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Evaluation of Potential Severe Accidents During Low Power and Shutdown Operations at Surry, Unit-1

Analysis of Core Damage Frequency from Internal Events During Mid-Loop Operations

Appendices F – H

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MASTER

ABSTRACT

Traditionally, probabilistic risk assessments (PRA) of severe accidents in nuclear power plants have considered initiating events potentially occurring only during full power operation. Some previous screening analyses that were performed for other modes of operation suggested that risks during those modes were small relative to full power operation. However, more recent studies and operational experience have implied that accidents during low power and shutdown could be significant contributors to risk.

During 1989, the Nuclear Regulatory Commission (NRC) initiated an extensive program to carefully examine the potential risks during low power and shutdown operations. The program includes two parallel projects being performed by Brookhaven National Laboratory (BNL) and Sandia National Laboratories (SNL). Two plants, Surry (pressurized water reactor) and Grand Gulf (boiling water reactor), were selected as the plants to be studied.

The objectives of the program are to assess the risks of severe accidents initiated during plant operational states other than full power operation and to compare the estimated core damage frequencies, important accident sequences and other qualitative and quantitative results with those accidents initiated during full power operation as assessed in NUREG-1150. The scope of the program includes that of a level-3 PRA.

The objective of this volume of the report is to document the approach utilized in the level-1 internal events PRA for the Surry plant, and discuss the results obtained. A phased approach was used in the level-1 program. In phase 1, which was completed in Fall 1991, a coarse screening analysis examining accidents initiated by internal events (including internal fire and flood) was performed for all plant operational states (POSS). The objective of the phase 1 study was to identify potential vulnerable plant configurations, to characterize (on a high, medium, or low basis) the potential core damage accident scenarios, and to provide a foundation for a detailed phase 2 analysis.

In phase 2, mid-loop operation was selected as the plant configuration to be analyzed based on the results of the phase 1 study. The objective of the phase 2 study is to perform a detailed analysis of the potential accident scenarios that may occur during mid-loop operation, and compare the results with those of NUREG-1150. The scope of the level-1 study includes plant damage state analysis, and uncertainty analysis. Volume 1 summarizes the results of the study. Internal events analysis is documented in Volume 2. It also contains an appendix that documents the part of the phase 1 study that has to do with POSSs other than mid-loop operation. Internal fire and internal flood analyses are documented in Volumes 3 and 4. A separate study on seismic analysis, documented in Volume 5, was performed for the NRC by Future Resources Associates, Inc. Volume 6 documents the accident progression, source terms, and consequences analysis.

In the phase 2 study, system models applicable for shutdown conditions were developed and supporting thermal hydraulic analysis were performed to determine both the timing of the accidents and success criteria for systems. Initiating events that may occur during mid-loop operations were identified and accident sequence event trees were developed and quantified. In the preliminary quantification of the mid-loop accident sequences, it was found that the decay heat at which the accident initiating event occurs is an important parameter that determines both the success criteria for the mitigating functions and the time available for operator actions. In order to better account for the decay heat, a "time window" approach was

developed. In this approach, time windows after shutdown were defined based on the success criteria established for the various methods that can be used to mitigate the accident. Within each time window, the decay heat and accident sequence timing are more accurately defined and new event trees developed and quantified accordingly. Statistical analysis of the past outage data was performed to determine the time at which a mid-loop condition is reached, and the duration of the mid-loop operation. Past outage data were used to determine the probability that an accident initiating event occurs in each of the time windows. This probability is used in the quantification of the accident sequences.

The mean core damage frequency of the Surry plant due to internal events that may take place during mid-loop operations is $5\text{E-}06$ per year, and the 5th and 95th percentiles are $5\text{E-}07$ and $2\text{E-}05$ per year, respectively. This can be compared with the mean core damage frequency from internal events of $4\text{E-}05$ per year estimated in the NUREG-1150 study for full power operations.

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FOREWORD

(NUREG/CR-6143 and 6144)

Low Power and Shutdown Probabilistic Risk Assessment Program

Traditionally, probabilistic risk assessments (PRA) of severe accidents in nuclear power plants have considered initiating events potentially occurring only during full power operation. Some previous screening analysis that were performed for other modes of operation suggested that risks during those modes were small relative to full power operation. However, more recent studies and operational experience have implied that accidents during low power and shutdown could be significant contributors to risk.

During 1989, the Nuclear Regulatory Commission (NRC) initiated an extensive program to carefully examine the potential risks during low power and shutdown operations. The program includes two parallel projects performed by Brookhaven National Laboratory (BNL) and Sandia National Laboratories (SNL), with the seismic analysis performed by Future Resources Associates. Two plants, Surry (pressurized water reactor) and Grand Gulf (boiling water reactor), were selected as the plants to be studied.

The objectives of the program are to assess the risks of severe accidents due to internal events, internal fires, internal floods, and seismic events initiated during plant operational states other than full power operation and to compare the estimated core damage frequencies, important accident sequences and other qualitative and quantitative results with those accidents initiated during full power operation as assessed in NUREG-1150. The scope of the program includes that of a level-3 PRA.

The results of the program are documented in two reports, NUREG/CR-6143 and 6144. The reports are organized as follows:

For Grand Gulf:

NUREG/CR-6143 - Evaluation of Potential Severe Accidents during Low Power and Shutdown Operations at Grand Gulf

- Volume 1: Summary of Results
- Volume 2: Analysis of Core Damage Frequency from Internal Events for Operational State 5 During a Refueling Outage
 - Part 1: Main Report
 - Part 1A: Sections 1 - 9
 - Part 1B: Section 10
 - Part 1C: Sections 11 - 14
 - Part 2: Internal Events Appendices A to H
 - Part 3: Internal Events Appendices I and J
 - Part 4: Internal Events Appendices K to M
- Volume 3: Analysis of Core Damage Frequency from Internal Fire Events for Plant Operational State 5 During a Refueling Outage
- Volume 4: Analysis of Core Damage Frequency from Internal Flooding Events for Plant Operational State 5 During a Refueling Outage
- Volume 5: Analysis of Core Damage Frequency from Seismic Events for Plant Operational State 5 During a Refueling Outage

Foreword (continued)

Volume 6: **Evaluation of Severe Accident Risks for Plant Operational State 5
During a Refueling Outage**
Part 1: Main Report
Part 2: Supporting MELCOR Calculations

For Surry:

**NUREG/CR-6144- Evaluation of Potential Severe Accidents during Low Power and Shutdown
Operations at Surry Unit-1**

Volume 1: **Summary of Results**

Volume 2: **Analysis of Core Damage Frequency from Internal Events during
Mid-loop Operations**
Part 1: Main Report
 Part 1A: Chapters 1 - 6
 Part 1B: Chapters 7 - 12
Part 2: Internal Events Appendices A to D
Part 3: Internal Events Appendix E
 Part 3A: Sections E.1 - E.8
 Part 3B: Sections E.9 - E.16

Volume 3: **Part 4: Internal Events Appendices F to H**
 Part 5: Internal Events Appendix I
**Analysis of Core Damage Frequency from Internal Fires during
Mid-loop Operations**
Part 1: Main Report
Part 2: Appendices
Volume 4: **Analysis of Core Damage Frequency from Internal Floods during
Mid-loop Operations**
Volume 5: **Analysis of Core Damage Frequency from Seismic Events during
Mid-loop Operations**
Volume 6: **Evaluation of Severe Accident Risks during Mid-loop Operations**
Part 1: Main Report
Part 2: Appendices

APPENDIX F

DOMINANT CUTSETS AND BASIC EVENT IMPORTANCE

APPENDIX F
DOMINANT CUTSETS AND BASIC EVENT IMPORTANCE

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Appendix F.1

**Dominant Cutsets Without Recovery Actions
(Above 1.0E-09)**

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1	6.1	6.1	1.464E-006	UNITY, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
2	10.7	4.5	1.077E-006	UNITY, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6
3	13.9	3.2	7.681E-007	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4K
4	17.2	3.2	7.614E-007	UNITY, LPR-MOV-FT-1862B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
5	20.0	2.8	6.771E-007	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B1, NRAC262
6	22.4	2.3	5.631E-007	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
7	24.8	2.3	5.600E-007	UNITY, FREQ-CCW, LPR-MOV-FT-1862B, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
8	27.0	2.2	5.413E-007	UNITY, ACP-INV-NO-UPSA2, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
9	28.9	1.8	4.393E-007	UNITY, LPI-MDP-FS-SI1B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
10	30.8	1.8	4.393E-007	UNITY, LPR-MOV-FT-1860B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
11	32.5	1.7	4.241E-007	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
12	34.1	1.5	3.739E-007	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262
13	35.6	1.5	3.572E-007	UNITY, AFW-MDP-MA-FW3B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
14	37.0	1.3	3.231E-007	UNITY, FREQ-CCW, LPI-MDP-FS-SI1B, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
15	38.4	1.3	3.231E-007	UNITY, FREQ-CCW, LPR-MOV-FT-1860B, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
16	39.6	1.2	2.976E-007	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1, D-L1W2-XHE
17	40.7	1.1	2.618E-007	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
18	41.8	1.0	2.560E-007	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L1, D-L1W3-XHE
19	42.9	1.0	2.517E-007	UNITY, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
20	43.9	1.0	2.471E-007	UNITY, CCW-LF-RHE2B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
21	44.9	0.9	2.266E-007	UNITY, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
22	45.8	0.9	2.236E-007	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B1, NRAC200
23	46.7	0.8	1.972E-007	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
24	47.4	0.7	1.830E-007	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
25	48.2	0.7	1.819E-007	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, D-L1W1-XHE
26	48.9	0.7	1.773E-007	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
27	49.7	0.7	1.697E-007	UNITY, PROB-W2D6, DR-MT, DURATION-D6, D-SIW2-XHE, FREQ-SI
28	50.4	0.6	1.643E-007	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, D-L1W2-XHE
29	51.0	0.6	1.532E-007	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
30	51.6	0.6	1.464E-007	UNITY, FREQ-RHR3, PROB-W1D6, A-R3W1-XHE-C-8, DR-MT, DURATION-D6
31	52.2	0.6	1.460E-007	UNITY, PROB-W3D6, DR-MT, DURATION-D6, D-SIW3-XHE, FREQ-SI
32	52.8	0.5	1.346E-007	UNITY, CON-VFC-RP-COREM, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
33	53.4	0.5	1.300E-007	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
34	53.9	0.5	1.285E-007	UNITY, LPR-MOV-FT-1862B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
35	54.4	0.5	1.195E-007	UNITY, DCP-BDC-ST-BUS1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
36	54.9	0.5	1.195E-007	UNITY, ACP-BAC-ST-4KV1J, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
37	55.4	0.5	1.176E-007	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L1, D-L1W3-XHE

Partition Cut Set Report

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End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
38	55.9	0.4	1.150E-007	UNITY, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-R-12
39	56.4	0.4	1.129E-007	UNITY, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
40	56.8	0.4	1.111E-007	UNITY, ACP-INV-NO-UPSA2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
41	57.3	0.4	1.099E-007	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B2, NRAC262
42	57.8	0.4	1.077E-007	UNITY, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, A-CCW1-XHE-C-9, DR-MT, DURATION-D6
43	58.2	0.4	1.054E-007	UNITY, CCW-LF-RHE2A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
44	58.6	0.4	9.791E-008	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
45	59.0	0.4	9.370E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, D-SIW2-XHE, FREQ-SI
46	59.4	0.3	9.063E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, A-L2W1-XHE-R-4
47	59.8	0.3	9.040E-008	UNITY, PROB-RHR2A, DR-MT, D-SIW1-XHE, PROB-W1D6A
48	60.1	0.3	8.729E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, D-SIW1-XHE, FREQ-SI
49	60.5	0.3	8.245E-008	UNITY, AFW-MDP-MA-FW3B, CCW-LF-RHE2E, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
50	60.8	0.3	7.511E-008	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
51	61.1	0.3	7.412E-008	UNITY, LPI-MDP-FS-SI1B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
52	61.4	0.3	7.412E-008	UNITY, LPR-MOV-FT-1860B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
53	61.7	0.3	7.274E-008	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, D-L2W2-XHE
54	62.1	0.3	7.232E-008	UNITY, PROB-RHR2A, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A, LPR-CCF-PG-SUMP1
55	62.3	0.2	6.905E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B2, NRAC346
56	62.6	0.2	6.703E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, D-SIW3-XHE, FREQ-SI
57	62.9	0.2	6.589E-008	UNITY, LPI-CCF-FS-SI1AB, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6

Partition Cut Set Report

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End State ->CD

This Partition -> 2.367E-005

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59	63.4	0.2	6.257E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, D-L2W3-XHE
60	63.7	0.2	6.066E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B2, NRAC262
61	64.0	0.2	6.045E-008	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
62	64.2	0.2	5.871E-008	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
63	64.4	0.2	5.761E-008	UNITY, AFW-MDP-MA-FW3B, RHR-MDP-FS-RHR1B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
64	64.7	0.2	5.761E-008	UNITY, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-R-12
65	64.9	0.2	5.761E-008	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FS-CCP1B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
66	65.1	0.2	5.197E-008	UNITY, LOSP, OEP-DGN-FS-DG01, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
67	65.4	0.2	5.166E-008	UNITY, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
68	65.6	0.2	5.045E-008	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
69	65.8	0.2	5.045E-008	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
70	66.0	0.2	4.846E-008	UNITY, LPI-CCF-FS-SI1AB, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
71	66.2	0.2	4.834E-008	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
72	66.4	0.2	4.799E-008	UNITY, ACP-INV-NO-UPSB1, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2

Partition Cut Set Report

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End State ->CD

Mincut Upper Bound -> 2.367E-005

This Partition -> 2.367E-005

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73	65.6	0.2	4.694E-008	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
74	66.8	0.1	4.598E-008	UNITY, ACP-INV-NO-UPSB1, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2
75	67.0	0.1	4.554E-008	UNITY, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3
76	67.2	0.1	4.553E-008	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
77	67.4	0.1	4.549E-008	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L1, D-L1W4-XHE
78	67.6	0.1	4.501E-008	UNITY, PROB-PHR2A, DR-MT, D-RAW2-XHE, PROB-W2D6A
79	67.8	0.1	4.443E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2, A-L2W1-XHE-R-4
80	67.9	0.1	4.223E-008	UNITY, LOOPISOLATED2R6, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
81	68.1	0.1	4.223E-008	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-R-12
82	68.3	0.1	4.223E-008	UNITY, CCW-MDP-FS-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
83	68.5	0.1	4.068E-008	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B2, NRAC455
84	68.6	0.1	4.060E-008	UNITY, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
85	68.8	0.1	4.060E-008	UNITY, CCW-MDP-FS-CCP1B, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
86	69.0	0.1	4.016E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, D-L2W2-XHE
87	69.1	0.1	3.985E-008	UNITY, RHR-MDP-FS-RHR1B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
88	69.3	0.1	3.840E-008	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-MA-CCP1B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
89	69.5	0.1	3.807E-008	UNITY, LPR-CCF-FT-862AB, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
90	69.6	0.1	3.807E-008	UNITY, LPR-CCF-FT-860AB, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
91	69.8	0.1	3.760E-008	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A
92	69.9	0.1	3.628E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B2, NRAC200
93	70.1	0.1	3.584E-008	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
94	70.2	0.1	3.550E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, FREQ-L1, A-L1W1-XHE-R-4
95	70.4	0.1	3.516E-008	UNITY, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
96	70.5	0.1	3.423E-008	UNITY, LOSE, OEP-DGN-FC-DG3U2, PROB-RHR2A, DR-MT, PROB-W1D6A
97	70.7	0.1	3.394E-008	UNITY, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6, D-R5W2-XHE
98	70.8	0.1	3.387E-008	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
99	71.0	0.1	3.387E-008	UNITY, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
100	71.1	0.1	3.381E-008	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SR, D-SRW2-XHE
101	71.2	0.1	3.362E-008	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, D-4KW2-XHE
102	71.4	0.1	3.351E-008	UNITY, ACP-INV-NO-UPSA2, SGB-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
103	71.5	0.1	3.351E-008	UNITY, ACP-INV-NO-UPSA2, SGA-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
104	71.7	0.1	3.297E-008	UNITY, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, D-RAW2-XHE, PROB-W2R6A
105	71.8	0.1	3.274E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L3, NRAC200, A-L3W1-XHE-CW-4
106	71.9	0.1	3.259E-008	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL

End State ->CD

Mincut Upper Bound -> 2.367E-005

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
107	72.1	0.1	3.243E-008	UNITY, LO SP, OEP-DGN-FS-DG01, PROB-RHR2A, DR-MT, PROB-W2D6A
108	72.2	0.1	3.181E-008	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-R-12
109	72.4	0.1	3.181E-008	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
110	72.5	0.1	3.181E-008	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FS-CCP1B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
111	72.6	0.1	3.107E-008	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
112	72.7	0.1	3.088E-008	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
113	72.9	0.1	2.949E-008	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
114	73.0	0.1	2.919E-008	UNITY, PROB-W3D6, FREQ-RHR5, DR-MT, DURATION-D6, D-R5W3-XHE
115	73.1	0.1	2.908E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SR, D-SRW3-XHE
116	73.2	0.1	2.892E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-4KV, D-4KW3-XHE
117	73.4	0.1	2.873E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, D-L2W3-XHE
118	73.5	0.1	2.869E-008	UNITY, REFUEL, LO SP, OEP-DGN-FS-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
119	73.6	0.1	2.815E-008	UNITY, CCW-MDP-MA-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
120	73.7	0.1	2.800E-008	UNITY, FREQ-CCW, LPR-CCF-FT-862AB, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
121	73.8	0.1	2.800E-008	UNITY, FREQ-CCW, LPR-CCF-FT-860AB, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
122	74.0	0.1	2.782E-008	UNITY, CON-VFC-RP-COREM, ISR-MDP-FS-RS1A, OSR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
123	74.1	0.1	2.712E-008	UNITY, PROB-RHR2A, RHR-CCF-FS-MDPAB, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
124	74.2	0.1	2.707E-008	UNITY, CCW-MDP-MA-CCP1B, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
125	74.3	0.1	2.684E-008	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
126	74.4	0.1	2.638E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, D-L2W1-XHE
127	74.5	0.1	2.615E-008	UNITY, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, A-L2W2-XHE-R-4
128	74.6	0.1	2.589E-008	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6
129	74.7	0.1	2.471E-008	UNITY, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-18, H-SI-REC-W1, FREQ-SI
130	74.8	0.1	2.397E-008	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
131	74.9	0.1	2.375E-008	UNITY, REFUEL, LOSP, OEP-DGN-FS-DG01, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
132	75.0	0.1	2.368E-008	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3
133	75.1	0.1	2.346E-008	UNITY, MSS-AOV-FC-101B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
134	75.2	0.1	2.346E-008	UNITY, MSS-AOV-FC-101A, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
135	75.3	0.1	2.314E-008	UNITY, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
136	75.4	0.1	2.314E-008	UNITY, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
137	75.5	0.0	2.243E-008	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
138	75.6	0.0	2.231E-008	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2A, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
139	75.7	0.0	2.215E-008	UNITY, LOSEP, OEP-DGN-FS-DG01, PROB-RHR2A, DR-MT, PROB-W1D6A
140	75.8	0.0	2.215E-008	UNITY, LOSEP, OEP-DGN-FS-DG03, PROB-RHR2A, DR-MT, PROB-W1D6A
141	75.9	0.0	2.181E-008	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6
142	76.0	0.0	2.170E-008	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, PROB-RHR2A, DR-MT, PROB-W1D6A
143	76.1	0.0	2.170E-008	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A
144	76.2	0.0	2.170E-008	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, PROB-RHR2A, DR-MT, PROB-W1D6A
145	76.3	0.0	2.170E-008	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, PROB-RHR2A, DR-MT, PROB-W1D6A
146	76.4	0.0	2.170E-008	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, PROB-RHR2A, DR-MT, PROB-W1D6A
147	76.4	0.0	2.170E-008	UNITY, LPR-MOV-F1-1860B, PROB-RHR2A, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A
148	76.5	0.0	2.169E-008	UNITY, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
149	76.6	0.0	2.155E-008	UNITY, LOSEP, OEP-DGN-FC-DG3U2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
150	76.7	0.0	2.138E-008	UNITY, REFUEL, CCW-LF-RHE2A, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2
151	76.8	0.0	2.120E-008	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-MA-CCP1B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
152	76.9	0.0	2.109E-008	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, A-R3W2-XHE-X, LPR-CCF-PG-SUMP2
153	77.0	0.0	2.085E-008	UNITY, PROB-RHR2A, CCW-LF-RHE2A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
154	77.1	0.0	2.082E-008	UNITY, PROB-RHR2A, DR-MT, D-RAW3-XHE, PROB-W3D6A
155	77.2	0.0	2.072E-008	UNITY, LPR-MOV-FT-1862B, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
156	77.2	0.0	2.046E-008	UNITY, CON-VFC-RP-COREM, ISR-MDP-FS-RS1A, FREQ-CCW, OSR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
157	77.3	0.0	2.012E-008	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-RHR2A, DR-MT, PROB-W1D6A
158	77.4	0.0	2.010E-008	UNITY, PROB-W2D6, DR-MT, DURATION-D6, D-VBW2-XHE, FREQ-VB
159	77.5	0.0	1.978E-008	UNITY, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12
160	77.6	0.0	1.970E-008	UNITY, ACP-INV-NO-UPSB1, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC455, /PROB-1HFAILED12, 2EH1L2
161	77.7	0.0	1.968E-008	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
162	77.8	0.0	1.968E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262
163	77.8	0.0	1.965E-008	UNITY, REFUEL, DURATION-R6, PROB-W2R6, FREQ-SR, D-SRW2-XHE
164	77.9	0.0	1.949E-008	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L1, D-L1W4-XHE
165	78.0	0.0	1.942E-008	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
166	78.1	0.0	1.917E-008	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILED12, A-L2W2-XHE-R-4
167	78.2	0.0	1.916E-008	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
168	78.2	0.0	1.898E-008	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
169	78.3	0.0	1.874E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5, D-R5W2-XHE
170	78.4	0.0	1.862E-008	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILED12, 2EH1L2
171	78.5	0.0	1.862E-008	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILED12, 2EH1L2
172	78.6	0.0	1.856E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV, D-4KW2-XHE

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
173	78.6	0.0	1.846E-008	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W1-XHE-R-4
174	78.7	0.0	1.835E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B1, NRAC346, D-B1W3-XHE
175	78.8	0.0	1.828E-008	UNITY, LPR-MOV-FT-1862B, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6
176	78.9	0.0	1.825E-008	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
177	78.9	0.0	1.808E-008	UNITY, PROB-RHR2A, RHR-ASF-PG-1605, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
178	79.0	0.0	1.760E-008	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
179	79.1	0.0	1.746E-008	UNITY, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, D-R5W1-XHE
180	79.2	0.0	1.729E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, D-4KW1-XHE
181	79.2	0.0	1.729E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, D-VBW3-XHE, FREQ-VB
182	79.3	0.0	1.718E-008	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
183	79.4	0.0	1.708E-008	UNITY, RHR-CCF-FS-MDPAB, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
184	79.5	0.0	1.701E-008	UNITY, DCP-BDC-ST-BUS1B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6
185	79.5	0.0	1.701E-008	UNITY, ACP-BAC-ST-4KV1J, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6
186	79.6	0.0	1.699E-008	UNITY, RHR-MDP-FS-RHR1A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
187	79.7	0.0	1.699E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, CCW-MDP-FS-CCP1A
188	79.7	0.0	1.689E-008	UNITY, DCP-BAT-LP-BAT1B, FREQ-RHR3, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6
189	79.8	0.0	1.682E-008	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
190	79.9	0.0	1.682E-008	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2

Partition Cut Set Report

Family->P'HRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
191	80.0	0.0	1.675E-008	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-RHR2A, DR-MT, PROB-W2D6A
192	80.0	0.0	1.666E-008	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
193	80.1	0.0	1.629E-008	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
194	80.2	0.0	1.627E-008	UNITY, PROB-RHR2A, RWT-TNK-LF-RWST, DR-MT, PROB-W1D6A
195	80.2	0.0	1.598E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, D-VBW1-XHE, FREQ-VB
196	80.3	0.0	1.575E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B1, NRAC346, A-B1W3-XHE-2CH-8
197	80.4	0.0	1.558E-008	UNITY, SGB-DRAINED-R, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
198	80.4	0.0	1.558E-008	UNITY, SGA-DRAINED-R, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
199	80.5	0.0	1.533E-008	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
200	80.6	0.0	1.511E-008	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
201	80.6	0.0	1.501E-008	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-B1, NRAC200
202	80.7	0.0	1.482E-008	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
203	80.7	0.0	1.464E-008	UNITY, LPI-CKV-FT-CV50, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
204	80.8	0.0	1.464E-008	UNITY, LPR-CKV-FT-CV47, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
205	80.9	0.0	1.457E-008	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
206	80.9	0.0	1.457E-008	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
207	81.0	0.0	1.444E-008	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, A-L2W2-XHE-R-4

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
208	81.0	0.0	1.430E-008	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
209	81.1	0.0	1.411E-008	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
210	81.2	0.0	1.410E-008	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, RHR-CCF-FS-MDPAB, DR-MT, PROB-W1D6A
211	81.2	0.0	1.399E-008	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
212	81.3	0.0	1.399E-008	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
213	81.3	0.0	1.395E-008	UNITY, LOSP, OEP-DGN-FS-DG01, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
214	81.4	0.0	1.395E-008	UNITY, LOSP, OEP-DGN-FS-DG03, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
215	81.5	0.0	1.383E-008	UNITY, AFW-MDP-MA-FW3B, RHR-MDP-FR-B24HR, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
216	81.5	0.0	1.383E-008	UNITY, AFW-MDP-MA-FW3B, DCP-BAT-LP-BAT1A, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
217	81.6	0.0	1.383E-008	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FR-CCP1B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
218	81.6	0.0	1.366E-008	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3
219	81.7	0.0	1.366E-008	UNITY, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3
220	81.8	0.0	1.366E-008	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
221	81.8	0.0	1.366E-008	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
222	81.9	0.0	1.366E-008	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
223	81.9	0.0	1.366E-008	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
224	82.0	0.0	1.363E-008	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, PROB-1HFAILEDL3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
225	82.0	0.0	1.341E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-RHR5, D-R5W3-XHE
226	82.1	0.0	1.335E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-SR, D-SRW3-XHE
227	82.2	0.0	1.330E-008	UNITY, AFW-MDP-MA-FW3B, RHR-MDP-FS-RHR1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
228	82.2	0.0	1.330E-008	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FS-CCP1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
229	82.3	0.0	1.328E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-4KV, D-4KW3-XHE
230	82.3	0.0	1.318E-008	UNITY, DCP-BDC-ST-BUS1B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
231	82.4	0.0	1.318E-008	UNITY, ACP-BAC-ST-1J1, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
232	82.4	0.0	1.318E-008	UNITY, ACP-BAC-ST-1J1-2, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
233	82.5	0.0	1.318E-008	UNITY, ACP-BAC-ST-4KV1H, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
234	82.5	0.0	1.318E-008	UNITY, ACP-BAC-ST-4KV1J, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
235	82.6	0.0	1.318E-008	UNITY, ACP-BAC-ST-4801J, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
236	82.7	0.0	1.313E-008	UNITY, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
237	82.7	0.0	1.306E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L1, D-L1W3-XHE
238	82.8	0.0	1.293E-008	UNITY, DCP-BAT-LP-BAT1B, PROB-RHR2A, CCW-LF-RHE2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, DR-MT, PROB-W1D6A
239	82.8	0.0	1.267E-008	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
240	82.9	0.0	1.248E-008	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
241	82.9	0.0	1.242E-008	UNITY, DCP-BAT-LP-BAT1B, FREQ-CCW, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
242	83.0	0.0	1.227E-008	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
243	83.0	0.0	1.222E-008	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
244	83.1	0.0	1.222E-008	UNITY, LOOPISOLATED2R6, REFUEL, PROB-RHR2A, RWT-TNK-LF-RWST, /PZR-SV-REMOVEDW2, PROB-W2R6A
245	83.1	0.0	1.221E-008	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L1, D-L1W1-XHE
246	83.2	0.0	1.203E-008	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A
247	83.2	0.0	1.203E-008	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A
248	83.3	0.0	1.195E-008	UNITY, LPI-MDP-FS-SI1B, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
249	83.3	0.0	1.195E-008	UNITY, LPR-MOV-FT-1860B, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
250	83.4	0.0	1.171E-008	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-FC-101B, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
251	83.4	0.0	1.171E-008	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-FC-101A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
252	83.5	0.0	1.139E-008	UNITY, RHR-ASF-PG-1605, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
253	83.5	0.0	1.129E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-18, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
254	83.6	0.0	1.128E-008	UNITY, REFUEL, FREQ-CCW, LPR-MOV-FT-1862B, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
255	83.6	0.0	1.120E-008	UNITY, HPR-MDP-FR-A18HR, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
256	83.7	0.0	1.115E-008	UNITY, CCW-LF-RHE2B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB
257	83.7	0.0	1.112E-008	UNITY, LPI-CCF-FS-SI1AB, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
258	83.8	0.0	1.110E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, D-VBW2-XHE, FREQ-VB

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
259	83.8	0.0	1.093E-008	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101B, MSS-NRV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
260	83.9	0.0	1.093E-008	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101A, MSS-NRV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
261	83.9	0.0	1.092E-008	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-L1, D-L1W4-XHE
262	83.9	0.0	1.090E-008	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
263	84.0	0.0	1.084E-008	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, CCW-LF-RHE2A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A
264	84.0	0.0	1.077E-008	UNITY, LPI-CKV-FT-CV50, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
265	84.1	0.0	1.077E-008	UNITY, FREQ-CCW, LPR-CKV-FT-CV47, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
266	84.1	0.0	1.071E-008	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, FREQ-CCW, H-CCW-REC-W2, PROB-W2D6, DR-MT, DURATION-D6
267	84.2	0.0	1.071E-008	UNITY, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, D-RAW3-XHE, PROB-W3R6A
268	84.2	0.0	1.070E-008	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, D-SIW4-XHE, FREQ-SI
269	84.3	0.0	1.065E-008	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W1-XHE-R-4
270	84.3	0.0	1.065E-008	UNITY, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W1-XHE-R-4
271	84.4	0.0	1.055E-008	UNITY, LPI-MDP-FS-SI1B, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6
272	84.4	0.0	1.055E-008	UNITY, LPR-MOV-FT-1860B, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6
273	84.4	0.0	1.044E-008	UNITY, ACP-INV-NO-UPSB1, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, /PROB-1HFAILEDL3
274	84.5	0.0	1.039E-008	UNITY, LOSP, OEP-DGN-FS-DG01, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6
275	84.5	0.0	1.030E-008	UNITY, LOSP, OEP-DGN-FS-DG01, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV
276	84.6	0.0	1.028E-008	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
277	84.6	0.0	1.014E-008	UNITY, LOOPISOLATED2R6, REFUEL, RHR-MDP-FR-B24HR, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
278	84.7	0.0	1.014E-008	UNITY, LOOPISOLATED2R6, DCP-BAT-LP-BAT1A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
279	84.7	0.0	1.014E-008	UNITY, CCW-MDP-FR-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
280	84.7	0.0	1.009E-008	UNITY, DCP-BDC-ST-BUS1B, PROB-RHR2A, CCW-LF-RHE2A, DR-MT, PROB-W1D6A
281	84.8	0.0	1.009E-008	UNITY, ACP-BAC-ST-4KV1J, PROB-RHR2A, CCW-LF-RHE2A, DR-MT, PROB-W1D6A
282	84.8	0.0	1.009E-008	UNITY, ACP-BAC-ST-4KV1H, PROB-RHR2A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A
283	84.9	0.0	1.007E-008	UNITY, LOSP, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
284	84.9	0.0	1.000E-008	UNITY, ACP-INV-NO-UPSB1, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, /PROB-1HFALIEDL3
285	85.0	0.0	9.991E-009	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, PROB-1HFALIEDL3
286	85.0	0.0	9.835E-009	UNITY, ACP-INV-NO-UPSB1, ACP-TFM-NO-1J1, PROB-RHR2A, DR-MT, PROB-W1D6A
287	85.0	0.0	9.769E-009	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-B2, NRAC455
288	85.1	0.0	9.750E-009	UNITY, LOOPISOLATED2R6, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFALIEDL2
289	85.1	0.0	9.750E-009	UNITY, CCW-MDP-FS-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFALIEDL2
290	85.2	0.0	9.744E-009	UNITY, RHR-MDP-FR-B24HR, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
291	85.2	0.0	9.744E-009	UNITY, CCW-MDP-FR-CCP1B, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
292	85.2	0.0	9.744E-009	UNITY, DCP-BAT-LP-BAT1A, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
293	85.3	0.0	9.705E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
294	85.3	0.0	9.692E-009	UNITY, ACP-BAC-ST-4KV1J, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
295	85.4	0.0	9.692E-009	UNITY, ACP-BAC-ST-1J1, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
296	85.4	0.0	9.692E-009	UNITY, ACP-BAC-ST-1J1-2, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
297	85.5	0.0	9.692E-009	UNITY, ACP-BAC-ST-4KV1H, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
298	85.5	0.0	9.692E-009	UNITY, DCP-BDC-ST-BUS1B, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
299	85.5	0.0	9.692E-009	UNITY, ACP-BAC-ST-4801J, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
300	85.6	0.0	9.658E-009	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, D-L3W2-XHE
301	85.6	0.0	9.658E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-CCF-FS-S11AB, PROB-RHR2A, DR-MT, PROB-W1D6A
302	85.7	0.0	9.629E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, CCW-AOV-XHE-109, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
303	85.7	0.0	9.563E-009	UNITY, RHR-MDP-FR-B24HR, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
304	85.7	0.0	9.401E-009	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, RHR-ASF-PG-1605, DR-MT, PROB-W1D6A
305	85.8	0.0	9.178E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-FS-FW3B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
306	85.8	0.0	9.162E-009	UNITY, REFUEL, CCW-LF-RHE2A, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2
307	85.9	0.0	9.150E-009	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
308	85.9	0.0	9.121E-009	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, PROB-RHR2A, DR-MT, PROB-W1D6A
309	85.9	0.0	9.108E-009	UNITY, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, A-R5W1-XHE-R-4, LPR-CCF-PG-SUMP1
310	86.0	0.0	9.072E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SR, D-SRW1-XHE

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
311	86.0	0.0	9.040E-009	UNITY, CON-VFC-RP-COREM, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A
312	86.0	0.0	9.022E-009	UNITY, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV, A-4KW1-XHE-R-3
313	86.1	0.0	9.002E-009	UNITY, REFUEL, PROB-RHR2A, RWT-TNK-LF-RWST, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
314	86.1	0.0	8.989E-009	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
315	86.2	0.0	8.958E-009	UNITY, ACP-INV-NO-UPSA2, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, FIRE-PUMP, SOLAIR-COMP
316	86.2	0.0	8.922E-009	UNITY, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L3, NRAC200, /PROB-1HFAILEDL3
317	86.2	0.0	8.908E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
318	86.3	0.0	8.880E-009	UNITY, LPR-MOV-FT-1862B, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
319	86.3	0.0	8.866E-009	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-MA-CCP1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
320	86.3	0.0	8.847E-009	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
321	86.4	0.0	8.847E-009	UNITY, REFUEL, LPR-MOV-FT-1860B, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
322	86.4	0.0	8.725E-009	UNITY, LOOPISOLATED2R6, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, A-CCW2-XHE-X
323	86.5	0.0	8.660E-009	UNITY, MSS-AOV-FC-101B, CCW-LF-RHE2A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
324	86.5	0.0	8.660E-009	UNITY, MSS-AOV-FC-101A, CCW-LF-RHE2A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
325	86.5	0.0	8.649E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, D-L1W2-XHE
326	86.6	0.0	8.641E-009	UNITY, AFW-MDP-MA-FW3B, RHR-CCF-FS-MDPAB, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
327	86.6	0.0	8.538E-009	UNITY, ACP-INV-NO-UPSA2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L3, NRAC200, PROB-1HFAILEDL3
328	86.6	0.0	8.449E-009	UNITY, AFW-MDP-MA-FW3B, RHR-XVM-PG-XV6, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
329	86.7	0.0	8.449E-009	UNITY, AFW-MDP-MA-FW3B, RHR-XVM-PG-XV2, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
330	86.7	0.0	8.403E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-B1, NRAC346, D-B1W3-XHE
331	86.7	0.0	8.401E-009	UNITY, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW1, D-RAW1-XHE, PROB-W1R6A
332	86.8	0.0	8.332E-009	UNITY, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
333	86.8	0.0	8.332E-009	UNITY, CCW-MDP-FS-CCP1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
334	86.8	0.0	8.307E-009	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, D-L3W3-XHE
335	86.9	0.0	8.301E-009	UNITY, FREQ-RHR2B, PROB-W2D6, D-RBW2-XHE, DR-MT, DURATION-D6
336	86.9	0.0	8.273E-009	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
337	87.0	0.0	8.238E-009	UNITY, HPR-MDP-FR-A18HR, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
338	87.0	0.0	8.162E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
339	87.0	0.0	8.144E-009	UNITY, DCP-BAT-LP-BAT1B, CCW-LF-RHE2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
340	87.1	0.0	8.136E-009	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, RHR-CCF-FS-MDPAB, DR-MT, PROB-W1D6A
341	87.1	0.0	8.136E-009	UNITY, LPR-MOV-FT-1860B, PROB-RHR2A, RHR-CCF-FS-MDPAB, DR-MT, PROB-W1D6A
342	87.1	0.0	8.086E-009	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B1, NRAC346, A-B1W3-XHE-CW-8
343	87.2	0.0	7.980E-009	UNITY, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
344	87.2	0.0	7.972E-009	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
345	87.2	0.0	7.971E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SR, D-SRW4-XHE
346	87.3	0.0	7.965E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, H-SI-REC-W2, FREQ-SI
347	87.3	0.0	7.939E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, D-VBW3-XHE, FREQ-VB
348	87.3	0.0	7.852E-009	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
349	87.4	0.0	7.820E-009	UNITY, MSS-AOV-MA-101B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
350	87.4	0.0	7.820E-009	UNITY, MSS-AOV-MA-101A, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
351	87.4	0.0	7.797E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3
352	87.5	0.0	7.789E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, PROB-RHR2A, CCW-LF-RHE2B, DR-MT, PROB-W2D6A
353	87.5	0.0	7.736E-009	UNITY, ACP-INV-NO-UPSA2, SGB-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
354	87.5	0.0	7.736E-009	UNITY, ACP-INV-NO-UPSA2, SGA-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
355	87.6	0.0	7.722E-009	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
356	87.6	0.0	7.722E-009	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
357	87.6	0.0	7.722E-009	UNITY, ACP-INV-NO-UPSA2, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-S2-17

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
358	87.7	0.0	7.633E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-MDP-FR-B24HR, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
359	87.7	0.0	7.633E-009	UNITY, AFW-MDP-MA-FW3B, DCP-BAT-LP-BAT1A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
360	87.7	0.0	7.633E-009	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FR-CCP1B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
361	87.8	0.0	7.578E-009	UNITY, LPR-MOV-FT-1862B, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
362	87.8	0.0	7.578E-009	UNITY, LPR-MOV-FT-1862B, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
363	87.8	0.0	7.574E-009	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, PROB-RHR2A, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6A
364	87.8	0.0	7.536E-009	UNITY, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, CCW-AOV-XHE-109, FREQ-L2, NRAC262, PROB-1HFAILEDL2
365	87.9	0.0	7.525E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, PROB-1HFAILEDL3
366	87.9	0.0	7.447E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, D-SIW3-XHE, FREQ-SI
367	87.9	0.0	7.442E-009	UNITY, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, A-L2W2-XHE-R-4
368	88.0	0.0	7.442E-009	UNITY, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, A-L2W2-XHE-R-4
369	88.0	0.0	7.363E-009	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
370	88.0	0.0	7.343E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
371	88.1	0.0	7.343E-009	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FS-CCP1B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
372	88.1	0.0	7.282E-009	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
373	88.1	0.0	7.251E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
374	88.2	0.0	7.232E-009	UNITY, PROB-RHR2A, DR-MT, A-RAW1-XHE-C-9, A-RAW1-XHE-R-4, PROB-W1D6A
375	88.2	0.0	7.231E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-B1, NRAC346, A-B1W3-XHE-2CH-4
376	88.2	0.0	7.140E-009	UNITY, FREQ-RHR2B, PROB-W3D6, D-RBW3-XHE, DR-MT, DURATION-D6
377	88.2	0.0	7.135E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, ISR-MDP-FS-RS1A, DURATION-R6, OSR-TRA-MA, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
378	88.3	0.0	7.087E-009	UNITY, LOSP, OEP-CRB-FT-15H3, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
379	88.3	0.0	7.078E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2, A-L2W2-XHE-R-4
380	88.3	0.0	6.991E-009	UNITY, ACP-CRB-CO-14J14, ACP-INV-NO-UPSB1, PROB-RHR2A, DR-MT, PROB-W1D6A
381	88.4	0.0	6.991E-009	UNITY, ACP-CRB-CO-15J7, ACP-INV-NO-UPSB1, PROB-RHR2A, DR-MT, PROB-W1D6A
382	88.4	0.0	6.991E-009	UNITY, ACP-CRB-CO-14J11, ACP-INV-NO-UPSB1, PROB-RHR2A, DR-MT, PROB-W1D6A
383	88.4	0.0	6.989E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, FREQ-B1
384	88.5	0.0	6.942E-009	UNITY, LPR-MOV-FT-1860B, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A
385	88.5	0.0	6.942E-009	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A
386	88.5	0.0	6.942E-009	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A
387	88.5	0.0	6.942E-009	UNITY, LPR-MOV-FT-1860B, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
388	88.6	0.0	6.915E-009	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB
389	88.6	0.0	6.891E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
390	88.6	0.0	6.868E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
391	88.7	0.0	6.848E-009	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
392	88.7	0.0	6.834E-009	UNITY, HPI-MDP-FR-1A6HR, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A
393	88.7	0.0	6.827E-009	UNITY, LPR-MOV-FT-1862B, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
394	88.7	0.0	6.760E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, D-L2W4-XHE
395	88.8	0.0	6.721E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
396	88.8	0.0	6.677E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, SGS-DRAINED-R, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
397	88.8	0.0	6.629E-009	UNITY, PROB-RHR2A, DR-MT, A-RAW1-XHE-M-12, PROB-W1D6A, LPR-CCF-PG-SUMP1
398	88.9	0.0	6.589E-009	UNITY, LPI-MDP-FR-B24HR, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
399	88.9	0.0	6.552E-009	UNITY, FREQ-RHR2B, PROB-W1D6, D-RBW1-XHE, DR-MT, DURATION-D6
400	88.9	0.0	6.506E-009	UNITY, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
401	88.9	0.0	6.506E-009	UNITY, REFUEL, FREQ-CCW, LPR-MOV-FT-1860B, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
402	89.0	0.0	6.500E-009	UNITY, CCW-MDP-MA-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
403	89.0	0.0	6.483E-009	UNITY, ACP-CRB-CO-15H7, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-RHR2A, DR-MT, PROB-W1D6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
404	89.0	0.0	6.483E-009	UNITY, ACP-CRB-CO-14H15, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-RHR2A, DR-MT, PROB-W1D6A
405	89.1	0.0	6.474E-009	UNITY, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, PROB-1HFAILEDL3, A-L3W2-XHE-CW-4
406	89.1	0.0	6.423E-009	UNITY, LPR-CCF-FT-862AB, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
407	89.1	0.0	6.423E-009	UNITY, LPR-CCF-FT-860AB, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
408	89.1	0.0	6.353E-009	UNITY, DCP-BDC-ST-BUS1B, CCW-LF-RHE2A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
409	89.2	0.0	6.353E-009	UNITY, ACP-BAC-ST-4KV1H, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
410	89.2	0.0	6.353E-009	UNITY, ACP-BAC-ST-4KV1J, CCW-LF-RHE2A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
411	89.2	0.0	6.339E-009	UNITY, LOSEP, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
412	89.2	0.0	6.337E-009	UNITY, AFW-MDP-MA-FW3B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, PROB-1HFAILEDL3
413	89.3	0.0	6.335E-009	UNITY, LOOPISOLATED2R6, REFUEL, RHR-CCF-FS-MDPAB, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
414	89.3	0.0	6.255E-009	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, CCW-LF-RHE2A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A
415	89.3	0.0	6.255E-009	UNITY, LPR-MOV-FT-1860B, PROB-RHR2A, CCW-LF-RHE2A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A
416	89.3	0.0	6.208E-009	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
417	89.4	0.0	6.208E-009	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
418	89.4	0.0	.6.194E-009	UNITY, LOOPISOLATED2R6, REFUEL, RHR-XVM-PG-XV6, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
419	89.4	0.0	6.194E-009	UNITY, LOOPISOLATED2R6, REFUEL, RHR-XVM-PG-XV2, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
420	89.5	0.0	6.193E-009	UNITY, ACP-INV-NO-UPSB1, ACP-TFM-NO-1J1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
421	89.5	0.0	6.090E-009	UNITY, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
422	89.5	0.0	6.084E-009	UNITY, LOBP, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
423	89.5	0.0	5.982E-009	UNITY, LOBP, OEP-DGN-FS-DG01, FREQ-RHR2B, PROB-W2D6, DR-MT, DURATION-D6
424	89.6	0.0	5.974E-009	UNITY, ACP-TFM-NO-1J1, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
425	89.6	0.0	5.974E-009	UNITY, ACP-TFM-NO-1J, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
426	89.6	0.0	5.955E-009	UNITY, RHR-XVM-PG-XV6, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
427	89.6	0.0	5.955E-009	UNITY, RHR-XVM-PG-XV2, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
428	89.7	0.0	5.933E-009	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12
429	89.7	0.0	5.933E-009	UNITY, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12
430	89.7	0.0	5.920E-009	UNITY, LPR-MOV-FT-1862B, RHR-ASF-PG-1605, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
431	89.7	0.0	5.914E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
432	89.8	0.0	5.880E-009	UNITY, ACP-CRB-CO-15H7, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
433	89.8	0.0	5.880E-009	UNITY, ACP-CRB-CO-14H15, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
434	89.8	0.0	5.865E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L3, D-L3W1-XHE
435	89.8	0.0	5.859E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, D-SIW1-XHE, FREQ-SI
436	89.9	0.0	5.844E-009	UNITY, RHR-XVM-PG-XV6, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
437	89.9	0.0	5.844E-009	UNITY, RHR-XVM-PG-XV2, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
438	89.9	0.0	5.797E-009	UNITY, LPR-MOV-FT-1862B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB
439	89.9	0.0	5.768E-009	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
440	90.0	0.0	5.761E-009	UNITY, AFW-MDP-MA-FW3B, RHR-ASF-PG-1605, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
441	90.0	0.0	5.744E-009	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
442	90.0	0.0	5.739E-009	UNITY, REFUEL, LOSP, OEP-DGN-FS-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
443	90.0	0.0	5.705E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, PROB-RHR2A, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6A
444	90.0	0.0	5.693E-009	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3
445	90.1	0.0	5.685E-009	UNITY, REFUEL, LOSP, OEP-DGN-FS-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV
446	90.1	0.0	5.672E-009	UNITY, ACP-CRB-CO-15H7, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
447	90.1	0.0	5.672E-009	UNITY, ACP-CRB-CO-14H15, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
448	90.1	0.0	5.671E-009	UNITY, RHR-MDP-FS-RHR1B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
449	90.2	0.0	5.669E-009	UNITY, REFUEL, PROB-RHR2A, RWT-TNK-LF-RWST, PZR-SV-REMOVEDW3, PROB-W3R6A
450	90.2	0.0	5.647E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
451	90.2	0.0	5.641E-009	UNITY, PROB-RHR2A, RHR-SRV-CO-1721, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
452	90.2	0.0	5.623E-009	UNITY, PROB-RHR2A, CCW-SO-RV121, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
453	90.3	0.0	5.623E-009	UNITY, PROB-RHR2A, CCW-SO-RV118, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
454	90.3	0.0	5.554E-009	UNITY, CCW-MDP-MA-CCP1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
455	90.3	0.0	5.541E-009	UNITY, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
456	90.3	0.0	5.525E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, CCW-AOV-XHE-109, FREQ-L2, NRAC262, PROB-1HFAILEDL2
457	90.4	0.0	5.499E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
458	90.4	0.0	5.483E-009	UNITY, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
459	90.4	0.0	5.443E-009	UNITY, MSS-AOV-FC-101B, CCW-LF-RHE2A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
460	90.4	0.0	5.443E-009	UNITY, MSS-AOV-FC-101A, CCW-LF-RHE2A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
461	90.4	0.0	5.424E-009	UNITY, ACP-BAC-ST-V1111, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
462	90.5	0.0	5.424E-009	UNITY, ACP-BAC-ST-VB111, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
463	90.5	0.0	5.424E-009	UNITY, LPI-MDP-FS-S11B, PROB-RHR2A, RHR-ASF-PG-1605, DR-MT, PROB-W1D6A
464	90.5	0.0	5.424E-009	UNITY, LPR-MOV-FT-1860B, PROB-RHR2A, RHR-ASF-PG-1605, DR-MT, PROB-W1D6A
465	90.5	0.0	5.394E-009	UNITY, DCP-BDC-ST-BUS1B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB
466	90.6	0.0	5.394E-009	UNITY, ACP-BAC-ST-4KV1J, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB
467	90.6	0.0	5.368E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6
468	90.6	0.0	5.367E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-FL-19, H-SI-REC-W1, FREQ-SI
469	90.6	0.0	5.345E-009	UNITY, LPI-XVM-PG-XV48, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
470	90.7	0.0	5.332E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, D-L3W2-XHE
471	90.7	0.0	5.317E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV
472	90.7	0.0	5.286E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2, A-L2W3-XHE-R-4
473	90.7	0.0	5.241E-009	UNITY, FREQ-RHR2B, PROB-W1D6, A-RBW1-XHE-R-4, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
474	90.7	0.0	5.235E-009	UNITY, LOSP, LPR-MOV-FT-1862B, PROB-RHR2A, DR-MT, PROB-W1D6A
475	90.8	0.0	5.215E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-RHR3, PROB-W1D6, A-R3W1-XHE-FL-9, DR-MT, DURATION-D6
476	90.8	0.0	5.197E-009	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
477	90.8	0.0	5.197E-009	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
478	90.8	0.0	5.131E-009	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
479	90.9	0.0	5.123E-009	UNITY, LPR-MOV-FT-1860B, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
480	90.9	0.0	5.123E-009	UNITY, LPI-MDP-FS-SI1B, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
481	90.9	0.0	5.101E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6
482	90.9	0.0	5.081E-009	UNITY, MSS-AOV-FC-101B, MSS-NRV-MA-101B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
483	90.9	0.0	5.081E-009	UNITY, MSS-AOV-FC-101A, MSS-NRV-MA-101A, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
484	91.0	0.0	5.081E-009	UNITY, LPI-CCF-FS-SI1AB, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
485	91.0	0.0	5.069E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
486	91.0	0.0	5.068E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-FS-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
487	91.0	0.0	4.982E-009	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
488	91.0	0.0	4.981E-009	UNITY, CON-VFC-RP-COREM, RHR-MDP-FS-RHR1B, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
489	91.1	0.0	4.978E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-SI-REC-W2, FREQ-SI
490	91.1	0.0	4.975E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
491	91.1	0.0	4.973E-009	UNITY, LPR-MOV-FT-1862B, RHR-MDP-FR-B24HR, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
492	91.1	0.0	4.954E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, ISR-MDP-FS-RS1A, OSR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
493	91.1	0.0	4.946E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILED12, FIRE-PUMP, SOLAIR-COMP
494	91.2	0.0	4.932E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, D-SIW2-XHE, FREQ-SI
495	91.2	0.0	4.895E-009	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-MA-CCP1B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILED12
496	91.2	0.0	4.868E-009	UNITY, ACP-CRB-CO-15H7, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
497	91.2	0.0	4.868E-009	UNITY, ACP-CRB-CO-14H15, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
498	91.3	0.0	4.855E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2A, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, /PROB-1HFAILED13
499	91.3	0.0	4.846E-009	UNITY, LPI-MDP-FR-B24HR, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
500	91.3	0.0	4.771E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-CCF-FS-MDPAB, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
501	91.3	0.0	4.736E-009	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, A-R5W1-XHE-R-4
502	91.3	0.0	4.725E-009	UNITY, LOSP, OEP-DGN-FR-DG01, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
503	91.4	0.0	4.721E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, CCW-AOV-XHE-109, FREQ-L2, NRAC200, PROB-1HFAILEDL2
504	91.4	0.0	4.701E-009	UNITY, HPI-CCF-FT-115BD, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A
505	91.4	0.0	4.694E-009	UNITY, CON-VFC-RP-COREM, ISR-MDP-FS-RS1A, OSR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
506	91.4	0.0	4.691E-009	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, A-4KW1-XHE-R-3
507	91.4	0.0	4.666E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6
508	91.5	0.0	4.665E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-XVM-PG-XV6, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
509	91.5	0.0	4.665E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-XVM-PG-XV2, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
510	91.5	0.0	4.651E-009	UNITY, REFUEL, CCW-LF-RHE2A, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, /PROB-1HFAILEDL3
511	91.5	0.0	4.646E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, PROB-1HFAILEDL3
512	91.5	0.0	4.585E-009	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, D-SIW4-XHE, FREQ-SI
513	91.5	0.0	4.583E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6, D-RBW2-XHE
514	91.6	0.0	4.563E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
515	91.6	0.0	4.554E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-9, FREQ-SI, A-SIW1-XHE-R-3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
516	91.6	0.0	4.506E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
517	91.6	0.0	4.469E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, SGB-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
518	91.6	0.0	4.469E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, SGA-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
519	91.7	0.0	4.437E-009	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W1-XHE-R-4
520	91.7	0.0	4.423E-009	UNITY, LOSP, OEP-CRB-FT-15H3, PROB-RHR2A, DR-MT, PROB-W2D6A
521	91.7	0.0	4.402E-009	UNITY, ACP-CRB-CO-14J14, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
522	91.7	0.0	4.402E-009	UNITY, ACP-CRB-CO-15J7, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
523	91.7	0.0	4.402E-009	UNITY, ACP-CRB-CO-14J11, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
524	91.8	0.0	4.395E-009	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6
525	91.8	0.0	4.394E-009	UNITY, ACP-TFM-NO-1J1, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
526	91.8	0.0	4.394E-009	UNITY, ACP-TFM-NO-1J, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
527	91.8	0.0	4.372E-009	UNITY, LPI-MDP-FS-SI1B, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
528	91.8	0.0	4.372E-009	UNITY, LPI-MDP-FS-SI1B, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
529	91.8	0.0	4.372E-009	UNITY, LPR-MOV-FT-1860B, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
530	91.9	0.0	4.372E-009	UNITY, LPR-MOV-FT-1860B, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
531	91.9	0.0	4.371E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MOV-FT-151F, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL

End State ->CD

Mincut Upper Bound -> 2.367E-005

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
532	91.9	0.0	4.371E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MOV-FT-151D, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
533	91.9	0.0	4.311E-009	UNITY, LOSP, OEP-DGN-FC-DG3U2, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
534	91.9	0.0	4.287E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, /PROB-1HFAILEDL3
535	92.0	0.0	4.279E-009	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L1, D-L1W3-XHE
536	92.0	0.0	4.270E-009	UNITY, LOSP, OEP-DGN-FC-DG3U2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
537	92.0	0.0	4.268E-009	UNITY, AFW-MDP-FS-FW3B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
538	92.0	0.0	4.263E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-S2-17
539	92.0	0.0	4.246E-009	UNITY, ACP-CRB-CO-15J7, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
540	92.0	0.0	4.246E-009	UNITY, ACP-CRB-CO-14J14, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
541	92.1	0.0	4.246E-009	UNITY, ACP-CRB-CO-14J11, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
542	92.1	0.0	4.246E-009	UNITY, ACP-CRB-CO-14J1, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
543	92.1	0.0	4.234E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, H-4KV-REC-W2, FREQ-4KV
544	92.1	0.0	4.223E-009	UNITY, LOOPISOLATED2R6, REFUEL, RHR-ASF-PG-1605, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
545	92.1	0.0	4.221E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, FREQ-L2, A-L2W1-XHE-R-4
546	92.2	0.0	4.217E-009	UNITY, CON-VFC-RP-COREM, SWS-MOV-OP-RSS, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
547	92.2	0.0	4.202E-009	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
548	92.2	0.0	4.202E-009	UNITY, FREQ-RHR3, D-R3W2-XHE, PROB-W2D6, DR-MT, DURATION-D6
549	92.2	0.0	4.193E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-AIR, A-ARW1-XHE-R-5, PRNR-ARW1, LPR-CCF-PG-SUMP1

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
550	92.2	0.0	4.178E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101B, MSS-AOV-FC-101C, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
551	92.2	0.0	4.178E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101A, MSS-AOV-FC-101C, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
552	92.3	0.0	4.178E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101A, MSS-AOV-FC-101B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
553	92.3	0.0	4.166E-009	UNITY, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, FIRE-PUMP, SOLAIR-COMP
554	92.3	0.0	4.161E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, CCW-AOV-XHE-109, FREQ-L2, NRAC262, PROB-1HFAILEDL2
555	92.3	0.0	4.149E-009	UNITY, CCW-LF-RHE2A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L3, NRAC200, /PROB-1HFAILEDL3
556	92.3	0.0	4.083E-009	UNITY, ACP-CRB-CO-15H7, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
557	92.3	0.0	4.083E-009	UNITY, ACP-CRB-CO-14H15, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
558	92.4	0.0	4.078E-009	UNITY, RHR-MDP-FR-A24HR, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
559	92.4	0.0	4.078E-009	UNITY, DCP-BAT-LP-BAT1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
560	92.4	0.0	4.078E-009	UNITY, CCW-MDP-FR-CCP1A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
561	92.4	0.0	4.075E-009	UNITY, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
562	92.4	0.0	4.071E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-R-12
563	92.5	0.0	4.064E-009	UNITY, OEP-BAC-ST-FDRD, OEP-DGN-FC-DG3U2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
564	92.5	0.0	4.060E-009	UNITY, RHR-ASF-PG-1605, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
565	92.5	0.0	4.052E-009	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, /PROB-1HFAILEDL3
566	92.5	0.0	4.052E-009	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, /PROB-1HFAILEDL3
567	92.5	0.0	4.030E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-S1-8, LPR-CCF-PG-SUMP1
568	92.5	0.0	3.985E-009	UNITY, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-18, H-SI-REC-W1, FREQ-SI
569	92.6	0.0	3.982E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
570	92.6	0.0	3.970E-009	UNITY, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L3, NRAC200, PROB-1HFAILEDL3
571	92.6	0.0	3.939E-009	UNITY, LPR-MOV-FT-1860B, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
572	92.6	0.0	3.939E-009	UNITY, LPI-MDP-FS-SI1B, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
573	92.6	0.0	3.938E-009	UNITY, ACP-CRB-CO-15H7, CPC-MDP-MA-SW10B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
574	92.6	0.0	3.938E-009	UNITY, ACP-CRB-CO-14H15, CPC-MDP-MA-SW10B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
575	92.7	0.0	3.935E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
576	92.7	0.0	3.931E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, PROB-1HFAILEDL2
577	92.7	0.0	3.931E-009	UNITY, FREQ-CCW, LPI-XVM-PG-XV48, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
578	92.7	0.0	3.913E-009	UNITY, REFUEL, LOSE, OEP-CRB-FT-15H3, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
579	92.7	0.0	3.905E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
580	92.7	0.0	3.902E-009	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-MA-101B, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
581	92.8	0.0	3.902E-009	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-MA-101A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
582	92.8	0.0	3.898E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV
583	92.8	0.0	3.878E-009	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, PROB-1HFAILEDL3
584	92.8	0.0	3.878E-009	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, PROB-1HFAILEDL3
585	92.8	0.0	3.858E-009	UNITY, REFUEL, PROB-RHR2A, RWT-TNK-LF-RWST, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
586	92.8	0.0	3.840E-009	UNITY, AFW-MDP-MA-FW3B, ACP-INV-MA-UPSA2, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
587	92.9	0.0	3.835E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, A-CCW1-XHE-FL-10
588	92.9	0.0	3.814E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, D-L3W3-XHE
589	92.9	0.0	3.784E-009	UNITY, CCW-MDP-FS-CCP1B, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
590	92.9	0.0	3.784E-009	UNITY, MSS-AOV-FC-101A, RHR-MDP-FS-RHR1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
591	92.9	0.0	3.784E-009	UNITY, MSS-AOV-FC-101B, RHR-MDP-FS-RHR1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
592	92.9	0.0	3.784E-009	UNITY, CCW-MDP-FS-CCP1B, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
593	92.9	0.0	3.781E-009	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
594	93.0	0.0	3.767E-009	UNITY, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
595	93.0	0.0	3.767E-009	UNITY, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
596	93.0	0.0	3.713E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-B1, NRAC346, A-B1W3-XHE-CW-4
597	93.0	0.0	3.703E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4
598	93.0	0.0	3.686E-009	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
599	93.0	0.0	3.667E-009	UNITY, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, D-RAW4-XHE, PROB-W4R10A
600	93.1	0.0	3.659E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV, A-4KW3-XHE-FL-13
601	93.1	0.0	3.650E-009	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
602	93.1	0.0	3.643E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, ISR-MDP-FS-RS1A, FREQ-CCW, OSR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
603	93.1	0.0	3.642E-009	UNITY, ACP-INV-NO-UPSA2, MSS-NRV-MA-101B, MSS-AOV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
604	93.1	0.0	3.642E-009	UNITY, ACP-INV-NO-UPSA2, MSS-NRV-MA-101A, MSS-AOV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
605	93.1	0.0	3.635E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW2, PROB-W2R6A
606	93.1	0.0	3.634E-009	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B1
607	93.2	0.0	3.625E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3
608	93.2	0.0	3.615E-009	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV
609	93.2	0.0	3.614E-009	UNITY, FREQ-RHR3, PROB-W3D6, D-R3W3-XHE, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL

End State ->CD

Mincut Upper Bound -> 2.367E-005

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
610	93.2	0.0	3.608E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
611	93.2	0.0	3.599E-009	UNITY, LOOPISOLATED2R6, REFUEL, RHR-MDP-FS-RHR1A, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
612	93.2	0.0	3.599E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2, CCW-MDP-FS-CCP1A
613	93.3	0.0	3.597E-009	UNITY, SGB-DRAINED-R, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
614	93.3	0.0	3.597E-009	UNITY, SGA-DRAINED-R, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
615	93.3	0.0	3.593E-009	UNITY, PROB-W2D6, FREQ-RHR4, DR-MT, DURATION-D6, D-R4W2-XHE
616	93.3	0.0	3.591E-009	UNITY, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-S2-17
617	93.3	0.0	3.574E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, PROB-1HFAILEDL3, A-L3W2-XHE-CW-4
618	93.3	0.0	3.569E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L3, NRAC200, /PROB-1HFAILEDL3, A-L3W1-XHE-R-4
619	93.3	0.0	3.552E-009	UNITY, RHR-SRV-CO-1721, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
620	93.4	0.0	3.550E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W1-XHE-R-4, A-L1W1-XHE-C-13
621	93.4	0.0	3.541E-009	UNITY, CCW-SO-RV121, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
622	93.4	0.0	3.541E-009	UNITY, CCW-SO-RV118, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
623	93.4	0.0	3.529E-009	UNITY, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
624	93.4	0.0	3.521E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
625	93.4	0.0	3.516E-009	UNITY, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, A-R4W1-XHE-C-9

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
626	93.5	0.0	3.499E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, PROB-1HFAILEDL3
627	93.5	0.0	3.459E-009	UNITY, HPI-MDP-FR-1A6HR, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
628	93.5	0.0	3.448E-009	UNITY, REFUEL, RHR-MDP-FS-RHR1A, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2
629	93.5	0.0	3.448E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2, CCW-MDP-FS-CCP1A
630	93.5	0.0	3.447E-009	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, DR-MT, A-RAW1-XHE-M-12, PROB-W1D6A
631	93.5	0.0	3.416E-009	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SR, D-SRW4-XHE
632	93.5	0.0	3.416E-009	UNITY, LPI-MDP-FS-SI1B, RHR-ASF-PG-1605, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
633	93.6	0.0	3.416E-009	UNITY, LPR-MOV-FT-1860B, RHR-ASF-PG-1605, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
634	93.6	0.0	3.416E-009	UNITY, ACP-BAC-ST-V1III, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
635	93.6	0.0	3.416E-009	UNITY, ACP-BAC-ST-VB1II, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
636	93.6	0.0	3.416E-009	UNITY, RHR-CCF-FS-MDPAB, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
637	93.6	0.0	3.415E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L3, NRAC200, PROB-1HFAILEDL3, A-L3W1-XHE-R-4
638	93.6	0.0	3.405E-009	UNITY, CPC-MDP-FS-SW20A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B1, NRAC346
639	93.6	0.0	3.390E-009	UNITY, CON-VFC-RP-COREM, PROB-RHR2A, RHR-CCF-FS-MDPAB, OSR-TRA-MA, ISR-TRA-MA, DR-MT, PROB-W1D6A
640	93.7	0.0	3.383E-009	UNITY, RHR-CCF-FS-MDPAB, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV
641	93.7	0.0	3.376E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-CCW, H-CCW-REC-W2, PROB-W2D6, A-CCW2-XHE-S1-8, LPR-CCF-PG-SUMP2, DR-MT, DURATION-D6
642	93.7	0.0	3.368E-009	UNITY, FREQ-RHR3, D-R3W1-XHE, PROB-W1D6, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
643	93.7	0.0	3.365E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
644	93.7	0.0	3.363E-009	UNITY, PROB-RHR2A, RHR-MDP-FS-RHR1A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
645	93.7	0.0	3.363E-009	UNITY, PROB-RHR2A, RHR-MDP-FS-RHR1B, CCW-LF-RHE2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
646	93.7	0.0	3.359E-009	UNITY, REFUEL, LOSP, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
647	93.8	0.0	3.344E-009	UNITY, LPI-MDP-FS-SI1B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB
648	93.8	0.0	3.344E-009	UNITY, LPR-MOV-FT-1860B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB
649	93.8	0.0	3.307E-009	UNITY, ACP-INV-NO-UPSB1, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, FIRE-PUMP, SOLAIR-COMP, 2EH1L2
650	93.8	0.0	3.303E-009	UNITY, REFUEL, LOSP, OEP-DGN-FS-DG01, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
651	93.8	0.0	3.301E-009	UNITY, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
652	93.8	0.0	3.298E-009	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
653	93.8	0.0	3.296E-009	UNITY, LOSP, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
654	93.9	0.0	3.279E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6, D-RBW3-XHE
655	93.9	0.0	3.278E-009	UNITY, DCP-BDC-ST-BUS1B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
656	93.9	0.0	3.278E-009	UNITY, ACP-BAC-ST-4KV1J, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
657	93.9	0.0	3.254E-009	UNITY, LPI-CCF-FS-SI1AB, PROB-RHR2A, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A
658	93.9	0.0	3.239E-009	UNITY, REFUEL, LOSP, OEP-CRB-FT-15H3, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
659	93.9	0.0	3.192E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B2, NRAC262

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
660	93.9	0.0	3.192E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, D-L2W3-XHE
661	93.9	0.0	3.192E-009	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FR-CCP1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
662	94.0	0.0	3.192E-009	UNITY, AFW-MDP-MA-FW3B, RHR-MDP-FR-B24HR, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
663	94.0	0.0	3.192E-009	UNITY, AFW-MDP-MA-FW3B, DCP-BAT-LP-BAT1A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
664	94.0	0.0	3.181E-009	UNITY, REFUEL, LOSEP, OEP-DGN-FC-DG3U2, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A
665	94.0	0.0	3.181E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-ASF-PG-1605, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
666	94.0	0.0	3.123E-009	UNITY, ACP-CRB-CO-14J11, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
667	94.0	0.0	3.123E-009	UNITY, ACP-CRB-CO-15J7, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
668	94.0	0.0	3.123E-009	UNITY, ACP-CRB-CO-14J14, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
669	94.1	0.0	3.123E-009	UNITY, ACP-CRB-CO-14J1, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
670	94.1	0.0	3.105E-009	UNITY, REFUEL, SGS-DRAINED-R, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
671	94.1	0.0	3.102E-009	UNITY, CON-VFC-RP-COREM, FREQ-CCW, SWS-MOV-OP-RSS, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
672	94.1	0.0	3.090E-009	UNITY, PROB-W3D6, FREQ-RHR4, DR-MT, DURATION-D6, D-R4W3-XHE
673	94.1	0.0	3.089E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, FREQ-RHR2B, PROB-W2D6, DR-MT, DURATION-D6
674	94.1	0.0	3.086E-009	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
675	94.1	0.0	3.075E-009	UNITY, CON-VFC-RP-COREM, ISR-CCF-FS-RS1AB, OSR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
676	94.1	0.0	3.039E-009	UNITY, LPR-MOV-FT-1862B, RHR-XVM-PG-XV6, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
677	94.2	0.0	3.039E-009	UNITY, LPR-MOV-FT-1862B, RHR-XVM-PG-XV2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
678	94.2	0.0	3.038E-009	UNITY, LOSP, OEP-DGN-FS-DG01, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1
679	94.2	0.0	3.022E-009	UNITY, REFUEL, RWT-TNK-LF-RWST, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
680	94.2	0.0	3.021E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, D-VBW4-XHE, FREQ-VB
681	94.2	0.0	3.020E-009	UNITY, LOSP, LPR-MOV-FT-1860B, PROB-RHR2A, DR-MT, PROB-W1D6A
682	94.2	0.0	3.020E-009	UNITY, LOSP, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A
683	94.2	0.0	3.020E-009	UNITY, LOSP, OEP-CRB-FT-15J3, PROB-RHR2A, DR-MT, PROB-W1D6A
684	94.2	0.0	3.020E-009	UNITY, LOSP, OEP-CRB-FT-15H3, PROB-RHR2A, DR-MT, PROB-W1D6A
685	94.3	0.0	3.018E-009	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A
686	94.3	0.0	2.964E-009	UNITY, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-S1-8, LPR-CCF-PG-SUMP1
687	94.3	0.0	2.964E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
688	94.3	0.0	2.952E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, ISR-MDP-FS-RS1A, FREQ-CCW, DURATION-R6, OSR-TRA-MA, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
689	94.3	0.0	2.949E-009	UNITY, LPR-MOV-FT-1862B, RHR-MDP-FS-RHR1B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6
690	94.3	0.0	2.949E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-C-8
691	94.3	0.0	2.949E-009	UNITY, LOSP, OEP-DGN-FR-DG01, PROB-RHR2A, DR-MT, PROB-W2D6A
692	94.3	0.0	2.936E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
693	94.4	0.0	2.935E-009	UNITY, LPR-CCF-FT-862AB, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
694	94.4	0.0	2.935E-009	UNITY, LPR-CCF-FT-860AB, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
695	94.4	0.0	2.933E-009	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, RHR-SRV-CO-1721, DR-MT, PROB-W1D6A
696	94.4	0.0	2.924E-009	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, CCW-SO-RV121, DR-MT, PROB-W1D6A
697	94.4	0.0	2.924E-009	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, CCW-SO-RV118, DR-MT, PROB-W1D6A
698	94.4	0.0	2.915E-009	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
699	94.4	0.0	2.915E-009	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
700	94.4	0.0	2.907E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-S2-17
701	94.5	0.0	2.897E-009	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, D-L2W4-XHE
702	94.5	0.0	2.896E-009	UNITY, ACP-CRB-CO-15H7, CPC-MDP-MA-SW10B, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
703	94.5	0.0	2.896E-009	UNITY, ACP-CRB-CO-14H15, CPC-MDP-MA-SW10B, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
704	94.5	0.0	2.893E-009	UNITY, CON-VFC-RP-COREM, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A
705	94.5	0.0	2.893E-009	UNITY, CON-VFC-RP-COREM, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A
706	94.5	0.0	2.887E-009	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV
707	94.5	0.0	2.887E-009	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
708	94.5	0.0	2.887E-009	UNITY, MSS-AOV-MA-101B, CCW-LF-RHE2A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILED2, 2EH1L2
709	94.6	0.0	2.887E-009	UNITY, MSS-AOV-MA-101A, CCW-LF-RHE2A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILED2, 2EH1L2
710	94.6	0.0	2.869E-009	UNITY, LPI-MDP-FS-SI1B, RHR-MDP-FR-B24HR, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQU-SI
711	94.6	0.0	2.869E-009	UNITY, LPR-MOV-FT-1860B, RHR-MDP-FR-B24HR, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQU-SI
712	94.6	0.0	2.856E-009	UNITY, ACP-INV-NO-UPSB1, SGB-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILED2, 2EH1L2
713	94.6	0.0	2.856E-009	UNITY, ACP-INV-NO-UPSB1, SGA-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILED2, 2EH1L2
714	94.6	0.0	2.841E-009	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQU-4KV, SSHR-AOV-XHE-105
715	94.6	0.0	2.841E-009	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQU-4KV, SSHR-AOV-XHE-105
716	94.6	0.0	2.836E-009	UNITY, PROB-W1D6, FREQU-RHR4, DR-MT, DURATION-D6, D-R4W1-XHE
717	94.7	0.0	2.820E-009	UNITY, ACP-BAC-ST-V1111, LPR-MOV-FT-1862B, PROB-RHR2A, DR-MT, PROB-W1D6A
718	94.7	0.0	2.820E-009	UNITY, ACP-BAC-ST-VB111, LPR-MOV-FT-1862B, PROB-RHR2A, DR-MT, PROB-W1D6A
719	94.7	0.0	2.816E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQU-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6
720	94.7	0.0	2.815E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, ACP-INV-MA-UPSA2, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQU-4KV
721	94.7	0.0	2.793E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, SGB-DRAINED-R, FREQU-RHR3, PROB-W2D6, DR-MT, DURATION-D6
722	94.7	0.0	2.793E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, SGA-DRAINED-R, FREQU-RHR3, PROB-W2D6, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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723	94.7	0.0	2.789E-009	UNITY, LO SP, OEP-DGN-FS-DG01, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
724	94.7	0.0	2.789E-009	UNITY, LO SP, OEP-DGN-FS-DG03, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
725	94.7	0.0	2.763E-009	UNITY, LO SP, OEP-DGN-FS-DG01, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
726	94.8	0.0	2.763E-009	UNITY, LO SP, OEP-DGN-FS-DG03, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
727	94.8	0.0	2.747E-009	UNITY, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2, A-L2W2-XHE-R-4
728	94.8	0.0	2.747E-009	UNITY, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2, A-L2W2-XHE-R-4
729	94.8	0.0	2.736E-009	UNITY, LO SP, OEP-DGN-FS-DG01, PROB-W2D6, DR-MT, DURATION-D6, FREQ-VB
730	94.8	0.0	2.732E-009	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
731	94.8	0.0	2.732E-009	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
732	94.8	0.0	2.732E-009	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
733	94.8	0.0	2.732E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
734	94.8	0.0	2.732E-009	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, A-R5W1-XHE-R-4
735	94.9	0.0	2.732E-009	UNITY, LPR-MOV-FT-1860B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, A-R5W1-XHE-R-4
736	94.9	0.0	2.726E-009	UNITY, LPR-MOV-FT-1862B, FREQ-RHR2B, PROB-W1D6, A-RBW1-XHE-R-4, DR-MT, DURATION-D6
737	94.9	0.0	2.712E-009	UNITY, PROB-RHR2A, RHR-CCF-FS-MDPAB, DR-MT, A-RAW1-XHE-C-9, PROB-W1D6A
738	94.9	0.0	2.711E-009	UNITY, CON-VFC-RP-COREM, REFUEL, FREQ-CCW, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
739	94.9	0.0	2.707E-009	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, A-4KW1-XHE-R-3
740	94.9	0.0	2.707E-009	UNITY, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, A-4KW1-XHE-R-3
741	94.9	0.0	2.707E-009	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
742	94.9	0.0	2.707E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
743	95.0	0.0	2.707E-009	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
744	95.0	0.0	2.707E-009	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
745	95.0	0.0	2.707E-009	UNITY, ACP-INV-MA-UPSA2, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
746	95.0	0.0	2.688E-009	UNITY, REFUEL, RHR-MDP-FS-RHR1A, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
747	95.0	0.0	2.688E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2, CCW-MDP-FS-CCP1A
748	95.0	0.0	2.630E-009	UNITY, OEP-BAC-ST-FDRD, OEP-DGN-FS-DG03, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
749	95.0	0.0	2.626E-009	UNITY, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
750	95.0	0.0	2.609E-009	UNITY, REFUEL, LOSEP, OEP-DGN-FR-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
751	95.0	0.0	2.606E-009	UNITY, CON-VFC-RP-COREM, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A
752	95.1	0.0	2.603E-009	UNITY, ACP-BAC-ST-1J1-2, PROB-RHR2A, SAS-CPS-FR-2SAC1, DR-MT, PROB-W1D6A
753	95.1	0.0	2.603E-009	UNITY, ACP-BAC-ST-4KV1J, PROB-RHR2A, SAS-CPS-FR-2SAC1, DR-MT, PROB-W1D6A
754	95.1	0.0	2.603E-009	UNITY, ACP-BAC-ST-1J1-2, PROB-RHR2A, SAS-CPS-FR-1SAC1, DR-MT, PROB-W1D6A
755	95.1	0.0	2.603E-009	UNITY, ACP-BAC-ST-1J1, PROB-RHR2A, SAS-CPS-FR-1SAC1, DR-MT, PROB-W1D6A
756	95.1	0.0	2.603E-009	UNITY, ACP-BAC-ST-4KV1J, PROB-RHR2A, SAS-CPS-FR-1SAC1, DR-MT, PROB-W1D6A
757	95.1	0.0	2.603E-009	UNITY, ACP-BAC-ST-1J1, PROB-RHR2A, SAS-CPS-FR-2SAC1, DR-MT, PROB-W1D6A
758	95.1	0.0	2.601E-009	UNITY, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV
759	95.1	0.0	2.600E-009	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
760	95.1	0.0	2.589E-009	UNITY, LOSEP, OEP-DGN-FS-DG01, PROB-W2D6, FREQ-RHR4, DR-MT, DURATION-D6
761	95.2	0.0	2.587E-009	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
762	95.2	0.0	2.577E-009	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
763	95.2	0.0	2.569E-009	UNITY, PROB-W4D6, DR-MT, DURATION-D6, D-SIW4-XHE, FREQ-SI
764	95.2	0.0	2.549E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, CCW-CCF-FS-MDPAB
765	95.2	0.0	2.549E-009	UNITY, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
766	95.2	0.0	2.547E-009	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-FC-101B, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3
767	95.2	0.0	2.547E-009	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-FC-101A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3
768	95.2	0.0	2.544E-009	UNITY, HPI-MDP-FR-1A6HR, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
769	95.2	0.0	2.534E-009	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
770	95.2	0.0	2.523E-009	UNITY, CCW-MDP-MA-CCP1B, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
771	95.3	0.0	2.523E-009	UNITY, CCW-MDP-MA-CCP1B, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
772	95.3	0.0	2.513E-009	UNITY, RHR-MDP-FS-RHR1B, SGB-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
773	95.3	0.0	2.513E-009	UNITY, SGA-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-R-12
774	95.3	0.0	2.513E-009	UNITY, SGB-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-R-12

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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775	95.3	0.0	2.513E-009	UNITY, CCW-MDP-FS-CCP1B, SGB-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
776	95.3	0.0	2.513E-009	UNITY, RHR-MDP-FS-RHR1B, SGA-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
777	95.3	0.0	2.513E-009	UNITY, CCW-MDP-FS-CCP1B, SGA-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
778	95.3	0.0	2.513E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
779	95.3	0.0	2.510E-009	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
780	95.4	0.0	2.502E-009	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV
781	95.4	0.0	2.496E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, CCW-LF-RHE2B, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6
782	95.4	0.0	2.492E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW3, PROB-W3R6A
783	95.4	0.0	2.492E-009	UNITY, RHR-XVM-PG-XV8, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
784	95.4	0.0	2.492E-009	UNITY, RHR-XVM-PG-XV12, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
785	95.4	0.0	2.481E-009	UNITY, LOSEP, OEP-DGN-FC-DG3U2, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6
786	95.4	0.0	2.481E-009	UNITY, MSS-AOV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, A-L2W2-XHE-R-4
787	95.4	0.0	2.481E-009	UNITY, MSS-AOV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, A-L2W2-XHE-R-4
788	95.4	0.0	2.477E-009	UNITY, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, D-CCW1-XHE, DR-MT, DURATION-D6
789	95.5	0.0	2.476E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BAT-LP-BAT1B, PROB-RHR2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, DR-MT, PROB-W1D6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
790	95.5	0.0	2.473E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV
791	95.5	0.0	2.472E-009	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12
792	95.5	0.0	2.472E-009	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
793	95.5	0.0	2.471E-009	UNITY, LPI-CKV-FT-CV50, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
794	95.5	0.0	2.471E-009	UNITY, LPR-CKV-FT-CV47, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
795	95.5	0.0	2.453E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-FL-19, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
796	95.5	0.0	2.440E-009	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, D-SIW3-XHE, FREQ-SI
797	95.5	0.0	2.436E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-B2, NRAC200
798	95.5	0.0	2.411E-009	UNITY, PROB-RHR2A, CCW-XMV-PG-CC100, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
799	95.6	0.0	2.411E-009	UNITY, PROB-RHR2A, CCW-AOV-PG-109B, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
800	95.6	0.0	2.411E-009	UNITY, PROB-RHR2A, CCW-XMV-PG-CC220, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
801	95.6	0.0	2.407E-009	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
802	95.6	0.0	2.407E-009	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
803	95.6	0.0	2.397E-009	UNITY, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-VB, A-VBW1-XHE-R-3
804	95.6	0.0	2.381E-009	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
805	95.6	0.0	2.379E-009	UNITY, LPR-CCF-FT-863AB, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
806	95.6	0.0	2.357E-009	UNITY, AFW-MDP-FS-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
807	95.6	0.0	2.346E-009	UNITY, ACP-CRB-CO-15H7, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
808	95.6	0.0	2.346E-009	UNITY, ACP-CRB-CO-14H15, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
809	95.7	0.0	2.340E-009	UNITY, LOOPISOLATED2R6, DCP-BAT-LP-BAT1A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
810	95.7	0.0	2.340E-009	UNITY, LOOPISOLATED2R6, REFUEL, RHR-MDP-FR-B24HR, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
811	95.7	0.0	2.340E-009	UNITY, CCW-MDP-FR-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
812	95.7	0.0	2.336E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
813	95.7	0.0	2.320E-009	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
814	95.7	0.0	2.320E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, D-R3W2-XHE, /PZR-SV-REMOVEDW2, PROB-W2R6
815	95.7	0.0	2.317E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-R-12
816	95.7	0.0	2.314E-009	UNITY, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, A-RAW1-XHE-C-9, PROB-W1D6A
817	95.7	0.0	2.314E-009	UNITY, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, A-RAW1-XHE-C-9, PROB-W1D6A
818	95.7	0.0	2.314E-009	UNITY, PROB-RHR2A, SAS-CCF-FR-SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
819	95.8	0.0	2.302E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW3, PROB-W3R6
820	95.8	0.0	2.300E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, FIRE-PUMP, SOLAIR-COMP

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
821	95.8	0.0	2.292E-009	UNITY, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, A-R3W2-XHE-X, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
822	95.8	0.0	2.281E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, MSS-AOV-FC-101B, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
823	95.8	0.0	2.281E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, MSS-AOV-FC-101C, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
824	95.8	0.0	2.281E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, MSS-AOV-FC-101A, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
825	95.8	0.0	2.277E-009	UNITY, RHR-ASF-PG-1605, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
826	95.8	0.0	2.274E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
827	95.8	0.0	2.268E-009	UNITY, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
828	95.8	0.0	2.268E-009	UNITY, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, A-R4W1-XHE-R-4, LPR-CCF-PG-SUMP1
829	95.8	0.0	2.266E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-S11B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
830	95.9	0.0	2.265E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
831	95.9	0.0	2.262E-009	UNITY, CON-VFC-RP-COREM, ISR-CCF-FS-RS1AB, FREQ-CCW, OSR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
832	95.9	0.0	2.261E-009	UNITY, REFUEL, DURATION-R6, SGC-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
833	95.9	0.0	2.261E-009	UNITY, REFUEL, DURATION-R6, SGB-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
834	95.9	0.0	2.261E-009	UNITY, REFUEL, DURATION-R6, SGA-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
835	95.9	0.0	2.261E-009	UNITY, LOSEP, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
836	95.9	0.0	2.260E-009	UNITY, CON-VFC-RP-COREM, PROB-RHR2A, RHR-ASF-PG-1605, OSR-TRA-MA, ISR-TRA-MA, DR-MT, PROB-W1D6A
837	95.9	0.0	2.256E-009	UNITY, RHR-ASF-PG-1605, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV
838	95.9	0.0	2.253E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
839	95.9	0.0	2.253E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1860B, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
840	96.0	0.0	2.237E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, PROB-1HFAILEDL2
841	96.0	0.0	2.237E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, A-SIW2-XHE-X, H-SI-REC-W2, FREQ-SI
842	96.0	0.0	2.223E-009	UNITY, ACP-BAC-ST-1J1, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
843	96.0	0.0	2.223E-009	UNITY, ACP-BAC-ST-1J1-2, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
844	96.0	0.0	2.223E-009	UNITY, ACP-BAC-ST-4801J, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
845	96.0	0.0	2.200E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
846	96.0	0.0	2.196E-009	UNITY, CON-VFC-RP-COREM, OSR-MDP-FS-RS2A, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
847	96.0	0.0	2.195E-009	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, A-L2W1-XHE-R-4

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
848	96.0	0.0	2.185E-009	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101B, CIR-COND-UNAVLBL, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
849	96.0	0.0	2.185E-009	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101A, CIR-COND-UNAVLBL, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
850	96.0	0.0	2.181E-009	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-AIR, A-ARW1-XHE-R-5, PRNR-ARW1
851	96.1	0.0	2.169E-009	UNITY, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-C-9
852	96.1	0.0	2.169E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, PROB-RHR2A, SGB-DRAINED-R, DR-MT, PROB-W2D6A
853	96.1	0.0	2.169E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, PROB-RHR2A, SGA-DRAINED-R, DR-MT, PROB-W2D6A
854	96.1	0.0	2.159E-009	UNITY, REFUEL, LOSEP, OEP-DGN-FR-DG01, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
855	96.1	0.0	2.151E-009	UNITY, REFUEL, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
856	96.1	0.0	2.151E-009	UNITY, REFUEL, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
857	96.1	0.0	2.146E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-CKV-FT-CV46B, PROB-RHR2A, DR-MT, PROB-W1D6A
858	96.1	0.0	2.146E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-CKV-FT-CV50, PROB-RHR2A, DR-MT, PROB-W1D6A
859	96.1	0.0	2.145E-009	UNITY, CON-VFC-RP-COREM, ISR-MDP-FS-RS1A, OSR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
860	96.1	0.0	2.144E-009	UNITY, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, CCW-AOV-XHE-109, FREQ-L2, NRAC262, PROB-1HFAILED12
861	96.1	0.0	2.144E-009	UNITY, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, CCW-AOV-XHE-109, FREQ-L2, NRAC262, PROB-1HFAILED12
862	96.2	0.0	2.140E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FREQ-RHR5, FRAC-POS10, DURATION-R10, D-R5W4-XHE

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
863	96.2	0.0	2.135E-009	UNITY, CON-VFC-RP-COREM, RHR-CCF-FS-MDPAB, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
864	96.2	0.0	2.122E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILED1L2
865	96.2	0.0	2.120E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, ACP-INV-MA-UPSA2, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
866	96.2	0.0	2.119E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-4KV, D-4KW4-XHE
867	96.2	0.0	2.119E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-FS-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILED1L2
868	96.2	0.0	2.118E-009	UNITY, RHR-MDP-FS-RHR1A, CCW-LF-RHE2B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
869	96.2	0.0	2.118E-009	UNITY, RHR-MDP-FS-RHR1B, CCW-LF-RHE2A, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
870	96.2	0.0	2.114E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, D-L2W2-XHE
871	96.2	0.0	2.110E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W2, PROB-W2D6, A-CCW2-XHE-S1-8, DR-MT, DURATION-D6
872	96.2	0.0	2.109E-009	UNITY, LOOPISOLATED2R6, HPI-CKV-FT-CV410, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
873	96.3	0.0	2.109E-009	UNITY, LOOPISOLATED2R6, HPI-CKV-FT-CV25, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
874	96.3	0.0	2.100E-009	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
875	96.3	0.0	2.097E-009	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B1
876	96.3	0.0	2.097E-009	UNITY, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B1
877	96.3	0.0	2.096E-009	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-S1-8

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
878	96.3	0.0	2.086E-009	UNITY, DCP-BAT-LP-BAT1B, PROB-RHR2A, RHR-MDP-FS-RHR1A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, DR-MT, PROB-W1D6A
879	96.3	0.0	2.085E-009	UNITY, PROB-RHR2A, CCW-LF-RHE2A, CCW-LF-RHE2B, DR-MT, A-RAW1-XHE-C-9, PROB-W1D6A
880	96.3	0.0	2.083E-009	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, PROB-RHR2A, DR-MT, PROB-W1D6A
881	96.3	0.0	2.079E-009	UNITY, ACP-INV-NO-UPSB1, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, FIRE-PUMP, SOLAIR-COMP, 2EH1L2
882	96.3	0.0	2.063E-009	UNITY, ACP-BAC-ST-4KV1H, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6
883	96.3	0.0	2.062E-009	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
884	96.4	0.0	2.061E-009	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, FREQ-CCW, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
885	96.4	0.0	2.058E-009	UNITY, REFUEL, LOSEP, OEP-DGN-FS-DG01, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A
886	96.4	0.0	2.058E-009	UNITY, REFUEL, LOSEP, OEP-DGN-FS-DG03, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A
887	96.4	0.0	2.049E-009	UNITY, LPI-CCF-FS-S11AB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3
888	96.4	0.0	2.039E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, CCW-AOV-XHE-109, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
889	96.4	0.0	2.032E-009	UNITY, AFW-MOV-FT-151F, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
890	96.4	0.0	2.032E-009	UNITY, AFW-MOV-FT-151D, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
891	96.4	0.0	2.016E-009	UNITY, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-RAW1-XHE-R-4, PROB-W1R6A, LPR-CCF-PG-SUMP1
892	96.4	0.0	2.013E-009	UNITY, LOSEP, OEP-DGN-FR-DG01, PROB-RHR2A, DR-MT, PROB-W1D6A
893	96.4	0.0	2.013E-009	UNITY, LOSEP, OEP-DGN-FR-DG03, PROB-RHR2A, DR-MT, PROB-W1D6A
894	96.4	0.0	2.013E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, RHR-MDP-FS-RHR1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
895	96.4	0.0	2.013E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, CCW-MDP-FS-CCP1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
896	96.5	0.0	2.010E-009	UNITY, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, PROB-1HFAILEDL3, A-L3W2-XHE-R-4
897	96.5	0.0	2.006E-009	UNITY, CPC-MDP-FS-SW20A, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455
898	96.5	0.0	2.005E-009	UNITY, LOSP, OEP-DGN-FS-DG01, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6
899	96.5	0.0	2.000E-009	UNITY, CCW-MDP-FR-CCP1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
900	96.5	0.0	2.000E-009	UNITY, RHR-MDP-FR-B24HR, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
901	96.5	0.0	2.000E-009	UNITY, DCP-BAT-LP-BAT1A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
902	96.5	0.0	1.995E-009	UNITY, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, CCW-CCF-FS-MDPAB
903	96.5	0.0	1.995E-009	UNITY, AFW-MDP-MA-FW3B, RHR-CCF-FS-MDPAB, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
904	96.5	0.0	1.993E-009	UNITY, REFUEL, CCW-LF-RHE2A, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, /PROB-1HFAILEDL3
905	96.5	0.0	1.989E-009	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, A-RAW1-XHE-M-12, PROB-W1D6A
906	96.5	0.0	1.989E-009	UNITY, LPR-MOV-FT-1860B, PROB-RHR2A, DR-MT, A-RAW1-XHE-M-12, PROB-W1D6A
907	96.5	0.0	1.984E-009	UNITY, LOSP, OEP-CCF-FS-DG12, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
908	96.6	0.0	1.984E-009	UNITY, LOSP, OEP-CCF-FS-DG13, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
909	96.6	0.0	1.984E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4, D-R4W2-XHE
910	96.6	0.0	1.982E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-S2-17
911	96.6	0.0	1.978E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, A-VBW1-XHE-C-18, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
912	96.6	0.0	1.969E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, H-4KV-REC-W2, FREQ-4KV
913	96.6	0.0	1.966E-009	UNITY, RHR-CCF-FS-MDPAB, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
914	96.6	0.0	1.954E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CCW-AOV-XHE-109, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2
915	96.6	0.0	1.952E-009	UNITY, DCP-BDC-ST-BUS1B, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV
916	96.6	0.0	1.952E-009	UNITY, ACP-BAC-ST-4KV1J, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV
917	96.6	0.0	1.951E-009	UNITY, AFW-MDP-MA-FW3B, RHR-XVM-PG-XV6, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
918	96.6	0.0	1.951E-009	UNITY, AFW-MDP-MA-FW3B, RHR-XVM-PG-XV2, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
919	96.6	0.0	1.943E-009	UNITY, REFUEL, MSS-AOV-FC-101B, MSS-AOV-FC-101C, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
920	96.7	0.0	1.943E-009	UNITY, REFUEL, MSS-AOV-FC-101A, MSS-AOV-FC-101C, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
921	96.7	0.0	1.943E-009	UNITY, REFUEL, MSS-AOV-FC-101A, MSS-AOV-FC-101B, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
922	96.7	0.0	1.934E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, LPR-CCF-PG-SUMP2, DR-MT, DURATION-D6, FREQ-SI
923	96.7	0.0	1.934E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, LPR-CCF-PG-SUMP2, DR-MT, DURATION-D6, FREQ-SI
924	96.7	0.0	1.934E-009	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
925	96.7	0.0	1.932E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BDC-ST-BUS1B, PROB-RHR2A, DR-MT, PROB-W1D6A
926	96.7	0.0	1.932E-009	UNITY, ACP-BAC-ST-4801J, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-RHR2A, DR-MT, PROB-W1D6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
927	96.7	0.0	1.920E-009	UNITY, AFW-MDP-MA-FW3B, CCW-CKV-FT-CC563, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
928	96.7	0.0	1.920E-009	UNITY, ACC-CKV-FT-CV147, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
929	96.7	0.0	1.920E-009	UNITY, AFW-MDP-MA-FW3B, RHR-CKV-FT-CV5, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
930	96.7	0.0	1.914E-009	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-SR, D-SRW4-XHE
931	96.7	0.0	1.913E-009	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6
932	96.8	0.0	1.902E-009	UNITY, LOSP, OEP-CRB-FT-15J3, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
933	96.8	0.0	1.902E-009	UNITY, LOSP, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
934	96.8	0.0	1.902E-009	UNITY, LOSP, OEP-CRB-FT-15H3, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
935	96.8	0.0	1.902E-009	UNITY, LOSP, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
936	96.8	0.0	1.890E-009	UNITY, HPR-MDP-FR-A18HR, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
937	96.8	0.0	1.884E-009	UNITY, MSS-AOV-FC-101B, CCW-LF-RHE2A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, /PROB-1HFAILEDL3
938	96.8	0.0	1.884E-009	UNITY, MSS-AOV-FC-101A, CCW-LF-RHE2A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, /PROB-1HFAILEDL3
939	96.8	0.0	1.880E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455, A-B1W4-XHE-CW-8
940	96.8	0.0	1.880E-009	UNITY, LPR-CCF-FT-862AB, PROB-RHR2A, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A
941	96.8	0.0	1.880E-009	UNITY, LPR-CCF-FT-860AB, PROB-RHR2A, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A
942	96.8	0.0	1.876E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, /PROB-1HFAILEDL3, A-L3W4-XHE-CW-5

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
943	96.8	0.0	1.867E-009	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-SI-REC-W2, FREQ-SI
944	96.8	0.0	1.864E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, A-CCW2-XHE-S1-8, LPR-CCF-PG-SUMP2
945	96.9	0.0	1.859E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BAT-LP-BAT1B, REFUEL, PROB-RHR2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, /PZR-SV-REMOVEDW2, PROB-W2R6A
946	96.9	0.0	1.852E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, /PROB-1HFAILED12, 2EH1L2
947	96.9	0.0	1.850E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPR-MOV-FT-1890B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
948	96.9	0.0	1.850E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPI-MDP-FS-SI1B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
949	96.9	0.0	1.849E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-CCW, SGB-DRAINED-R, H-CCW-REC-W2, PROB-W2D6, LPR-CCF-PG-SUMP2, DR-MT, DURATION-D6
950	96.9	0.0	1.849E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-CCW, SGA-DRAINED-R, H-CCW-REC-W2, PROB-W2D6, LPR-CCF-PG-SUMP2, DR-MT, DURATION-D6
951	96.9	0.0	1.847E-009	UNITY, LPR-MOV-FT-1862B, RHR-SRV-CO-1721, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
952	96.9	0.0	1.845E-009	UNITY, CON-VFC-RP-COREM, SWS-CCF-FT-3ABCD, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
953	96.9	0.0	1.841E-009	UNITY, LPR-MOV-FT-1862B, CCW-SO-RV121, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
954	96.9	0.0	1.841E-009	UNITY, LPR-MOV-FT-1862B, CCW-SO-RV118, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
955	96.9	0.0	1.839E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC455, /PROB-1HFAILED12, 2EH1L2, A-L2W4-XHE-R-5
956	96.9	0.0	1.830E-009	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
957	96.9	0.0	1.828E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, PROB-1HFAILED L2
958	97.0	0.0	1.826E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILED L2, FIRE-PUMP, SOLAIR-COMP, 2EH1L2
959	97.0	0.0	1.825E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILED L2, A-L2W1-XHE-R-4
960	97.0	0.0	1.825E-009	UNITY, ACP-BAC-ST-1H1-1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-SI
961	97.0	0.0	1.822E-009	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
962	97.0	0.0	1.822E-009	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
963	97.0	0.0	1.814E-009	UNITY, MSS-AOV-MA-101B, CCW-LF-RHE2A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILED L2, 2EH1L2
964	97.0	0.0	1.814E-009	UNITY, MSS-AOV-MA-101A, CCW-LF-RHE2A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILED L2, 2EH1L2
965	97.0	0.0	1.813E-009	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV
966	97.0	0.0	1.810E-009	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
967	97.0	0.0	1.810E-009	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
968	97.0	0.0	1.808E-009	UNITY, PROB-RHR2A, RHR-ASF-PG-1605, DR-MT, A-RAW1-XHE-C-9, PROB-W1D6A
969	97.0	0.0	1.808E-009	UNITY, HPI-CKV-FT-CV410, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A
970	97.0	0.0	1.808E-009	UNITY, HPI-CKV-FT-CV25, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
971	97.1	0.0	1.803E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4, LPR-CCF-PG-SUMP2
972	97.1	0.0	1.803E-009	UNITY, MSS-AOV-FC-101B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, PROB-1HFAILEDL3
973	97.1	0.0	1.803E-009	UNITY, MSS-AOV-FC-101A, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, PROB-1HFAILEDL3
974	97.1	0.0	1.798E-009	UNITY, RHR-MDP-FS-RHR1B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB
975	97.1	0.0	1.797E-009	UNITY, AFW-MDP-MA-FW3B, RHR-SRV-CO-1721, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
976	97.1	0.0	1.795E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
977	97.1	0.0	1.795E-009	UNITY, ACP-INV-NO-UPSB1, SGB-DRAINED-R, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
978	97.1	0.0	1.795E-009	UNITY, ACP-INV-NO-UPSB1, SGA-DRAINED-R, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
979	97.1	0.0	1.793E-009	UNITY, LPI-CCF-FS-SI1AB, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
980	97.1	0.0	1.792E-009	UNITY, AFW-MDP-MA-FW3B, CCW-SO-RV121, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
981	97.1	0.0	1.792E-009	UNITY, AFW-MDP-MA-FW3B, CCW-SO-RV118, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
982	97.1	0.0	1.783E-009	UNITY, ACP-INV-NO-UPSA2, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, A-L2W2-XHE-S1-17
983	97.1	0.0	1.776E-009	UNITY, ACP-BAC-ST-V1III, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
984	97.2	0.0	1.776E-009	UNITY, ACP-BAC-ST-VB1II, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
985	97.2	0.0	1.776E-009	UNITY, LPR-MOV-FT-1862B, RHR-CCF-FS-MDPAB, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
986	97.2	0.0	1.771E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, D-L2W1-XHE

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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987	97.2	0.0	1.762E-009	UNITY, AFW-MDP-MA-FW3B, DCP-BAT-LP-BAT1A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
988	97.2	0.0	1.762E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-MDP-FR-B24HR, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
989	97.2	0.0	1.762E-009	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FR-CCP1B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
990	97.2	0.0	1.761E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, A-VBW1-XHE-FL-19, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12
991	97.2	0.0	1.760E-009	UNITY, ACP-BAC-ST-1H1-1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
992	97.2	0.0	1.759E-009	UNITY, LPR-MOV-FT-1862B, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
993	97.2	0.0	1.753E-009	UNITY, LPI-MDP-FS-SI1B, RHR-XVM-PG-XV2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
994	97.2	0.0	1.753E-009	UNITY, LPI-MDP-FS-SI1B, RHR-XVM-PG-XV6, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
995	97.2	0.0	1.753E-009	UNITY, LPR-MOV-FT-1860B, RHR-XVM-PG-XV6, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
996	97.2	0.0	1.753E-009	UNITY, LPR-MOV-FT-1860B, RHR-XVM-PG-XV2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
997	97.3	0.0	1.752E-009	UNITY, ACP-INV-NO-UPSB1, PROB-RHR2A, ACP-BAC-MA-1J1-2, DR-MT, PROB-W1D6A
998	97.3	0.0	1.752E-009	UNITY, ACP-INV-NO-UPSB1, PROB-RHR2A, ACP-BAC-MA-1J1, DR-MT, PROB-W1D6A
999	97.3	0.0	1.750E-009	UNITY, FREQ-CCW, LPR-CCF-FT-863AB, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
1000	97.3	0.0	1.749E-009	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, RHR-MDP-FS-RHR1A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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1001	97.3	0.0	1.749E-009	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, RHR-MDP-FS-RHR1B, CCW-LF-RHE2A, DR-MT, PROB-W1D6A
1002	97.3	0.0	1.748E-009	UNITY, ACP-CRB-CO-III35, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
1003	97.3	0.0	1.748E-009	UNITY, ACP-CRB-CO-1II, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
1004	97.3	0.0	1.738E-009	UNITY, FREQ-CCW, H-CCW-REC-W2, PROB-W2D6, D-CCW2-XHE, DR-MT, DURATION-D6
1005	97.3	0.0	1.736E-009	UNITY, REFUEL, DURATION-R6, RWT-TNK-LF-RWST, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1006	97.3	0.0	1.735E-009	UNITY, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW2, D-RAW2-XHE, PROB-W2R6A
1007	97.3	0.0	1.728E-009	UNITY, AFW-MDP-MA-FW3B, DCP-BDC-ST-BUS1A, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1008	97.3	0.0	1.728E-009	UNITY, ACP-BAC-ST-VB1II, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1009	97.3	0.0	1.728E-009	UNITY, ACP-BAC-ST-V1III, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1010	97.3	0.0	1.728E-009	UNITY, ACP-BAC-ST-STB1J, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1011	97.4	0.0	1.727E-009	UNITY, MSS-AOV-FC-101B, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2, A-L2W3-XHE-R-4
1012	97.4	0.0	1.727E-009	UNITY, MSS-AOV-FC-101A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2, A-L2W3-XHE-R-4
1013	97.4	0.0	1.708E-009	UNITY, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-9, FREQ-SI
1014	97.4	0.0	1.707E-009	UNITY, LOSP, OEP-CCF-FS-DG13, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
1015	97.4	0.0	1.706E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1016	97.4	0.0	1.703E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1017	97.4	0.0	1.703E-009	UNITY, HPR-MDP-FR-A18HR, ISR-MDP-FS-RS1A, OSR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
1018	97.4	0.0	1.702E-009	UNITY, HPI-MDP-FS-CH2C, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B1, NRAC346
1019	97.4	0.0	1.701E-009	UNITY, AFW-MDP-MA-FW3B, CCW-LF-RHE2B, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV, A-4KW3-XHE-FL-13
1020	97.4	0.0	1.701E-009	UNITY, LPI-MDP-FS-SI1B, RHR-MDP-FS-RHR1B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6
1021	97.4	0.0	1.701E-009	UNITY, LPR-MOV-FT-1860B, RHR-MDP-FS-RHR1B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6
1022	97.4	0.0	1.699E-009	UNITY, RHR-ASF-PG-1605, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
1023	97.4	0.0	1.699E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, RWT-TNK-LF-RWST, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1024	97.4	0.0	1.694E-009	UNITY, MSS-NRV-MA-101B, MSS-AOV-MA-101B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1025	97.5	0.0	1.694E-009	UNITY, MSS-NRV-MA-101A, MSS-AOV-MA-101A, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1026	97.5	0.0	1.692E-009	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, RHR-SRV-CO-1721, DR-MT, PROB-W1D6A
1027	97.5	0.0	1.692E-009	UNITY, LPR-MOV-FT-1860B, PROB-RHR2A, RHR-SRV-CO-1721, DR-MT, PROB-W1D6A
1028	97.5	0.0	1.687E-009	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, CCW-SO-RV121, DR-MT, PROB-W1D6A
1029	97.5	0.0	1.687E-009	UNITY, LPR-MOV-FT-1860B, PROB-RHR2A, CCW-SO-RV121, DR-MT, PROB-W1D6A
1030	97.5	0.0	1.687E-009	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, CCW-SO-RV118, DR-MT, PROB-W1D6A
1031	97.5	0.0	1.687E-009	UNITY, LPR-MOV-FT-1860B, PROB-RHR2A, CCW-SO-RV118, DR-MT, PROB-W1D6A
1032	97.5	0.0	1.685E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L1, D-L1W4-XHE
1033	97.5	0.0	1.682E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PZR-SV-REMOVEDW2, PROB-W2R6, A-SIW2-XHE-C-13, H-SI-REC-W2, FREQ-SI
1034	97.5	0.0	1.678E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1035	97.5	0.0	1.678E-009	UNITY, REFUEL, LOSEP, OEP-DGN-FS-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1
1036	97.5	0.0	1.677E-009	UNITY, FREQ-RHR2B, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
1037	97.5	0.0	1.677E-009	UNITY, FREQ-RHR2B, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
1038	97.5	0.0	1.675E-009	UNITY, CCW-MDP-MA-CCP1B, SGB-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1039	97.6	0.0	1.675E-009	UNITY, CCW-MDP-MA-CCP1B, SGA-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1040	97.6	0.0	1.663E-009	UNITY, REFUEL, FREQ-CCW, DURATION-R6, SGB-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1041	97.6	0.0	1.663E-009	UNITY, REFUEL, FREQ-CCW, DURATION-R6, SGC-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1042	97.6	0.0	1.663E-009	UNITY, REFUEL, FREQ-CCW, DURATION-R6, SGA-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1043	97.6	0.0	1.659E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW3, PROB-W3R6, D-R3W3-XHE
1044	97.6	0.0	1.655E-009	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
1045	97.6	0.0	1.647E-009	UNITY, LPI-MDP-FR-1B6HR, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
1046	97.6	0.0	1.641E-009	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1047	97.6	0.0	1.639E-009	UNITY, ACP-BAC-ST-4KV1J, SAS-CPS-FR-2SAC1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1048	97.6	0.0	1.639E-009	UNITY, ACP-BAC-ST-4KV1J, SAS-CPS-FR-1SAC1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1049	97.6	0.0	1.639E-009	UNITY, ACP-BAC-ST-1J1-2, SAS-CPS-FR-2SAC1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1050	97.6	0.0	1.639E-009	UNITY, ACP-BAC-ST-1J1-2, SAS-CPS-FR-1SAC1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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1051	97.6	0.0	1.639E-009	UNITY, ACP-BAC-ST-1J1, SAS-CPS-FR-1SAC1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1052	97.6	0.0	1.639E-009	UNITY, ACP-BAC-ST-1J1, SAS-CPS-FR-2SAC1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1053	97.7	0.0	1.639E-009	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV
1054	97.7	0.0	1.638E-009	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1055	97.7	0.0	1.629E-009	UNITY, DCP-BAT-LP-BAT1B, CCW-LF-RHE2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
1056	97.7	0.0	1.627E-009	UNITY, ACP-BAC-ST-V1III, LPR-MOV-FT-1860B, PROB-RHR2A, DR-MT, PROB-W1D6A
1057	97.7	0.0	1.627E-009	UNITY, ACP-BAC-ST-V1III, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A
1058	97.7	0.0	1.627E-009	UNITY, ACP-BAC-ST-4KV1J, PROB-RHR2A, RHR-MDP-FS-RHR1A, DR-MT, PROB-W1D6A
1059	97.7	0.0	1.627E-009	UNITY, DCP-BDC-ST-BUS1B, PROB-RHR2A, RHR-MDP-FS-RHR1A, DR-MT, PROB-W1D6A
1060	97.7	0.0	1.627E-009	UNITY, ACP-BAC-ST-VB1II, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A
1061	97.7	0.0	1.627E-009	UNITY, ACP-BAC-ST-VB1II, LPR-MOV-FT-1860B, PROB-RHR2A, DR-MT, PROB-W1D6A
1062	97.7	0.0	1.627E-009	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, PROB-RHR2A, DR-MT, PROB-W1D6A
1063	97.7	0.0	1.627E-009	UNITY, ACP-BAC-ST-4KV1H, PROB-RHR2A, RHR-MDP-FS-RHR1B, DR-MT, PROB-W1D6A
1064	97.7	0.0	1.627E-009	UNITY, ACP-BAC-ST-4KV1H, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A
1065	97.7	0.0	1.627E-009	UNITY, ACP-BAC-ST-4KV1H, LPR-MOV-FT-1890B, PROB-RHR2A, DR-MT, PROB-W1D6A
1066	97.7	0.0	1.627E-009	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, PROB-RHR2A, DR-MT, PROB-W1D6A
1067	97.7	0.0	1.627E-009	UNITY, ACP-BAC-ST-4KV1H, CCW-MDP-FS-CCP1B, PROB-RHR2A, DR-MT, PROB-W1D6A
1068	97.8	0.0	1.627E-009	UNITY, IAS-CCF-LF-INAIR, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
1069	97.8	0.0	1.625E-009	UNITY, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-RHR2A, ACP-BAC-MA-1H1, DR-MT, PROB-W1D6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1070	97.8	0.0	1.623E-009	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-L2, D-L2W4-XHE
1071	97.8	0.0	1.620E-009	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1072	97.8	0.0	1.616E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, LPR-MOV-FT-1862B, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
1073	97.8	0.0	1.615E-009	UNITY, CON-VFC-RP-COREM, FREQ-CCW, OSR-MDP-FS-RS2A, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
1074	97.8	0.0	1.613E-009	UNITY, DCP-BAT-LP-BAT1B, CCW-LF-RHE2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
1075	97.8	0.0	1.611E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CKV-FT-CV46B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1076	97.8	0.0	1.611E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CKV-FT-CV50, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1077	97.8	0.0	1.610E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A
1078	97.8	0.0	1.605E-009	UNITY, LOSP, OEP-DGN-FS-DG01, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6
1079	97.8	0.0	1.605E-009	UNITY, LOSP, OEP-DGN-FS-DG03, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6
1080	97.8	0.0	1.597E-009	UNITY, LPI-CCF-FS-SI1AB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W1-XHE-R-4
1081	97.8	0.0	1.586E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW2, PROB-W2R6, A-R3W2-XHE-X, LPR-CCF-PG-SUMP2
1082	97.8	0.0	1.582E-009	UNITY, LPI-CCF-FS-SI1AB, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6
1083	97.9	0.0	1.581E-009	UNITY, ACP-INV-NO-UPSA2, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, A-L2-XHE-S
1084	97.9	0.0	1.573E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, PROB-1HFAILEDL2, A-L2W1-XHE-R-4
1085	97.9	0.0	1.572E-009	UNITY, LPI-MDP-FS-SI1B, FREQ-RHR2B, PROB-W1D6, A-RBW1-XHE-R-4, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1086	97.9	0.0	1.572E-009	UNITY, LPR-MOV-FT-1860B, FREQ-RHR2B, PROB-W1D6, A-RBW1-XHE-R-4, DR-MT, DURATION-D6
1087	97.9	0.0	1.572E-009	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6
1088	97.9	0.0	1.572E-009	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6
1089	97.9	0.0	1.572E-009	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6
1090	97.9	0.0	1.572E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6
1091	97.9	0.0	1.572E-009	UNITY, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, D-RAW4-XHE, PROB-W4R10A
1092	97.9	0.0	1.569E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1
1093	97.9	0.0	1.564E-009	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1094	97.9	0.0	1.563E-009	UNITY, CPC-MDP-FS-SW20A, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-B1, NRAC346
1095	97.9	0.0	1.561E-009	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1096	97.9	0.0	1.542E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, MSS-AOV-FC-101A, MSS-AOV-FC-101C, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
1097	97.9	0.0	1.542E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, MSS-AOV-FC-101B, MSS-AOV-FC-101C, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
1098	98.0	0.0	1.542E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, MSS-AOV-FC-101A, MSS-AOV-FC-101B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
1099	98.0	0.0	1.541E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, SGS-DRAINED-R, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1100	98.0	0.0	1.541E-009	UNITY, REFUEL, FREQ-CCW, LPR-MOV-FT-1862B, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-S1-8

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1101	98.0	0.0	1.540E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, /PROB-1HFAILEDL3, A-L3W2-XHE-R-4
1102	98.0	0.0	1.538E-009	UNITY, CCW-LF-RHE2A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, FIRE-PUMP, SOLAIR-COMP, 2EH1L2
1103	98.0	0.0	1.528E-009	UNITY, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, A-L2W1-XHE-R-4, 2EH1L2
1104	98.0	0.0	1.528E-009	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
1105	98.0	0.0	1.523E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, CCW-AOV-XHE-109, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
1106	98.0	0.0	1.520E-009	UNITY, LOSEP, OEP-DGN-FC-DG3U2, OEP-DGN-FS-DG01, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
1107	98.0	0.0	1.518E-009	UNITY, CCW-AOV-PG-109B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
1108	98.0	0.0	1.518E-009	UNITY, CCW-XMV-PG-CC100, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
1109	98.0	0.0	1.518E-009	UNITY, CCW-XMV-PG-CC220, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
1110	98.0	0.0	1.516E-009	UNITY, LPR-MOV-FT-1862B, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
1111	98.0	0.0	1.516E-009	UNITY, LPR-MOV-FT-1862B, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
1112	98.0	0.0	1.511E-009	UNITY, FREQ-RHR2B, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
1113	98.1	0.0	1.511E-009	UNITY, ACP-BAC-ST-1H1-1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A, LPR-CCF-PG-SUMP2
1114	98.1	0.0	1.511E-009	UNITY, REFUEL, LOSEP, OEP-DGN-FS-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-VB
1115	98.1	0.0	1.509E-009	UNITY, ACP-BAC-ST-1H1-1, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A
1116	98.1	0.0	1.509E-009	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, LPR-MOV-FT-1890B, PROB-RHR2A, DR-MT, PROB-W1D6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1117	98.1	0.0	1.509E-009	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A
1118	98.1	0.0	1.507E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-B2, NRAC455
1119	98.1	0.0	1.502E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, PPS-MOV-FT-1536, DURATION-R6, FREQ-RHR3, PORV-PATH-CLSD, /PZR-SV-REMOVEDW2, PROB-W2R6
1120	98.1	0.0	1.501E-009	UNITY, LPR-MOV-FT-1862B, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
1121	98.1	0.0	1.501E-009	UNITY, LPR-MOV-FT-1862B, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
1122	98.1	0.0	1.493E-009	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1123	98.1	0.0	1.493E-009	UNITY, REFUEL, LPR-MOV-FT-1860B, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1124	98.1	0.0	1.491E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, A-L2W1-XHE-R-4, 2EH1L2, A-L2W1-XHE-FL-18
1125	98.1	0.0	1.489E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-RHR5, D-R5W3-XHE
1126	98.1	0.0	1.484E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-SR, D-SRW3-XHE
1127	98.1	0.0	1.478E-009	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC455, /PROB-1HFAILED1L2, 2EH1L2, CCW-MDP-FS-CCP1A
1128	98.1	0.0	1.478E-009	UNITY, REFUEL, RHR-MDP-FS-RHR1A, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC455, /PROB-1HFAILED1L2, 2EH1L2
1129	98.2	0.0	1.476E-009	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
1130	98.2	0.0	1.476E-009	UNITY, ACP-BAC-ST-4KV1H, CCW-MDP-FS-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
1131	98.2	0.0	1.475E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-4KV, D-4KW3-XHE

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1132	98.2	0.0	1.474E-009	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, ACP-BAC-MA-1H1, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
1133	98.2	0.0	1.474E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, PROB-1HFAILEDL3, A-L3W2-XHE-R-4
1134	98.2	0.0	1.462E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, CCW-CCF-FS-MDPAB
1135	98.2	0.0	1.462E-009	UNITY, LOOPISOLATED2R6, REFUEL, RHR-CCF-FS-MDPAB, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1136	98.2	0.0	1.458E-009	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6
1137	98.2	0.0	1.457E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, MSS-AOV-FC-101B, MSS-NRV-MA-101B, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1138	98.2	0.0	1.457E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, MSS-AOV-FC-101A, MSS-NRV-MA-101A, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1139	98.2	0.0	1.457E-009	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-9, FREQ-SI
1140	98.2	0.0	1.457E-009	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-9, FREQ-SI
1141	98.2	0.0	1.457E-009	UNITY, SAS-CCF-FR-SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
1142	98.2	0.0	1.457E-009	UNITY, ACP-INV-NO-UPSA2, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-S1-17
1143	98.2	0.0	1.457E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MOV-MA-151F, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1144	98.2	0.0	1.457E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MOV-MA-151D, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1145	98.3	0.0	1.457E-009	UNITY, ACP-INV-NO-UPSA2, PROB-W2D6, SGS-DRAINED-CSD, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1146	98.3	0.0	1.457E-009	UNITY, ACP-INV-NO-UPSA2, AFW-CKV-OO-CV142, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1147	98.3	0.0	1.456E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
1148	98.3	0.0	1.450E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BDC-ST-BUS1B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1149	98.3	0.0	1.450E-009	UNITY, ACP-BAC-ST-4801J, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1150	98.3	0.0	1.449E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, PROB-1HFAILEDL2, A-L2W3-XHE-FL-12
1151	98.3	0.0	1.447E-009	UNITY, REFUEL, LOSEP, OEP-DGN-FC-DG3U2, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1152	98.3	0.0	1.437E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1153	98.3	0.0	1.437E-009	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FS-CCP1B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1154	98.3	0.0	1.436E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, FREQ-RHR2B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6
1155	98.3	0.0	1.433E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, D-L3W4-XHE
1156	98.3	0.0	1.430E-009	UNITY, LOOPISOLATED2R6, REFUEL, RHR-XVM-PG-XV6, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1157	98.3	0.0	1.430E-009	UNITY, LOOPISOLATED2R6, REFUEL, RHR-XVM-PG-XV2, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1158	98.3	0.0	1.429E-009	UNITY, REFUEL, LOSEP, OEP-DGN-FS-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4

Partition Cut Set Report

Family->RHRMODEL

End State ->CD

Mincut Upper Bound -> 2.367E-005

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1159	98.3	0.0	1.423E-009	UNITY, CON-VFC-RP-COREM, RHR-ASF-PG-1605, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1160	98.3	0.0	1.422E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, ACP-BAC-MA-1H1, /PZR-SV-REMOVEDW2, PROB-W2R6
1161	98.3	0.0	1.419E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-RHR4, D-R4W3-XHE
1162	98.4	0.0	1.417E-009	UNITY, LOSEP, OEP-CRB-FT-15H3, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6
1163	98.4	0.0	1.413E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-VB
1164	98.4	0.0	1.408E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-CKV-FT-CC563, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1165	98.4	0.0	1.408E-009	UNITY, ACC-CKV-FT-CV147, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1166	98.4	0.0	1.408E-009	UNITY, LOOPISOLATED2R6, REFUEL, RHR-CKV-FT-CV5, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1167	98.4	0.0	1.404E-009	UNITY, LOSEP, OEP-CRB-FT-15H3, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV
1168	98.4	0.0	1.399E-009	UNITY, SAS-CCF-FR-SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1169	98.4	0.0	1.397E-009	UNITY, MSS-AOV-FC-101A, RHR-MDP-FS-RHR1A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
1170	98.4	0.0	1.397E-009	UNITY, MSS-AOV-FC-101B, RHR-MDP-FS-RHR1A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
1171	98.4	0.0	1.397E-009	UNITY, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2, CCW-MDP-FS-CCP1A
1172	98.4	0.0	1.397E-009	UNITY, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2, CCW-MDP-FS-CCP1A
1173	98.4	0.0	1.393E-009	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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1174	98.4	0.0	1.393E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101A, DURATION-R6, MSS-AOV-MA-101C, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1175	98.4	0.0	1.393E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101C, DURATION-R6, MSS-AOV-MA-101A, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1176	98.4	0.0	1.393E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101B, DURATION-R6, MSS-AOV-MA-101C, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1177	98.4	0.0	1.393E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101C, DURATION-R6, MSS-AOV-MA-101B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1178	98.4	0.0	1.393E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101B, DURATION-R6, MSS-AOV-MA-101A, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1179	98.5	0.0	1.393E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101A, DURATION-R6, MSS-AOV-MA-101B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1180	98.5	0.0	1.388E-009	UNITY, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FR-IAC-1, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
1181	98.5	0.0	1.388E-009	UNITY, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FR-IAC-1, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
1182	98.5	0.0	1.387E-009	UNITY, ACP-BAC-ST-4KV1J, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
1183	98.5	0.0	1.387E-009	UNITY, DCP-BDC-ST-BUS1B, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
1184	98.5	0.0	1.378E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
1185	98.5	0.0	1.374E-009	UNITY, CON-VFC-RP-COREM, ISR-MDP-FS-RS1A, PROB-RHR2A, OSR-TRA-MA, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1186	98.5	0.0	1.372E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, LPR-MOV-FT-1890B, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV
1187	98.5	0.0	1.372E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, LPI-MDP-FS-SI1B, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV
1188	98.5	0.0	1.365E-009	UNITY, LPR-MOV-FT-1862B, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
1189	98.5	0.0	1.365E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV
1190	98.5	0.0	1.365E-009	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
1191	98.5	0.0	1.361E-009	UNITY, RHR-MDP-FR-B24HR, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
1192	98.5	0.0	1.357E-009	UNITY, LOOPISOLATED2R6, HPI-CKV-FT-CV410, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1193	98.5	0.0	1.357E-009	UNITY, LOOPISOLATED2R6, HPI-CKV-FT-CV25, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1194	98.5	0.0	1.357E-009	UNITY, CON-VFC-RP-COREM, FREQ-CCW, SWS-CCF-FT-3ABCD, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
1195	98.5	0.0	1.353E-009	UNITY, CCW-CKV-FT-CC563, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1196	98.6	0.0	1.353E-009	UNITY, ACC-CKV-FT-CV147, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1197	98.6	0.0	1.353E-009	UNITY, RHR-CKV-FT-CV5, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1198	98.6	0.0	1.353E-009	UNITY, LPR-MOV-FT-1862B, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
1199	98.6	0.0	1.352E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-S2-17
1200	98.6	0.0	1.351E-009	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, /PROB-1HFAILEDL3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1201	98.6	0.0	1.351E-009	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, /PROB-1HFAILEDL3
1202	98.6	0.0	1.342E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, CCW-MDP-MA-CCP1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1203	98.6	0.0	1.337E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, FREQ-RHR4, DR-MT, DURATION-D6
1204	98.6	0.0	1.330E-009	UNITY, AFW-MDP-MA-FW3B, RHR-ASF-PG-1605, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1205	98.6	0.0	1.328E-009	UNITY, RHR-CKV-FT-CV5, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
1206	98.6	0.0	1.328E-009	UNITY, SGB-DRAINED-R, CCW-LF-RHE2A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
1207	98.6	0.0	1.328E-009	UNITY, SGA-DRAINED-R, CCW-LF-RHE2A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
1208	98.6	0.0	1.327E-009	UNITY, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1209	98.6	0.0	1.327E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-S2-17
1210	98.6	0.0	1.321E-009	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, FIRE-PUMP, SOLAIR-COMP, A-L2W2-XHE-R-4
1211	98.6	0.0	1.321E-009	UNITY, MSS-AOV-FC-101B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, SSHR-AOV-XHE-105
1212	98.6	0.0	1.321E-009	UNITY, MSS-AOV-FC-101A, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, SSHR-AOV-XHE-105
1213	98.7	0.0	1.318E-009	UNITY, LOOPISOLATED2R6, REFUEL, RHR-SRV-CO-1721, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1214	98.7	0.0	1.314E-009	UNITY, DCP-BAT-LP-BAT1B, RHR-MDP-FS-RHR1A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1215	98.7	0.0	1.313E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-SO-RV121, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1216	98.7	0.0	1.313E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-SO-RV118, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1217	98.7	0.0	1.313E-009	UNITY, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-9, FREQ-SI
1218	98.7	0.0	1.310E-009	UNITY, RHR-ASF-PG-1605, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
1219	98.7	0.0	1.310E-009	UNITY, ACP-CRB-CO-15J8, OEP-DGN-FC-DG3U2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
1220	98.7	0.0	1.304E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
1221	98.7	0.0	1.295E-009	UNITY, REFUEL, RWT-TNK-LF-RWST, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1222	98.7	0.0	1.295E-009	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, D-VBW4-XHE, FREQ-VB
1223	98.7	0.0	1.293E-009	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, PROB-1HFAILEDL3
1224	98.7	0.0	1.293E-009	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, PROB-1HFAILEDL3
1225	98.7	0.0	1.285E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, H-SI-REC-W2, FREQ-SI, A-SIW2-XHE-R-12
1226	98.7	0.0	1.285E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, H-SI-REC-W2, FREQ-SI
1227	98.7	0.0	1.277E-009	UNITY, CPC-MDP-FS-2CC2A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B1, NRAC346
1228	98.7	0.0	1.271E-009	UNITY, ACP-BAC-ST-4KV1H, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
1229	98.7	0.0	1.271E-009	UNITY, DCP-BDC-ST-BUS1B, CCW-LF-RHE2A, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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1230	98.7	0.0	1.271E-009	UNITY, ACP-BAC-ST-4KV1J, CCW-LF-RHE2A, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
1231	98.7	0.0	1.269E-009	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1232	98.8	0.0	1.268E-009	UNITY, LOSP, OEP-DGN-FR-DG01, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1233	98.8	0.0	1.268E-009	UNITY, LOSP, OEP-DGN-FR-DG03, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1234	98.8	0.0	1.268E-009	UNITY, LOSP, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1
1235	98.8	0.0	1.267E-009	UNITY, LOOPISOLATED2R6, DCP-BDC-ST-BUS1A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1236	98.8	0.0	1.267E-009	UNITY, ACP-BAC-ST-V1111, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1237	98.8	0.0	1.267E-009	UNITY, ACP-BAC-ST-VB111, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1238	98.8	0.0	1.267E-009	UNITY, ACP-BAC-ST-STB1J, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1239	98.8	0.0	1.267E-009	UNITY, RHR-SRV-CO-1721, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1240	98.8	0.0	1.266E-009	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, A-L2W1-XHE-R-4
1241	98.8	0.0	1.266E-009	UNITY, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, A-L2W1-XHE-R-4
1242	98.8	0.0	1.265E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6, A-R3W2-XHE-X, LPR-CCF-PG-SUMP2
1243	98.8	0.0	1.263E-009	UNITY, CCW-SO-RV121, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1244	98.8	0.0	1.263E-009	UNITY, CCW-SO-RV118, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1245	98.8	0.0	1.261E-009	UNITY, RHR-MDP-FS-RHR1B, MSS-AOV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1246	98.8	0.0	1.261E-009	UNITY, RHR-MDP-FS-RHR1B, MSS-AOV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1247	98.8	0.0	1.261E-009	UNITY, CCW-MDP-FS-CCP1B, MSS-AOV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1248	98.8	0.0	1.261E-009	UNITY, CCW-MDP-FS-CCP1B, MSS-AOV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1249	98.8	0.0	1.259E-009	UNITY, DCP-BDC-ST-BUS1B, CCW-LF-RHE2A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
1250	98.8	0.0	1.259E-009	UNITY, ACP-BAC-ST-4KV1H, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
1251	98.9	0.0	1.259E-009	UNITY, ACP-BAC-ST-4KV1J, CCW-LF-RHE2A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
1252	98.9	0.0	1.258E-009	UNITY, CON-VFC-RP-COREM, LOSEP, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, DR-MT, PROB-W1D6A
1253	98.9	0.0	1.258E-009	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-AIR, A-ARW1-XHE-R-5, PRNR-ARW1
1254	98.9	0.0	1.258E-009	UNITY, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-AIR, A-ARW1-XHE-R-5, PRNR-ARW1
1255	98.9	0.0	1.257E-009	UNITY, ACP-BAC-ST-1H1-1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, DR-MT, PROB-W1D6A
1256	98.9	0.0	1.256E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, CCW-MDP-FS-CCP1B, PROB-RHR2A, DR-MT, PROB-W2D6A
1257	98.9	0.0	1.256E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPR-MOV-FT-1890B, PROB-RHR2A, DR-MT, PROB-W2D6A
1258	98.9	0.0	1.256E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W2D6A
1259	98.9	0.0	1.256E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, PROB-RHR2A, RHR-MDP-FS-RHR1B, DR-MT, PROB-W2D6A
1260	98.9	0.0	1.256E-009	UNITY, LOSEP, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV
1261	98.9	0.0	1.256E-009	UNITY, MSS-AOV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
1262	98.9	0.0	1.256E-009	UNITY, MSS-AOV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
1263	98.9	0.0	1.255E-009	UNITY, SGB-DRAINED-R, FREQ-RHR3, PROB-W2D6, A-R3W2-XHE-X, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1264	98.9	0.0	1.255E-009	UNITY, SGA-DRAINED-R, FREQ-RHR3, PROB-W2D6, A-R3W2-XHE-X, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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1265	98.9	0.0	1.253E-009	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, CCW-XMV-PG-CC100, DR-MT, PROB-W1D6A
1266	98.9	0.0	1.253E-009	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, CCW-AOV-PG-109B, DR-MT, PROB-W1D6A
1267	98.9	0.0	1.253E-009	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, CCW-XMV-PG-CC220, DR-MT, PROB-W1D6A
1268	98.9	0.0	1.252E-009	UNITY, HPR-MDP-FR-A18HR, ISR-MDP-FS-RS1A, FREQ-CCW, OSR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
1269	99.0	0.0	1.250E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2, CCW-CCF-FS-MDPAB
1270	99.0	0.0	1.250E-009	UNITY, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
1271	99.0	0.0	1.247E-009	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-VB, A-VBW1-XHE-R-3
1272	99.0	0.0	1.239E-009	UNITY, ACP-INV-NO-UPSB1, ACP-TFM-NO-1J1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
1273	99.0	0.0	1.238E-009	UNITY, LOSEP, OEP-CCF-FS-DG13, PROB-RHR2A, DR-MT, PROB-W2D6A
1274	99.0	0.0	1.238E-009	UNITY, LOSEP, OEP-CCF-FS-DG12, PROB-RHR2A, DR-MT, PROB-W2D6A
1275	99.0	0.0	1.234E-009	UNITY, DCP-CCF-LP-BT1AB, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
1276	99.0	0.0	1.231E-009	UNITY, REFUEL, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, D-RBW4-XHE
1277	99.0	0.0	1.227E-009	UNITY, ACP-INV-NO-UPSB1, ACP-TFM-NO-1J1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
1278	99.0	0.0	1.222E-009	UNITY, RHR-XVM-PG-XV6, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
1279	99.0	0.0	1.222E-009	UNITY, RHR-XVM-PG-XV2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
1280	99.0	0.0	1.222E-009	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, HPI-MOV-FT-1115B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1281	99.0	0.0	1.222E-009	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1282	99.0	0.0	1.222E-009	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1283	99.0	0.0	1.222E-009	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, HPI-MOV-FT-1115C, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1284	99.0	0.0	1.222E-009	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, PROB-RHR2A, RHR-MDP-FS-RHR1B, /PZR-SV-REMOVEDW2, PROB-W2R6A
1285	99.0	0.0	1.222E-009	UNITY, ACP-BAC-ST-4KV1H, CCW-MDP-FS-CCP1B, LOOPISOLATED2R6, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1286	99.0	0.0	1.220E-009	UNITY, LPI-CCF-FS-SI1AB, PROB-RHR2A, RHR-CCF-FS-MDPAB, DR-MT, PROB-W1D6A
1287	99.0	0.0	1.220E-009	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, ACP-BAC-MA-1H1, /PZR-SV-REMOVEDW2, PROB-W2R6A
1288	99.0	0.0	1.218E-009	UNITY, DCP-BDC-ST-BUS1B, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1289	99.1	0.0	1.218E-009	UNITY, DCP-BDC-ST-BUS1A, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1290	99.1	0.0	1.218E-009	UNITY, ACP-BAC-ST-4KV1J, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1291	99.1	0.0	1.218E-009	UNITY, ACP-BAC-ST-VB1II, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1292	99.1	0.0	1.218E-009	UNITY, ACP-BAC-ST-V1III, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1293	99.1	0.0	1.218E-009	UNITY, ACP-BAC-ST-STB1J, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV
1294	99.1	0.0	1.217E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, A-L2W1-XHE-S1-17
1295	99.1	0.0	1.215E-009	UNITY, REFUEL, LOSP, OEP-DGN-FC-DG3U2, OEP-DGN-FS-DG01, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
1296	99.1	0.0	1.212E-009	UNITY, LPI-MDP-FR-1B6HR, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
1297	99.1	0.0	1.210E-009	UNITY, MSS-AOV-FC-101B, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4
1298	99.1	0.0	1.210E-009	UNITY, MSS-AOV-FC-101A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1299	99.1	0.0	1.209E-009	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-S1-8
1300	99.1	0.0	1.209E-009	UNITY, REFUEL, LPR-MOV-FT-1860B, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-S1-8
1301	99.1	0.0	1.209E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1302	99.1	0.0	1.209E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1303	99.1	0.0	1.207E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, CCW-AOV-XHE-109, LPR-CCF-PG-SUMP1, FREQ-L1, NRAC200
1304	99.1	0.0	1.207E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W2D6A, LPR-CCF-PG-SUMP2
1305	99.1	0.0	1.207E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W2D6A, LPR-CCF-PG-SUMP2
1306	99.1	0.0	1.203E-009	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, SAS-CCF-FR-SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A
1307	99.1	0.0	1.197E-009	UNITY, CCW-HTX-MA-E1B, CCW-HTX-PG-E1A, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1
1308	99.2	0.0	1.195E-009	UNITY, CON-VFC-RP-COREM, RHR-MDP-FR-B24HR, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
1309	99.2	0.0	1.195E-009	UNITY, ACP-BAC-ST-STB1J, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
1310	99.2	0.0	1.195E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
1311	99.2	0.0	1.195E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
1312	99.2	0.0	1.190E-009	UNITY, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW3, D-RAW3-XHE, PROB-W3R6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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1313	99.2	0.0	1.188E-009	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-AIR, D-ARW2-XHE, PRNR-ARW2
1314	99.2	0.0	1.184E-009	UNITY, MSS-AOV-FC-101B, CCW-LF-RHE2A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3
1315	99.2	0.0	1.184E-009	UNITY, MSS-AOV-FC-101A, CCW-LF-RHE2A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3
1316	99.2	0.0	1.184E-009	UNITY, LPR-MOV-FT-1862B, RHR-ASF-PG-1605, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
1317	99.2	0.0	1.184E-009	UNITY, LPR-CCF-FT-862AB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3
1318	99.2	0.0	1.184E-009	UNITY, LPR-CCF-FT-860AB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3
1319	99.2	0.0	1.182E-009	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
1320	99.2	0.0	1.180E-009	UNITY, ACP-TFM-NO-1J1, PROB-RHR2A, SAS-CPS-FR-1SAC1, DR-MT, PROB-W1D6A
1321	99.2	0.0	1.180E-009	UNITY, ACP-TFM-NO-1J1, PROB-RHR2A, SAS-CPS-FR-2SAC1, DR-MT, PROB-W1D6A
1322	99.2	0.0	1.180E-009	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, A-R4W1-XHE-R-4
1323	99.2	0.0	1.179E-009	UNITY, RWT-TNK-LF-RWST, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6
1324	99.2	0.0	1.176E-009	UNITY, ACP-CRB-CO-15H7, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
1325	99.2	0.0	1.176E-009	UNITY, ACP-CRB-CO-14H15, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
1326	99.2	0.0	1.176E-009	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, SGB-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
1327	99.2	0.0	1.176E-009	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, SGC-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
1328	99.3	0.0	1.176E-009	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, SGA-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1329	99.3	0.0	1.173E-009	UNITY, LPR-MOV-FT-1862B, RHR-ASF-PG-1605, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
1330	99.3	0.0	1.172E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-RHR5, D-R5W1-XHE
1331	99.3	0.0	1.171E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, SGB-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1332	99.3	0.0	1.171E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, SGA-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1333	99.3	0.0	1.170E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-FS-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1334	99.3	0.0	1.165E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, A-CCW2-XHE-S1-8
1335	99.3	0.0	1.165E-009	UNITY, ACP-CRB-CO-14H15, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV
1336	99.3	0.0	1.165E-009	UNITY, ACP-CRB-CO-15H7, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV
1337	99.3	0.0	1.161E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-4KV, D-4KW1-XHE
1338	99.3	0.0	1.156E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, SGB-DRAINED-R, H-CCW-REC-W2, PROB-W2D6, DR-MT, DURATION-D6
1339	99.3	0.0	1.156E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, SGA-DRAINED-R, H-CCW-REC-W2, PROB-W2D6, DR-MT, DURATION-D6
1340	99.3	0.0	1.154E-009	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-B2, NRAC346
1341	99.3	0.0	1.152E-009	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1342	99.3	0.0	1.150E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1343	99.3	0.0	1.150E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-R-4
1344	99.3	0.0	1.149E-009	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
1345	99.3	0.0	1.149E-009	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
1346	99.3	0.0	1.141E-009	UNITY, SGB-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, A-L2W2-XHE-R-4
1347	99.3	0.0	1.141E-009	UNITY, SGA-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, A-L2W2-XHE-R-4
1348	99.3	0.0	1.141E-009	UNITY, ACP-BAC-ST-1H1-1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
1349	99.4	0.0	1.139E-009	UNITY, ACP-BAC-ST-4KV1H, REFUEL, DURATION-R6, FREQ-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6
1350	99.4	0.0	1.139E-009	UNITY, RHR-ASF-PG-1605, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-9, FREQ-SI
1351	99.4	0.0	1.139E-009	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, A-R5W1-XHE-R-4
1352	99.4	0.0	1.138E-009	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
1353	99.4	0.0	1.136E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, NRAC200, A-L1W1-XHE-R-4, A-L1W1-XHE-C-17
1354	99.4	0.0	1.135E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-AIR, D-ARW1-XHE, PRNR-ARW1
1355	99.4	0.0	1.135E-009	UNITY, LOSEP, OEP-DGN-FC-DG3U2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-VB
1356	99.4	0.0	1.134E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, FREQ-B2
1357	99.4	0.0	1.133E-009	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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1358	99.4	0.0	1.133E-009	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1359	99.4	0.0	1.133E-009	UNITY, ACP-BAC-ST-1H1-1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1360	99.4	0.0	1.133E-009	UNITY, ACP-INV-MA-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
1361	99.4	0.0	1.130E-009	UNITY, ACP-BAC-ST-4KV1H, SGB-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6
1362	99.4	0.0	1.130E-009	UNITY, ACP-BAC-ST-4KV1H, SGA-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6
1363	99.4	0.0	1.129E-009	UNITY, LPI-CKV-FT-CV50, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
1364	99.4	0.0	1.129E-009	UNITY, LPR-CKV-FT-CV47, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
1365	99.4	0.0	1.128E-009	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, A-4KW1-XHE-R-3
1366	99.4	0.0	1.127E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4
1367	99.4	0.0	1.124E-009	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6
1368	99.4	0.0	1.119E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101B, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, PROB-1HFAILEDL2
1369	99.4	0.0	1.119E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101C, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, PROB-1HFAILEDL2
1370	99.5	0.0	1.119E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101A, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, PROB-1HFAILEDL2
1371	99.5	0.0	1.118E-009	UNITY, REFUEL, LPR-MOV-FT-1862B, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A

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2 of 7

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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1372	99.5	0.0	1.118E-009	UNITY, REFUEL, LPR-MOV-FT-1862B, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A
1373	99.5	0.0	1.115E-009	UNITY, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, A-VBW1-XHE-C-18, H-VB-REC-W1, FREQ-VB
1374	99.5	0.0	1.114E-009	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1375	99.5	0.0	1.112E-009	UNITY, LPI-MDP-FR-B24HR, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
1376	99.5	0.0	1.111E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
1377	99.5	0.0	1.111E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, CCW-MDP-FS-CCP1B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
1378	99.5	0.0	1.110E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, PROB-1HFAILEDL3, A-L3W2-XHE-R-4
1379	99.5	0.0	1.107E-009	UNITY, REFUEL, LOSP, OEP-DGN-FS-DG01, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
1380	99.5	0.0	1.104E-009	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1381	99.5	0.0	1.104E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, AFW-MOV-MA-151A, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
1382	99.5	0.0	1.104E-009	UNITY, ACP-INV-NO-UPSB1, ACP-BAC-MA-1J1-2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1383	99.5	0.0	1.104E-009	UNITY, ACP-INV-NO-UPSB1, ACP-BAC-MA-1J1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1384	99.5	0.0	1.101E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-CCF-FS-MDPAB, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1385	99.5	0.0	1.101E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, CCW-CCF-FS-MDPAB

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1386	99.5	0.0	1.101E-009	UNITY, LPR-MOV-FT-1862B, RHR-MDP-FS-RHR1A, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1387	99.5	0.0	1.101E-009	UNITY, LPR-MOV-FT-1862B, RHR-MDP-FS-RHR1B, CCW-LF-RHE2A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1388	99.5	0.0	1.101E-009	UNITY, ACP-CRB-CO-III35, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
1389	99.5	0.0	1.101E-009	UNITY, ACP-CRB-CO-1II, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
1390	99.5	0.0	1.100E-009	UNITY, ACP-BAC-ST-1H1-1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
1391	99.6	0.0	1.097E-009	UNITY, LOOPISOLATED2R6, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, A-R3W2-XHE-X
1392	99.6	0.0	1.096E-009	UNITY, REFUEL, LOSP, OEP-CCF-FS-DG13, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
1393	99.6	0.0	1.096E-009	UNITY, REFUEL, LOSP, OEP-CCF-FS-DG12, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
1394	99.6	0.0	1.086E-009	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, SGB-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1395	99.6	0.0	1.086E-009	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, SGA-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1396	99.6	0.0	1.085E-009	UNITY, ACP-BAC-ST-4KV1H, CCW-MDP-MA-CCP1B, PROB-RHR2A, DR-MT, PROB-W1D6A
1397	99.6	0.0	1.082E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, SWS-MOV-OP-RSS, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
1398	99.6	0.0	1.077E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-XVM-PG-XV2, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILED12
1399	99.6	0.0	1.077E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-XVM-PG-XV6, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILED12
1400	99.6	0.0	1.074E-009	UNITY, LOSP, OEP-DGN-FC-DG3U2, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1401	99.6	0.0	1.073E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, D-VBW1-XHE, FREQ-VB
1402	99.6	0.0	1.070E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-FL-10, FREQ-SI, A-SIW1-XHE-R-3
1403	99.6	0.0	1.068E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-SI
1404	99.6	0.0	1.068E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-SI
1405	99.6	0.0	1.067E-009	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1
1406	99.6	0.0	1.066E-009	UNITY, LPI-MDP-FS-SI1B, RHR-SRV-CO-1721, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1407	99.6	0.0	1.066E-009	UNITY, LPR-MOV-FT-1860B, RHR-SRV-CO-1721, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1408	99.6	0.0	1.065E-009	UNITY, FREQ-RHR3, ACP-BAC-MA-1J1-2, PROB-W1D6, DR-MT, DURATION-D6
1409	99.6	0.0	1.065E-009	UNITY, FREQ-RHR3, ACP-BAC-MA-1J1, PROB-W1D6, DR-MT, DURATION-D6
1410	99.6	0.0	1.065E-009	UNITY, FREQ-RHR3, ACP-BAC-MA-4801J, PROB-W1D6, DR-MT, DURATION-D6
1411	99.6	0.0	1.063E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A
1412	99.6	0.0	1.062E-009	UNITY, LPI-MDP-FS-SI1B, CCW-SO-RV121, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1413	99.7	0.0	1.062E-009	UNITY, LPI-MDP-FS-SI1B, CCW-SO-RV118, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1414	99.7	0.0	1.062E-009	UNITY, LPR-MOV-FT-1860B, CCW-SO-RV121, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1415	99.7	0.0	1.062E-009	UNITY, LPR-MOV-FT-1860B, CCW-SO-RV118, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1416	99.7	0.0	1.061E-009	UNITY, DCP-BAT-LP-BAT1A, LOSP, PROB-RHR2A, DR-MT, PROB-W2D6A
1417	99.7	0.0	1.061E-009	UNITY, REFUEL, MSS-AOV-FC-101B, DURATION-R6, CCW-LF-RHE2A, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1418	99.7	0.0	1.061E-009	UNITY, REFUEL, MSS-AOV-FC-101C, DURATION-R6, CCW-LF-RHE2A, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
1419	99.7	0.0	1.061E-009	UNITY, REFUEL, MSS-AOV-FC-101A, DURATION-R6, CCW-LF-RHE2A, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2
1420	99.7	0.0	1.060E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-CKV-FT-CC563, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1421	99.7	0.0	1.060E-009	UNITY, ACC-CKV-FT-CV147, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1422	99.7	0.0	1.060E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-CKV-FT-CV5, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1423	99.7	0.0	1.056E-009	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6
1424	99.7	0.0	1.055E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-L2, NRAC262, 2EH1L2, A-L2W2-XHE-R-4
1425	99.7	0.0	1.053E-009	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, DURATION-R6, FREQ-RHR2B, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1426	99.7	0.0	1.051E-009	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1427	99.7	0.0	1.048E-009	UNITY, REFUEL, LPR-MOV-FT-1862B, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-RAW1-XHE-R-4, PROB-W1R6A
1428	99.7	0.0	1.048E-009	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, SGB-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6
1429	99.7	0.0	1.048E-009	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, SGA-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6
1430	99.7	0.0	1.046E-009	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L2, D-L2W3-XHE
1431	99.7	0.0	1.043E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PPS-MOV-FT-1536, FREQ-RHR3, PORV-PATH-CLSD, PROB-W1D6, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1432	99.7	0.0	1.041E-009	UNITY, LPI-CCF-FS-SI1AB, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A
1433	99.7	0.0	1.041E-009	UNITY, LPI-CCF-FS-SI1AB, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A
1434	99.7	0.0	1.040E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, PROB-1HFAILED12
1435	99.8	0.0	1.036E-009	UNITY, LPR-CCF-FT-862AB, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
1436	99.8	0.0	1.036E-009	UNITY, LPR-CCF-FT-860AB, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
1437	99.8	0.0	1.036E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-VB
1438	99.8	0.0	1.035E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, A-SIW2-XHE-FL-19, H-SI-REC-W2, FREQ-SI
1439	99.8	0.0	1.030E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1440	99.8	0.0	1.025E-009	UNITY, HPI-MDP-FR-1A6HR, LPI-CCF-FS-SI1AB, PROB-RHR2A, DR-MT, PROB-W1D6A
1441	99.8	0.0	1.025E-009	UNITY, ACP-BAC-ST-VB111, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1442	99.8	0.0	1.025E-009	UNITY, LPI-MDP-FS-SI1B, RHR-CCF-FS-MDPAB, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
1443	99.8	0.0	1.025E-009	UNITY, LPR-MOV-FT-1860B, RHR-CCF-FS-MDPAB, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6
1444	99.8	0.0	1.025E-009	UNITY, ACP-BAC-ST-V1111, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1445	99.8	0.0	1.025E-009	UNITY, ACP-BAC-ST-VB111, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1446	99.8	0.0	1.025E-009	UNITY, ACP-BAC-ST-4KV1H, CCW-MDP-FS-CCP1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1447	99.8	0.0	1.025E-009	UNITY, ACP-BAC-ST-4KV1H, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1448	99.8	0.0	1.025E-009	UNITY, ACP-BAC-ST-V1111, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 2.367E-005

End State ->CD

This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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1449	99.8	0.0	1.025E-009	UNITY, ACP-BAC-ST-4KV1J, RHR-MDP-FS-RHR1A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1450	99.8	0.0	1.025E-009	UNITY, DCP-BDC-ST-BUS1B, RHR-MDP-FS-RHR1A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1451	99.8	0.0	1.025E-009	UNITY, IAS-CCF-LF-INAIR, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI
1452	99.8	0.0	1.023E-009	UNITY, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, ACP-BAC-MA-1H1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI
1453	99.8	0.0	1.022E-009	UNITY, AFW-MDP-MA-FW3B, RHR-MDP-FS-RHR1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, PROB-1HFAILEDL3
1454	99.8	0.0	1.022E-009	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FS-CCP1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, PROB-1HFAILEDL3
1455	99.8	0.0	1.022E-009	UNITY, LPR-MOV-FT-1862B, RHR-CCF-FS-MDPAB, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6
1456	99.8	0.0	1.018E-009	UNITY, ACP-INV-NO-UPSB1, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2
1457	99.8	0.0	1.016E-009	UNITY, MSS-AOV-FC-101A, CIR-COND-UNAVLBL, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1458	99.8	0.0	1.016E-009	UNITY, MSS-AOV-FC-101B, CIR-COND-UNAVLBL, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1459	99.9	0.0	1.016E-009	UNITY, ACP-BAC-ST-4KV1H, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
1460	99.9	0.0	1.016E-009	UNITY, ACP-BAC-ST-1J1-2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
1461	99.9	0.0	1.016E-009	UNITY, ACP-BAC-ST-1J1, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
1462	99.9	0.0	1.016E-009	UNITY, ACP-BAC-ST-4801J, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
1463	99.9	0.0	1.015E-009	UNITY, LPR-MOV-FT-1860B, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV
1464	99.9	0.0	1.015E-009	UNITY, LPI-MDP-FS-SI1B, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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1465	99.9	0.0	1.014E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3
1466	99.9	0.0	1.013E-009	UNITY, REFUEL, RWT-TNK-LF-RWST, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1467	99.9	0.0	1.012E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-SI, A-SIW2-XHE-R-3
1468	99.9	0.0	1.009E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MOV-FT-151D, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1469	99.9	0.0	1.009E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MOV-FT-151F, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1470	99.9	0.0	1.009E-009	UNITY, LPR-MOV-FT-1860B, PROB-RHR2A, RHR-MDP-FS-RHR1B, CCW-LF-RHE2A, DR-MT, PROB-W1D6A
1471	99.9	0.0	1.009E-009	UNITY, LPR-MOV-FT-1860B, PROB-RHR2A, RHR-MDP-FS-RHR1A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A
1472	99.9	0.0	1.009E-009	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, RHR-MDP-FS-RHR1B, CCW-LF-RHE2A, DR-MT, PROB-W1D6A
1473	99.9	0.0	1.009E-009	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, RHR-MDP-FS-RHR1A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A
1474	99.9	0.0	1.008E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1475	99.9	0.0	1.008E-009	UNITY, ACP-TFM-NO-1J, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
1476	99.9	0.0	1.008E-009	UNITY, ACP-TFM-NO-1J1, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI
1477	99.9	0.0	1.007E-009	UNITY, LOSP, PROB-RHR2A, DR-MT, A-RAW1-XHE-C-9, PROB-W1D6A
1478	99.9	0.0	1.003E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, PROB-RHR2A, SGA-DRAINED-R, DR-MT, PROB-W3D6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 2.367E-005

End State ->CD
This Partition -> 2.367E-005

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
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1479	99.9	0.0	1.003E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, PROB-RHR2A, SGB-DRAINED-R, DR-MT, PROB-W3D6A
1480	99.9	0.0	1.003E-009	UNITY, HPI-MDP-FS-CH2C, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455
1481	99.9	0.0	1.002E-009	UNITY, ISR-MDP-FS-RS1A, LPI-MDP-FR-B24HR, OSR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6
1482	100.0	0.0	1.000E-009	UNITY, HPI-CKV-FT-CV25, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1483	100.0	0.0	1.000E-009	UNITY, HPI-CKV-FT-CV410, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A

Appendix F.2

Basic Event Importance Based on Cutsets Without Recovery Actions

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
UNITY	6482	1.000E+000	1.000E+000	-----	1.000E+000
DR-MT	3897	1.200E+000	7.583E-001	4.137E+000	8.736E-001
DURATION-D6	3191	2.550E+002	7.011E-001	3.345E+000	3.017E-001
PROB-W1D6	1848	1.170E-001	4.874E-001	1.951E+000	4.678E+000
REFUEL	2585	6.000E-001	2.417E-001	1.319E+000	1.161E+000
DURATION-R6	1857	2.380E+002	2.063E-001	1.260E+000	7.946E-001
FREQ-4KV	825	2.100E-005	2.061E-001	1.260E+000	8.757E+003
PROB-W2D6	1093	4.360E-001	1.790E-001	1.218E+000	1.232E+000
FREQ-RHR3	515	4.090E-006	1.770E-001	1.215E+000	2.786E+004
PROB-W2R6	1136	5.430E-001	1.697E-001	1.204E+000	1.143E+000
ACP-INV-NO-UPSA2	507	4.000E-002	1.491E-001	1.175E+000	4.578E+000
LPR-CCF-PG-SUMP1	370	1.000E-002	1.486E-001	1.175E+000	1.571E+001
H-4KV-REC-W2	397	1.300E-002	1.459E-001	1.171E+000	1.208E+001
FREQ-SI	1152	1.060E-004	1.266E-001	1.145E+000	1.178E+003
AFW-MDP-MA-FW3B	429	5.272E-001	1.252E-001	1.143E+000	1.112E+000
FREQ-CCW	329	3.760E-006	1.239E-001	1.141E+000	2.360E+004
H-CCW-REC-W1	180	8.000E-001	1.172E-001	1.133E+000	1.029E+000
NRAC262	766	2.600E-001	1.140E-001	1.129E+000	1.325E+000
FREQ-L2	981	7.368E-007	1.122E-001	1.126E+000	3.900E+004
CCW-LF-RHE2B	565	1.860E-002	1.032E-001	1.115E+000	6.444E+000
LOOPISOLATED2R6	644	7.000E-001	8.868E-002	1.097E+000	1.038E+000
LPR-MOV-FT-1862B	281	5.200E-003	7.737E-002	1.084E+000	1.580E+001
PROB-RHR2A	1148	1.620E-002	7.691E-002	1.083E+000	5.671E+000
H-SI-REC-W1	295	3.500E-001	6.206E-002	1.066E+000	1.115E+000
LPI-MDP-FS-SI1B	472	3.000E-003	5.746E-002	1.061E+000	2.009E+001
FREQ-B1	66	1.952E-008	5.614E-002	1.059E+000	3.961E+004
FREQ-L1	161	6.197E-006	5.058E-002	1.053E+000	7.479E+003
PROB-W1D6A	579	3.100E-001	5.018E-002	1.053E+000	1.112E+000
H-4KV-REC-W1	107	1.800E-002	4.684E-002	1.049E+000	3.555E+000
NRAC200	224	3.200E-001	4.637E-002	1.049E+000	1.099E+000
CPC-MDP-MA-SW10B	1007	9.274E-001	4.554E-002	1.048E+000	1.004E+000
LPR-MOV-FT-1860B	217	3.000E-003	4.445E-002	1.047E+000	1.577E+001
PROB-1HFAILEDL2	926	3.290E-001	3.851E-002	1.040E+000	1.079E+000
OSR-TRA-MA	499	2.500E-001	3.417E-002	1.035E+000	1.103E+000
PROB-W3D6	220	3.750E-001	3.337E-002	1.035E+000	1.056E+000
ACP-INV-NO-UPSB1	258	4.000E-002	3.228E-002	1.033E+000	1.775E+000
CPC-MDP-FR-SW10A	643	3.840E-003	3.174E-002	1.033E+000	9.233E+000
ISR-TRA-MA	403	2.500E-001	3.000E-002	1.031E+000	1.090E+000
LOSP	378	1.670E-004	2.236E-002	1.023E+000	1.346E+002
CON-VFC-RP-COREM	235	2.000E-002	2.235E-002	1.023E+000	2.095E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
2EH1L2	331	1.810E-001	2.060E-002	1.021E+000	1.093E+000
ACP-BAC-ST-4KV1H	365	9.000E-005	1.977E-002	1.020E+000	2.200E+002
CCW-LF-RHE2A	289	1.860E-002	1.904E-002	1.019E+000	2.004E+000
FRAC-POS10	382	5.000E-001	1.903E-002	1.019E+000	1.019E+000
D-L1W2-XHE	3	3.600E-004	1.868E-002	1.019E+000	5.287E+001
PROB-W3R6	164	4.100E-001	1.858E-002	1.019E+000	1.027E+000
PROB-W1R6	534	1.700E-002	1.760E-002	1.018E+000	2.018E+000
RHR-MDP-FS-RHR1B	198	3.000E-003	1.608E-002	1.016E+000	6.345E+000
DURATION-R10	286	4.440E+002	1.573E-002	1.016E+000	9.843E-001
D-L1W3-XHE	5	3.600E-004	1.554E-002	1.016E+000	4.413E+001
PROB-W4R10	261	9.840E-001	1.511E-002	1.015E+000	1.000E+000
IAS-CPS-FS-IAC-1	331	8.000E-002	1.434E-002	1.015E+000	1.165E+000
NRAC346	216	1.900E-001	1.395E-002	1.014E+000	1.059E+000
FREQ-L3	312	3.810E-008	1.384E-002	1.014E+000	3.970E+004
FREQ-B2	20	3.167E-009	1.356E-002	1.014E+000	-2.503E+006
LPR-CCF-PG-SUMP2	333	1.000E-001	1.300E-002	1.013E+000	1.117E+000
A-SIW1-XHE-R-12	58	8.500E-003	1.211E-002	1.012E+000	2.412E+000
FREQ-RHR5	242	2.120E-005	1.165E-002	1.012E+000	5.467E+002
ACP-BAC-ST-4KV1J	148	9.000E-005	1.162E-002	1.012E+000	1.299E+002
PROB-W2R6A	190	7.000E-001	1.160E-002	1.012E+000	1.005E+000
DCP-BAT-LP-BAT1B	111	7.200E-004	1.148E-002	1.012E+000	1.693E+001
ACP-BCH-MA-UPSB2	92	4.003E-001	1.113E-002	1.011E+000	1.017E+000
ACP-BCH-MA-UPSB1	92	4.003E-001	1.113E-002	1.011E+000	1.017E+000
MSS-AOV-FC-101A	258	1.500E-001	1.084E-002	1.011E+000	1.061E+000
MSS-AOV-FC-101B	258	1.500E-001	1.084E-002	1.011E+000	1.061E+000
D-SIW2-XHE	3	1.200E-005	1.065E-002	1.011E+000	8.840E+002
OEP-DGN-FS-DG01	115	2.200E-002	1.063E-002	1.011E+000	1.473E+000
CCW-MDP-FS-CCP1B	93	3.000E-003	1.027E-002	1.010E+000	4.413E+000
FREQ-VB	182	5.580E-006	9.109E-003	1.009E+000	1.602E+003
FREQ-RHR4	186	5.280E-006	9.104E-003	1.009E+000	1.690E+003
LOOPISOLATED1R6	200	3.000E-001	9.031E-003	1.009E+000	1.021E+000
NRAC455	121	1.400E-001	8.887E-003	1.009E+000	1.055E+000
D-SIW3-XHE	5	1.200E-005	8.859E-003	1.009E+000	7.359E+002
DCP-BDC-ST-BUS1B	86	9.000E-005	8.749E-003	1.009E+000	9.813E+001
SAS-CPS-FR-2SAC1	213	4.800E-003	8.156E-003	1.008E+000	2.691E+000
SAS-CPS-FR-1SAC1	213	4.800E-003	8.156E-003	1.008E+000	2.691E+000
LPI-CCF-FS-SI1AB	138	4.500E-004	8.118E-003	1.008E+000	1.903E+001
A-RAW1-XHE-R-4	52	1.200E-003	7.805E-003	1.008E+000	7.496E+000
FREQ-RHR2B	315	1.220E-005	7.756E-003	1.008E+000	6.317E+002
D-L1W1-XHE	3	8.200E-004	7.712E-003	1.008E+000	1.040E+001

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
RHR-CCF-FS-MDPAB	152	4.500E-004	7.599E-003	1.008E+000	1.788E+001
ACP-BAC-ST-1H1	161	9.000E-005	7.147E-003	1.007E+000	8.033E+001
CCW-MDP-MA-CCP1B	68	2.000E-003	6.771E-003	1.007E+000	4.379E+000
H-CCW-REC-W2	143	4.500E-001	6.649E-003	1.007E+000	1.008E+000
A-L2W1-XHE-R-4	37	1.600E-002	6.361E-003	1.006E+000	1.391E+000
A-R3W1-XHE-C-8	6	1.000E-003	5.973E-003	1.006E+000	6.967E+000
PROB-W2D6A	105	4.540E-001	5.909E-003	1.006E+000	1.007E+000
A-4KW2-XHE-R-12	26	3.000E-003	5.701E-003	1.006E+000	2.895E+000
SGB-DRAINED-R	162	2.300E-002	5.603E-003	1.006E+000	1.238E+000
SGA-DRAINED-R	162	2.300E-002	5.603E-003	1.006E+000	1.238E+000
RHR-ASF-PG-1605	122	3.000E-004	4.974E-003	1.005E+000	1.757E+001
A-SIW1-XHE-R-3	44	1.200E-003	4.889E-003	1.005E+000	5.069E+000
A-4KW1-XHE-R-12	7	8.500E-003	4.866E-003	1.005E+000	1.568E+000
FREQ-SR	15	1.810E-008	4.829E-003	1.005E+000	3.978E+004
D-L2W2-XHE	3	7.400E-004	4.566E-003	1.005E+000	7.166E+000
A-CCW1-XHE-C-9	6	1.000E-003	4.393E-003	1.004E+000	5.389E+000
A-L2W2-XHE-R-4	57	5.900E-003	4.376E-003	1.004E+000	1.737E+000
H-VB-REC-W1	78	3.000E-001	4.352E-003	1.004E+000	1.010E+000
ISR-MDP-FS-RS1A	98	3.800E-002	4.101E-003	1.004E+000	1.104E+000
D-RAW1-XHE	2	1.500E-005	3.922E-003	1.004E+000	2.623E+002
A-L1W1-XHE-R-4	43	1.600E-002	3.856E-003	1.004E+000	1.237E+000
OEP-DGN-FC-DG3U2	70	3.400E-002	3.821E-003	1.004E+000	1.109E+000
D-L2W3-XHE	5	7.400E-004	3.797E-003	1.004E+000	6.128E+000
D-SIW1-XHE	2	2.300E-005	3.698E-003	1.004E+000	1.617E+002
LPR-CCF-FT-862AB	44	2.600E-004	3.641E-003	1.004E+000	1.500E+001
LPR-CCF-FT-860AB	44	2.600E-004	3.641E-003	1.004E+000	1.500E+001
RHR-MDP-FR-B24HR	74	7.200E-004	3.629E-003	1.004E+000	6.036E+000
ACP-BAC-ST-1J1	54	9.000E-005	3.527E-003	1.004E+000	4.017E+001
ACP-BAC-ST-1J1-2	52	9.000E-005	3.501E-003	1.004E+000	3.988E+001
MSS-AOV-MA-101A	110	5.000E-002	3.293E-003	1.003E+000	1.063E+000
MSS-AOV-MA-101B	110	5.000E-002	3.293E-003	1.003E+000	1.063E+000
PROB-W4R10A	92	9.800E-001	3.250E-003	1.003E+000	1.000E+000
D-RAW2-XHE	3	5.100E-006	3.165E-003	1.003E+000	6.190E+002
D-L1W4-XHE	5	8.000E-005	3.109E-003	1.003E+000	3.985E+001
ACP-TFM-NO-1H1	81	4.080E-005	3.023E-003	1.003E+000	7.503E+001
HPI-MDP-FR-1A6HR	112	3.780E-004	2.913E-003	1.003E+000	8.702E+000
RHR-MDP-FS-RHR1A	93	3.000E-003	2.777E-003	1.003E+000	1.923E+000
PROB-W3R6A	58	2.400E-001	2.712E-003	1.003E+000	1.009E+000
DCP-BAT-LP-BAT1A	59	7.200E-004	2.572E-003	1.003E+000	4.569E+000
RWT-TNK-LF-RWST	34	2.700E-006	2.565E-003	1.003E+000	9.411E+002

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
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Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
OEP-DGN-FS-DG03	54	2.200E-002	2.462E-003	1.002E+000	1.109E+000
CCW-AOV-XHE-109	68	1.700E-003	2.389E-003	1.002E+000	2.403E+000
CCW-MDP-FR-CCP1B	36	7.200E-004	2.355E-003	1.002E+000	4.269E+000
A-VBW1-XHE-R-12	30	3.300E-002	2.167E-003	1.002E+000	1.063E+000
RHR-XVM-PG-XV2	57	4.400E-004	2.164E-003	1.002E+000	5.915E+000
RHR-XVM-PG-XV6	57	4.400E-004	2.164E-003	1.002E+000	5.915E+000
D-R5W2-XHE	3	1.200E-005	2.131E-003	1.002E+000	1.784E+002
D-SRW2-XHE	2	1.400E-002	2.122E-003	1.002E+000	1.149E+000
D-4KW2-XHE	3	1.200E-005	2.111E-003	1.002E+000	1.767E+002
PROB-W1R6A	97	5.820E-002	2.096E-003	1.002E+000	1.034E+000
CPC-MDP-MA0SW10B	58	4.473E-001	2.095E-003	1.002E+000	1.003E+000
ACP-CRB-CO-14H15	59	2.900E-005	2.076E-003	1.002E+000	7.252E+001
ACP-CRB-CO-15H7	59	2.900E-005	2.076E-003	1.002E+000	7.252E+001
A-SIW1-XHE-C-18	21	1.000E-003	1.829E-003	1.002E+000	2.827E+000
SOLAIR-COMP	56	1.632E-001	1.828E-003	1.002E+000	1.009E+000
FIRE-PUMP	56	1.632E-001	1.828E-003	1.002E+000	1.009E+000
MSS-AOV-FC-101C	95	1.500E-001	1.802E-003	1.002E+000	1.010E+000
D-R5W3-XHE	4	1.200E-005	1.770E-003	1.002E+000	1.483E+002
D-SRW3-XHE	4	1.400E-002	1.763E-003	1.002E+000	1.124E+000
D-4KW3-XHE	4	1.200E-005	1.753E-003	1.002E+000	1.469E+002
H-SI-REC-W2	76	2.200E-001	1.678E-003	1.002E+000	1.006E+000
A-R3W2-XHE-S1-8	47	4.200E-002	1.674E-003	1.002E+000	1.038E+000
MSS-NRV-MA-101B	78	5.000E-002	1.661E-003	1.002E+000	1.032E+000
MSS-NRV-MA-101A	78	5.000E-002	1.661E-003	1.002E+000	1.032E+000
CCW-MDP-FS-CCP1A	41	3.000E-003	1.656E-003	1.002E+000	1.550E+000
LPI-CKV-FT-CV50	40	1.000E-004	1.635E-003	1.002E+000	1.735E+001
ACP-TFM-NO-1J1	36	4.080E-005	1.551E-003	1.002E+000	3.900E+001
ACP-BAC-ST-4801J	38	9.000E-005	1.465E-003	1.001E+000	1.727E+001
HPI-CCF-FT-115BD	65	2.600E-004	1.410E-003	1.001E+000	6.420E+000
A-L3W1-XHE-CW-4	10	7.500E-002	1.408E-003	1.001E+000	1.017E+000
RHR-SRV-CO-1721	52	9.360E-005	1.403E-003	1.001E+000	1.598E+001
CCW-SO-RV118	52	9.330E-005	1.398E-003	1.001E+000	1.598E+001
CCW-SO-RV121	52	9.330E-005	1.398E-003	1.001E+000	1.598E+001
A-L3W2-XHE-CW-4	25	1.900E-002	1.384E-003	1.001E+000	1.071E+000
PROB-W4D6	30	7.200E-002	1.358E-003	1.001E+000	2.018E+000
LPR-CKV-FT-CV47	24	1.000E-004	1.352E-003	1.001E+000	1.451E+001
ACP-BAC-ST-VB1II	52	9.000E-005	1.349E-003	1.001E+000	1.598E+001
ACP-BAC-ST-V1III	52	9.000E-005	1.349E-003	1.001E+000	1.598E+001
OEP-CRB-FT-15H3	32	3.000E-003	1.340E-003	1.001E+000	1.445E+000
A-R3W2-XHE-X	21	1.000E-003	1.331E-003	1.001E+000	2.330E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
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Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
AFW-MDP-FS-FW3B	38	6.300E-003	1.327E-003	1.001E+000	1.209E+000
D-RAW3-XHE	4	5.100E-006	1.318E-003	1.001E+000	2.591E+002
ACP-CRB-CO-15J7	46	2.900E-005	1.287E-003	1.001E+000	4.535E+001
D-VBW2-XHE	3	2.700E-005	1.262E-003	1.001E+000	4.772E+001
HPR-MDP-FR-A18HR	33	1.224E-003	1.223E-003	1.001E+000	1.998E+000
LPR-MOV-FT-1890B	66	3.000E-003	1.118E-003	1.001E+000	1.371E+000
D-L2W1-XHE	2	1.000E-003	1.118E-003	1.001E+000	2.116E+000
D-B1W3-XHE	4	4.300E-002	1.109E-003	1.001E+000	1.025E+000
H-4KV-REC-W3	44	9.000E-003	1.104E-003	1.001E+000	1.122E+000
PROB-W3D6A	21	2.100E-001	1.090E-003	1.001E+000	1.004E+000
ACP-CRB-CO-14J11	29	2.900E-005	1.080E-003	1.001E+000	3.822E+001
ACP-CRB-CO-14J14	28	2.900E-005	1.075E-003	1.001E+000	3.804E+001
CPC-STR-PG-STR2A	54	1.800E-004	1.059E-003	1.001E+000	6.882E+000
D-VBW3-XHE	4	2.700E-005	1.048E-003	1.001E+000	3.981E+001
A-RAW1-XHE-C-9	28	1.000E-003	1.035E-003	1.001E+000	2.034E+000
ACP-BAC-ST-1H1-1	60	9.000E-005	9.625E-004	1.001E+000	1.169E+001
SGS-DRAINED-R	47	8.300E-003	9.598E-004	1.001E+000	1.115E+000
A-R5W1-XHE-R-4	13	1.200E-003	9.094E-004	1.001E+000	1.757E+000
A-4KW1-XHE-R-3	14	1.200E-003	9.092E-004	1.001E+000	1.757E+000
OEP-DGN-FR-DG01	26	2.000E-003	8.748E-004	1.001E+000	1.437E+000
A-4KW2-XHE-S2-17	15	5.300E-003	8.445E-004	1.001E+000	1.158E+000
D-R5W1-XHE	2	2.300E-005	7.396E-004	1.001E+000	3.315E+001
D-4KW1-XHE	2	2.300E-005	7.326E-004	1.001E+000	3.285E+001
D-SIW4-XHE	5	1.100E-006	7.312E-004	1.001E+000	6.625E+002
SGC-DRAINED-R	46	2.300E-002	7.119E-004	1.001E+000	1.030E+000
FREQ-AIR	33	2.120E-006	7.036E-004	1.001E+000	3.316E+002
LPI-MDP-FR-B24HR	21	7.200E-004	6.826E-004	1.001E+000	1.947E+000
OEP-CCF-FS-DG13	36	8.400E-004	6.805E-004	1.001E+000	1.809E+000
SSHR-AOV-XHE-105	40	1.300E-002	6.777E-004	1.001E+000	1.051E+000
D-VBW1-XHE	2	8.000E-005	6.771E-004	1.001E+000	9.463E+000
A-RAW1-XHE-M-12	12	1.100E-004	6.609E-004	1.001E+000	7.007E+000
A-B1W3-XHE-2CH-8	2	3.700E-002	6.570E-004	1.001E+000	1.017E+000
H-4KV-REC-W4	32	8.000E-003	6.546E-004	1.001E+000	1.081E+000
A-CCW2-XHE-S1-8	28	4.200E-002	6.435E-004	1.001E+000	1.015E+000
PROB-W3R10	25	1.600E-002	6.169E-004	1.001E+000	1.038E+000
CCW-CCF-FS-MDPAB	30	4.500E-004	6.146E-004	1.001E+000	2.365E+000
HPI-MOV-FT-1115B	50	3.000E-003	6.144E-004	1.001E+000	1.204E+000
HPI-MOV-FT-1115C	50	3.000E-003	6.144E-004	1.001E+000	1.204E+000
A-SIW1-XHE-C-9	21	1.000E-003	6.096E-004	1.001E+000	1.609E+000
D-L3W2-XHE	3	1.900E-003	6.063E-004	1.001E+000	1.318E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
ACP-INV-MA-UPSA2	15	2.000E-004	6.053E-004	1.001E+000	4.026E+000
IAS-CPS-FR-IAC-1	39	4.800E-003	6.032E-004	1.001E+000	1.125E+000
ACP-TFM-NO-1J	16	4.080E-005	6.023E-004	1.001E+000	1.576E+001
SAS-CCF-FR-SAC1	35	4.800E-004	5.989E-004	1.001E+000	2.247E+000
PRNR-ARW1	25	6.500E-001	5.913E-004	1.001E+000	1.000E+000
PZR-SV-REMOVEDW3	251	9.000E-001	5.753E-004	1.001E+000	1.000E+000
RHR-MDP-FR-A24HR	33	7.200E-004	5.583E-004	1.001E+000	1.775E+000
D-SRW4-XHE	5	4.800E-003	5.448E-004	1.001E+000	1.113E+000
CCW-HTX MA-E1B	57	1.452E-001	5.355E-004	1.001E+000	1.003E+000
A-CCW2-XHE-X	13	1.000E-003	5.327E-004	1.001E+000	1.532E+000
LPI-XVM-PG-XV48	14	3.650E-005	5.313E-004	1.001E+000	1.555E+001
CCW-XMV-PG-CC100	26	4.000E-005	5.302E-004	1.001E+000	1.425E+001
CCW-AOV-PG-109B	26	4.000E-005	5.302E-004	1.001E+000	1.425E+001
CCW-XMV-PG-CC220	26	4.000E-005	5.302E-004	1.001E+000	1.425E+001
D-RBW2-XHE	3	5.100E-006	5.211E-004	1.001E+000	1.031E+002
OEP-BAC-ST-FDRD	23	9.000E-005	5.177E-004	1.001E+000	6.752E+000
SWS-MOV-OP-RSS	21	1.440E-003	5.173E-004	1.001E+000	1.359E+000
A-RBW1-XHE-R-4	11	1.200E-003	5.170E-004	1.001E+000	1.430E+000
D-L3W3-XHE	4	1.900E-003	5.036E-004	1.001E+000	1.265E+000
CIR-COND-UNAVLBL	33	1.000E-002	4.971E-004	1.000E+000	1.049E+000
A-SIW1-XHE-FL-19	20	6.100E-002	4.792E-004	1.000E+000	1.007E+000
MSS-AOV-MA-101C	38	5.000E-002	4.752E-004	1.000E+000	1.009E+000
A-L2W3-XHE-R-4	12	5.900E-003	4.697E-004	1.000E+000	1.079E+000
D-L2W4-XHE	5	1.000E-004	4.620E-004	1.000E+000	5.620E+000
HPI-CKV-FT-CV410	27	1.000E-004	4.582E-004	1.000E+000	5.581E+000
HPI-CKV-FT-CV25	27	1.000E-004	4.582E-004	1.000E+000	5.581E+000
ACP-BAC-MA-1H1	19	7.270E-006	4.392E-004	1.000E+000	6.138E+001
CCW-MDP-FR-CCP1A	22	7.200E-004	4.356E-004	1.000E+000	1.605E+000
D-RBW3-XHE	4	5.100E-006	4.328E-004	1.000E+000	8.582E+001
PROB-W4R6	23	3.400E-002	4.282E-004	1.000E+000	1.012E+000
RHR-CKV-FT-CV5	18	1.000E-004	4.248E-004	1.000E+000	5.247E+000
ACP-CRB-CO-14J1	13	2.900E-005	4.188E-004	1.000E+000	1.544E+001
A-L3W2-XHE-R-4	19	5.900E-003	4.089E-004	1.000E+000	1.069E+000
A-ARW1-XHE-R-5	9	8.500E-003	4.066E-004	1.000E+000	1.047E+000
AFW-MOV-FT-151D	14	3.000E-003	3.938E-004	1.000E+000	1.131E+000
AFW-MOV-FT-151F	14	3.000E-003	3.938E-004	1.000E+000	1.131E+000
A-R3W1-XHE-S1-8	9	4.100E-002	3.907E-004	1.000E+000	1.009E+000
D-SRW1-XHE	2	1.400E-002	3.846E-004	1.000E+000	1.027E+000
ACP-BAC-ST-STB1J	18	9.000E-005	3.823E-004	1.000E+000	5.248E+000
ACP-CRB-CO-111	23	2.900E-005	3.744E-004	1.000E+000	1.391E+001

IMPORTANCE MEASURES REPORT (Alternate Cut Sets).
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
ACP-CRB-CO-III35	23	2.900E-005	3.744E-004	1.000E+000	1.391E+001
IAS-CCF-LF-INAIR	23	2.700E-005	3.485E-004	1.000E+000	1.391E+001
ISR-CCF-FS-RS1AB	12	4.200E-003	3.473E-004	1.000E+000	1.082E+000
DCP-BDC-ST-BUS1A	20	9.000E-005	3.440E-004	1.000E+000	4.822E+000
OEP-CCF-FS-DG12	16	8.400E-004	3.421E-004	1.000E+000	1.407E+000
A-B1W3-XHE-CW-8	2	1.900E-002	3.374E-004	1.000E+000	1.017E+000
CPC-MDP-FS-SW20A	6	8.000E-003	3.370E-004	1.000E+000	1.042E+000
A-L3W1-XHE-R-4	7	1.600E-002	3.295E-004	1.000E+000	1.020E+000
A-L3W3-XHE-CW-4	11	1.900E-002	3.258E-004	1.000E+000	1.017E+000
RHR-XVM-PG-XV8	23	4.400E-004	3.106E-004	1.000E+000	1.706E+000
RHR-XVM-PG-XV12	23	4.400E-004	3.106E-004	1.000E+000	1.706E+000
A-B1W3-XHE-2CH-4	2	3.700E-002	2.975E-004	1.000E+000	1.008E+000
OEP-BAC-ST-FDRF	27	9.000E-005	2.960E-004	1.000E+000	4.289E+000
OEP-CCF-FS-DG123	23	4.000E-004	2.908E-004	1.000E+000	1.727E+000
ACC-CKV-FT-CV147	10	1.000E-004	2.892E-004	1.000E+000	3.892E+000
CCW-CKV-FT-CC563	10	1.000E-004	2.892E-004	1.000E+000	3.892E+000
AFW-MDP-FS-FW3A	27	6.300E-003	2.874E-004	1.000E+000	1.045E+000
OEP-CRB-FT-15J3	13	3.000E-003	2.871E-004	1.000E+000	1.095E+000
A-4KW3-XHE-FL-13	10	8.000E-003	2.860E-004	1.000E+000	1.035E+000
LPI-CKV-FT-CV46B	16	1.000E-004	2.837E-004	1.000E+000	3.836E+000
A-CCW1-XHE-S1-8	7	4.100E-002	2.812E-004	1.000E+000	1.007E+000
D-RBW1-XHE	2	1.500E-005	2.776E-004	1.000E+000	1.950E+001
A-R3W1-XHE-FL-9	8	1.000E-002	2.745E-004	1.000E+000	1.027E+000
A-SIW1-XHE-S2-17	15	8.000E-002	2.711E-004	1.000E+000	1.003E+000
OSR-MDP-FS-RS2A	12	3.000E-003	2.640E-004	1.000E+000	1.088E+000
D-R3W2-XHE	3	7.700E-006	2.638E-004	1.000E+000	3.525E+001
A-SIW2-XHE-X	19	1.000E-003	2.633E-004	1.000E+000	1.263E+000
D-L3W1-XHE	3	4.300E-003	2.485E-004	1.000E+000	1.058E+000
A-L2W2-XHE-S1-17	12	5.300E-003	2.472E-004	1.000E+000	1.046E+000
ACP-BAC-MA-1J1	12	7.270E-006	2.436E-004	1.000E+000	3.449E+001
ACP-BAC-MA-1J1-2	12	7.270E-006	2.436E-004	1.000E+000	3.449E+001
CCW-HTX-PG-E1A	18	1.368E-004	2.421E-004	1.000E+000	2.770E+000
A-L2-XHE-S	14	4.700E-003	2.405E-004	1.000E+000	1.051E+000
CPC-CCF-LF-STRAB	15	4.700E-005	2.373E-004	1.000E+000	6.048E+000
CPC-CCF-LF-STR1	15	4.700E-005	2.373E-004	1.000E+000	6.048E+000
PORV-PATH-CLSD	14	5.000E-002	2.303E-004	1.000E+000	1.004E+000
PPS-MOV-FT-1536	14	4.000E-002	2.303E-004	1.000E+000	1.006E+000
D-RAW4-XHE	3	1.100E-006	2.301E-004	1.000E+000	2.099E+002
ACP-CRB-CO-14H14	19	2.900E-005	2.299E-004	1.000E+000	8.927E+000
A-VBW1-XHE-R-3	7	1.200E-003	2.275E-004	1.000E+000	1.189E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
D-R4W2-XHE	3	5.100E-006	2.255E-004	1.000E+000	4.521E+001
LPR-CCF-FT-863AB	7	2.600E-004	2.167E-004	1.000E+000	1.833E+000
A-4KW1-XHE-S2-17	6	8.000E-002	2.167E-004	1.000E+000	1.002E+000
D-R3W3-XHE	3	7.700E-006	2.167E-004	1.000E+000	2.913E+001
A-R4W1-XHE-R-4	7	1.200E-003	2.152E-004	1.000E+000	1.179E+000
D-VBW4-XHE	4	5.900E-006	2.045E-004	1.000E+000	3.566E+001
SWS-CCF-FT-3ABCD	9	6.300E-004	1.988E-004	1.000E+000	1.315E+000
A-CCW1-XHE-FL-10	6	1.000E-002	1.952E-004	1.000E+000	1.019E+000
AFW-CKV-OO-CV142	14	1.000E-003	1.932E-004	1.000E+000	1.193E+000
D-R4W3-XHE	3	5.100E-006	1.853E-004	1.000E+000	3.732E+001
A-SIW2-XHE-R-12	12	3.000E-003	1.824E-004	1.000E+000	1.061E+000
CPC-MDP-FS-SW10B	18	8.000E-003	1.791E-004	1.000E+000	1.022E+000
A-R4W1-XHE-C-9	4	1.000E-003	1.765E-004	1.000E+000	1.176E+000
OEP-DGN-FR-DG03	7	2.000E-003	1.730E-004	1.000E+000	1.086E+000
LPR-MOV-PG-1890B	21	6.600E-004	1.718E-004	1.000E+000	1.260E+000
A-L2W3-XHE-FL-12	12	1.300E-002	1.658E-004	1.000E+000	1.013E+000
HPI-MDP-FS-CH2C	5	4.000E-003	1.651E-004	1.000E+000	1.041E+000
A-SIW1-XHE-FL-10	10	6.600E-002	1.628E-004	1.000E+000	1.002E+000
MSS-NRV-MA-101C	16	5.000E-002	1.615E-004	1.000E+000	1.003E+000
IAS-AOV-FT-TV126	14	1.000E-003	1.551E-004	1.000E+000	1.155E+000
A-B1W3-XHE-CW-4	2	1.900E-002	1.528E-004	1.000E+000	1.008E+000
CCW-XMV-PG-CC112	11	4.000E-005	1.525E-004	1.000E+000	4.812E+000
CCW-XMV-PG-CC116	11	4.000E-005	1.525E-004	1.000E+000	4.812E+000
LPI-MDP-FR-1B6HR	6	1.800E-004	1.468E-004	1.000E+000	1.816E+000
A-4KW2-XHE-S1-17	7	1.000E-003	1.445E-004	1.000E+000	1.144E+000
D-R3W1-XHE	2	2.300E-005	1.427E-004	1.000E+000	7.203E+000
D-R5W4-XHE	3	1.100E-006	1.417E-004	1.000E+000	1.297E+002
A-L1W1-XHE-C-13	1	1.000E-003	1.409E-004	1.000E+000	1.141E+000
D-4KW4-XHE	3	1.100E-006	1.404E-004	1.000E+000	1.285E+002
HPI-XVM-PG-XV24	9	4.000E-005	1.399E-004	1.000E+000	4.498E+000
ACP-CRB-CO-15J8	11	2.900E-005	1.382E-004	1.000E+000	5.766E+000
A-L3-XHE-S	13	1.800E-002	1.373E-004	1.000E+000	1.007E+000
SGS-DRAINED-CSD	10	1.000E-003	1.348E-004	1.000E+000	1.135E+000
A-SIW2-XHE-R-3	10	5.200E-004	1.347E-004	1.000E+000	1.259E+000
A-L2W1-XHE-S1-17	6	8.000E-002	1.343E-004	1.000E+000	1.002E+000
A-VBW1-XHE-FL-19	6	2.500E-001	1.324E-004	1.000E+000	1.000E+000
A-VBW1-XHE-C-18	3	1.000E-003	1.299E-004	1.000E+000	1.130E+000
A-R5W1-XHE-C-4	9	1.000E-003	1.296E-004	1.000E+000	1.129E+000
RHR-AOV-CO-1758	12	1.200E-005	1.265E-004	1.000E+000	1.154E+001
CPC-MDP-FS-2CC2A	5	3.000E-003	1.238E-004	1.000E+000	1.041E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
AFW-MOV-MA-151A	7	7.260E-002	1.223E-004	1.000E+000	1.002E+000
D-R4W1-XHE	2	1.500E-005	1.201E-004	1.000E+000	9.008E+000
AFW-MOV-MA-151F	7	1.000E-003	1.173E-004	1.000E+000	1.117E+000
AFW-MOV-MA-151D	7	1.000E-003	1.173E-004	1.000E+000	1.117E+000
RHR-XVM-PG-XV24	9	4.400E-004	1.142E-004	1.000E+000	1.260E+000
RHR-XVM-PG-XV20	9	4.400E-004	1.142E-004	1.000E+000	1.260E+000
CCW-HTX-LK-E1A	12	7.200E-005	1.102E-004	1.000E+000	2.531E+000
CCW-XVM-PG-CC560	7	4.000E-005	1.078E-004	1.000E+000	3.694E+000
CCW-XVM-PG-CC564	7	4.000E-005	1.078E-004	1.000E+000	3.694E+000
D-CCW2-XHE	2	7.700E-006	1.071E-004	1.000E+000	1.491E+001
A-L3W4-XHE-CW-5	2	7.500E-003	1.064E-004	1.000E+000	1.014E+000
D-CCW1-XHE	2	2.300E-005	1.049E-004	1.000E+000	5.562E+000
A-L2W4-XHE-R-5	2	1.600E-003	1.043E-004	1.000E+000	1.065E+000
ACP-CRB-CO-15J9	9	2.900E-005	1.036E-004	1.000E+000	4.573E+000
A-4KW1-XHE-C-9	7	1.000E-003	9.644E-005	1.000E+000	1.096E+000
PRNR-ARW2	6	3.500E-001	9.532E-005	1.000E+000	1.000E+000
D-L3W4-XHE	3	4.100E-004	9.495E-005	1.000E+000	1.231E+000
A-RAW2-XHE-R-4	7	5.200E-004	9.458E-005	1.000E+000	1.182E+000
A-B1W4-XHE-CW-8	2	7.500E-003	9.258E-005	1.000E+000	1.012E+000
ACP-BAC-MA-4801J	5	7.270E-006	9.132E-005	1.000E+000	1.356E+001
A-L3W3-XHE-R-4	6	5.900E-003	9.050E-005	1.000E+000	1.015E+000
A-SIW2-XHE-C-13	3	1.000E-003	8.830E-005	1.000E+000	1.088E+000
A-RAW2-XHE-X	10	1.000E-003	8.579E-005	1.000E+000	1.086E+000
ACP-INV-NO-UPSA1	9	4.000E-002	8.441E-005	1.000E+000	1.002E+000
ACP-INV-MA-UPSB1	7	2.000E-004	8.366E-005	1.000E+000	1.418E+000
H-SI-REC-W3	7	1.600E-001	8.322E-005	1.000E+000	1.000E+000
H-CCW-REC-W3	5	2.500E-001	8.284E-005	1.000E+000	1.000E+000
A-VBW1-XHE-S2-17	9	4.000E-001	8.163E-005	1.000E+000	1.000E+000
D-RBW4-XHE	3	1.100E-006	8.157E-005	1.000E+000	7.512E+001
LPI-MOV-PG-1862B	4	4.000E-005	8.064E-005	1.000E+000	3.016E+000
A-L1W2-XHE-R-4	7	5.900E-003	7.804E-005	1.000E+000	1.013E+000
H-SI-REC-W4	8	1.300E-001	7.607E-005	1.000E+000	1.001E+000
DCP-CCF-LP-BT1AB	6	5.800E-006	7.392E-005	1.000E+000	1.374E+001
D-ARW2-XHE	2	1.200E-005	7.320E-005	1.000E+000	7.100E+000
DCP-CRB-CO-19	5	2.900E-005	7.121E-005	1.000E+000	3.455E+000
OEP-CCF-FS-DG23	5	8.400E-004	6.711E-005	1.000E+000	1.080E+000
CPC-MDP-FR-CC2A	8	7.200E-004	6.662E-005	1.000E+000	1.092E+000
A-L2W1-XHE-FL-18	2	6.100E-002	6.549E-005	1.000E+000	1.001E+000
2EH1-1	11	4.300E-004	6.445E-005	1.000E+000	1.150E+000
LPI-MDP-FR-1B1HR	4	3.000E-005	6.048E-005	1.000E+000	3.016E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
 Family : RHRMODEL EndState : CD
 Analysis : RANDOM
 Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
H-VB-REC-W2	7	2.000E-001	5.991E-005	1.000E+000	1.000E+000
A-SIW2-XHE-FL-19	4	1.300E-002	5.873E-005	1.000E+000	1.004E+000
A-SIW3-XHE-FL-7	5	1.300E-002	5.769E-005	1.000E+000	1.004E+000
CPC-MDP-FR-SW10B	7	3.840E-003	5.491E-005	1.000E+000	1.014E+000
PROB-W3R10A	4	2.200E-002	5.382E-005	1.000E+000	1.002E+000
A-RBW1-XHE-C-9	6	1.000E-003	5.313E-005	1.000E+000	1.053E+000
MSS-NRV-FT-101A	4	3.000E-003	5.084E-005	1.000E+000	1.017E+000
MSS-NRV-FT-101B	4	3.000E-003	5.084E-005	1.000E+000	1.017E+000
AFW-CCF-FS-FW3AB	5	3.500E-004	5.071E-005	1.000E+000	1.145E+000
A-L1W1-XHE-C-17	2	1.000E-003	4.989E-005	1.000E+000	1.050E+000
ACP-CRB-CO-15H8	9	2.900E-005	4.932E-005	1.000E+000	2.701E+000
D-CCW3-XHE	2	7.700E-006	4.812E-005	1.000E+000	7.248E+000
AFW-MDP-MA-FW3A	8	2.000E-003	4.791E-005	1.000E+000	1.024E+000
CCW-XVM-PG-XV580	7	4.000E-005	4.719E-005	1.000E+000	2.180E+000
CCW-XVM-PG-XV583	7	4.000E-005	4.719E-005	1.000E+000	2.180E+000
SWS-XVM-PG-XV39	7	4.000E-005	4.719E-005	1.000E+000	2.180E+000
SWS-XVM-PG-XV37	7	4.000E-005	4.719E-005	1.000E+000	2.180E+000
A-4KW3-XHE-FL-10	2	2.000E-003	4.634E-005	1.000E+000	1.023E+000
D-ARW1-XHE	1	2.300E-005	4.505E-005	1.000E+000	2.959E+000
LPI-MDP-FR-B18HR	4	5.400E-004	4.216E-005	1.000E+000	1.078E+000
A-R3W4-XHE-FL-7	3	1.200E-003	4.211E-005	1.000E+000	1.035E+000
ISR-MDP-FR-RS1A	3	7.200E-004	4.169E-005	1.000E+000	1.058E+000
OSR-STR-PG-RS2A	3	7.200E-004	4.169E-005	1.000E+000	1.058E+000
OSR-MDP-FR-A24HR	3	7.200E-004	4.169E-005	1.000E+000	1.058E+000
ISR-STR-PG-RS1AS	3	7.200E-004	4.169E-005	1.000E+000	1.058E+000
A-RBW1-XHE-M-12	4	1.100E-004	4.044E-005	1.000E+000	1.368E+000
A-4KW4-XHE-FL-13	2	1.100E-003	3.945E-005	1.000E+000	1.036E+000
A-SIW2-XHE-C-4	6	1.000E-003	3.890E-005	1.000E+000	1.039E+000
HPI-CKV-OO-267U2	4	1.000E-003	3.887E-005	1.000E+000	1.039E+000
HPI-CKV-OO-276U2	4	1.000E-003	3.887E-005	1.000E+000	1.039E+000
A-R3W2-XHE-C-8	2	1.000E-003	3.819E-005	1.000E+000	1.038E+000
SWS-MOV-PG-104C	3	6.500E-004	3.763E-005	1.000E+000	1.058E+000
SWS-MOV-PG-105A	3	6.500E-004	3.763E-005	1.000E+000	1.058E+000
SWS-MOV-PG-104A	3	6.500E-004	3.763E-005	1.000E+000	1.058E+000
SWS-MOV-PG-105C	3	6.500E-004	3.763E-005	1.000E+000	1.058E+000
CPC-MDP-FR-SW20A	4	9.600E-004	3.732E-005	1.000E+000	1.039E+000
ACP-XHE-FO-STBBS	5	5.000E-005	3.687E-005	1.000E+000	1.737E+000
A-R3W3-XHE-FL-3	1	1.200E-003	3.656E-005	1.000E+000	1.030E+000
RHR-CKV-FT-CV11	4	1.000E-004	3.626E-005	1.000E+000	1.363E+000
A-R3W2-XHE-FL-9	1	1.200E-003	3.578E-005	1.000E+000	1.030E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
D-R4W4-XHE	3	1.100E-006	3.530E-005	1.000E+000	3.309E+001
AFW-MOV-FT-151C	4	3.000E-003	3.528E-005	1.000E+000	1.012E+000
AFW-MOV-FT-151E	4	3.000E-003	3.528E-005	1.000E+000	1.012E+000
LPR-CCF-FT-890AB	7	2.600E-004	3.451E-005	1.000E+000	1.133E+000
ACP-BAC-ST-STB1H	4	9.000E-005	3.264E-005	1.000E+000	1.363E+000
A-B1W4-XHE-CW-5	1	7.500E-003	3.200E-005	1.000E+000	1.004E+000
A-L2W2-XHE-SF-17	4	1.000E-003	3.186E-005	1.000E+000	1.032E+000
CCW-CKV-FT-CC557	3	1.000E-004	3.181E-005	1.000E+000	1.318E+000
A-L1W1-XHE-FL-14	1	6.100E-002	3.061E-005	1.000E+000	1.000E+000
AFW-MOV-CC-151	3	2.600E-004	3.033E-005	1.000E+000	1.117E+000
LPI-MDP-FS-SI1A	2	3.000E-003	3.027E-005	1.000E+000	1.010E+000
LPI-CKV-OO-CV58	2	1.000E-003	3.027E-005	1.000E+000	1.030E+000
A-RAW1-XHE-S1-9	4	4.000E-002	2.973E-005	1.000E+000	1.001E+000
ACP-BAC-MA-1H1-1	5	7.270E-006	2.521E-005	1.000E+000	4.468E+000
MSS-AOV-FT-101A	3	1.000E-003	2.449E-005	1.000E+000	1.024E+000
MSS-AOV-FT-101B	3	1.000E-003	2.449E-005	1.000E+000	1.024E+000
A-L2W3-XHE-S1-8	2	5.300E-003	2.406E-005	1.000E+000	1.005E+000
A-L2W2-XHE-X	4	1.000E-003	2.359E-005	1.000E+000	1.024E+000
D-R3W4-XHE	2	1.100E-006	2.341E-005	1.000E+000	2.228E+001
A-VBW2-XHE-R-12	3	1.300E-002	2.290E-005	1.000E+000	1.002E+000
A-L3W4-XHE-R-5	2	1.600E-003	2.269E-005	1.000E+000	1.014E+000
PROB-W4D6A	1	2.600E-002	2.207E-005	1.000E+000	1.001E+000
R-B2W3-1-G	1	1.750E-002	2.203E-005	1.000E+000	1.001E+000
AFW-MDP-FR-3B6HR	3	1.800E-004	2.100E-005	1.000E+000	1.117E+000
A-R4W2-XHE-X	1	1.000E-003	2.010E-005	1.000E+000	1.020E+000
RHR-HTX-PG-E1B	3	1.368E-004	1.978E-005	1.000E+000	1.145E+000
A-4KW2-XHE-FL-14	2	8.000E-003	1.970E-005	1.000E+000	1.002E+000
A-4KW3-XHE-R-9	3	3.000E-003	1.906E-005	1.000E+000	1.006E+000
HPI-MOV-FT-1115E	3	3.000E-003	1.885E-005	1.000E+000	1.006E+000
HPI-MOV-FT-1115D	3	3.000E-003	1.885E-005	1.000E+000	1.006E+000
A-SIW3-XHE-FL-10	1	8.000E-003	1.880E-005	1.000E+000	1.002E+000
A-RAW1-XHE-FL-10	2	1.000E-002	1.821E-005	1.000E+000	1.002E+000
ACP-BAC-ST-4801H	2	9.000E-005	1.816E-005	1.000E+000	1.202E+000
ACP-BAC-ST-1H1-2	2	9.000E-005	1.816E-005	1.000E+000	1.202E+000
AFW-PSF-FC-XCONN	3	1.500E-004	1.750E-005	1.000E+000	1.117E+000
D-B1W4-XHE	2	1.200E-003	1.706E-005	1.000E+000	1.014E+000
A-L3W1-XHE-FL-18	1	6.100E-002	1.691E-005	1.000E+000	1.000E+000
D-ARW3-XHE	2	1.200E-005	1.691E-005	1.000E+000	2.409E+000
PRNR-ARW3	2	1.000E-001	1.691E-005	1.000E+000	1.000E+000
A-RAW2-XHE-S1-9	2	2.600E-003	1.686E-005	1.000E+000	1.006E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
A-R3W2-XHE-SF-8	3	1.000E-003	1.680E-005	1.000E+000	1.017E+000
A-L2W1-XHE-C-13	1	1.000E-003	1.676E-005	1.000E+000	1.017E+000
A-ARW1-XHE-C-10	1	1.000E-003	1.665E-005	1.000E+000	1.017E+000
OSR-CCF-FS-RS2AB	2	3.300E-004	1.665E-005	1.000E+000	1.050E+000
A-L3W2-XHE-S1-17	3	5.300E-003	1.641E-005	1.000E+000	1.003E+000
A-4KW1-XHE-FL-10	2	6.600E-002	1.500E-005	1.000E+000	1.000E+000
A-CCW2-XHE-FL-10	1	1.200E-003	1.480E-005	1.000E+000	1.012E+000
A-B1W4-XHE-2CH-8	1	1.400E-003	1.394E-005	1.000E+000	1.010E+000
A-VBW2-XHE-FL-19	2	5.400E-002	1.388E-005	1.000E+000	1.000E+000
A-R3W4-XHE-FL-4	1	1.200E-003	1.316E-005	1.000E+000	1.011E+000
A-R5W2-XHE-R-4	2	5.200E-004	1.306E-005	1.000E+000	1.025E+000
A-4KW2-XHE-R-3	2	5.200E-004	1.294E-005	1.000E+000	1.025E+000
A-CCW2-XHE-C-9	1	1.000E-003	1.234E-005	1.000E+000	1.012E+000
RHR-CKV-OO-CV5	2	1.000E-003	1.170E-005	1.000E+000	1.012E+000
RHR-CKV-OO-CV11	2	1.000E-003	1.170E-005	1.000E+000	1.012E+000
A-R3W1-XHE-P-3	1	1.000E-004	1.163E-005	1.000E+000	1.116E+000
SW-TBFLOWDIVER	2	2.664E-006	1.039E-005	1.000E+000	4.899E+000
CCW-LF-STK1	2	2.660E-006	1.037E-005	1.000E+000	4.899E+000
A-SIW2-XHE-S2-8	2	2.600E-003	1.013E-005	1.000E+000	1.004E+000
A-L1W1-XHE-FL-18	1	6.100E-002	9.797E-006	1.000E+000	1.000E+000
A-VBW1-XHE-C-9	1	1.000E-003	9.517E-006	1.000E+000	1.010E+000
D-B2W3-XHE	1	7.400E-003	9.315E-006	1.000E+000	1.001E+000
CCW-XMV-PG-CC122	1	4.000E-005	8.995E-006	1.000E+000	1.225E+000
CCW-XMV-PG-CC118	1	4.000E-005	8.995E-006	1.000E+000	1.225E+000
A-R5W2-XHE-X	2	1.000E-003	8.624E-006	1.000E+000	1.009E+000
A-CCW1-XHE-P-4	1	1.000E-004	8.551E-006	1.000E+000	1.086E+000
A-4KW2-XHE-X	2	1.000E-003	8.543E-006	1.000E+000	1.009E+000
A-CCW3-XHE-FL-5	1	1.200E-003	8.403E-006	1.000E+000	1.007E+000
A-R3W3-XHE-S1-7	1	4.200E-002	8.361E-006	1.000E+000	1.000E+000
A-L2W3-XHE-FL-7	1	2.000E-003	7.708E-006	1.000E+000	1.004E+000
RHR-XMV-FT-XV20	1	1.000E-004	7.505E-006	1.000E+000	1.075E+000
RHR-XMV-FT-XV24	1	1.000E-004	7.505E-006	1.000E+000	1.075E+000
A-L1W2-XHE-X	1	1.000E-003	7.485E-006	1.000E+000	1.007E+000
HOUSE-STBUSA	1	1.000E+000	7.481E-006	1.000E+000	1.000E+000
A-SRW1-XHE-RC-3	1	2.900E-004	7.461E-006	1.000E+000	1.026E+000
CCW-SO-RV119B	1	9.330E-005	7.002E-006	1.000E+000	1.075E+000
A-L3W1-XHE-S1-17	1	8.000E-002	6.980E-006	1.000E+000	1.000E+000
A-SRW2-XHE-RC-3	1	1.200E-004	6.686E-006	1.000E+000	1.056E+000
ACP-CRB-CO-15H9	1	2.900E-005	6.521E-006	1.000E+000	1.225E+000
DCP-CRB-CO-24	1	2.900E-005	6.521E-006	1.000E+000	1.225E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
HPI-MDP-FR-2C6HR	1	3.780E-004	6.387E-006	1.000E+000	1.017E+000
ACP-REC-NO-UPSB2	1	4.000E-004	6.079E-006	1.000E+000	1.015E+000
ACP-REC-NO-UPSB1	1	4.000E-004	6.079E-006	1.000E+000	1.015E+000
A-B1W4-XHE-2CH-5	1	1.400E-003	5.972E-006	1.000E+000	1.004E+000
AFW-CKV-FT-CV27	1	1.000E-004	5.784E-006	1.000E+000	1.058E+000
AFW-CKV-FT-CV58	1	1.000E-004	5.784E-006	1.000E+000	1.058E+000
AFW-CKV-FT-CV172	1	1.000E-004	5.784E-006	1.000E+000	1.058E+000
AFW-CKV-FT-CV133	1	1.000E-004	5.784E-006	1.000E+000	1.058E+000
AFW-CKV-FT-CV131	1	1.000E-004	5.784E-006	1.000E+000	1.058E+000
AFW-CCF-LK-STMBD	1	1.000E-004	5.784E-006	1.000E+000	1.058E+000
RHR-AOV-OO-1605	1	2.400E-006	5.742E-006	1.000E+000	3.393E+000
A-RAW1-XHE-P-4	1	1.000E-003	5.742E-006	1.000E+000	1.006E+000
CCW-HTX-MA0E1B	1	8.946E-001	5.585E-006	1.000E+000	1.000E+000
A-L2W2-XHE-FL-18	1	1.300E-002	5.444E-006	1.000E+000	1.000E+000
A-L2W4-XHE-FL-12	1	1.100E-003	5.439E-006	1.000E+000	1.005E+000
RHR-HTX-LK-E1B	1	7.200E-005	5.403E-006	1.000E+000	1.075E+000
A-L2W1-XHE-C-17	1	1.000E-003	5.362E-006	1.000E+000	1.005E+000
MSS-NRV-PG-101A	1	6.000E-004	5.206E-006	1.000E+000	1.009E+000
MSS-NRV-PG-101B	1	6.000E-004	5.206E-006	1.000E+000	1.009E+000
A-VBW3-XHE-FL-7	1	5.400E-002	5.045E-006	1.000E+000	1.000E+000
AFW-MOV-MA-151C	1	1.000E-003	4.929E-006	1.000E+000	1.005E+000
AFW-MOV-MA-151E	1	1.000E-003	4.929E-006	1.000E+000	1.005E+000
A-SIW1-XHE-S2-8	1	4.000E-002	4.855E-006	1.000E+000	1.000E+000
ACP-TFM-NO-1H	1	4.080E-005	4.744E-006	1.000E+000	1.116E+000
A-RBW2-XHE-R-4	1	5.200E-004	4.625E-006	1.000E+000	1.009E+000
A-4KW3-XHE-FL-7	1	1.300E-002	4.570E-006	1.000E+000	1.000E+000
H-CCW-REC-W4	1	1.500E-001	4.537E-006	1.000E+000	1.000E+000
A-CCW4-XHE-G-6	1	1.000E+000	4.537E-006	1.000E+000	1.000E+000
A-RAW3-XHE-S1-8	1	2.600E-003	4.502E-006	1.000E+000	1.002E+000
A-L3W3-XHE-FL-12	1	1.300E-002	4.421E-006	1.000E+000	1.000E+000
A-SIW2-XHE-S2-17	1	5.300E-003	4.336E-006	1.000E+000	1.001E+000
AFW-MOV-FT-151B	1	3.000E-003	4.328E-006	1.000E+000	1.001E+000
PROB-W4R6A	1	1.480E-003	4.271E-006	1.000E+000	1.003E+000
A-VBW2-XHE-X	1	1.000E-003	4.249E-006	1.000E+000	1.004E+000
A-R3W3-XHE-FL-7	1	1.200E-003	4.063E-006	1.000E+000	1.003E+000
H-VB-REC-W3	1	1.500E-001	4.059E-006	1.000E+000	1.000E+000
A-VBW3-XHE-FL-10	1	3.500E-002	4.059E-006	1.000E+000	1.000E+000
PZR-SV-REMOVEDW1	630	1.000E-002	-1.920E-005	1.000E+000	9.981E-001
PROB-1HFAILEDL3	260	4.890E-001	-5.154E-004	9.995E-001	9.995E-001
PZR-SV-REMOVEDW4	377	3.000E-001	-9.974E-004	9.990E-001	9.977E-001

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
 Family : RHRMODEL EndState : CD
 Analysis : RANDOM
 Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
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PZR-SV-REMOVEDW2	1324	5.000E-002	-5.762E-003	9.943E-001	8.905E-001

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1	4.5	4.5	2.203E-007	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1, D-L1W2-XHE, /NRAC262
2	8.7	4.2	2.074E-007	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L1, D-L1W3-XHE, /NRAC346
3	12.2	3.4	1.697E-007	UNITY, PROB-W2D6, DR-MT, DURATION-D6, D-SIW2-XHE, FREQ-SI
4	15.2	3.0	1.464E-007	UNITY, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
5	18.2	3.0	1.460E-007	UNITY, PROB-W3D6, DR-MT, DURATION-D6, D-SIW3-XHE, FREQ-SI
6	20.8	2.5	1.237E-007	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, D-L1W1-XHE, /NRAC200
7	23.3	2.5	1.216E-007	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, D-L1W2-XHE, /NRAC262
8	25.5	2.2	1.077E-007	UNITY, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
9	27.4	1.9	9.522E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L1, D-L1W3-XHE, /NRAC346
10	29.4	1.9	9.370E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, D-SIW2-XHE, FREQ-SI
11	31.2	1.8	9.040E-008	UNITY, PROB-RHR2A, DR-MT, D-RAW1-XHE, PROB-W1D6A
12	33.0	1.7	8.729E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, D-SIW1-XHE, FREQ-SI
13	34.6	1.5	7.739E-008	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1, NRAC262, D-L1W2-XHE
14	36.1	1.5	7.380E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B1, NRAC200, A-B1W1-XHE-2CH-8
15	37.5	1.3	6.703E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, D-SIW3-XHE, FREQ-SI
16	38.7	1.2	5.822E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, NRAC200, D-L1W1-XHE
17	39.8	1.1	5.413E-008	UNITY, ACP-INV-NO-UPSA2, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
18	40.9	1.1	5.383E-008	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, D-L2W2-XHE, /NRAC262
19	41.9	1.0	5.068E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, D-L2W3-XHE, /NRAC346
20	42.9	1.0	4.864E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L1, NRAC346, D-L1W3-XHE
21	43.9	0.9	4.746E-008	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B2, NRAC262, R-B2W2-2

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
22	44.8	0.9	4.501E-008	UNITY, PROB-RHR2A, DR-MT, D-RAW2-XHE, PROB-W2D6A
23	45.7	0.9	4.393E-008	UNITY, LPI-MDP-FS-SI1B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
24	46.6	0.8	4.273E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, NRAC262, D-L1W2-XHE
25	47.5	0.8	4.068E-008	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B2, NRAC455
26	48.3	0.8	3.912E-008	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L1, D-L1W4-XHE, /NRAC455
27	49.0	0.7	3.628E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B2, NRAC200
28	49.7	0.7	3.394E-008	UNITY, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6, D-R5W2-XHE
29	50.4	0.6	3.381E-008	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SR, D-SRW2-XHE
30	51.1	0.6	3.362E-008	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, D-4KW2-XHE
31	51.8	0.6	3.297E-008	UNITY, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, D-RAW2-XHE, PROB-W2R6A
32	52.4	0.6	3.274E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L3, NRAC200, A-L3W1-XHE-CW-4
33	53.1	0.6	3.231E-008	UNITY, FREQ-CCW, LPI-MDP-FS-SI1B, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
34	53.7	0.6	2.972E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, D-L2W2-XHE, /NRAC262
35	54.3	0.6	2.949E-008	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
36	54.9	0.6	2.919E-008	UNITY, PROB-W3D6, FREQ-RHR5, DR-MT, DURATION-D6, D-R5W3-XHE
37	55.5	0.6	2.912E-008	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B1, NRAC262, D-B1W2-XHE
38	56.1	0.6	2.908E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SR, D-SRW3-XHE
39	56.7	0.5	2.892E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-4KV, D-4KW3-XHE
40	57.2	0.5	2.620E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B2, NRAC262, R-B2W2-2
41	57.8	0.5	2.517E-008	UNITY, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
42	58.3	0.5	2.471E-008	UNITY, CCW-LF-RHE2B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
43	58.8	0.4	2.327E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, D-L2W3-XHE, /NRAC346
44	59.2	0.4	2.234E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L1, NRAC346, D-L1W3-XHE
45	59.7	0.4	2.169E-008	UNITY, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
46	60.1	0.4	2.127E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B2, NRAC346, R-B2W3-2
47	60.5	0.4	2.109E-008	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, A-R3W2-XHE-X, LPR-CCF-PG-SUMP2
48	61.0	0.4	2.082E-008	UNITY, PROB-RHR2A, DR-MT, D-RW3-XHE, PROB-W3D6A
49	61.4	0.4	2.010E-008	UNITY, PROB-W2D6, DR-MT, DURATION-D6, D-VBW2-XHE, FREQ-VB
50	61.8	0.3	1.891E-008	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, D-L2W2-XHE
51	62.1	0.3	1.874E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5, D-R5W2-XHE
52	62.5	0.3	1.867E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SR, D-SRW2-XHE
53	62.9	0.3	1.856E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV, D-4KW2-XHE
54	63.3	0.3	1.830E-008	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
55	63.7	0.3	1.830E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B1, NRAC346, D-B1W3-XHE
56	64.0	0.3	1.794E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, D-L2W1-XHE, /NRAC200
57	64.4	0.3	1.746E-008	UNITY, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, D-R5W1-XHE
58	64.7	0.3	1.729E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, D-4KW1-XHE
59	65.1	0.3	1.729E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, D-VBW3-XHE, FREQ-VB
60	65.4	0.3	1.677E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B1, NRAC200, A-B1W1-XHE-CW-8

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
61	65.8	0.3	1.676E-008	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L1, D-L1W4-XHE, /NRAC455
62	66.1	0.3	1.608E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, D-B1W2-XHE
63	66.4	0.3	1.598E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, D-VBW1-XHE, FREQ-VB
64	66.8	0.3	1.532E-008	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
65	67.1	0.3	1.464E-008	UNITY, FREQ-RHR3, PROB-W1D6, A-R3W1-XHE-C-8, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
66	67.3	0.2	1.346E-008	UNITY, CON-VFC-RP-COREM, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
67	67.6	0.2	1.341E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-RHR5, D-R5W3-XHE
68	67.9	0.2	1.335E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-SR, D-SRW3-XHE
69	68.2	0.2	1.328E-008	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-4KV, D-4KW3-XHE
70	68.4	0.2	1.261E-008	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
71	68.7	0.2	1.195E-008	UNITY, ACP-BAC-ST-4KV1J, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
72	68.9	0.2	1.195E-008	UNITY, DCP-BDC-ST-BUS1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
73	69.1	0.2	1.189E-008	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L2, NRAC346, D-L2W3-XHE
74	69.4	0.2	1.150E-008	UNITY, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-R-12, R-W1D6-XHE-C-A3
75	69.6	0.2	1.129E-008	UNITY, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
76	69.8	0.2	1.110E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, D-VBW2-XHE, FREQ-VB

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
77	70.1	0.2	1.090E-008	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
78	70.3	0.2	1.077E-008	UNITY, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, A-CCW1-XHE-C-9, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
79	70.5	0.2	1.071E-008	UNITY, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, D-RAW3-XHE, PROB-W3R6A
80	70.7	0.2	1.070E-008	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI, D-SIW4-XHE
81	70.9	0.2	1.058E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L1, D-L1W3-XHE, /NRAC346
82	71.2	0.2	1.044E-008	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, D-L2W2-XHE
83	71.4	0.2	9.705E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
84	71.6	0.1	9.393E-009	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-L1, D-L1W4-XHE, /NRAC455
85	71.7	0.1	9.072E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SR, D-SRW1-XHE
86	71.9	0.1	9.044E-009	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B1, NRAC262, A-B1W2-XHE-2CH-8, R-B1W2-23-A
87	72.1	0.1	8.847E-009	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
88	72.3	0.1	8.441E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, D-L2W1-XHE
89	72.5	0.1	8.403E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-B1, NRAC346, D-B1W3-XHE
90	72.6	0.1	8.401E-009	UNITY, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW1, D-RAW1-XHE, PROB-W1R6A
91	72.8	0.1	8.305E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L1, D-L1W1-XHE, /NRAC200
92	73.0	0.1	8.301E-009	UNITY, FREQ-RHR2B, PROB-W2D6, D-RBW2-XHE, DR-MT, DURATION-D6
93	73.1	0.1	8.224E-009	UNITY, LPR-MOV-FT-1862B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A1W1D6-XHE-C
94	73.3	0.1	7.972E-009	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
95	73.5	0.1	7.971E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SR, D-SRW4-XHE
96	73.6	0.1	7.939E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, D-VBW3-XHE, FREQ-VB
97	73.8	0.1	7.447E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, D-SIW3-XHE, FREQ-SI
98	73.9	0.1	7.412E-009	UNITY, LPI-MDP-FS-SI1B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
99	74.1	0.1	7.363E-009	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MAOSW10B
100	74.2	0.1	7.320E-009	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
101	74.4	0.1	7.232E-009	UNITY, PROB-RHR2A, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
102	74.5	0.1	7.147E-009	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, D-L3W2-XHE, /NRAC262
103	74.7	0.1	7.140E-009	UNITY, FREQ-RHR2B, PROB-W3D6, D-RBW3-XHE, DR-MT, DURATION-D6
104	74.8	0.1	6.728E-009	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, D-L3W3-XHE, /NRAC346
105	74.9	0.1	6.589E-009	UNITY, LPI-CCF-FS-SI1AB, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
106	75.1	0.1	6.552E-009	UNITY, FREQ-RHR2B, PROB-W1D6, D-RBW1-XHE, DR-MT, DURATION-D6
107	75.2	0.1	6.506E-009	UNITY, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
108	75.3	0.1	6.400E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, D-L1W2-XHE, /NRAC262
109	75.5	0.1	6.368E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L1, NRAC455, D-L1W4-XHE
110	75.6	0.1	6.048E-009	UNITY, FREQ-CCW, LPR-MOV-FT-1862B, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A1
111	75.7	0.1	5.865E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
112	75.8	0.1	5.859E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, D-SIW1-XHE, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
113	76.0	0.1	5.837E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-E1
114	76.1	0.1	5.814E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, D-L2W4-XHE, /NRAC455
115	76.2	0.1	5.768E-009	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
116	76.3	0.1	5.483E-009	UNITY, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
117	76.4	0.1	5.459E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, D-L2W3-XHE
118	76.5	0.1	5.332E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, D-L3W2-XHE
119	76.6	0.1	5.131E-009	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
120	76.7	0.1	5.069E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
121	76.8	0.1	4.994E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, A-B1W2-XHE-2CH-8, R-B1W2-23-A
122	77.0	0.1	4.975E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
123	77.1	0.1	4.954E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-B1, NRAC200, A-B1W1-XHE-2CH-8
124	77.2	0.1	4.932E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, D-SIW2-XHE, FREQ-SI
125	77.3	0.1	4.920E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B1, NRAC200, D-B1W1-XHE
126	77.4	0.1	4.846E-009	UNITY, LPI-CCF-FS-SI1AB, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
127	77.5	0.1	4.744E-009	UNITY, LPR-MOV-FT-1860B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A2W1D6-XHE-C
128	77.5	0.1	4.644E-009	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B1, NRAC262, A-B1W2-XHE-CW-8, R-B1W2-23-A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
129	77.6	0.0	4.585E-009	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, D-SIW4-XHE, FREQ-SI
130	77.7	0.0	4.583E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6, D-RBW2-XHE
131	77.8	0.0	4.554E-009	UNITY, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3, R-W1D6-XHE-C-A3
132	77.9	0.0	4.423E-009	UNITY, LOSP, OEP-CRB-FT-15H3, PROB-RHR2A, DR-MT, PROB-W2D6A
133	78.0	0.0	4.287E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, /PROB-1HFAILEDL3
134	78.1	0.0	4.202E-009	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
135	78.2	0.0	4.202E-009	UNITY, FREQ-RHR3, D-R3W2-XHE, PROB-W2D6, DR-MT, DURATION-D6
136	78.3	0.0	4.060E-009	UNITY, CCW-MDP-FS-CCP1B, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
137	78.3	0.0	4.060E-009	UNITY, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
138	78.4	0.0	4.054E-009	UNITY, LOSP, OEP-DGN-FS-DG01, PROB-RHR2A, DR-MT, PROB-W2D6A, R-LOSP-DG01
139	78.5	0.0	4.030E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-S1-8, LPR-CCF-PG-SUMP1
140	78.6	0.0	3.989E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L3, D-L3W1-XHE, /NRAC200
141	78.7	0.0	3.985E-009	UNITY, RHR-MDP-FS-RHR1B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
142	78.8	0.0	3.982E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
143	78.8	0.0	3.908E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L1, NRAC200, D-L1W1-XHE
144	78.9	0.0	3.781E-009	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
145	79.0	0.0	3.767E-009	UNITY, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
146	79.1	0.0	3.767E-009	UNITY, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
147	79.1	0.0	3.703E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4
148	79.2	0.0	3.686E-009	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
149	79.3	0.0	3.667E-009	UNITY, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, D-RAW4-XHE, PROB-W4R10A
150	79.4	0.0	3.614E-009	UNITY, FREQ-RHR3, PROB-W3D6, D-R3W3-XHE, DR-MT, DURATION-D6
151	79.4	0.0	3.608E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
152	79.5	0.0	3.593E-009	UNITY, PROB-W2D6, FREQ-RHR4, DR-MT, DURATION-D6, D-R4W2-XHE
153	79.6	0.0	3.529E-009	UNITY, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
154	79.7	0.0	3.523E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-B2, NRAC346
155	79.7	0.0	3.521E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
156	79.8	0.0	3.516E-009	UNITY, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
157	79.9	0.0	3.489E-009	UNITY, FREQ-CCW, LPR-MOV-FT-1860B, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A2
158	80.0	0.0	3.466E-009	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L1, D-L1W3-XHE, /NRAC346
159	80.0	0.0	3.423E-009	UNITY, LOSEP, OEP-DGN-FC-DG3U2, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
160	80.1	0.0	3.416E-009	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SR, D-SRW4-XHE
161	80.2	0.0	3.404E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
162	80.2	0.0	3.387E-009	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
163	80.3	0.0	3.368E-009	UNITY, FREQ-RHR3, D-R3W1-XHE, PROB-W1D6, DR-MT, DURATION-D6
164	80.4	0.0	3.279E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6, D-RBW3-XHE
165	80.4	0.0	3.278E-009	UNITY, ACP-BAC-ST-4KV1J, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
166	80.5	0.0	3.278E-009	UNITY, DCP-BDC-ST-BUS1B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
167	80.6	0.0	3.259E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
168	80.6	0.0	3.239E-009	UNITY, REFUEL, LOSP, OEP-CRB-FT-15H3, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
169	80.7	0.0	3.223E-009	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-E1
170	80.8	0.0	3.192E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B2, NRAC262
171	80.8	0.0	3.181E-009	UNITY, REFUEL, LOSP, OEP-DGN-FC-DG3U2, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A
172	80.9	0.0	3.090E-009	UNITY, PROB-W3D6, FREQ-RHR4, DR-MT, DURATION-D6, D-R4W3-XHE
173	81.0	0.0	3.090E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, D-L3W3-XHE, /NRAC346
174	81.0	0.0	3.088E-009	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
175	81.1	0.0	3.086E-009	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
176	81.2	0.0	3.021E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, D-VBW4-XHE, FREQ-VB
177	81.2	0.0	2.969E-009	UNITY, REFUEL, LOSP, OEP-DGN-FS-DG01, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A, R-LOSP-DG01
178	81.3	0.0	2.964E-009	UNITY, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-S1-8, LPR-CCF-PG-SUMP1

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
179	81.3	0.0	2.949E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-C-8
180	81.4	0.0	2.949E-009	UNITY, LOSP, OEP-DGN-FR-DG01, PROB-RHR2A, DR-MT, PROB-W2D6A
181	81.5	0.0	2.907E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-S2-17
182	81.5	0.0	2.906E-009	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B1, NRAC262, R-B1W2-123-C-A
183	81.6	0.0	2.836E-009	UNITY, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, D-R4W1-XHE
184	81.6	0.0	2.782E-009	UNITY, CON-VFC-RP-COREM, ISR-MDP-FS-RS1A, OSR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
185	81.7	0.0	2.729E-009	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L1, NRAC455, D-L1W4-XHE
186	81.7	0.0	2.714E-009	UNITY, AFW-MDP-MA-FW3B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-E1
187	81.8	0.0	2.712E-009	UNITY, PROB-RHR2A, RHR-CCF-FS-MDPAB, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
188	81.9	0.0	2.711E-009	UNITY, CON-VFC-RP-COREM, REFUEL, FREQ-CCW, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
189	81.9	0.0	2.707E-009	UNITY, CCW-MDP-MA-CCP1B, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
190	82.0	0.0	2.600E-009	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
191	82.0	0.0	2.586E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, D-L2W3-XHE, /NRAC346
192	82.1	0.0	2.577E-009	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
193	82.1	0.0	2.569E-009	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-SI, D-SIW4-XHE
194	82.2	0.0	2.564E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, A-B1W2-XHE-CW-8, R-B1W2-23-A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
195	82.2	0.0	2.511E-009	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, D-L3W2-XHE
196	82.3	0.0	2.502E-009	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV
197	82.3	0.0	2.492E-009	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, D-L2W4-XHE, /NRAC455
198	82.4	0.0	2.482E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L1, NRAC346, D-L1W3-XHE
199	82.4	0.0	2.477E-009	UNITY, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, D-CCW1-XHE, DR-MT, DURATION-D6
200	82.5	0.0	2.472E-009	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
201	82.5	0.0	2.471E-009	UNITY, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-18, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
202	82.6	0.0	2.440E-009	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, D-SIW3-XHE, FREQ-SI
203	82.6	0.0	2.436E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-B2, NRAC200
204	82.7	0.0	2.414E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, FREQ-L1, A-L1W1-XHE-R-4, R-A3W1D6-XHE-C, /NRAC200
205	82.7	0.0	2.407E-009	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
206	82.8	0.0	2.407E-009	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
207	82.8	0.0	2.397E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
208	82.9	0.0	2.381E-009	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
209	82.9	0.0	2.320E-009	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
210	83.0	0.0	2.320E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, D-R3W2-XHE, /PZR-SV-REMOVEDW2, PROB-W2R6
211	83.0	0.0	2.317E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-R-12
212	83.1	0.0	2.314E-009	UNITY, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
213	83.1	0.0	2.314E-009	UNITY, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
214	83.2	0.0	2.302E-009	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW3, PROB-W3R6
215	83.2	0.0	2.292E-009	UNITY, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, A-R3W2-XHE-X, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
216	83.3	0.0	2.274E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
217	83.3	0.0	2.266E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
218	83.3	0.0	2.261E-009	UNITY, REFUEL, DURATION-R6, SGA-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
219	83.4	0.0	2.261E-009	UNITY, REFUEL, DURATION-R6, SGC-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
220	83.4	0.0	2.261E-009	UNITY, REFUEL, DURATION-R6, SGB-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
221	83.5	0.0	2.253E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
222	83.5	0.0	2.249E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, NRAC262, D-L1W2-XHE
223	83.6	0.0	2.215E-009	UNITY, LOSEP, OEP-DGN-FS-DG03, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
224	83.6	0.0	2.215E-009	UNITY, LOSEP, OEP-DGN-FS-DG01, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
225	83.7	0.0	2.181E-009	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
226	83.7	0.0	2.170E-009	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A, R-A3W1D6-XHE-C
227	83.8	0.0	2.170E-009	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
228	83.8	0.0	2.170E-009	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
229	83.8	0.0	2.170E-009	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
230	83.9	0.0	2.170E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
231	83.9	0.0	2.169E-009	UNITY, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-C-9
232	84.0	0.0	2.159E-009	UNITY, REFUEL, LOSEP, OEP-DGN-FR-DG01, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
233	84.0	0.0	2.155E-009	UNITY, LOSEP, OEP-DGN-FC-DG3U2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
234	84.1	0.0	2.151E-009	UNITY, REFUEL, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
235	84.1	0.0	2.151E-009	UNITY, REFUEL, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
236	84.2	0.0	2.140E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FREQ-RHR5, FRAC-POS10, DURATION-R10, D-R5W4-XHE
237	84.2	0.0	2.119E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-4KV, D-4KW4-XHE
238	84.2	0.0	2.109E-009	UNITY, LOOPISOLATED2R6, HPI-CKV-FT-CV25, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
239	84.3	0.0	2.109E-009	UNITY, LOOPISOLATED2R6, HPI-CKV-FT-CV410, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
240	84.3	0.0	2.085E-009	UNITY, PROB-RHR2A, CCW-LF-RHE2A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
241	84.4	0.0	2.058E-009	UNITY, REFUEL, LOSEP, OEP-DGN-FS-DG03, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
242	84.4	0.0	2.046E-009	UNITY, CON-VFC-RP-COREM, ISR-MDP-FS-RS1A, FREQ-CCW, OSR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
243	84.5	0.0	2.042E-009	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-B2, NRAC455, R-B2W4-2
244	84.5	0.0	2.016E-009	UNITY, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-RAW1-XHE-R-4, PROB-W1R6A, LPR-CCF-PG-SUMP1
245	84.5	0.0	2.016E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A, R-C1W1D6A-XHE-R
246	84.6	0.0	2.012E-009	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
247	84.6	0.0	2.006E-009	UNITY, CPC-MDP-FS-SW20A, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455
248	84.7	0.0	1.993E-009	UNITY, REFUEL, CCW-LF-RHE2A, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, /PROB-1HFAILEDL3
249	84.7	0.0	1.984E-009	UNITY, LOSEP, OEP-CCF-FS-DG13, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
250	84.7	0.0	1.984E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4, D-R4W2-XHE
251	84.8	0.0	1.978E-009	UNITY, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12, R-W1D6-XHE-C-A3
252	84.8	0.0	1.956E-009	UNITY, CPC-MDP-FS-SW20A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B1, NRAC262, R-B1W2-23-AC
253	84.9	0.0	1.952E-009	UNITY, ACP-BAC-ST-4KV1J, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV
254	84.9	0.0	1.952E-009	UNITY, DCP-BDC-ST-BUS1B, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV
255	84.9	0.0	1.934E-009	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
256	85.0	0.0	1.914E-009	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-SR, D-SRW4-XHE
257	85.0	0.0	1.880E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455, A-B1W4-XHE-CW-8

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
258	35.1	0.0	1.877E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L3, NRAC200, D-L3W1-XHE
259	85.1	0.0	1.876E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, /PROB-1HFAILEDL3, A-L3W4-XHE-CW-5
260	85.1	0.0	1.859E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BAT-LP-BAT1B, REFUEL, PROB-RHR2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, /PZR-SV-REMOVEDW2, PROB-W2R6A
261	85.2	0.0	1.852E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
262	85.2	0.0	1.850E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPR-MCV-FT-1890B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
263	85.3	0.0	1.850E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPI-MDP-FS-SI1B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
264	85.3	0.0	1.810E-009	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
265	85.3	0.0	1.810E-009	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
266	85.4	0.0	1.808E-009	UNITY, PROB-RHR2A, RHR-ASF-PG-1605, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
267	85.4	0.0	1.764E-009	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B1, NRAC346, A-B1W3-XHE-2CH-8, R-B1W3-23-A
268	85.4	0.0	1.738E-009	UNITY, FREQ-CCW, H-CCW-REC-W2, PROB-W2D6, D-CCW2-XHE, DR-MT, DURATION-D6
269	85.5	0.0	1.735E-009	UNITY, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW2, D-RAW2-XHE, PROB-W2R6A
270	85.5	0.0	1.708E-009	UNITY, RHR-CCF-FS-MDPAB, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
271	85.5	0.0	1.707E-009	UNITY, LOSEP, OEP-CCF-FS-DG13, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
272	85.6	0.0	1.703E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
273	85.6	0.0	1.701E-009	UNITY, ACP-BAC-ST-4KV1J, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
274	85.6	0.0	1.701E-009	UNITY, DCP-BDC-ST-BUS1B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
275	85.7	0.0	1.689E-009	UNITY, DCP-BAT-LP-BAT1B, FREQ-RHR3, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
276	85.7	0.0	1.689E-009	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
277	85.8	0.0	1.689E-009	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
278	85.8	0.0	1.682E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, R-A7W2R6-XHE-C
279	85.8	0.0	1.678E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
280	85.9	0.0	1.663E-009	UNITY, REFUEL, FREQ-CCW, DURATION-R6, SGC-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
281	85.9	0.0	1.663E-009	UNITY, REFUEL, FREQ-CCW, DURATION-R6, SGA-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
282	85.9	0.0	1.663E-009	UNITY, REFUEL, FREQ-CCW, DURATION-R6, SGB-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
283	86.0	0.0	1.659E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW3, PROB-W3R6, D-R3W3-XHE
284	86.0	0.0	1.638E-009	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
285	86.0	0.0	1.620E-009	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
286	86.1	0.0	1.611E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CKV-FT-CV50, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
287	86.1	0.0	1.611E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CKV-FT-CV46B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
288	86.1	0.0	1.605E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, R-B1W2-123-C-A
289	86.2	0.0	1.595E-009	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, R-A8W1R6-XHE-C
290	86.2	0.0	1.586E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW2, PROB-W2R6, A-R3W2-XHE-X, LPR-CCF-PG-SUMP2
291	86.2	0.0	1.578E-009	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, D-L3W3-XHE
292	86.3	0.0	1.572E-009	UNITY, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, D-RAW4-XHE, PROB-W4R10A
293	86.3	0.0	1.564E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, D-L2W2-XHE, /NRAC262
294	86.3	0.0	1.564E-009	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
295	86.3	0.0	1.529E-009	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-L1, NRAC455, D-L1W4-XHE
296	86.4	0.0	1.507E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-B2, NRAC455
297	86.4	0.0	1.502E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, PPS-MOV-FT-1536, DURATION-R6, FREQ-RHR3, PORV-PATH-CLSD, /PZR-SV-REMOVEDW2, PROB-W2R6
298	86.4	0.0	1.499E-009	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-E1
299	86.5	0.0	1.493E-009	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
300	86.5	0.0	1.489E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-RHR5, D-R5W3-XHE
301	86.5	0.0	1.484E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-SR, D-SRW3-XHE
302	86.6	0.0	1.475E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-4KV, D-4KW3-XHE
303	86.6	0.0	1.464E-009	UNITY, LPR-CKV-FT-CV47, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
304	86.6	0.0	1.464E-009	UNITY, LPI-CKV-FT-CV50, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
305	86.7	0.0	1.457E-009	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
306	86.7	0.0	1.457E-009	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
307	86.7	0.0	1.450E-009	UNITY, ACP-BAC-ST-4801J, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
308	86.7	0.0	1.450E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BDC-ST-BUS1B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
309	86.8	0.0	1.449E-009	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L1, D-L1W4-XHE, /NRAC455
310	86.8	0.0	1.447E-009	UNITY, REFUEL, LOSP, OEP-DGN-FC-DG3U2, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
311	86.8	0.0	1.419E-009	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-RHR4, D-R4W3-XHE
312	86.9	0.0	1.417E-009	UNITY, LOSP, OEP-CRB-FT-15H3, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6
313	86.9	0.0	1.411E-009	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
314	86.9	0.0	1.396E-009	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-L2, D-L2W4-XHE, /NRAC455
315	86.9	0.0	1.395E-009	UNITY, LOSP, OEP-DGN-FS-DG03, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
316	87.0	0.0	1.395E-009	UNITY, LOSP, OEP-DGN-FS-DG01, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
317	87.0	0.0	1.387E-009	UNITY, LPR-MOV-FT-1862B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A1
318	87.0	0.0	1.387E-009	UNITY, DCP-BDC-ST-BUS1B, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
319	87.1	0.0	1.387E-009	UNITY, ACP-BAC-ST-4KV1J, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
320	87.1	0.0	1.366E-009	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3, R-W1D6-XHE-C-A3
321	87.1	0.0	1.366E-009	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
322	87.1	0.0	1.366E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
323	87.2	0.0	1.366E-009	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
324	87.2	0.0	1.366E-009	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
325	87.2	0.0	1.365E-009	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
326	87.3	0.0	1.357E-009	UNITY, LOOPISOLATED2R6, HPI-CKV-FT-CV25, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
327	87.3	0.0	1.357E-009	UNITY, LOOPISOLATED2R6, HPI-CKV-FT-CV410, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
328	87.3	0.0	1.352E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-S2-17
329	87.3	0.0	1.327E-009	UNITY, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
330	87.4	0.0	1.327E-009	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-S2-17
331	87.4	0.0	1.318E-009	UNITY, DCP-BDC-ST-BUS1B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
332	87.4	0.0	1.318E-009	UNITY, ACP-BAC-ST-4801J, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
333	87.4	0.0	1.318E-009	UNITY, ACP-BAC-ST-4KV1H, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
334	87.5	0.0	1.318E-009	UNITY, ACP-BAC-ST-1J1-2, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
335	87.5	0.0	1.318E-009	UNITY, ACP-BAC-ST-4KV1J, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
336	87.5	0.0	1.318E-009	UNITY, ACP-BAC-ST-1J1, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
337	87.6	0.0	1.313E-009	UNITY, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
338	87.6	0.0	1.304E-009	UNITY, ACP-INV-NO-UPSB1, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
339	87.6	0.0	1.299E-009	UNITY, LOSEP, OEP-DGN-FS-DG01, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6, R-LOSEP-DG01
340	87.6	0.0	1.295E-009	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, D-VBW4-XHE, FREQ-VB
341	87.7	0.0	1.293E-009	UNITY, DCP-BAT-LP-BAT1B, PROB-RHR2A, CCW-LF-RHE2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
342	87.7	0.0	1.269E-009	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
343	87.7	0.0	1.267E-009	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
344	87.7	0.0	1.265E-009	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6, A-R3W2-XHE-X, LPR-CCF-PG-SUMP2
345	87.8	0.0	1.256E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W2D6A
346	87.8	0.0	1.256E-009	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPR-MOV-FT-1890B, PROB-RHR2A, DR-MT, PROB-W2D6A
347	87.8	0.0	1.256E-009	UNITY, MSS-AOV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
348	87.8	0.0	1.256E-009	UNITY, MSS-AOV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
349	87.9	0.0	1.255E-009	UNITY, SGB-DRAINED-R, FREQ-RHR3, PROB-W2D6, A-R3W2-XHE-X, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
350	87.9	0.0	1.255E-009	UNITY, SGA-DRAINED-R, FREQ-RHR3, PROB-W2D6, A-R3W2-XHE-X, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
351	87.9	0.0	1.242E-009	UNITY, DCP-BAT-LP-BAT1B, FREQ-CCW, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
352	87.9	0.0	1.238E-009	UNITY, LOSEP, OEP-CCF-FS-DG13, PROB-RHR2A, DR-MT, PROB-W2D6A
353	88.0	0.0	1.238E-009	UNITY, LOSEP, OEP-CCF-FS-DG12, PROB-RHR2A, DR-MT, PROB-W2D6A
354	88.0	0.0	1.233E-009	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, D-L3W4-XHE, /NRAC455
355	88.0	0.0	1.231E-009	UNITY, REFUEL, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, D-RBW4-XHE
356	88.0	0.0	1.222E-009	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
357	88.1	0.0	1.222E-009	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
358	88.1	0.0	1.222E-009	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, HPI-MOV-FT-1115C, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
359	88.1	0.0	1.222E-009	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
360	88.1	0.0	1.222E-009	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, HPI-MOV-FT-1115B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
361	88.2	0.0	1.210E-009	UNITY, MSS-AOV-FC-101A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4
362	88.2	0.0	1.210E-009	UNITY, MSS-AOV-FC-101B, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4
363	88.2	0.0	1.209E-009	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-S1-8
364	88.2	0.0	1.204E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, D-L2W1-XHE, /NRAC200

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
365	88.3	0.0	1.195E-009	UNITY, LPI-MDP-FS-SI1B, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
366	88.3	0.0	1.195E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
367	88.3	0.0	1.195E-009	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
368	88.3	0.0	1.190E-009	UNITY, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW3, D-RAW3-XHE, PROB-W3R6A
369	88.4	0.0	1.188E-009	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-AIR, D-ARW2-XHE, PRNR-ARW2
370	88.4	0.0	1.173E-009	UNITY, REFUEL, FREQ-CCW, LPR-MOV-FT-1862B, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, R-W1R6-XHE-C-A11
371	88.4	0.0	1.172E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-RHR5, D-R5W1-XHE
372	88.4	0.0	1.161E-009	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1, /NRAC262
373	88.5	0.0	1.161E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-4KV, D-4KW1-XHE
374	88.5	0.0	1.154E-009	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-B2, NRAC346
375	88.5	0.0	1.152E-009	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
376	88.5	0.0	1.149E-009	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
377	88.6	0.0	1.139E-009	UNITY, RHR-ASF-PG-1605, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
378	88.6	0.0	1.136E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, NRAC200, A-L1W1-XHE-R-4, A-L1W1-XHE-C-17
379	88.6	0.0	1.135E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-AIR, D-ARW1-XHE, PRNR-ARW1
380	88.6	0.0	1.133E-009	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
381	88.7	0.0	1.133E-009	UNITY, ACP-BAC-ST-1H1-1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
382	88.7	0.0	1.133E-009	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
383	88.7	0.0	1.129E-009	UNITY, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-18, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
384	88.7	0.0	1.126E-009	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, PPS-MOV-FT-1536, DURATION-R6, PORV-PATH-CLSD, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
385	88.7	0.0	1.126E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-B1, NRAC200, A-B1W1-XHE-CW-8
386	88.8	0.0	1.120E-009	UNITY, HPR-MDP-FR-A18HR, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
387	88.8	0.0	1.115E-009	UNITY, CCW-LF-RHE2B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, R-W1D6-XHE-C-A3
388	88.8	0.0	1.114E-009	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
389	88.8	0.0	1.112E-009	UNITY, LPI-CCF-FS-SI1AB, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
390	88.9	0.0	1.104E-009	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
391	88.9	0.0	1.096E-009	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
392	88.9	0.0	1.080E-009	UNITY, CPC-MDP-FS-SW20A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, R-B1W2-23-AC
393	88.9	0.0	1.077E-009	UNITY, FREQ-CCW, LPR-CKV-FT-CV47, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
394	89.0	0.0	1.077E-009	UNITY, LPI-CKV-FT-CV50, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
395	89.0	0.0	1.073E-009	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, D-VBW1-XHE, FREQ-VB

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
396	89.0	0.0	1.061E-009	UNITY, DCP-BAT-LP-BAT1A, LOSP, PROB-RHR2A, DR-MT, PROB-W2D6A
397	89.0	0.0	1.055E-009	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-L2, NRAC262, 2EH1L2, A-L2W2-XHE-R-4
398	89.0	0.0	1.055E-009	UNITY, LPI-MDP-FS-SI1B, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
399	89.1	0.0	1.051E-009	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
400	89.1	0.0	1.035E-009	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, A-SIW2-XHE-FL-19, H-SI-REC-W2, FREQ-SI
401	89.1	0.0	1.013E-009	UNITY, REFUEL, RWT-TNK-LF-RWST, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
402	89.1	0.0	1.009E-009	UNITY, ACP-BAC-ST-4KV1J, PROB-RHR2A, CCW-LF-RHE2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
403	89.1	0.0	1.009E-009	UNITY, ACP-BAC-ST-4KV1H, PROB-RHR2A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
404	89.2	0.0	1.009E-009	UNITY, DCP-BDC-ST-BUS1B, PROB-RHR2A, CCW-LF-RHE2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
405	89.2	0.0	1.007E-009	UNITY, LOSP, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
406	89.2	0.0	1.003E-009	UNITY, HPI-MDP-FS-CH2C, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455
407	89.2	0.0	1.000E-009	UNITY, HPI-CKV-FT-CV410, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
408	89.2	0.0	1.000E-009	UNITY, HPI-CKV-FT-CV25, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
409	89.3	0.0	9.929E-010	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
410	89.3	0.0	9.912E-010	UNITY, LOOPISOLATED2R6, CPC-CCF-LF-STRAB, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
411	89.3	0.0	9.912E-010	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CPC-CCF-LF-STR1, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
412	89.3	0.0	9.863E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5, D-R5W2-XHE
413	89.3	0.0	9.835E-010	UNITY, ACP-INV-NO-UPSB1, ACP-TFM-NO-1J1, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
414	89.4	0.0	9.824E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SR, D-SRW2-XHE
415	89.4	0.0	9.782E-010	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-SI
416	89.4	0.0	9.782E-010	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-SI
417	89.4	0.0	9.778E-010	UNITY, HPI-MDP-FS-CH2C, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B1, NRAC262, R-B1W2-23-AC
418	89.4	0.0	9.774E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-L2, NRAC262, PROB-1HFAILEDL2
419	89.5	0.0	9.770E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV, D-4KW2-XHE
420	89.5	0.0	9.759E-010	UNITY, REFUEL, LPI-CCF-FS-SI1AB, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
421	89.5	0.0	9.744E-010	UNITY, CCW-MDP-FR-CCP1B, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
422	89.5	0.0	9.744E-010	UNITY, DCP-BAT-LP-BAT1A, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
423	89.5	0.0	9.744E-010	UNITY, RHR-MDP-FR-B24HR, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
424	89.6	0.0	9.692E-010	UNITY, ACP-BAC-ST-4KV1J, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
425	89.6	0.0	9.692E-010	UNITY, DCP-BDC-ST-BUS1B, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
426	89.6	0.0	9.692E-010	UNITY, ACP-BAC-ST-1J1, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
427	89.6	0.0	9.692E-010	UNITY, ACP-BAC-ST-1J1-2, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
428	89.6	0.0	9.692E-010	UNITY, ACP-BAC-ST-4KV1H, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
429	89.7	0.0	9.692E-010	UNITY, ACP-BAC-ST-4801J, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
430	89.7	0.0	9.597E-010	UNITY, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, D-CCW2-XHE
431	89.7	0.0	9.563E-010	UNITY, RHR-MDP-FR-B24HR, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
432	89.7	0.0	9.464E-010	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC455, D-L2W4-XHE
433	89.7	0.0	9.460E-010	UNITY, CCW-MDP-FS-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
434	89.8	0.0	9.460E-010	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-R-12, R-W2D6-XHE-C-A9
435	89.8	0.0	9.460E-010	UNITY, LOOPISOLATED2R6, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
436	89.8	0.0	9.449E-010	UNITY, LOSEP, OEP-CCF-FS-DG123, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
437	89.8	0.0	9.449E-010	UNITY, LOSEP, OEP-DGN-FR-DG01, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6
438	89.8	0.0	9.362E-010	UNITY, REFUEL, LOSEP, OEP-DGN-FS-DG03, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
439	89.9	0.0	9.355E-010	UNITY, REFUEL, LOSEP, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
440	89.9	0.0	9.354E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A, R-C1W1D6A-XHE-R
441	89.9	0.0	9.337E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-B1, NRAC346, D-B1W3-XHE
442	89.9	0.0	9.321E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
443	89.9	0.0	9.210E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW3, PROB-W3R6, A-R3W3-XHE-FL-3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
444	90.0	0.0	9.201E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
445	90.0	0.0	9.201E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
446	90.0	0.0	9.201E-010	UNITY, REFUEL, LPR-MOV-FT-1860B, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, R-A8W1R6-XHE-C
447	90.0	0.0	9.171E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-SI, A-SIW1-XHE-R-3
448	90.0	0.0	9.170E-010	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FREQ-RHR5, FRAC-POS10, DURATION-R10, D-R5W4-XHE
449	90.1	0.0	9.121E-010	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
450	90.1	0.0	9.108E-010	UNITY, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, A-R5W1-XHE-R-4, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
451	90.1	0.0	9.083E-010	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-4KV, D-4KW4-XHE
452	90.1	0.0	9.070E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
453	90.1	0.0	9.070E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG12, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
454	90.1	0.0	9.056E-010	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B1, NRAC346, A-B1W3-XHE-CW-8, R-B1W3-23-A
455	90.2	0.0	9.040E-010	UNITY, CON-VFC-RP-COREM, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A, R-A3W1D6-XHE-C
456	90.2	0.0	9.022E-010	UNITY, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV, A-4KW1-XHE-R-3, R-W1D6-XHE-C-A3
457	90.2	0.0	9.013E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, A-R3W2-XHE-FL-9, /PZR-SV-REMOVEDW2, PROB-W2R6
458	90.2	0.0	9.002E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
459	90.2	0.0	9.002E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
460	90.3	0.0	9.002E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
461	90.3	0.0	9.002E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
462	90.3	0.0	8.989E-010	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
463	90.3	0.0	8.963E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
464	90.3	0.0	8.963E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
465	90.3	0.0	8.892E-010	UNITY, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-S1-8
466	90.4	0.0	8.821E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, D-VBW3-XHE, FREQ-VB
467	90.4	0.0	8.731E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
468	90.4	0.0	8.663E-010	UNITY, HPI-MDP-FR-1A6HR, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
469	90.4	0.0	8.663E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3
470	90.4	0.0	8.652E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CCF-FS-SI1AB, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
471	90.5	0.0	8.626E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BAT-LP-BAT1B, REFUEL, PROB-RHR2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PZR-SV-REMOVEDW3, PROB-W3R6A
472	90.5	0.0	8.601E-010	UNITY, REFUEL, LPR-MOV-FT-1890B, CCW-LF-RHE2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
473	90.5	0.0	8.601E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, CCW-LF-RHE2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
474	90.5	0.0	8.596E-010	UNITY, CPC-MDP-FS-SW20A, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455
475	90.5	0.0	8.513E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, /NRAC262
476	90.5	0.0	8.471E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L2, D-L2W3-XHE, /NRAC346
477	90.6	0.0	8.461E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, D-B1W2-XHE
478	90.6	0.0	8.436E-010	UNITY, LOOPISOLATED2R6, REFUEL, HPI-XVM-PG-XV24, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
479	90.6	0.0	8.358E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, SGB-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
480	90.6	0.0	8.358E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, SGA-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
481	90.6	0.0	8.358E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, SGC-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
482	90.6	0.0	8.306E-010	UNITY, FREQ-CCW, H-CCW-REC-W3, PROB-W3D6, D-CCW3-XHE, DR-MT, DURATION-D6
483	90.7	0.0	8.287E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR3, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
484	90.7	0.0	8.258E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, 2EH1L2
485	90.7	0.0	8.238E-010	UNITY, HPR-MDP-FR-A18HR, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
486	90.7	0.0	8.230E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-S2-17

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
487	90.7	0.0	8.176E-010	UNITY, CCW-MDP-FS-CCP1B, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
488	90.7	0.0	8.176E-010	UNITY, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
489	90.8	0.0	8.159E-010	UNITY, REFUEL, SGS-DRAINED-R, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
490	90.8	0.0	8.157E-010	UNITY, LOSP, OEP-CRB-FT-15H3, FREQ-RHR2B, PROB-W2D6, DR-MT, DURATION-D6
491	90.8	0.0	8.144E-010	UNITY, DCP-BAT-LP-BAT1B, CCW-LF-RHE2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
492	90.8	0.0	8.136E-010	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, RHR-CCF-FS-MDPAB, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
493	90.8	0.0	8.130E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L1, NRAC346, D-L1W3-XHE
494	90.8	0.0	8.127E-010	UNITY, LOSP, OEP-CCF-FS-DG123, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
495	90.9	0.0	8.059E-010	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455, A-B1W4-XHE-CW-5
496	90.9	0.0	8.053E-010	UNITY, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
497	90.9	0.0	8.038E-010	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, /PROB-1HFAILEDL3, A-L3W4-XHE-CW-5
498	90.9	0.0	8.034E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-B1, NRAC346, A-B1W3-XHE-2CH-8
499	90.9	0.0	8.025E-010	UNITY, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
500	90.9	0.0	8.005E-010	UNITY, LPR-MOV-FT-1860B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A2
501	91.0	0.0	7.967E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV, A-4KW3-XHE-FL-10

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
502	91.0	0.0	7.927E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPR-MOV-FT-1890B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
503	91.0	0.0	7.927E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPI-MDP-FS-SI1B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
504	91.0	0.0	7.919E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2
505	91.0	0.0	7.895E-010	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, /NRAC262
506	91.0	0.0	7.855E-010	UNITY, LOOPISOLATED2R6, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
507	91.1	0.0	7.855E-010	UNITY, LOOPISOLATED2R6, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
508	91.1	0.0	7.850E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, /PROB-1HFAILEDL3
509	91.1	0.0	7.837E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-SI
510	91.1	0.0	7.826E-010	UNITY, REFUEL, LOSEP, OEP-CRB-FT-15H3, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
511	91.1	0.0	7.734E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, A-R3W4-XHE-FL-7, CPC-MDP-MA0SW10B
512	91.1	0.0	7.710E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, FREQ-B2, /NRAC200
513	91.2	0.0	7.696E-010	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
514	91.2	0.0	7.573E-010	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, ISR-MDP-FS-RS1A, DURATION-R6, OSR-TRA-MA, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
515	91.2	0.0	7.561E-010	UNITY, REFUEL, PROB-RHR2A, RHR-CCF-FS-MDPAB, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
516	91.2	0.0	7.522E-010	UNITY, CPC-MDP-FS-2CC2A, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455
517	91.2	0.0	7.506E-010	UNITY, ACP-INV-NO-UPSA2, SGA-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-A9
518	91.2	0.0	7.506E-010	UNITY, ACP-INV-NO-UPSA2, SGB-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-A9
519	91.2	0.0	7.477E-010	UNITY, LOSP, OEP-DGN-FS-DG01, FREQ-RHR2B, PROB-W2D6, DR-MT, DURATION-D6, R-LOSP-DG01
520	91.3	0.0	7.477E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CKV-FT-CV46B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
521	91.3	0.0	7.477E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CKV-FT-CV50, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
522	91.3	0.0	7.372E-010	UNITY, REFUEL, MSS-AOV-FC-101A, DURATION-R6, MSS-NRV-MA-101A, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
523	91.3	0.0	7.372E-010	UNITY, REFUEL, MSS-AOV-FC-101C, DURATION-R6, MSS-NRV-MA-101C, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
524	91.3	0.0	7.372E-010	UNITY, REFUEL, MSS-AOV-FC-101B, DURATION-R6, MSS-NRV-MA-101B, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
525	91.3	0.0	7.333E-010	UNITY, CPC-MDP-FS-2CC2A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B1, NRAC262, R-B1W2-23-AC
526	91.4	0.0	7.302E-010	UNITY, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
527	91.4	0.0	7.299E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L2, NRAC455, /PROB-1HFAILED12, 2EH1L2
528	91.4	0.0	7.290E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
529	91.4	0.0	7.280E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, A-B1W2-XHE-2CH-4

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
530	91.4	0.0	7.256E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
531	91.4	0.0	7.253E-010	UNITY, PROB-W4D6, DR-MT, DURATION-D6, D-VBW4-XHE, FREQ-VB
532	91.4	0.0	7.247E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, NRAC346, D-L3W3-XHE
533	91.5	0.0	7.242E-010	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W1-XHE-R-4, R-A3W1D6-XHE-C, /NRAC200
534	91.5	0.0	7.232E-010	UNITY, PROB-RHR2A, DR-MT, A-RAW1-XHE-C-9, A-RAW1-XHE-R-4, PROB-W1D6A, R-A3W1D6-XHE-C
535	91.5	0.0	7.174E-010	UNITY, REFUEL, LOSEP, OEP-DGN-FS-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5, R-LOSEP-DG01
536	91.5	0.0	7.164E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B, R-C2W2D6A-XHE-R
537	91.5	0.0	7.134E-010	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
538	91.5	0.0	7.081E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-RHR4, LPR-CCF-PG-SUMP1
539	91.5	0.0	6.991E-010	UNITY, ACP-CRB-CO-15J7, ACP-INV-NO-UPSB1, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
540	91.6	0.0	6.991E-010	UNITY, ACP-CRB-CO-14J11, ACP-INV-NO-UPSB1, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
541	91.6	0.0	6.991E-010	UNITY, ACP-CRB-CO-14J14, ACP-INV-NO-UPSB1, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
542	91.6	0.0	6.960E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, R-W2D6-XHE-C-A9
543	91.6	0.0	6.942E-010	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
544	91.6	0.0	6.942E-010	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
545	91.6	0.0	6.915E-010	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, R-W1D6-XHE-C-A3
546	91.6	0.0	6.834E-010	UNITY, HPI-MDP-FR-1A6HR, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
547	91.7	0.0	6.821E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
548	91.7	0.0	6.782E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, SGB-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
549	91.7	0.0	6.782E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, SGA-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
550	91.7	0.0	6.782E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, SGC-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
551	91.7	0.0	6.782E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV, A-4KW4-XHE-FL-13
552	91.7	0.0	6.767E-010	UNITY, REFUEL, FREQ-CCW, LPR-MOV-FT-1860B, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, R-W1R6-XHE-C-A11
553	91.7	0.0	6.729E-010	UNITY, ACP-BAC-ST-4801J, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
554	91.8	0.0	6.729E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BDC-ST-BUS1B, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
555	91.8	0.0	6.688E-010	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, FIRE-PUMP, SOLAIR-COMP, A-L3W2-XHE-CW-4
556	91.8	0.0	6.629E-010	UNITY, PROB-RHR2A, DR-MT, A-RAW1-XHE-M-12, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
557	91.8	0.0	6.593E-010	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, 2EH1L2, A-L2W2-XHE-R-4
558	91.8	0.0	6.593E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, A-L3W1-XHE-CW-4

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
559	91.8	0.0	6.589E-010	UNITY, LPI-MDP-FR-B24HR, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
560	91.8	0.0	6.574E-010	UNITY, ACP-TFM-NO-1J, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
561	91.9	0.0	6.563E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
562	91.9	0.0	6.559E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-AIR, D-ARW2-XHE, PRNR-ARW2
563	91.9	0.0	6.498E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG123, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
564	91.9	0.0	6.483E-010	UNITY, ACP-CRB-CO-14H15, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
565	91.9	0.0	6.483E-010	UNITY, ACP-CRB-CO-15H7, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
566	91.9	0.0	6.479E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-FS-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
567	91.9	0.0	6.452E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A
568	91.9	0.0	6.452E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A
569	92.0	0.0	6.445E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MOV-PG-1862B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
570	92.0	0.0	6.420E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-S2-17
571	92.0	0.0	6.420E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-S2-17
572	92.0	0.0	6.411E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, /NRAC262

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
573	92.0	0.0	6.380E-010	UNITY, LOOPISOLATED2R6, CPC-CCF-LF-STRAB, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
574	92.0	0.0	6.380E-010	UNITY, LOOPISOLATED2R6, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, CPC-CCF-LF-STR1, /PZR-SV-REMOVEDW2, PROB-W2R6A
575	92.0	0.0	6.353E-010	UNITY, ACP-BAC-ST-4KV1H, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
576	92.1	0.0	6.353E-010	UNITY, DCP-BDC-ST-BUS1B, CCW-LF-RHE2A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
577	92.1	0.0	6.353E-010	UNITY, ACP-BAC-ST-4KV1J, CCW-LF-RHE2A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
578	92.1	0.0	6.341E-010	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A1
579	92.1	0.0	6.339E-010	UNITY, LOSEP, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
580	92.1	0.0	6.327E-010	UNITY, LOOPISOLATED2R6, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, A-R3W2-XHE-X
581	92.1	0.0	6.307E-010	UNITY, CCW-MDP-MA-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
582	92.1	0.0	6.299E-010	UNITY, HPI-CKV-FT-CV25, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
583	92.1	0.0	6.299E-010	UNITY, HPI-CKV-FT-CV410, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
584	92.2	0.0	6.255E-010	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, CCW-LF-RHE2A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
585	92.2	0.0	6.219E-010	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
586	92.2	0.0	6.214E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, PPS-MOV-FT-1536, DURATION-R6, H-CCW-REC-W2, PORV-PATH-CLSD, /PZR-SV-REMOVEDW2, PROB-W2R6

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
587	92.2	0.0	6.210E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L1, D-L1W4-XHE, /NRAC455
588	92.2	0.0	6.193E-010	UNITY, ACP-INV-NO-UPSB1, ACP-TFM-NO-1J1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
589	92.2	0.0	6.178E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-S2-17, A-4KW1-XHE-R-12
590	92.2	0.0	6.090E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SR, D-SRW1-XHE
591	92.2	0.0	6.090E-010	UNITY, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
592	92.3	0.0	6.066E-010	UNITY, REFUEL, CCW-LF-RHE2A, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
593	92.3	0.0	6.065E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, D-L2W3-XHE
594	92.3	0.0	6.063E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, A-SIW1-XHE-S2-17
595	92.3	0.0	6.049E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-RAW1-XHE-R-4, PROB-W1R6A
596	92.3	0.0	6.049E-010	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
597	92.3	0.0	6.049E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
598	92.3	0.0	6.049E-010	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
599	92.3	0.0	6.049E-010	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
600	92.4	0.0	6.000E-010	UNITY, REFUEL, SGS-DRAINED-R, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
601	92.4	0.0	5.994E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
602	92.4	0.0	5.974E-010	UNITY, ACP-TFM-NO-1J, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
603	92.4	0.0	5.974E-010	UNITY, ACP-TFM-NO-1J1, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
604	92.4	0.0	5.959E-010	UNITY, HPI-CCF-FT-115BD, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
605	92.4	0.0	5.955E-010	UNITY, RHR-XVM-PG-XV2, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
606	92.4	0.0	5.955E-010	UNITY, RHR-XVM-PG-XV6, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
607	92.4	0.0	5.945E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
608	92.5	0.0	5.945E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
609	92.5	0.0	5.933E-010	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12, R-W1D6-XHE-C-A3
610	92.5	0.0	5.897E-010	UNITY, LOSP, OEP-CCF-FS-DG123, PROB-RHR2A, DR-MT, PROB-W2D6A
611	92.5	0.0	5.881E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-XVM-PG-XV48, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
612	92.5	0.0	5.873E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2, A-L2W3-XHE-R-4
613	92.5	0.0	5.848E-010	UNITY, REFUEL, LOSP, OEP-CCF-FS-DG13, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
614	92.5	0.0	5.844E-010	UNITY, RHR-XVM-PG-XV2, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
615	92.5	0.0	5.844E-010	UNITY, RHR-XVM-PG-XV6, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
616	92.6	0.0	5.841E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, D-VBW2-XHE, FREQ-VB

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
617	92.6	0.0	5.826E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, AFW-MOV-MA-151A, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
618	92.6	0.0	5.819E-010	UNITY, REFUEL, DURATION-R6, RWT-TNK-LF-RWST, FREQ-RHR3, PZR-SV-REMOVEDW3, PROB-W3R6
619	92.6	0.0	5.813E-010	UNITY, REFUEL, PROB-RHR2A, CCW-LF-RHE2A, CCW-LF-RHE2B, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
620	92.6	0.0	5.811E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W3D6A
621	92.6	0.0	5.811E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPR-MOV-FT-1890B, PROB-RHR2A, DR-MT, PROB-W3D6A
622	92.6	0.0	5.775E-010	UNITY, SGA-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
623	92.6	0.0	5.775E-010	UNITY, SGB-DRAINED-R, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
624	92.6	0.0	5.744E-010	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
625	92.7	0.0	5.728E-010	UNITY, LOSP, OEP-CCF-FS-DG13, PROB-RHR2A, DR-MT, PROB-W3D6A
626	92.7	0.0	5.727E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CKV-FT-CV46B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
627	92.7	0.0	5.727E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CKV-FT-CV50, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
628	92.7	0.0	5.694E-010	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, RWT-TNK-LF-RWST, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
629	92.7	0.0	5.693E-010	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3, R-W1D6-XHE-C-A3
630	92.7	0.0	5.671E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
631	92.7	0.0	5.671E-010	UNITY, RHR-MDP-FS-RHR1B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
632	92.7	0.0	5.669E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
633	92.8	0.0	5.669E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
634	92.8	0.0	5.669E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
635	92.8	0.0	5.669E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
636	92.8	0.0	5.666E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, D-L2W1-XHE
637	92.8	0.0	5.665E-010	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, PROB-1HFAILEDL3, A-L3W1-XHE-CW-4
638	92.8	0.0	5.641E-010	UNITY, PROB-RHR2A, RHR-SRV-CO-1721, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
639	92.8	0.0	5.623E-010	UNITY, PROB-RHR2A, CCW-SO-RV118, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
640	92.8	0.0	5.623E-010	UNITY, PROB-RHR2A, CCW-SO-RV121, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
641	92.8	0.0	5.609E-010	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
642	92.9	0.0	5.603E-010	UNITY, CON-VFC-RP-COREM, REFUEL, ISR-MDP-FS-RS1A, DURATION-R6, OSR-TRA-MA, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
643	92.9	0.0	5.560E-010	UNITY, PROB-RHR2A, DR-MT, D-RAW4-XHE, PROB-W4D6A
644	92.9	0.0	5.557E-010	UNITY, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, CCW-LF-RHE2B, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
645	92.9	0.0	5.557E-010	UNITY, REFUEL, LPI-MDP-FS-S11B, DURATION-R6, CCW-LF-RHE2B, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
646	92.9	0.0	5.549E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-B2, NRAC346, R-B2W3-1-G
647	92.9	0.0	5.541E-010	UNITY, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
648	92.9	0.0	5.499E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
649	92.9	0.0	5.496E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, D-L2W2-XHE
650	92.9	0.0	5.490E-010	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19, A-4KW2-XHE-R-12
651	93.0	0.0	5.490E-010	UNITY, CCW-MDP-FS-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
652	93.0	0.0	5.490E-010	UNITY, LOOPISOLATED2R6, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
653	93.0	0.0	5.451E-010	UNITY, CCW-MDP-MA-CCP1B, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
654	93.0	0.0	5.440E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
655	93.0	0.0	5.438E-010	UNITY, LOSEP, OEP-DGN-FR-DG01, FREQ-RHR2B, PROB-W2D6, DR-MT, DURATION-D6
656	93.0	0.0	5.430E-010	UNITY, LOOPISOLATED2R6, REFUEL, HPI-XVM-PG-XV24, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
657	93.0	0.0	5.424E-010	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, RHR-ASF-PG-1605, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
658	93.0	0.0	5.424E-010	UNITY, ACP-BAC-ST-VB1II, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
659	93.0	0.0	5.424E-010	UNITY, ACP-BAC-ST-V1III, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
660	93.1	0.0	5.422E-010	UNITY, REFUEL, FREQ-CCW, MSS-AOV-FC-101A, DURATION-R6, MSS-NRV-MA-101A, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
661	93.1	0.0	5.422E-010	UNITY, REFUEL, FREQ-CCW, MSS-AOV-FC-101C, DURATION-R6, MSS-NRV-MA-101C, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
662	93.1	0.0	5.422E-010	UNITY, REFUEL, FREQ-CCW, MSS-AOV-FC-101B, DURATION-R6, MSS-NRV-MA-101B, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
663	93.1	0.0	5.399E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1, /NRAC262
664	93.1	0.0	5.398E-010	UNITY, HPI-MDP-FS-CH2C, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, R-B1W2-23-AC
665	93.1	0.0	5.394E-010	UNITY, ACP-BAC-ST-4KV1J, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, R-W1D6-XHE-C-A3
666	93.1	0.0	5.394E-010	UNITY, DCP-BDC-ST-BUS1B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, R-W1D6-XHE-C-A3
667	93.1	0.0	5.367E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-FL-19, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
668	93.1	0.0	5.345E-010	UNITY, LPI-XVM-PG-XV48, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
669	93.2	0.0	5.329E-010	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FREQ-RHR4, FRAC-POS10, DURATION-R10, D-R4W4-XHE
670	93.2	0.0	5.322E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2, A-L2W2-XHE-R-4
671	93.2	0.0	5.311E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12, A-VBW1-XHE-S2-17
672	93.2	0.0	5.294E-010	UNITY, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
673	93.2	0.0	5.292E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, DURATION-R6, H-CCW-REC-W3, PZR-SV-REMOVEDW3, PROB-W3R6
674	93.2	0.0	5.282E-010	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, D-L3W4-XHE, /NRAC455
675	93.2	0.0	5.277E-010	UNITY, REFUEL, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, D-RBW4-XHE

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
676	93.2	0.0	5.257E-010	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
677	93.2	0.0	5.257E-010	UNITY, ACP-BAC-ST-1H1-1, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
678	93.3	0.0	5.257E-010	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
679	93.3	0.0	5.244E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W1-XHE-R-4, A-L1W1-XHE-FL-14, /NRAC200
680	93.3	0.0	5.241E-010	UNITY, FREQ-RHR2B, PROB-W1D6, A-RBW1-XHE-R-4, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
681	93.3	0.0	5.237E-010	UNITY, LOOPISOLATED2R6, REFUEL, PPS-MOV-FT-1536, DURATION-R6, CCW-LF-RHE2B, PORV-PATH-CLSD, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
682	93.3	0.0	5.217E-010	UNITY, REFUEL, LOSP, OEP-DGN-FR-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
683	93.3	0.0	5.217E-010	UNITY, REFUEL, LOSP, OEP-CCF-FS-DG123, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
684	93.3	0.0	5.215E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-RHR3, PROB-W1D6, A-R3W1-XHE-FL-9, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
685	93.3	0.0	5.197E-010	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
686	93.3	0.0	5.197E-010	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
687	93.4	0.0	5.154E-010	UNITY, ACP-BAC-ST-4801J, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
688	93.4	0.0	5.154E-010	UNITY, CPC-MDP-FR-SW10A, DCP-BDC-ST-BUS1B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
689	93.4	0.0	5.138E-010	UNITY, PROB-W4D6, FREQ-RHR5, DR-MT, DURATION-D6, D-R5W4-XHE

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
690	93.4	0.0	5.136E-010	UNITY, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
691	93.4	0.0	5.136E-010	UNITY, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
692	93.4	0.0	5.123E-010	UNITY, LPI-MDP-FS-SI1B, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
693	93.4	0.0	5.089E-010	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-4KV, D-4KW4-XHE
694	93.4	0.0	5.081E-010	UNITY, LPI-CCF-FS-SI1AB, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
695	93.4	0.0	5.068E-010	UNITY, LOOPISOLATED2R6, DCP-BAT-LP-BAT1A, REFUEL, DURATION-R6, PORV-PATH-CLSD, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
696	93.4	0.0	5.064E-010	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4, A-R4W2-XHE-X, LPR-CCF-PG-SUMP2
697	93.5	0.0	5.040E-010	UNITY, REFUEL, PROB-RHR2A, RHR-ASF-PG-1605, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
698	93.5	0.0	5.039E-010	UNITY, ACP-CRB-CO-15J7, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
699	93.5	0.0	5.038E-010	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-S1-8
700	93.5	0.0	5.014E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
701	93.5	0.0	4.988E-010	UNITY, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, DURATION-R6, SGA-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1
702	93.5	0.0	4.988E-010	UNITY, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, DURATION-R6, SGB-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1
703	93.5	0.0	4.988E-010	UNITY, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, DURATION-R6, SGC-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
704	93.5	0.0	4.981E-010	UNITY, CON-VFC-RP-COREM, RHR-MDP-FS-RHR1B, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
705	93.5	0.0	4.975E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-SIW1-XHE-C-18, H-SI-REC-W1, FREQ-SI
706	93.5	0.0	4.968E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-L1, A-L1W2-XHE-R-4, /NRAC262
707	93.6	0.0	4.959E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, FRAC-POS10, PROB-W3R10A, CPC-MDP-MA-SW10B
708	93.6	0.0	4.954E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, ISR-MDP-FS-RS1A, OSR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
709	93.6	0.0	4.941E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, /PZR-SV-REMOVEDW2, PROB-W2R6, H-SI-REC-W2, FREQ-SI
710	93.6	0.0	4.938E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
711	93.6	0.0	4.908E-010	UNITY, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, FRAC-POS10, D-RAW3-XHE, PROB-W3R10A
712	93.6	0.0	4.907E-010	UNITY, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
713	93.6	0.0	4.880E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FREQ-RHR5, FRAC-POS10, DURATION-R10, D-R5W3-XHE
714	93.6	0.0	4.861E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-L1, A-L1W1-XHE-R-4, /NRAC200
715	93.6	0.0	4.860E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-SR, D-SRW3-XHE
716	93.6	0.0	4.846E-010	UNITY, LPI-MDP-FR-B24HR, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
717	93.7	0.0	4.834E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FR-1B1HR, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
718	93.7	0.0	4.834E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-4KV, D-4KW3-XHE
719	93.7	0.0	4.827E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
720	93.7	0.0	4.817E-010	UNITY, CPC-MDP-FS-SW20A, PROB-W4D6, DR-MT, DURATION-D6, FREQ-B1, NRAC455
721	93.7	0.0	4.783E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, DURATION-R6, FREQ-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
722	93.7	0.0	4.752E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, FREQ-B1, R-A3W1D6-XHE-C, /NRAC200
723	93.7	0.0	4.744E-010	UNITY, HPI-MDP-FR-1A6HR, SGB-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
724	93.7	0.0	4.744E-010	UNITY, HPI-MDP-FR-1A6HR, SGA-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
725	93.7	0.0	4.736E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, CCW-LF-RHE2B, PZR-SV-REMOVEDW3, PROB-W3R6, A-SIW3-XHE-FL-10, H-SI-REC-W3, FREQ-SI
726	93.7	0.0	4.701E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, CPC-CCF-LF-STR1, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
727	93.8	0.0	4.701E-010	UNITY, CPC-CCF-LF-STRAB, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
728	93.8	0.0	4.701E-010	UNITY, HPI-CCF-FT-115BD, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
729	93.8	0.0	4.694E-010	UNITY, CON-VFC-RP-COREM, ISR-MDP-FS-RS1A, OSR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
730	93.8	0.0	4.678E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
731	93.8	0.0	4.673E-010	UNITY, ACP-CRB-CO-14J1, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
732	93.8	0.0	4.554E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-9, FREQ-SI, A-SIW1-XHE-R-3, R-W1D6-XHE-C-A3
733	93.8	0.0	4.545E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-L2, NRAC262, PROB-1HFALIEDL2
734	93.8	0.0	4.520E-010	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4, A-L3-XHE-S
735	93.8	0.0	4.516E-010	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-B1, NRAC455, A-B1W4-XHE-CW-8
736	93.8	0.0	4.504E-010	UNITY, REFUEL, LOFP, OEP-CRB-FT-15H3, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
737	93.9	0.0	4.463E-010	UNITY, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFALIEDL2, R-L2W1-13-C-C
738	93.9	0.0	4.408E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI, R-W2D6-XHE-C-A9
739	93.9	0.0	4.406E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B1, NRAC200, R-B1W1-13-C-C
740	93.9	0.0	4.402E-010	UNITY, ACP-CRB-CO-14J14, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
741	93.9	0.0	4.402E-010	UNITY, ACP-CRB-CO-15J7, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
742	93.9	0.0	4.402E-010	UNITY, ACP-CRB-CO-14J11, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
743	93.9	0.0	4.398E-010	UNITY, REFUEL, DURATION-R6, FREQ-RHR2B, PROB-W1R6, /PZR-SV-REMOVEDW1, D-RBW1-XHE
744	93.9	0.0	4.395E-010	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
745	93.9	0.0	4.394E-010	UNITY, ACP-TFM-NO-1J1, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
746	93.9	0.0	4.394E-010	UNITY, ACP-TFM-NO-1J, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
747	93.9	0.0	4.392E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-RHR4
748	94.0	0.0	4.378E-010	UNITY, AFW-MDP-MA-FW3B, RHR-MDP-FS-RHR1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-E1
749	94.0	0.0	4.378E-010	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FS-CCP1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-E1
750	94.0	0.0	4.378E-010	UNITY, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, A-4KW2-XHE-R-12, R-W2D6-XHE-C-E1
751	94.0	0.0	4.372E-010	UNITY, LPI-MDP-FS-SI1B, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
752	94.0	0.0	4.372E-010	UNITY, LPI-MDP-FS-SI1B, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
753	94.0	0.0	4.369E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-SI-REC-W4, FREQ-SI
754	94.0	0.0	4.350E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, R-W2D6-XHE-C-A9
755	94.0	0.0	4.342E-010	UNITY, REFUEL, RWT-TNK-LF-RWST, FREQ-RHR3, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
756	94.0	0.0	4.319E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG123, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
757	94.0	0.0	4.311E-010	UNITY, LOSEP, OEP-DGN-FC-DG3U2, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
758	94.0	0.0	4.298E-010	UNITY, HPI-MDP-FS-CH2C, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455
759	94.0	0.0	4.287E-010	UNITY, HPI-CKV-FT-CV25, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
760	94.1	0.0	4.287E-010	UNITY, HPI-CKV-FT-CV410, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
761	94.1	0.0	4.270E-010	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W4D6, DR-MT, DURATION-D6, H-4KV-REC-W4, FREQ-4KV
762	94.1	0.0	4.270E-010	UNITY, LOSEP, OEP-DGN-FC-DG3U2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
763	94.1	0.0	4.255E-010	UNITY, REFUEL, LOSEP, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-SI
764	94.1	0.0	4.255E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
765	94.1	0.0	4.252E-010	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, R-A7W2R6-XHE-C
766	94.1	0.0	4.246E-010	UNITY, ACP-CRB-CO-14J1, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
767	94.1	0.0	4.246E-010	UNITY, ACP-CRB-CO-14J11, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
768	94.1	0.0	4.246E-010	UNITY, ACP-CRB-CO-14J14, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
769	94.1	0.0	4.246E-010	UNITY, ACP-CRB-CO-15J7, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
770	94.1	0.0	4.217E-010	UNITY, CON-VFC-RP-COREM, SWS-MOV-OP-RSS, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
771	94.2	0.0	4.193E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-AIR, A-ARW1-XHE-R-5, PRNR-ARW1, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
772	94.2	0.0	4.176E-010	UNITY, LOOPISOLATED2R6, REFUEL, OEP-BAC-ST-FDRF, OEP-DGN-FS-DG01, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
773	94.2	0.0	4.170E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-FS-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
774	94.2	0.0	4.156E-010	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-SI-REC-W2, FREQ-SI
775	94.2	0.0	4.129E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, MSS-AOV-FC-101C, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, 2EH1L2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
776	94.2	0.0	4.129E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, MSS-AOV-FC-101B, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, 2EH1L2
777	94.2	0.0	4.129E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, MSS-AOV-FC-101A, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, 2EH1L2
778	94.2	0.0	4.128E-010	UNITY, REFUEL, LOSP, OEP-DGN-FS-DG01, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6, R-LOSP-DG01
779	94.2	0.0	4.128E-010	UNITY, REFUEL, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, D-R3W4-XHE
780	94.2	0.0	4.126E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-B1, NRAC346, A-B1W3-XHE-CW-8
781	94.2	0.0	4.123E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
782	94.2	0.0	4.121E-010	UNITY, CON-VFC-RP-COREM, REFUEL, ISR-MDP-FS-RS1A, FREQ-CCW, DURATION-R6, OSR-TRA-MA, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
783	94.3	0.0	4.115E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4
784	94.3	0.0	4.112E-010	UNITY, LPR-CCF-FT-860AB, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A2W1D6-XHE-C
785	94.3	0.0	4.112E-010	UNITY, LPR-CCF-FT-862AB, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A1W1D6-XHE-C
786	94.3	0.0	4.094E-010	UNITY, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2, FREQ-L2, NRAC262, 2EH1L2, A-L2W2-XHE-R-4
787	94.3	0.0	4.094E-010	UNITY, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2, FREQ-L2, NRAC262, 2EH1L2, A-L2W2-XHE-R-4
788	94.3	0.0	4.093E-010	UNITY, MSS-AOV-FC-101B, MSS-NRV-MA-101B, FREQ-RHR3, PROB-W2D6, A-R3W2-XHE-X, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
789	94.3	0.0	4.093E-010	UNITY, MSS-AOV-FC-101A, MSS-NRV-MA-101A, FREQ-RHR3, PROB-W2D6, A-R3W2-XHE-X, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
790	94.3	0.0	4.088E-010	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI, R-W2D6-XHE-C-A9
791	94.3	0.0	4.083E-010	UNITY, ACP-CRB-CO-15H7, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
792	94.3	0.0	4.083E-010	UNITY, ACP-CRB-CO-14H15, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
793	94.3	0.0	4.075E-010	UNITY, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
794	94.3	0.0	4.069E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPR-MOV-PG-1890B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
795	94.4	0.0	4.064E-010	UNITY, OEP-BAC-ST-FDRD, OEP-DGN-FC-DG3U2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
796	94.4	0.0	4.061E-010	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A, R-A1W1D6-XHE-C
797	94.4	0.0	4.060E-010	UNITY, RHR-ASF-PG-1605, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
798	94.4	0.0	4.056E-010	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC455, D-L2W4-XHE
799	94.4	0.0	4.049E-010	UNITY, CPC-MDP-FS-2CC2A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, R-B1W2-23-AC
800	94.4	0.0	4.033E-010	UNITY, MSS-AOV-MA-101A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4
801	94.4	0.0	4.033E-010	UNITY, MSS-AOV-MA-101B, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4
802	94.4	0.0	4.030E-010	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-C-8, A-R3W1-XHE-S1-8
803	94.4	0.0	4.028E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
804	94.4	0.0	4.027E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-CCF-FS-SI1AB, PROB-RHR2A, DR-MT, PROB-W1D6A, R-C2W2D6A-XHE-R
805	94.4	0.0	4.026E-010	UNITY, ACP-BAC-ST-1H1, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
806	94.4	0.0	4.026E-010	UNITY, ACP-BAC-ST-1H1-1, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
807	94.5	0.0	4.026E-010	UNITY, ACP-BAC-ST-1H1, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
808	94.5	0.0	4.009E-010	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B2, /NRAC200
809	94.5	0.0	4.001E-010	UNITY, REFUEL, HPI-XVM-PG-XV24, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
810	94.5	0.0	3.985E-010	UNITY, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-18, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
811	94.5	0.0	3.983E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12
812	94.5	0.0	3.980E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-S2-17
813	94.5	0.0	3.969E-010	UNITY, LOSP, OEP-CCF-FS-DG13, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6
814	94.5	0.0	3.969E-010	UNITY, LOSP, OEP-CCF-FS-DG12, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6
815	94.5	0.0	3.963E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-SI, D-SIW4-XHE
816	94.5	0.0	3.958E-010	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, /NRAC262
817	94.5	0.0	3.943E-010	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, R-A7W2R6-XHE-C
818	94.5	0.0	3.939E-010	UNITY, LPI-MDP-FS-SI1B, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
819	94.6	0.0	3.938E-010	UNITY, ACP-CRB-CO-14H15, CPC-MDP-MA-SW10B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
820	94.6	0.0	3.938E-010	UNITY, ACP-CRB-CO-15H7, CPC-MDP-MA-SW10B, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
821	94.6	0.0	3.936E-010	UNITY, ACP-CRB-CO-15J7, LOOPISOLATED2R6, HPI-MOV-FT-1115B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
822	94.6	0.0	3.936E-010	UNITY, ACP-CRB-CO-15J7, LOOPISOLATED2R6, HPI-MOV-FT-1115C, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
823	94.6	0.0	3.931E-010	UNITY, LOSEP, OEP-CCF-FS-DG13, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV
824	94.6	0.0	3.931E-010	UNITY, FREQ-CCW, LPI-XVM-PG-XV48, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
825	94.6	0.0	3.901E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
826	94.6	0.0	3.886E-010	UNITY, REFUEL, DURATION-R6, SGA-DRAINED-R, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
827	94.6	0.0	3.886E-010	UNITY, REFUEL, DURATION-R6, SGB-DRAINED-R, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
828	94.6	0.0	3.886E-010	UNITY, REFUEL, DURATION-R6, SGC-DRAINED-R, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
829	94.6	0.0	3.868E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
830	94.6	0.0	3.858E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
831	94.7	0.0	3.858E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
832	94.7	0.0	3.858E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
833	94.7	0.0	3.858E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
834	94.7	0.0	3.858E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW2, PROB-W2R6A
835	94.7	0.0	3.854E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-SI-REC-W2, FREQ-SI
836	94.7	0.0	3.851E-010	UNITY, REFUEL, /PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L1, D-L1W3-XHE, /NRAC346
837	94.7	0.0	3.840E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, 2EH1L2
838	94.7	0.0	3.835E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, A-CCW1-XHE-FL-10, R-W1D6-XHE-C-A3
839	94.7	0.0	3.826E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
840	94.7	0.0	3.814E-010	UNITY, REFUEL, DURATION-R6, SGA-DRAINED-R, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
841	94.7	0.0	3.814E-010	UNITY, REFUEL, DURATION-R6, SGB-DRAINED-R, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
842	94.7	0.0	3.814E-010	UNITY, REFUEL, DURATION-R6, SGC-DRAINED-R, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
843	94.7	0.0	3.814E-010	UNITY, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W3, PZR-SV-REMOVEDW3, PROB-W3R6, D-CCW3-XHE
844	94.8	0.0	3.813E-010	UNITY, CPC-MDP-FS-SW20A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B1, NRAC346, R-B1W3-23-AC
845	94.8	0.0	3.742E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
846	94.8	0.0	3.739E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, A-B1W2-XHE-CW-4
847	94.8	0.0	3.732E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG123, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
848	94.8	0.0	3.729E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, /PROB-1HFAILEDL3, A-L3W2-XHE-CW-4
849	94.8	0.0	3.728E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, A-CCW2-XHE-FL-10
850	94.8	0.0	3.716E-010	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, LPR-MOV-PG-1890B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
851	94.8	0.0	3.713E-010	UNITY, ACP-CRB-CO-15J7, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
852	94.8	0.0	3.708E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CCF-FS-SI1AB, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
853	94.8	0.0	3.705E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L3, NRAC455, /PROB-1HFAILEDL3
854	94.8	0.0	3.705E-010	UNITY, CON-VFC-RP-COREM, REFUEL, FREQ-CCW, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-S1-8
855	94.8	0.0	3.705E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV, A-4KW3-XHE-FL-10
856	94.8	0.0	3.693E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, FIRE-PUMP, SOLAIR-COMP, A-L3W2-XHE-CW-4
857	94.9	0.0	3.686E-010	UNITY, REFUEL, LPR-MOV-FT-1890B, CCW-LF-RHE2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
858	94.9	0.0	3.686E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, CCW-LF-RHE2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
859	94.9	0.0	3.672E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PZR-SV-REMOVEDW3, PROB-W3R6, H-SI-REC-W3, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
860	94.9	0.0	3.660E-010	UNITY, CCW-MDP-MA-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
861	94.9	0.0	3.658E-010	UNITY, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A2
862	94.9	0.0	3.651E-010	UNITY, ACP-CRB-CO-14H15, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
863	94.9	0.0	3.651E-010	UNITY, ACP-CRB-CO-15H7, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
864	94.9	0.0	3.651E-010	UNITY, ACP-CRB-CO-14H15, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
865	94.9	0.0	3.651E-010	UNITY, ACP-CRB-CO-15H7, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
866	94.9	0.0	3.651E-010	UNITY, ACP-CRB-CO-14H14, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
867	94.9	0.0	3.650E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, /PROB-1HFAILEDL3
868	94.9	0.0	3.649E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A, R-A7W2R6-XHE-C
869	94.9	0.0	3.643E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, ISR-MDP-FS-RS1A, FREQ-CCW, OSR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
870	94.9	0.0	3.643E-010	UNITY, REFUEL, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW3, PROB-W3R6, D-RBW3-XHE
871	95.0	0.0	3.612E-010	UNITY, LOSEP, OEP-DGN-FS-DG01, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2
872	95.0	0.0	3.605E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, PROB-RHR2A, CCW-LF-RHE2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
873	95.0	0.0	3.584E-010	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, OEP-BAC-ST-FDRF, OEP-DGN-FS-DG01, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
874	95.0	0.0	3.579E-010	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, /NRAC262
875	95.0	0.0	3.571E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
876	95.0	0.0	3.552E-010	UNITY, RHR-SRV-CO-1721, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
877	95.0	0.0	3.541E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV, A-4KW3-XHE-FL-13
878	95.0	0.0	3.541E-010	UNITY, CCW-SO-RV121, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
879	95.0	0.0	3.541E-010	UNITY, CCW-SO-RV118, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
880	95.0	0.0	3.530E-010	UNITY, LOSP, OEP-CRB-FT-15H3, PROB-W2D6, FREQ-RHR4, DR-MT, DURATION-D6
881	95.0	0.0	3.516E-010	UNITY, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, A-R4W1-XHE-C-9, R-A3W1D6-XHE-C
882	95.0	0.0	3.510E-010	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455, A-B1W4-XHE-2CH-8
883	95.0	0.0	3.490E-010	UNITY, SGA-DRAINED-R, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-A9
884	95.1	0.0	3.490E-010	UNITY, SGB-DRAINED-R, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-A9
885	95.1	0.0	3.488E-010	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
886	95.1	0.0	3.488E-010	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
887	95.1	0.0	3.459E-010	UNITY, HPI-MDP-FR-1A6HR, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL

End State ->CD

Mincut Upper Bound -> 4.868E-006

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
888	95.1	0.0	3.454E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW3, PROB-W3R6
889	95.1	0.0	3.451E-010	UNITY, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
890	95.1	0.0	3.439E-010	UNITY, REFUEL, RHR-CCF-FS-MDPAB, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-SI
891	95.1	0.0	3.433E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, D-L3W3-XHE, /NRAC346
892	95.1	0.0	3.426E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-RHR4
893	95.1	0.0	3.426E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-RHR4
894	95.1	0.0	3.416E-010	UNITY, LPI-MDP-FS-SI1B, RHR-ASF-PG-1605, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
895	95.1	0.0	3.416E-010	UNITY, ACP-BAC-ST-V1III, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
896	95.1	0.0	3.416E-010	UNITY, ACP-BAC-ST-VB1II, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
897	95.1	0.0	3.416E-010	UNITY, RHR-CCF-FS-MDPAB, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
898	95.2	0.0	3.414E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-SI-REC-W4, FREQ-SI
899	95.2	0.0	3.414E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-SI-REC-W4, FREQ-SI
900	95.2	0.0	3.413E-010	UNITY, LOSEP, OEP-CCF-FS-DG13, PROB-W3D6, FREQ-RHR5, DR-MT, DURATION-D6
901	95.2	0.0	3.402E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, FREQ-RHR3, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
902	95.2	0.0	3.399E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A

Partition Cut Set Report

Family->RHRMODEL

End State ->CD

Mincut Upper Bound -> 4.868E-006

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
903	95.2	0.0	3.394E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2
904	95.2	0.0	3.390E-010	UNITY, CON-VFC-RP-COREM, PROB-RHR2A, RHR-CCF-FS-MDPAB, OSR-TRA-MA, ISR-TRA-MA, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
905	95.2	0.0	3.389E-010	UNITY, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, A-RAW2-XHE-X, PROB-W2D6A, LPR-CCF-PG-SUMP2
906	95.2	0.0	3.389E-010	UNITY, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, A-RAW2-XHE-X, PROB-W2D6A, LPR-CCF-PG-SUMP2
907	95.2	0.0	3.387E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-14
908	95.2	0.0	3.384E-010	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A, R-A7W2R6-XHE-C
909	95.2	0.0	3.383E-010	UNITY, RHR-CCF-FS-MDPAB, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
910	95.2	0.0	3.381E-010	UNITY, LOSEP, OEP-CCF-FS-DG13, PROB-W3D6, DR-MT, DURATION-D6, FREQ-4KV
911	95.2	0.0	3.380E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
912	95.2	0.0	3.363E-010	UNITY, PROB-RHR2A, RHR-MDP-FS-RHR1B, CCW-LF-RHE2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
913	95.3	0.0	3.363E-010	UNITY, PROB-RHR2A, RHR-MDP-FS-RHR1A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
914	95.3	0.0	3.358E-010	UNITY, HPI-CKV-FT-CV25, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
915	95.3	0.0	3.358E-010	UNITY, HPI-CKV-FT-CV410, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
916	95.3	0.0	3.345E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, ISR-MDP-FS-RS1A, DURATION-R6, OSR-TRA-MA, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
917	95.3	0.0	3.344E-010	UNITY, LPI-MDP-FS-SI1B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, R-W1D6-XHE-C-A3
918	95.3	0.0	3.331E-010	UNITY, ACP-BAC-ST-4KV1J, PROB-W4D6, DR-MT, DURATION-D6, H-4KV-REC-W4, FREQ-4KV
919	95.3	0.0	3.331E-010	UNITY, DCP-BDC-ST-BUS1B, PROB-W4D6, DR-MT, DURATION-D6, H-4KV-REC-W4, FREQ-4KV
920	95.3	0.0	3.315E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, FREQ-RHR3, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, A-R3W4-XHE-FL-4, CPC-MDP-MA0SW10B
921	95.3	0.0	3.303E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, A-L2W1-XHE-R-4, 2EH1L2
922	95.3	0.0	3.303E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-B1, NRAC200, D-B1W1-XHE
923	95.3	0.0	3.296E-010	UNITY, REFUEL, MSS-AOV-FC-101B, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, A-L3W1-XHE-CW-4
924	95.3	0.0	3.296E-010	UNITY, REFUEL, MSS-AOV-FC-101C, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, A-L3W1-XHE-CW-4
925	95.3	0.0	3.296E-010	UNITY, REFUEL, MSS-AOV-FC-101A, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, A-L3W1-XHE-CW-4
926	95.3	0.0	3.290E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, DURATION-R6, FREQ-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
927	95.3	0.0	3.277E-010	UNITY, LOSEP, OEP-CCF-FS-DG13, PROB-W4D6, DR-MT, DURATION-D6, FREQ-SI
928	95.4	0.0	3.263E-010	UNITY, HPI-CCF-FT-115BD, SGB-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
929	95.4	0.0	3.263E-010	UNITY, HPI-CCF-FT-115BD, SGA-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
930	95.4	0.0	3.254E-010	UNITY, LPI-CCF-FS-SI1AB, PROB-RHR2A, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
931	95.4	0.0	3.247E-010	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, HPI-MOV-FT-1115C, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-SI-REC-W2, FREQ-SI
932	95.4	0.0	3.247E-010	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, HPI-MOV-FT-1115B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-SI-REC-W2, FREQ-SI
933	95.4	0.0	3.236E-010	UNITY, LOSP, OEP-DGN-FS-DG01, PROB-W2D6, FREQ-RHR4, DR-MT, DURATION-D6, R-LOSP-DG01
934	95.4	0.0	3.224E-010	UNITY, CPC-MDP-FS-2CC2A, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455
935	95.4	0.0	3.219E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
936	95.4	0.0	3.215E-010	UNITY, REFUEL, RHR-MDP-FS-RHR1A, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, /PROB-1HFAILEDL3
937	95.4	0.0	3.215E-010	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, /PROB-1HFAILEDL3, CCW-MDP-FS-CCP1A
938	95.4	0.0	3.154E-010	UNITY, REFUEL, CCW-LF-RHE2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV, A-4KW4-XHE-FL-13
939	95.4	0.0	3.150E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
940	95.4	0.0	3.133E-010	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-A9
941	95.4	0.0	3.133E-010	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-A9
942	95.4	0.0	3.123E-010	UNITY, ACP-CRB-CO-14J11, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
943	95.5	0.0	3.123E-010	UNITY, ACP-CRB-CO-15J7, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
944	95.5	0.0	3.123E-010	UNITY, ACP-CRB-CO-14J14, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
945	95.5	0.0	3.123E-010	UNITY, ACP-CRB-CO-14J1, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
946	95.5	0.0	3.120E-010	UNITY, REFUEL, MSS-AOV-FC-101A, MSS-AOV-FC-101B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
947	95.5	0.0	3.120E-010	UNITY, REFUEL, MSS-AOV-FC-101B, MSS-AOV-FC-101C, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
948	95.5	0.0	3.120E-010	UNITY, REFUEL, MSS-AOV-FC-101A, MSS-AOV-FC-101C, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
949	95.5	0.0	3.110E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-FR-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
950	95.5	0.0	3.105E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, A-L1W2-XHE-R-4, /NRAC262
951	95.5	0.0	3.102E-010	UNITY, CON-VFC-RP-COREM, FREQ-CCW, SWS-MOV-OP-RSS, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
952	95.5	0.0	3.089E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-SI-REC-W3, FREQ-SI
953	95.5	0.0	3.084E-010	UNITY, CPC-MDP-FR-SW10A, LOSP, OEP-DGN-FC-DG3U2, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
954	95.5	0.0	3.075E-010	UNITY, CON-VFC-RP-COREM, ISR-CCF-FS-RS1AB, OSR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
955	95.5	0.0	3.073E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-FS-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
956	95.5	0.0	3.066E-010	UNITY, LOSP, OEP-CRB-FT-15H3, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1, /NRAC262
957	95.5	0.0	3.059E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC346, D-B1W3-XHE
958	95.6	0.0	3.051E-010	UNITY, ACP-TFM-NO-1J, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
959	95.6	0.0	3.039E-010	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, CCW-AOV-XHE-109, LPR-CCF-PG-SUMP2, FREQ-L2, NRAC262, 2EH1L2
960	95.6	0.0	3.024E-010	UNITY, FREQ-CCW, LPR-CCF-FT-862AB, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A1
961	95.6	0.0	3.024E-010	UNITY, FREQ-CCW, LPR-CCF-FT-860AB, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A2
962	95.6	0.0	3.024E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A, R-C2W2D6A-XHE-R
963	95.6	0.0	3.022E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPR-MOV-FT-1890B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
964	95.6	0.0	3.022E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, REFUEL, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
965	95.6	0.0	3.022E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
966	95.6	0.0	3.022E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, REFUEL, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
967	95.6	0.0	3.022E-010	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, PROB-1HFAILEDL3
968	95.6	0.0	3.020E-010	UNITY, LOSEP, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
969	95.6	0.0	3.020E-010	UNITY, LOSEP, OEP-CRB-FT-15J3, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
970	95.6	0.0	3.020E-010	UNITY, LOSEP, OEP-CRB-FT-15H3, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
971	95.6	0.0	3.018E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
972	95.6	0.0	3.017E-010	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W1-XHE-R-4, R-A3W1D6-XHE-C, /NRAC200
973	95.6	0.0	3.016E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, SGS-DRAINED-R, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
974	95.6	0.0	3.014E-010	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-L3, NRAC262, A-L3W2-XHE-R-4
975	95.7	0.0	3.009E-010	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455, D-B1W4-XHE
976	95.7	0.0	3.002E-010	UNITY, REFUEL, LOSEP, OEP-DGN-FR-DG01, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
977	95.7	0.0	2.993E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-S2-17
978	95.7	0.0	2.991E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MOV-PG-1862B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
979	95.7	0.0	2.986E-010	UNITY, REFUEL, RHR-MDP-FS-RHR1A, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
980	95.7	0.0	2.986E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2, CCW-MDP-FS-CCP1A
981	95.7	0.0	2.981E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, /NRAC262
982	95.7	0.0	2.979E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, PROB-W1R6, PZR-SV-REMOVEDW1
983	95.7	0.0	2.964E-010	UNITY, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-S1-8, A-CCW1-XHE-C-9
984	95.7	0.0	2.960E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, CPC-CCF-LF-STR1, PZR-SV-REMOVEDW3, PROB-W3R6A
985	95.7	0.0	2.960E-010	UNITY, CPC-CCF-LF-STRAB, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
986	95.7	0.0	2.960E-010	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-L3, D-L3W4-XHE, /NRAC455
987	95.7	0.0	2.957E-010	UNITY, FREQ-RHR2B, PROB-W4D6, DR-MT, DURATION-D6, D-RBW4-XHE
988	95.7	0.0	2.953E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-SR, D-SRW4-XHE
989	95.7	0.0	2.949E-010	UNITY, REFUEL, LPR-CKV-FT-CV47, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
990	95.7	0.0	2.949E-010	UNITY, REFUEL, LPI-CKV-FT-CV50, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
991	95.8	0.0	2.946E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
992	95.8	0.0	2.941E-010	UNITY, ACP-INV-NO-UPSB1, PROB-W4D6, DR-MT, DURATION-D6, FREQ-L2, NRAC455, /PROB-1HFAILED1L2, FIRE-PUMP, SOLAIR-COMP, 2EH1L2
993	95.8	0.0	2.935E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
994	95.8	0.0	2.935E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
995	95.8	0.0	2.932E-010	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, CPC-MDP-FR-CC2A, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
996	95.8	0.0	2.927E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
997	95.8	0.0	2.919E-010	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-AIR, D-ARW3-XHE, PRNR-ARW3
998	95.8	0.0	2.919E-010	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-MA-CCP1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-E1
999	95.8	0.0	2.915E-010	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1000	95.8	0.0	2.915E-010	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1001	95.8	0.0	2.901E-010	UNITY, ACP-CRB-CO-15J7, HPI-MOV-FT-1115B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1002	95.8	0.0	2.901E-010	UNITY, ACP-CRB-CO-15J7, HPI-MOV-FT-1115C, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1003	95.8	0.0	2.900E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CCF-FS-SI1AB, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1004	95.8	0.0	2.896E-010	UNITY, ACP-CRB-CO-15H7, CPC-MDP-MA-SW10B, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
1005	95.8	0.0	2.896E-010	UNITY, ACP-CRB-CO-14H15, CPC-MDP-MA-SW10B, FREQ-CCW, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
1006	95.8	0.0	2.894E-010	UNITY, REFUEL, LOSP, OEP-DGN-FC-DG3U2, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-RHR5
1007	95.8	0.0	2.893E-010	UNITY, CON-VFC-RP-COREM, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1008	95.9	0.0	2.893E-010	UNITY, CON-VFC-RP-COREM, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1009	95.9	0.0	2.890E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, D-VBW3-XHE, FREQ-VB
1010	95.9	0.0	2.887E-010	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1011	95.9	0.0	2.887E-010	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1012	95.9	0.0	2.870E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, FREQ-L2, A-L2W1-XHE-R-4, R-A3W1D6-XHE-C, /NRAC200
1013	95.9	0.0	2.869E-010	UNITY, LPI-MDP-FS-SI1B, RHR-MDP-FR-B24HR, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1014	95.9	0.0	2.866E-010	UNITY, REFUEL, LOSP, OEP-DGN-FC-DG3U2, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-4KV
1015	95.9	0.0	2.864E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-SI-REC-W3, FREQ-SI
1016	95.9	0.0	2.864E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6, R-C1W1D6A-XHE-R

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1017	95.9	0.0	2.842E-010	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
1018	95.9	0.0	2.838E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC346, /PROB-1HFAILED1R3
1019	95.9	0.0	2.826E-010	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, SGA-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
1020	95.9	0.0	2.826E-010	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, SGC-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
1021	95.9	0.0	2.826E-010	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, SGB-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
1022	95.9	0.0	2.813E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, PROB-RHR2A, CCW-LF-RHE2B, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1023	95.9	0.0	2.813E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, PROB-RHR2A, CCW-LF-RHE2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1024	95.9	0.0	2.813E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, PROB-RHR2A, CCW-LF-RHE2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1025	96.0	0.0	2.810E-010	UNITY, LOSEP, OEP-DGN-FS-DG01, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1, /NRAC262, R-LOSEP-DG01
1026	96.0	0.0	2.807E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, D-L3W2-XHE
1027	96.0	0.0	2.807E-010	UNITY, REFUEL, LOSEP, OEP-CRB-FT-15J3, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A
1028	96.0	0.0	2.807E-010	UNITY, REFUEL, LOSEP, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A
1029	96.0	0.0	2.807E-010	UNITY, REFUEL, LOSEP, OEP-CRB-FT-15H3, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A
1030	96.0	0.0	2.803E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6, R-C1W1D6A-XHE-R
1031	96.0	0.0	2.789E-010	UNITY, LOSEP, OEP-DGN-FS-DG03, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1032	96.0	0.0	2.789E-010	UNITY, LOSP, OEP-DGN-FS-DG01, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1033	96.0	0.0	2.785E-010	UNITY, REFUEL, LOSP, OEP-CCF-FS-DG123, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
1034	96.0	0.0	2.774E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPI-CCF-FS-SI1AB, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
1035	96.0	0.0	2.774E-010	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, NRAC262
1036	96.0	0.0	2.764E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPR-MOV-PG-1890B, PROB-RHR2A, DR-MT, PROB-W2D6A
1037	96.0	0.0	2.763E-010	UNITY, LOSP, OEP-DGN-FS-DG03, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1038	96.0	0.0	2.763E-010	UNITY, LOSP, OEP-DGN-FS-DG01, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1039	96.0	0.0	2.751E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI, A-SIW1-XHE-R-3
1040	96.0	0.0	2.751E-010	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1041	96.0	0.0	2.751E-010	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1042	96.1	0.0	2.751E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1043	96.1	0.0	2.751E-010	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1044	96.1	0.0	2.742E-010	UNITY, ACP-INV-NO-UPSB1, ACP-TFM-NO-1J1, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1045	96.1	0.0	2.734E-010	UNITY, LOSP, OEP-CRB-FT-15H3, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6
1046	96.1	0.0	2.732E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL

End State ->CD

Mincut Upper Bound -> 4.868E-006

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1047	96.1	0.0	2.732E-010	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1048	96.1	0.0	2.732E-010	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1049	96.1	0.0	2.732E-010	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, A-R5W1-XHE-R-4, R-A3W1D6-XHE-C
1050	96.1	0.0	2.732E-010	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1051	96.1	0.0	2.729E-010	UNITY, REFUEL, LOSP, OEP-CCF-FS-DG13, /PZR-SV-REMOVEDW4, PROB-W4R10, FREQ-RHR5, FRAC-POS10, DURATION-R10
1052	96.1	0.0	2.729E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-XVM-PG-XV48, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1053	96.1	0.0	2.728E-010	UNITY, LOSP, OEP-CCF-FS-DG123, PROB-RHR2A, DR-MT, PROB-W3D6A
1054	96.1	0.0	2.725E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101C, DURATION-R6, MSS-NRV-MA-101C, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1055	96.1	0.0	2.725E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101A, DURATION-R6, MSS-NRV-MA-101A, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1056	96.1	0.0	2.725E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, MSS-AOV-FC-101B, DURATION-R6, MSS-NRV-MA-101B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1057	96.1	0.0	2.712E-010	UNITY, PROB-RHR2A, RHR-CCF-FS-MDPAB, DR-MT, A-RAW1-XHE-C-9, PROB-W1D6A, R-A3W1D6-XHE-C
1058	96.1	0.0	2.711E-010	UNITY, REFUEL, /PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, D-SIW3-XHE, FREQ-SI
1059	96.1	0.0	2.707E-010	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, A-4KW1-XHE-R-3, R-W1D6-XHE-C-A3
1060	96.2	0.0	2.707E-010	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1061	96.2	0.0	2.707E-010	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1062	96.2	0.0	2.707E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1063	96.2	0.0	2.707E-010	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1064	96.2	0.0	2.707E-010	UNITY, ACP-INV-MA-UPSA2, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
1065	96.2	0.0	2.706E-010	UNITY, REFUEL, RHR-MDP-FS-RHR1A, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
1066	96.2	0.0	2.706E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2, CCW-MDP-FS-CCP1A
1067	96.2	0.0	2.704E-010	UNITY, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
1068	96.2	0.0	2.703E-010	UNITY, REFUEL, LOBP, OEP-CCF-FS-DG13, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-4KV
1069	96.2	0.0	2.691E-010	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, R-W1R6-XHE-C-A11
1070	96.2	0.0	2.688E-010	UNITY, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW1, A-RAW1-XHE-R-4, A-RAW1-XHE-S1-9, PROB-W1R6A, LPR-CCF-PG-SUMP1
1071	96.2	0.0	2.688E-010	UNITY, CON-VFC-RP-COREM, REFUEL, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A
1072	96.2	0.0	2.688E-010	UNITY, CON-VFC-RP-COREM, REFUEL, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A
1073	96.2	0.0	2.688E-010	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, LPR-MOV-PG-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A

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3 of 7

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1074	96.2	0.0	2.685E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-C1W1D6A-XHE-R, R-A3W1D6-XHE-C
1075	96.2	0.0	2.677E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, D-L3W1-XHE, /NRAC200
1076	96.2	0.0	2.654E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1077	96.2	0.0	2.654E-010	UNITY, ACP-BAC-ST-1J1-2, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1078	96.3	0.0	2.654E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1079	96.3	0.0	2.654E-010	UNITY, ACP-BAC-ST-4801J, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1080	96.3	0.0	2.654E-010	UNITY, ACP-BAC-ST-1J1, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1081	96.3	0.0	2.654E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1082	96.3	0.0	2.654E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW2, PROB-W2R6A
1083	96.3	0.0	2.653E-010	UNITY, CPC-MDP-FR-SW10A, LOSEP, OEP-DGN-FC-DG3U2, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
1084	96.3	0.0	2.647E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
1085	96.3	0.0	2.645E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW3, PROB-W3R6A
1086	96.3	0.0	2.644E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-SI
1087	96.3	0.0	2.641E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, FREQ-RHR2B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PZR-SV-REMOVEDW3, PROB-W3R6

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1088	96.3	0.0	2.632E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC346, A-B1W3-XHE-2CH-4
1089	96.3	0.0	2.630E-010	UNITY, OEP-BAC-ST-FDRD, OEP-DGN-FS-DG03, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1090	96.3	0.0	2.629E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPR-MOV-PG-1890B, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
1091	96.3	0.0	2.626E-010	UNITY, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1092	96.3	0.0	2.606E-010	UNITY, CON-VFC-RP-COREM, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1093	96.3	0.0	2.603E-010	UNITY, ACP-BAC-ST-1J1, PROB-RHR2A, SAS-CPS-FR-1SAC1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1094	96.3	0.0	2.603E-010	UNITY, ACP-BAC-ST-4KV1J, PROB-RHR2A, SAS-CPS-FR-1SAC1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1095	96.3	0.0	2.603E-010	UNITY, ACP-BAC-ST-1J1-2, PROB-RHR2A, SAS-CPS-FR-1SAC1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1096	96.3	0.0	2.603E-010	UNITY, ACP-BAC-ST-1J1-2, PROB-RHR2A, SAS-CPS-FR-2SAC1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1097	96.4	0.0	2.603E-010	UNITY, ACP-BAC-ST-1J1, PROB-RHR2A, SAS-CPS-FR-2SAC1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1098	96.4	0.0	2.603E-010	UNITY, ACP-BAC-ST-4KV1J, PROB-RHR2A, SAS-CPS-FR-2SAC1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1099	96.4	0.0	2.601E-010	UNITY, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1100	96.4	0.0	2.600E-010	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, PPS-MOV-FT-1536, DURATION-R6, PORV-PATH-CLSD, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1101	96.4	0.0	2.585E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, FREQ-RHR2B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, /PZR-SV-REMOVEDW2, PROB-W2R6
1102	96.4	0.0	2.573E-010	UNITY, REFUEL, LOSP, OEP-DGN-FS-DG01, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A, R-LOSP-DG01
1103	96.4	0.0	2.559E-010	UNITY, MSS-AOV-FC-101A, OSR-TRA-MA, ISR-TRA-MA, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, 2EH1L2, A-L2W2-XHE-R-4
1104	96.4	0.0	2.559E-010	UNITY, MSS-AOV-FC-101B, OSR-TRA-MA, ISR-TRA-MA, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2, NRAC262, 2EH1L2, A-L2W2-XHE-R-4
1105	96.4	0.0	2.558E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW3, PROB-W3R6
1106	96.4	0.0	2.558E-010	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3, R-W1D6-XHE-C-A1
1107	96.4	0.0	2.552E-010	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1108	96.4	0.0	2.544E-010	UNITY, HPI-MDP-FR-1A6HR, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
1109	96.4	0.0	2.544E-010	UNITY, ACP-CRB-CO-15H7, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, /NRAC262
1110	96.4	0.0	2.544E-010	UNITY, ACP-CRB-CO-14H15, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, /NRAC262
1111	96.4	0.0	2.543E-010	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1112	96.4	0.0	2.534E-010	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1113	96.4	0.0	2.534E-010	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1114	96.4	0.0	2.528E-010	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L1, A-L1W1-XHE-R-4, /NRAC200
1115	96.4	0.0	2.520E-010	UNITY, CON-VFC-RP-COREM, REFUEL, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-RAW1-XHE-R-4, PROB-W1R6A
1116	96.5	0.0	2.519E-010	UNITY, REFUEL, HPI-XVM-PG-XV24, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1117	96.5	0.0	2.513E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
1118	96.5	0.0	2.510E-010	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1119	96.5	0.0	2.507E-010	UNITY, HPI-CKV-OO-276U2, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455
1120	96.5	0.0	2.507E-010	UNITY, HPI-CKV-OO-267U2, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455
1121	96.5	0.0	2.507E-010	UNITY, LOSEP, OEP-DGN-FS-DG01, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, R-LOSP-DG01
1122	96.5	0.0	2.502E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, FREQ-CCW, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1123	96.5	0.0	2.501E-010	UNITY, REFUEL, SGS-DRAINED-R, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, A-R3W2-XHE-X, LPR-CCF-PG-SUMP2
1124	96.5	0.0	2.496E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4, A-L3-XHE-S
1125	96.5	0.0	2.493E-010	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-PG-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1126	96.5	0.0	2.484E-010	UNITY, ACP-INV-NO-UPSB1, MSS-AOV-FC-101A, MSS-AOV-FC-101B, PROB-W4D6, DR-MT, DURATION-D6, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1127	96.5	0.0	2.482E-010	UNITY, REFUEL, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW2, A-RAW2-XHE-X, PROB-W2R6A, LPR-CCF-PG-SUMP2
1128	96.5	0.0	2.482E-010	UNITY, REFUEL, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW2, A-RAW2-XHE-X, PROB-W2R6A, LPR-CCF-PG-SUMP2
1129	96.5	0.0	2.481E-010	UNITY, LOSEP, OEP-DGN-FC-DG3U2, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1130	96.5	0.0	2.476E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BAT-LP-BAT1B, PROB-RHR2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1131	96.5	0.0	2.472E-010	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12, R-W1D6-XHE-C-A3
1132	96.5	0.0	2.471E-010	UNITY, LPR-CKV-FT-CV47, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1133	96.5	0.0	2.471E-010	UNITY, LPI-CKV-FT-CV50, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1134	96.5	0.0	2.468E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, NRAC200, A-L1W1-XHE-R-4, A-L1W1-XHE-FL-18
1135	96.6	0.0	2.461E-010	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1136	96.6	0.0	2.457E-010	UNITY, REFUEL, DURATION-R6, MSS-NRV-MA-101C, MSS-AOV-MA-101C, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1137	96.6	0.0	2.457E-010	UNITY, REFUEL, DURATION-R6, MSS-NRV-MA-101B, MSS-AOV-MA-101B, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1138	96.6	0.0	2.457E-010	UNITY, REFUEL, DURATION-R6, MSS-NRV-MA-101A, MSS-AOV-MA-101A, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1139	96.6	0.0	2.456E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1140	96.6	0.0	2.454E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CKV-FT-CV46B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1141	96.6	0.0	2.454E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CKV-FT-CV50, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1142	96.6	0.0	2.453E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-FL-19, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
1143	96.6	0.0	2.448E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6
1144	96.6	0.0	2.448E-010	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101A, MSS-NRV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-A9
1145	96.6	0.0	2.448E-010	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101B, MSS-NRV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-A9
1146	96.6	0.0	2.448E-010	UNITY, REFUEL, SGS-DRAINED-R, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
1147	96.6	0.0	2.444E-010	UNITY, HPI-CKV-OO-267U2, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B1, NRAC262, R-B1W2-23-A
1148	96.6	0.0	2.444E-010	UNITY, HPI-CKV-OO-276U2, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B1, NRAC262, R-B1W2-23-A
1149	96.6	0.0	2.444E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW3, PROB-W3R6
1150	96.6	0.0	2.430E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1151	96.6	0.0	2.419E-010	UNITY, ACP-BAC-ST-1J1-2, REFUEL, PROB-RHR2A, SAS-CPS-FR-2SAC1, /PZR-SV-REMOVEDW1, PROB-W1R6A
1152	96.6	0.0	2.419E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, PROB-RHR2A, SAS-CPS-FR-2SAC1, /PZR-SV-REMOVEDW1, PROB-W1R6A
1153	96.6	0.0	2.419E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, PROB-RHR2A, SAS-CPS-FR-1SAC1, /PZR-SV-REMOVEDW1, PROB-W1R6A
1154	96.6	0.0	2.419E-010	UNITY, ACP-BAC-ST-1J1, REFUEL, PROB-RHR2A, SAS-CPS-FR-2SAC1, /PZR-SV-REMOVEDW1, PROB-W1R6A
1155	96.7	0.0	2.419E-010	UNITY, ACP-BAC-ST-1J1, REFUEL, PROB-RHR2A, SAS-CPS-FR-1SAC1, /PZR-SV-REMOVEDW1, PROB-W1R6A
1156	96.7	0.0	2.419E-010	UNITY, ACP-BAC-ST-1J1-2, REFUEL, PROB-RHR2A, SAS-CPS-FR-1SAC1, /PZR-SV-REMOVEDW1, PROB-W1R6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1157	96.7	0.0	2.417E-010	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-R-12, R-W2D6-XHE-C-E1
1158	96.7	0.0	2.417E-010	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FS-CCP1B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-E1
1159	96.7	0.0	2.417E-010	UNITY, AFW-MDP-MA-FW3B, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-E1
1160	96.7	0.0	2.414E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W1-XHE-R-4, A-L1W1-XHE-C-13, R-A3W1D6-XHE-C, /NRAC200
1161	96.7	0.0	2.413E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-SI-REC-W3, FREQ-SI
1162	96.7	0.0	2.413E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-SI-REC-W3, FREQ-SI
1163	96.7	0.0	2.412E-010	UNITY, REFUEL, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW2, PROB-W2R6, D-RBW2-XHE
1164	96.7	0.0	2.411E-010	UNITY, PROB-RHR2A, CCW-XMV-PG-CC100, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1165	96.7	0.0	2.411E-010	UNITY, PROB-RHR2A, CCW-XMV-PG-CC220, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1166	96.7	0.0	2.411E-010	UNITY, PROB-RHR2A, CCW-AOV-PG-109B, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1167	96.7	0.0	2.410E-010	UNITY, HPI-MOV-FT-1115C, LOSP, OEP-DGN-FC-DG3U2, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1168	96.7	0.0	2.410E-010	UNITY, HPI-MOV-FT-1115B, LOSP, OEP-DGN-FC-DG3U2, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1169	96.7	0.0	2.410E-010	UNITY, LOSP, OEP-CRB-FT-15H3, OEP-DGN-FC-DG3U2, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1170	96.7	0.0	2.408E-010	UNITY, HPI-MDP-FS-CH2C, PROB-W4D6, DR-MT, DURATION-D6, FREQ-B1, NRAC455
1171	96.7	0.0	2.407E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, RHR-MDP-FS-RHR1B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1172	96.7	0.0	2.407E-010	UNITY, CPC-MDP-FR-SW20A, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1173	96.7	0.0	2.398E-010	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, PROB-1HFAILEDL2, A-L2W1-XHE-FL-18
1174	96.7	0.0	2.397E-010	UNITY, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-VB, A-VBW1-XHE-R-3, R-W1D6-XHE-C-A3
1175	96.8	0.0	2.392E-010	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
1176	96.8	0.0	2.390E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-SI-REC-W2, FREQ-SI
1177	96.8	0.0	2.383E-010	UNITY, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1178	96.8	0.0	2.383E-010	UNITY, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1179	96.8	0.0	2.379E-010	UNITY, LPR-CCF-FT-863AB, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1180	96.8	0.0	2.366E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, SGA-DRAINED-R, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1181	96.8	0.0	2.366E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, SGB-DRAINED-R, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1182	96.8	0.0	2.366E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, SGC-DRAINED-R, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1183	96.8	0.0	2.359E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L1, NRAC455, D-L1W4-XHE
1184	96.8	0.0	2.356E-010	UNITY, LOOPISOLATED2R6, REFUEL, FREQ-CCW, DURATION-R6, RWT-TNK-LF-RWST, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
1185	96.8	0.0	2.353E-010	UNITY, LOSEP, OEP-DGN-FR-DG01, PROB-W2D6, FREQ-RHR4, DR-MT, DURATION-D6

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1186	96.8	0.0	2.353E-010	UNITY, LOOPISOLATED2R6, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, A-RAW2-XHE-X, A-RAW2-XHE-R-4, PROB-W2R6A, LPR-CCF-PG-SUMP2
1187	96.8	0.0	2.347E-010	UNITY, CPC-MDP-FR-SW20A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-B1, NRAC262, R-B1W2-23-AC
1188	96.8	0.0	2.346E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-B2, NRAC346, D-B2W3-XHE
1189	96.8	0.0	2.343E-010	UNITY, LPR-MOV-FT-1860B, PROB-RHR2A, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A, R-A2W1D6-XHE-C
1190	96.8	0.0	2.338E-010	UNITY, ACP-CRB-CO-15J7, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1191	96.8	0.0	2.336E-010	UNITY, ACP-TFM-NO-1J, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1192	96.8	0.0	2.317E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPI-MDP-FS-SI1B, FREQ-RHR2B, PROB-W2D6, DR-MT, DURATION-D6
1193	96.8	0.0	2.317E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPR-MOV-FT-1890B, FREQ-RHR2B, PROB-W2D6, DR-MT, DURATION-D6
1194	96.8	0.0	2.314E-010	UNITY, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, A-RAW1-XHE-C-9, PROB-W1D6A, R-A3W1D6-XHE-C
1195	96.8	0.0	2.314E-010	UNITY, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, A-RAW1-XHE-C-9, PROB-W1D6A, R-A3W1D6-XHE-C
1196	96.9	0.0	2.314E-010	UNITY, PROB-RHR2A, SAS-CCF-FR-SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1197	96.9	0.0	2.313E-010	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B2, /NRAC200
1198	96.9	0.0	2.313E-010	UNITY, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B2, /NRAC200
1199	96.9	0.0	2.302E-010	UNITY, HPI-MDP-FR-1A6HR, LPI-MDP-FS-SI1B, PROB-RHR2A, SGA-DRAINED-R, DR-MT, PROB-W2D6A
1200	96.9	0.0	2.302E-010	UNITY, HPI-MDP-FR-1A6HR, LPI-MDP-FS-SI1B, PROB-RHR2A, SGB-DRAINED-R, DR-MT, PROB-W2D6A
1201	96.9	0.0	2.293E-010	UNITY, REFUEL, RHR-ASF-PG-1605, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1202	96.9	0.0	2.292E-010	UNITY, HPI-CKV-FT-CV25, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1203	96.9	0.0	2.292E-010	UNITY, HPI-CKV-FT-CV410, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1204	96.9	0.0	2.291E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MOV-PG-1862B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1205	96.9	0.0	2.289E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CKV-FT-CV46B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1206	96.9	0.0	2.289E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CKV-FT-CV50, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1207	96.9	0.0	2.289E-010	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-FS-FW3B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1208	96.9	0.0	2.288E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-L1, NRAC200, A-L1W1-XHE-R-4
1209	96.9	0.0	2.284E-010	UNITY, LOSP, OEP-CCF-FS-DG13, FREQ-RHR2B, PROB-W2D6, DR-MT, DURATION-D6
1210	96.9	0.0	2.284E-010	UNITY, LOSP, OEP-CCF-FS-DG12, FREQ-RHR2B, PROB-W2D6, DR-MT, DURATION-D6
1211	96.9	0.0	2.284E-010	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FREQ-RHR4, FRAC-POS10, DURATION-R10, D-R4W4-XHE
1212	96.9	0.0	2.277E-010	UNITY, RHR-ASF-PG-1605, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1213	96.9	0.0	2.274E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-SIW1-XHE-C-18, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
1214	96.9	0.0	2.273E-010	UNITY, PROB-W4D6, DR-MT, DURATION-D6, FREQ-L2, NRAC455, D-L2W4-XHE
1215	96.9	0.0	2.270E-010	UNITY, CCW-MDP-FR-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9

Partition Cut Set Report

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Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006
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End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1216	96.9	0.0	2.270E-010	UNITY, LOOPISOLATED2R6, REFUEL, RHR-MDP-FR-B24HR, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
1217	97.0	0.0	2.270E-010	UNITY, LOOPISOLATED2R6, DCP-BAT-LP-BAT1A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
1218	97.0	0.0	2.268E-010	UNITY, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, A-R4W1-XHE-R-4, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1219	97.0	0.0	2.268E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, RHR-CCF-FS-MDPAB, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1220	97.0	0.0	2.262E-010	UNITY, CON-VFC-RP-COREM, ISR-CCF-FS-RS1AB, FREQ-CCW, OSR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
1221	97.0	0.0	2.261E-010	UNITY, REFUEL, DURATION-R6, SGB-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-C-8
1222	97.0	0.0	2.261E-010	UNITY, REFUEL, DURATION-R6, SGC-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-C-8
1223	97.0	0.0	2.261E-010	UNITY, REFUEL, DURATION-R6, SGA-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-C-8
1224	97.0	0.0	2.261E-010	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, D-R3W1-XHE, PROB-W1R6, /PZR-SV-REMOVEDW1
1225	97.0	0.0	2.261E-010	UNITY, LOSP, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
1226	97.0	0.0	2.260E-010	UNITY, CON-VFC-RP-COREM, PROB-RHR2A, RHR-ASF-PG-1605, OSR-TRA-MA, ISR-TRA-MA, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1227	97.0	0.0	2.256E-010	UNITY, REFUEL, HPR-MDP-FR-A18HR, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1228	97.0	0.0	2.256E-010	UNITY, RHR-ASF-PG-1605, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1229	97.0	0.0	2.245E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-VB-REC-W1, FREQ-VB

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1230	97.0	0.0	2.243E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FR-1B1HR, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1231	97.0	0.0	2.240E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CKV-FT-CV50, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1232	97.0	0.0	2.240E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CKV-FT-CV46B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1233	97.0	0.0	2.239E-010	UNITY, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1234	97.0	0.0	2.238E-010	UNITY, LPR-MOV-FT-1862B, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A1
1235	97.0	0.0	2.238E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, FREQ-L1, NRAC200, A-L1W1-XHE-R-4, R-L1W1-1-C
1236	97.0	0.0	2.236E-010	UNITY, HPI-CKV-OO-267U2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B1, NRAC200
1237	97.0	0.0	2.236E-010	UNITY, HPI-CKV-OO-276U2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B1, NRAC200
1238	97.0	0.0	2.228E-010	UNITY, REFUEL, LOFP, OEP-CCF-FS-DG123, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1239	97.1	0.0	2.223E-010	UNITY, ACP-BAC-ST-1J1, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1240	97.1	0.0	2.223E-010	UNITY, ACP-BAC-ST-4801J, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1241	97.1	0.0	2.223E-010	UNITY, ACP-BAC-ST-1J1-2, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1242	97.1	0.0	2.222E-010	UNITY, ACP-INV-NO-UPSA2, PPS-MOV-FT-1536, PORV-PATH-CLSD, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
1243	97.1	0.0	2.222E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1244	97.1	0.0	2.212E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, MSS-AOV-FC-101B, DURATION-R6, MSS-NRV-MA-101B, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
1245	97.1	0.0	2.212E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, MSS-AOV-FC-101C, DURATION-R6, MSS-NRV-MA-101C, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
1246	97.1	0.0	2.212E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, MSS-AOV-FC-101A, DURATION-R6, MSS-NRV-MA-101A, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
1247	97.1	0.0	2.209E-010	UNITY, ACP-BAC-ST-4801J, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1248	97.1	0.0	2.209E-010	UNITY, CPC-MDP-FR-SW10A, DCP-BDC-ST-BUS1B, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1249	97.1	0.0	2.209E-010	UNITY, LOSEP, OEP-DGN-FC-DG3U2, OEP-DGN-FS-DG01, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI, R-LOSP-DG01
1250	97.1	0.0	2.202E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, A-L2W1-XHE-S1-17, 2EH1L2
1251	97.1	0.0	2.196E-010	UNITY, CON-VFC-RP-COREM, OSR-MDP-FS-RS2A, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1252	97.1	0.0	2.191E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
1253	97.1	0.0	2.191E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG12, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
1254	97.1	0.0	2.191E-010	UNITY, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, PZR-SV-REMOVEDW1
1255	97.1	0.0	2.188E-010	UNITY, ACP-INV-NO-UPSA2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2, R-L2W1-13-C-C
1256	97.1	0.0	2.180E-010	UNITY, CCW-MDP-FS-CCP1B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-S2-17
1257	97.1	0.0	2.180E-010	UNITY, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-S2-17

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1258	97.1	0.0	2.179E-010	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-S1-8, R-A8W1R6-XHE-C
1259	97.1	0.0	2.174E-010	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, REFUEL, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1260	97.1	0.0	2.171E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV
1261	97.2	0.0	2.169E-010	UNITY, REFUEL, FREQ-CCW, LPR-CKV-FT-CV47, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1262	97.2	0.0	2.169E-010	UNITY, REFUEL, LPI-CKV-FT-CV50, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1263	97.2	0.0	2.168E-010	UNITY, ACP-CRB-CO-14J1, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1264	97.2	0.0	2.162E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W3D6, DR-MT, DURATION-D6, A-SIW3-XHE-FL-7, FREQ-SI
1265	97.2	0.0	2.162E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W3D6, DR-MT, DURATION-D6, A-SIW3-XHE-FL-7, FREQ-SI
1266	97.2	0.0	2.160E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-CC2A, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1267	97.2	0.0	2.154E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L2, D-L2W4-XHE, /NRAC455
1268	97.2	0.0	2.151E-010	UNITY, REFUEL, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, A-RAW1-XHE-C-9, PROB-W1R6A
1269	97.2	0.0	2.151E-010	UNITY, REFUEL, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, A-RAW1-XHE-C-9, PROB-W1R6A
1270	97.2	0.0	2.151E-010	UNITY, REFUEL, PROB-RHR2A, SAS-CCF-FR-SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
1271	97.2	0.0	2.148E-010	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, FIRE-PUMP, SOLAIR-COMP, A-L3W3-XHE-CW-4

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1272	97.2	0.0	2.146E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-CKV-FT-CV50, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1273	97.2	0.0	2.146E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-CKV-FT-CV46B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1274	97.2	0.0	2.145E-010	UNITY, CON-VFC-RP-COREM, ISR-MDP-FS-RS1A, OSR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
1275	97.2	0.0	2.140E-010	UNITY, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-S2-17
1276	97.2	0.0	2.135E-010	UNITY, CON-VFC-RP-COREM, RHR-CCF-FS-MDPAB, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1277	97.2	0.0	2.124E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-RHR4
1278	97.2	0.0	2.121E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LOSP, OEP-DGN-FC-DG3U2, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
1279	97.2	0.0	2.118E-010	UNITY, RHR-MDP-FS-RHR1A, CCW-LF-RHE2B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1280	97.2	0.0	2.118E-010	UNITY, RHR-MDP-FS-RHR1B, CCW-LF-RHE2A, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1281	97.2	0.0	2.117E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W3, PZR-SV-REMOVEDW3, PROB-W3R6, A-CCW3-XHE-FL-5
1282	97.2	0.0	2.112E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, DURATION-R6, FREQ-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
1283	97.2	0.0	2.109E-010	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, A-R3W2-XHE-C-8, A-R3W2-XHE-X
1284	97.3	0.0	2.106E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, FREQ-RHR3, PROB-W3D6, A-R3W3-XHE-S1-7, DR-MT, DURATION-D6
1285	97.3	0.0	2.095E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, SGA-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1286	97.3	0.0	2.095E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, SGB-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1287	97.3	0.0	2.090E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-XVM-PG-XV48, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1288	97.3	0.0	2.086E-010	UNITY, DCP-BAT-LP-BAT1B, PROB-RHR2A, RHR-MDP-FS-RHR1A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1289	97.3	0.0	2.085E-010	UNITY, PROB-RHR2A, CCW-LF-RHE2A, CCW-LF-RHE2B, DR-MT, A-RAW1-XHE-C-9, PROB-W1D6A, R-A3W1D6-XHE-C
1290	97.3	0.0	2.083E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1291	97.3	0.0	2.078E-010	UNITY, CON-VFC-RP-COREM, REFUEL, FREQ-CCW, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, SGB-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1
1292	97.3	0.0	2.078E-010	UNITY, CON-VFC-RP-COREM, REFUEL, FREQ-CCW, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, SGA-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1
1293	97.3	0.0	2.078E-010	UNITY, CON-VFC-RP-COREM, REFUEL, FREQ-CCW, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, SGC-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1
1294	97.3	0.0	2.075E-010	UNITY, CCW-LF-RHE2A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, R-L2W1-13-C-C
1295	97.3	0.0	2.072E-010	UNITY, HPI-MOV-FT-1115C, LOSP, OEP-DGN-FC-DG3U2, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
1296	97.3	0.0	2.072E-010	UNITY, HPI-MOV-FT-1115B, LOSP, OEP-DGN-FC-DG3U2, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
1297	97.3	0.0	2.072E-010	UNITY, LOSP, OEP-CRB-FT-15H3, OEP-DGN-FC-DG3U2, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
1298	97.3	0.0	2.069E-010	UNITY, LOSP, OEP-DGN-FC-DG3U2, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1299	97.3	0.0	2.062E-010	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1300	97.3	0.0	2.060E-010	UNITY, ACP-BAC-ST-4801J, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1301	97.3	0.0	2.060E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1302	97.3	0.0	2.058E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, A-VBW2-XHE-FL-19, H-VB-REC-W2, FREQ-VB
1303	97.3	0.0	2.056E-010	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-FS-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-A9
1304	97.3	0.0	2.050E-010	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI, R-W2D6-XHE-C-A9
1305	97.3	0.0	2.049E-010	UNITY, LPI-CCF-FS-SI1AB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3, R-W1D6-XHE-C-A3
1306	97.3	0.0	2.044E-010	UNITY, LOSEP, OEP-DGN-FR-DG01, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1, /NRAC262
1307	97.4	0.0	2.040E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI, R-W2D6-XHE-C-E1
1308	97.4	0.0	2.036E-010	UNITY, LOOPISOLATED2R6, REFUEL, PROB-RHR2A, RHR-CCF-FS-MDPAB, /PZR-SV-REMOVEDW2, A-RAW2-XHE-X, PROB-W2R6A, LPR-CCF-PG-SUMP2
1309	97.4	0.0	2.036E-010	UNITY, LOOPISOLATED2R6, HPI-CKV-FT-CV25, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1310	97.4	0.0	2.036E-010	UNITY, LOOPISOLATED2R6, HPI-CKV-FT-CV410, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1311	97.4	0.0	2.024E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, LPR-MOV-PG-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1312	97.4	0.0	2.016E-010	UNITY, ACP-BAC-ST-4801J, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1313	97.4	0.0	2.016E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1314	97.4	0.0	2.016E-010	UNITY, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-RAW1-XHE-C-9, A-RAW1-XHE-R-4, PROB-W1R6A
1315	97.4	0.0	2.015E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, CPC-CCF-LF-STR1, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1316	97.4	0.0	2.015E-010	UNITY, CPC-CCF-LF-STRAB, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1317	97.4	0.0	2.013E-010	UNITY, LOSEP, OEP-DGN-FR-DG03, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1318	97.4	0.0	2.013E-010	UNITY, LOSEP, OEP-DGN-FR-DG01, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1319	97.4	0.0	2.006E-010	UNITY, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, D-L3W4-XHE
1320	97.4	0.0	2.005E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1321	97.4	0.0	2.002E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-FR-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1322	97.4	0.0	1.999E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, AFW-MOV-MA-151A, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, 2EH1L2
1323	97.4	0.0	1.996E-010	UNITY, CPC-MDP-FR-SW10A, LOSEP, OEP-DGN-FS-DG03, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1324	97.4	0.0	1.993E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPI-MDP-FS-SI1B, FREQ-RHR2B, PROB-W3D6, DR-MT, DURATION-D6
1325	97.4	0.0	1.993E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPR-MOV-FT-1890B, FREQ-RHR2B, PROB-W3D6, DR-MT, DURATION-D6
1326	97.4	0.0	1.989E-010	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, A-RAW1-XHE-M-12, PROB-W1D6A, R-A3W1D6-XHE-C
1327	97.4	0.0	1.987E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC346, D-L2W3-XHE

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1328	97.4	0.0	1.980E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPR-MOV-PG-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1329	97.4	0.0	1.978E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, A-VBW1-XHE-C-18, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12, R-W1D6-XHE-C-A3
1330	97.4	0.0	1.975E-010	UNITY, LPR-MOV-FT-1862B, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, R-A1W1D6-XHE-C
1331	97.4	0.0	1.973E-010	UNITY, LOOPISOLATED2R6, DCP-BAT-LP-BAT1B, HPI-MDP-FR-1A6HR, REFUEL, PROB-RHR2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, /PZR-SV-REMOVEDW2, PROB-W2R6A
1332	97.5	0.0	1.968E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, R-E1W2D6-XHE-C
1333	97.5	0.0	1.966E-010	UNITY, RHR-CCF-FS-MDPAB, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1334	97.5	0.0	1.964E-010	UNITY, LOSP, OEP-CCF-FS-DG13, FREQ-RHR2B, PROB-W3D6, DR-MT, DURATION-D6
1335	97.5	0.0	1.962E-010	UNITY, DCP-BAT-LP-BAT1A, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1336	97.5	0.0	1.962E-010	UNITY, CCW-MDP-FR-CCP1B, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1337	97.5	0.0	1.962E-010	UNITY, REFUEL, RHR-MDP-FR-B24HR, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1338	97.5	0.0	1.956E-010	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-RHR5, LPR-CCF-PG-SUMP1
1339	97.5	0.0	1.956E-010	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-RHR5, LPR-CCF-PG-SUMP1
1340	97.5	0.0	1.955E-010	UNITY, ACP-INV-NO-UPSA2, CON-VFC-RP-COREM, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1341	97.5	0.0	1.954E-010	UNITY, CPC-MDP-FR-SW10A, DCP-BDC-ST-BUS1B, REFUEL, /PZR-SV-REMOVEDW4, CPC-MDP-MA0SW10B, PROB-W4R10, FRAC-POS10, DURATION-R10, H-SI-REC-W4, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1342	97.5	0.0	1.954E-010	UNITY, LOOPISOLATED2R6, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, A-CCW2-XHE-X, R-W2D6-XHE-C-A9
1343	97.5	0.0	1.952E-010	UNITY, ACP-BAC-ST-1J1, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1344	97.5	0.0	1.952E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1345	97.5	0.0	1.952E-010	UNITY, ACP-BAC-ST-4801J, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1346	97.5	0.0	1.952E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1347	97.5	0.0	1.952E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1348	97.5	0.0	1.952E-010	UNITY, ACP-BAC-ST-1J1-2, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1349	97.5	0.0	1.949E-010	UNITY, REFUEL, LOSEP, OEP-CRB-FT-15H3, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4
1350	97.5	0.0	1.949E-010	UNITY, ACP-CRB-CO-14J14, ACP-INV-NO-UPSB1, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1351	97.5	0.0	1.949E-010	UNITY, ACP-CRB-CO-14J11, ACP-INV-NO-UPSB1, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1352	97.5	0.0	1.949E-010	UNITY, ACP-CRB-CO-15J7, ACP-INV-NO-UPSB1, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1353	97.5	0.0	1.946E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, R-C1W1D6A-XHE-R
1354	97.5	0.0	1.938E-010	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-4KV
1355	97.5	0.0	1.938E-010	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1356	97.5	0.0	1.935E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-FS-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1357	97.6	0.0	1.932E-010	UNITY, ACP-BAC-ST-4801J, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1358	97.6	0.0	1.932E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BDC-ST-BUS1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1359	97.6	0.0	1.929E-010	UNITY, HPI-CKV-FT-CV25, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1360	97.6	0.0	1.929E-010	UNITY, HPI-CKV-FT-CV410, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1361	97.6	0.0	1.926E-010	UNITY, REFUEL, RHR-MDP-FR-B24HR, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
1362	97.6	0.0	1.924E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC346, /PROB-1HFAILED1L2, 2EH1L2, A-L2W3-XHE-R-4
1363	97.6	0.0	1.923E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CKV-FT-CV46B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
1364	97.6	0.0	1.923E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CKV-FT-CV50, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
1365	97.6	0.0	1.920E-010	UNITY, REFUEL, MSS-AOV-FC-101B, DURATION-R6, CCW-LF-RHE2A, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILED1L2, 2EH1L2
1366	97.6	0.0	1.920E-010	UNITY, REFUEL, MSS-AOV-FC-101C, DURATION-R6, CCW-LF-RHE2A, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILED1L2, 2EH1L2
1367	97.6	0.0	1.920E-010	UNITY, REFUEL, MSS-AOV-FC-101A, DURATION-R6, CCW-LF-RHE2A, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILED1L2, 2EH1L2
1368	97.6	0.0	1.917E-010	UNITY, REFUEL, MSS-AOV-FC-101B, SSHR-AOV-XHE-105, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1369	97.6	0.0	1.917E-010	UNITY, REFUEL, MSS-AOV-FC-101C, SSHR-AOV-XHE-105, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1370	97.6	0.0	1.917E-010	UNITY, REFUEL, MSS-AOV-FC-101A, SSHR-AOV-XHE-105, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1371	97.6	0.0	1.914E-010	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4, LPR-CCF-PG-SUMP2
1372	97.6	0.0	1.907E-010	UNITY, HPI-MDP-FS-CH2C, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B1, NRAC346, R-B1W3-23-AC
1373	97.6	0.0	1.905E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1374	97.6	0.0	1.904E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-CCF-FS-SI1AB, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1375	97.6	0.0	1.903E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-RHR4, D-R4W1-XHE
1376	97.6	0.0	1.902E-010	UNITY, LOSP, OEP-CRB-FT-15H3, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1377	97.6	0.0	1.902E-010	UNITY, LOSP, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1378	97.6	0.0	1.902E-010	UNITY, LOSP, OEP-CRB-FT-15J3, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1379	97.6	0.0	1.900E-010	UNITY, LOSP, OEP-DGN-FC-DG3U2, OEP-DGN-FS-DG01, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI, R-LOSP-DG01
1380	97.6	0.0	1.900E-010	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, /PZR-SV-REMOVEDW2, PROB-W2R6, CCW-AOV-XHE-109, FREQ-L2, NRAC262, 2EH1L2
1381	97.6	0.0	1.898E-010	UNITY, LOOPISOLATED2R6, HPI-MOV-FT-1115B, HPI-MOV-FT-1115D, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
1382	97.7	0.0	1.898E-010	UNITY, LOOPISOLATED2R6, HPI-MOV-FT-1115C, HPI-MOV-FT-1115E, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1383	97.7	0.0	1.892E-010	UNITY, REFUEL, LPR-MOV-PG-1890B, CCW-LF-RHE2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
1384	97.7	0.0	1.890E-010	UNITY, HPR-MDP-FR-A18HR, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1385	97.7	0.0	1.890E-010	UNITY, LOSP, OEP-CCF-FS-DG123, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6
1386	97.7	0.0	1.887E-010	UNITY, LOOPISOLATED2R6, HPI-CKV-FT-CV25, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1387	97.7	0.0	1.887E-010	UNITY, LOOPISOLATED2R6, HPI-CKV-FT-CV410, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1388	97.7	0.0	1.884E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPI-CCF-FS-SI1AB, PROB-RHR2A, DR-MT, PROB-W2D6A
1389	97.7	0.0	1.884E-010	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-R-4
1390	97.7	0.0	1.879E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SR, A-SRW1-XHE-RC-3
1391	97.7	0.0	1.873E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-SI-REC-W4, FREQ-SI
1392	97.7	0.0	1.872E-010	UNITY, REFUEL, LOSP, OEP-DGN-FS-DG03, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-RHR5
1393	97.7	0.0	1.872E-010	UNITY, LOSP, OEP-CCF-FS-DG123, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV
1394	97.7	0.0	1.871E-010	UNITY, REFUEL, LOSP, OEP-DGN-FR-DG03, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A
1395	97.7	0.0	1.871E-010	UNITY, REFUEL, LOSP, OEP-DGN-FR-DG01, PROB-RHR2A, /PZR-SV-REMOVEDW1, PROB-W1R6A
1396	97.7	0.0	1.866E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L2
1397	97.7	0.0	1.857E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, /PZR-SV-REMOVEDW1, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-S2-17
1398	97.7	0.0	1.855E-010	UNITY, SGA-DRAINED-R, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1399	97.7	0.0	1.855E-010	UNITY, SGB-DRAINED-R, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4
1400	97.7	0.0	1.855E-010	UNITY, REFUEL, LOSEP, OEP-DGN-FS-DG03, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-4KV
1401	97.7	0.0	1.853E-010	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI, R-W2D6-XHE-C-A9
1402	97.7	0.0	1.848E-010	UNITY, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-RAW1-XHE-M-12, PROB-W1R6A, LPR-CCF-PG-SUMP1
1403	97.7	0.0	1.846E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, SGA-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1404	97.7	0.0	1.846E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, SGC-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1405	97.7	0.0	1.846E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, SGA-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1406	97.7	0.0	1.846E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, SGB-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1407	97.7	0.0	1.846E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, SGC-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1408	97.8	0.0	1.846E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, SGB-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1409	97.8	0.0	1.845E-010	UNITY, CON-VFC-RP-COREM, SWS-CCF-FT-3ABCD, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1410	97.8	0.0	1.844E-010	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW3, PROB-W3R6, D-R3W3-XHE
1411	97.8	0.0	1.834E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-RHR5, A-R5W1-XHE-R-4, LPR-CCF-PG-SUMP1
1412	97.8	0.0	1.832E-010	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1413	97.8	0.0	1.828E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2, R-A7W2R6-XHE-C
1414	97.8	0.0	1.827E-010	UNITY, ACP-CRB-CO-15J7, HPI-MOV-FT-1115B, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1415	97.8	0.0	1.827E-010	UNITY, ACP-CRB-CO-15J7, HPI-MOV-FT-1115C, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1416	97.8	0.0	1.825E-010	UNITY, ACP-TFM-NO-1H1, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1417	97.8	0.0	1.825E-010	UNITY, ACP-TFM-NO-1H1, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1418	97.8	0.0	1.824E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR3, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1419	97.8	0.0	1.823E-010	UNITY, LOSP, CEP-DGN-FR-DG01, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6
1420	97.8	0.0	1.822E-010	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CCW-AOV-XHE-109, FREQ-L3, NRAC455, /PROB-1HFAILEDL3
1421	97.8	0.0	1.822E-010	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1422	97.8	0.0	1.822E-010	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1423	97.8	0.0	1.820E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW3, PROB-W3R6A
1424	97.8	0.0	1.819E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, A-SIW1-XHE-S2-17
1425	97.8	0.0	1.818E-010	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
1426	97.8	0.0	1.818E-010	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1427	97.8	0.0	1.817E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-4KV, A-4KW1-XHE-R-3
1428	97.8	0.0	1.814E-010	UNITY, REFUEL, LPI-CCF-FS-S11AB, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-S1-8
1429	97.8	0.0	1.810E-010	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1430	97.8	0.0	1.808E-010	UNITY, PROB-RHR2A, RHR-ASF-PG-1605, DR-MT, A-RAW1-XHE-C-9, PROB-W1D6A, R-A3W1D6-XHE-C
1431	97.8	0.0	1.808E-010	UNITY, HPI-CKV-FT-CV25, LPI-MDP-FS-S11B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1432	97.8	0.0	1.808E-010	UNITY, HPI-CKV-FT-CV410, LPI-MDP-FS-S11B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1433	97.8	0.0	1.807E-010	UNITY, ACP-CRB-CO-14H15, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1434	97.8	0.0	1.807E-010	UNITY, ACP-CRB-CO-15H7, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1435	97.9	0.0	1.807E-010	UNITY, REFUEL, FREQ-CCW, DURATION-R6, MSS-NRV-MA-101A, MSS-AOV-MA-101A, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1436	97.9	0.0	1.807E-010	UNITY, REFUEL, FREQ-CCW, DURATION-R6, MSS-NRV-MA-101C, MSS-AOV-MA-101C, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1437	97.9	0.0	1.807E-010	UNITY, REFUEL, FREQ-CCW, DURATION-R6, MSS-NRV-MA-101B, MSS-AOV-MA-101B, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1438	97.9	0.0	1.806E-010	UNITY, CPC-MDP-FS-2CC2A, PROB-W4D6, DR-MT, DURATION-D6, FREQ-B1, NRAC455
1439	97.9	0.0	1.800E-010	UNITY, REFUEL, SGS-DRAINED-R, FREQ-CCW, LPI-MDP-FS-S11B, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1
1440	97.9	0.0	1.798E-010	UNITY, RHR-MDP-FS-RHR1B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, R-W1D6-XHE-C-A3
1441	97.9	0.0	1.797E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, /PROB-1HFAILEDL3

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1442	97.9	0.0	1.793E-010	UNITY, LPI-CCF-FS-SI1AB, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1443	97.9	0.0	1.793E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
1444	97.9	0.0	1.789E-010	UNITY, CPC-MDP-FS-SW20A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B1, NRAC200, R-B1W1-3-C
1445	97.9	0.0	1.788E-010	UNITY, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, R-A7W2R6-XHE-C
1446	97.9	0.0	1.787E-010	UNITY, REFUEL, LOSEP, OEP-DGN-FS-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4, R-LOSEP-DG01
1447	97.9	0.0	1.785E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, A-L2W1-XHE-R-4, R-L2W1-13-C-C
1448	97.9	0.0	1.784E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, H-SI-REC-W2, FREQ-SI, R-W2D6-XHE-C-A9
1449	97.9	0.0	1.776E-010	UNITY, REFUEL, DURATION-R6, SGA-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-R-12
1450	97.9	0.0	1.776E-010	UNITY, REFUEL, DURATION-R6, SGB-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-R-12
1451	97.9	0.0	1.776E-010	UNITY, REFUEL, DURATION-R6, SGC-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-R-12
1452	97.9	0.0	1.776E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, CCW-LF-RHE2B, PZR-SV-REMOVEDW3, PROB-W3R6, H-SI-REC-W3, FREQ-SI
1453	97.9	0.0	1.769E-010	UNITY, REFUEL, FREQ-RHR3, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, D-R3W4-XHE
1454	97.9	0.0	1.761E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, A-VBW1-XHE-FL-19, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1455	97.9	0.0	1.759E-010	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, R-W2D6-XHE-C-A9
1456	97.9	0.0	1.758E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, A-L3W1-XHE-CW-4, A-L3W1-XHE-S1-17
1457	97.9	0.0	1.753E-010	UNITY, LPI-MDP-FS-SI1B, RHR-XVM-PG-XV2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1458	97.9	0.0	1.753E-010	UNITY, LPI-MDP-FS-SI1B, RHR-XVM-PG-XV6, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1459	97.9	0.0	1.752E-010	UNITY, ACP-INV-NO-UPSB1, PROB-RHR2A, ACP-BAC-MA-1J1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1460	97.9	0.0	1.752E-010	UNITY, ACP-INV-NO-UPSB1, PROB-RHR2A, ACP-BAC-MA-1J1-2, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1461	97.9	0.0	1.750E-010	UNITY, FREQ-CCW, LPR-CCF-FT-863AB, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
1462	98.0	0.0	1.748E-010	UNITY, ACP-CRB-CO-111, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1463	98.0	0.0	1.748E-010	UNITY, ACP-CRB-CO-11135, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1464	98.0	0.0	1.746E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-L1, NRAC262, A-L1W2-XHE-R-4
1465	98.0	0.0	1.744E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPR-MOV-PG-1890B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
1466	98.0	0.0	1.744E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, CCW-LF-RHE2A, CCW-LF-RHE2B, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1467	98.0	0.0	1.743E-010	UNITY, REFUEL, DURATION-R6, SGA-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
1468	98.0	0.0	1.743E-010	UNITY, REFUEL, DURATION-R6, SGB-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1469	98.0	0.0	1.743E-010	UNITY, REFUEL, DURATION-R6, SGC-DRAINED-R, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
1470	98.0	0.0	1.737E-010	UNITY, CPC-MDP-FS-SW20A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-B1, NRAC346
1471	98.0	0.0	1.736E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1472	98.0	0.0	1.736E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, REFUEL, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1473	98.0	0.0	1.736E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, REFUEL, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1474	98.0	0.0	1.736E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1475	98.0	0.0	1.730E-010	UNITY, ACP-BAC-ST-4801J, CPC-MDP-FR-SW10A, REFUEL, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
1476	98.0	0.0	1.730E-010	UNITY, CPC-MDP-FR-SW10A, DCP-BDC-ST-BUS1B, REFUEL, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
1477	98.0	0.0	1.730E-010	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
1478	98.0	0.0	1.730E-010	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
1479	98.0	0.0	1.730E-010	UNITY, ACP-INV-NO-UPSA2, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, A-4KW2-XHE-S2-17, R-W2D6-XHE-C-A9
1480	98.0	0.0	1.728E-010	UNITY, LOOPISOLATED2R6, REFUEL, LPR-MOV-PG-1890B, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1481	98.0	0.0	1.726E-010	UNITY, ACP-BAC-ST-1H1-1, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1482	98.0	0.0	1.726E-010	UNITY, ACP-BAC-ST-1H1, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1483	98.0	0.0	1.726E-010	UNITY, ACP-BAC-ST-1H1, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1484	98.0	0.0	1.723E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L3, NRAC455, /PROB-1HFAILEDL3
1485	98.0	0.0	1.719E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, PROB-1HFAILEDL3
1486	98.0	0.0	1.718E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FR-1B1HR, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1487	98.0	0.0	1.716E-010	UNITY, CPC-MDP-FR-SW10A, LOSEP, OEP-DGN-FS-DG03, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
1488	98.0	0.0	1.715E-010	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC455, /PROB-1HFAILEDL3, A-L3W4-XHE-R-5
1489	98.0	0.0	1.715E-010	UNITY, REFUEL, HPI-XVM-PG-XV24, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1490	98.1	0.0	1.713E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W2-XHE-R-4, /NRAC262
1491	98.1	0.0	1.710E-010	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, LPI-CKV-FT-CV50, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1492	98.1	0.0	1.710E-010	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, LPI-CKV-FT-CV46B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1493	98.1	0.0	1.708E-010	UNITY, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-9, FREQ-SI, R-W1D6-XHE-C-A3
1494	98.1	0.0	1.704E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW2, PROB-W2R6A
1495	98.1	0.0	1.703E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LOSEP, OEP-DGN-FC-DG3U2, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1496	98.1	0.0	1.703E-010	UNITY, HPR-MDP-FR-A18HR, ISR-MDP-FS-RS1A, OSR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1497	98.1	0.0	1.702E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, A-R3W4-XHE-FL-7
1498	98.1	0.0	1.701E-010	UNITY, LPI-MDP-FS-SI1B, RHR-MDP-FS-RHR1B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1499	98.1	0.0	1.699E-010	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1500	98.1	0.0	1.699E-010	UNITY, ACP-BAC-ST-1H1-1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1501	98.1	0.0	1.699E-010	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, HPI-MOV-FT-1115C, REFUEL, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1502	98.1	0.0	1.699E-010	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, HPI-MOV-FT-1115B, REFUEL, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1503	98.1	0.0	1.699E-010	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1504	98.1	0.0	1.699E-010	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1505	98.1	0.0	1.698E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW4, PROB-W4R6, D-SIW4-XHE, FREQ-SI
1506	98.1	0.0	1.697E-010	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, PROB-RHR2A, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6A, R-A7W2R6-XHE-C
1507	98.1	0.0	1.694E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW2, PROB-W2R6
1508	98.1	0.0	1.694E-010	UNITY, ACP-CRB-CO-14H15, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1509	98.1	0.0	1.694E-010	UNITY, ACP-CRB-CO-14H15, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1510	98.1	0.0	1.694E-010	UNITY, ACP-CRB-CO-15H7, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1511	98.1	0.0	1.694E-010	UNITY, ACP-CRB-CO-15H7, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1512	98.1	0.0	1.694E-010	UNITY, ACP-CRB-CO-14H14, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1513	98.1	0.0	1.693E-010	UNITY, REFUEL, LOBP, OEP-CRB-FT-15H3, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, /NRAC262
1514	98.1	0.0	1.692E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, CCW-AOV-XHE-109, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
1515	98.1	0.0	1.692E-010	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, RHR-SRV-CO-1721, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1516	98.1	0.0	1.687E-010	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, CCW-SO-RV118, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1517	98.1	0.0	1.687E-010	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, CCW-SO-RV121, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1518	98.1	0.0	1.684E-010	UNITY, REFUEL, DURATION-R6, PROB-W2R6, FREQ-SR, A-SRW2-XHE-RC-3
1519	98.2	0.0	1.681E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW3, PROB-W3R6
1520	98.2	0.0	1.677E-010	UNITY, FREQ-RHR2B, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1521	98.2	0.0	1.677E-010	UNITY, FREQ-RHR2B, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1522	98.2	0.0	1.675E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
1523	98.2	0.0	1.674E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FREQ-RHR4, FRAC-POS10, DURATION-R10
1524	98.2	0.0	1.672E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1525	98.2	0.0	1.670E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, A-SIW2-XHE-FL-19, H-SI-REC-W2, FREQ-SI
1526	98.2	0.0	1.670E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, A-SIW2-XHE-FL-19, H-SI-REC-W2, FREQ-SI, A-SIW2-XHE-R-12
1527	98.2	0.0	1.666E-010	UNITY, LOOPISOLATED2R6, REFUEL, OEP-BAC-ST-FDRF, OEP-DGN-FS-DG01, PROB-RHR2A, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6A
1528	98.2	0.0	1.665E-010	UNITY, REFUEL, LOSP, OEP-DGN-FC-DG3U2, DURATION-R6, FREQ-RHR2B, PROB-W1R6, /PZR-SV-REMOVEDW1
1529	98.2	0.0	1.663E-010	UNITY, REFUEL, FREQ-CCW, DURATION-R6, SGA-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-C-9
1530	98.2	0.0	1.663E-010	UNITY, REFUEL, FREQ-CCW, DURATION-R6, SGC-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-C-9
1531	98.2	0.0	1.663E-010	UNITY, REFUEL, FREQ-CCW, DURATION-R6, SGB-DRAINED-R, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-C-9
1532	98.2	0.0	1.663E-010	UNITY, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, D-CCW1-XHE
1533	98.2	0.0	1.661E-010	UNITY, ACP-CRB-CO-14J1, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1534	98.2	0.0	1.659E-010	UNITY, REFUEL, HPR-MDP-FR-A18HR, FREQ-CCW, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1535	98.2	0.0	1.658E-010	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-S2-17
1536	98.2	0.0	1.658E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1537	98.2	0.0	1.657E-010	UNITY, HPI-MOV-FT-1115C, REFUEL, LOSP, OEP-DGN-FC-DG3U2, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1538	98.2	0.0	1.657E-010	UNITY, HPI-MOV-FT-1115B, REFUEL, LOSP, OEP-DGN-FC-DG3U2, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
1539	98.2	0.0	1.657E-010	UNITY, REFUEL, LOSP, OEP-CRB-FT-15H3, OEP-DGN-FC-DG3U2, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
1540	98.2	0.0	1.652E-010	UNITY, REFUEL, MSS-AOV-FC-101B, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILED12, A-L2W1-XHE-R-4, 2EH1L2
1541	98.2	0.0	1.652E-010	UNITY, REFUEL, MSS-AOV-FC-101C, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILED12, A-L2W1-XHE-R-4, 2EH1L2
1542	98.2	0.0	1.652E-010	UNITY, REFUEL, MSS-AOV-FC-101A, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILED12, A-L2W1-XHE-R-4, 2EH1L2
1543	98.2	0.0	1.647E-010	UNITY, LPI-MDP-FR-1B6HR, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1544	98.2	0.0	1.647E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV, A-4KW3-XHE-FL-13
1545	98.2	0.0	1.645E-010	UNITY, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
1546	98.2	0.0	1.641E-010	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1547	98.2	0.0	1.640E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, CCW-LF-RHE2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1548	98.3	0.0	1.639E-010	UNITY, ACP-BAC-ST-4KV1J, SAS-CPS-FR-2SAC1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1549	98.3	0.0	1.639E-010	UNITY, ACP-BAC-ST-1J1-2, SAS-CPS-FR-1SAC1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1550	98.3	0.0	1.639E-010	UNITY, ACP-BAC-ST-4KV1J, SAS-CPS-FR-1SAC1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1551	98.3	0.0	1.639E-010	UNITY, ACP-BAC-ST-1J1-2, SAS-CPS-FR-2SAC1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1552	98.3	0.0	1.639E-010	UNITY, ACP-BAC-ST-1J1, SAS-CPS-FR-1SAC1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1553	98.3	0.0	1.639E-010	UNITY, ACP-BAC-ST-1J1, SAS-CPS-FR-2SAC1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1554	98.3	0.0	1.632E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PPS-MOV-FT-1536, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, PORV-PATH-CLSD, DR-MT, DURATION-D6
1555	98.3	0.0	1.631E-010	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6, R-W2D6-XHE-C-A9
1556	98.3	0.0	1.629E-010	UNITY, DCP-BAT-LP-BAT1B, CCW-LF-RHE2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1557	98.3	0.0	1.627E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1558	98.3	0.0	1.627E-010	UNITY, ACP-BAC-ST-4KV1H, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1559	98.3	0.0	1.627E-010	UNITY, ACP-BAC-ST-4KV1H, LPR-MOV-FT-1890B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1560	98.3	0.0	1.627E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1561	98.3	0.0	1.627E-010	UNITY, ACP-BAC-ST-4KV1H, CCW-MDP-FS-CCP1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1562	98.3	0.0	1.627E-010	UNITY, ACP-BAC-ST-4KV1H, PROB-RHR2A, RHR-MDP-FS-RHR1B, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1563	98.3	0.0	1.627E-010	UNITY, IAS-CCF-LF-INAIR, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1564	98.3	0.0	1.627E-010	UNITY, ACP-BAC-ST-VB1II, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1565	98.3	0.0	1.627E-010	UNITY, ACP-BAC-ST-V1III, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1566	98.3	0.0	1.627E-010	UNITY, DCP-BDC-ST-BUS1B, PROB-RHR2A, RHR-MDP-FS-RHR1A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1567	98.3	0.0	1.627E-010	UNITY, ACP-BAC-ST-4KV1J, PROB-RHR2A, RHR-MDP-FS-RHR1A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1568	98.3	0.0	1.627E-010	UNITY, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, MSS-AOV-FC-101A, DURATION-R6, MSS-NRV-MA-101A, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1
1569	98.3	0.0	1.627E-010	UNITY, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, MSS-AOV-FC-101C, DURATION-R6, MSS-NRV-MA-101C, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1
1570	98.3	0.0	1.627E-010	UNITY, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, MSS-AOV-FC-101B, DURATION-R6, MSS-NRV-MA-101B, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1
1571	98.3	0.0	1.625E-010	UNITY, LOSEP, OEP-CCF-FS-DG123, PROB-W3D6, FREQ-RHR5, DR-MT, DURATION-D6
1572	98.3	0.0	1.625E-010	UNITY, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-RHR2A, ACP-BAC-MA-1H1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1573	98.3	0.0	1.621E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-B1, NRAC200, R-B1W1-123-C-C
1574	98.3	0.0	1.615E-010	UNITY, CON-VFC-RP-COREM, FREQ-CCW, OSR-MDP-FS-RS2A, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
1575	98.3	0.0	1.613E-010	UNITY, DCP-BAT-LP-BAT1B, CCW-LF-RHE2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1576	98.3	0.0	1.612E-010	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2, R-L2W2-13-C-C
1577	98.3	0.0	1.612E-010	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-MA-CCP1B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-E1
1578	98.4	0.0	1.610E-010	UNITY, LOSEP, OEP-CCF-FS-DG123, PROB-W3D6, DR-MT, DURATION-D6, FREQ-4KV
1579	98.4	0.0	1.610E-010	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1580	98.4	0.0	1.610E-010	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
1581	98.4	0.0	1.610E-010	UNITY, ACP-BAC-ST-1H1-1, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1582	98.4	0.0	1.610E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A, R-A3W1D6-XHE-C
1583	98.4	0.0	1.606E-010	UNITY, LOSP, OEP-DGN-FC-DG3U2, OEP-DGN-FR-DG01, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1584	98.4	0.0	1.605E-010	UNITY, LOSP, OEP-DGN-FS-DG03, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1585	98.4	0.0	1.605E-010	UNITY, LOSP, OEP-DGN-FS-DG01, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1586	98.4	0.0	1.603E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPR-CCF-FT-390AB, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
1587	98.4	0.0	1.603E-010	UNITY, REFUEL, FREQ-CCW, LPR-MOV-FT-1862B, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-S1-8, R-W1R6-XHE-C-A11
1588	98.4	0.0	1.598E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, ISR-MDP-FS-RS1A, DURATION-R6, OSR-TRA-MA, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, R-A7W2R6-XHE-C
1589	98.4	0.0	1.596E-010	UNITY, ACP-INV-NO-UPSA2, SGA-DRAINED-R, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV, A-4KW3-XHE-FL-13
1590	98.4	0.0	1.596E-010	UNITY, ACP-INV-NO-UPSA2, SGB-DRAINED-R, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV, A-4KW3-XHE-FL-13
1591	98.4	0.0	1.594E-010	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, PPS-MOV-FT-1536, DURATION-R6, FREQ-RHR3, PORV-PATH-CLSD, /PZR-SV-REMOVEDW2, PROB-W2R6
1592	98.4	0.0	1.593E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12, A-VBW1-XHE-S2-17
1593	98.4	0.0	1.593E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, PPS-MOV-FT-1536, DURATION-R6, CCW-LF-RHE2B, PORV-PATH-CLSD, /PZR-SV-REMOVEDW2, PROB-W2R6, H-SI-REC-W2, FREQ-SI
1594	98.4	0.0	1.591E-010	UNITY, ACP-CRB-CO-15J7, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1595	98.4	0.0	1.588E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L3, NRAC455, /PROB-1HFAILEDL3
1596	98.4	0.0	1.587E-010	UNITY, LOSP, OEP-CRB-FT-15H3, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI, R-W2D6-XHE-C-A9
1597	98.4	0.0	1.586E-010	UNITY, HPI-CKV-FT-CV25, REFUEL, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
1598	98.4	0.0	1.586E-010	UNITY, HPI-CKV-FT-CV410, REFUEL, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
1599	98.4	0.0	1.583E-010	UNITY, HPI-CCF-FT-115BD, LPI-MDP-FS-SI1B, PROB-RHR2A, SGA-DRAINED-R, DR-MT, PROB-W2D6A
1600	98.4	0.0	1.583E-010	UNITY, HPI-CCF-FT-115BD, LPI-MDP-FS-SI1B, PROB-RHR2A, SGB-DRAINED-R, DR-MT, PROB-W2D6A
1601	98.4	0.0	1.582E-010	UNITY, LPI-CCF-FS-SI1AB, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1602	98.4	0.0	1.578E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, CPC-CCF-LF-STR1, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1603	98.4	0.0	1.578E-010	UNITY, CPC-CCF-LF-STRAB, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1604	98.4	0.0	1.577E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1605	98.4	0.0	1.577E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-RHR4, D-R4W3-XHE
1606	98.4	0.0	1.575E-010	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1607	98.4	0.0	1.575E-010	UNITY, ACP-BAC-ST-1H1-1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1608	98.4	0.0	1.575E-010	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1609	98.5	0.0	1.575E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-14
1610	98.5	0.0	1.574E-010	UNITY, CPC-MDP-FS-SW20A, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262
1611	98.5	0.0	1.573E-010	UNITY, REFUEL, PROB-RHR2A, RHR-SRV-CO-1721, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
1612	98.5	0.0	1.572E-010	UNITY, LPI-MDP-FS-SI1B, FREQ-RHR2B, PROB-W1D6, A-RBW1-XHE-R-4, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1613	98.5	0.0	1.572E-010	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1614	98.5	0.0	1.572E-010	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1615	98.5	0.0	1.572E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1616	98.5	0.0	1.572E-010	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1617	98.5	0.0	1.571E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1618	98.5	0.0	1.568E-010	UNITY, REFUEL, PROB-RHR2A, CCW-SO-RV118, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
1619	98.5	0.0	1.568E-010	UNITY, REFUEL, PROB-RHR2A, CCW-SO-RV121, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
1620	98.5	0.0	1.567E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-RHR5
1621	98.5	0.0	1.565E-010	UNITY, LOOPISOLATED2R6, REFUEL, PROB-RHR2A, CCW-LF-RHE2A, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, A-RAW2-XHE-X, PROB-W2R6A, LPR-CCF-PG-SUMP2
1622	98.5	0.0	1.561E-010	UNITY, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
1623	98.5	0.0	1.560E-010	UNITY, LOSEP, OEP-CCF-FS-DG123, PROB-W4D6, DR-MT, DURATION-D6, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1624	98.5	0.0	1.559E-010	UNITY, HPI-MOV-FT-1115B, LO SP, OEP-DGN-FS-DG03, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1625	98.5	0.0	1.559E-010	UNITY, LO SP, OEP-CRB-FT-15H3, OEP-DGN-FS-DG03, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1626	98.5	0.0	1.559E-010	UNITY, HPI-MOV-FT-1115C, LO SP, OEP-DGN-FS-DG03, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1627	98.5	0.0	1.553E-010	UNITY, REFUEL, LO SP, OEP-CCF-FS-DG13, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-4KV
1628	98.5	0.0	1.552E-010	UNITY, REFUEL, LPR-MOV-FT-1860B, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, R-W1R6-XHE-C-A11
1629	98.5	0.0	1.552E-010	UNITY, REFUEL, LO SP, OEP-DGN-FS-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, /NRAC262, R-LO SP-DG01
1630	98.5	0.0	1.547E-010	UNITY, HPI-MDP-FR-1A6HR, MSS-AOV-FC-101A, MSS-NRV-MA-101A, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1631	98.5	0.0	1.547E-010	UNITY, HPI-MDP-FR-1A6HR, MSS-AOV-FC-101B, MSS-NRV-MA-101B, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1632	98.5	0.0	1.546E-010	UNITY, REFUEL, PROB-RHR2A, SGA-DRAINED-R, /PZR-SV-REMOVEDW1, A-RAW1-XHE-R-4, PROB-W1R6A, LPR-CCF-PG-SUMP1
1633	98.5	0.0	1.546E-010	UNITY, REFUEL, PROB-RHR2A, SGB-DRAINED-R, /PZR-SV-REMOVEDW1, A-RAW1-XHE-R-4, PROB-W1R6A, LPR-CCF-PG-SUMP1
1634	98.5	0.0	1.546E-010	UNITY, REFUEL, PROB-RHR2A, SGC-DRAINED-R, /PZR-SV-REMOVEDW1, A-RAW1-XHE-R-4, PROB-W1R6A, LPR-CCF-PG-SUMP1
1635	98.5	0.0	1.539E-010	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1636	98.5	0.0	1.539E-010	UNITY, ACP-BAC-ST-4801J, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1637	98.5	0.0	1.539E-010	UNITY, LOOPISOLATED2R6, DCP-BDC-ST-BUS1B, HPI-MDP-FR-1A6HR, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1638	98.5	0.0	1.536E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, PROB-W1R6, PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2

Partition Cut Set Report

Family->RHRMODEL

End State ->CD

Mincut Upper Bound -> 4.868E-006

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1639	98.5	0.0	1.534E-010	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A, R-A7W2R6-XHE-C
1640	98.6	0.0	1.533E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, CCW-AOV-XHE-109, FREQ-L2, NRAC262, /PROB-1HFAILEDL2, 2EH1L2
1641	98.6	0.0	1.528E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1642	98.6	0.0	1.523E-010	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, RHR-CCF-FS-MDPAB, DR-MT, PROB-W1D6A, R-A1W1D6-XHE-C
1643	98.6	0.0	1.519E-010	UNITY, REFUEL, LOSEP, OEP-DGN-FC-DG3U2, OEP-DGN-FS-DG01, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI, R-LOSEP-DG01
1644	98.6	0.0	1.518E-010	UNITY, CCW-AOV-PG-109B, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1645	98.6	0.0	1.518E-010	UNITY, CCW-XMV-PG-CC100, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1646	98.6	0.0	1.518E-010	UNITY, CCW-XMV-PG-CC220, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1647	98.6	0.0	1.517E-010	UNITY, REFUEL, LOSEP, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1648	98.6	0.0	1.516E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, PZR-SV-REMOVEDW1, FREQ-B1, NRAC200
1649	98.6	0.0	1.516E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW2, PROB-W2R6A, R-C1W1D6A-XHE-R
1650	98.6	0.0	1.512E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, RHR-ASF-PG-1605, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1651	98.6	0.0	1.512E-010	UNITY, ACP-BAC-ST-VB111, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
1652	98.6	0.0	1.512E-010	UNITY, ACP-BAC-ST-V1111, REFUEL, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1653	98.6	0.0	1.511E-010	UNITY, FREQ-RHR2B, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1654	98.6	0.0	1.510E-010	UNITY, REFUEL, LOSEP, OEP-CRB-FT-15H3, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
1655	98.6	0.0	1.509E-010	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, LPR-MOV-FT-1890B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1656	98.6	0.0	1.509E-010	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1657	98.6	0.0	1.509E-010	UNITY, ACP-BAC-ST-1H1-1, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1658	98.6	0.0	1.504E-010	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455, A-B1W4-XHE-2CH-5
1659	98.6	0.0	1.500E-010	UNITY, HPI-CKV-FT-CV410, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1660	98.6	0.0	1.500E-010	UNITY, HPI-CKV-FT-CV25, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1661	98.6	0.0	1.496E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, SGS-DRAINED-R, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
1662	98.6	0.0	1.485E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R6
1663	98.6	0.0	1.484E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, FREQ-L3, A-L3W1-XHE-R-4, /NRAC200
1664	98.6	0.0	1.476E-010	UNITY, LPR-MOV-FT-1860B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3, R-W1D6-XHE-C-A2
1665	98.6	0.0	1.475E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-FR-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1666	98.6	0.0	1.474E-010	UNITY, REFUEL, MSS-AOV-FC-101B, DURATION-R6, CIR-COND-UNAVLBL, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1667	98.6	0.0	1.474E-010	UNITY, REFUEL, MSS-AOV-FC-101C, DURATION-R6, CIR-COND-UNAVLBL, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1668	98.6	0.0	1.474E-010	UNITY, REFUEL, MSS-AOV-FC-101A, DURATION-R6, CIR-COND-UNAVLBL, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
1669	98.6	0.0	1.474E-010	UNITY, LOSEP, PROB-RHR2A, DR-MT, A-RAW2-XHE-X, PROB-W2D6A, LPR-CCF-PG-SUMP2
1670	98.6	0.0	1.468E-010	UNITY, ACP-BAC-ST-4KV1H, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1671	98.6	0.0	1.464E-010	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, LPR-CCF-FT-890AB, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1672	98.7	0.0	1.464E-010	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, REFUEL, PROB-RHR2A, AFW-MOV-MA-151A, /PZR-SV-REMOVEDW1, PROB-W1R6A
1673	98.7	0.0	1.464E-010	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, REFUEL, PROB-RHR2A, AFW-MOV-MA-151A, /PZR-SV-REMOVEDW1, PROB-W1R6A
1674	98.7	0.0	1.464E-010	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, REFUEL, PROB-RHR2A, AFW-MOV-MA-151A, /PZR-SV-REMOVEDW1, PROB-W1R6A
1675	98.7	0.0	1.463E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-SI-REC-W4, FREQ-SI
1676	98.7	0.0	1.463E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-SI-REC-W4, FREQ-SI
1677	98.7	0.0	1.458E-010	UNITY, REFUEL, LPR-MOV-FT-1860B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L1, A-L1W1-XHE-R-4, /NRAC200
1678	98.7	0.0	1.458E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L1, A-L1W1-XHE-R-4, /NRAC200
1679	98.7	0.0	1.458E-010	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1680	98.7	0.0	1.457E-010	UNITY, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, 2EH1-1, DR-MT, PROB-W2D6A, LPR-CCF-PG-SUMP2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1681	98.7	0.0	1.457E-010	UNITY, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, 2EH1-1, DR-MT, PROB-W2D6A, LPR-CCF-PG-SUMP2
1682	98.7	0.0	1.457E-010	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-9, FREQ-SI, R-W1D6-XHE-C-A3
1683	98.7	0.0	1.457E-010	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-9, FREQ-SI, R-W1D6-XHE-C-A3
1684	98.7	0.0	1.457E-010	UNITY, SAS-CCF-FR-SAC1, IAS-CPS-FS-IAC-1, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1685	98.7	0.0	1.456E-010	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, R-W2D6-XHE-C-E1
1686	98.7	0.0	1.455E-010	UNITY, LOSEP, OEP-DGN-FS-DG01, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI, R-W2D6-XHE-C-A9, R-LOSP-DG01
1687	98.7	0.0	1.454E-010	UNITY, CCW-MDP-MA-CCP1B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV, A-4KW1-XHE-S2-17
1688	98.7	0.0	1.452E-010	UNITY, PROB-W3D6, DR-MT, DURATION-D6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4, A-L3-XHE-S
1689	98.7	0.0	1.449E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, /PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L2, NRAC346, /PROB-1HFAILEDL2, 2EH1L2
1690	98.7	0.0	1.448E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-S2-17
1691	98.7	0.0	1.448E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-S2-17
1692	98.7	0.0	1.442E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-L2, NRAC262, PROB-1HFAILEDL2, A-L2W2-XHE-R-4
1693	98.7	0.0	1.439E-010	UNITY, HPI-CKV-FT-CV25, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1694	98.7	0.0	1.439E-010	UNITY, HPI-CKV-FT-CV410, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1695	98.7	0.0	1.439E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, A-VBW2-XHE-FL-19, H-VB-REC-W2, FREQ-VB, A-VBW2-XHE-R-12
1696	98.7	0.0	1.430E-010	UNITY, CPC-MDP-FS-2CC2A, PROB-W3D6, DR-MT, DURATION-D6, FREQ-B1, NRAC346, R-B1W3-23-AC
1697	98.7	0.0	1.429E-010	UNITY, LOSEP, OEP-DGN-FS-DG01, OEP-DGN-FS-DG03, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI, R-LOSEP-DG01
1698	98.7	0.0	1.426E-010	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-B1, R-A3W1D6-XHE-C, /NRAC200
1699	98.7	0.0	1.423E-010	UNITY, CON-VFC-RP-COREM, RHR-ASF-PG-1605, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1700	98.7	0.0	1.420E-010	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101A, MSS-NRV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
1701	98.7	0.0	1.420E-010	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101B, MSS-NRV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
1702	98.7	0.0	1.419E-010	UNITY, LOOPISOLATED2R6, REFUEL, RHR-CCF-FS-MDPAB, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
1703	98.7	0.0	1.410E-010	UNITY, REFUEL, FREQ-CCW, MSS-AOV-FC-101C, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, SSHR-AOV-XHE-105
1704	98.7	0.0	1.410E-010	UNITY, REFUEL, FREQ-CCW, MSS-AOV-FC-101A, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, SSHR-AOV-XHE-105
1705	98.7	0.0	1.410E-010	UNITY, REFUEL, FREQ-CCW, MSS-AOV-FC-101B, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, SSHR-AOV-XHE-105
1706	98.8	0.0	1.410E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LOSEP, OEP-DGN-FC-DG3U2, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1707	98.8	0.0	1.405E-010	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, PROB-1HFAILEDL3
1708	98.8	0.0	1.403E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A, R-C2W2D6A-XHE-R
1709	98.8	0.0	1.403E-010	UNITY, REFUEL, LOSP, OEP-CCF-FS-DG123, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1710	98.8	0.0	1.402E-010	UNITY, REFUEL, SGS-DRAINED-R, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1711	98.8	0.0	1.402E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L2, NRAC346, PROB-1HFAILEDL2, A-L2W3-XHE-FL-12
1712	98.8	0.0	1.398E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CCF-FS-SI1AB, FREQ-CCW, DURATION-R6, H-CCW-REC-W2, /PZR-SV-REMOVEDW2, PROB-W2R6
1713	98.8	0.0	1.398E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BAT-LP-BAT1B, REFUEL, PROB-RHR2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PZR-SV-REMOVEDW2, PROB-W2R6A
1714	98.8	0.0	1.395E-010	UNITY, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, FREQ-L1, A-L1W2-XHE-R-4, A-L1W2-XHE-X, /NRAC262
1715	98.8	0.0	1.393E-010	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, R-W1D6-XHE-C-A3
1716	98.8	0.0	1.392E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-VB-REC-W1, FREQ-VB
1717	98.8	0.0	1.388E-010	UNITY, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FR-IAC-1, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1718	98.8	0.0	1.388E-010	UNITY, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FR-IAC-1, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1719	98.8	0.0	1.387E-010	UNITY, LOOPISOLATED2R6, REFUEL, RHR-XVM-PG-XV2, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1720	98.8	0.0	1.387E-010	UNITY, LOOPISOLATED2R6, REFUEL, RHR-XVM-PG-XV6, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
1721	98.8	0.0	1.387E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, RHR-MDP-FS-RHR1B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
1722	98.8	0.0	1.387E-010	UNITY, REFUEL, LPR-MOV-FT-1890B, RHR-MDP-FS-RHR1B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
1723	98.8	0.0	1.387E-010	UNITY, CCW-MDP-FS-CCP1B, REFUEL, LPR-MOV-FT-1890B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
1724	98.8	0.0	1.387E-010	UNITY, CCW-MDP-FS-CCP1B, REFUEL, LPI-MDP-FS-SI1B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
1725	98.8	0.0	1.384E-010	UNITY, REFUEL, LOSP, OEP-DGN-FS-DG01, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, R-LOSP-DG01
1726	98.8	0.0	1.382E-010	UNITY, LOSP, OEP-DGN-FC-DG3U2, OEP-DGN-FR-DG01, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
1727	98.8	0.0	1.380E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1728	98.8	0.0	1.377E-010	UNITY, REFUEL, SGS-DRAINED-R, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
1729	98.8	0.0	1.376E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, MSS-AOV-MA-101B, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, 2EH1L2
1730	98.8	0.0	1.376E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, MSS-AOV-MA-101C, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, 2EH1L2
1731	98.8	0.0	1.376E-010	UNITY, ACP-INV-NO-UPSB1, REFUEL, DURATION-R6, MSS-AOV-MA-101A, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, 2EH1L2
1732	98.8	0.0	1.374E-010	UNITY, CON-VFC-RP-COREM, ISR-MDP-FS-RS1A, PROB-RHR2A, OSR-TRA-MA, DR-MT, A-RAW1-XHE-R-4, PROB-W1D6A, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1733	98.8	0.0	1.372E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LOSP, OEP-DGN-FS-DG03, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
1734	98.8	0.0	1.367E-010	UNITY, CCW-LF-RHE2A, PROB-W4D6, DR-MT, DURATION-D6, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, FIRE-PUMP, SOLAIR-COMP, 2EH1L2
1735	98.8	0.0	1.365E-010	UNITY, MSS-AOV-MA-101A, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2, FREQ-L2, NRAC262, 2EH1L2, A-L2W2-XHE-R-4
1736	98.8	0.0	1.365E-010	UNITY, MSS-AOV-MA-101B, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2, FREQ-L2, NRAC262, 2EH1L2, A-L2W2-XHE-R-4
1737	98.8	0.0	1.365E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, PROB-1HFAILEDL2, A-L2W1-XHE-FL-18
1738	98.8	0.0	1.364E-010	UNITY, MSS-NRV-MA-101A, MSS-AOV-MA-101A, FREQ-RHR3, PROB-W2D6, A-R3W2-XHE-X, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1739	98.8	0.0	1.364E-010	UNITY, MSS-NRV-MA-101B, MSS-AOV-MA-101B, FREQ-RHR3, PROB-W2D6, A-R3W2-XHE-X, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1740	98.8	0.0	1.363E-010	UNITY, LOSP, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-A9
1741	98.9	0.0	1.361E-010	UNITY, RHR-MDP-FR-B24HR, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1742	98.9	0.0	1.360E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-CC2A, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1743	98.9	0.0	1.357E-010	UNITY, LOOPISOLATED2R6, REFUEL, PROB-RHR2A, RHR-ASF-PG-1605, /PZR-SV-REMOVEDW2, A-RAW2-XHE-X, PROB-W2R6A, LPR-CCF-PG-SUMP2
1744	98.9	0.0	1.357E-010	UNITY, LOOPISOLATED2R6, DCP-BAT-LP-BAT1B, HPI-CCF-FT-115BD, REFUEL, PROB-RHR2A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, /PZR-SV-REMOVEDW2, PROB-W2R6A
1745	98.9	0.0	1.357E-010	UNITY, CON-VFC-RP-COREM, FREQ-CCW, SWS-CCF-FT-3ABCD, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
1746	98.9	0.0	1.356E-010	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W1-XHE-R-4, R-A1W1D6-XHE-C, /NRAC200

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1747	98.9	0.0	1.353E-010	UNITY, RHR-CKV-FT-CV5, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
1748	98.9	0.0	1.353E-010	UNITY, ACC-CKV-FT-CV147, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
1749	98.9	0.0	1.353E-010	UNITY, CCW-CKV-FT-CC563, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
1750	98.9	0.0	1.352E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6
1751	98.9	0.0	1.352E-010	UNITY, ACP-BAC-ST-1H1, REFUEL, LPR-MOV-FT-1890B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
1752	98.9	0.0	1.352E-010	UNITY, ACP-BAC-ST-1H1-1, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
1753	98.9	0.0	1.352E-010	UNITY, ACP-BAC-ST-1H1, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
1754	98.9	0.0	1.352E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC346, A-B1W3-XHE-CW-4
1755	98.9	0.0	1.350E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1756	98.9	0.0	1.350E-010	UNITY, HPI-CKV-OO-267U2, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, R-B1W2-23-A
1757	98.9	0.0	1.350E-010	UNITY, HPI-CKV-OO-276U2, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, R-B1W2-23-A
1758	98.9	0.0	1.348E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-CW-4
1759	98.9	0.0	1.346E-010	UNITY, ACP-CRB-CO-15H8, LOOPISOLATED2R6, REFUEL, OEP-DGN-FS-DG01, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
1760	98.9	0.0	1.344E-010	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, CPC-MDP-FR-SW10A, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1761	98.9	0.0	1.343E-010	UNITY, REFUEL, HPI-XVM-PG-XV24, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1762	98.9	0.0	1.341E-010	UNITY, HPI-MOV-FT-1115C, LOSP, OEP-DGN-FS-DG03, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
1763	98.9	0.0	1.341E-010	UNITY, LOSP, OEP-CRB-FT-15H3, OEP-DGN-FS-DG03, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
1764	98.9	0.0	1.341E-010	UNITY, HPI-MOV-FT-1115B, LOSP, OEP-DGN-FS-DG03, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI
1765	98.9	0.0	1.341E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, SGB-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6
1766	98.9	0.0	1.341E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, SGA-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6
1767	98.9	0.0	1.341E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-AIR, D-ARW3-XHE, PRNR-ARW3
1768	98.9	0.0	1.338E-010	UNITY, LOSP, OEP-DGN-FS-DG03, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1769	98.9	0.0	1.337E-010	UNITY, REFUEL, FREQ-CCW, DURATION-R6, RWT-TNK-LF-RWST, H-CCW-REC-W3, PZR-SV-REMOVEDW3, PROB-W3R6
1770	98.9	0.0	1.334E-010	UNITY, REFUEL, LPI-CCF-FS-SI1AB, FREQ-CCW, DURATION-R6, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, A-CCW1-XHE-S1-8
1771	98.9	0.0	1.331E-010	UNITY, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4, A-L3W2-XHE-S1-17
1772	98.9	0.0	1.330E-010	UNITY, REFUEL, LOSP, OEP-CRB-FT-15H3, OEP-DGN-FC-DG3U2, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
1773	98.9	0.0	1.330E-010	UNITY, HPI-MOV-FT-1115C, REFUEL, LOSP, OEP-DGN-FC-DG3U2, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
1774	98.9	0.0	1.330E-010	UNITY, HPI-MOV-FT-1115B, REFUEL, LOSP, OEP-DGN-FC-DG3U2, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
1775	98.9	0.0	1.328E-010	UNITY, RHR-CKV-FT-CV5, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1776	98.9	0.0	1.328E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1777	98.9	0.0	1.328E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
1778	99.0	0.0	1.327E-010	UNITY, REFUEL, LPI-MDP-FR-B24HR, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1779	99.0	0.0	1.327E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, A-SIW1-XHE-C-18, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-S2-17
1780	99.0	0.0	1.320E-010	UNITY, REFUEL, CCW-LF-RHE2A, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L3, NRAC346, /PROB-1HFAILEDL3
1781	99.0	0.0	1.318E-010	UNITY, CCW-MDP-FR-CCP1B, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
1782	99.0	0.0	1.318E-010	UNITY, LOOPISOLATED2R6, DCP-BAT-LP-BAT1A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
1783	99.0	0.0	1.318E-010	UNITY, LOOPISOLATED2R6, REFUEL, RHR-MDP-FR-B24HR, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
1784	99.0	0.0	1.317E-010	UNITY, ACP-CRB-CO-15H7, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI, R-W2D6-XHE-C-A9
1785	99.0	0.0	1.317E-010	UNITY, ACP-CRB-CO-14H15, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI, R-W2D6-XHE-C-A9
1786	99.0	0.0	1.317E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-FS-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1787	99.0	0.0	1.317E-010	UNITY, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4, LPR-CCF-PG-SUMP2
1788	99.0	0.0	1.314E-010	UNITY, DCP-BAT-LP-BAT1B, RHR-MDP-FS-RHR1A, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1789	99.0	0.0	1.313E-010	UNITY, CCW-LF-RHE2A, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-9, FREQ-SI, R-W1D6-XHE-C-A3
1790	99.0	0.0	1.311E-010	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSB1, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1791	99.0	0.0	1.311E-010	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSA2, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1792	99.0	0.0	1.311E-010	UNITY, ACP-BAC-ST-1J1, ACP-INV-NO-UPSA2, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1793	99.0	0.0	1.311E-010	UNITY, ACP-BAC-ST-1J1-2, ACP-INV-NO-UPSB1, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
1794	99.0	0.0	1.311E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, PROB-W1R6A
1795	99.0	0.0	1.310E-010	UNITY, RHR-ASF-PG-1605, FREQ-RHR2B, PROB-W1D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1796	99.0	0.0	1.310E-010	UNITY, ACP-CRB-CO-15J8, OEP-DGN-FC-DG3U2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1797	99.0	0.0	1.310E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-CCF-FS-SI1AB, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1798	99.0	0.0	1.308E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FREQ-RHR4, FRAC-POS10, DURATION-R10
1799	99.0	0.0	1.308E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FREQ-RHR4, FRAC-POS10, DURATION-R10
1800	99.0	0.0	1.300E-010	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, R-A1W1D6-XHE-C
1801	99.0	0.0	1.300E-010	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, R-A1W1D6-XHE-C
1802	99.0	0.0	1.300E-010	UNITY, REFUEL, LOSP, OEP-CCF-FS-DG123, /PZR-SV-REMOVEDW4, PROB-W4R10, FREQ-RHR5, FRAC-POS10, DURATION-R10

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1803	99.0	0.0	1.299E-010	UNITY, REFUEL, LOSEP, OEP-DGN-FR-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4
1804	99.0	0.0	1.299E-010	UNITY, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, PROB-1HFAILEDL3, A-L3W2-XHE-FL-18
1805	99.0	0.0	1.297E-010	UNITY, ACP-CRB-CO-14H15, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1806	99.0	0.0	1.297E-010	UNITY, ACP-CRB-CO-14H14, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1807	99.0	0.0	1.297E-010	UNITY, ACP-CRB-CO-15H7, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1808	99.0	0.0	1.297E-010	UNITY, ACP-CRB-CO-14H15, REFUEL, LPR-MOV-FT-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1809	99.0	0.0	1.297E-010	UNITY, ACP-CRB-CO-15H7, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1810	99.0	0.0	1.297E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1811	99.0	0.0	1.296E-010	UNITY, CPC-MDP-FR-SW20A, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-B1, NRAC262, R-B1W2-23-AC
1812	99.0	0.0	1.295E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, REFUEL, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1813	99.0	0.0	1.295E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, REFUEL, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1814	99.0	0.0	1.295E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPR-MOV-FT-1890B, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1815	99.1	0.0	1.295E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1816	99.1	0.0	1.291E-010	UNITY, LPR-MOV-FT-1860B, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A2

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1817	99.1	0.0	1.290E-010	UNITY, REFUEL, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FR-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
1818	99.1	0.0	1.290E-010	UNITY, REFUEL, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FR-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A, LPR-CCF-PG-SUMP1
1819	99.1	0.0	1.290E-010	UNITY, REFUEL, LPI-CCF-FS-SI1AB, CCW-LF-RHE2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
1820	99.1	0.0	1.289E-010	UNITY, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455, D-B1W4-XHE
1821	99.1	0.0	1.287E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG123, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-4KV
1822	99.1	0.0	1.282E-010	UNITY, REFUEL, /PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-B2, NRAC346
1823	99.1	0.0	1.281E-010	UNITY, HPI-MDP-FR-1A6HR, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W2D6A, LPR-CCF-PG-SUMP2
1824	99.1	0.0	1.281E-010	UNITY, HPI-MDP-FR-1A6HR, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W2D6A, LPR-CCF-PG-SUMP2
1825	99.1	0.0	1.280E-010	UNITY, PROB-W4D6, FREQ-RHR4, DR-MT, DURATION-D6, D-R4W4-XHE
1826	99.1	0.0	1.279E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1827	99.1	0.0	1.279E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, CCW-LF-RHE2A, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1828	99.1	0.0	1.279E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, CCW-LF-RHE2A, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1829	99.1	0.0	1.279E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1830	99.1	0.0	1.279E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1831	99.1	0.0	1.278E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPR-MOV-PG-1890B, PROB-RHR2A, DR-MT, PROB-W3D6A

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1832	99.1	0.0	1.278E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-L3, NRAC346, /PROB-1HFAILEDL3, A-L3W3-XHE-R-4
1833	99.1	0.0	1.277E-010	UNITY, REFUEL, RHR-MDP-FS-RHR1A, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2
1834	99.1	0.0	1.277E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2, CCW-MDP-FS-CCP1A
1835	99.1	0.0	1.277E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, /PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
1836	99.1	0.0	1.277E-010	UNITY, REFUEL, LOSP, LPI-MDP-FS-SI1B, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1837	99.1	0.0	1.277E-010	UNITY, REFUEL, LOSP, OEP-CRB-FT-15J3, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1838	99.1	0.0	1.277E-010	UNITY, REFUEL, LOSP, OEP-CRB-FT-15H3, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1839	99.1	0.0	1.273E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, PROB-RHR2A, DR-MT, PROB-W2D6A, R-E1W2D6-XHE-C
1840	99.1	0.0	1.271E-010	UNITY, ACP-BAC-ST-4KV1J, CCW-LF-RHE2A, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1841	99.1	0.0	1.271E-010	UNITY, DCP-BDC-ST-BUS1B, CCW-LF-RHE2A, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1842	99.1	0.0	1.271E-010	UNITY, ACP-BAC-ST-4KV1H, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1843	99.1	0.0	1.271E-010	UNITY, ACP-CRB-CO-14H15, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, R-A7W2R6-XHE-C
1844	99.1	0.0	1.271E-010	UNITY, ACP-CRB-CO-15H7, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, R-A7W2R6-XHE-C

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1845	99.1	0.0	1.270E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1846	99.1	0.0	1.270E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1847	99.1	0.0	1.268E-010	UNITY, LOSP, OEP-DGN-FR-DG01, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1848	99.1	0.0	1.268E-010	UNITY, LOSP, OEP-DGN-FR-DG03, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
1849	99.1	0.0	1.268E-010	UNITY, LOSP, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1850	99.1	0.0	1.267E-010	UNITY, REFUEL, MSS-AOV-FC-101C, DURATION-R6, MSS-NRV-MA-101C, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1851	99.1	0.0	1.267E-010	UNITY, REFUEL, MSS-AOV-FC-101B, DURATION-R6, MSS-NRV-MA-101B, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1852	99.1	0.0	1.267E-010	UNITY, REFUEL, MSS-AOV-FC-101A, DURATION-R6, MSS-NRV-MA-101A, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1853	99.2	0.0	1.267E-010	UNITY, LOOPISOLATED2R6, REFUEL, LPR-MOV-FT-1890B, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1854	99.2	0.0	1.267E-010	UNITY, LOOPISOLATED2R6, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-R-12
1855	99.2	0.0	1.267E-010	UNITY, CCW-MDP-FS-CCP1B, LOOPISOLATED2R6, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1856	99.2	0.0	1.267E-010	UNITY, LOOPISOLATED2R6, REFUEL, LPI-MDP-FS-SI1B, RHR-MDP-FS-RHR1B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1857	99.2	0.0	1.267E-010	UNITY, CCW-MDP-FS-CCP1B, LOOPISOLATED2R6, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1858	99.2	0.0	1.267E-010	UNITY, LOOPISOLATED2R6, REFUEL, LPR-MOV-FT-1890B, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, /FREQ-4KV, A-4KW2-XHE-R-12
1859	99.2	0.0	1.267E-010	UNITY, RHR-SRV-CO-1721, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, /FREQ-4KV, R-W1D6-XHE-C-A3
1860	99.2	0.0	1.265E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW4, PROB-W4R6, /FREQ-SR, D-SRW4-XHE
1861	99.2	0.0	1.265E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, /FREQ-B1, NRAC346, A-B1W3-XHE-2CH-4, R-B1W3-1-G
1862	99.2	0.0	1.265E-010	UNITY, HPI-CKV-FT-CV25, REFUEL, DURATION-R6, /FREQ-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
1863	99.2	0.0	1.265E-010	UNITY, HPI-CKV-FT-CV410, REFUEL, DURATION-R6, /FREQ-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2
1864	99.2	0.0	1.265E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /FREQ-RHR3, PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, R-A7W2R6-XHE-C
1865	99.2	0.0	1.263E-010	UNITY, ACP-BAC-ST-4KV1H, DCP-BAT-LP-BAT1B, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W3D6, DR-MT, DURATION-D6, /FREQ-SI
1866	99.2	0.0	1.263E-010	UNITY, CCW-SO-RV118, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, /FREQ-4KV, R-W1D6-XHE-C-A3
1867	99.2	0.0	1.263E-010	UNITY, CCW-SO-RV121, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, /FREQ-4KV, R-W1D6-XHE-C-A3
1868	99.2	0.0	1.261E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG13, DURATION-R6, /FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1869	99.2	0.0	1.261E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG12, DURATION-R6, /FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
1870	99.2	0.0	1.260E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-CKV-FT-CV50, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1871	99.2	0.0	1.260E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-CKV-FT-CV46B, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1872	99.2	0.0	1.260E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, D-L3W1-XHE
1873	99.2	0.0	1.259E-010	UNITY, ACP-BAC-ST-4KV1J, CCW-LF-RHE2A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1874	99.2	0.0	1.259E-010	UNITY, ACP-BAC-ST-4KV1H, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1875	99.2	0.0	1.259E-010	UNITY, DCP-BDC-ST-BUS1B, CCW-LF-RHE2A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1876	99.2	0.0	1.258E-010	UNITY, CON-VFC-RP-COREM, LOSEP, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1877	99.2	0.0	1.258E-010	UNITY, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-AIR, A-ARW1-XHE-R-5, PRNR-ARW1, R-A3W1D6-XHE-C
1878	99.2	0.0	1.257E-010	UNITY, ACP-BAC-ST-1H1-1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1879	99.2	0.0	1.257E-010	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, NRAC262
1880	99.2	0.0	1.257E-010	UNITY, REFUEL, LPR-MOV-FT-1860B, DURATION-R6, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-S1-8, R-A8W1R6-XHE-C
1881	99.2	0.0	1.256E-010	UNITY, LOSEP, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1882	99.2	0.0	1.256E-010	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, A-L1W2-XHE-R-4, /NRAC262
1883	99.2	0.0	1.255E-010	UNITY, HPI-CKV-FT-CV410, SGA-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1884	99.2	0.0	1.255E-010	UNITY, HPI-CKV-FT-CV25, SGA-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1885	99.2	0.0	1.255E-010	UNITY, HPI-CKV-FT-CV410, SGB-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1886	99.2	0.0	1.255E-010	UNITY, HPI-CKV-FT-CV25, SGB-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
1887	99.2	0.0	1.254E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR3, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1888	99.2	0.0	1.252E-010	UNITY, HPR-MDP-FR-A18HR, ISR-MDP-FS-RS1A, FREQ-CCW, OSR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
1889	99.2	0.0	1.247E-010	UNITY, ACP-INV-NO-UPSB1, ACP-TFM-NO-1J1, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1890	99.2	0.0	1.247E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPR-MOV-PG-1890B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A
1891	99.2	0.0	1.246E-010	UNITY, ACP-CRB-CO-15J7, CPC-MDP-FR-SW10A, REFUEL, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
1892	99.3	0.0	1.245E-010	UNITY, CPC-MDP-FR-SW10A, LOSP, OEP-DGN-FS-DG03, PROB-RHR2A, DR-MT, PROB-W2D6A
1893	99.3	0.0	1.244E-010	UNITY, REFUEL, MSS-AOV-FC-101B, DURATION-R6, MSS-NRV-MA-101B, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
1894	99.3	0.0	1.244E-010	UNITY, REFUEL, MSS-AOV-FC-101A, DURATION-R6, MSS-NRV-MA-101A, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
1895	99.3	0.0	1.244E-010	UNITY, REFUEL, MSS-AOV-FC-101C, DURATION-R6, MSS-NRV-MA-101C, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
1896	99.3	0.0	1.243E-010	UNITY, ACP-CRB-CO-15J7, HPI-MOV-FT-1115B, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1897	99.3	0.0	1.243E-010	UNITY, ACP-CRB-CO-15J7, HPI-MOV-FT-1115C, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
1898	99.3	0.0	1.243E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-CCF-FS-SI1AB, FREQ-RHR3, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1899	99.3	0.0	1.241E-010	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1R6, PZR-SV-REMOVEDW1
1900	99.3	0.0	1.239E-010	UNITY, ACP-INV-NO-UPSB1, ACP-TFM-NO-1J1, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1901	99.3	0.0	1.234E-010	UNITY, DCP-CCF-LP-BT1AB, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1902	99.3	0.0	1.232E-010	UNITY, LOSP, OEP-DGN-FC-DG3U2, PROB-W3D6, DR-MT, DURATION-D6, H-4KV-REC-W3, FREQ-4KV
1903	99.3	0.0	1.230E-010	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1R6-XHE-C-A11
1904	99.3	0.0	1.229E-010	UNITY, LOSP, OEP-DGN-FS-DG01, OEP-DGN-FS-DG03, PROB-W3D6, DR-MT, DURATION-D6, FREQ-SI, R-LOSP-DG01
1905	99.3	0.0	1.227E-010	UNITY, ACP-INV-NO-UPSB1, ACP-TFM-NO-1J1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3
1906	99.3	0.0	1.226E-010	UNITY, REFUEL, RHR-CCF-FS-MDPAB, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1907	99.3	0.0	1.223E-010	UNITY, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-SI, A-SIW1-XHE-R-3, A-SIW1-XHE-S2-8
1908	99.3	0.0	1.223E-010	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1909	99.3	0.0	1.223E-010	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1910	99.3	0.0	1.223E-010	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, SGA-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, R-A8W1R6-XHE-C
1911	99.3	0.0	1.223E-010	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, SGC-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, R-A8W1R6-XHE-C

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1912	99.3	0.0	1.223E-010	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, SGB-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1, R-A8W1R6-XHE-C
1913	99.3	0.0	1.223E-010	UNITY, REFUEL, LPR-MOV-PG-1890B, DURATION-R6, CCW-LF-RHE2B, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
1914	99.3	0.0	1.222E-010	UNITY, LOOPISOLATED2R6, HPI-MOV-FT-1115C, HPI-MOV-FT-1115E, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1915	99.3	0.0	1.222E-010	UNITY, LOOPISOLATED2R6, HPI-MOV-FT-1115B, HPI-MOV-FT-1115D, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1916	99.3	0.0	1.221E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1917	99.3	0.0	1.221E-010	UNITY, REFUEL, DURATION-R6, FREQ-RHR3, D-R3W2-XHE, PZR-SV-REMOVEDW2, PROB-W2R6
1918	99.3	0.0	1.220E-010	UNITY, LPI-CCF-FS-SI1AB, PROB-RHR2A, RHR-CCF-FS-MDPAB, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1919	99.3	0.0	1.220E-010	UNITY, REFUEL, LOSP, OEP-DGN-FC-DG3U2, OEP-DGN-FS-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI, R-LOSP-DG01
1920	99.3	0.0	1.218E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LOSP, OEP-DGN-FC-DG3U2, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-SI
1921	99.3	0.0	1.218E-010	UNITY, ACP-BAC-ST-4KV1J, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
1922	99.3	0.0	1.218E-010	UNITY, DCP-BDC-ST-BUS1B, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
1923	99.3	0.0	1.218E-010	UNITY, ACP-BAC-ST-STB1J, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
1924	99.3	0.0	1.218E-010	UNITY, DCP-BDC-ST-BUS1A, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
1925	99.3	0.0	1.218E-010	UNITY, ACP-BAC-ST-VB1II, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1926	99.3	0.0	1.218E-010	UNITY, ACP-BAC-ST-VIIII, PROB-W1D6, DR-MT, DURATION-D6, H-4KV-REC-W1, FREQ-4KV, R-W1D6-XHE-C-A3
1927	99.3	0.0	1.212E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, CCW-LF-RHE2B, /PZR-SV-REMOVEDW4, CPC-MDP-MA0SW10B, PROB-W4R10, FRAC-POS10, DURATION-R10, H-SI-REC-W4, FREQ-SI
1928	99.3	0.0	1.212E-010	UNITY, LPI-MDP-FR-1B6HR, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
1929	99.3	0.0	1.212E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CKV-FT-CV50, PROB-RHR2A, PZR-SV-REMOVEDW2, PROB-W2R6A
1930	99.3	0.0	1.212E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-CKV-FT-CV46B, PROB-RHR2A, PZR-SV-REMOVEDW2, PROB-W2R6A
1931	99.4	0.0	1.209E-010	UNITY, LOOPISOLATED2R6, REFUEL, PPS-MOV-FT-1536, DURATION-R6, CCW-LF-RHE2B, PORV-PATH-CLSD, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
1932	99.4	0.0	1.209E-010	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, PROB-1HFAILEDL3, A-L3W1-XHE-R-4
1933	99.4	0.0	1.208E-010	UNITY, CPC-STR-PG-STR2A, REFUEL, LPI-CCF-FS-SI1AB, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
1934	99.4	0.0	1.207E-010	UNITY, PROB-W1D6, DR-MT, DURATION-D6, CCW-AOV-XHE-109, FREQ-L1, NRAC200, A-L1W1-XHE-C-17
1935	99.4	0.0	1.206E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
1936	99.4	0.0	1.203E-010	UNITY, ACP-TFM-NO-1J1, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1937	99.4	0.0	1.203E-010	UNITY, ACP-TFM-NO-1J, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
1938	99.4	0.0	1.201E-010	UNITY, CPC-MDP-FS-SW20A, REFUEL, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-B1, NRAC200

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1939	99.4	0.0	1.199E-010	UNITY, REFUEL, RHR-XVM-PG-XV2, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1940	99.4	0.0	1.199E-010	UNITY, REFUEL, RHR-XVM-PG-XV6, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
1941	99.4	0.0	1.197E-010	UNITY, CCW-HTX-MA-E1B, CCW-HTX-PG-E1A, PROB-RHR2A, DR-MT, PROB-W1D6A, LPR-CCF-PG-SUMP1, R-A3W1D6-XHE-C
1942	99.4	0.0	1.195E-010	UNITY, ACP-BAC-ST-STB1J, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1943	99.4	0.0	1.195E-010	UNITY, CON-VFC-RP-COREM, RHR-MDP-FR-B24HR, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
1944	99.4	0.0	1.195E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12
1945	99.4	0.0	1.193E-010	UNITY, REFUEL, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R10, D-RBW3-XHE, FRAC-POS10, DURATION-R10
1946	99.4	0.0	1.193E-010	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-FS-FW3B, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
1947	99.4	0.0	1.190E-010	UNITY, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-L1, NRAC200, A-L1W1-XHE-R-4
1948	99.4	0.0	1.189E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPI-CCF-FS-SI1AB, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, H-4KV-REC-W4, FREQ-4KV
1949	99.4	0.0	1.180E-010	UNITY, ACP-TFM-NO-1J1, PROB-RHR2A, SAS-CPS-FR-2SAC1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1950	99.4	0.0	1.180E-010	UNITY, ACP-TFM-NO-1J1, PROB-RHR2A, SAS-CPS-FR-1SAC1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
1951	99.4	0.0	1.180E-010	UNITY, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, CCW-AOV-XHE-109, LPR-CCF-PG-SUMP2, FREQ-L2, NRAC262, 2EH1L2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1952	99.4	0.0	1.180E-010	UNITY, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, CCW-AOV-XHE-109, LPR-CCF-PG-SUMP2, FREQ-L2, NRAC262, 2EH1L2
1953	99.4	0.0	1.178E-010	UNITY, LOOPISOLATED2R6, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1954	99.4	0.0	1.177E-010	UNITY, REFUEL, RHR-XVM-PG-XV2, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
1955	99.4	0.0	1.177E-010	UNITY, REFUEL, RHR-XVM-PG-XV6, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, H-SI-REC-W1, FREQ-SI
1956	99.4	0.0	1.176E-010	UNITY, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, LPI-CKV-FT-CV50, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1957	99.4	0.0	1.176E-010	UNITY, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, LPI-CKV-FT-CV46B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1958	99.4	0.0	1.176E-010	UNITY, ACP-BAC-ST-4KV1J, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW2, PROB-W2R6A
1959	99.4	0.0	1.171E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, ACP-BAC-MA-4801J, /PZR-SV-REMOVEDW2, PROB-W2R6A
1960	99.4	0.0	1.171E-010	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, CCW-LF-RHE2A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A, R-A1W1D6-XHE-C
1961	99.4	0.0	1.171E-010	UNITY, HPI-CCF-FT-115BD, REFUEL, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, A-R3W4-XHE-FL-7
1962	99.4	0.0	1.170E-010	UNITY, REFUEL, LOSP, OEP-DGN-FS-DG01, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI, R-LOSP-DG01
1963	99.4	0.0	1.170E-010	UNITY, LOOPISOLATED2R6, DCP-BAT-LP-BAT1A, REFUEL, DURATION-R6, PORV-PA1H-CLSD, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, PROB-1HFAILED12
1964	99.4	0.0	1.170E-010	UNITY, REFUEL, LOSP, OEP-CCF-FS-DG13, PZR-SV-REMOVEDW4, PROB-W4R10, FREQ-RHR5, FRAC-POS10, DURATION-R10

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1965	99.4	0.0	1.170E-010	UNITY, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2, FREQ-L3, NRAC262, A-L3W2-XHE-R-4
1966	99.4	0.0	1.170E-010	UNITY, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2, FREQ-L3, NRAC262, A-L3W2-XHE-R-4
1967	99.4	0.0	1.169E-010	UNITY, CON-VFC-RP-COREM, REFUEL, LOSP, PROB-RHR2A, OSR-TRA-MA, ISR-TRA-MA, /PZR-SV-REMOVEDW1, PROB-W1R6A
1968	99.4	0.0	1.168E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW3, PROB-W3R6A
1969	99.4	0.0	1.164E-010	UNITY, ACP-BAC-ST-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, A-L1W2-XHE-R-4, /NRAC262
1970	99.4	0.0	1.164E-010	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, NRAC200, A-L1W1-XHE-R-4, R-L1W1-1-C
1971	99.4	0.0	1.163E-010	UNITY, REFUEL, LPR-MOV-FT-1862B, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A, R-A8W1R6-XHE-C
1972	99.4	0.0	1.163E-010	UNITY, REFUEL, LPR-MOV-FT-1862B, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW1, PROB-W1R6A, R-A8W1R6-XHE-C
1973	99.5	0.0	1.159E-010	UNITY, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, CPC-MDP-MA0SW10B
1974	99.5	0.0	1.159E-010	UNITY, REFUEL, LOSP, OEP-CCF-FS-DG13, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-4KV
1975	99.5	0.0	1.158E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, /PROB-1HFAILEDL3, A-L3W2-XHE-R-4
1976	99.5	0.0	1.157E-010	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI
1977	99.5	0.0	1.157E-010	UNITY, ACP-BAC-ST-1H1, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-PG-1890B, PROB-RHR2A, PZR-SV-REMOVEDW3, PROB-W3R6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1978	99.5	0.0	1.155E-010	UNITY, MSS-AOV-FC-101A, MSS-AOV-FC-101B, CCW-LF-RHE2A, PROB-W4D6, DR-MT, DURATION-D6, FREQ-L2, NRAC455, /PROB-1HFAILEDL2, 2EH1L2
1979	99.5	0.0	1.155E-010	UNITY, ACP-CRB-CO-15H8, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, OEP-DGN-FS-DG01, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
1980	99.5	0.0	1.153E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, SGB-DRAINED-R, FREQ-RHR3, PROB-W3D6, DR-MT, DURATION-D6
1981	99.5	0.0	1.153E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, LPI-MDP-FS-SI1B, SGA-DRAINED-R, FREQ-RHR3, PROB-W3D6, DR-MT, DURATION-D6
1982	99.5	0.0	1.151E-010	UNITY, REFUEL, SGS-DRAINED-R, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
1983	99.5	0.0	1.149E-010	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
1984	99.5	0.0	1.148E-010	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, DURATION-R6, SWS-MOV-OP-RSS, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
1985	99.5	0.0	1.146E-010	UNITY, CON-VFC-RP-COREM, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI, A-SIW1-XHE-R-3
1986	99.5	0.0	1.146E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-BAC-ST-4KV1J, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1987	99.5	0.0	1.146E-010	UNITY, ACP-BAC-ST-4KV1H, DCP-BDC-ST-BUS1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
1988	99.5	0.0	1.144E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, SGC-DRAINED-R, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1989	99.5	0.0	1.144E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, SGA-DRAINED-R, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1990	99.5	0.0	1.144E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, SGB-DRAINED-R, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
1991	99.5	0.0	1.144E-010	UNITY, REFUEL, MSS-AOV-FC-101C, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-L1, NRAC200, A-L1W1-XHE-R-4

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
1992	99.5	0.0	1.144E-010	UNITY, REFUEL, MSS-AOV-FC-101B, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-L1, NRAC200, A-L1W1-XHE-R-4
1993	99.5	0.0	1.144E-010	UNITY, REFUEL, MSS-AOV-FC-101A, DURATION-R6, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1, FREQ-L1, NRAC200, A-L1W1-XHE-R-4
1994	99.5	0.0	1.143E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PZR-SV-REMOVEDW3, PROB-W3R6, FREQ-RHR4
1995	99.5	0.0	1.143E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, FREQ-CCW, LPI-MDP-FS-SI1B, PZR-SV-REMOVEDW4, CPC-MDP-MA0SW10B, PROB-W4R10, H-CCW-REC-W4, A-CCW4-XHE-G-6, FRAC-POS10, DURATION-R10
1996	99.5	0.0	1.142E-010	UNITY, REFUEL, LOSEP, OEP-DGN-FC-DG3U2, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV
1997	99.5	0.0	1.142E-010	UNITY, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-RHR4, LPR-CCF-PG-SUMP1
1998	99.5	0.0	1.141E-010	UNITY, LOOPISOLATED2R6, REFUEL, LPR-MOV-FT-1862B, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, A-R3W2-XHE-X, R-A8W1R6-XHE-C
1999	99.5	0.0	1.139E-010	UNITY, LPR-MOV-FT-1860B, CCW-LF-RHE2B, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, R-A2W1D6-XHE-C
2000	99.5	0.0	1.139E-010	UNITY, RHR-ASF-PG-1605, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-C-9, FREQ-SI, R-W1D6-XHE-C-A3
2001	99.5	0.0	1.139E-010	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, A-R5W1-XHE-R-4, R-A3W1D6-XHE-C
2002	99.5	0.0	1.138E-010	UNITY, MSS-AOV-FC-101A, MSS-NRV-MA-101A, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-A9
2003	99.5	0.0	1.138E-010	UNITY, MSS-AOV-FC-101B, MSS-NRV-MA-101B, CCW-LF-RHE2B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-A9
2004	99.5	0.0	1.138E-010	UNITY, ACP-INV-NO-UPSA2, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2005	99.5	0.0	1.135E-010	UNITY, ACP-INV-NO-UPSA2, AFW-MDP-FS-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, R-W2D6-XHE-C-A9
2006	99.5	0.0	1.135E-010	UNITY, LOSP, OEP-DGN-FC-DG3U2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-VB, R-W1D6-XHE-C-A3
2007	99.5	0.0	1.134E-010	UNITY, ACP-BAC-ST-4801J, HPI-MDP-FR-1A6HR, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
2008	99.5	0.0	1.134E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MDP-FR-1A6HR, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
2009	99.5	0.0	1.134E-010	UNITY, DCP-BDC-ST-BUS1B, HPI-MDP-FR-1A6HR, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A
2010	99.5	0.0	1.130E-010	UNITY, ACP-TFM-NO-1H1, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, LPR-MOV-PG-1890B, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
2011	99.5	0.0	1.129E-010	UNITY, LPR-CKV-FT-CV47, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
2012	99.5	0.0	1.129E-010	UNITY, LPI-CKV-FT-CV50, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
2013	99.5	0.0	1.129E-010	UNITY, REFUEL, LOSP, OEP-DGN-FR-DG01, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, /NRAC262
2014	99.5	0.0	1.128E-010	UNITY, CON-VFC-RP-COREM, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, A-4KW1-XHE-R-3, R-W1D6-XHE-C-A3
2015	99.6	0.0	1.126E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI, R-W2D6-XHE-C-E1
2016	99.6	0.0	1.126E-010	UNITY, REFUEL, DURATION-R6, FREQ-RHR2B, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
2017	99.6	0.0	1.126E-010	UNITY, REFUEL, DURATION-R6, FREQ-RHR2B, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
2018	99.6	0.0	1.126E-010	UNITY, HPI-CKV-FT-CV410, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2019	99.6	0.0	1.126E-010	UNITY, HPI-CKV-FT-CV25, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
2020	99.6	0.0	1.125E-010	UNITY, REFUEL, PZR-SV-REMOVEDW3, PROB-W3R10, FRAC-POS10, DURATION-R10, FREQ-L3, D-L3W3-XHE, /NRAC346
2021	99.6	0.0	1.124E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, FREQ-CCW, OSR-TRA-MA, ISR-TRA-MA, H-CCW-REC-W1, PROB-W1D6, DR-MT, DURATION-D6, R-W1D6-XHE-C-A3
2022	99.6	0.0	1.119E-010	UNITY, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW4, PROB-W4R6, D-VBW4-XHE, FREQ-VB
2023	99.6	0.0	1.119E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4
2024	99.6	0.0	1.116E-010	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, R-D1W2R6-XHE-C
2025	99.6	0.0	1.116E-010	UNITY, ACP-TFM-NO-1H1, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
2026	99.6	0.0	1.115E-010	UNITY, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, PROB-1HFAILEDL2, A-L2W1-XHE-FL-18
2027	99.6	0.0	1.115E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, H-SI-REC-W2, FREQ-SI, R-W2D6-XHE-C-A9
2028	99.6	0.0	1.115E-010	UNITY, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, A-VBW1-XHE-C-18, H-VB-REC-W1, FREQ-VB, R-W1D6-XHE-C-A3
2029	99.6	0.0	1.115E-010	UNITY, OEP-BAC-ST-FDRD, OEP-DGN-FC-DG3U2, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV
2030	99.6	0.0	1.112E-010	UNITY, LPI-MDP-FR-B24HR, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
2031	99.6	0.0	1.111E-010	UNITY, LPR-MOV-FT-1862B, PROB-W1D6, DR-MT, DURATION-D6, H-VB-REC-W1, FREQ-VB, A-VBW1-XHE-R-12, R-W1D6-XHE-C-A1

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2032	99.6	0.0	1.107E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
2033	99.6	0.0	1.105E-010	UNITY, REFUEL, LOSP, OEP-DGN-FC-DG3U2, OEP-DGN-FR-DG01, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
2034	99.6	0.0	1.104E-010	UNITY, ACP-INV-NO-UPSB1, ACP-BAC-MA-1J1-2, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2035	99.6	0.0	1.104E-010	UNITY, ACP-INV-NO-UPSB1, ACP-BAC-MA-1J1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2036	99.6	0.0	1.102E-010	UNITY, CPC-MDP-FR-SW10A, REFUEL, LOSP, OEP-DGN-FS-DG03, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-SI
2037	99.6	0.0	1.101E-010	UNITY, HPI-MOV-FT-1115B, REFUEL, LOSP, OEP-DGN-FC-DG3U2, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
2038	99.6	0.0	1.101E-010	UNITY, HPI-MOV-FT-1115C, REFUEL, LOSP, OEP-DGN-FC-DG3U2, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
2039	99.6	0.0	1.101E-010	UNITY, ACP-CRB-CO-III35, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2040	99.6	0.0	1.101E-010	UNITY, ACP-CRB-CO-111, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2041	99.6	0.0	1.101E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, SAS-CPS-FR-2SAC1, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
2042	99.6	0.0	1.101E-010	UNITY, ACP-BAC-ST-1J1-2, REFUEL, DURATION-R6, SAS-CPS-FR-1SAC1, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
2043	99.6	0.0	1.101E-010	UNITY, ACP-BAC-ST-1J1-2, REFUEL, DURATION-R6, SAS-CPS-FR-2SAC1, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
2044	99.6	0.0	1.101E-010	UNITY, ACP-BAC-ST-1J1, REFUEL, DURATION-R6, SAS-CPS-FR-1SAC1, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
2045	99.6	0.0	1.101E-010	UNITY, ACP-BAC-ST-1J1, REFUEL, DURATION-R6, SAS-CPS-FR-2SAC1, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2046	99.6	0.0	1.101E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, SAS-CPS-FR-1SAC1, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-SI
2047	99.6	0.0	1.099E-010	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, DURATION-R6, CCW-LF-RHE2B, /PZR-SV-REMOVEDW2, PROB-W2R6, A-SIW2-XHE-FL-19, H-SI-REC-W2, FREQ-SI
2048	99.6	0.0	1.099E-010	UNITY, REFUEL, DURATION-R6, MSS-AOV-MA-101B, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, A-L3W1-XHE-CW-4
2049	99.6	0.0	1.099E-010	UNITY, REFUEL, DURATION-R6, MSS-AOV-MA-101C, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, A-L3W1-XHE-CW-4
2050	99.6	0.0	1.099E-010	UNITY, REFUEL, DURATION-R6, MSS-AOV-MA-101A, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L3, NRAC200, A-L3W1-XHE-CW-4
2051	99.6	0.0	1.097E-010	UNITY, ACP-TFM-NO-1J1, REFUEL, PROB-RHR2A, SAS-CPS-FR-1SAC1, /PZR-SV-REMOVEDW1, PROB-W1R6A
2052	99.6	0.0	1.097E-010	UNITY, ACP-TFM-NO-1J1, REFUEL, PROB-RHR2A, SAS-CPS-FR-2SAC1, /PZR-SV-REMOVEDW1, PROB-W1R6A
2053	99.6	0.0	1.097E-010	UNITY, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, PPS-MOV-FT-1536, DURATION-R6, FREQ-RHR3, PORV-PATH-CLSD, /PZR-SV-REMOVEDW2, PROB-W2R6
2054	99.6	0.0	1.093E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, FREQ-RHR2B, PZR-SV-REMOVEDW3, PROB-W3R6
2055	99.6	0.0	1.091E-010	UNITY, HPI-MDP-FR-1A6HR, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW3, FRAC-POS10, PROB-W3R10A
2056	99.6	0.0	1.091E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L1, NRAC262, A-L1W2-XHE-R-4
2057	99.6	0.0	1.090E-010	UNITY, ACP-BAC-ST-4801J, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW2, PROB-W2R6A
2058	99.6	0.0	1.090E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, DCP-BDC-ST-BUS1B, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW2, PROB-W2R6A
2059	99.7	0.0	1.090E-010	UNITY, REFUEL, LPR-MOV-FT-1862B, PROB-RHR2A, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-RAW1-XHE-R-4, PROB-W1R6A, R-A8W1R6-XHE-C

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2060	99.7	0.0	1.090E-010	UNITY, ACP-CRB-CO-14H15, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A, R-A7W2R6-XHE-C
2061	99.7	0.0	1.090E-010	UNITY, ACP-CRB-CO-15H7, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A, R-A7W2R6-XHE-C
2062	99.7	0.0	1.090E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, AFW-MOV-FT-151D, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
2063	99.7	0.0	1.090E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, AFW-MOV-FT-151F, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
2064	99.7	0.0	1.090E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, DURATION-R6, AFW-MOV-FT-151B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
2065	99.7	0.0	1.089E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, LPR-CCF-FT-890AB, PROB-RHR2A, DR-MT, PROB-W2D6A
2066	99.7	0.0	1.088E-010	UNITY, LOSEP, OEP-CCF-FS-DG123, FREQ-RHR2B, PROB-W2D6, DR-MT, DURATION-D6
2067	99.7	0.0	1.086E-010	UNITY, ACP-BAC-ST-4KV1H, AFW-MDP-MA-FW3B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6, R-E1W2D6-XHE-C
2068	99.7	0.0	1.086E-010	UNITY, ACP-BAC-ST-4KV1J, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-VB-REC-W1, FREQ-VB
2069	99.7	0.0	1.086E-010	UNITY, DCP-BDC-ST-BUS1B, REFUEL, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-VB-REC-W1, FREQ-VB
2070	99.7	0.0	1.086E-010	UNITY, LPI-CCF-FS-SI1AB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L1, A-L1W1-XHE-R-4, R-A3W1D6-XHE-C, /NRAC200
2071	99.7	0.0	1.086E-010	UNITY, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6, A-R5W2-XHE-X, LPR-CCF-PG-SUMP2
2072	99.7	0.0	1.086E-010	UNITY, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, PROB-W2D6, FREQ-RHR5, DR-MT, DURATION-D6, A-R5W2-XHE-X, LPR-CCF-PG-SUMP2
2073	99.7	0.0	1.085E-010	UNITY, ACP-BAC-ST-4KV1H, CCW-MDP-MA-CCP1B, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2074	99.7	0.0	1.084E-010	UNITY, REFUEL, FREQ-CCW, MSS-AOV-FC-101A, DURATION-R6, CIR-COND-UNAVLBL, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
2075	99.7	0.0	1.084E-010	UNITY, REFUEL, FREQ-CCW, MSS-AOV-FC-101B, DURATION-R6, CIR-COND-UNAVLBL, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
2076	99.7	0.0	1.084E-010	UNITY, REFUEL, FREQ-CCW, MSS-AOV-FC-101C, DURATION-R6, CIR-COND-UNAVLBL, H-CCW-REC-W1, PROB-W1R6, /PZR-SV-REMOVEDW1, LPR-CCF-PG-SUMP1
2077	99.7	0.0	1.081E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-SIW1-XHE-FL-19, H-SI-REC-W1, FREQ-SI
2078	99.7	0.0	1.080E-010	UNITY, REFUEL, LOSEP, PROB-RHR2A, /PZR-SV-REMOVEDW2, A-RAW2-XHE-X, PROB-W2R6A, LPR-CCF-PG-SUMP2
2079	99.7	0.0	1.079E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-S11B, DURATION-R6, FREQ-RHR3, PZR-SV-REMOVEDW3, PROB-W3R6
2080	99.7	0.0	1.077E-010	UNITY, REFUEL, LOSEP, OEP-DGN-FS-DG03, DURATION-R6, FREQ-RHR2B, PROB-W1R6, /PZR-SV-REMOVEDW1
2081	99.7	0.0	1.077E-010	UNITY, CPC-CCF-LF-STRAB, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
2082	99.7	0.0	1.077E-010	UNITY, CPC-CCF-LF-STR1, FREQ-RHR3, A-R3W2-XHE-S1-8, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
2083	99.7	0.0	1.077E-010	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, MSS-AOV-FC-101A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1, NRAC262
2084	99.7	0.0	1.077E-010	UNITY, ACP-BAC-ST-1H1, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, MSS-AOV-FC-101B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-L1, NRAC262
2085	99.7	0.0	1.076E-010	UNITY, REFUEL, LPI-XVM-PG-XV48, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1
2086	99.7	0.0	1.075E-010	UNITY, HPI-CKV-OO-276U2, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455
2087	99.7	0.0	1.075E-010	UNITY, HPI-CKV-OO-267U2, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2088	99.7	0.0	1.074E-010	UNITY, LOSEP, OEP-DGN-FC-DG3U2, PROB-W1D6, FREQ-RHR4, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
2089	99.7	0.0	1.072E-010	UNITY, HPI-MOV-FT-1115C, REFUEL, LOSEP, OEP-DGN-FS-DG03, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
2090	99.7	0.0	1.072E-010	UNITY, HPI-MOV-FT-1115B, REFUEL, LOSEP, OEP-DGN-FS-DG03, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
2091	99.7	0.0	1.072E-010	UNITY, REFUEL, LOSEP, OEP-CRB-FT-15H3, OEP-DGN-FS-DG03, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
2092	99.7	0.0	1.070E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PROB-W1D6, DR-MT, DURATION-D6, A-SIW1-XHE-FL-10, FREQ-SI, A-SIW1-XHE-R-3, R-W1D6-XHE-C-A3
2093	99.7	0.0	1.070E-010	UNITY, LOOPISOLATED2R6, HPI-MDP-FR-1A6HR, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, FREQ-RHR2B, /PZR-SV-REMOVEDW2, PROB-W2R6
2094	99.7	0.0	1.067E-010	UNITY, REFUEL, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, 2EH1-1, /PZR-SV-REMOVEDW2, PROB-W2R6A, LPR-CCF-PG-SUMP2
2095	99.7	0.0	1.067E-010	UNITY, REFUEL, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, 2EH1-1, /PZR-SV-REMOVEDW2, PROB-W2R6A, LPR-CCF-PG-SUMP2
2096	99.7	0.0	1.066E-010	UNITY, LPI-MDP-FS-SI1B, RHR-SRV-CO-1721, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2097	99.7	0.0	1.065E-010	UNITY, HPI-MDP-FR-1A6HR, LPI-MDP-FS-SI1B, PROB-RHR2A, SGA-DRAINED-R, DR-MT, PROB-W3D6A
2098	99.7	0.0	1.065E-010	UNITY, HPI-MDP-FR-1A6HR, LPI-MDP-FS-SI1B, PROB-RHR2A, SGB-DRAINED-R, DR-MT, PROB-W3D6A
2099	99.7	0.0	1.065E-010	UNITY, FREQ-RHR3, ACP-BAC-MA-1J1-2, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
2100	99.7	0.0	1.065E-010	UNITY, FREQ-RHR3, ACP-BAC-MA-1J1, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
2101	99.7	0.0	1.065E-010	UNITY, FREQ-RHR3, ACP-BAC-MA-4801J, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
2102	99.7	0.0	1.065E-010	UNITY, AFW-MDP-FS-FW3B, REFUEL, DURATION-R6, CCW-LF-RHE2B, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
2103	99.7	0.0	1.064E-010	UNITY, MSS-AOV-FC-101B, SSHR-AOV-XHE-105, FREQ-RHR3, PROB-W2D6, A-R3W2-XHE-X, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2104	99.8	0.0	1.064E-010	UNITY, MSS-AOV-FC-101A, SSHR-AOV-XHE-105, FREQ-RHR3, PROB-W2D6, A-R3W2-XHE-X, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
2105	99.8	0.0	1.064E-010	UNITY, HPI-CCF-FT-115BD, MSS-AOV-FC-101B, MSS-NRV-MA-101B, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
2106	99.8	0.0	1.064E-010	UNITY, HPI-CCF-FT-115BD, MSS-AOV-FC-101A, MSS-NRV-MA-101A, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2
2107	99.8	0.0	1.062E-010	UNITY, LPI-MDP-FS-SI1B, CCW-SO-RV121, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2108	99.8	0.0	1.062E-010	UNITY, LPI-MDP-FS-SI1B, CCW-SO-RV118, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2109	99.8	0.0	1.059E-010	UNITY, ACP-BAC-ST-4KV1H, LOOPISOLATED2R6, REFUEL, LPR-CCF-FT-890AB, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
2110	99.8	0.0	1.059E-010	UNITY, LOOPISOLATED2R6, DCP-BDC-ST-BUS1B, HPI-CCF-FT-115BD, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
2111	99.8	0.0	1.059E-010	UNITY, ACP-BAC-ST-4801J, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
2112	99.8	0.0	1.059E-010	UNITY, ACP-BAC-ST-4KV1J, LOOPISOLATED2R6, HPI-CCF-FT-115BD, REFUEL, PROB-RHR2A, /PZR-SV-REMOVEDW2, PROB-W2R6A
2113	99.8	0.0	1.058E-010	UNITY, LOSEP, OEP-DGN-FR-DG01, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI, R-W2D6-XHE-C-A9
2114	99.8	0.0	1.056E-010	UNITY, LOOPISOLATED2R6, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, REFUEL, LPI-MDP-FS-SI1B, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
2115	99.8	0.0	1.056E-010	UNITY, REFUEL, DURATION-R6, FREQ-RHR2B, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-RBW1-XHE-R-4, LPR-CCF-PG-SUMP1
2116	99.8	0.0	1.051E-010	UNITY, AFW-MDP-MA-FW3B, DCP-BAT-LP-BAT1A, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-E1
2117	99.8	0.0	1.051E-010	UNITY, AFW-MDP-MA-FW3B, CCW-MDP-FR-CCP1B, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-E1
2118	99.8	0.0	1.051E-010	UNITY, AFW-MDP-MA-FW3B, RHR-MDP-FR-B24HR, PROB-W2D6, DR-MT, DURATION-D6, FREQ-4KV, H-4KV-REC-W2, R-W2D6-XHE-C-E1

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2119	99.8	0.0	1.050E-010	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, HPI-MOV-FT-1115B, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
2120	99.8	0.0	1.050E-010	UNITY, ACP-BAC-ST-4KV1J, ACP-INV-NO-UPSB1, HPI-MOV-FT-1115C, REFUEL, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
2121	99.8	0.0	1.050E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, REFUEL, LPR-MOV-FT-1890B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
2122	99.8	0.0	1.050E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, REFUEL, LPI-MDP-FS-SI1B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-SI
2123	99.8	0.0	1.050E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, A-R3W1-XHE-FL-9
2124	99.8	0.0	1.048E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, /PZR-SV-REMOVEDW1, H-4KV-REC-W1, FREQ-4KV
2125	99.8	0.0	1.045E-010	UNITY, LOSEP, OEP-CCF-FS-DG13, PROB-W2D6, DR-MT, DURATION-D6, FREQ-VB
2126	99.8	0.0	1.044E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR4, D-R4W2-XHE
2127	99.8	0.0	1.043E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG123, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-RHR5
2128	99.8	0.0	1.043E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, PPS-MOV-FT-1536, FREQ-RHR3, PORV-PATH-CLSD, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
2129	99.8	0.0	1.041E-010	UNITY, LPI-CCF-FS-SI1AB, PROB-RHR2A, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
2130	99.8	0.0	1.041E-010	UNITY, LPI-CCF-FS-SI1AB, PROB-RHR2A, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
2131	99.8	0.0	1.040E-010	UNITY, REFUEL, MSS-AOV-FC-101A, DURATION-R6, MSS-AOV-MA-101C, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
2132	99.8	0.0	1.040E-010	UNITY, REFUEL, MSS-AOV-FC-101C, DURATION-R6, MSS-AOV-MA-101A, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4

Partition Cut Set Report

Family->RHRMODEL

Mincut Upper Bound -> 4.868E-006

End State ->CD

This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2133	99.8	0.0	1.040E-010	UNITY, REFUEL, MSS-AOV-FC-101B, DURATION-R6, MSS-AOV-MA-101A, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
2134	99.8	0.0	1.040E-010	UNITY, REFUEL, MSS-AOV-FC-101A, DURATION-R6, MSS-AOV-MA-101B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
2135	99.8	0.0	1.040E-010	UNITY, REFUEL, MSS-AOV-FC-101B, DURATION-R6, MSS-AOV-MA-101C, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
2136	99.8	0.0	1.040E-010	UNITY, REFUEL, MSS-AOV-FC-101C, DURATION-R6, MSS-AOV-MA-101B, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L3, NRAC262, A-L3W2-XHE-CW-4
2137	99.8	0.0	1.039E-010	UNITY, LOSEP, OEP-DGN-FR-DG01, OEP-DGN-FS-DG03, PROB-W2D6, DR-MT, DURATION-D6, FREQ-SI
2138	99.8	0.0	1.039E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, /PZR-SV-REMOVEDW3, PROB-W3R6A, R-C1W1D6A-XHE-R
2139	99.8	0.0	1.039E-010	UNITY, DCP-BAT-LP-BAT1B, REFUEL, DURATION-R6, ACP-BCH-MA-UPSB1, ACP-BCH-MA-UPSB2, PROB-W1R6, PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
2140	99.8	0.0	1.036E-010	UNITY, ACP-INV-NO-UPSA2, REFUEL, LPR-CCF-FT-890AB, DURATION-R6, PZR-SV-REMOVEDW3, PROB-W3R6, H-4KV-REC-W3, FREQ-4KV
2141	99.8	0.0	1.034E-010	UNITY, REFUEL, LOSEP, OEP-CCF-FS-DG123, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-4KV
2142	99.8	0.0	1.033E-010	UNITY, PPS-MOV-FT-1536, CCW-LF-RHE2B, PORV-PATH-CLSD, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2
2143	99.8	0.0	1.032E-010	UNITY, REFUEL, LPI-MDP-FS-SI1B, RHR-CCF-FS-MDPAB, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, FREQ-SI
2144	99.8	0.0	1.032E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-FS-SW10B, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR2B, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
2145	99.8	0.0	1.032E-010	UNITY, CPC-MDP-FR-SW20A, REFUEL, PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10, FREQ-B1, NRAC455
2146	99.8	0.0	1.025E-010	UNITY, HPI-MDP-FR-1A6HR, LPI-CCF-FS-SI1AB, PROB-RHR2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2147	99.8	0.0	1.025E-010	UNITY, ACP-BAC-ST-4KV1J, RHR-MDP-FS-RHR1A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2148	99.8	0.0	1.025E-010	UNITY, ACP-BAC-ST-4KV1H, CCW-MDP-FS-CCP1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2149	99.8	0.0	1.025E-010	UNITY, ACP-BAC-ST-4KV1H, RHR-MDP-FS-RHR1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2150	99.8	0.0	1.025E-010	UNITY, ACP-BAC-ST-V1III, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2151	99.9	0.0	1.025E-010	UNITY, DCP-BDC-ST-BUS1B, RHR-MDP-FS-RHR1A, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2152	99.9	0.0	1.025E-010	UNITY, IAS-CCF-LF-INAIR, PROB-W1D6, LPR-CCF-PG-SUMP1, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2153	99.9	0.0	1.025E-010	UNITY, ACP-BAC-ST-VB1II, LPI-MDP-FS-SI1B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2154	99.9	0.0	1.025E-010	UNITY, LPI-MDP-FS-SI1B, RHR-CCF-FS-MDPAB, PROB-W1D6, FREQ-RHR5, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
2155	99.9	0.0	1.024E-010	UNITY, REFUEL, DURATION-R6, CCW-LF-RHE2A, PROB-W1R6, /PZR-SV-REMOVEDW1, FREQ-L2, NRAC200, /PROB-1HFAILEDL2, A-L2W1-XHE-S1-17, 2EH1L2
2156	99.9	0.0	1.023E-010	UNITY, ACP-INV-NO-UPSA2, CPC-MDP-MA-SW10B, ACP-BAC-MA-1H1, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, R-W1D6-XHE-C-A3
2157	99.9	0.0	1.023E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW3, PROB-W3R6, A-R3W3-XHE-FL-7
2158	99.9	0.0	1.023E-010	UNITY, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12
2159	99.9	0.0	1.022E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, CCW-LF-RHE2B, PZR-SV-REMOVEDW3, PROB-W3R6, A-VBW3-XHE-FL-10, H-VB-REC-W3, FREQ-VB
2160	99.9	0.0	1.021E-010	UNITY, HPI-CKV-FT-CV410, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW2, PROB-W2R6A

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2161	99.9	0.0	1.021E-010	UNITY, HPI-CKV-FT-CV25, REFUEL, LPI-MDP-FS-SI1B, PROB-RHR2A, PZR-SV-REMOVEDW2, PROB-W2R6A
2162	99.9	0.0	1.020E-010	UNITY, CON-VFC-RP-COREM, REFUEL, SGS-DRAINED-R, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
2163	99.9	0.0	1.018E-010	UNITY, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, FREQ-L2, NRAC200, PROB-1HFAILEDL2, R-L2W1-13-C-C
2164	99.9	0.0	1.017E-010	UNITY, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, SGC-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
2165	99.9	0.0	1.017E-010	UNITY, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, SGB-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
2166	99.9	0.0	1.017E-010	UNITY, REFUEL, LPI-CCF-FS-SI1AB, DURATION-R6, SGA-DRAINED-R, FREQ-RHR3, PROB-W1R6, /PZR-SV-REMOVEDW1
2167	99.9	0.0	1.017E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, LPI-MDP-FS-SI1B, PROB-RHR2A, SGA-DRAINED-R, DR-MT, PROB-W2D6A
2168	99.9	0.0	1.017E-010	UNITY, CPC-MDP-MA-SW10B, CPC-STR-PG-STR2A, LPI-MDP-FS-SI1B, PROB-RHR2A, SGB-DRAINED-R, DR-MT, PROB-W2D6A
2169	99.9	0.0	1.016E-010	UNITY, ACP-BAC-ST-4801J, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
2170	99.9	0.0	1.016E-010	UNITY, ACP-BAC-ST-1J1-2, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
2171	99.9	0.0	1.016E-010	UNITY, ACP-BAC-ST-1J1, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
2172	99.9	0.0	1.016E-010	UNITY, ACP-BAC-ST-4KV1H, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, A-SIW1-XHE-R-12, R-W1D6-XHE-C-A3
2173	99.9	0.0	1.015E-010	UNITY, LPR-MOV-FT-1862B, PROB-RHR2A, RHR-ASF-PG-1605, DR-MT, PROB-W1D6A, R-A1W1D6-XHE-C
2174	99.9	0.0	1.015E-010	UNITY, LPI-MDP-FS-SI1B, RHR-CCF-FS-MDPAB, PROB-W1D6, DR-MT, DURATION-D6, FREQ-4KV, R-W1D6-XHE-C-A3

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2175	99.9	0.0	1.014E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, OSR-TRA-MA, ISR-TRA-MA, PROB-W1D6, DR-MT, DURATION-D6, FREQ-SI, A-SIW1-XHE-R-3, R-W1D6-XHE-C-A3
2176	99.9	0.0	1.013E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115C, REFUEL, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
2177	99.9	0.0	1.013E-010	UNITY, ACP-BAC-ST-4KV1J, HPI-MOV-FT-1115B, REFUEL, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
2178	99.9	0.0	1.013E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPI-MDP-FS-SI1B, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
2179	99.9	0.0	1.013E-010	UNITY, ACP-BAC-ST-4KV1H, REFUEL, LPR-MOV-FT-1890B, FREQ-RHR3, /PZR-SV-REMOVEDW4, PROB-W4R10, FRAC-POS10, DURATION-R10
2180	99.9	0.0	1.013E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, FREQ-CCW, LPI-MDP-FS-SI1B, H-CCW-REC-W2, PROB-W2D6, A-CCW2-XHE-S1-8, DR-MT, DURATION-D6
2181	99.9	0.0	1.012E-010	UNITY, ACP-BAC-ST-4KV1H, ACP-INV-NO-UPSA2, LOOPISOLATED2R6, REFUEL, DURATION-R6, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, /NRAC262
2182	99.9	0.0	1.011E-010	UNITY, REFUEL, DURATION-R6, PZR-SV-REMOVEDW4, PROB-W4R6, FREQ-L1, NRAC455, I-L1W4-XHE
2183	99.9	0.0	1.009E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, REFUEL, DURATION-R6, FREQ-RHR3, A-R3W2-XHE-S1-8, /PZR-SV-REMOVEDW2, PROB-W2R6, LPR-CCF-PG-SUMP2, R-A7W2R6-XHE-C
2184	99.9	0.0	1.009E-010	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101A, PPS-MOV-FT-1536, PROB-W2D6, PORV-PATH-CLSD, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
2185	99.9	0.0	1.009E-010	UNITY, ACP-INV-NO-UPSA2, MSS-AOV-FC-101B, PPS-MOV-FT-1536, PROB-W2D6, PORV-PATH-CLSD, DR-MT, DURATION-D6, FREQ-L2, NRAC262, PROB-1HFAILEDL2
2186	99.9	0.0	1.009E-010	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, RHR-MDP-FS-RHR1B, CCW-LF-RHE2A, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C
2187	99.9	0.0	1.009E-010	UNITY, LPI-MDP-FS-SI1B, PROB-RHR2A, RHR-MDP-FS-RHR1A, CCW-LF-RHE2B, DR-MT, PROB-W1D6A, R-A3W1D6-XHE-C

Partition Cut Set Report

Family->RHRMODEL
Mincut Upper Bound -> 4.868E-006

End State ->CD
This Partition -> 4.868E-006

Cut No.	% Total	% Cut Set	Frequency	Cut Sets
2188	99.9	0.0	1.008E-010	UNITY, REFUEL, PROB-RHR2A, RHR-CCF-FS-MDPAB, /PZR-SV-REMOVEDW1, A-RAW1-XHE-S1-9, PROB-W1R6A, LPR-CCF-PG-SUMP1
2189	99.9	0.0	1.008E-010	UNITY, ACP-TFM-NO-1J, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
2190	99.9	0.0	1.008E-010	UNITY, ACP-TFM-NO-1J1, CCW-LF-RHE2B, PROB-W1D6, DR-MT, DURATION-D6, H-SI-REC-W1, FREQ-SI, R-W1D6-XHE-C-A3
2191	99.9	0.0	1.007E-010	UNITY, LOSP, PROB-RHR2A, DR-MT, A-RAW1-XHE-C-9, PROB-W1D6A, R-A3W1D6-XHE-C
2192	99.9	0.0	1.007E-010	UNITY, REFUEL, LOSP, OEP-DGN-FR-DG01, DURATION-R6, FREQ-RHR3, /PZR-SV-REMOVEDW2, PROB-W2R6
2193	99.9	0.0	1.004E-010	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-1SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
2194	99.9	0.0	1.004E-010	UNITY, REFUEL, DURATION-R6, SAS-CPS-FR-2SAC1, IAS-CPS-FS-IAC-1, /PZR-SV-REMOVEDW2, PROB-W2R6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19
2195	99.9	0.0	1.004E-010	UNITY, ACP-INV-NO-UPSA2, PROB-W2D6, DR-MT, DURATION-D6, H-4KV-REC-W2, FREQ-4KV, A-4KW2-XHE-FL-19, A-4KW2-XHE-S2-17
2196	99.9	0.0	1.003E-010	UNITY, CON-VFC-RP-COREM, REFUEL, RHR-MDP-FS-RHR1B, DURATION-R6, OSR-TRA-MA, ISR-TRA-MA, PROB-W1R6, LOOPISOLATED1R6, /PZR-SV-REMOVEDW1, H-SI-REC-W1, FREQ-SI
2197	99.9	0.0	1.002E-010	UNITY, LOOPISOLATED2R6, REFUEL, ISR-MDP-FS-RS1A, DURATION-R6, OSR-TRA-MA, /PZR-SV-REMOVEDW2, PROB-W2R6, FREQ-L2, NRAC262, 2EH1L2, A-L2W2-XHE-R-4
2198	99.9	0.0	1.002E-010	UNITY, ISR-MDP-FS-RS1A, LPI-MDP-FR-B24HR, OSR-TRA-MA, FREQ-RHR3, PROB-W1D6, DR-MT, DURATION-D6, R-A3W1D6-XHE-C
2199	100.0	0.0	1.001E-010	UNITY, ACP-TFM-NO-1J, CPC-MDP-FR-SW10A, REFUEL, PROB-RHR2A, PZR-SV-REMOVEDW4, FRAC-POS10, PROB-W4R10A, CPC-MDP-MA0SW10B
2200	100.0	0.0	1.001E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, SGB-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2, R-A7W2R6-XHE-C
2201	100.0	0.0	1.001E-010	UNITY, CPC-MDP-FR-SW10A, CPC-MDP-MA-SW10B, SGA-DRAINED-R, FREQ-RHR3, PROB-W2D6, DR-MT, DURATION-D6, LPR-CCF-PG-SUMP2, R-A7W2R6-XHE-C

Appendix F.4

**Basic Event Importance Based on Cutsets with Recovery
Actions**

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
UNITY	2201	1.000E+000	1.000E+000	-----	1.000E+000
DR-MT	856	1.200E+000	6.428E-001	2.800E+000	8.929E-001
DURATION-D6	689	2.550E+002	5.901E-001	2.439E+000	4.123E-001
REFUEL	1345	6.000E-001	3.571E-001	1.556E+000	1.238E+000
PROB-W1D6	419	1.170E-001	2.735E-001	1.377E+000	3.064E+000
DURATION-R6	813	2.380E+002	2.607E-001	1.353E+000	7.404E-001
FREQ-L1	78	6.197E-006	2.365E-001	1.310E+000	3.516E+004
PROB-W2D6	181	4.360E-001	1.772E-001	1.215E+000	1.229E+000
FREQ-SI	362	1.060E-004	1.713E-001	1.207E+000	1.611E+003
PROB-W3D6	63	3.750E-001	1.341E-001	1.155E+000	1.224E+000
PROB-W2R6	307	5.430E-001	1.314E-001	1.151E+000	1.111E+000
PROB-RHR2A	497	1.620E-002	9.956E-002	1.111E+000	7.046E+000
D-L1W2-XHE	6	3.600E-004	9.667E-002	1.107E+000	2.693E+002
LPR-CCF-PG-SUMP1	198	1.000E-002	9.645E-002	1.107E+000	1.055E+001
R-W1D6-XHE-C-A3	247	1.000E-001	9.605E-002	1.106E+000	1.864E+000
FREQ-RHR3	266	4.090E-006	9.478E-002	1.105E+000	2.206E+004
D-L1W3-XHE	9	3.600E-004	8.037E-002	1.087E+000	2.241E+002
FREQ-4KV	276	2.100E-005	8.017E-002	1.087E+000	3.785E+003
R-A3W1D6-XHE-C	228	1.000E-001	7.423E-002	1.080E+000	1.668E+000
PROB-W3R6	114	4.100E-001	7.270E-002	1.078E+000	1.105E+000
FRAC-POS10	291	5.000E-001	6.054E-002	1.064E+000	1.061E+000
FREQ-L2	108	7.368E-007	5.865E-002	1.062E+000	6.706E+004
FREQ-CCW	122	3.760E-006	5.528E-002	1.059E+000	1.428E+004
D-SIW2-XHE	3	1.200E-005	5.512E-002	1.058E+000	4.569E+003
PROB-W1R6	371	1.700E-002	5.456E-002	1.058E+000	4.155E+000
H-CCW-REC-W1	103	8.000E-001	5.344E-002	1.056E+000	1.013E+000
LPI-MDP-FS-SI1B	288	3.000E-003	5.112E-002	1.054E+000	1.799E+001
DURATION-R10	202	4.440E+002	4.973E-002	1.052E+000	9.504E-001
FREQ-B1	76	1.952E-008	4.694E-002	1.049E+000	2.054E+005
PROB-W4R10	176	9.840E-001	4.658E-002	1.049E+000	1.001E+000
D-SIW3-XHE	5	1.200E-005	4.583E-002	1.048E+000	3.803E+003
NRAC262	130	2.600E-001	4.005E-002	1.042E+000	1.114E+000
D-L1W1-XHE	4	8.200E-004	3.988E-002	1.042E+000	4.959E+001
LOOPISOLATED2R6	243	7.000E-001	3.884E-002	1.040E+000	1.017E+000
FREQ-B2	18	3.167E-009	3.868E-002	1.040E+000	3.572E+005
NRAC200	100	3.200E-001	3.781E-002	1.039E+000	1.080E+000
PROB-W1D6A	130	3.100E-001	3.431E-002	1.036E+000	1.076E+000
LOOPISOLATED1R6	163	3.000E-001	3.296E-002	1.034E+000	1.077E+000
ACP-INV-NO-UPSA2	136	4.000E-002	3.064E-002	1.032E+000	1.735E+000
H-SI-REC-W1	118	3.500E-001	3.005E-002	1.031E+000	1.056E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
 Family : RHRMODEL EndState : CD
 Analysis : RANDOM
 Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
H-4KV-REC-W1	75	1.800E-002	2.967E-002	1.031E+000	2.619E+000
CCW-LF-RHE2B	147	1.860E-002	2.832E-002	1.029E+000	2.494E+000
FREQ-RHR5	61	2.120E-005	2.797E-002	1.029E+000	1.317E+003
FREQ-SR	16	1.810E-008	2.498E-002	1.026E+000	2.055E+005
FREQ-L3	92	3.810E-008	2.475E-002	1.025E+000	2.029E+005
D-L2W2-XHE	6	7.400E-004	2.363E-002	1.024E+000	3.290E+001
CPC-MDP-FR-SW10A	212	3.840E-003	2.149E-002	1.022E+000	6.575E+000
CPC-MDP-MA-SW10B	245	9.274E-001	2.102E-002	1.021E+000	1.002E+000
PROB-W2R6A	113	7.000E-001	2.096E-002	1.021E+000	1.009E+000
LOSP	207	1.670E-004	2.053E-002	1.021E+000	1.239E+002
D-RAW1-XHE	2	1.500E-005	2.029E-002	1.021E+000	1.353E+003
D-L2W3-XHE	8	7.400E-004	1.962E-002	1.020E+000	2.750E+001
D-SIW1-XHE	2	2.300E-005	1.913E-002	1.020E+000	8.326E+002
FREQ-VB	45	5.580E-006	1.865E-002	1.019E+000	3.321E+003
H-4KV-REC-W2	98	1.300E-002	1.758E-002	1.018E+000	2.335E+000
D-RAW2-XHE	3	5.100E-006	1.637E-002	1.017E+000	3.199E+003
NRAC346	71	1.900E-001	1.633E-002	1.017E+000	1.070E+000
OSR-TRA-MA	103	2.500E-001	1.633E-002	1.017E+000	1.049E+000
A-B1W1-XHE-2CH-8	2	3.300E-001	1.618E-002	1.016E+000	1.033E+000
D-L1W4-XHE	10	8.000E-005	1.608E-002	1.016E+000	2.020E+002
LPR-CCF-PG-SUMP2	103	1.000E-001	1.582E-002	1.016E+000	1.142E+000
R-B2W2-2	2	4.320E-001	1.513E-002	1.015E+000	1.020E+000
NRAC455	67	1.400E-001	1.453E-002	1.015E+000	1.089E+000
FREQ-RHR2B	131	1.220E-005	1.444E-002	1.015E+000	1.182E+003
ISR-TRA-MA	87	2.500E-001	1.440E-002	1.015E+000	1.043E+000
PROB-W2D6A	28	4.540E-001	1.361E-002	1.014E+000	1.016E+000
CON-VFC-RP-COREM	64	2.000E-002	1.280E-002	1.013E+000	1.627E+000
ACP-BAC-ST-4KV1J	104	9.000E-005	1.242E-002	1.013E+000	1.389E+002
D-R5W2-XHE	3	1.200E-005	1.102E-002	1.011E+000	9.186E+002
D-SRW2-XHE	3	1.400E-002	1.098E-002	1.011E+000	1.773E+000
D-4KW2-XHE	3	1.200E-005	1.092E-002	1.011E+000	9.100E+002
PROB-W4R10A	86	9.800E-001	1.059E-002	1.011E+000	1.000E+000
ACP-BCH-MA-UPSB2	48	4.003E-001	9.667E-003	1.010E+000	1.014E+000
ACP-BCH-MA-UPSB1	48	4.003E-001	9.667E-003	1.010E+000	1.014E+000
DCP-BAT-LP-BAT1B	47	7.200E-004	9.641E-003	1.010E+000	1.438E+001
D-B1W2-XHE	3	4.300E-002	9.456E-003	1.010E+000	1.210E+000
ACP-INV-NO-UPSB1	74	4.000E-002	9.379E-003	1.009E+000	1.225E+000
D-R5W3-XHE	4	1.200E-005	9.156E-003	1.009E+000	7.633E+002
D-SRW3-XHE	4	1.400E-002	9.120E-003	1.009E+000	1.642E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
D-4KW3-XHE	4	1.200E-005	9.069E-003	1.009E+000	7.561E+002
DCP-BDC-ST-BUS1B	47	9.000E-005	8.048E-003	1.008E+000	9.040E+001
PROB-W1R6A	75	5.820E-002	7.988E-003	1.008E+000	1.129E+000
HPI-MDP-FR-1A6HR	59	3.780E-004	7.652E-003	1.008E+000	2.123E+001
CPC-MDP-MA0SW10B	58	4.473E-001	7.459E-003	1.008E+000	1.009E+000
ACP-BAC-ST-4KV1H	94	9.000E-005	7.301E-003	1.007E+000	8.210E+001
A-L3W1-XHE-CW-4	10	7.500E-002	7.283E-003	1.007E+000	1.090E+000
PROB-W3R6A	53	2.400E-001	7.003E-003	1.007E+000	1.022E+000
D-RAW3-XHE	4	5.100E-006	6.821E-003	1.007E+000	1.336E+003
FREQ-RHR4	46	5.280E-006	6.561E-003	1.007E+000	1.240E+003
LPI-CCF-FS-SI1AB	65	4.500E-004	6.554E-003	1.007E+000	1.556E+001
D-VBW2-XHE	3	2.700E-005	6.528E-003	1.007E+000	2.427E+002
R-W2D6-XHE-C-A9	45	2.240E-002	6.487E-003	1.007E+000	1.283E+000
A-R3W2-XHE-X	16	1.000E-003	6.420E-003	1.006E+000	7.413E+000
IAS-CPS-FS-IAC-1	77	8.000E-002	6.265E-003	1.006E+000	1.072E+000
2EH1L2	57	1.810E-001	6.059E-003	1.006E+000	1.027E+000
AFW-MDP-MA-FW3B	51	5.272E-001	5.983E-003	1.006E+000	1.005E+000
D-L2W1-XHE	4	1.000E-003	5.782E-003	1.006E+000	6.776E+000
D-B1W3-XHE	4	4.300E-002	5.740E-003	1.006E+000	1.128E+000
D-VBW3-XHE	4	2.700E-005	5.422E-003	1.005E+000	2.018E+002
PROB-W4D6	26	7.200E-002	5.189E-003	1.005E+000	1.067E+000
CCW-LF-RHE2A	55	1.860E-002	5.181E-003	1.005E+000	1.273E+000
A-SIW1-XHE-R-12	27	8.500E-003	5.150E-003	1.005E+000	1.601E+000
A-L3W2-XHE-CW-4	23	1.900E-002	5.099E-003	1.005E+000	1.263E+000
LPR-MOV-FT-1862B	32	5.200E-003	4.828E-003	1.005E+000	1.924E+000
HPI-CCF-FT-115BD	40	2.600E-004	4.813E-003	1.005E+000	1.951E+001
PROB-W3D6A	8	2.100E-001	4.759E-003	1.005E+000	1.018E+000
R-B1W2-23-A	8	3.610E-001	4.520E-003	1.005E+000	1.008E+000
LPR-MOV-FT-1890B	49	3.000E-003	4.447E-003	1.004E+000	2.478E+000
R-B2W3-2	1	3.080E-001	4.368E-003	1.004E+000	1.010E+000
OEP-DGN-FS-DG01	32	2.200E-002	3.877E-003	1.004E+000	1.172E+000
A-R3W1-XHE-C-8	6	1.000E-003	3.836E-003	1.004E+000	4.832E+000
D-R5W1-XHE	2	2.300E-005	3.826E-003	1.004E+000	1.674E+002
D-4KW1-XHE	2	2.300E-005	3.790E-003	1.004E+000	1.658E+002
D-SIW4-XHE	5	1.100E-006	3.783E-003	1.004E+000	3.423E+003
OEP-DGN-FC-DG3U2	45	3.400E-002	3.726E-003	1.004E+000	1.106E+000
A-B1W1-XHE-CW-8	2	7.500E-002	3.676E-003	1.004E+000	1.045E+000
RHR-MDP-FS-RHR1B	32	3.000E-003	3.673E-003	1.004E+000	2.221E+000
SAS-CPS-FR-1SAC1	53	4.800E-003	3.652E-003	1.004E+000	1.757E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
SAS-CPS-FR-2SAC1	53	4.800E-003	3.652E-003	1.004E+000	1.757E+000
D-VBW1-XHE	2	8.000E-005	3.503E-003	1.004E+000	4.478E+001
R-W2D6-XHE-C-E1	18	7.600E-003	3.398E-003	1.003E+000	1.444E+000
ACP-BAC-ST-1H1	40	9.000E-005	3.372E-003	1.003E+000	3.846E+001
A-RAW1-XHE-R-4	18	1.200E-003	3.329E-003	1.003E+000	3.771E+000
H-4KV-REC-W3	24	9.000E-003	3.294E-003	1.003E+000	1.363E+000
H-4KV-REC-W4	28	8.000E-003	3.246E-003	1.003E+000	1.403E+000
OEP-CCF-FS-DG13	30	8.400E-004	3.150E-003	1.003E+000	4.747E+000
PROB-W3R10	26	1.600E-002	3.144E-003	1.003E+000	1.193E+000
D-L3W2-XHE	4	1.900E-003	3.137E-003	1.003E+000	2.648E+000
A-4KW1-XHE-R-12	6	8.500E-003	3.075E-003	1.003E+000	1.359E+000
OEP-CRB-FT-15H3	24	3.000E-003	3.036E-003	1.003E+000	2.009E+000
SGB-DRAINED-R	38	2.300E-002	2.983E-003	1.003E+000	1.127E+000
SGA-DRAINED-R	38	2.300E-002	2.983E-003	1.003E+000	1.127E+000
A-4KW2-XHE-FL-19	17	1.300E-002	2.917E-003	1.003E+000	1.221E+000
A-B1W2-XHE-2CH-8	2	3.700E-002	2.883E-003	1.003E+000	1.075E+000
A-CCW1-XHE-C-9	6	1.000E-003	2.821E-003	1.003E+000	3.818E+000
D-SRW4-XHE	5	4.800E-003	2.819E-003	1.003E+000	1.584E+000
D-RBW2-XHE	3	5.100E-006	2.696E-003	1.003E+000	5.293E+002
R-LOSP-DG01	21	1.250E-001	2.670E-003	1.003E+000	1.019E+000
D-L3W3-XHE	6	1.900E-003	2.583E-003	1.003E+000	2.357E+000
MSS-AOV-FC-101B	37	1.500E-001	2.577E-003	1.003E+000	1.015E+000
MSS-AOV-FC-101A	37	1.500E-001	2.577E-003	1.003E+000	1.015E+000
CPC-STR-PG-STR2A	27	1.800E-004	2.570E-003	1.003E+000	1.528E+001
LPR-MOV-FT-1860B	14	3.000E-003	2.522E-003	1.003E+000	1.838E+000
D-L2W4-XHE	7	1.000E-004	2.361E-003	1.002E+000	2.461E+001
D-RBW3-XHE	4	5.100E-006	2.239E-003	1.002E+000	4.398E+002
RHR-CCF-FS-MDPAB	24	4.500E-004	2.198E-003	1.002E+000	5.883E+000
OEP-DGN-FS-DG03	29	2.200E-002	2.157E-003	1.002E+000	1.096E+000
ACP-BAC-ST-1J1	24	9.000E-005	2.085E-003	1.002E+000	2.416E+001
ACP-BAC-ST-1J1-2	24	9.000E-005	2.085E-003	1.002E+000	2.416E+001
R-A1W1D6-XHE-C	10	1.080E-002	2.055E-003	1.002E+000	1.188E+000
PROB-W4R6	21	3.400E-002	2.033E-003	1.002E+000	1.058E+000
D-SRW1-XHE	2	1.400E-002	1.989E-003	1.002E+000	1.140E+000
OEP-DGN-FR-DG01	20	2.000E-003	1.955E-003	1.002E+000	1.976E+000
H-VB-REC-W1	26	3.000E-001	1.955E-003	1.002E+000	1.005E+000
ISR-MDP-FS-RS1A	16	3.800E-002	1.896E-003	1.002E+000	1.048E+000
A-SIW1-XHE-R-3	13	1.200E-003	1.888E-003	1.002E+000	2.571E+000
SGC-DRAINED-R	20	2.300E-002	1.857E-003	1.002E+000	1.079E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
R-W1D6-XHE-C-A1	7	1.080E-002	1.841E-003	1.002E+000	1.169E+000
A-L3W3-XHE-CW-4	11	1.900E-002	1.686E-003	1.002E+000	1.087E+000
A-R3W2-XHE-S1-8	19	4.200E-002	1.679E-003	1.002E+000	1.038E+000
CCW-MDP-FS-CCP1B	13	3.000E-003	1.657E-003	1.002E+000	1.551E+000
LPI-CKV-FT-CV50	18	1.000E-004	1.640E-003	1.002E+000	1.740E+001
HPI-MOV-FT-1115B	30	3.000E-003	1.635E-003	1.002E+000	1.543E+000
HPI-MOV-FT-1115C	30	3.000E-003	1.635E-003	1.002E+000	1.543E+000
HPI-CKV-FT-CV410	19	1.000E-004	1.623E-003	1.002E+000	1.723E+001
HPI-CKV-FT-CV25	19	1.000E-004	1.623E-003	1.002E+000	1.723E+001
A-L1W1-XHE-R-4	20	1.600E-002	1.621E-003	1.002E+000	1.100E+000
CPC-MDP-FS-SW20A	10	8.000E-003	1.519E-003	1.002E+000	1.188E+000
A-B1W2-XHE-CW-8	2	1.900E-002	1.481E-003	1.001E+000	1.076E+000
ACP-BAC-ST-4801J	18	9.000E-005	1.476E-003	1.001E+000	1.740E+001
D-RBW1-XHE	2	1.500E-005	1.436E-003	1.001E+000	9.673E+001
H-CCW-REC-W2	13	4.500E-001	1.390E-003	1.001E+000	1.002E+000
A-R3W1-XHE-S1-8	7	4.100E-002	1.370E-003	1.001E+000	1.032E+000
OEP-CCF-FS-DG123	21	4.000E-004	1.370E-003	1.001E+000	4.423E+000
D-R3W2-XHE	3	7.700E-006	1.365E-003	1.001E+000	1.782E+002
RHR-ASF-PG-1605	17	3.000E-004	1.357E-003	1.001E+000	5.521E+000
PZR-SV-REMOVEDW2	419	5.000E-002	1.319E-003	1.001E+000	1.025E+000
D-L3W1-XHE	4	4.300E-003	1.286E-003	1.001E+000	1.298E+000
ACP-TFM-NO-1H1	21	4.080E-005	1.261E-003	1.001E+000	3.191E+001
R-B1W2-23-AC	8	3.610E-001	1.244E-003	1.001E+000	1.002E+000
PORV-PATH-CLSD	17	5.000E-002	1.233E-003	1.001E+000	1.023E+000
D-RAW4-XHE	3	1.100E-006	1.190E-003	1.001E+000	1.082E+003
D-R4W2-XHE	3	5.100E-006	1.167E-003	1.001E+000	2.297E+002
R-A2W1D6-XHE-C	4	1.080E-002	1.130E-003	1.001E+000	1.104E+000
A-4KW1-XHE-S2-17	6	8.000E-002	1.121E-003	1.001E+000	1.013E+000
D-R3W3-XHE	3	7.700E-006	1.121E-003	1.001E+000	1.466E+002
ACP-CRB-CO-15J7	18	2.900E-005	1.118E-003	1.001E+000	3.956E+001
PPS-MOV-FT-1536	15	4.000E-002	1.105E-003	1.001E+000	1.027E+000
D-B1W1-XHE	2	2.200E-002	1.078E-003	1.001E+000	1.048E+000
R-W1D6-XHE-C-A2	6	1.080E-002	1.075E-003	1.001E+000	1.098E+000
D-VBW4-XHE	4	5.900E-006	1.058E-003	1.001E+000	1.803E+002
A-SIW1-XHE-S2-17	10	8.000E-002	1.054E-003	1.001E+000	1.012E+000
CCW-MDP-MA-CCP1B	8	2.000E-003	1.018E-003	1.001E+000	1.508E+000
R-A7W2R6-XHE-C	18	2.240E-002	1.017E-003	1.001E+000	1.044E+000
A-SIW1-XHE-C-18	6	1.000E-003	9.974E-004	1.001E+000	1.996E+000
MSS-AOV-FC-101C	20	1.500E-001	9.903E-004	1.001E+000	1.006E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
A-CCW1-XHE-S1-8	6	4.100E-002	9.887E-004	1.001E+000	1.023E+000
D-R4W3-XHE	3	5.100E-006	9.585E-004	1.001E+000	1.889E+002
LPI-CKV-FT-CV46B	12	1.000E-004	9.393E-004	1.001E+000	1.039E+001
A-VBW1-XHE-R-12	10	3.300E-002	9.267E-004	1.001E+000	1.027E+000
R-B1W2-123-C-A	2	4.292E-003	9.265E-004	1.001E+000	1.215E+000
R-C1W1D6A-XHE-R	8	4.170E-002	8.702E-004	1.001E+000	1.020E+000
H-SI-REC-W2	13	2.200E-001	8.446E-004	1.001E+000	1.003E+000
A-L2W2-XHE-R-4	11	5.900E-003	8.410E-004	1.001E+000	1.142E+000
ACP-TFM-NO-1J1	14	4.080E-005	8.137E-004	1.001E+000	2.094E+001
FREQ-AIR	7	2.120E-006	8.113E-004	1.001E+000	3.834E+002
MSS-NRV-MA-101A	16	5.000E-002	8.053E-004	1.001E+000	1.015E+000
MSS-NRV-MA-101B	16	5.000E-002	8.053E-004	1.001E+000	1.015E+000
ACP-CRB-CO-15H7	15	2.900E-005	7.952E-004	1.001E+000	2.842E+001
ACP-CRB-CO-14H15	15	2.900E-005	7.952E-004	1.001E+000	2.842E+001
R-A8W1R6-XHE-C	11	1.040E-001	7.561E-004	1.001E+000	1.007E+000
D-R3W1-XHE	2	2.300E-005	7.382E-004	1.001E+000	3.310E+001
D-R5W4-XHE	3	1.100E-006	7.333E-004	1.001E+000	6.671E+002
D-4KW4-XHE	3	1.100E-006	7.264E-004	1.001E+000	6.608E+002
LPR-CKV-FT-CV47	6	1.000E-004	7.010E-004	1.001E+000	8.009E+000
HPI-MDP-FS-CH2C	6	4.000E-003	6.946E-004	1.001E+000	1.173E+000
LPR-MOV-PG-1890B	16	6.600E-004	6.935E-004	1.001E+000	2.050E+000
RHR-MDP-FR-B24HR	10	7.200E-004	6.832E-004	1.001E+000	1.948E+000
DCP-BAT-LP-BAT1A	8	7.200E-004	6.819E-004	1.001E+000	1.946E+000
ACP-BAC-ST-1H1-1	10	9.000E-005	6.438E-004	1.001E+000	8.152E+000
OEP-CCF-FS-DG12	6	8.400E-004	6.400E-004	1.001E+000	1.761E+000
SGS-DRAINED-R	11	8.300E-003	6.238E-004	1.001E+000	1.075E+000
D-R4W1-XHE	2	1.500E-005	6.215E-004	1.001E+000	4.243E+001
RWT-TNK-LF-RWST	6	2.700E-006	6.096E-004	1.001E+000	2.267E+002
CPC-CCF-LF-STRAB	7	4.700E-005	5.879E-004	1.001E+000	1.351E+001
CPC-CCF-LF-STR1	7	4.700E-005	5.879E-004	1.001E+000	1.351E+001
HPR-MDP-FR-A18HR	7	1.224E-003	5.792E-004	1.001E+000	1.473E+000
MSS-AOV-MA-101A	10	5.000E-002	5.779E-004	1.001E+000	1.011E+000
MSS-AOV-MA-101B	10	5.000E-002	5.779E-004	1.001E+000	1.011E+000
D-CCW2-XHE	2	7.700E-006	5.542E-004	1.001E+000	7.296E+001
A-L3W4-XHE-CW-5	2	7.500E-003	5.504E-004	1.001E+000	1.073E+000
R-B1W3-23-A	2	1.120E-001	5.483E-004	1.001E+000	1.004E+000
D-CCW1-XHE	2	2.300E-005	5.429E-004	1.001E+000	2.460E+001
MSS-NRV-MA-101C	9	5.000E-002	5.368E-004	1.001E+000	1.010E+000
A-RAW1-XHE-C-9	10	1.000E-003	5.297E-004	1.001E+000	1.529E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
A-B1W3-XHE-2CH-8	2	3.700E-002	5.273E-004	1.001E+000	1.014E+000
R-W1R6-XHE-C-A11	6	1.040E-001	5.252E-004	1.001E+000	1.005E+000
ACP-TFM-NO-1J	8	4.080E-005	5.246E-004	1.001E+000	1.386E+001
RHR-MDP-FS-RHR1A	13	3.000E-003	5.213E-004	1.001E+000	1.173E+000
CPC-MDP-FS-2CC2A	6	3.000E-003	5.210E-004	1.001E+000	1.173E+000
A-4KW2-XHE-R-12	6	3.000E-003	4.987E-004	1.000E+000	1.166E+000
HPI-XVM-PG-XV24	6	4.000E-005	4.815E-004	1.000E+000	1.304E+001
A-B1W4-XHE-CW-8	2	7.500E-003	4.790E-004	1.000E+000	1.063E+000
D-L3W4-XHE	4	4.100E-004	4.637E-004	1.000E+000	2.130E+000
A-RAW2-XHE-X	10	1.000E-003	4.438E-004	1.000E+000	1.443E+000
LPI-XVM-PG-XV48	6	3.650E-005	4.324E-004	1.000E+000	1.285E+001
H-SI-REC-W3	7	1.600E-001	4.306E-004	1.000E+000	1.002E+000
H-CCW-REC-W3	5	2.500E-001	4.286E-004	1.000E+000	1.001E+000
ACP-CRB-CO-14J11	5	2.900E-005	4.254E-004	1.000E+000	1.567E+001
ACP-CRB-CO-14J14	5	2.900E-005	4.254E-004	1.000E+000	1.567E+001
D-RBW4-XHE	3	1.100E-006	4.220E-004	1.000E+000	3.845E+002
R-B2W4-2	1	2.090E-001	4.194E-004	1.000E+000	1.002E+000
H-SI-REC-W4	8	1.300E-001	3.936E-004	1.000E+000	1.003E+000
D-ARW2-XHE	2	1.200E-005	3.787E-004	1.000E+000	3.256E+001
PRNR-ARW2	2	3.500E-001	3.787E-004	1.000E+000	1.001E+000
CPC-MDP-FS-SW10B	6	8.000E-003	3.698E-004	1.000E+000	1.004E+000
RHR-XVM-PG-XV6	6	4.400E-004	3.557E-004	1.000E+000	1.808E+000
RHR-XVM-PG-XV2	6	4.400E-004	3.557E-004	1.000E+000	1.808E+000
SOLAIR-COMP	5	1.632E-001	3.458E-004	1.000E+000	1.002E+000
FIRE-PUMP	5	1.632E-001	3.458E-004	1.000E+000	1.002E+000
PRNR-ARW1	3	6.500E-001	3.450E-004	1.000E+000	1.000E+000
A-L1W2-XHE-R-4	8	5.900E-003	3.376E-004	1.000E+000	1.057E+000
CCW-MDP-FR-CCP1B	5	7.200E-004	3.357E-004	1.000E+000	1.466E+000
ACP-CRB-CO-14J1	5	2.900E-005	3.260E-004	1.000E+000	1.224E+001
R-C2W2D6A-XHE-R	4	4.170E-002	3.208E-004	1.000E+000	1.007E+000
LPI-MDP-FR-B24HR	5	7.200E-004	3.056E-004	1.000E+000	1.424E+000
A-R5W1-XHE-R-4	4	1.200E-003	3.043E-004	1.000E+000	1.253E+000
A-SIW2-XHE-FL-19	4	1.300E-002	3.039E-004	1.000E+000	1.023E+000
RHR-SRV-CO-1721	6	9.360E-005	3.038E-004	1.000E+000	4.245E+000
CCW-SO-RV118	6	9.330E-005	3.028E-004	1.000E+000	4.245E+000
CCW-SO-RV121	6	9.330E-005	3.028E-004	1.000E+000	4.245E+000
A-4KW1-XHE-R-3	4	1.200E-003	3.014E-004	1.000E+000	1.251E+000
A-VBW1-XHE-S2-17	6	4.000E-001	3.009E-004	1.000E+000	1.000E+000
ACP-BAC-ST-VB11I	6	9.000E-005	2.921E-004	1.000E+000	4.245E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
ACP-BAC-ST-V1111	6	9.000E-005	2.921E-004	1.000E+000	4.245E+000
CCW-AOV-XHE-109	8	1.700E-003	2.784E-004	1.000E+000	1.163E+000
A-B1W3-XHE-CW-8	2	1.900E-002	2.708E-004	1.000E+000	1.014E+000
A-L2W1-XHE-R-4	6	1.600E-002	2.653E-004	1.000E+000	1.016E+000
A-L1W1-XHE-C-17	2	1.000E-003	2.581E-004	1.000E+000	1.258E+000
AFW-MOV-MA-151A	5	7.260E-002	2.509E-004	1.000E+000	1.003E+000
D-CCW3-XHE	2	7.700E-006	2.489E-004	1.000E+000	3.333E+001
SSHR-AOV-XHE-105	8	1.300E-002	2.487E-004	1.000E+000	1.019E+000
LPI-MOV-PG-1862B	3	4.000E-005	2.409E-004	1.000E+000	7.021E+000
A-4KW3-XHE-FL-10	2	2.000E-003	2.397E-004	1.000E+000	1.120E+000
A-SIW1-XHE-C-9	6	1.000E-003	2.388E-004	1.000E+000	1.239E+000
R-L2W1-13-C-C	5	1.970E-003	2.368E-004	1.000E+000	1.120E+000
D-ARW1-XHE	1	2.300E-005	2.331E-004	1.000E+000	1.113E+001
PROB-W3R10A	3	2.200E-002	2.251E-004	1.000E+000	1.010E+000
A-R3W4-XHE-FL-7	3	1.200E-003	2.179E-004	1.000E+000	1.181E+000
A-RAW1-XHE-M-12	3	1.100E-004	2.150E-004	1.000E+000	2.954E+000
CCW-MDP-FS-CCP1A	4	3.000E-003	2.092E-004	1.000E+000	1.070E+000
A-4KW4-XHE-FL-13	2	1.100E-003	2.041E-004	1.000E+000	1.185E+000
HPI-CKV-OO-276U2	5	1.000E-003	1.974E-004	1.000E+000	1.197E+000
HPI-CKV-OO-267U2	5	1.000E-003	1.974E-004	1.000E+000	1.197E+000
OEP-BAC-ST-FDRF	3	9.000E-005	1.936E-004	1.000E+000	3.151E+000
A-R3W3-XHE-FL-3	1	1.200E-003	1.892E-004	1.000E+000	1.157E+000
A-R3W2-XHE-FL-9	1	1.200E-003	1.851E-004	1.000E+000	1.154E+000
OEP-CRB-FT-15J3	4	3.000E-003	1.850E-004	1.000E+000	1.061E+000
A-SIW1-XHE-FL-19	3	6.100E-002	1.828E-004	1.000E+000	1.003E+000
D-R4W4-XHE	3	1.100E-006	1.826E-004	1.000E+000	1.670E+002
MSS-AOV-MA-101C	6	5.000E-002	1.812E-004	1.000E+000	1.003E+000
LPI-MDP-FR-1B1HR	3	3.000E-005	1.807E-004	1.000E+000	7.021E+000
A-L3-XHE-S	3	1.800E-002	1.739E-004	1.000E+000	1.009E+000
SWS-MOV-OP-RSS	3	1.440E-003	1.739E-004	1.000E+000	1.121E+000
A-L3W2-XHE-R-4	5	5.900E-003	1.724E-004	1.000E+000	1.029E+000
A-4KW3-XHE-FL-13	4	8.000E-003	1.721E-004	1.000E+000	1.021E+000
A-B1W4-XHE-CW-5	1	7.500E-003	1.655E-004	1.000E+000	1.022E+000
A-RBW1-XHE-R-4	3	1.200E-003	1.616E-004	1.000E+000	1.135E+000
OEP-BAC-ST-FDRD	3	9.000E-005	1.604E-004	1.000E+000	2.782E+000
A-L2W3-XHE-R-4	2	5.900E-003	1.602E-004	1.000E+000	1.027E+000
AFW-MDP-FS-FW3B	5	6.300E-003	1.589E-004	1.000E+000	1.025E+000
CIR-COND-UNAVLBL	6	1.000E-002	1.577E-004	1.000E+000	1.016E+000
A-B1W2-XHE-2CH-4	1	3.700E-002	1.495E-004	1.000E+000	1.004E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
R-B1W3-23-AC	3	1.120E-001	1.469E-004	1.000E+000	1.001E+000
LPR-CCF-FT-862AB	2	2.600E-004	1.466E-004	1.000E+000	1.564E+000
LPR-CCF-FT-860AB	2	2.600E-004	1.466E-004	1.000E+000	1.564E+000
CPC-MDP-FR-SW20A	4	9.600E-004	1.454E-004	1.000E+000	1.151E+000
ACP-CRB-CO-14H14	3	2.900E-005	1.364E-004	1.000E+000	5.704E+000
CPC-MDP-FR-SW10B	3	3.840E-003	1.353E-004	1.000E+000	1.035E+000
CPC-MDP-FR-CC2A	3	7.200E-004	1.325E-004	1.000E+000	1.184E+000
A-R3W1-XHE-FL-9	2	1.000E-002	1.287E-004	1.000E+000	1.013E+000
LPR-CCF-FT-890AB	5	2.600E-004	1.284E-004	1.000E+000	1.494E+000
SAS-CCF-FR-SAC1	3	4.800E-004	1.216E-004	1.000E+000	1.253E+000
D-R3W4-XHE	2	1.100E-006	1.211E-004	1.000E+000	1.111E+002
PROB-W4D6A	1	2.600E-002	1.142E-004	1.000E+000	1.004E+000
R-B2W3-1-G	1	1.750E-002	1.140E-004	1.000E+000	1.006E+000
A-ARW1-XHE-R-5	2	8.500E-003	1.120E-004	1.000E+000	1.013E+000
IAS-CPS-FR-IAC-1	4	4.800E-003	1.100E-004	1.000E+000	1.023E+000
ISR-CCF-FS-RS1AB	2	4.200E-003	1.096E-004	1.000E+000	1.026E+000
A-L1W1-XHE-FL-14	1	6.100E-002	1.077E-004	1.000E+000	1.002E+000
OEP-DGN-FR-DG03	3	2.000E-003	1.058E-004	1.000E+000	1.053E+000
A-R4W2-XHE-X	1	1.000E-003	1.040E-004	1.000E+000	1.104E+000
2EH1-1	4	4.300E-004	1.037E-004	1.000E+000	1.241E+000
A-4KW2-XHE-FL-14	2	8.000E-003	1.019E-004	1.000E+000	1.013E+000
A-L2W1-XHE-FL-18	3	6.100E-002	1.002E-004	1.000E+000	1.002E+000
A-SIW3-XHE-FL-10	1	8.000E-003	9.727E-005	1.000E+000	1.012E+000
R-B1W1-13-C-C	1	1.970E-003	9.049E-005	1.000E+000	1.046E+000
R-E1W2D6-XHE-C	3	7.600E-003	8.888E-005	1.000E+000	1.012E+000
A-SIW3-XHE-FL-7	2	1.300E-002	8.883E-005	1.000E+000	1.007E+000
D-B1W4-XHE	2	1.200E-003	8.829E-005	1.000E+000	1.073E+000
D-ARW3-XHE	2	1.200E-005	8.750E-005	1.000E+000	8.291E+000
PRNR-ARW3	2	1.000E-001	8.750E-005	1.000E+000	1.001E+000
LPR-CCF-FT-863AB	2	2.600E-004	8.482E-005	1.000E+000	1.326E+000
CCW-AOV-PG-109B	2	4.000E-005	8.069E-005	1.000E+000	3.017E+000
CCW-XMV-PG-CC100	2	4.000E-005	8.069E-005	1.000E+000	3.017E+000
CCW-XMV-PG-CC220	2	4.000E-005	8.069E-005	1.000E+000	3.017E+000
ACP-BAC-MA-1J1	3	7.270E-006	8.053E-005	1.000E+000	1.208E+001
ACP-BAC-MA-1J1-2	3	7.270E-006	8.053E-005	1.000E+000	1.208E+001
A-B1W3-XHE-2CH-4	2	3.700E-002	8.006E-005	1.000E+000	1.002E+000
A-CCW1-XHE-FL-10	1	1.000E-002	7.878E-005	1.000E+000	1.008E+000
OSR-MDP-FS-RS2A	2	3.000E-003	7.830E-005	1.000E+000	1.026E+000
A-B1W2-XHE-CW-4	1	1.900E-002	7.679E-005	1.000E+000	1.004E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
Family : RHRMODEL EndState : CD
Analysis : RANDOM
Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
A-CCW2-XHE-FL-10	1	1.200E-003	7.658E-005	1.000E+000	1.064E+000
A-RAW1-XHE-S1-9	2	4.000E-002	7.592E-005	1.000E+000	1.002E+000
A-R4W1-XHE-C-9	1	1.000E-003	7.222E-005	1.000E+000	1.072E+000
A-B1W4-XHE-2CH-8	1	1.400E-003	7.210E-005	1.000E+000	1.051E+000
A-VBW2-XHE-FL-19	2	5.400E-002	7.183E-005	1.000E+000	1.001E+000
H-VB-REC-W2	2	2.000E-001	7.183E-005	1.000E+000	1.000E+000
R-L1W1-1-C	2	1.970E-002	6.987E-005	1.000E+000	1.003E+000
A-R3W4-XHE-FL-4	1	1.200E-003	6.809E-005	1.000E+000	1.057E+000
A-L2W1-XHE-S1-17	2	8.000E-002	6.627E-005	1.000E+000	1.001E+000
SWS-CCF-FT-3ABCD	2	6.300E-004	6.577E-005	1.000E+000	1.104E+000
HPI-MOV-FT-1115D	2	3.000E-003	6.408E-005	1.000E+000	1.021E+000
HPI-MOV-FT-1115E	2	3.000E-003	6.408E-005	1.000E+000	1.021E+000
A-VBW1-XHE-C-18	2	1.000E-003	6.352E-005	1.000E+000	1.063E+000
LPI-MDP-FR-1B6HR	2	1.800E-004	5.872E-005	1.000E+000	1.326E+000
ACP-CRB-CO-111	2	2.900E-005	5.850E-005	1.000E+000	3.017E+000
ACP-CRB-CO-11135	2	2.900E-005	5.850E-005	1.000E+000	3.017E+000
A-4KW2-XHE-S2-17	2	5.300E-003	5.615E-005	1.000E+000	1.011E+000
ACP-INV-MA-UPSA2	1	2.000E-004	5.559E-005	1.000E+000	1.278E+000
A-L3W1-XHE-R-4	2	1.600E-002	5.531E-005	1.000E+000	1.003E+000
RHR-CKV-FT-CV5	2	1.000E-004	5.508E-005	1.000E+000	1.551E+000
IAS-CCF-LF-INAIR	2	2.700E-005	5.447E-005	1.000E+000	3.017E+000
ACP-BAC-MA-1H1	2	7.270E-006	5.441E-005	1.000E+000	8.483E+000
ACP-CRB-CO-15H8	2	2.900E-005	5.136E-005	1.000E+000	2.771E+000
A-L1W1-XHE-FL-18	1	6.100E-002	5.069E-005	1.000E+000	1.001E+000
A-L1W1-XHE-C-13	1	1.000E-003	4.958E-005	1.000E+000	1.050E+000
ACP-BAC-ST-STB1J	2	9.000E-005	4.957E-005	1.000E+000	1.551E+000
A-VBW1-XHE-R-3	1	1.200E-003	4.924E-005	1.000E+000	1.041E+000
A-RAW2-XHE-R-4	1	5.200E-004	4.833E-005	1.000E+000	1.093E+000
D-B2W3-XHE	1	7.400E-003	4.819E-005	1.000E+000	1.006E+000
A-R4W1-XHE-R-4	1	1.200E-003	4.659E-005	1.000E+000	1.039E+000
ACP-BAC-MA-4801J	2	7.270E-006	4.593E-005	1.000E+000	7.317E+000
A-R5W2-XHE-X	2	1.000E-003	4.462E-005	1.000E+000	1.045E+000
A-CCW3-XHE-FL-5	1	1.200E-003	4.348E-005	1.000E+000	1.036E+000
A-R3W2-XHE-C-8	1	1.000E-003	4.332E-005	1.000E+000	1.043E+000
A-R3W3-XHE-S1-7	1	4.200E-002	4.326E-005	1.000E+000	1.001E+000
A-CCW2-XHE-X	1	1.000E-003	4.014E-005	1.000E+000	1.040E+000
A-SRW1-XHE-RC-3	1	2.900E-004	3.860E-005	1.000E+000	1.133E+000
R-B1W1-3-C	1	1.000E-001	3.675E-005	1.000E+000	1.000E+000
A-VBW1-XHE-FL-19	1	2.500E-001	3.617E-005	1.000E+000	1.000E+000

IMPORTANCE MEASURES REPORT (Alternate Cut Sets)
 Family : RHRMODEL EndState : CD
 Analysis : RANDOM
 Case : ALTERNATE

(Sorted by Fussell-Vesley Importance)

Event Name	Num. of Occ.	Probability of Failure	Fussell- Vesely Importance	Risk Reduction Ratio	Risk Increase Ratio
A-L3W1-XHE-S1-17	1	8.000E-002	3.611E-005	1.000E+000	1.000E+000
A-L3W4-XHE-R-5	1	1.600E-003	3.522E-005	1.000E+000	1.022E+000
A-SRW2-XHE-RC-3	1	1.200E-004	3.459E-005	1.000E+000	1.288E+000
A-SIW2-XHE-R-12	1	3.000E-003	3.430E-005	1.000E+000	1.011E+000
R-B1W1-123-C-C	1	1.080E-002	3.330E-005	1.000E+000	1.003E+000
R-L2W2-13-C-C	1	1.240E-003	3.311E-005	1.000E+000	1.027E+000
A-B1W4-XHE-2CH-5	1	1.400E-003	3.090E-005	1.000E+000	1.022E+000
A-VBW2-XHE-R-12	1	1.300E-002	2.955E-005	1.000E+000	1.002E+000
A-L2W3-XHE-FL-12	1	1.300E-002	2.880E-005	1.000E+000	1.002E+000
A-L1W2-XHE-X	1	1.000E-003	2.866E-005	1.000E+000	1.029E+000
ACC-CKV-FT-CV147	1	1.000E-004	2.780E-005	1.000E+000	1.278E+000
CCW-CKV-FT-CC563	1	1.000E-004	2.780E-005	1.000E+000	1.278E+000
A-B1W3-XHE-CW-4	1	1.900E-002	2.776E-005	1.000E+000	1.001E+000
A-L3W2-XHE-S1-17	1	5.300E-003	2.734E-005	1.000E+000	1.005E+000
ACP-CRB-CO-15J8	1	2.900E-005	2.690E-005	1.000E+000	1.928E+000
A-L3W2-XHE-FL-18	1	1.300E-002	2.668E-005	1.000E+000	1.002E+000
A-L3W3-XHE-R-4	1	5.900E-003	2.625E-005	1.000E+000	1.004E+000
R-B1W3-1-G	1	1.750E-002	2.599E-005	1.000E+000	1.001E+000
DCP-CCF-LP-BT1AB	1	5.800E-006	2.536E-005	1.000E+000	5.372E+000
A-SIW1-XHE-S2-8	1	4.000E-002	2.512E-005	1.000E+000	1.001E+000
DCP-BDC-ST-BUS1A	1	9.000E-005	2.502E-005	1.000E+000	1.278E+000
CCW-HTX-PG-E1A	1	1.368E-004	2.459E-005	1.000E+000	1.180E+000
CCW-HTX-MA-E1B	1	1.452E-001	2.459E-005	1.000E+000	1.000E+000
A-CCW4-XHE-G-6	1	1.000E+000	2.347E-005	1.000E+000	1.000E+000
H-CCW-REC-W4	1	1.500E-001	2.347E-005	1.000E+000	1.000E+000
R-D1W2R6-XHE-C	1	2.240E-002	2.292E-005	1.000E+000	1.001E+000
AFW-MOV-FT-151F	1	3.000E-003	2.239E-005	1.000E+000	1.007E+000
AFW-MOV-FT-151D	1	3.000E-003	2.239E-005	1.000E+000	1.007E+000
AFW-MOV-FT-151B	1	3.000E-003	2.239E-005	1.000E+000	1.007E+000
A-SIW1-XHE-FL-10	1	6.600E-002	2.199E-005	1.000E+000	1.000E+000
A-R3W3-XHE-FL-7	1	1.200E-003	2.102E-005	1.000E+000	1.017E+000
A-VBW3-XHE-FL-10	1	3.500E-002	2.100E-005	1.000E+000	1.001E+000
H-VB-REC-W3	1	1.500E-001	2.100E-005	1.000E+000	1.000E+000
A-CCW2-XHE-S1-8	1	4.200E-002	2.081E-005	1.000E+000	1.000E+000
PZR-SV-REMOVEDW1	446	1.000E-002	-2.164E-005	1.000E+000	9.979E-001
PROB-1HFAILEDL2	66	3.290E-001	-1.850E-003	9.982E-001	9.962E-001
PZR-SV-REMOVEDW4	283	3.000E-001	-1.907E-003	9.981E-001	9.956E-001
PROB-1HFAILEDL3	38	4.890E-001	-4.128E-003	9.959E-001	9.957E-001
PZR-SV-REMOVEDW3	196	9.000E-001	-1.783E-002	9.825E-001	9.980E-001

APPENDIX G

Basic Event Data Reports Extracted from IRRAS Data Base

APPENDIX G

Basic Event Data Reports Extracted from IRRAS Data Base

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AIM

Association for Information and Image Management

1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202

Centimeter

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APPENDIX G.1

Basic Events Overview Report

BASIC EVENTS OVERVIEW REPORT

Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1	2E31III 2E31III							FAILURE OF POWER TO VITAL BUS 2-III
2	2E41IV 2E41IV							FAILURE OF POWER TO VITAL BUS 2-IV
3	2EH1-1 2EH1-1							FAILURE OF 480V AC MCC-2H1-1
4	2EH1L2 2EH1L2							MCC 2H1-1 DOWN IN L2
5	2EJ1-1 2EJ1-1							FAILURE OF 480V AC MCC 2J1-1
6	A-4KD6-XHE-R-4 A-4KD6-XHE-R-4							FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF
1 7	A-4KW1-XHE-C-13 A-4KW1-XHE-C-13							Operator Failure to Establish High P Recirc in Window
1 8	A-4KW1-XHE-C-18 A-4KW1-XHE-C-18							Operator Failure to Establish High P Recirc in Window
1 9	A-4KW1-XHE-C-4 A-4KW1-XHE-C-4							Operator Failure to Establish High P Recirc in Window
1 10	A-4KW1-XHE-C-9 A-4KW1-XHE-C-9							Operator Failure to Establish High P Recirc in Window
11	A-4KW1-XHE-FH-10 A-4KW1-XHE-FH-10							Operator Failure to use HHSI in feed and spill in Windo
12	A-4KW1-XHE-FH-14 A-4KW1-XHE-FH-14							Operator Failure to use HHSI in feed and spill in Windo
13	A-4KW1-XHE-FH-19 A-4KW1-XHE-FH-19							Operator Failure to use HHSI in feed and spill in Windo
14	A-4KW1-XHE-FH-5 A-4KW1-XHE-FH-5							Operator Failure to use HHSI in feed and spill in Windo
15	A-4KW1-XHE-FL-10 A-4KW1-XHE-FL-10							Operator failure ot use LHSI in Feed and Spill in Windo
16	A-4KW1-XHE-FL-14 A-4KW1-XHE-FL-14							Operator failure ot use LHSI in Feed and Spill in Windo

BASIC EVENTS OVERVIEW REPORT

Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
17	A-4KW1-XHE-FL-19 A-4KW1-XHE-FL-19	Operator failure ot use LHSI in Feed and Spill in Windo						
18	A-4KW1-XHE-FL-5 A-4KW1-XHE-FL-5	Operator failure ot use LHSI in Feed and Spill in Windo						
19	A-4KW1-XHE-G-15 A-4KW1-XHE-G-15	Operator Failure to establish gravity feed in window 1						
20	A-4KW1-XHE-G-6 A-4KW1-XHE-G-6	Operator Failure to establish gravity feed in window 1						
21	A-4KW1-XHE-P-13 A-4KW1-XHE-P-13	Operator Failure to Establish Recirculation Spray in W1						
22	A-4KW1-XHE-P-18 A-4KW1-XHE-P-18	Operator Failure to Establish Recirculation Spray in W1						
23	A-4KW1-XHE-P-4 A-4KW1-XHE-P-4	Operator Failure to Establish Recirculation Spray in W1						
24	A-4KW1-XHE-P-9 A-4KW1-XHE-P-9	Operator Failure to Establish Recirculation Spray in W1						
25	A-4KW1-XHE-R-12 A-4KW1-XHE-R-12	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
26	A-4KW1-XHE-R-3 A-4KW1-XHE-R-3	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
27	A-4KW1-XHE-S1-17 A-4KW1-XHE-S1-17	Operator Failure to Feed SGs in Window 1-R3						
28	A-4KW1-XHE-S1-8 A-4KW1-XHE-S1-8	Operator Failure to Feed SGs in Window 1-R3						
29	A-4KW1-XHE-S2-17 A-4KW1-XHE-S2-17	Operator Failure to Bleed the SGs 1 given R3						
30	A-4KW1-XHE-S2-8 A-4KW1-XHE-S2-8	Operator Failure to Bleed the SGs 1 given R3						
31	A-4KW1-XHE-S3-17 A-4KW1-XHE-S3-17	Operator failure to establish reflux after PRT rupture						
32	A-4KW1-XHE-S3-8 A-4KW1-XHE-S3-8	Operator failure to establish reflux after PRT rupture						

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BASIC EVENTS OVERVIEW REPORT

Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
33	A-4KW2-XHE-C-13 A-4KW2-XHE-C-13	Operator Failure to Cross Connect RWST	Given	Successful				
34	A-4KW2-XHE-C-18 A-4KW2-XHE-C-18	Operator Failure to Establish High P Recirc in Window						
2								
35	A-4KW2-XHE-C-4 A-4KW2-XHE-C-4	Operator Failure to Establish High P Recirc in Window						
2								
36	A-4KW2-XHE-C-9 A-4KW2-XHE-C-9	Operator Failure to Establish High P Recirc in Window						
2								
37	A-4KW2-XHE-FH-10 A-4KW2-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
38	A-4KW2-XHE-FH-14 A-4KW2-XHE-FH-14	Operator Failure to use HHSI in feed and spill in Windo						
39	A-4KW2-XHE-FH-19 A-4KW2-XHE-FH-19	Operator Failure to use HHSI in feed and spill in Windo						
40	A-4KW2-XHE-FH-5 A-4KW2-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
41	A-4KW2-XHE-FL-10 A-4KW2-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						
42	A-4KW2-XHE-FL-14 A-4KW2-XHE-FL-14	Operator failure ot use LHSI in Feed and Spill in Windo						
43	A-4KW2-XHE-FL-19 A-4KW2-XHE-FL-19	Operator failure ot use LHSI in Feed and Spill in Windo						
44	A-4KW2-XHE-FL-5 A-4KW2-XHE-FL-5	Operator failure ot use LHSI in Feed and Spill in Windo						
45	A-4KW2-XHE-G-15 A-4KW2-XHE-G-15	Operator Failure to establish gravity feed in window 1						
46	A-4KW2-XHE-G-6 A-4KW2-XHE-G-6	Operator Failure to establish gravity feed in window 1						
47	A-4KW2-XHE-P-13 A-4KW2-XHE-P-13	Operator Failure to Establish Recirculation Spray in W1						
48	A-4KW2-XHE-P-18 A-4KW2-XHE-P-18	Operator Failure to Establish Recirculation Spray in W1						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
49	A-4KW2-XHE-P-4 A-4KW2-XHE-P-4	Operator Failure to Establish Recirculation Spray in W1						
50	A-4KW2-XHE-P-9 A-4KW2-XHE-P-9	Operator Failure to Establish Recirculation Spray in W1						
51	A-4KW2-XHE-R-12 A-4KW2-XHE-R-12	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
52	A-4KW2-XHE-R-3 A-4KW2-XHE-R-3	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
53	A-4KW2-XHE-S1-17 A-4KW2-XHE-S1-17	Operator Failure to Feed SGs in Window 1-R3						
54	A-4KW2-XHE-S1-8 A-4KW2-XHE-S1-8	Operator Failure to Feed SGs in Window 1-R3						
55	A-4KW2-XHE-S2-17 A-4KW2-XHE-S2-17	Operator Failure to Bleed the SGs 1 given R3						
56	A-4KW2-XHE-S2-8 A-4KW2-XHE-S2-8	Operator Failure to Bleed the SGs 1 given R3						
57	A-4KW2-XHE-S3-17 A-4KW2-XHE-S3-17	Operator failure to establish reflux after PRT rupture						
58	A-4KW2-XHE-S3-8 A-4KW2-XHE-S3-8	Operator failure to establish reflux after PRT rupture						
59	A-4KW2-XHE-X A-4KW2-XHE-X	Operator Failure to Cross Connect RWST Given Successful						
60	A-4KW3-XHE-FH-10 A-4KW3-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
61	A-4KW3-XHE-FH-13 A-4KW3-XHE-FH-13	Operator Failure to use HHSI in feed and spill in Windo						
62	A-4KW3-XHE-FH-4 A-4KW3-XHE-FH-4	Operator Failure to use HHSI in feed and spill in Windo						
63	A-4KW3-XHE-FH-7 A-4KW3-XHE-FH-7	Operator Failure to use HHSI in feed and spill in Windo						
64	A-4KW3-XHE-FL-10 A-4KW3-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
65	A-4KW3-XHE-FL-13 A-4KW3-XHE-FL-13	Operator failure ot use LHSI in Feed and Spill in Windo						
66	A-4KW3-XHE-FL-4 A-4KW3-XHE-FL-4	Operator failure ot use LHSI in Feed and Spill in Windo						
67	A-4KW3-XHE-FL-7 A-4KW3-XHE-FL-7	Operator failure ot use LHSI in Feed and Spill in Windo						
68	A-4KW3-XHE-G-11 A-4KW3-XHE-G-11	Operator Failure to establish gravity feed in window 1						
69	A-4KW3-XHE-G-5 A-4KW3-XHE-G-5	Operator Failure to establish gravity feed in window 1						
70	A-4KW3-XHE-R-3 A-4KW3-XHE-R-3	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
71	A-4KW3-XHE-R-9 A-4KW3-XHE-R-9	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
72	A-4KW3-XHE-S1-4 A-4KW3-XHE-S1-4	Operator Failure to Feed SGs in Window 1-R3						
73	A-4KW3-XHE-S1-8 A-4KW3-XHE-S1-8	Operator Failure to Feed SGs in Window 1-R3						
74	A-4KW3-XHE-S2-4 A-4KW3-XHE-S2-4	Operator Failure to Bleed the SGs 1 given R3						
75	A-4KW3-XHE-S2-8 A-4KW3-XHE-S2-8	Operator Failure to Bleed the SGs 1 given R3						
76	A-4KW3-XHE-S3-4 A-4KW3-XHE-S3-4	Operator failure to establish reflux after PRT rupture						
77	A-4KW3-XHE-S3-8 A-4KW3-XHE-S3-8	Operator failure to establish reflux after PRT rupture						
78	A-4KW4-XHE-FH-10 A-4KW4-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
79	A-4KW4-XHE-FH-13 A-4KW4-XHE-FH-13	Operator Failure to use HHSI in feed and spill in Windo						
80	A-4KW4-XHE-FH-4 A-4KW4-XHE-FH-4	Operator Failure to use HHSI in feed and spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
81	A-4KW4-XHE-FH-7 A-4KW4-XHE-FH-7							Operator Failure to use HHSI in feed and spill in Windo
82	A-4KW4-XHE-FL-10 A-4KW4-XHE-FL-10							Operator failure ot use LHSI in Feed and Spill in Windo
83	A-4KW4-XHE-FL-13 A-4KW4-XHE-FL-13							Operator failure ot use LHSI in Feed and Spill in Windo
84	A-4KW4-XHE-FL-4 A-4KW4-XHE-FL-4							Operator failure ot use LHSI in Feed and Spill in Windo
85	A-4KW4-XHE-FL-7 A-4KW4-XHE-FL-7							Operator failure ot use LHSI in Feed and Spill in Windo
86	A-4KW4-XHE-G-11 A-4KW4-XHE-G-11							Operator Failure to establish gravity feed in window 1
87	A-4KW4-XHE-G-5 A-4KW4-XHE-G-5							Operator Failure to establish gravity feed in window 1
88	A-4KW4-XHE-R-3 A-4KW4-XHE-R-3							FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF
89	A-4KW4-XHE-R-9 A-4KW4-XHE-R-9							FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF
90	A-4KW4-XHE-S1-4 A-4KW4-XHE-S1-4							Operator Failure to Feed SGs in Window 1-R3
91	A-4KW4-XHE-S1-8 A-4KW4-XHE-S1-8							Operator Failure to Feed SGs in Window 1-R3
92	A-4KW4-XHE-S2-4 A-4KW4-XHE-S2-4							Operator Failure to Bleed the SGs 1 given R3
93	A-4KW4-XHE-S2-8 A-4KW4-XHE-S2-8							Operator Failure to Bleed the SGs 1 given R3
94	A-4KW4-XHE-S3-4 A-4KW4-XHE-S3-4							Operator failure to establish reflux after PRT rupture
95	A-4KW4-XHE-S3-8 A-4KW4-XHE-S3-8							Operator failure to establish reflux after PRT rupture
96	A-ARW1-XHE-C-10 A-ARW1-XHE-C-10							Operator Failure to Establish High P Recirc in Window

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
97	A-ARW1-XHE-C-5 A-ARW1-XHE-C-5	Operator Failure to Establish High P Recirc in Window						
98	A-ARW1-XHE-FH-11 A-ARW1-XHE-FH-11	Operator Failure to use HHSI in feed and spill in Windo						
99	A-ARW1-XHE-FH-6 A-ARW1-XHE-FH-6	Operator Failure to use HHSI in feed and spill in Windo						
100	A-ARW1-XHE-FL-11 A-ARW1-XHE-FL-11	Operator failure ot use LHSI in Feed and Spill in Windo						
101	A-ARW1-XHE-FL-6 A-ARW1-XHE-FL-6	Operator failure ot use LHSI in Feed and Spill in Windo						
102	A-ARW1-XHE-G-7 A-ARW1-XHE-G-7	Operator Failure to establish gravity feed in window 1						
103	A-ARW1-XHE-P-5 A-ARW1-XHE-P-5	Operator Failure to Establish Recirculation Spray in W1						
104	A-ARW1-XHE-R-5 A-ARW1-XHE-R-5	Failure to Restore RHR, given Loss o Instrument Air in						
105	A-ARW1-XHE-S1-10 A-ARW1-XHE-S1-10	Operator Failure to Bleed the SGs 1 given AIR						
106	A-ARW1-XHE-S2-10 A-ARW1-XHE-S2-10	Operator failure to establish reflux after PRT rupture						
107	A-ARW1-XHE-SF-10 A-ARW1-XHE-SF-10	Operator Failure to Feed SGs in Window 1-AIR						
108	A-ARW2-XHE-C-10 A-ARW2-XHE-C-10	Operator Failure to Establish High P Recirc in Window						
109	A-ARW2-XHE-C-5 A-ARW2-XHE-C-5	Operator Failure to Establish High P Recirc in Window						
110	A-ARW2-XHE-FH-11 A-ARW2-XHE-FH-11	Operator Failure to use HHSI in feed and spill in Windo						
111	A-ARW2-XHE-FH-6 A-ARW2-XHE-FH-6	Operator Failure to use HHSI in feed and spill in Windo						
112	A-ARW2-XHE-FL-11 A-ARW2-XHE-FL-11	Operator failure ot use LHSI in Feed and Spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
113	A-ARW2-XHE-FL-6 A-ARW2-XHE-FL-6							Operator failure ot use LHSI in Feed and Spill in Windo
114	A-ARW2-XHE-G-7 A-ARW2-XHE-G-7							Operator Failure to Establish Gravity Feed in Window 2
115	A-ARW2-XHE-P-5 A-ARW2-XHE-P-5							Operator Failure to Establish Recirculation Spray in W2
116	A-ARW2-XHE-R-5 A-ARW2-XHE-R-5							Failure to Restore RHR, given Loss of Instrument Air in
117	A-ARW2-XHE-S1-10 A-ARW2-XHE-S1-10							Operator Failure to Bleed the SGs Given AIR
118	A-ARW2-XHE-S2-10 A-ARW2-XHE-S2-10							Operator Failure to Establish Reflux after PRT Rupture
119	A-ARW2-XHE-SF-10 A-ARW2-XHE-SF-10							Operator Failure to Feed SGs in Window 2-AIR
120	A-ARW2-XHE-X A-ARW2-XHE-X							Operator Failure to Cross Connect RWST Given Successful
121	A-ARW3-XHE-FH-5 A-ARW3-XHE-FH-5							Operator Failure to use HHSI in feed and spill in Windo
122	A-ARW3-XHE-FH-9 A-ARW3-XHE-FH-9							Operator Failure to use HHSI in feed and spill in Windo
123	A-ARW3-XHE-FL-5 A-ARW3-XHE-FL-5							Operator failure ot use LHSI in Feed and Spill in Windo
	A-ARW3-XHE-FL-9 A-ARW3-XHE-FL-9							Operator failure ot use LHSI in Feed and Spill in Windo
125	A-ARW3-XHE-G-6 A-ARW3-XHE-G-6							Operator Failure to establish gravity feed in window 3
126	A-ARW3-XHE-R-5 A-ARW3-XHE-R-5							Failure to Restore RHR given AIR in Window 3
127	A-ARW3-XHE-S1-9 A-ARW3-XHE-S1-9							Operator Failure to Bleed the SGs given AIR
128	A-ARW3-XHE-S2-9 A-ARW3-XHE-S2-9							Operator failure to establish reflux after PRT rupture

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
129	A-ARW3-XHE-SF-9 A-ARW3-XHE-SF-9							
		Operator Failure to Feed SGs in Window 3						
130	A-ARW4-XHE-FH-6 A-ARW4-XHE-FH-6							
		Operator Failure to use HHSI in feed and spill in Windo						
131	A-ARW4-XHE-FH-9 A-ARW4-XHE-FH-9							
		Operator Failure to use HHSI in feed and spill in Windo						
132	A-ARW4-XHE-FL-6 A-ARW4-XHE-FL-6							
		Operator failure ot use LHSI in Feed and Spill in Windo						
133	A-ARW4-XHE-FL-9 A-ARW4-XHE-FL-9							
		Operator failure ot use LHSI in Feed and Spill in Windo						
134	A-ARW4-XHE-G-6 A-ARW4-XHE-G-6							
		Operator Failure to establish gravity feed in window 4						
135	A-ARW4-XHE-R-6 A-ARW4-XHE-R-6							
		Failure to Restore RHR given AIR in Window 4						
136	A-ARW4-XHE-S1-9 A-ARW4-XHE-S1-9							
		Operator Failure to Bleed the SGs in Window 4						
137	A-ARW4-XHE-S2-9 A-ARW4-XHE-S2-9							
		Operator failure to establish reflux after PRT rupture						
138	A-ARW4-XHE-SF-9 A-ARW4-XHE-SF-9							
		Operator Failure to Feed SGs in Window 4-AIR						
139	A-B1W1-XHE-2CH-4 A-B1W1-XHE-2CH-4							
		Operator Failure to X-Tie CHG Flow from U2 to U1						
140	A-B1W1-XHE-2CH-8 A-B1W1-XHE-2CH-8							
		Operator Failure to X-Tie CHG Flow from U2 to U1						
141	A-B1W1-XHE-2CH-9 A-B1W1-XHE-2CH-9							
		Operator Failure to X-Tie CHG Flow from U2 to U1						
142	A-B1W1-XHE-2CHG A-B1W1-XHE-2CHG							
		Operator Failure to X-Tie CHG Flow from U2 to U1						
143	A-B1W1-XHE-CW-4 A-B1W1-XHE-CW-4							
		Operator Fails to Isolate CW Valves in SB0 Event B1						
144	A-B1W1-XHE-CW-8 A-B1W1-XHE-CW-8							
		Operator Fails to Isolate CW Valves in SB0 Event B1						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
145	A-B1W1-XHE-CW-9 A-B1W1-XHE-CW-9							
		Operator Fails to Isolate CW Valves in SB0 Event B1						
146	A-B1W1-XHE-G-5 A-B1W1-XHE-G-5							
		Operator Failure to establish gravity feed in window 1						
147	A-B1W1-XHE-S1-8 A-B1W1-XHE-S1-8							
		Operator Failure to Bleed the SGs 1 given L1						
148	A-B1W1-XHE-S2-8 A-B1W1-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						
149	A-B1W1-XHE-SF-8 A-B1W1-XHE-SF-8							
		Operator Failure to Feed SGs in Window 1-L1						
150	A-B1W2-XHE-2CH-4 A-B1W2-XHE-2CH-4							
		Operator Failure to X-Tie CHG Flow from U2 to U1						
151	A-B1W2-XHE-2CH-8 A-B1W2-XHE-2CH-8							
		Operator Failure to X-Tie CHG Flow from U2 to U1						
152	A-B1W2-XHE-CW-4 A-B1W2-XHE-CW-4							
		Operator Fails to Isolate CW Valves in SB0 Event B1						
153	A-B1W2-XHE-CW-8 A-B1W2-XHE-CW-8							
		Operator Fails to Isolate CW Valves in SB0 Event B1						
154	A-B1W2-XHE-G-5 A-B1W2-XHE-G-5							
		Operator Failure to establish gravity feed in window 2						
155	A-B1W2-XHE-S1-8 A-B1W2-XHE-S1-8							
		Operator Failure to Bleed the SGs 1 given L1						
156	A-B1W2-XHE-S2-8 A-B1W2-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						
157	A-B1W2-XHE-SF-8 A-B1W2-XHE-SF-8							
		Operator Failure to Feed SGs in Window 2-L1						
158	A-B1W3-XHE-2CH-4 A-B1W3-XHE-2CH-4							
		Operator Failure to X-Tie CHG Flow from U2 to U1						
159	A-B1W3-XHE-2CH-8 A-B1W3-XHE-2CH-8							
		Operator Failure to X-Tie CHG Flow from U2 to U1						
160	A-B1W3-XHE-CW-4 A-B1W3-XHE-CW-4							
		Operator Fails to Isolate CW Valves in SB0 Event B1						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
161	A-B1W3-XHE-CW-8 A-B1W3-XHE-CW-8							Operator Fails to Isolate CW Valves in SB0 Event B1
162	A-B1W3-XHE-G-5 A-B1W3-XHE-G-5							Operator Failure to establish gravity feed in window 3
163	A-B1W3-XHE-S1-5 A-B1W3-XHE-S1-5							Operator Failure to Bleed the SGs 1 given L1
164	A-B1W3-XHE-S2-5 A-B1W3-XHE-S2-5							Operator failure to establish reflux after PRT rupture
165	A-B1W3-XHE-SF-5 A-B1W3-XHE-SF-5							Operator Failure to Feed SGs in Window 3-L1
166	A-B1W4-XHE-2CH-5 A-B1W4-XHE-2CH-5							Operator Failure to X-Tie CHG Flow from U2 to U1
167	A-B1W4-XHE-2CH-8 A-B1W4-XHE-2CH-8							Operator Failure to X-Tie CHG Flow from U2 to U1
168	A-B1W4-XHE-CW-5 A-B1W4-XHE-CW-5							Operator Fails to Isolate CW Valves in SB0 Event B1
169	A-B1W4-XHE-CW-8 A-B1W4-XHE-CW-8							Operator Fails to Isolate CW Valves in SB0 Event B1
170	A-B1W4-XHE-G-5 A-B1W4-XHE-G-5							Operator Failure to establish gravity feed in window 4
171	A-B1W4-XHE-S1-5 A-B1W4-XHE-S1-5							Operator Failure to Bleed the SGs 1 given L1
172	A-B1W4-XHE-S2-5 A-B1W4-XHE-S2-5							Operator failure to establish reflux after PRT rupture
173	A-B1W4-XHE-SF-5 A-B1W4-XHE-SF-5							Operator Failure to Feed SGs in Window 4-L1
174	A-B2W1-XHE-G-4 A-B2W1-XHE-G-4							Operator Failure to establish gravity feed in window 1
175	A-B2W2-XHE-G-4 A-B2W2-XHE-G-4							Operator Failure to establish gravity feed in window 2
176	A-B2W3-XHE-G-4 A-B2W3-XHE-G-4							Operator Failure to establish gravity feed in window 3

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
177	A-B2W4-XHE-G-4 A-B2W4-XHE-G-4							
		Operator Failure to establish gravity feed in window 4						
178	A-CCW1-XHE-C-4 A-CCW1-XHE-C-4							
1		Operator Failure to Establish High P Recirc in Window						
179	A-CCW1-XHE-C-9 A-CCW1-XHE-C-9							
1		Operator Failure to Establish High P Recirc in Window						
180	A-CCW1-XHE-FH-10 A-CCW1-XHE-FH-10							
		Operator Failure to use HHSI in feed and spill in Windo						
181	A-CCW1-XHE-FH-5 A-CCW1-XHE-FH-5							
		Operator Failure to use HHSI in feed and spill in Windo						
182	A-CCW1-XHE-FL-10 A-CCW1-XHE-FL-10							
		Operator failure ot use LHSI in Feed and Spill in Windo						
183	A-CCW1-XHE-FL-5 A-CCW1-XHE-FL-5							
		Operator failure ot use LHSI in Feed and Spill in Windo						
184	A-CCW1-XHE-G-6 A-CCW1-XHE-G-6							
		Operator Failure to establish gravity feed in window 1						
185	A-CCW1-XHE-P-4 A-CCW1-XHE-P-4							
		Operator Failure to Establish Recirculation Spray in W1						
186	A-CCW1-XHE-S1-8 A-CCW1-XHE-S1-8							
		Operator Failure to Bleed the SGs 1 given R3						
187	A-CCW1-XHE-S2-8 A-CCW1-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						
188	A-CCW1-XHE-SF-8 A-CCW1-XHE-SF-8							
		Operator Failure to Feed SGs in Window 1-R3						
189	A-CCW2-XHE-C-4 A-CCW2-XHE-C-4							
2		Operator Failure to Establish High P Recirc in Window						
190	A-CCW2-XHE-C-9 A-CCW2-XHE-C-9							
2		Operator Failure to Establish High P Recirc in Window						
191	A-CCW2-XHE-FH-10 A-CCW2-XHE-FH-10							
		Operator Failure to use HHSI in feed and spill in Windo						
192	A-CCW2-XHE-FH-5 A-CCW2-XHE-FH-5							
		Operator Failure to use HHSI in feed and spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
193	A-CCW2-XHE-FL-10 A-CCW2-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						
194	A-CCW2-XHE-FL-5 A-CCW2-XHE-FL-5	Operator failure ot use LHSI in Feed and Spill in Windo						
195	A-CCW2-XHE-G-6 A-CCW2-XHE-G-6	Operator Failure to establish gravity feed in window 1						
196	A-CCW2-XHE-P-4 A-CCW2-XHE-P-4	Operator Failure to Establish Recirculation Spray in W1						
197	A-CCW2-XHE-S1-8 A-CCW2-XHE-S1-8	Operator Failure to Bleed the SGs 1 given R3						
198	A-CCW2-XHE-S2-8 A-CCW2-XHE-S2-8	Operator failure to establish reflux after PRT rupture						
199	A-CCW2-XHE-SF-8 A-CCW2-XHE-SF-8	Operator Failure to Feed SGs in Window 1-R3						
200	A-CCW2-XHE-X A-CCW2-XHE-X	Operator Failure to Cross Connect RWST Given Successful						
201	A-CCW3-XHE-FH-10 A-CCW3-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
202	A-CCW3-XHE-FH-5 A-CCW3-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
203	A-CCW3-XHE-FL-10 A-CCW3-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						
204	A-CCW3-XHE-FL-5 A-CCW3-XHE-FL-5	Operator failure ot use LHSI in Feed and Spill in Windo						
205	A-CCW3-XHE-G-6 A-CCW3-XHE-G-6	Operator Failure to establish gravity feed in window 1						
206	A-CCW3-XHE-S1-7 A-CCW3-XHE-S1-7	Operator Failure to Bleed the SGs 1 given R3						
207	A-CCW3-XHE-S2-7 A-CCW3-XHE-S2-7	Operator failure to establish reflux after PRT rupture						
208	A-CCW3-XHE-SF-7 A-CCW3-XHE-SF-7	Operator Failure to Feed SGs in Window 1-R3						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
209	A-CCW4-XHE-FH-10 A-CCW4-XHE-FH-10							
		Operator Failure to use HHSI in feed and spill in Windo						
210	A-CCW4-XHE-FH-5 A-CCW4-XHE-FH-5							
		Operator Failure to use HHSI in feed and spill in Windo						
211	A-CCW4-XHE-FL-10 A-CCW4-XHE-FL-10							
		Operator failure ot use LHSI in Feed and Spill in Windo						
212	A-CCW4-XHE-FL-5 A-CCW4-XHE-FL-5							
		Operator failure ot use LHSI in Feed and Spill in Windo						
213	A-CCW4-XHE-G-6 A-CCW4-XHE-G-6							
		Operator Failure to establish gravity feed in window 1						
214	A-CCW4-XHE-S1-7 A-CCW4-XHE-S1-7							
		Operator Failure to Bleed the SGs 1 given R3						
215	A-CCW4-XHE-S2-7 A-CCW4-XHE-S2-7							
		Operator failure to establish reflux after PRT rupture						
216	A-CCW4-XHE-SF-7 A-CCW4-XHE-SF-7							
		Operator Failure to Feed SGs in Window 1-R3						
217	A-L1W1-XHE-C-13 A-L1W1-XHE-C-13							
1		Operator Failure to Establish High P Recirc in Window						
218	A-L1W1-XHE-C-17 A-L1W1-XHE-C-17							
1		Operator Failure to Establish High P Recirc in Window						
219	A-L1W1-XHE-C-4 A-L1W1-XHE-C-4							
1		Operator Failure to Establish High P Recirc in Window						
220	A-L1W1-XHE-C-8 A-L1W1-XHE-C-8							
1		Operator Failure to Establish High P Recirc in Window						
221	A-L1W1-XHE-FH-14 A-L1W1-XHE-FH-14							
		Operator Failure to use HHSI in feed and spill in Windo						
222	A-L1W1-XHE-FH-18 A-L1W1-XHE-FH-18							
		Operator Failure to use HHSI in feed and spill in Windo						
223	A-L1W1-XHE-FH-4 A-L1W1-XHE-FH-4							
		Operator Failure to use HHSI in feed and spill in Windo						
224	A-L1W1-XHE-FH-5 A-L1W1-XHE-FH-5							
		Operator Failure to use HHSI in feed and spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
225	A-L1W1-XHE-FH-9 A-L1W1-XHE-FH-9	Operator Failure to use HHSI in feed and spill in Windo						
226	A-L1W1-XHE-FL-14 A-L1W1-XHE-FL-14	Operator failure to use LHSI in Feed and Spill in Windo						
227	A-L1W1-XHE-FL-18 A-L1W1-XHE-FL-18	Operator failure to use LHSI in Feed and Spill in Windo						
228	A-L1W1-XHE-FL-4 A-L1W1-XHE-FL-4	Operator failure to use LHSI in Feed and Spill in Windo						
229	A-L1W1-XHE-FL-5 A-L1W1-XHE-FL-5	Operator failure to use LHSI in Feed and Spill in Windo						
230	A-L1W1-XHE-FL-9 A-L1W1-XHE-FL-9	Operator failure to use LHSI in Feed and Spill in Windo						
231	A-L1W1-XHE-G-10 A-L1W1-XHE-G-10	Operator Failure to establish gravity feed in window 1						
232	A-L1W1-XHE-G-5 A-L1W1-XHE-G-5	Operator Failure to establish gravity feed in window 1						
233	A-L1W1-XHE-G-6 A-L1W1-XHE-G-6	Operator Failure to establish gravity feed in window 1						
234	A-L1W1-XHE-P-13 A-L1W1-XHE-P-13	Operator Failure to Establish Recirculation Spray in W1						
235	A-L1W1-XHE-P-17 A-L1W1-XHE-P-17	Operator Failure to Establish Recirculation Spray in W1						
236	A-L1W1-XHE-P-4 A-L1W1-XHE-P-4	Operator Failure to Establish Recirculation Spray in W1						
237	A-L1W1-XHE-P-8 A-L1W1-XHE-P-8	Operator Failure to Establish Recirculation Spray in W1						
238	A-L1W1-XHE-R-4 A-L1W1-XHE-R-4	Failure to Restore RHR given L1 in POS 6 of Refueling						
239	A-L1W1-XHE-S1-13 A-L1W1-XHE-S1-13	Operator Failure to Bleed the SGs 1 given L1						
240	A-L1W1-XHE-C1-15 A-L1W1-XHE-S1-15	Operator Failure to Bleed the SGs 1 given L1						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
241	A-L1W1-XHE-S1-17 A-L1W1-XHE-S1-17	Operator Failure to Bleed the SGs 1 given L1						
242	A-L1W1-XHE-S2-13 A-L1W1-XHE-S2-13	Operator failure to establish reflux after PRT rupture						
243	A-L1W1-XHE-S2-15 A-L1W1-XHE-S2-15	Operator failure to establish reflux after PRT rupture						
244	A-L1W1-XHE-S2-17 A-L1W1-XHE-S2-17	Operator failure to establish reflux after PRT rupture						
245	A-L1W1-XHE-SF-13 A-L1W1-XHE-SF-13	Operator Failure to Feed SGs in Window 1-L1						
246	A-L1W1-XHE-SF-15 A-L1W1-XHE-SF-15	Operator Failure to Feed SGs in Window 1-L1						
247	A-L1W1-XHE-SF-17 A-L1W1-XHE-SF-17	Operator Failure to Feed SGs in Window 1-L1						
248	A-L1W2-XHE-C-13 A-L1W2-XHE-C-13	Operator Failure to Establish High P Recirc in Window						
2								
249	A-L1W2-XHE-C-17 A-L1W2-XHE-C-17	Operator Failure to Establish High P Recirc in Window						
2								
250	A-L1W2-XHE-C-4 A-L1W2-XHE-C-4	Operator Failure to Establish High P Recirc in Window						
2								
251	A-L1W2-XHE-C-8 A-L1W2-XHE-C-8	Operator Failure to Establish High P Recirc in Window						
2								
252	A-L1W2-XHE-FH-14 A-L1W2-XHE-FH-14	Operator Failure to use HHSI in feed and spill in Windo						
253	A-L1W2-XHE-FH-18 A-L1W2-XHE-FH-18	Operator Failure to use HHSI in feed and spill in Windo						
254	A-L1W2-XHE-FH-4 A-L1W2-XHE-FH-4	Operator Failure to use HHSI in feed and spill in Windo						
255	A-L1W2-XHE-FH-5 A-L1W2-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
256	A-L1W2-XHE-FH-9 A-L1W2-XHE-FH-9	Operator Failure to use HHSI in feed and spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
257	A-L1W2-XHE-FL-14 A-L1W2-XHE-FL-14	Operator failure to use LHSI in Feed and Spill in Windo						
258	A-L1W2-XHE-FL-18 A-L1W2-XHE-FL-18	Operator failure to use LHSI in Feed and Spill in Windo						
259	A-L1W2-XHE-FL-4 A-L1W2-XHE-FL-4	Operator failure to use LHSI in Feed and Spill in Windo						
260	A-L1W2-XHE-FL-5 A-L1W2-XHE-FL-5	Operator failure to use LHSI in Feed and Spill in Windo						
261	A-L1W2-XHE-FL-9 A-L1W2-XHE-FL-9	Operator failure to use LHSI in Feed and Spill in Windo						
262	A-L1W2-XHE-G-10 A-L1W2-XHE-G-10	Operator Failure to establish gravity feed in window 2						
263	A-L1W2-XHE-G-6 A-L1W2-XHE-G-6	Operator Failure to establish gravity feed in window 2						
264	A-L1W2-XHE-P-13 A-L1W2-XHE-P-13	Operator Failure to Establish Recirculation Spray in W2						
265	A-L1W2-XHE-P-17 A-L1W2-XHE-P-17	Operator Failure to Establish Recirculation Spray in W2						
266	A-L1W2-XHE-P-4 A-L1W2-XHE-P-4	Operator Failure to Establish Recirculation Spray in W2						
267	A-L1W2-XHE-P-8 A-L1W2-XHE-P-8	Operator Failure to Establish Recirculation Spray in W2						
268	A-L1W2-XHE-R-4 A-L1W2-XHE-R-4	Failure to Restore RHR given L1 in POS 6 of Refueling						
269	A-L1W2-XHE-S1-13 A-L1W2-XHE-S1-13	Operator Failure to Bleed the SGs 1 given L1						
270	A-L1W2-XHE-S1-17 A-L1W2-XHE-S1-17	Operator Failure to Bleed the SGs 1 given L1						
271	A-L1W2-XHE-S1-8 A-L1W2-XHE-S1-8	Operator Failure to Bleed the SGs 1 given L1						
272	A-L1W2-XHE-S2-13 A-L1W2-XHE-S2-13	Operator failure to establish reflux after PRT rupture						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
273	A-L1W2-XHE-S2-17 A-L1W2-XHE-S2-17							
		Operator failure to establish reflux after PRT rupture						
274	A-L1W2-XHE-S2-8 A-L1W2-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						
275	A-L1W2-XHE-SF-13 A-L1W2-XHE-SF-13							
		Operator Failure to Feed SGs in Window 2-L1						
276	A-L1W2-XHE-SF-17 A-L1W2-XHE-SF-17							
		Operator Failure to Feed SGs in Window 2-L1						
277	A-L1W2-XHE-SF-8 A-L1W2-XHE-SF-8							
		Operator Failure to Feed SGs in Window 1-L1						
278	A-L1W2-XHE-X A-L1W2-XHE-X							
		Operator Failure to Cross Connect RWST Given successful						
279	A-L1W3-XHE-FH-10 A-L1W3-XHE-FH-10							
		Operator Failure to use HHSI in feed and spill in Windo						
280	A-L1W3-XHE-FH-12 A-L1W3-XHE-FH-12							
		Operator Failure to use HHSI in feed and spill in Windo						
281	A-L1W3-XHE-FH-4 A-L1W3-XHE-FH-4							
		Operator Failure to use HHSI in feed and spill in Windo						
282	A-L1W3-XHE-FH-7 A-L1W3-XHE-FH-7							
		Operator Failure to use HHSI in feed and spill in Windo						
283	A-L1W3-XHE-FL-10 A-L1W3-XHE-FL-10							
		Operator failure to use LHSI in Feed and Spill in Windo						
284	A-L1W3-XHE-FL-12 A-L1W3-XHE-FL-12							
		Operator failure to use LHSI in Feed and Spill in Windo						
285	A-L1W3-XHE-FL-4 A-L1W3-XHE-FL-4							
		Operator failure to use LHSI in Feed and Spill in Windo						
286	A-L1W3-XHE-FL-7 A-L1W3-XHE-FL-7							
		Operator failure to use LHSI in Feed and Spill in Windo						
287	A-L1W3-XHE-G-5 A-L1W3-XHE-G-5							
		Operator Failure to establish gravity feed in window 3						
288	A-L1W3-XHE-G-8 A-L1W3-XHE-G-8							
		Operator Failure to establish gravity feed in window 3						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
289	A-L1W3-XHE-R-4 A-L1W3-XHE-R-4	Failure to Restore RHR given L1 in POS 6 of Refueling						
290	A-L1W3-XHE-S1-5 A-L1W3-XHE-S1-5	Operator Failure to Bleed the SGs 1 given L1						
291	A-L1W3-XHE-S1-7 A-L1W3-XHE-S1-7	Operator Failure to Bleed the SGs 1 given L1						
292	A-L1W3-XHE-S1-8 A-L1W3-XHE-S1-8	Operator Failure to Bleed the SGs 1 given L1						
293	A-L1W3-XHE-S2-5 A-L1W3-XHE-S2-5	Operator failure to establish reflux after PRT rupture						
294	A-L1W3-XHE-S2-7 A-L1W3-XHE-S2-7	Operator failure to establish reflux after PRT rupture						
295	A-L1W3-XHE-S2-8 A-L1W3-XHE-S2-8	Operator failure to establish reflux after PRT rupture						
296	A-L1W3-XHE-SF-5 A-L1W3-XHE-SF-5	Operator Failure to Feed SGs in Window 3-L1						
297	A-L1W3-XHE-SF-7 A-L1W3-XHE-SF-7	Operator Failure to Feed SGs in Window 3-L1						
298	A-L1W3-XHE-SF-8 A-L1W3-XHE-SF-8	Operator Failure to Feed SGs in Window 3-L1						
299	A-L1W4-XHE-FH-10 A-L1W4-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
300	A-L1W4-XHE-FH-12 A-L1W4-XHE-FH-12	Operator Failure to use HHSI in feed and spill in Windo						
301	A-L1W4-XHE-FH-5 A-L1W4-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
302	A-L1W4-XHE-FH-8 A-L1W4-XHE-FH-8	Operator Failure to use HHSI in feed and spill in Windo						
303	A-L1W4-XHE-FL-10 A-L1W4-XHE-FL-10	Operator failure to use LHSI in Feed and Spill in Windo						
304	A-L1W4-XHE-FL-12 A-L1W4-XHE-FL-12	Operator failure to use LHSI in Feed and Spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
305	A-L1W4-XHE-FL-5 A-L1W4-XHE-FL-5							
		Operator failure to use LHSI in Feed and Spill in Windo						
306	A-L1W4-XHE-FL-8 A-L1W4-XHE-FL-8							
		Operator failure to use LHSI in Feed and Spill in Windo						
307	A-L1W4-XHE-G-5 A-L1W4-XHE-G-5							
		Operator Failure to establish gravity feed in window 4						
308	A-L1W4-XHE-G-8 A-L1W4-XHE-G-8							
		Operator Failure to establish gravity feed in window 4						
309	A-L1W4-XHE-R-5 A-L1W4-XHE-R-5							
		Failure to Restore RHR given L1 in POS 6 of Refueling						
310	A-L1W4-XHE-S1-5 A-L1W4-XHE-S1-5							
		Operator Failure to Bleed the SGs 1 given L1						
311	A-L1W4-XHE-S1-7 A-L1W4-XHE-S1-7							
		Operator Failure to Bleed the SGs 1 given L1						
312	A-L1W4-XHE-S1-8 A-L1W4-XHE-S1-8							
		Operator Failure to Bleed the SGs 1 given L1						
313	A-L1W4-XHE-S2-5 A-L1W4-XHE-S2-5							
		Operator failure to establish reflux after PRT rupture						
314	A-L1W4-XHE-S2-7 A-L1W4-XHE-S2-7							
		Operator failure to establish reflux after PRT rupture						
315	A-L1W4-XHE-S2-8 A-L1W4-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						
316	A-L1W4-XHE-SF-5 A-L1W4-XHE-SF-5							
		Operator Failure to Feed SGs in Window 4-L1						
317	A-L1W4-XHE-SF-7 A-L1W4-XHE-SF-7							
		Operator Failure to Feed SGs in Window 4-L1						
318	A-L1W4-XHE-SF-8 A-L1W4-XHE-SF-8							
		Operator Failure to Feed SGs in Window 4-L1						
319	A-L2W1-XHE-C-13 A-L2W1-XHE-C-13							
1		Operator Failure to Establish High P Recirc in Window						
320	A-L2W1-XHE-C-17 A-L2W1-XHE-C-17							
1		Operator Failure to Establish High P Recirc in Window						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
321	A-L2W1-XHE-C-4 A-L2W1-XHE-C-4	Operator Failure to Establish High P Recirc in Window						
1								
322	A-L2W1-XHE-C-8 A-L2W1-XHE-C-8	Operator Failure to Establish High P Recirc in Window						
1								
323	A-L2W1-XHE-FH-14 A-L2W1-XHE-FH-14	Operator Failure to use HHSI in feed and spill in Windo						
324	A-L2W1-XHE-FH-18 A-L2W1-XHE-FH-18	Operator Failure to use HHSI in feed and spill in Windo						
325	A-L2W1-XHE-FH-5 A-L2W1-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
326	A-L2W1-XHE-FH-9 A-L2W1-XHE-FH-9	Operator Failure to use HHSI in feed and spill in Windo						
327	A-L2W1-XHE-FL-14 A-L2W1-XHE-FL-14	Operator failure to use LHSI in Feed and Spill in Windo						
328	A-L2W1-XHE-FL-18 A-L2W1-XHE-FL-18	Operator failure to use LHSI in Feed and Spill in Windo						
329	A-L2W1-XHE-FL-5 A-L2W1-XHE-FL-5	Operator failure to use LHSI in Feed and Spill in Windo						
330	A-L2W1-XHE-FL-9 A-L2W1-XHE-FL-9	Operator failure to use LHSI in Feed and Spill in Windo						
331	A-L2W1-XHE-G-10 A-L2W1-XHE-G-10	Operator Failure to establish gravity feed in window 1						
332	A-L2W1-XHE-G-6 A-L2W1-XHE-G-6	Operator Failure to establish gravity feed in window 1						
333	A-L2W1-XHE-P-13 A-L2W1-XHE-P-13	Operator Failure to Establish Recirculation Spray in W1						
334	A-L2W1-XHE-P-17 A-L2W1-XHE-P-17	Operator Failure to Establish Recirculation Spray in W1						
335	A-L2W1-XHE-P-4 A-L2W1-XHE-P-4	Operator Failure to Establish Recirculation Spray in W1						
336	A-L2W1-XHE-P-8 A-L2W1-XHE-P-8	Operator Failure to Establish Recirculation Spray in W1						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
337	A-L2W1-XHE-R-4 A-L2W1-XHE-R-4	Failure to Restore RHR given L2 in POS 6 of Refueling						
338	A-L2W1-XHE-S1-13 A-L2W1-XHE-S1-13	Operator Failure to Bleed the SGs 1 given L2						
339	A-L2W1-XHE-S1-17 A-L2W1-XHE-S1-17	Operator Failure to Bleed the SGs 1 given L1						
340	A-L2W1-XHE-S2-13 A-L2W1-XHE-S2-13	Operator failure to establish reflux after PRT rupture						
341	A-L2W1-XHE-S2-17 A-L2W1-XHE-S2-17	Operator failure to establish reflux after PRT rupture						
342	A-L2W1-XHE-SF-13 A-L2W1-XHE-SF-13	Operator Failure to Feed SGs in Window 1-L2						
343	A-L2W1-XHE-SF-17 A-L2W1-XHE-SF-17	Operator Failure to Feed SGs in Window 1-L2						
344	A-L2W2-XHE-C-13 A-L2W2-XHE-C-13	Operator Failure to Establish High P Recirc in Window						
2								
345	A-L2W2-XHE-C-17 A-L2W2-XHE-C-17	Operator Failure to Establish High P Recirc in Window						
2								
346	A-L2W2-XHE-C-4 A-L2W2-XHE-C-4	Operator Failure to Establish High P Recirc in Window						
2								
347	A-L2W2-XHE-C-8 A-L2W2-XHE-C-8	Operator Failure to Establish High P Recirc in Window						
2								
348	A-L2W2-XHE-FH-14 A-L2W2-XHE-FH-14	Operator Failure to use HHSI in feed and spill in Windo						
349	A-L2W2-XHE-FH-18 A-L2W2-XHE-FH-18	Operator Failure to use HHSI in feed and spill in Windo						
350	A-L2W2-XHE-FH-5 A-L2W2-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
351	A-L2W2-XHE-FH-9 A-L2W2-XHE-FH-9	Operator Failure to use HHSI in feed and spill in Windo						
352	A-L2W2-XHE-FL-14 A-L2W2-XHE-FL-14	Operator failure to use LHSI in Feed and Spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
353	A-L2W2-XHE-FL-18 A-L2W2-XHE-FL-18	Operator failure to use LHSI in Feed and Spill in Windo						
354	A-L2W2-XHE-FL-5 A-L2W2-XHE-FL-5	Operator failure to use LHSI in Feed and Spill in Windo						
355	A-L2W2-XHE-FL-9 A-L2W2-XHE-FL-9	Operator failure to use LHSI in Feed and Spill in Windo						
356	A-L2W2-XHE-G-10 A-L2W2-XHE-G-10	Operator Failure to establish gravity feed in window 2						
357	A-L2W2-XHE-G-6 A-L2W2-XHE-G-6	Operator Failure to establish gravity feed in window 2						
358	A-L2W2-XHE-P-13 A-L2W2-XHE-P-13	Operator Failure to Establish Recirculation Spray in W2						
359	A-L2W2-XHE-P-17 A-L2W2-XHE-P-17	Operator Failure to Establish Recirculation Spray in W2						
360	A-L2W2-XHE-P-4 A-L2W2-XHE-P-4	Operator Failure to Establish Recirculation Spray in W2						
361	A-L2W2-XHE-P-8 A-L2W2-XHE-P-8	Operator Failure to Establish Recirculation Spray in W2						
362	A-L2W2-XHE-R-4 A-L2W2-XHE-R-4	Failure to Restore RHR given L2 in POS 6 of Refueling						
363	A-L2W2-XHE-S1-13 A-L2W2-XHE-S1-13	Operator Failure to Bleed the SGs 1 given L2						
364	A-L2W2-XHE-S1-17 A-L2W2-XHE-S1-17	Operator Failure to Bleed the SGs 1 given L1						
365	A-L2W2-XHE-S2-13 A-L2W2-XHE-S2-13	Operator failure to establish reflux after PRT rupture						
366	A-L2W2-XHE-S2-17 A-L2W2-XHE-S2-17	Operator failure to establish reflux after PRT rupture						
367	A-L2W2-XHE-SF-13 A-L2W2-XHE-SF-13	Operator Failure to Feed SGs in Window 2-L2						
368	A-L2W2-XHE-SF-17 A-L2W2-XHE-SF-17	Operator Failure to Feed SGs in Window 2-L2						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
369	A-L2W2-XHE-X A-L2W2-XHE-X							Operator Failure to Cross Connect RWST Given successful
370	A-L2W3-XHE-FH-10 A-L2W3-XHE-FH-10							Operator Failure to use HHSI in feed and spill in Windo
371	A-L2W3-XHE-FH-12 A-L2W3-XHE-FH-12							Operator Failure to use HHSI in feed and spill in Windo
372	A-L2W3-XHE-FH-4 A-L2W3-XHE-FH-4							Operator Failure to use HHSI in feed and spill in Windo
373	A-L2W3-XHE-FH-7 A-L2W3-XHE-FH-7							Operator Failure to use HHSI in feed and spill in Windo
374	A-L2W3-XHE-FL-10 A-L2W3-XHE-FL-10							Operator failure to use LHSI in Feed and Spill in Windo
375	A-L2W3-XHE-FL-12 A-L2W3-XHE-FL-12							Operator failure to use LHSI in Feed and Spill in Windo
376	A-L2W3-XHE-FL-4 A-L2W3-XHE-FL-4							Operator failure to use LHSI in Feed and Spill in Windo
377	A-L2W3-XHE-FL-7 A-L2W3-XHE-FL-7							Operator failure to use LHSI in Feed and Spill in Windo
378	A-L2W3-XHE-G-5 A-L2W3-XHE-G-5							Operator Failure to establish gravity feed in window 3
379	A-L2W3-XHE-G-8 A-L2W3-XHE-G-8							Operator Failure to establish gravity feed in window 3
380	A-L2W3-XHE-R-4 A-L2W3-XHE-R-4							Failure to Restore RHR given L2 in POS 6 of Refueling
381	A-L2W3-XHE-S1-5 A-L2W3-XHE-S1-5							Operator Failure to Bleed the SGs 1 given L2
382	A-L2W3-XHE-S1-7 A-L2W3-XHE-S1-7							Operator Failure to Bleed the SGs 1 given L2
383	A-L2W3-XHE-S1-8 A-L2W3-XHE-S1-8							Operator Failure to Bleed the SGs 1 given L2
384	A-L2W3-XHE-S2-5 A-L2W3-XHE-S2-5							Operator failure to establish reflux after PRT rupture

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
385	A-L2W3-XHE-S2-7 A-L2W3-XHE-S2-7	Operator failure to establish reflux after PRT rupture						
386	A-L2W3-XHE-S2-8 A-L2W3-XHE-S2-8	Operator failure to establish reflux after PRT rupture						
387	A-L2W3-XHE-SF-5 A-L2W3-XHE-SF-5	Operator Failure to Feed SGs in Window 3-L2						
388	A-L2W3-XHE-SF-7 A-L2W3-XHE-SF-7	Operator Failure to Feed SGs in Window 3-L2						
389	A-L2W3-XHE-SF-8 A-L2W3-XHE-SF-8	Operator Failure to Feed SGs in Window 3-L2						
390	A-L2W4-XHE-FH-10 A-L2W4-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
391	A-L2W4-XHE-FH-12 A-L2W4-XHE-FH-12	Operator Failure to use HHSI in feed and spill in Windo						
392	A-L2W4-XHE-FH-5 A-L2W4-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
393	A-L2W4-XHE-FH-8 A-L2W4-XHE-FH-8	Operator Failure to use HHSI in feed and spill in Windo						
394	A-L2W4-XHE-FL-10 A-L2W4-XHE-FL-10	Operator failure to use LHSI in Feed and Spill in Windo						
395	A-L2W4-XHE-FL-12 A-L2W4-XHE-FL-12	Operator failure to use LHSI in Feed and Spill in Windo						
396	A-L2W4-XHE-FL-5 A-L2W4-XHE-FL-5	Operator failure to use LHSI in Feed and Spill in Windo						
397	A-L2W4-XHE-FL-8 A-L2W4-XHE-FL-8	Operator failure to use LHSI in Feed and Spill in Windo						
398	A-L2W4-XHE-G-5 A-L2W4-XHE-G-5	Operator Failure to establish gravity feed in window 4						
399	A-L2W4-XHE-G-8 A-L2W4-XHE-G-8	Operator Failure to establish gravity feed in window 4						
400	A-L2W4-XHE-R-5 A-L2W4-XHE-R-5	Failure to Restore RHR given L2 in POS 6 of Refueling						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
401	A-L2W4-XHE-S1-5 A-L2W4-XHE-S1-5	Operator Failure					to Bleed the SGs 1 given L2	
402	A-L2W4-XHE-S1-7 A-L2W4-XHE-S1-7	Operator Failure					to Bleed the SGs 1 given L2	
403	A-L2W4-XHE-S1-8 A-L2W4-XHE-S1-8	Operator Failure					to Bleed the SGs 1 given L2	
404	A-L2W4-XHE-S2-5 A-L2W4-XHE-S2-5	Operator failure					to establish reflux after PRT rupture	
405	A-L2W4-XHE-S2-7 A-L2W4-XHE-S2-7	Operator failure					to establish reflux after PRT rupture	
406	A-L2W4-XHE-S2-8 A-L2W4-XHE-S2-8	Operator failure					to establish reflux after PRT rupture	
407	A-L2W4-XHE-SF-5 A-L2W4-XHE-SF-5	Operator Failure					to Feed SGs in Window 4-L2	
408	A-L2W4-XHE-SF-7 A-L2W4-XHE-SF-7	Operator Failure					to Feed SGs in Window 4-L2	
409	A-L2W4-XHE-SF-8 A-L2W4-XHE-SF-8	Operator Failure					to Feed SGs in Window 4-L2	
410 1	A-L3W1-XHE-C-13 A-L3W1-XHE-C-13	Operator Failure					to Establish High P Recirc in Window	
411 1	A-L3W1-XHE-C-17 A-L3W1-XHE-C-17	Operator Failure					to Establish High P Recirc in Window	
412 1	A-L3W1-XHE-C-4 A-L3W1-XHE-C-4	Operator Failure					to Establish High P Recirc in Window	
413 1	A-L3W1-XHE-C-8 A-L3W1-XHE-C-8	Operator Failure					to Establish High P Recirc in Window	
414	A-L3W1-XHE-CW-14 A-L3W1-XHE-CW-14	OPERATOR FAILS					TO ISOLATE THE CANAL IN L3	
415	A-L3W1-XHE-CW-18 A-L3W1-XHE-CW-18	OPERATOR FAILS					TO ISOLATE THE CANAL IN L3	
416	A-L3W1-XHE-CW-4 A-L3W1-XHE-CW-4	OPERATOR FAILS					TO ISOLATE THE CANAL IN L3	

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
417	A-L3W1-XHE-CW-5 A-L3W1-XHE-CW-5	OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
418	A-L3W1-XHE-CW-9 A-L3W1-XHE-CW-9	OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
419	A-L3W1-XHE-FH-14 A-L3W1-XHE-FH-14	Operator Failure to use HHSI in feed and spill in Windo						
420	A-L3W1-XHE-FH-18 A-L3W1-XHE-FH-18	Operator Failure to use HHSI in feed and spill in Windo						
421	A-L3W1-XHE-FH-5 A-L3W1-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
422	A-L3W1-XHE-FH-9 A-L3W1-XHE-FH-9	Operator Failure to use HHSI in feed and spill in Windo						
423	A-L3W1-XHE-FL-14 A-L3W1-XHE-FL-14	Operator failure to use LHSI in Feed and Spill in Windo						
424	A-L3W1-XHE-FL-18 A-L3W1-XHE-FL-18	Operator failure to use LHSI in Feed and Spill in Windo						
425	A-L3W1-XHE-FL-5 A-L3W1-XHE-FL-5	Operator failure to use LHSI in Feed and Spill in Windo						
426	A-L3W1-XHE-FL-9 A-L3W1-XHE-FL-9	Operator failure to use LHSI in Feed and Spill in Windo						
427	A-L3W1-XHE-G-10 A-L3W1-XHE-G-10	Operator Failure to establish gravity feed in window 1						
428	A-L3W1-XHE-G-6 A-L3W1-XHE-G-6	Operator Failure to establish gravity feed in window 1						
429	A-L3W1-XHE-P-13 A-L3W1-XHE-P-13	Operator Failure to Establish Recirculation Spray in W1						
430	A-L3W1-XHE-P-17 A-L3W1-XHE-P-17	Operator Failure to Establish Recirculation Spray in W1						
431	A-L3W1-XHE-P-4 A-L3W1-XHE-P-4	Operator Failure to Establish Recirculation Spray in W1						
432	A-L3W1-XHE-P-8 A-L3W1-XHE-P-8	Operator Failure to Establish Recirculation Spray in W1						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
433	A-L3W1-XHE-R-4 A-L3W1-XHE-R-4							
		Failure to Restore RHR given L3 in POS 6 of Refueling						
434	A-L3W1-XHE-S1-13 A-L3W1-XHE-S1-13							
		Operator Failure to Bleed the SGs 1 given L2						
435	A-L3W1-XHE-S1-17 A-L3W1-XHE-S1-17							
		Operator Failure to Bleed the SGs 1 given L2						
436	A-L3W1-XHE-S2-13 A-L3W1-XHE-S2-13							
		Operator failure to establish reflux after PRT rupture						
437	A-L3W1-XHE-S2-17 A-L3W1-XHE-S2-17							
		Operator failure to establish reflux after PRT rupture						
438	A-L3W1-XHE-SF-13 A-L3W1-XHE-SF-13							
		Operator Failure to Feed SGs in Window 1-L3						
439	A-L3W1-XHE-SF-17 A-L3W1-XHE-SF-17							
		Operator Failure to Feed SGs in Window 1-L3						
440	A-L3W2-XHE-C-13 A-L3W2-XHE-C-13							
2		Operator Failure to Establish High P Recirc in Window						
441	A-L3W2-XHE-C-17 A-L3W2-XHE-C-17							
2		Operator Failure to Establish High P Recirc in Window						
442	A-L3W2-XHE-C-4 A-L3W2-XHE-C-4							
2		Operator Failure to Establish High P Recirc in Window						
443	A-L3W2-XHE-C-8 A-L3W2-XHE-C-8							
2		Operator Failure to Establish High P Recirc in Window						
444	A-L3W2-XHE-CW-14 A-L3W2-XHE-CW-14							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
445	A-L3W2-XHE-CW-18 A-L3W2-XHE-CW-18							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
446	A-L3W2-XHE-CW-4 A-L3W2-XHE-CW-4							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
447	A-L3W2-XHE-CW-5 A-L3W2-XHE-CW-5							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
448	A-L3W2-XHE-CW-9 A-L3W2-XHE-CW-9							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
449	A-L3W2-XHE-FH-14 A-L3W2-XHE-FH-14	Operator Failure to use HHSI in feed and spill in Windo						
450	A-L3W2-XHE-FH-18 A-L3W2-XHE-FH-18	Operator Failure to use HHSI in feed and spill in Windo						
451	A-L3W2-XHE-FH-5 A-L3W2-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
452	A-L3W2-XHE-FH-9 A-L3W2-XHE-FH-9	Operator Failure to use HHSI in feed and spill in Windo						
453	A-L3W2-XHE-FL-14 A-L3W2-XHE-FL-14	Operator failure to use LHSI in Feed and Spill in Windo						
454	A-L3W2-XHE-FL-18 A-L3W2-XHE-FL-18	Operator failure to use LHSI in Feed and Spill in Windo						
455	A-L3W2-XHE-FL-5 A-L3W2-XHE-FL-5	Operator failure to use LHSI in Feed and Spill in Windo						
456	A-L3W2-XHE-FL-9 A-L3W2-XHE-FL-9	Operator failure to use LHSI in Feed and Spill in Windo						
457	A-L3W2-XHE-G-10 A-L3W2-XHE-G-10	Operator Failure to establish gravity feed in window 2						
458	A-L3W2-XHE-G-6 A-L3W2-XHE-G-6	Operator Failure to establish gravity feed in window 2						
459	A-L3W2-XHE-P-13 A-L3W2-XHE-P-13	Operator Failure to Establish Recirculation Spray in W2						
460	A-L3W2-XHE-P-17 A-L3W2-XHE-P-17	Operator Failure to Establish Recirculation Spray in W2						
461	A-L3W2-XHE-P-4 A-L3W2-XHE-P-4	Operator Failure to Establish Recirculation Spray in W2						
462	A-L3W2-XHE-P-8 A-L3W2-XHE-P-8	Operator Failure to Establish Recirculation Spray in W2						
463	A-L3W2-XHE-R-4 A-L3W2-XHE-R-4	Failure to Restore RHR given L3 in POS 6 of Refueling						
464	A-L3W2-XHE-S1-13 A-L3W2-XHE-S1-13	Operator Failure to Bleed the SGs 1 given L2						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
465	A-L3W2-XHE-S1-17 A-L3W2-XHE-S1-17							
		Operator Failure to Bleed the SGs 1 given L2						
466	A-L3W2-XHE-S2-13 A-L3W2-XHE-S2-13							
		Operator failure to establish reflux after PRT rupture						
467	A-L3W2-XHE-S2-17 A-L3W2-XHE-S2-17							
		Operator failure to establish reflux after PRT rupture						
468	A-L3W2-XHE-SF-13 A-L3W2-XHE-SF-13							
		Operator Failure to Feed SGs in Window 2-L3						
469	A-L3W2-XHE-SF-17 A-L3W2-XHE-SF-17							
		Operator Failure to Feed SGs in Window 2-L3						
470	A-L3W2-XHE-X A-L3W2-XHE-X							
		Operator Failure to Cross Connect RWST Given successful						
471	A-L3W3-XHE-CW-10 A-L3W3-XHE-CW-10							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
472	A-L3W3-XHE-CW-12 A-L3W3-XHE-CW-12							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
473	A-L3W3-XHE-CW-4 A-L3W3-XHE-CW-4							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
474	A-L3W3-XHE-CW-7 A-L3W3-XHE-CW-7							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
475	A-L3W3-XHE-FH-10 A-L3W3-XHE-FH-10							
		Operator Failure to use HHSI in feed and spill in Windo						
476	A-L3W3-XHE-FH-12 A-L3W3-XHE-FH-12							
		Operator Failure to use HHSI in feed and spill in Windo						
477	A-L3W3-XHE-FH-4 A-L3W3-XHE-FH-4							
		Operator Failure to use HHSI in feed and spill in Windo						
478	A-L3W3-XHE-FH-7 A-L3W3-XHE-FH-7							
		Operator Failure to use HHSI in feed and spill in Windo						
479	A-L3W3-XHE-FL-10 A-L3W3-XHE-FL-10							
		Operator failure to use LHSI in Feed and Spill in Windo						
480	A-L3W3-XHE-FL-12 A-L3W3-XHE-FL-12							
		Operator failure to use LHSI in Feed and Spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
481	A-L3W3-XHE-FL-4 A-L3W3-XHE-FL-4							
		Operator failure to use LHSI in Feed and Spill in Windo						
482	A-L3W3-XHE-FL-7 A-L3W3-XHE-FL-7							
		Operator failure to use LHSI in Feed and Spill in Windo						
483	A-L3W3-XHE-G-5 A-L3W3-XHE-G-5							
		Operator Failure to establish gravity feed in window 3						
484	A-L3W3-XHE-G-8 A-L3W3-XHE-G-8							
		Operator Failure to establish gravity feed in window 3						
485	A-L3W3-XHE-R-4 A-L3W3-XHE-R-4							
		Failure to Restore RHR given L3 in POS 6 of Refueling						
486	A-L3W3-XHE-S1-5 A-L3W3-XHE-S1-5							
		Operator Failure to Bleed the SGs 1 given L2						
487	A-L3W3-XHE-S1-7 A-L3W3-XHE-S1-7							
		Operator Failure to Bleed the SGs 1 given L2						
488	A-L3W3-XHE-S1-8 A-L3W3-XHE-S1-8							
		Operator Failure to Bleed the SGs 1 given L2						
489	A-L3W3-XHE-S2-5 A-L3W3-XHE-S2-5							
		Operator failure to establish reflux after PRT rupture						
490	A-L3W3-XHE-S2-7 A-L3W3-XHE-S2-7							
		Operator failure to establish reflux after PRT rupture						
491	A-L3W3-XHE-S2-8 A-L3W3-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						
492	A-L3W3-XHE-SF-5 A-L3W3-XHE-SF-5							
		Operator Failure to Feed SGs in Window 3-L2						
493	A-L3W3-XHE-SF-7 A-L3W3-XHE-SF-7							
		Operator Failure to Feed SGs in Window 3-L2						
494	A-L3W3-XHE-SF-8 A-L3W3-XHE-SF-8							
		Operator Failure to Feed SGs in Window 3-L2						
495	A-L3W4-XHE-CW-10 A-L3W4-XHE-CW-10							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
496	A-L3W4-XHE-CW-12 A-L3W4-XHE-CW-12							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
497	A-L3W4-XHE-CW-5 A-L3W4-XHE-CW-5							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
498	A-L3W4-XHE-CW-8 A-L3W4-XHE-CW-8							
		OPERATOR FAILS TO ISOLATE THE CANAL IN L3						
499	A-L3W4-XHE-FH-10 A-L3W4-XHE-FH-10							
		Operator Failure to use HHSI in feed and spill in Windo						
500	A-L3W4-XHE-FH-12 A-L3W4-XHE-FH-12							
		Operator Failure to use HHSI in feed and spill in Windo						
501	A-L3W4-XHE-FH-5 A-L3W4-XHE-FH-5							
		Operator Failure to use HHSI in feed and spill in Windo						
502	A-L3W4-XHE-FH-8 A-L3W4-XHE-FH-8							
		Operator Failure to use HHSI in feed and spill in Windo						
503	A-L3W4-XHE-FL-10 A-L3W4-XHE-FL-10							
		Operator failure to use LHSI in Feed and Spill in Windo						
504	A-L3W4-XHE-FL-12 A-L3W4-XHE-FL-12							
		Operator failure to use LHSI in Feed and Spill in Windo						
505	A-L3W4-XHE-FL-5 A-L3W4-XHE-FL-5							
		Operator failure to use LHSI in Feed and Spill in Windo						
506	A-L3W4-XHE-FL-8 A-L3W4-XHE-FL-8							
		Operator failure to use LHSI in Feed and Spill in Windo						
507	A-L3W4-XHE-G-5 A-L3W4-XHE-G-5							
		Operator Failure to establish gravity feed in window 4						
508	A-L3W4-XHE-G-8 A-L3W4-XHE-G-8							
		Operator Failure to establish gravity feed in window 4						
509	A-L3W4-XHE-R-5 A-L3W4-XHE-R-5							
		Failure to Restore RHR given L3 in POS 6 of Refueling						
510	A-L3W4-XHE-S1-5 A-L3W4-XHE-S1-5							
		Operator Failure to Bleed the SGs 1 given L3						
511	A-L3W4-XHE-S1-7 A-L3W4-XHE-S1-7							
		Operator Failure to Bleed the SGs 1 given L3						
512	A-L3W4-XHE-S1-8 A-L3W4-XHE-S1-8							
		Operator Failure to Bleed the SGs 1 given L3						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
513	A-L3W4-XHE-S2-5 A-L3W4-XHE-S2-5							Operator failure to establish reflux after PRT rupture
514	A-L3W4-XHE-S2-7 A-L3W4-XHE-S2-7							Operator failure to establish reflux after PRT rupture
515	A-L3W4-XHE-S2-8 A-L3W4-XHE-S2-8							Operator failure to establish reflux after PRT rupture
516	A-L3W4-XHE-SF-5 A-L3W4-XHE-SF-5							Operator Failure to Feed SGs in Window 4-L3
517	A-L3W4-XHE-SF-7 A-L3W4-XHE-SF-7							Operator Failure to Feed SGs in Window 4-L3
518	A-L3W4-XHE-SF-8 A-L3W4-XHE-SF-8							Operator Failure to Feed SGs in Window 4-L3
519	A-R3D6-XHE-F-3 A-R3D6-XHE-F-3							Operator Failure to Establish Feed an Bleed POS 6 Drain
520	A-R3R10-XHE-F-4 A-R3R10-XHE-F-4							Operator Failure to Establish Feed an Bleed POS 10 of
521	A-R3R10-XHE-G-4 A-R3R10-XHE-G-4							Operator Failure to Establish Gravity Feed in POS 10 of
522	A-R3R6-XHE-F-4 A-R3R6-XHE-F-4							Operator Failure to Establish Feed an Bleed POS 6-Refue
523	A-R3R6-XHE-G-5 A-R3R6-XHE-G-5							Operator Failure to Establish Gravity Feed in POS 6-Ref
524	A-R3R6-XHE-S-8 A-R3R6-XHE-S-8							Operator Failure to Establish Reflux Cooling in POS 6
525	A-R3W1-XHE-C-3 A-R3W1-XHE-C-3							Operator Failure to Establish High P Recirc in Window
526	A-R3W1-XHE-C-8 A-R3W1-XHE-C-8							Operator Failure to Establish High P Recirc in Window
527	A-R3W1-XHE-FH-4 A-R3W1-XHE-FH-4							Operator Failure to use HHSI in feed and spill in Windo
528	A-R3W1-XHE-FH-9 A-R3W1-XHE-FH-9							Operator Failure to use HHSI in feed and spill in Windo

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
529	A-R3W1-XHE-FL-4 A-R3W1-XHE-FL-4							
		Operator failure ot use LHSI in Feed and Spill in Windo						
530	A-R3W1-XHE-FL-9 A-R3W1-XHE-FL-9							
		Operator failure ot use LHSI in Feed and Spill in Windo						
531	A-R3W1-XHE-G-5 A-R3W1-XHE-G-5							
		Operator Failure to establish gravity feed in window 1						
532	A-R3W1-XHE-P-3 A-R3W1-XHE-P-3							
		Operator Failure to Establish Recirculation Spray in W1						
533	A-R3W1-XHE-S1-8 A-R3W1-XHE-S1-8							
		Operator Failure to Bleed the SGs 1 given R3						
534	A-R3W1-XHE-S2-8 A-R3W1-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						
535	A-R3W1-XHE-SF-8 A-R3W1-XHE-SF-8							
		Operator Failure to Feed SGs in Window 1-R3						
536	A-R3W2-XHE-C-3 A-R3W2-XHE-C-3							
2		Operator Failure to Establish High P Recirc in Window						
537	A-R3W2-XHE-C-8 A-R3W2-XHE-C-8							
2		Operator Failure to Establish High P Recirc in Window						
538	A-R3W2-XHE-FH-4 A-R3W2-XHE-FH-4							
		Operator Failure to use HHSI in feed and spill in Windo						
539	A-R3W2-XHE-FH-9 A-R3W2-XHE-FH-9							
		Operator Failure to use HHSI in feed and spill in Windo						
540	A-R3W2-XHE-FL-4 A-R3W2-XHE-FL-4							
		Operator failure ot use LHSI in Feed and Spill in Windo						
541	A-R3W2-XHE-FL-9 A-R3W2-XHE-FL-9							
		Operator failure ot use LHSI in Feed and Spill in Windo						
542	A-R3W2-XHE-G-5 A-R3W2-XHE-G-5							
		Operator Failure to establish gravity feed in window 2						
543	A-R3W2-XHE-P-3 A-R3W2-XHE-P-3							
		Operator Failure to Establish Recirculation Spray in W2						
544	A-R3W2-XHE-S1-8 A-R3W2-XHE-S1-8							
		Operator Failure to Bleed the SGs 1 given R3						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
545	A-R3W2-XHE-S2-8 A-R3W2-XHE-S2-8							Operator failure to establish reflux after PRT rupture
546	A-R3W2-XHE-SF-8 A-R3W2-XHE-SF-8							Operator Failure to Feed SGs in Window 1-R3
547	A-R3W2-XHE-X A-R3W2-XHE-X							Operator Failure to Cross Connect RWST Given Successful
548	A-R3W3-XHE-FH-3 A-R3W3-XHE-FH-3							Operator Failure to use HHSI in feed and spill in Windo
549	A-R3W3-XHE-FH-7 A-R3W3-XHE-FH-7							Operator Failure to use HHSI in feed and spill in Windo
550	A-R3W3-XHE-FL-3 A-R3W3-XHE-FL-3							Operator failure ot use LHSI in Feed and Spill in Windo
551	A-R3W3-XHE-FL-7 A-R3W3-XHE-FL-7							Operator failure ot use LHSI in Feed and Spill in Windo
552	A-R3W3-XHE-G-4 A-R3W3-XHE-G-4							Operator Failure to establish gravity feed in window 3
553	A-R3W3-XHE-S1-7 A-R3W3-XHE-S1-7							Operator Failure to Bleed the SGs given R3
554	A-R3W3-XHE-S2-7 A-R3W3-XHE-S2-7							Operator failure to establish reflux after PRT rupture
555	A-R3W3-XHE-SF-7 A-R3W3-XHE-SF-7							Operator Failure to Feed SGs in Window 3
556	A-R3W4-XHE-FH-4 A-R3W4-XHE-FH-4							Operator Failure to use HHSI in feed and spill in Windo
557	A-R3W4-XHE-FH-7 A-R3W4-XHE-FH-7							Operator Failure to use HHSI in feed and spill in Windo
558	A-R3W4-XHE-FL-4 A-R3W4-XHE-FL-4							Operator failure ot use LHSI in Feed and Spill in Windo
559	A-R3W4-XHE-FL-7 A-R3W4-XHE-FL-7							Operator failure ot use LHSI in Feed and Spill in Windo
560	A-R3W4-XHE-G-4 A-R3W4-XHE-G-4							Operator Failure to establish gravity feed in window 4

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
561	A-R3W4-XHE-S1-7 A-R3W4-XHE-S1-7							
		Operator Failure to Bleed the SGs in Window 4						
562	A-R3W4-XHE-S2-7 A-R3W4-XHE-S2-7							
		Operator failure to establish reflux after PRT rupture						
563	A-R3W4-XHE-SF-7 A-R3W4-XHE-SF-7							
		Operator Failure to Feed SGs in Window 4-RHR3						
564	A-R4D6-XHE-F-4 A-R4D6-XHE-F-4							
		Operator Failure to Establish Feed an Bleed POS 6 Drain						
565	A-R4D6-XHE-R-4 A-R4D6-XHE-R-4							
		Failure to Restore RHR given RHR2A in POS 6 of Drained						
566	A-R4R10-XHE-F-5 A-R4R10-XHE-F-5							
R		Operator Failure to Establish Feed an Bleed POS 10 of						
567	A-R4R10-XHE-G-5 A-R4R10-XHE-G-5							
		Operator Failure to Establish Gravity Feed in POS 10 of						
568	A-R4R10-XHE-R-5 A-R4R10-XHE-R-5							
		Failure to Restore RHR given RHR4 in POS 10 of Refueli						
569	A-R4R6-XHE-F-5 A-R4R6-XHE-F-5							
		Operator Failure to Establish Feed an Bleed POS 6-Refue						
570	A-R4R6-XHE-F-9 A-R4R6-XHE-F-9							
		Operator Failure to Establish Feed an Bleed POS 6-Refue						
571	A-R4R6-XHE-G-6 A-R4R6-XHE-G-6							
		Operator Failure to Establish Gravity Feed in POS 6-Ref						
572	A-R4R6-XHE-R-5 A-R4R6-XHE-R-5							
		Failure to Restore RHR given RHR4 in POS 6 of Refuelin						
573	A-R4R6-XHE-S-9 A-R4R6-XHE-S-9							
o		Operator Failure to Establish Reflux Cooling in POS 6						
574	A-R4W1-XHE-C-4 A-R4W1-XHE-C-4							
1		Operator Failure to Establish High P Recirc in Window						
575	A-R4W1-XHE-C-9 A-R4W1-XHE-C-9							
1		Operator Failure to Establish High P Recirc in Window						
576	A-R4W1-XHE-FH-10 A-R4W1-XHE-FH-10							
		Operator Failure to use HHSI in feed and spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
577	A-R4W1-XHE-FH-5 A-R4W1-XHE-FH-5							
		Operator Failure to use HHSI in feed and spill in Windo						
578	A-R4W1-XHE-FL-10 A-R4W1-XHE-FL-10							
		Operator failure ot use LHSI in Feed and Spill in Windo						
579	A-R4W1-XHE-FL-5 A-R4W1-XHE-FL-5							
		Operator failure ot use LHSI in Feed and Spill in Windo						
580	A-R4W1-XHE-G-6 A-R4W1-XHE-G-6							
		Operator Failure to establish gravity feed in window 1						
581	A-R4W1-XHE-P-4 A-R4W1-XHE-P-4							
		Operator Failure to Establish Recirculation Spray in W1						
582	A-R4W1-XHE-R-4 A-R4W1-XHE-R-4							
		Failure to Restore RHR, given RHR4 in Window 1						
583	A-R4W1-XHE-S1-9 A-R4W1-XHE-S1-9							
		Operator Failure to Bleed the SGs 1 given R4						
584	A-R4W1-XHE-S2-9 A-R4W1-XHE-S2-9							
		Operator failure to establish reflux after PRT rupture						
585	A-R4W1-XHE-SF-9 A-R4W1-XHE-SF-9							
		Operator Failure to Feed SGs in Window 1-R4						
586	A-R4W2-XHE-C-4 A-R4W2-XHE-C-4							
2		Operator Failure to Establish High P Recirc in Window						
587	A-R4W2-XHE-C-9 A-R4W2-XHE-C-9							
2		Operator Failure to Establish High P Recirc in Window						
588	A-R4W2-XHE-FH-10 A-R4W2-XHE-FH-10							
		Operator Failure to use HHSI in feed and spill in Windo						
589	A-R4W2-XHE-FH-5 A-R4W2-XHE-FH-5							
		Operator Failure to use HHSI in feed and spill in Windo						
590	A-R4W2-XHE-FL-10 A-R4W2-XHE-FL-10							
		Operator failure ot use LHSI in Feed and Spill in Windo						
591	A-R4W2-XHE-FL-5 A-R4W2-XHE-FL-5							
		Operator failure ot use LHSI in Feed and Spill in Windo						
592	A-R4W2-XHE-G-6 A-R4W2-XHE-G-6							
		Operator Failure to Establish Gravity Feed in Window 2						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
593	A-R4W2-XHE-P-4 A-R4W2-XHE-P-4							
		Operator Failure to Establish Recirculation Spray in W2						
594	A-R4W2-XHE-R-4 A-R4W2-XHE-R-4							
		Failure to Restore RHR, given RHR4 in Window 2						
595	A-R4W2-XHE-S1-9 A-R4W2-XHE-S1-9							
		Operator Failure to Bleed the SGs 1 Given RHR4						
596	A-R4W2-XHE-S2-9 A-R4W2-XHE-S2-9							
		Operator Failure to Establish Reflux after PRT Rupture						
597	A-R4W2-XHE-SF-9 A-R4W2-XHE-SF-9							
		Operator Failure to Feed SGs in Window 2-R5						
598	A-R4W2-XHE-X A-R4W2-XHE-X							
		Operator Failure to Cross Connect RWST Given Successful						
599	A-R4W3-XHE-FH-4 A-R4W3-XHE-FH-4							
		Operator Failure to use HHSI in feed and spill in Windo						
600	A-R4W3-XHE-FH-8 A-R4W3-XHE-FH-8							
		Operator Failure to use HHSI in feed and spill in Windo						
601	A-R4W3-XHE-FL-4 A-R4W3-XHE-FL-4							
		Operator failure ot use LHSI in Feed and Spill in Windo						
602	A-R4W3-XHE-FL-8 A-R4W3-XHE-FL-8							
		Operator failure ot use LHSI in Feed and Spill in Windo						
603	A-R4W3-XHE-G-5 A-R4W3-XHE-G-5							
		Operator Failure to establish gravity feed in window 3						
604	A-R4W3-XHE-R-4 A-R4W3-XHE-R-4							
		Failure to Restore RHR, given RHR4 in Window 3						
605	A-R4W3-XHE-S1-8 A-R4W3-XHE-S1-8							
		Operator Failure to Bleed the SGs given R4						
606	A-R4W3-XHE-S2-8 A-R4W3-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						
607	A-R4W3-XHE-SF-8 A-R4W3-XHE-SF-8							
		Operator Failure to Feed SGs in Window 3						
608	A-R4W4-XHE-FH-5 A-R4W4-XHE-FH-5							
		Operator Failure to use HHSI in feed and spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
609	A-R4W4-XHE-FH-8 A-R4W4-XHE-FH-8							
		Operator Failure to use HHSI in feed and spill in Windo						
610	A-R4W4-XHE-FL-5 A-R4W4-XHE-FL-5							
		Operator failure ot use LHSI in Feed and Spill in Windo						
611	A-R4W4-XHE-FL-8 A-R4W4-XHE-FL-8							
		Operator failure ot use LHSI in Feed and Spill in Windo						
612	A-R4W4-XHE-G-5 A-R4W4-XHE-G-5							
		Operator Failure to establish gravity feed in window 4						
613	A-R4W4-XHE-R-5 A-R4W4-XHE-R-5							
		Failure to Restore RHR, given RHR4 in Window 4						
614	A-R4W4-XHE-S1-8 A-R4W4-XHE-S1-8							
		Operator Failure to Bleed the SGs in Window 4						
615	A-R4W4-XHE-S2-8 A-R4W4-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						
616	A-R4W4-XHE-SF-8 A-R4W4-XHE-SF-8							
		Operator Failure to Feed SGs in Window 4-RHR4						
617	A-R5D6-XHE-F-4 A-R5D6-XHE-F-4							
		Operator Failure to Establish Feed an Bleed POS 6 Drain						
618	A-R5D6-XHE-R-4 A-R5D6-XHE-R-4							
		Failure to Restore RHR given RHR2A in POS 6 of Drained						
619	A-R5R10-XHE-F-5 A-R5R10-XHE-F-5							
		Operator Failure to Establish Feed an Bleed POS 10 Refu						
620	A-R5R10-XHE-G-5 A-R5R10-XHE-G-5							
		Operator Failure to Establish Gravity Feed in POS 10 of						
621	A-R5R10-XHE-R-5 A-R5R10-XHE-R-5							
		Failure to Restore RHR given RHR2A in POS 10 of Refuel						
622	A-R5R6-XHE-F-5 A-R5R6-XHE-F-5							
		Operator Failure to Establish Feed an Bleed POS 6-Refue						
623	A-R5R6-XHE-F-9 A-R5R6-XHE-F-9							
		Operator Failure to Establish Feed an Bleed POS 6-Refue						
624	A-R5R6-XHE-G-6 A-R5R6-XHE-G-6							
		Operator Failure to Establish Gravity Feed in POS 6-Ref						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
625	A-R5R6-XHE-R-5 A-R5R6-XHE-R-5	Failure to Restore RHR		given RHR2A in POS 6 of Refueli				
626	A-R5R6-XHE-S-9 A-R5R6-XHE-S-9	Operator Failure to Establish Reflux Cooling in POS 6						
627	A-R5W1-XHE-C-4 A-R5W1-XHE-C-4	Operator Failure to Establish High P Recirc in Window						
628	A-R5W1-XHE-C-9 A-R5W1-XHE-C-9	Operator Failure to Establish High P Recirc in Window						
629	A-R5W1-XHE-FH-10 A-R5W1-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
630	A-R5W1-XHE-FH-5 A-R5W1-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
631	A-R5W1-XHE-FL-10 A-R5W1-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						
632	A-R5W1-XHE-FL-5 A-R5W1-XHE-FL-5	Operator failure ot use LHSI in Feed and Spill in Windo						
633	A-R5W1-XHE-G-6 A-R5W1-XHE-G-6	Operator Failure to establish gravity feed in window 1						
634	A-R5W1-XHE-P-4 A-R5W1-XHE-P-4	Operator Failure to Establish Recirculation Spray in W1						
635	A-R5W1-XHE-R-4 A-R5W1-XHE-R-4	Failure to Restore RHR, given RHR5 in Window 1						
636	A-R5W1-XHE-S1-9 A-R5W1-XHE-S1-9	Operator Failure to Bleed the SGs 1 given R5						
637	A-R5W1-XHE-S2-9 A-R5W1-XHE-S2-9	Operator failure to establish reflux after PRT rupture						
638	A-R5W1-XHE-SF-9 A-R5W1-XHE-SF-9	Operator Failure to Feed SGs in Window 1-R5						
639	A-R5W2-XHE-C-4 A-R5W2-XHE-C-4	Operator Failure to Establish High P Recirc in Window						
640	A-R5W2-XHE-C-9 A-R5W2-XHE-C-9	Operator Failure to Establish High P Recirc in Window						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
641	A-R5W2-XHE-FH-10 A-R5W2-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
642	A-R5W2-XHE-FH-5 A-R5W2-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
643	A-R5W2-XHE-FL-10 A-R5W2-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						
644	A-R5W2-XHE-FL-5 A-R5W2-XHE-FL-5	Operator failure ot use LHSI in Feed and Spill in Windo						
645	A-R5W2-XHE-G-6 A-R5W2-XHE-G-6	Operator Failure to Establish Gravity Feed in Window 2						
646	A-R5W2-XHE-P-4 A-R5W2-XHE-P-4	Operator Failure to Establish Recirculation Spray in W2						
647	A-R5W2-XHE-R-4 A-R5W2-XHE-R-4	Failure to Restore RHR, given RHR5 in Window 2						
648	A-R5W2-XHE-S1-9 A-R5W2-XHE-S1-9	Operator Failure to Bleed the SGs 1 Given RHR4						
649	A-R5W2-XHE-S2-9 A-R5W2-XHE-S2-9	Operator Failure to Establish Reflux after PRT Rupture						
650	A-R5W2-XHE-SF-9 A-R5W2-XHE-SF-9	Operator Failure to Feed SGs in Window 2-R5						
651	A-R5W2-XHE-X A-R5W2-XHE-X	Operator Failure to Cross Connect RWST Given Successful						
652	A-R5W3-XHE-FH-4 A-R5W3-XHE-FH-4	Operator Failure to use HHSI in feed and spill in Windo						
653	A-R5W3-XHE-FH-8 A-R5W3-XHE-FH-8	Operator Failure to use HHSI in feed and spill in Windo						
654	A-R5W3-XHE-FL-4 A-R5W3-XHE-FL-4	Operator failure ot use LHSI in Feed and Spill in Windo						
655	A-R5W3-XHE-FL-8 A-R5W3-XHE-FL-8	Operator failure ot use LHSI in Feed and Spill in Windo						
656	A-R5W3-XHE-G-5 A-R5W3-XHE-G-5	Operator Failure to establish gravity feed in window 3						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
657	A-R5W3-XHE-R-4 A-R5W3-XHE-R-4							Failure to Restore RHR, given RHR5 in Window 3
658	A-R5W3-XHE-S1-8 A-R5W3-XHE-S1-8							Operator Failure to Bleed the SGs given R5
659	A-R5W3-XHE-S2-8 A-R5W3-XHE-S2-8							Operator failure to establish reflux after PRT rupture
660	A-R5W3-XHE-SF-8 A-R5W3-XHE-SF-8							Operator Failure to Feed SGs in Window 3
661	A-R5W4-XHE-FH-5 A-R5W4-XHE-FH-5							Operator Failure to use HHSI in feed and spill in Windo
662	A-R5W4-XHE-FH-8 A-R5W4-XHE-FH-8							Operator Failure to use HHSI in feed and spill in Windo
663	A-R5W4-XHE-FL-5 A-R5W4-XHE-FL-5							Operator failure ot use LHSI in Feed and Spill in Windo
664	A-R5W4-XHE-FL-8 A-R5W4-XHE-FL-8							Operator failure ot use LHSI in Feed and Spill in Windo
665	A-R5W4-XHE-G-5 A-R5W4-XHE-G-5							Operator Failure to establish gravity feed in window 4
666	A-R5W4-XHE-R-5 A-R5W4-XHE-R-5							Failure to Restore RHR, given RHR5 in Window 4
667	A-R5W4-XHE-S1-8 A-R5W4-XHE-S1-8							Operator Failure to Bleed the SGs in Window 4
668	A-R5W4-XHE-S2-8 A-R5W4-XHE-S2-8							Operator failure to establish reflux after PRT rupture
669	A-R5W4-XHE-SF-8 A-R5W4-XHE-SF-8							Operator Failure to Feed SGs in Window 4-RHR5
670	A-RAD6-XHE-F-4 A-RAD6-XHE-F-4							Operator Failure to Establish Feed an Bleed POS 6 Drain
671	A-RAD6-XHE-F-6 A-RAD6-XHE-F-6							Operator Failure to Establish Feed an Bleed POS 6 Drain
672	A-RAD6-XHE-M-6 A-RAD6-XHE-M-6							Failure to makeup in an Overdraining event in POS 6 of

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
673	A-RAD6-XHE-R-4 A-RAD6-XHE-R-4	Failure to Restore RHR		given RHR2A			in POS 6 of Refueli	
674	A-RAR10-XHE-F-5 A-RAR10-XHE-F-5	Operator Failure to Establish Feed					an Bleed POS 10 of	
675	A-RAR10-XHE-G-10 A-RAR10-XHE-G-10	Operator Failure to Establish Gravity Feed					in POS 10 Re	
676	A-RAR10-XHE-G-5 A-RAR10-XHE-G-5	Operator Failure to Establish Gravity Feed					in POS 10 Re	
677	A-RAR10-XHE-M-10 A-RAR10-XHE-M-10	Failure to makeup in an Overdraining event					in POS 10 of	
678	A-RAR10-XHE-R-5 A-RAR10-XHE-R-5	Failure to Restore RHR		given RHR2A			in POS 10 of Refuel	
679	A-RAR6-XHE-F-13 A-RAR6-XHE-F-13	Operator Failure to Establish Feed					an Bleed POS 6-Refue	
680	A-RAR6-XHE-F-16 A-RAR6-XHE-F-16	Operator Failure to Establish Feed					an Bleed POS 6-Refue	
681	A-RAR6-XHE-F-5 A-RAR6-XHE-F-5	Operator Failure to Establish Feed					an Bleed POS 6-Refue	
682	A-RAR6-XHE-F-9 A-RAR6-XHE-F-9	Operator Failure to Establish Feed					an Bleed POS 6-Refue	
683	A-RAR6-XHE-G-13 A-RAR6-XHE-G-13	Operator Failure to Establish Gravity Feed					in POS 6-Ref	
684	A-RAR6-XHE-G-6 A-RAR6-XHE-G-6	Operator Failure to Establish Gravity Feed					in POS 6-Ref	
685	A-RAR6-XHE-M-12 A-RAR6-XHE-M-12	Failure to makeup in an Overdraining event					in POS 6 of	
686	A-RAR6-XHE-R-5 A-RAR6-XHE-R-5	Failure to Restore RHR		given RHR2A			in POS 6 of Refueli	
687	A-RAR6-XHE-S-16 A-RAR6-XHE-S-16	Operator Failure to Establish Reflux Cooling					in R6 Seq	
688	A-RAR6-XHE-S-9 A-RAR6-XHE-S-9	Operator Failure to Establish Reflux Cooling					in POS 6	

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
689	A-RAW1-XHE-C-4 A-RAW1-XHE-C-4	Operator Failure to Establish High P Recirc in Window						
1								
690	A-RAW1-XHE-C-9 A-RAW1-XHE-C-9	Operator Failure to Establish High P Recirc in Window						
1								
691	A-RAW1-XHE-FH-10 A-RAW1-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
692	A-RAW1-XHE-FH-5 A-RAW1-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
693	A-RAW1-XHE-FL-10 A-RAW1-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						
694	A-RAW1-XHE-FL-5 A-RAW1-XHE-FL-5	Operator failure ot use LHSI in Feed and Spill in Windo						
695	A-RAW1-XHE-G-6 A-RAW1-XHE-G-6	Operator Failure to establish gravity feed in window 1						
696	A-RAW1-XHE-M-12 A-RAW1-XHE-M-12	Failure to Makeup Given Over Draining in Window 1						
697	A-RAW1-XHE-P-4 A-RAW1-XHE-P-4	Operator Failure to Establish Recirculation Spray in W1						
698	A-RAW1-XHE-R-4 A-RAW1-XHE-R-4	Failure to Restore RHR, given RHR2A in Window 1						
699	A-RAW1-XHE-S1-9 A-RAW1-XHE-S1-9	Operator Failure to Bleed the SGs 1 given RHR2A						
700	A-RAW1-XHE-S2-9 A-RAW1-XHE-S2-9	Operator failure to establish reflux after PRT rupture						
701	A-RAW1-XHE-SF-9 A-RAW1-XHE-SF-9	Operator Failure to Feed SGs in Window 1-RHR2A						
702	A-RAW2-XHE-C-4 A-RAW2-XHE-C-4	Operator Failure to Establish High P Recirc in Window						
2								
703	A-RAW2-XHE-C-9 A-RAW2-XHE-C-9	Operator Failure to Establish High P Recirc in Window						
2								
704	A-RAW2-XHE-FH-10 A-RAW2-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
705	A-RAW2-XHE-FH-5 A-RAW2-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
706	A-RAW2-XHE-FL-10 A-RAW2-XHE-FL-10	Operator failure to use LHSI in Feed and Spill in Windo						
707	A-RAW2-XHE-FL-5 A-RAW2-XHE-FL-5	Operator failure ot use LHSI in Feed and Spill in Windo						
708	A-RAW2-XHE-G-6 A-RAW2-XHE-G-6	Operator Failure to Establish Gravity Feed in Window 2						
709	A-RAW2-XHE-M-12 A-RAW2-XHE-M-12	Failure to Makeup Given Inventory Loss in Window 2						
710	A-RAW2-XHE-P-4 A-RAW2-XHE-P-4	Operator Failure to Establish Recirculation Spray in W2						
711	A-RAW2-XHE-P4 A-RAW2-XHE-P4	Operator Failure to Establish Recirculation Spray in W2						
712	A-RAW2-XHE-R-4 A-RAW2-XHE-R-4	Failure to Restore RHR, given RHR2A in Window 2						
713	A-RAW2-XHE-S1-9 A-RAW2-XHE-S1-9	Operator Failure to Bleed the SGs in Window 2						
714	A-RAW2-XHE-S2-9 A-RAW2-XHE-S2-9	Operator failure to establish reflux after PRT rupture						
715	A-RAW2-XHE-SF-9 A-RAW2-XHE-SF-9	Operator Failure to Feed SGs in Window 1-RHR2A						
716	A-RAW2-XHE-X A-RAW2-XHE-X	Operator Failure to Cross Connect RWST Given Successful						
717	A-RAW3-XHE-FH-4 A-RAW3-XHE-FH-4	Operator Failure to use HHSI in feed and spill in Windo						
718	A-RAW3-XHE-FH-8 A-RAW3-XHE-FH-8	Operator Failure to use HHSI in feed and spill in Windo						
719	A-RAW3-XHE-FL-4 A-RAW3-XHE-FL-4	Operator failure ot use LHSI in Feed and Spill in Windo						
720	A-RAW3-XHE-FL-8 A-RAW3-XHE-FL-8	Operator failure ot use LHSI in Feed and Spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
721	A-RAW3-XHE-G-5 A-RAW3-XHE-G-5							
		Operator Failure to establish gravity feed in window 3						
722	A-RAW3-XHE-M-10 A-RAW3-XHE-M-10							
		Failure to Makeup Given Inventory Loss in Window 3						
723	A-RAW3-XHE-R-4 A-RAW3-XHE-R-4							
		Failure to Restore RHR, given RHR2A in Window 3						
724	A-RAW3-XHE-S-8 A-RAW3-XHE-S-8							
		Operator Failure to Feed SGs in Window 3-RHR2A						
725	A-RAW3-XHE-S1-8 A-RAW3-XHE-S1-8							
		Operator Failure to Bleed the SGs in Window 3						
726	A-RAW3-XHE-S2-8 A-RAW3-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						
727	A-RAW3-XHE-SF-8 A-RAW3-XHE-SF-8							
		Operator Failure to Feed SGs in Window 3-RHR2A						
728	A-RAW4-XHE-FH-5 A-RAW4-XHE-FH-5							
		Operator Failure to use HHSI in feed and spill in Windo						
729	A-RAW4-XHE-FH-8 A-RAW4-XHE-FH-8							
		Operator Failure to use HHSI in feed and spill in Windo						
730	A-RAW4-XHE-FL-5 A-RAW4-XHE-FL-5							
		Operator failure ot use LHSI in Feed and Spill in Windo						
731	A-RAW4-XHE-FL-8 A-RAW4-XHE-FL-8							
		Operator failure ot use LHSI in Feed and Spill in Windo						
732	A-RAW4-XHE-G-5 A-RAW4-XHE-G-5							
		Operator Failure to establish gravity feed in window 4						
733	A-RAW4-XHE-M-11 A-RAW4-XHE-M-11							
		Failure to Makeup Over Draining in Window 4						
734	A-RAW4-XHE-R-5 A-RAW4-XHE-R-5							
		Failure to Restore RHR, given RHR2A in Window 4						
735	A-RAW4-XHE-S1-8 A-RAW4-XHE-S1-8							
		Operator Failure to Bleed the SGs in Window 4						
736	A-RAW4-XHE-S2-8 A-RAW4-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
737	A-RAW4-XHE-SF-8 A-RAW4-XHE-SF-8							
		Operator Failure to Feed SGs in Window 4-RHR2A						
738	A-RBD6-XHE-F-4 A-RBD6-XHE-F-4							
		Operator Failure to Establish Feed an Bleed POS 6 Drain						
739	A-RBD6-XHE-F-6 A-RBD6-XHE-F-6							
		Operator Failure to Establish Feed an Bleed POS 6 Drain						
740	A-RBD6-XHE-M-6 A-RBD6-XHE-M-6							
M		Failure to Makeup Inventory Event in POS 6 of Drained						
741	A-RBD6-XHE-R-4 A-RBD6-XHE-R-4							
		Failure to Restore RHR given RHRB in POS 6 of Drained						
742	A-RBR10-XHE-F-5 A-RBR10-XHE-F-5							
R		Operator Failure to Establish Feed an Bleed POS 10 of						
743	A-RBR10-XHE-G-10 A-RBR10-XHE-G-10							
		Operator Failure to Establish Gravity Feed in POS 10 of						
744	A-RBR10-XHE-G-5 A-RBR10-XHE-G-5							
		Operator Failure to Establish Gravity Feed in POS 10 of						
745	A-RBR10-XHE-M-10 A-RBR10-XHE-M-10							
		Failure to Makeup Inventory Event in POS 10 of Refuelin						
746	A-RBR10-XHE-R-5 A-RBR10-XHE-R-5							
		Failure to Restore RHR given RHRB in POS 10 of Refueli						
747	A-RBR6-XHE-F-13 A-RBR6-XHE-F-13							
		Operator Failure to Establish Feed an Bleed POS 6-Refue						
748	A-RBR6-XHE-F-16 A-RBR6-XHE-F-16							
		Operator Failure to Establish Feed an Bleed POS 6-Refue						
749	A-RBR6-XHE-F-5 A-RBR6-XHE-F-5							
		Operator Failure to Establish Feed an Bleed POS 6-Refue						
750	A-RBR6-XHE-F-9 A-RBR6-XHE-F-9							
		Operator Failure to Establish Feed an Bleed POS 6-Refue						
751	A-RBR6-XHE-G-13 A-RBR6-XHE-G-13							
		Operator Failure to Establish Gravity Feed in POS 6-Ref						
752	A-RBR6-XHE-G-6 A-RBR6-XHE-G-6							
		Operator Failure to Establish Gravity Feed in POS 6-Ref						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
753	A-RBR6-XHE-M-12 A-RBR6-XHE-M-12							
		Failure to Makeup Inventory Event in POS 10 of Refuelin						
754	A-RBR6-XHE-R-5 A-RBR6-XHE-R-5							
		Failure to Restore RHR given RHRB in POS 6 of Refuelin						
755	A-RBR6-XHE-S-16 A-RBR6-XHE-S-16							
o		Operator Failure to Establish Reflux Cooling in POS 6						
756	A-RBR6-XHE-S-9 A-RBR6-XHE-S-9							
o		Operator Failure to Establish Reflux Cooling in POS 6						
757	A-RBW1-XHE-C-4 A-RBW1-XHE-C-4							
1		Operator Failure to Establish High P Recirc in Window						
758	A-RBW1-XHE-C-9 A-RBW1-XHE-C-9							
1		Operator Failure to Establish High P Recirc in Window						
759	A-RBW1-XHE-FH-10 A-RBW1-XHE-FH-10							
		Operator Failure to use HHSI in feed and spill in Windo						
760	A-RBW1-XHE-FH-5 A-RBW1-XHE-FH-5							
		Operator Failure to use HHSI in feed and spill in Windo						
761	A-RBW1-XHE-FL-10 A-RBW1-XHE-FL-10							
		Operator failure ot use LHSI in Feed and Spill in Windo						
762	A-RBW1-XHE-FL-5 A-RBW1-XHE-FL-5							
		Operator failure ot use LHSI in Feed and Spill in Windo						
763	A-RBW1-XHE-G-6 A-RBW1-XHE-G-6							
		Operator Failure to establish gravity feed in window 1						
764	A-RBW1-XHE-M-12 A-RBW1-XHE-M-12							
		Failure to Makeup Given Inventory Loss in Window 1						
765	A-RBW1-XHE-P-4 A-RBW1-XHE-P-4							
		Operator Failure to Establish Recirculation Spray in W1						
766	A-RBW1-XHE-R-4 A-RBW1-XHE-R-4							
		Failure to Restore RHR, given RHRB in Window 1						
767	A-RBW1-XHE-S1-9 A-RBW1-XHE-S1-9							
		Operator Failure to Bleed the SGs 1 given RHR2B						
768	A-RBW1-XHE-S2-8 A-RBW1-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
769	A-RBW1-XHE-SF-9 A-RBW1-XHE-SF-9	Operator Failure to Feed SGs in Window 1-RHR2B						
770	A-RBW2-XHE-C-4 A-RBW2-XHE-C-4	Operator Failure to Establish High P Recirc in Window 2						
771	A-RBW2-XHE-C-9 A-RBW2-XHE-C-9	Operator Failure to Establish High P Recirc in Window 2						
772	A-RBW2-XHE-FH-10 A-RBW2-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Window						
773	A-RBW2-XHE-FH-5 A-RBW2-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Window						
774	A-RBW2-XHE-FL-10 A-RBW2-XHE-FL-10	Operator failure to use LHSI in Feed and Spill in Window						
775	A-RBW2-XHE-FL-5 A-RBW2-XHE-FL-5	Operator failure ot use LHSI in Feed and Spill in Window						
776	A-RBW2-XHE-G-6 A-RBW2-XHE-G-6	Operator Failure to Establish Gravity Feed in Window 2						
777	A-RBW2-XHE-M-12 A-RBW2-XHE-M-12	Failure to Makeup Given Inventory Loss in Window 2						
778	A-RBW2-XHE-P-4 A-RBW2-XHE-P-4	Operator Failure to Establish Recirculation Spray in W2						
779	A-RBW2-XHE-R-4 A-RBW2-XHE-R-4	Failure to Restore RHR, given RHR2B in Window 2						
780	A-RBW2-XHE-S1-9 A-RBW2-XHE-S1-9	Operator Failure to Bleed the SGs in Window 2						
781	A-RBW2-XHE-S2-9 A-RBW2-XHE-S2-9	Operator failure to establish reflux after PRT rupture						
782	A-RBW2-XHE-SF-9 A-RBW2-XHE-SF-9	Operator Failure to Feed SGs in Window 2-2B						
783	A-RBW2-XHE-X A-RBW2-XHE-X	Operator Failure to Cross Connect RWST Given Successful						
784	A-RBW3-XHE-FH-4 A-RBW3-XHE-FH-4	Operator Failure to use HHSI in feed and spill in Window						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
785	A-RBW3-XHE-FH-8 A-RBW3-XHE-FH-8							
		Operator Failure to use HHSI in feed and spill in Windo						
786	A-RBW3-XHE-FL-4 A-RBW3-XHE-FL-4							
		Operator failure ot use LHSI in Feed and Spill in Windo						
787	A-RBW3-XHE-FL-8 A-RBW3-XHE-FL-8							
		Operator failure ot use LHSI in Feed and Spill in Windo						
788	A-RBW3-XHE-G-5 A-RBW3-XHE-G-5							
		Operator Failure to establish gravity feed in window 3						
789	A-RBW3-XHE-M-10 A-RBW3-XHE-M-10							
		Failure to Makeup Given Inventory Loss in Window 3						
790	A-RBW3-XHE-R-4 A-RBW3-XHE-R-4							
		Failure to Restore RHR, given RHR2B in Window 3						
791	A-RBW3-XHE-S1-8 A-RBW3-XHE-S1-8							
		Operator Failure to Bleed the SGs in Window 3						
792	A-RBW3-XHE-S2-8 A-RBW3-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						
793	A-RBW3-XHE-SF-8 A-RBW3-XHE-SF-8							
		Operator Failure to Feed SGs in Window 3-RHR2B						
794	A-RBW4-XHE-FH-5 A-RBW4-XHE-FH-5							
		Operator Failure to use HHSI in feed and spill in Windo						
795	A-RBW4-XHE-FH-8 A-RBW4-XHE-FH-8							
		Operator Failure to use HHSI in feed and spill in Windo						
796	A-RBW4-XHE-FL-5 A-RBW4-XHE-FL-5							
		Operator failure ot use LHSI in Feed and Spill in Windo						
797	A-RBW4-XHE-FL-8 A-RBW4-XHE-FL-8							
		Operator failure ot use LHSI in Feed and Spill in Windo						
798	A-RBW4-XHE-G-5 A-RBW4-XHE-G-5							
		Operator Failure to establish gravity feed in window 4						
799	A-RBW4-XHE-M-11 A-RBW4-XHE-M-11							
		Failure to Makeup Given Inventory Loss in Window 4						
800	A-RBW4-XHE-R-5 A-RBW4-XHE-R-5							
		Failure to Restore RHR, given RHR2B in Window 4						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
801	A-RBW4-XHE-S1-8 A-RBW4-XHE-S1-8							
		Operator Failure to Bleed the SGs in Window 3						
802	A-RBW4-XHE-S2-8 A-RBW4-XHE-S2-8							
		Operator failure to establish reflux after PRT rupture						
803	A-RBW4-XHE-SF-8 A-RBW4-XHE-SF-8							
		Operator Failure to Feed SGs in Window 3-RHR2B						
804	A-SIW1-XHE-C-13 A-SIW1-XHE-C-13							
1		Operator Failure to Establish High P Recirc in Window						
805	A-SIW1-XHE-C-18 A-SIW1-XHE-C-18							
1		Operator Failure to Establish High P Recirc in Window						
806	A-SIW1-XHE-C-4 A-SIW1-XHE-C-4							
1		Operator Failure to Establish High P Recirc in Window						
807	A-SIW1-XHE-C-9 A-SIW1-XHE-C-9							
1		Operator Failure to Establish High P Recirc in Window						
808	A-SIW1-XHE-FH-10 A-SIW1-XHE-FH-10							
		Operator Failure to use HHSI in feed and spill in Windo						
809	A-SIW1-XHE-FH-14 A-SIW1-XHE-FH-14							
		Operator Failure to use HHSI in feed and spill in Windo						
810	A-SIW1-XHE-FH-19 A-SIW1-XHE-FH-19							
		Operator Failure to use HHSI in feed and spill in Windo						
811	A-SIW1-XHE-FH-5 A-SIW1-XHE-FH-5							
		Operator Failure to use HHSI in feed and spill in Windo						
812	A-SIW1-XHE-FL-10 A-SIW1-XHE-FL-10							
		Operator failure ot use LHSI in Feed and Spill in Windo						
813	A-SIW1-XHE-FL-14 A-SIW1-XHE-FL-14							
		Operator failure ot use LHSI in Feed and Spill in Windo						
814	A-SIW1-XHE-FL-19 A-SIW1-XHE-FL-19							
		Operator failure ot use LHSI in Feed and Spill in Windo						
815	A-SIW1-XHE-FL-5 A-SIW1-XHE-FL-5							
		Operator failure ot use LHSI in Feed and Spill in Windo						
816	A-SIW1-XHE-G-15 A-SIW1-XHE-G-15							
		Operator Failure to establish gravity feed in window 1						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
817	A-SIW1-XHE-G-6 A-SIW1-XHE-G-6							Operator Failure to establish gravity feed in window 1
818	A-SIW1-XHE-P-13 A-SIW1-XHE-P-13							Operator Failure to Establish Recirculation Spray in W1
819	A-SIW1-XHE-P-18 A-SIW1-XHE-P-18							Operator Failure to Establish Recirculation Spray in W1
820	A-SIW1-XHE-P-4 A-SIW1-XHE-P-4							Operator Failure to Establish Recirculation Spray in W1
821	A-SIW1-XHE-P-9 A-SIW1-XHE-P-9							Operator Failure to Establish Recirculation Spray in W1
822	A-SIW1-XHE-R-12 A-SIW1-XHE-R-12							FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF
823	A-SIW1-XHE-R-3 A-SIW1-XHE-R-3							FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF
824	A-SIW1-XHE-S1-17 A-SIW1-XHE-S1-17							Operator Failure to Feed SGs in Window 1-R3
825	A-SIW1-XHE-S1-8 A-SIW1-XHE-S1-8							Operator Failure to Feed SGs in Window 1-R3
826	A-SIW1-XHE-S2-17 A-SIW1-XHE-S2-17							Operator Failure to Bleed the SGs 1 given R3
827	A-SIW1-XHE-S2-8 A-SIW1-XHE-S2-8							Operator Failure to Bleed the SGs 1 given R3
828	A-SIW1-XHE-S3-17 A-SIW1-XHE-S3-17							Operator failure to establish reflux after PRT rupture
829	A-SIW1-XHE-S3-8 A-SIW1-XHE-S3-8							Operator failure to establish reflux after PRT rupture
830	A-SIW2-XHE-C-13 A-SIW2-XHE-C-13							Operator Failure to Cross Connect RWST Given Successful
831	A-SIW2-XHE-C-18 A-SIW2-XHE-C-18							Operator Failure to Establish High P Recirc in Window
2								
832	A-SIW2-XHE-C-4 A-SIW2-XHE-C-4							Operator Failure to Cross Connect RWST Given Successful

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
833	A-SIW2-XHE-C-9 A-SIW2-XHE-C-9	Operator Failure to Establish High P Recirc in Window						
2								
834	A-SIW2-XHE-FH-10 A-SIW2-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
835	A-SIW2-XHE-FH-14 A-SIW2-XHE-FH-14	Operator Failure to use HHSI in feed and spill in Windo						
836	A-SIW2-XHE-FH-19 A-SIW2-XHE-FH-19	Operator Failure to use HHSI in feed and spill in Windo						
837	A-SIW2-XHE-FH-5 A-SIW2-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
838	A-SIW2-XHE-FL-10 A-SIW2-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						
839	A-SIW2-XHE-FL-14 A-SIW2-XHE-FL-14	Operator failure ot use LHSI in Feed and Spill in Windo						
840	A-SIW2-XHE-FL-19 A-SIW2-XHE-FL-19	Operator failure ot use LHSI in Feed and Spill in Windo						
841	A-SIW2-XHE-FL-5 A-SIW2-XHE-FL-5	Operator failure ot use LHSI in Feed and Spill in Windo						
842	A-SIW2-XHE-G-15 A-SIW2-XHE-G-15	Operator Failure to establish gravity feed in window 1						
843	A-SIW2-XHE-G-6 A-SIW2-XHE-G-6	Operator Failure to establish gravity feed in window 1						
844	A-SIW2-XHE-P-13 A-SIW2-XHE-P-13	Operator Failure to Establish Recirculation Spray in W1						
845	A-SIW2-XHE-P-18 A-SIW2-XHE-P-18	Operator Failure to Establish Recirculation Spray in W1						
846	A-SIW2-XHE-P-4 A-SIW2-XHE-P-4	Operator Failure to Establish Recirculation Spray in W1						
847	A-SIW2-XHE-P-9 A-SIW2-XHE-P-9	Operato: Failure to Establish Recirculation Spray in W1						
848	A-SIW2-XHE-R-12 A-SIW2-XHE-R-12	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
849	A-SIW2-XHE-R-3 A-SIW2-XHE-R-3	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
850	A-SIW2-XHE-S1-17 A-SIW2-XHE-S1-17	Operator Failure to Feed SGs in Window 1-R3						
851	A-SIW2-XHE-S1-8 A-SIW2-XHE-S1-8	Operator Failure to Feed SGs in Window 1-R3						
852	A-SIW2-XHE-S2-17 A-SIW2-XHE-S2-17	Operator Failure to Bleed the SGs 1 given R3						
853	A-SIW2-XHE-S2-8 A-SIW2-XHE-S2-8	Operator Failure to Bleed the SGs 1 given R3						
854	A-SIW2-XHE-S3-17 A-SIW2-XHE-S3-17	Operator failure to establish reflux after PRT rupture						
855	A-SIW2-XHE-S3-8 A-SIW2-XHE-S3-8	Operator failure to establish reflux after PRT rupture						
856	A-SIW2-XHE-X A-SIW2-XHE-X	Operator Failure to Cross Connect RWST Given Successful						
857	A-SIW3-XHE-FH-10 A-SIW3-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
858	A-SIW3-XHE-FH-13 A-SIW3-XHE-FH-13	Operator Failure to use HHSI in feed and spill in Windo						
859	A-SIW3-XHE-FH-4 A-SIW3-XHE-FH-4	Operator Failure to use HHSI in feed and spill in Windo						
860	A-SIW3-XHE-FH-7 A-SIW3-XHE-FH-7	Operator Failure to use HHSI in feed and spill in Windo						
861	A-SIW3-XHE-FL-10 A-SIW3-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						
862	A-SIW3-XHE-FL-13 A-SIW3-XHE-FL-13	Operator failure ot use LHSI in Feed and Spill in Windo						
863	A-SIW3-XHE-FL-4 A-SIW3-XHE-FL-4	Operator failure ot use LHSI in Feed and Spill in Windo						
864	A-SIW3-XHE-FL-7 A-SIW3-XHE-FL-7	Operator failure ot use LHSI in Feed and Spill in Windo						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
865	A-SIW3-XHE-G-11 A-SIW3-XHE-G-11	Operator Failure to establish gravity feed in window 1						
866	A-SIW3-XHE-G-5 A-SIW3-XHE-G-5	Operator Failure to establish gravity feed in window 1						
867	A-SIW3-XHE-R-3 A-SIW3-XHE-R-3	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
868	A-SIW3-XHE-R-9 A-SIW3-XHE-R-9	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
869	A-SIW3-XHE-S1-4 A-SIW3-XHE-S1-4	Operator Failure to Feed SGs in Window 1-R3						
870	A-SIW3-XHE-S1-8 A-SIW3-XHE-S1-8	Operator Failure to Feed SGs in Window 1-R3						
871	A-SIW3-XHE-S2-4 A-SIW3-XHE-S2-4	Operator Failure to Bleed the SGs 1 given R3						
872	A-SIW3-XHE-S2-8 A-SIW3-XHE-S2-8	Operator Failure to Bleed the SGs 1 given R3						
873	A-SIW3-XHE-S3-4 A-SIW3-XHE-S3-4	Operator failure to establish reflux after PRT rupture						
874	A-SIW3-XHE-S3-8 A-SIW3-XHE-S3-8	Operator failure to establish reflux after PRT rupture						
875	A-SIW4-XHE-FH-10 A-SIW4-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
876	A-SIW4-XHE-FH-13 A-SIW4-XHE-FH-13	Operator Failure to use HHSI in feed and spill in Windo						
877	A-SIW4-XHE-FH-4 A-SIW4-XHE-FH-4	Operator Failure to use HHSI in feed and spill in Windo						
878	A-SIW4-XHE-FH-7 A-SIW4-XHE-FH-7	Operator Failure to use HHSI in feed and spill in Windo						
879	A-SIW4-XHE-FL-10 A-SIW4-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						
880	A-SIW4-XHE-FL-13 A-SIW4-XHE-FL-13	Operator failure ot use LHSI in Feed and Spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
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881	A-SIW4-XHE-FL-4 A-SIW4-XHE-FL-4	Operator failure	ot use	LHSI	in Feed and Spill	in Windo		
882	A-SIW4-XHE-FL-7 A-SIW4-XHE-FL-7	Operator failure	ot use	LHSI	in Feed and Spill	in Windo		
883	A-SIW4-XHE-G-11 A-SIW4-XHE-G-11	Operator Failure	to establish	gravity feed	in window	1		
884	A-SIW4-XHE-G-5 A-SIW4-XHE-G-5	Operator Failure	to establish	gravity feed	in window	1		
885	A-SIW4-XHE-R-3 A-SIW4-XHE-R-3	FAILURE TO RESTORE RHR	GIVEN LOSS OF	4KV BUS H	IN P6 OF			
886	A-SIW4-XHE-R-9 A-SIW4-XHE-R-9	FAILURE TO RESTORE RHR	GIVEN LOSS OF	4KV BUS H	IN P6 OF			
887	A-SIW4-XHE-S1-4 A-SIW4-XHE-S1-4	Operator Failure	to Feed	SGs	in Window	1-R3		
888	A-SIW4-XHE-S1-8 A-SIW4-XHE-S1-8	Operator Failure	to Feed	SGs	in Window	1-R3		
889	A-SIW4-XHE-S2-4 A-SIW4-XHE-S2-4	Operator Failure	to Bleed	the SGs	1 given	R3		
890	A-SIW4-XHE-S2-8 A-SIW4-XHE-S2-8	Operator Failure	to Bleed	the SGs	1 given	R3		
891	A-SIW4-XHE-S3-4 A-SIW4-XHE-S3-4	Operator failure	to establish	reflux	after PRT rupture			
892	A-SIW4-XHE-S3-8 A-SIW4-XHE-S3-8	Operator failure	to establish	reflux	after PRT rupture			
893	A-SRW1-XHE-2CH-4 A-SRW1-XHE-2CH-4	Operator Failure	to X-Tie	CHG Flow	from U2 to U1			
894	A-SRW1-XHE-2CH-7 A-SRW1-XHE-2CH-7	Operator Failure	to X-Tie	CHG Flow	from U2 to U1			
895	A-SRW1-XHE-CW-4 A-SRW1-XHE-CW-4	Operator Fails	to Isolate	CW Valves	in ESGR Event	SR		
896	A-SRW1-XHE-CW-7 A-SRW1-XHE-CW-7	Operator Fails	to Isolate	CW Valves	in ESGR Event	SR		

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
897	A-SRW1-XHE-G-5 A-SRW1-XHE-G-5	Operator Failure to establish gravity feed						
898	A-SRW1-XHE-S1-7 A-SRW1-XHE-S1-7	Operator Failure to Bleed the SGs 1 given L1						
899	A-SRW1-XHE-S2-7 A-SRW1-XHE-S2-7	Operator failure to establish reflux after PRT rupture						
900	A-SRW1-XHE-SF-7 A-SRW1-XHE-SF-7	Operator Failure to Feed SGs in Window 1-L1						
901	A-SRW2-XHE-2CH-4 A-SRW2-XHE-2CH-4	Operator Failure to X-Tie CHG Flow from U2 to U1						
902	A-SRW2-XHE-2CH-7 A-SRW2-XHE-2CH-7	Operator Failure to X-Tie CHG Flow from U2 to U1						
903	A-SRW2-XHE-CW-4 A-SRW2-XHE-CW-4	Operator Fails to Isolate CW Valves in ESGR Event SR						
904	A-SRW2-XHE-CW-7 A-SRW2-XHE-CW-7	Operator Fails to Isolate CW Valves in ESGR Event SR						
905	A-SRW2-XHE-G-5 A-SRW2-XHE-G-5	Operator Failure to establish gravity feed						
906	A-SRW2-XHE-S1-7 A-SRW2-XHE-S1-7	Operator Failure to Bleed the SGs 1 given L1						
907	A-SRW2-XHE-S2-7 A-SRW2-XHE-S2-7	Operator failure to establish reflux after PRT rupture						
908	A-SRW2-XHE-SF-7 A-SRW2-XHE-SF-7	Operator Failure to Feed SGs in Window 2-L1						
909	A-SRW3-XHE-2CH-4 A-SRW3-XHE-2CH-4	Operator Failure to X-Tie CHG Flow from U2 to U1						
910	A-SRW3-XHE-2CH-7 A-SRW3-XHE-2CH-7	Operator Failure to X-Tie CHG Flow from U2 to U1						
911	A-SRW3-XHE-CW-4 A-SRW3-XHE-CW-4	Operator Fails to Isolate CW Valves in ESGR Event SR						
912	A-SRW3-XHE-CW-7 A-SRW3-XHE-CW-7	Operator Fails to Isolate CW Valves in ESGR Event SR						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
913	A-SRW3-XHE-G-5 A-SRW3-XHE-G-5	Operator Failure to establish gravity feed						
914	A-SRW3-XHE-S1-5 A-SRW3-XHE-S1-5	Operator Failure to Bleed the SGs 1 given L1						
915	A-SRW3-XHE-S2-5 A-SRW3-XHE-S2-5	Operator failure to establish reflux after PRT rupture						
916	A-SRW3-XHE-SF-5 A-SRW3-XHE-SF-5	Operator Failure to Feed SGs in Window 3-L1						
917	A-SRW4-XHE-2CH-5 A-SRW4-XHE-2CH-5	Operator Failure to X-Tie CHG Flow from U2 to U1						
918	A-SRW4-XHE-2CH-7 A-SRW4-XHE-2CH-7	Operator Failure to X-Tie CHG Flow from U2 to U1						
919	A-SRW4-XHE-CW-5 A-SRW4-XHE-CW-5	Operator Fails to Isolate CW Valves in ESGR Event SR						
920	A-SRW4-XHE-CW-7 A-SRW4-XHE-CW-7	Operator Fails to Isolate CW Valves in ESGR Event SR						
921	A-SRW4-XHE-G-5 A-SRW4-XHE-G-5	Operator Failure to establish gravity feed						
922	A-SRW4-XHE-S1-5 A-SRW4-XHE-S1-5	Operator Failure to Bleed the SGs 1 given L1						
923	A-SRW4-XHE-S2-5 A-SRW4-XHE-S2-5	Operator failure to establish reflux after PRT rupture						
924	A-SRW4-XHE-SF-5 A-SRW4-XHE-SF-5	Operator Failure to Feed SGs in Window 4-L1						
925 1	A-VBW1-XHE-C-13 A-VBW1-XHE-C-13	Operator Failure to Establish High P Recirc in Window						
926 1	A-VBW1-XHE-C-18 A-VBW1-XHE-C-18	Operator Failure to Establish High P Recirc in Window						
927 1	A-VBW1-XHE-C-4 A-VBW1-XHE-C-4	Operator Failure to Establish High P Recirc in Window						
928 1	A-VBW1-XHE-C-9 A-VBW1-XHE-C-9	Operator Failure to Establish High P Recirc in Window						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
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929	A-VBW1-XHE-FH-10 A-VBW1-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
930	A-VBW1-XHE-FH-14 A-VBW1-XHE-FH-14	Operator Failure to use HHSI in feed and spill in Windo						
931	A-VBW1-XHE-FH-19 A-VBW1-XHE-FH-19	Operator Failure to use HHSI in feed and spill in Windo						
932	A-VBW1-XHE-FH-5 A-VBW1-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
933	A-VBW1-XHE-FL-10 A-VBW1-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						
934	A-VBW1-XHE-FL-14 A-VBW1-XHE-FL-14	Operator failure ot use LHSI in Feed and Spill in Windo						
935	A-VBW1-XHE-FL-19 A-VBW1-XHE-FL-19	Operator failure ot use LHSI in Feed and Spill in Windo						
936	A-VBW1-XHE-FL-5 A-VBW1-XHE-FL-5	Operator failure ot use LHSI in Feed and Spill in Windo						
937	A-VBW1-XHE-G-15 A-VBW1-XHE-G-15	Operator Failure to establish gravity feed in window 1						
938	A-VBW1-XHE-G-6 A-VBW1-XHE-G-6	Operator Failure to establish gravity feed in window 1						
939	A-VBW1-XHE-P-13 A-VBW1-XHE-P-13	Operator Failure to Establish Recirculation Spray in W1						
940	A-VBW1-XHE-P-18 A-VBW1-XHE-P-18	Operator Failure to Establish Recirculation Spray in W1						
941	A-VBW1-XHE-P-4 A-VBW1-XHE-P-4	Operator Failure to Establish Recirculation Spray in W1						
942	A-VBW1-XHE-P-9 A-VBW1-XHE-P-9	Operator Failure to Establish Recirculation Spray in W1						
943	A-VBW1-XHE-R-12 A-VBW1-XHE-R-12	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
944	A-VBW1-XHE-R-3 A-VBW1-XHE-R-3	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
945	A-VBW1-XHE-S1-17 A-VBW1-XHE-S1-17	Operator Failure to Feed SGs in Window 1-R3						
946	A-VBW1-XHE-S1-8 A-VBW1-XHE-S1-8	Operator Failure to Feed SGs in Window 1-R3						
947	A-VBW1-XHE-S2-17 A-VBW1-XHE-S2-17	Operator Failure to Bleed the SGs 1 given R3						
948	A-VBW1-XHE-S2-8 A-VBW1-XHE-S2-8	Operator Failure to Bleed the SGs 1 given R3						
949	A-VBW1-XHE-S3-17 A-VBW1-XHE-S3-17	Operator failure to establish reflux after PRT rupture						
950	A-VBW1-XHE-S3-8 A-VBW1-XHE-S3-8	Operator failure to establish reflux after PRT rupture						
951	A-VBW2-XHE-C-13 A-VBW2-XHE-C-13	Operator Failure to Cross Connect RWST Given Successful						
952	A-VBW2-XHE-C-18 A-VBW2-XHE-C-18	Operator Failure to Establish High P Recirc in Window						
2								
953	A-VBW2-XHE-C-4 A-VBW2-XHE-C-4	Operator Failure to Cross Connect RWST Given Successful						
954	A-VBW2-XHE-C-9 A-VBW2-XHE-C-9	Operator Failure to Establish High P Recirc in Window						
2								
955	A-VBW2-XHE-FH-10 A-VBW2-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
956	A-VBW2-XHE-FH-14 A-VBW2-XHE-FH-14	Operator Failure to use HHSI in feed and spill in Windo						
957	A-VBW2-XHE-FH-19 A-VBW2-XHE-FH-19	Operator Failure to use HHSI in feed and spill in Windo						
958	A-VBW2-XHE-FH-5 A-VBW2-XHE-FH-5	Operator Failure to use HHSI in feed and spill in Windo						
959	A-VBW2-XHE-FL-10 A-VBW2-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						
960	A-VBW2-XHE-FL-14 A-VBW2-XHE-FL-14	Operator failure ot use LHSI in Feed and Spill in Windo						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
961	A-VBW2-XHE-FL-19 A-VBW2-XHE-FL-19	Operator failure ot use LHSI in Feed and Spill in Windo						
962	A-VBW2-XHE-FL-5 A-VBW2-XHE-FL-5	Operator failure ot use LHSI in Feed and Spill in Windo						
963	A-VBW2-XHE-G-15 A-VBW2-XHE-G-15	Operator Failure to establish gravity feed in window 1						
964	A-VBW2-XHE-G-6 A-VBW2-XHE-G-6	Operator Failure to establish gravity feed in window 1						
965	A-VBW2-XHE-P-13 A-VBW2-XHE-P-13	Operator Failure to Establish Recirculation Spray in W1						
966	A-VBW2-XHE-P-18 A-VBW2-XHE-P-18	Operator Failure to Establish Recirculation Spray in W1						
967	A-VBW2-XHE-P-4 A-VBW2-XHE-P-4	Operator Failure to Establish Recirculation Spray in W1						
968	A-VBW2-XHE-P-9 A-VBW2-XHE-P-9	Operator Failure to Establish Recirculation Spray in W1						
969	A-VBW2-XHE-R-12 A-VBW2-XHE-R-12	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
970	A-VBW2-XHE-R-3 A-VBW2-XHE-R-3	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
971	A-VBW2-XHE-S1-17 A-VBW2-XHE-S1-17	Operator Failure to Feed SGs in Window 1-R3						
972	A-VBW2-XHE-S1-8 A-VBW2-XHE-S1-8	Operator Failure to Feed SGs in Window 1-R3						
973	A-VBW2-XHE-S2-17 A-VBW2-XHE-S2-17	Operator Failure to Bleed the SGs 1 given R3						
974	A-VBW2-XHE-S2-8 A-VBW2-XHE-S2-8	Operator Failure to Bleed the SGs 1 given R3						
975	A-VBW2-XHE-S3-17 A-VBW2-XHE-S3-17	Operator failure to establish reflux after PRT rupture						
976	A-VBW2-XHE-S3-8 A-VBW2-XHE-S3-8	Operator failure to establish reflux after PRT rupture						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
977	A-VBW2-XHE-X A-VBW2-XHE-X	Operator Failure to Cross Connect RWST Given Successful						
978	A-VBW3-XHE-FH-10 A-VBW3-XHE-FH-10	Operator Failure to use HHSI in feed and spill in Windo						
979	A-VBW3-XHE-FH-13 A-VBW3-XHE-FH-13	Operator Failure to use HHSI in feed and spill in Windo						
980	A-VBW3-XHE-FH-4 A-VBW3-XHE-FH-4	Operator Failure to use HHSI in feed and spill in Windo						
981	A-VBW3-XHE-FH-7 A-VBW3-XHE-FH-7	Operator Failure to use HHSI in feed and spill in Windo						
982	A-VBW3-XHE-FL-10 A-VBW3-XHE-FL-10	Operator failure ot use LHSI in Feed and Spill in Windo						
983	A-VBW3-XHE-FL-13 A-VBW3-XHE-FL-13	Operator failure ot use LHSI in Feed and Spill in Windo						
984	A-VBW3-XHE-FL-4 A-VBW3-XHE-FL-4	Operator failure ot use LHSI in Feed and Spill in Windo						
985	A-VBW3-XHE-FL-7 A-VBW3-XHE-FL-7	Operator failure ot use LHSI in Feed and Spill in Windo						
986	A-VBW3-XHE-G-11 A-VBW3-XHE-G-11	Operator Failure to establish gravity feed in window 1						
987	A-VBW3-XHE-G-5 A-VBW3-XHE-G-5	Operator Failure to establish gravity feed in window 1						
988	A-VBW3-XHE-R-3 A-VBW3-XHE-R-3	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
989	A-VBW3-XHE-R-9 A-VBW3-XHE-R-9	FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
990	A-VBW3-XHE-S1-4 A-VBW3-XHE-S1-4	Operator Failure to Feed SGs in Window 1-R3						
991	A-VBW3-XHE-S1-8 A-VBW3-XHE-S1-8	Operator Failure to Feed SGs in Window 1-R3						
992	A-VBW3-XHE-S2-4 A-VBW3-XHE-S2-4	Operator Failure to Bleed the SGs 1 given R3						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
993	A-VBW3-XHE-S2-8 A-VBW3-XHE-S2-8							
		Operator Failure to Bleed the SGs 1 given R3						
994	A-VBW3-XHE-S3-4 A-VBW3-XHE-S3-4							
		Operator failure to establish reflux after PRT rupture						
995	A-VBW3-XHE-S3-8 A-VBW3-XHE-S3-8							
		Operator failure to establish reflux after PRT rupture						
996	A-VBW4-XHE-FH-10 A-VBW4-XHE-FH-10							
		Operator Failure to use HHSI in feed and spill in Windo						
997	A-VBW4-XHE-FH-13 A-VBW4-XHE-FH-13							
		Operator Failure to use HHSI in feed and spill in Windo						
998	A-VBW4-XHE-FH-4 A-VBW4-XHE-FH-4							
		Operator Failure to use HHSI in feed and spill in Windo						
999	A-VBW4-XHE-FH-7 A-VBW4-XHE-FH-7							
		Operator Failure to use HHSI in feed and spill in Windo						
1000	A-VBW4-XHE-FL-10 A-VBW4-XHE-FL-10							
		Operator failure ot use LHSI in Feed and Spill in Windo						
1001	A-VBW4-XHE-FL-13 A-VBW4-XHE-FL-13							
		Operator failure ot use LHSI in Feed and Spill in Windo						
1002	A-VBW4-XHE-FL-4 A-VBW4-XHE-FL-4							
		Operator failure ot use LHSI in Feed and Spill in Windo						
1003	A-VBW4-XHE-FL-7 A-VBW4-XHE-FL-7							
		Operator failure ot use LHSI in Feed and Spill in Windo						
1004	A-VBW4-XHE-G-11 A-VBW4-XHE-G-11							
		Operator Failure to establish gravity feed in window 1						
1005	A-VBW4-XHE-G-5 A-VBW4-XHE-G-5							
		Operator Failure to establish gravity feed in window 1						
1006	A-VBW4-XHE-R-3 A-VBW4-XHE-R-3							
		FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
1007	A-VBW4-XHE-R-9 A-VBW4-XHE-R-9							
		FAILURE TO RESTORE RHR GIVEN LOSS OF 4KV BUS H IN P6 OF						
1008	A-VBW4-XHE-S1-4 A-VBW4-XHE-S1-4							
		Operator Failure to Feed SGs in Window 1-R3						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1009	A-VBW4-XHE-S1-8 A-VBW4-XHE-S1-8	Operator Failure to Feed SGs in Window 1-R3						
1010	A-VBW4-XHE-S2-4 A-VBW4-XHE-S2-4	Operator Failure to Bleed the SGs 1 given R3						
1011	A-VBW4-XHE-S2-8 A-VBW4-XHE-S2-8	Operator Failure to Bleed the SGs 1 given R3						
1012	A-VBW4-XHE-S3-4 A-VBW4-XHE-S3-4	Operator failure to establish reflux after PRT rupture						
1013	A-VBW4-XHE-S3-8 A-VBW4-XHE-S3-8	Operator failure to establish reflux after PRT rupture						
1014	ACC-CKV-FT-CV107 ACC-CKV-FT-CV107	CV107 CHECK VALVE CV107			CKV	ACC		FT
1015	ACC-CKV-FT-CV109 ACC-CKV-FT-CV109	CV109 CHECK VALVE CV109			CKV	ACC		FT
1016	ACC-CKV-FT-CV128 ACC-CKV-FT-CV128	CV128 CHECK VALVE CV128			CKV	ACC		FT
1017	ACC-CKV-FT-CV130 ACC-CKV-FT-CV130	CV130 CHECK VALVE CV si 130			CKV	ACC		FT
1018	ACC-CKV-FT-CV145 ACC-CKV-FT-CV145	CV145 CHECK VALVE CV145			CKV	ACC		FT
1019	ACC-CKV-FT-CV147 ACC-CKV-FT-CV147	CV147 CHECK VALVE CV SI 147			CKV	ACC		FT
1020	ACC-MOV-PG-1865A ACC-MOV-PG-1865A	1865A ACC MOTOR OPERATED VALVE 1865A			MOV	ACC		PG
1021	ACC-MOV-PG-1865B ACC-MOV-PG-1865B	1865B ACC MOTOR OPERATED VALVE 1865B			MOV	ACC		PG
1022	ACC-MOV-PG-1865C ACC-MOV-PG-1865C	1865C ACC MOTOR OPERATED VALVE 1865C			MOV	ACC		PG
1023	ACP-BAC-MA-1A ACP-BAC-MA-1A	TEST AND MAINTENANCE ON 1A SS 4160V BUS - STATE 10						
1024	ACP-BAC-MA-1B ACP-BAC-MA-1B	TEST AND MAINTENANCE ON 1B SS BUS - STATE 10						

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1025	ACP-BAC-MA-1C ACP-BAC-MA-1C	TEST AND MAINTENANCE ON 1C SS BUS - STATE 10						
1026	ACP-BAC-MA-1G ACP-BAC-MA-1G	TEST AND MAINTENANCE ON 1G TRANSFORMER - STATE 10						
1027	ACP-BAC-MA-1H ACP-BAC-MA-1H	TEST AND MAINTENANCE ON 1H 4160V BUS						
1028	ACP-BAC-MA-1H1 ACP-BAC-MA-1H1	BUS BAR OF 480V AC BUS 1H1 MAINTENANCE						
1029	ACP-BAC-MA-1H1-1 ACP-BAC-MA-1H1-1	480V MCC 1H1-1 UNAVAILABLE DUE TO MAINTENANCE						
1030	ACP-BAC-MA-1H1-2 ACP-BAC-MA-1H1-2	480V AC MCC 1H1-2 UNAVAILABLE DUE TO MAINTENANCE						
1031	ACP-BAC-MA-1J ACP-BAC-MA-1J	TEST AND MAINTENANCE ON 4160/480 TRANSFORMER - STATE 10						
1032	ACP-BAC-MA-1J1 ACP-BAC-MA-1J1	BUS BAR OF 480V AC BUS 1J1 MAINTENANCE						
1033	ACP-BAC-MA-1J1-1 ACP-BAC-MA-1J1-1	480V MCC 1J1-1 UNAVAILABLE DUE TO MAINTENANCE						
1034	ACP-BAC-MA-1J1-2 ACP-BAC-MA-1J1-2	480V AC MCC 1J1-2 UNAVAILABLE DUE TO MAINTENANCE						
1035	ACP-BAC-MA-4801H ACP-BAC-MA-4801H	BUS BAR OF 480V 1H AC BUS MAINTENANCE						
1036	ACP-BAC-MA-4801J ACP-BAC-MA-4801J	BUS BAR OF 480V 1J AC BUS MAINTENANCE						
1037	ACP-BAC-MA-4KV1H ACP-BAC-MA-4KV1H	4160V AC BUS 1H MAINTENANCE						
1038	ACP-BAC-MA-4KV1J ACP-BAC-MA-4KV1J	4160V AC BUS 1J MAINTENANCE						
1039	ACP-BAC-MA-STB1H ACP-BAC-MA-STB1H	4160V AC STUB BUS 1H MAINTENANCE						
1040	ACP-BAC-MA-STB1J ACP-BAC-MA-STB1J	4160V AC STUB BUS 1J MAINTENANCE						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1041	ACP-BAC-MA-VB1II ACP-BAC-MA-VB1II	TEST AND MAINTENANCE ON VITAL BUS SUPPLY - STATE 6						
1042	ACP-BAC-MAOVB1II ACP-BAC-MAOVB1II	TEST AND MAINTENANCE ON VITAL BUS SUPPLY - STATE 10						
1043	ACP-BAC-ST-1H1 ACACPAC-ST-1H1	1H1 480V AC BUS 1H1			BAC BUSWORK FAILURE	ACP		ST
1044	ACP-BAC-ST-1H1-1 ACP-BAC-ST-1H1-1	1H11 480V AC MCC 1H1-1			BAC BUSWORK FAILURE	ACP		ST
1045	ACP-BAC-ST-1H1-2 ACP-BAC-ST-1H1-2	1H12 480V AC MUCC 1H1-2			BAC BUSWORK FAILURE	ACP		ST
1046	ACP-BAC-ST-1J1 ACACPAC-ST-1J1	1J1 480V AC BUS 1J1			BAC BUSWORK FAILURE	ACP		ST
1047	ACP-BAC-ST-1J1-1 ACP-BAC-ST-1J1-1	1J11 480V AC MCC 1J1-1			BAC BUSWORK FAILURE	ACP		ST
1048	ACP-BAC-ST-1J1-2 ACP-BAC-ST-1J1-2	1J12 480V AC MCC 1J1-2			BAC BUSWORK FAILURE	ACP		ST
1049	ACP-BAC-ST-2H1 ACACPAC-ST-2H1	2H1 480V AC BUS 2H1			BAC BUSWORK FAILURE	ACP		ST
1050	ACP-BAC-ST-2H1-1 ACP-BAC-ST-2H1-1	2H11 480V AC MCC 2H1-1			BAC BUSWORK FAILURE	ACP		ST
1051	ACP-BAC-ST-4801H ACP-BAC-ST-4801H	4801H 480V AC BUS 1H			BAC BUSWORK FAILURE	ACP		ST
1052	ACP-BAC-ST-4801J ACP-BAC-ST-4801J	4801J 480V AC BUS 1J			BAC BUSWORK FAILURE	ACP		ST
1053	ACP-BAC-ST-4KV1H ACP-BAC-ST-4KV1H	4KV1H 4160V AC BUS 1H			BAC BUSWORK FAILURE	ACP		ST
1054	ACP-BAC-ST-4KV1J ACP-BAC-ST-4KV1J	4KV1J 4160V AC BUS 1J			BAC BUSWORK FAILURE	ACP		ST
1055	ACP-BAC-ST-4KV2H ACP-BAC-ST-4KV2H	4KV2H 4160V AC BUS 2H			BAC BUSWORK FAILURE	ACP		ST
1056	ACP-BAC-ST-4KV2J ACP-BAC-ST-4KV2J	FAILURE OF 4KV BUS 2J						

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1057	ACP-BAC-ST-STB1H ACP-BAC-ST-STB1H	STB1H 4160V AC STUB BUS 1H			BAC BUSWORK FAILURE	ACP		ST
1058	ACP-BAC-ST-STB1J ACP-BAC-ST-STB1J	STB1J 4160V AC STUB BUS 1J			BAC BUSWORK FAILURE	ACP		ST
1059	ACP-BAC-ST-STB2H ACP-BAC-ST-STB2H	STB2H 4160V AC STUB BUS 2H			BAC BUSWORK FAILURE	ACP		ST
1060	ACP-BAC-ST-V1III ACP-BAC-ST-V1III	V1III VITAL BUS 1III			BAC BUSWORK FAILURE	ACP		ST
1061	ACP-BAC-ST-VB1I ACACPAC-ST-VB1I	VB1I VITAL BUS 1I			BAC BUSWORK FAILURE	ACP		ST
1062	ACP-BAC-ST-VB1II ACP-BAC-ST-VB1II	VB1II VITAL BUS 1II			BAC BUSWORK FAILURE	ACP		ST
1063	ACP-BAC-ST-VB1IV ACP-BAC-ST-VB1IV	VB1IV VITAL BUS 1IV			BAC BUSWORK FAILURE	ACP		ST
1064	ACP-BCH-MA-UPSA1 ACP-BCH-MA-UPSA1	UPSA1			BATTERY CHARGER MAINTENANCE			
1065	ACP-BCH-MA-UPSA2 ACP-BCH-MA-UPSA2	UPSA2			BATTERY CHARGER MAINTENANCE			
1066	ACP-BCH-MA-UPSB1 ACP-BCH-MA-UPSB1				TEST AND MAINTENANCE ON BATTERY CHARGER B1-STATE 6			
1067	ACP-BCH-MA-UPSB2 ACP-BCH-MA-UPSB2				TEST AND MAINTENANCE ON BATTERY CHARGER B2 - STATE 6			
1068	ACP-BCH-MAOUPSB1 ACP-BCH-MAOUPSB1				TEST AND MAINTENANCE ON BATTERY CHARGER B1 - STATE 10			
1069	ACP-BCH-MAOUPSB2 ACP-BCH-MAOUPSB2				TEST AND MAINTENANCE ON BATTERY CHARGER B2 - STATE 10			
1070	ACP-CRB-CO-14H1 ACACPRB-CO-14H1	14H1 AC CIRCUIT BREAKER 14H1			CRB TRANSFERS OPEN	ACP		CO
1071	ACP-CRB-CO-14H13 ACP-CRB-CO-14H13	14H13 AC CIRCUIT BREAKER 14H13			CRB TRANSFERS OPEN	ACP		CO
1072	ACP-CRB-CO-14H14 ACP-CRB-CO-14H14	14H14 AC CIRCUIT BREAKER 14H14			CRB TRANSFERS OPEN	ACP		CO

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1073	ACP-CRB-CO-14H15 ACP-CRB-CO-14H15	14H15 AC CIRCUIT BREAKER		14H15	CRB TRANSFERS	ACP OPEN		CO
1074	ACP-CRB-CO-14J1 ACP-CRB-CO-14J1	14J1 AC CIRCUIT BREAKER		14J1	CRB TRANSFERS	ACP OPEN		CO
1075	ACP-CRB-CO-14J11 ACP-CRB-CO-14J11	14J11 AC CIRCUIT BREAKER		14J11	CRB TRANSFERS	ACP OPEN		CO
1076	ACP-CRB-CO-14J14 ACP-CRB-CO-14J14	14J14 AC CIRCUIT BREAKER		14J14	CRB TRANSFERS	ACP OPEN		CO
1077	ACP-CRB-CO-14J16 ACP-CRB-CO-14J16	14J16 AC CIRCUIT BREAKER		14J16	CRB TRANSFERS	ACP OPEN		CO
1078	ACP-CRB-CO-15H7 ACP-CRB-CO-15H7	15H7 AC CIRCUIT BREAKER		15H7	CRB TRANSFERS	ACP OPEN		CO
1079	ACP-CRB-CO-15H8 ACP-CRB-CO-15H8	15H8 AC CIRCUIT BREAKER		15H8	CRB TRANSFERS	ACP OPEN		CO
1080	ACP-CRB-CO-15H9 ACP-CRB-CO-15H9	15H9 AC CIRCUIT BREAKER		15H9	CRB TRANSFERS	ACP OPEN		CO
1081	ACP-CRB-CO-15J7 ACP-CRB-CO-15J7	15J7 AC CIRCUIT BREAKER		15J7	CRB TRANSFERS	ACP OPEN		CO
1082	ACP-CRB-CO-15J8 ACP-CRB-CO-15J8	15J8 AC CIRCUIT BREAKER		15J8	CRB TRANSFERS	ACP OPEN		CO
1083	ACP-CRB-CO-15J9 ACP-CRB-CO-15J9	15J9 AC CIRCUIT BREAKER		15J9	CRB TRANSFERS	ACP		CO
1084	ACP-CRB-CO-1I35 ACP-CRB-CO-1I35	1I35 VITAL BUS 1I AC CKT BREAKER			CRB 35 TRANSFERS	ACP OPEN		CO
1085	ACP-CRB-CO-1II ACP-CRB-CO-1II	1II AC CIRCUIT BREAKER TO 1II			CRB TRANSFERS	ACP OPEN		CO
1086	ACP-CRB-CO-1IV ACP-CRB-CO-1IV	1IV AC CIRCUIT BREAKER TO 1IV			CRB TRANSFERS	ACP OPEN		CO
1087	ACP-CRB-CO-24H14 ACP-CRB-CO-24H14	24H14 AC CIRCUIT BREAKER		24H14	CRB TRANSFERS	ACP OPEN		CO
1088	ACP-CRB-CO-24H15 ACP-CRB-CO-24H15	24H15 AC CIRCUIT BREAKER		24H15	CRB TRANSFERS	ACP OPEN		CO

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1089	ACP-CRB-CO-25H7 ACP-CRB-CO-25H7	25H7 AC CIRCUIT BREAKER		25H7	CRB	ACP		CO
1090	ACP-CRB-CO-25H9 ACP-CRB-CO-25H9	25H9 AC CIRCUIT BREAKER		25H9	CRB	ACP		CO
1091	ACP-CRB-CO-FE9AE ACP-CRB-CO-FE9AE	FE9AE AC CIRCUIT BREAKER		FE9AE	CRB	ACP		CO
1092	ACP-CRB-CO-FE9AF ACP-CRB-CO-FE9AF	FE9AF AC CIRCUIT BREAKER		FE9AF	CRB	ACP		CO
1093	ACP-CRB-CO-FE9AJ ACP-CRB-CO-FE9AJ	FE9AJ AC CIRCUIT BREAKER		FE9AJ	CRB	ACP		CO
1094	ACP-CRB-CO-FE9AK ACP-CRB-CO-FE9AK	FE9AK AC CIRCUIT BREAKER		FE9AK	CRB	ACP		CO
1095	ACP-CRB-CO-FE9BE ACP-CRB-CO-FE9BE	FE9BE AC CIRCUIT BREAKER		FE9BE	CRB	ACP		CO
1096	ACP-CRB-CO-FE9BF ACP-CRB-CO-FE9BF	FE9BF AC CIRCUIT BREAKER		FE9BF	CRB	ACP		CO
1097	ACP-CRB-CO-FE9BJ ACP-CRB-CO-FE9BJ	FE9BJ AC CIRCUIT BREAKER		FE9BJ	CRB	ACP		CO
1098	ACP-CRB-CO-FE9BK ACP-CRB-CO-FE9BK	FE9BK AC CIRCUIT BREAKER		FE9BK	CRB	ACP		CO
1099	ACP-CRB-CO-III35 ACP-CRB-CO-III35	III35 VITAL BUS 1III AC CKT BRKR		35	CRB	ACP		CO
1100	ACP-INV-MA-UPSA1 ACP-INV-MA-UPSA1	UPSA1 INVERTER MAINTENANCE						
1101	ACP-INV-MA-UPSA2 ACP-INV-MA-UPSA2	UPSA2 INVERTER MAINTENANCE						
1102	ACP-INV-MA-UPSB1 ACP-INV-MA-UPSB1	UPSB1 INVERTER MAINTENANCE						
1103	ACP-INV-MA-UPSB2 ACP-INV-MA-UPSB2	UPSB2 INVERTER MAINTENANCE						
1104	ACP-INV-NO-UPSA1 ACP-INV-NO-UPSA1	UPSA1 UPS 1A1 INVERTER OUTPUT FAILS			INV	ACP		NO

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1105	ACP-INV-NO-UPSA2 ACP-INV-NO-UPSA2	UPSA2 UPS 1A2 INVERTER OUTPUT FAILS			INV	ACP		NO
1106	ACP-INV-NO-UPSB1 ACP-INV-NO-UPSB1	UPSB1 UPS 1B1 INVERTER OUTPUT FAILS			INV	ACP		NO
1107	ACP-INV-NO-UPSB2 ACP-INV-NO-UPSB2	UPSB2 UPS 1B2 INVERTER OUTPUT FAILS			INV	ACP		NO
1108	ACP-REC-NO-UPSA1 ACP-REC-NO-UPSA1	UPSA1 UPS 1A1 RECTIFIER OUTPUT FAILURE			REC	ACP		NO
1109	ACP-REC-NO-UPSA2 ACP-REC-NO-UPSA2	UPSA2 UPS 1A2 RECTIFIER OUTPUT FAILURE			REC	ACP		NO
1110	ACP-REC-NO-UPSB1 ACP-REC-NO-UPSB1	UPSB1 UPS 1B1 RECTIFIER OUTPUT FAILURE			REC	ACP		NO
1111	ACP-REC-NO-UPSB2 ACP-REC-NO-UPSB2	UPSB2 UPS 1B2 RECTIFIER OUTPUT FAILURE			REC	ACP		NO
1112	ACP-TFM-NO-1A1-1 ACP-TFM-NO-1A1-1	1A11 FAILURE OF UPS 1A1 TRANSFORMER PWR FM 1H1-1			TFM	ACP		NO
1113	ACP-TFM-NO-1A1-2 ACP-TFM-NO-1A1-2	1A12 FAILURE OF UPS 1A1 TRANSFORMER PWR FM1H1-2			TFM	ACP		NO
1114	ACP-TFM-NO-1A2-1 ACP-TFM-NO-1A2-1	1A21 FAILURE OF UPS 1A2 TRANSFORMER PWR FM 1H1-2			TFM	ACP		NO
1115	ACP-TFM-NO-1A2-2 ACP-TFM-NO-1A2-2	1A22 FAILURE OF UPS 1A2 TRANSFORMER PWR FM1H1-1			TFM	ACP		NO
1116	ACP-TFM-NO-1B1-1 ACP-TFM-NO-1B1-1	1B11 FAILURE OF UPS 1B1 TRANSFORMER PWR FM 1J1-1			TFM	ACP		NO
1117	ACP-TFM-NO-1B1-2 ACP-TFM-NO-1B1-2	1B12 FAILURE OF UPS 1B1 TRANSFORMER PWR FM 1J1-2			TFM	ACP		NO
1118	ACP-TFM-NO-1B2-1 ACP-TFM-NO-1B2-1	1B21 FAILURE OF UPS 1B2 TRANSFORMER PWR FM 1J1-2			TFM	ACP		NO
1119	ACP-TFM-NO-1B2-2 ACP-TFM-NO-1B2-2	1B22 FAILURE OF UPS XFMR PWR 1J1-1			TFM	ACP		NO
1120	ACP-TFM-NO-1H ACP-TFM-NO-1H	1H FAILURE OF POWER TRANSFORMER TO BUS 1H			TFM	ACP		NO

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1121	ACP-TFM-NO-1H1 ACP-TFM-NO-1H1	1H1 FAILURE OF POWER TRANSFORMER TO			TFM	ACP	BUS 1H1	NO
1122	ACP-TFM-NO-1J ACP-TFM-NO-1J	1J FAILURE OF POWER TRANSFORMER TO			TFM	ACP	BUS 1J	NO
1123	ACP-TFM-NO-1J1 ACP-TFM-NO-1J1	1J1 FAILURE OF POWER TRANSFORMER TO			TFM	ACP	BUS 1J1	NO
1124	ACP-TFM-NO-2H1 ACP-TFM-NO-2H1	2H1 FAILURE OF POWER TRANSFORMER TO			TFM	ACP	BUS 2H1	NO
1125	ACP-XHE-FO-STBBS ACP-XHE-FO-STBBS	STBBS OP FAILS TO RECONNECT STUB			XHE	ACP	BUS(LOSP INIT ONLY	FO
1126	AFW-ACT-FA-PMP3A AFW-ACT-FA-PMP3A	PMP3A NO ACTUATION SIGNAL TO AFW			ACT	AFW	PUMP 3A	FA
1127	AFW-ACT-FA-PMP3B AFW-ACT-FA-PMP3B	PMP3B NO ACTUATION SIGNAL TO AFW			ACT	AFW	PUMP 3B	FA
1128	AFW-ACT-FA-VLVA AFW-ACT-FA-VLVA	VLVA NO ACTUATION SIGNAL TO AOV-MS102A			ACT	AFW		FA
1129	AFW-ACT-FA-VLVB AFW-ACT-FA-VLVB	VLVB NO ACTUATION SIGNAL TO AOV-MS102B			ACT	AFW		FA
1130	AFW-AOV-FT-102A AFW-AOV-FT-102A	102A AIR OPERATED VALVE MS102A			AOV	AFW	FAILS TO OPEN	FT
1131	AFW-AOV-FT-102B AFW-AOV-FT-102B	102B AIR OPERATED VALVE MS102B			AOV	AFW	FAILS TO OPEN	FT
1132	AFW-AOV-FT-202A AFW-AOV-FT-202A	202A AIR OPERATED VALVE MS202A			AOV	AFW	FAILS TO OPEN	FT
1133	AFW-AOV-FT-202B AFW-AOV-FT-202B	202B AIR OPERATED VALVE MS202B			AOV	AFW	FAILS TO OPEN	FT
1134	AFW-AOV-PG-102A AFW-AOV-PG-102A	102A AIR OPERATED VALVE MS102A			AOV	AFW	PLUGGED	PG
1135	AFW-AOV-PG-102B AFW-AOV-PG-102B	102B AIR OPERATED VALVE MS102B			AOV	AFW	PLUGGED	PG
1136	AFW-AOV-PG-202A AFW-AOV-PG-202A	202A AIR OPERATED VALVE MS202A			AOV	AFW	PLUGGED	PG

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1137	AFW-AOV-PG-202B AFW-AOV-PG-202B	202B AIR OPERATED VALVE		MS202B	AOV PLUGGED	AFW		PG
1138	AFW-CCF-FS-FW3AB AFW-CCF-FS-FW3AB	FW3AB COMMON CAUSE FAILURE OF			CCF AFW MOTOR	AFW	DRIVEN PUMP	FS
1139	AFW-CCF-FT-102AB AFW-CCF-FT-102AB	102AB COMMON CAUSE FAILURE OF			CCF MS102A AND B	AFW	TO OPEN	FT
1140	AFW-CCF-FT-202AB AFW-CCF-FT-202AB	202AB COMMON CAUSE FAILURE OF			CCF MS202A AND B	AFW	TO OPEN	FT
1141	AFW-CCF-LK-2STMB AFW-CCF-LK-2STMB	2STMB UNDETECT LEAKAGE THRU U2			CCF CV STM BIND	AFW		LK
1142	AFW-CCF-LK-STMBD AFW-CCF-LK-STMBD	STMBD UNDETECT LKAGE THRU CHK			CCF VLV CV27	AFW CV58	OR CV89	LK
1143	AFW-CKV-CC-27588 AFW-CKV-CC-27588	CCF 3/3 CHECK VALVE AFW-27 58 89						
1144	AFW-CKV-CC-3638 AFW-CKV-CC-3638	CCF 2/2 CHECK VLVS AFW-131 133						
1145	AFW-CKV-CC-42577 AFW-CKV-CC-42577	CCF 3/3 CHECK VALVES AFW-142 157 172						
1146	AFW-CKV-FT-CV131 AFW-CKV-FT-CV131	CV131 CHECK VALVE CV131 FAILS TO			CKV OPEN	AFW		FT
1147	AFW-CKV-FT-CV133 AFW-CKV-FT-CV133	CV133 CHECK VALVE CV133 FAILS TO			CKV OPEN	AFW		FT
1148	AFW-CKV-FT-CV136 AFW-CKV-FT-CV136	CV136 CHECK VALVE CV136 FAILS TO			CKV OPEN	AFW		FT
1149	AFW-CKV-FT-CV138 AFW-CKV-FT-CV138	CV138 CHECK VALVE CV138 FAILS TO			CKV OPEN	AFW		FT
1150	AFW-CKV-FT-CV142 AFW-CKV-FT-CV142	CV142 CHECK VALVE CV142 FAILS TO			CKV OPEN	AFW		FT
1151	AFW-CKV-FT-CV157 AFW-CKV-FT-CV157	CV157 CHECK VALVE CV157 FAILS TO			CKV OPEN	AFW		FT
1152	AFW-CKV-FT-CV172 AFW-CKV-FT-CV172	CV172 CHECK VALVE CV172 FAILS TO			CKV OPEN	AFW		FT

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1153	AFW-CKV-FT-CV176 AFW-CKV-FT-CV176	CV176 CHECK VALVE	CV176	FAILS TO	CKV OPEN	AFW		FT
1154	AFW-CKV-FT-CV178 AFW-CKV-FT-CV178	CV178 CHECK VALVE	CV178	FAILS TO	CKV OPEN	AFW		FT
1155	AFW-CKV-FT-CV182 AFW-CKV-FT-CV182	CV182 CHECK VALVE	CV182	FAILS TO	CKV OPEN	AFW		FT
1156	AFW-CKV-FT-CV232 AFW-CKV-FT-CV232	CV232 CHECK VALVE	CV232	FAILS TO	CKV OPEN	AFW		FT
1157	AFW-CKV-FT-CV233 AFW-CKV-FT-CV233	CV233 CHECK VALVE	CV233	FAILS TO	CKV OPEN	AFW		FT
1158	AFW-CKV-FT-CV236 AFW-CKV-FT-CV236	CV236 CHECK VALVE	CV236	FAILS TO	CKV OPEN	AFW		FT
1159	AFW-CKV-FT-CV238 AFW-CKV-FT-CV238	CV238 CHECK VALVE	CV238	FAILS TO	CKV OPEN	AFW		FT
1160	AFW-CKV-FT-CV242 AFW-CKV-FT-CV242	CV242 CHECK VALVE	CV242	FAILS TO	CKV OPEN	AFW		FT
1161	AFW-CKV-FT-CV27 AFW-CKV-FT-CV27	CV27 CHECK VALVE	CV27	FAILS TO	CKV OPEN	AFW		FT
1162	AFW-CKV-FT-CV58 AFW-CKV-FT-CV58	CV58 CHECK VALVE	CV58	FAILS TO	CKV OPEN	AFW		FT
1163	AFW-CKV-FT-CV89 AFW-CKV-FT-CV89	CV89 CHECK VALVE	CV89	FAILS TO	CKV OPEN	AFW		FT
1164	AFW-CKV-00-CV142 AFW-CKV-00-CV142	CV142 BACKFLOW THROUGH	CV142		CKV	AFW		00
1165	AFW-CKV-00-CV157 AFW-CKV-00-CV157	CV157 BACKFLOW THROUGH	CV157		CKV	AFW		00
1166	AFW-CKV-00-CV172 AFW-CKV-00-CV172	CV172 BACKFLOW THROUGH	CV172		CKV	AFW		00
1167	AFW-CKV-00-CV257 AFW-CKV-00-CV257	BACKFLOW THROUGH	CV257					
1168	AFW-CKV-00-CV272 AFW-CKV-00-CV272	CV272 BACKFLOW THROUGH	CV272		CKV	AFW		00

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1169	AFW-MDP-FR-3A1HR AFW-MDP-FR-3A1HR	3A1HR MDP AFW 3A FAILS TO RUN 1 HOUR			MDP	AFW		FR
1170	AFW-MDP-FR-3A6HR AFW-MDP-FR-3A6HR	3A6HR MDP AFW 3A FAILS TO RUN 6 HOURS			MDP	AFW		FR
1171	AFW-MDP-FR-3B1HR AFW-MDP-FR-3B1HR	3B1HR MDP AFW 3B FAILS TO RUN 1 HOUR			MDP	AFW		FR
1172	AFW-MDP-FR-3B6HR AFW-MDP-FR-3B6HR	3B6HR MDP AFW 3B FAILS TO RUN 6 HOURS			MDP	AFW		FR
1173	AFW-MDP-FS AFW-MDP-FS	AFW MDP FAILS TO START			MDP	AFW		FS
1174	AFW-MDP-FS-FW3A AFW-MDP-FS-FW3A	FW3A MDP AFW 3A FAILS TO START			MDP	AFW		FS
1175	AFW-MDP-FS-FW3B AFW-MDP-FS-FW3B	FW3B MDP AFW 3B FAILS TO START			MDP	AFW		FS
1176	AFW-MDP-MA-FW3A AFW-MDP-MA-FW3A	TEST AND MAINTENANCE ON AFW MDP 3A						
1177	AFW-MDP-MA-FW3B AFW-MDP-MA-FW3B	TEST AND MAINTENANCE ON AFW MDP 3B - STATE 6						
1178	AFW-MDP-MA0FW3A AFW-MDP-MA0FW3A	TEST AND MAINTENANCE ON AFW MDP 3A						
1179	AFW-MDP-MA0FW3B AFW-MDP-MA0FW3B	TEST AND MAINTENANCE ON AFW MDP 3B - STATE 10						
1180	AFW-MOV-CC-151 AFW-MOV-CC-151	CCF 2/2 MOV 151A B						
1181	AFW-MOV-FT-151A AFW-MOV-FT-151A	MOV FW151A FAILS TO OPEN						
1182	AFW-MOV-FT-151B AFW-MOV-FT-151B	MOV FW151B FAILS TO OPEN						
1183	AFW-MOV-FT-151C AFW-MOV-FT-151C	MOV FW151C FAILS TO OPEN						
1184	AFW-MOV-FT-151D AFW-MOV-FT-151D	MOV FW151D FAILS TO OPEN						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1185	AFW-MOV-FT-151E AFW-MOV-FT-151E	MOV FW151E FAILS TO OPEN						
1186	AFW-MOV-FT-151F AFW-MOV-FT-151F	MOV FW151F FAILS TO OPEN						
1187	AFW-MOV-FT-160A AFW-MOV-FT-160A	MOV FW160A FAILS TO OPEN						
1188	AFW-MOV-FT-160B AFW-MOV-FT-160B	MOV FW160B FAILS TO OPEN						
1189	AFW-MOV-MA-151A AFW-MOV-MA-151A	TEST AND MAINTENANCE ON AFW TRAIN A MOVS - STATE 6						
1190	AFW-MOV-MA-151B AFW-MOV-MA-151B	AFW FW-151B IN MAINTENANCE						
1191	AFW-MOV-MA-151C AFW-MOV-MA-151C	AFW FW-151C IN MAINTENANCE						
1192	AFW-MOV-MA-151D AFW-MOV-MA-151D	AFW FW-151D IN MAINTENANCE						
1193	AFW-MOV-MA-151E AFW-MOV-MA-151E	AFW FW-151E IN MAINTENANCE						
1194	AFW-MOV-MA-151F AFW-MOV-MA-151F	AFW FW-151F IN MAINTENANCE						
1195	AFW-MOV-MA-160A AFW-MOV-MA-160A	AFW FW-160A IN MAINTENANCE						
1196	AFW-MOV-MA-160B AFW-MOV-MA-160B	AFW FW-160B IN MAINTENANCE						
1197	AFW-MOV-MA-260A AFW-MOV-MA-260A	TEST AND MAINTENANCE ON MOV 260A - STATE 10						
1198	AFW-MOV-MA0151A AFW-MOV-MA0151A	TEST AND MAINTENANCE ON AFW TRAIN A MOVS - STATE 10						
1199	AFW-MOV-PG-151A AFW-MOV-PG-151A	151A MOV FW151A PLUGGED			MOV	AFW		PG
1200	AFW-MOV-PG-151B AFW-MOV-PG-151B	151B MOTOR OPERATED VALV FW151B PLUGGED			MOV	AFW		PG

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1201	AFW-MOV-PG-151C AFW-MOV-PG-151C	151C MOTOR OPERATED VALVE FW151C			MOV	AFW		PG
1202	AFW-MOV-PG-151D AFW-MOV-PG-151D	151D MOTOR OPERATED VALVE FW151D			MOV	AFW		PG
1203	AFW-MOV-PG-151E AFW-MOV-PG-151E	151E MOV FW151E			MOV	AFW		PG
1204	AFW-MOV-PG-151F AFW-MOV-PG-151F	151F MOV FW151F			MOV	AFW		PG
1205	AFW-MS-PG-196 AFW-MS-PG-196	N.O. MANUAL VLV PLUGGED MS-196						
1206	AFW-MS-PG-296 AFW-MS-PG-296	N.O. MANUAL VLV PLUGGED MS-296						
1207	AFW-PSF-FC-XCONN AFW-PSF-FC-XCONN	XCONN FLOW DIVERSION TO UNIT 2 THRU PIPE SEG PS94			PSF	AFW		FC
1208	AFW-TDP-FR-2P1HR AFW-TDP-FR-2P1HR	2P1HR AFW TURBINE DRIVEN PUMP 2 FAILS TO RUN 1 HOUR			TDP	AFW		FR
1209	AFW-TDP-FR-2P24H AFW-TDP-FR-2P24H	2P24H AFW TURBINE DRIVEN PUMP 2 FAILS TO RUN 24 HRS			TDP	AFW		FR
1210	AFW-TDP-FR-2P6HR AFW-TDP-FR-2P6HR	2P6HR AFW TURBINE DRIVEN PUMP 2 FAILS TO RUN FOR 6 HOURS			TDP	AFW		FR
1211	AFW-TDP-FR-6HRU2 AFW-TDP-FR-6HRU2	6HRU2 UNIT 2 AFW TDP FAILS TO RUN FOR 6 HRS			TDP	AFW		FR
1212	AFW-TDP-FS-FW2 AFW-TDP-FS-FW2	FW2 TURBINE DRIVEN AFW PUMP FAILS TO START			TDP	AFW		FS
1213	AFW-TDP-FS-U2FW2 AFW-TDP-FS-U2FW2	U2FW2 AFW TDP FW2 AT UNIT 2 FAILS TO START			TDP	AFW		FS
1214	AFW-TDP-MA-FW2 AFW-TDP-MA-FW2	TEST AND MAINTENANCE ON AFW TDP 2 - STATE 6						
1215	AFW-TDP-MA-U2FW2 AFW-TDP-MA-U2FW2	U2FW2 TEST AND MAINTENANCE ON AFW UNIT 2 TDP 2			TDP	AFW		MA
1216	AFW-TDP-MA0FW2 AFW-TDP-MA0FW2	TEST AND MAINTENANCE ON AFW TDP 2 - STATE 10						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1217	AFW-TNK-VF-CST AFW-TNK-VF-CST	CST INSUF WATER AVAILABLE FROM			TNK	AFW	110 000 GALLON CST	VF
1218	AFW-TNK-VF-U2CST AFW-TNK-VF-U2CST	U2CST INSUF WATER AVAIL AFW UNIT2			TNK	AFW	CST	VF
1219	AFW-XHE-FO-ACT AFW-XHE-FO-ACT	F OPERATOR FAILS TO INITIATE AND ALIGN MD AFW PUMPS AND						
1220	AFW-XHE-FO-CST2 AFW-XHE-FO-CST2	CST2 OPERATOR FAIL TO CONNECT			XHE	AFW	TNK-2	FO
1221	AFW-XHE-FO-U1SB0 AFW-XHE-FO-U1SB0	U1SB0 OPERATOR FAILS TO CROSS CONNECT			XHE	AFW	TO UNIT 2 AFW SYSTEM	FO
1222	AFW-XHE-FO-U2SB0 AFW-XHE-FO-U2SB0	U2SB0 OP FAILS TO XCONN AFW SB0 AT U1/U2			XHE	AFW		FO
1223	AFW-XHE-FO-UNIT2 AFW-XHE-FO-UNIT2	UNIT2 OP FAILS TO XCONN AFW			XHE	AFW	TRANSIENTS	FO
1224	AFW-XVM-PG-XV120 AFW-XVM-PG-XV120	XV120 MANUAL VALVE XV120 PLUGGED			XVM	AFW		PG
1225	AFW-XVM-PG-XV153 AFW-XVM-PG-XV153	XV153 MANUAL VALVE XV153 PLUGGED			XVM	AFW		PG
1226	AFW-XVM-PG-XV158 AFW-XVM-PG-XV158	XV158 MANUAL VALVE XV158 PLUGGED			XVM	AFW		PG
1227	AFW-XVM-PG-XV168 AFW-XVM-PG-XV168	XV168 MANUAL VALVE XV168 PLUGGED			XVM	AFW		PG
1228	AFW-XVM-PG-XV183 AFW-XVM-PG-XV183	XV183 MANUAL VALVE XV183 PLUGGED			XVM	AFW		PG
1229	AFW-XVM-PG-XV253 AFW-XVM-PG-XV253	XV253 MANUAL VALVE XV253 PLUGGED			XVM	AFW		PG
1230	AFW-XVM-PG-XV87 AFW-XVM-PG-XV87	XV87 MANUAL VALVE XV87 PLUGGED			XVM	AFW		PG
1231	BAT-HTR-FC-TRACE BAT-HTR-FC-TRACE	HEAT TRACING FAILS AND IS NOT DETECTED						
1232	BAT-HTR-VF-STANK BAT-HTR-VF-STANK	BORIC ACID STORAGE TANK HEATER FAILS AND NOT DETECTED						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1233	BCW BCW	LOSS OF BEARING COOLING WATER						
1234	BETA-2DG BETA-2DG	BETA FOR CC FAILURE OF 2 DGs			DGN			
1235	BETA-2MOV BETA-2MOV	BETA FOR CC FAILURE OF 2 MOVs			MOV			
1236	BETA-3DG BETA-3DG	BETA FOR CC FAILURE OF 3 DGs			DGN			
1237	BETA-AFW BETA-AFW	BETA FOR CC FAILURE OF AFW MDPs				AFW		
1238	BETA-HPI BETA-HPI	BETA FOR CC FAILURE OF HPI MDPs				HPI		
1239	BETA-LPI BETA-LPI	BETA FOR CC FAILURE OF LPI MDPs				LPI		
1240	BETA-SRV BETA-SRV	BETA FOR CC FAILURE OF SRVs			SRV			
1241	BETA-STR BETA-STR	BETA FOR CC FAILURE OF STRAINERS			STR			
1242	CCW-AOV-FT-109A CCW-AOV-FT-109A	CC-TV-109A FAILS CLOSED						
1243	CCW-AOV-FT-109B CCW-AOV-FT-109B	CC-TV-109B FAILS CLOSED						
1244	CCW-AOV-MA-109A CCW-AOV-MA-109A	CC-TV-109A UNSCHEDULED MAINTENANCE						
1245	CCW-AOV-OC-109A CCW-AOV-OC-109A	CC-TV-109A TRANSFERS CLOSED						
1246	CCW-AOV-OC-109B CCW-AOV-OC-109B	CC-TV-109B TRANSFERS CLOSED						
1247	CCW-AOV-OC-140A CCW-AOV-OC-140A	TRIP VLV 140A TF CLOSED						
1248	CCW-AOV-OC-140B CCW-AOV-OC-140B	CC-TV-140B TRANSFERS CLOSED						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1249	CCW-AOV-PG-109A CCW-AOV-PG-109A	CC-TV-109A	PLUGS	DURING	OPERATION			
1250	CCW-AOV-PG-109B CCW-AOV-PG-109B	CC-TV-109B	PLUGS	DURING	OPERATION			
1251	CCW-AOV-PG-140A CCW-AOV-PG-140A	TRIP VLV 140A	PLUGGED					
1252	CCW-AOV-PG-140B CCW-AOV-PG-140B	CC-TV-140B	PLUGGED					
1253	CCW-AOV-SC-120A CCW-AOV-SC-120A	AOV TRIP VALVE CC-TV-120A	SP.	CLOSES				
1254	CCW-AOV-SC-120B CCW-AOV-SC-120B	AOV TRIP VALVE CC-TV-120B	SP.	CLOSES				
1255	CCW-AOV-SC-120C CCW-AOV-SC-120C	AOV TRIP VALVE CC-TV-120C	SP.	CLOSES				
1256	CCW-AOV-XHE-109 CCW-AOV-XHE-109	Operator Failure to Open 109 Valves Using a Portable Bo						
1257	CCW-CCF-FS-MDPAB CCW-CCF-FS-MDPAB	CC FAIL TO START						
1258	CCW-CCF-FT-8185 CCW-CCF-FT-8185	CCF OF VALVES CC181 AND CC185.	FAIL TO OPEN					
1259	CCW-CKV-FT-CC176 CCW-CKV-FT-CC176	CHECK VALVE CC176	FAILS TO OPEN					
1260	CCW-CKV-FT-CC177 CCW-CKV-FT-CC177	CHECK VALVE CC177	FAILS TO OPEN					
1261	CCW-CKV-FT-CC557 CCW-CKV-FT-CC557	CKV 557	FTO					
1262	CCW-CKV-FT-CC563 CCW-CKV-FT-CC563	CHECK VALVE CC563	FAILS TO OPEN					
1263	CCW-CKV-FT-CV557 CCW-CKV-FT-CV557	CV557	CKV	CCW				FT
1264	CCW-CKV-00-563U2 CCW-CKV-00-563U2	563U2	CKV	CCW				00
		CHECK VALVE CV563U2	FL3 TO SHUT CAUSE BACKFLOW					

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1265	CCW-CKV-00-CV557 CCW-CKV-00-CV557	CV557 CHECK VALVE CV557			CKV	CCW	FAILS TO SHUT, CAUSE BACKFLOW	00
1266	CCW-HE-OP14.1 CCW-HE-OP14.1	OP-14.1 RHR STEP 5.2 OPEN				CC-TV-109B		
1267	CCW-HTX-LK-E1A CCW-HTX-LK-E1A	E1A CCW HEAT EXCHANGER E1A			HTX	CCW	LEAKS	LK
1268	CCW-HTX-LK-E1B CCW-HTX-LK-E1B	CCW HEAT EXCHANGER E1B					LEAKS	
1269	CCW-HTX-LK-U2E1A CCW-HTX-LK-U2E1A	U2E1A CCW UNIT 2 HEAT EXCHANGER E1A			HTX	CCW	LEAKS	LK
1270	CCW-HTX-MA-E1B CCW-HTX-MA-E1B	TEST AND MAINTENANCE HT EXCHGR E1B					- STATE 6	
1271	CCW-HTX-MA-U2E1A CCW-HTX-MA-U2E1A	TEST AND MAINTENANCE ON CCW UNIT 2 HT EXCHGR E1B					- STAT	
1272	CCW-HTX-MAOE1B CCW-HTX-MAOE1B	TEST AND MAINTENANCE HT EXCHGR E1B					- STATE 10	
1273	CCW-HTX-MAOU2E1A CCW-HTX-MAOU2E1A	TEST AND MAINTENANCE ON CCW UNIT 2 HT EXCHGR E1B					- STAT	
1274	CCW-HTX-PG-E1A CCW-HTX-PG-E1A	E1A CCW HEAT EXCHANGER E1A			HTX	CCW	PLUGGED	PG
1275	CCW-HTX-PG-E1B CCW-HTX-PG-E1B	E1B CCW HEAT EXCHANGER E1B			HTX	CCW	PLUGGED	PG
1276	CCW-HTX-PG-U2E1A CCW-HTX-PG-U2E1A	U2E1A CCW UNIT 2 HEAT EXCHANGER E1B			HTX	CCW	PLUGGED	PG
1277	CCW-LF-PS101A CCW-LF-PS101A	PRESSURE CHANNEL CC-PS-101A					LOSS OF FUNCTION	
1278	CCW-LF-RHE2A CCW-LF-RHE2A	RHR PUMP SEAL COOLER RH-E-2A					LOSS OF FUNCTION	
1279	CCW-LF-RHE2B CCW-LF-RHE2B	RHR PUMP SEAL COOLER RH-E-2B					LOSS OF FUNCTION	
1280	CCW-LF-STK1 CCW-LF-STK1	SURGE TANK 1-CC-TK1					LOSS OF FUNCTION	

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1281	CCW-MDP-FR-CCP1A CCW-MDP-FR-CCP1A	CCP1A 1-CC-P-1A FAILS TO RUN			MDP	CCW		FR
1282	CCW-MDP-FR-CCP1B CCW-MDP-FR-CCP1B	CCP1B MDP CC-P1B FAILS TO RUN			MDP	CCW		FR
1283	CCW-MDP-FR-CCP2A CCW-MDP-FR-CCP2A	CCP2A MDP CC-P2A FAILS TO RUN FOR 6 HRS			MDP	CCW		FR
1284	CCW-MDP-FS-CCP1A CCW-MDP-FS-CCP1A	CCW PUMP A FAILS TO START						
1285	CCW-MDP-FS-CCP1B CCW-MDP-FS-CCP1B	CCP1B MDP CC-P1B FAILS TO START ON DEMAND			MDP	CCW		FS
1286	CCW-MDP-FS-CCP2A CCW-MDP-FS-CCP2A	CCP2A MDP CC-P2A FAILS TO START ON DEMAND			MDP	CCW		FS
1287	CCW-MDP-MA-CCP1B CCW-MDP-MA-CCP1B	CCP1B TEST AND MAINTENANCE ON MDP CC-P1B			MDP	CCW		MA
1288	CCW-MDP-MA-CCP2A CCW-MDP-MA-CCP2A	CCP2A TEST AND MAINTENANCE ON MDP CC-P2A			MDP	CCW		MA
1289	CCW-SO-RV116A CCW-SO-RV116A	RELIEF VALVE RV 116A SP. OPEN						
1290	CCW-SO-RV116B CCW-SO-RV116B	RELIEF VALVE RV 116B SP. OPEN						
1291	CCW-SO-RV116C CCW-SO-RV116C	RELIEF VALVE RV 116C SP. OPEN						
1292	CCW-SO-RV118 CCW-SO-RV118	RELIEF VALVE CC-RV-118 SP. OPEN						
1293	CCW-SO-RV119A CCW-SO-RV119A	RELIEF VALVE RV 119A SP. OPEN						
1294	CCW-SO-RV119B CCW-SO-RV119B	RELIEF VALVE RV 119B SP. OPEN						
1295	CCW-SO-RV121 CCW-SO-RV121	RELIEF VALVE CC-RV-121 SP. OPEN						
1296	CCW-SO-RV150 CCW-SO-RV150	RELIEF VALVE RV 150 SP. OPEN						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1297	CCW-XHE-10P14.1 CCW-XHE-10P14.1	OP-14.1	RHR	STEP 5.2	OPEN	CC-TV-109B		
1298	CCW-XHE-10P51.1 CCW-XHE-10P51.1	1-OP-51.1	COMP.	COOLING	SUBSYSTEM			
1299	CCW-XHE-FO-SP1B CCW-XHE-FO-SP1B	OP.	FAILS TO RESTORE	PUMP SWITCH	AFTER TEST & MAINTENAN			
1300	CCW-XMV-PG-CC100 CCW-XMV-PG-CC100	BUTTERFLY VALVE	CC100	PLUGS	(DURING OPERATION)			
1301	CCW-XMV-PG-CC104 CCW-XMV-PG-CC104	BUTTERFLY VALVE	CC104	PLUGS	DURING OPERATION			
1302	CCW-XMV-PG-CC112 CCW-XMV-PG-CC112	GLOBE VALVE	CC112	PLUGGED				
1303	CCW-XMV-PG-CC116 CCW-XMV-PG-CC116	GATE VALVE	CC116	PLUGGED				
1304	CCW-XMV-PG-CC118 CCW-XMV-PG-CC118	GLOBE VALVE	CC118	PLUGGED				
1305	CCW-XMV-PG-CC122 CCW-XMV-PG-CC122	GATE VALVE	CC122	PLUGGED				
1306	CCW-XMV-PG-CC178 CCW-XMV-PG-CC178	BUTTERFLY VALVE	CC178	PLUGS	DURING OPERATION			
1307	CCW-XMV-PG-CC181 CCW-XMV-PG-CC181	BUTTERFLY VALVE	CC181	PLUGS	DURING OPERATION			
1308	CCW-XMV-PG-CC182 CCW-XMV-PG-CC182	BUTTERFLY VALVE	CC182	PLUGS	DURING OPERATION			
1309	CCW-XMV-PG-CC185 CCW-XMV-PG-CC185	BUTTERFLY VALVE	CC185	PLUGS	DURING OPERATION			
1310	CCW-XMV-PG-CC214 CCW-XMV-PG-CC214	BUTTERFLY VALVE	CC-214	PLUGS	DURING OPERATION			
1311	CCW-XMV-PG-CC220 CCW-XMV-PG-CC220	BUTTERFLY VALVE	CC220	PLUGS	(DURING OPERATION)			
1312	CCW-XVM-FT-CC181 CCW-XVM-FT-CC181	BUTTERFLY VALVE	CC181	FAILS TO OPEN				

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1313	CCW-XVM-FT-CC185 CCW-XVM-FT-CC185	BUTTERFLY VALVE	CC185	FAILS	TO OPEN			
1314	CCW-XVM-PG-580U2 CCW-XVM-PG-580U2	580U2 MANUAL VALVE	XV580 (U2)	PLUGGED	XVM	CCW		PG
1315	CCW-XVM-PG-583U2 CCW-XVM-PG-583U2	583U2 MANUAL VALVE	XV583 (U2)	PLUGGED	XVM	CCW		PG
1316	CCW-XVM-PG-CC104 CCW-XVM-PG-CC104	BUTTERFLY VALVE	CC104	PLUGGED DURING			STANDBY	
1317	CCW-XVM-PG-CC178 CCW-XVM-PG-CC178	BUTTERFLY VALVE	CC178	PLUGGED DURING			STANDBY	
1318	CCW-XVM-PG-CC182 CCW-XVM-PG-CC182	BUTTERFLY VALVE	CC182	PLUGGED DURING			SRANDBY	
1319	CCW-XVM-PG-CC214 CCW-XVM-PG-CC214	BUTTERFLY VALVE	CC-214	PLUGGED DURING			STANDBY	
1320	CCW-XVM-PG-CC560 CCW-XVM-PG-CC560	BUTTERFLY VALVE	CC560	PLUGGED				
1321	CCW-XVM-PG-CC564 CCW-XVM-PG-CC564	BUTTERFLY VALVE	CC564	PLUGGED				
1322	CCW-XVM-PG-XV580 CCW-XVM-PG-XV580	XV580 MANUAL VALVE	XV580	PLUGGED	XVM	CCW		PG
1323	CCW-XVM-PG-XV583 CCW-XVM-PG-XV583	XV583 MANUAL VALVE	XV583	PLUGGED	XVM	CCW		PG
1324	CCW-XVM-PG-XV584 CCW-XVM-PG-XV584	XV584 MANUAL VALVE	XV584	PLUGGED	XVM	CCW		PG
1325	CCW-XVM-PG-XV587 CCW-XVM-PG-XV587	XV587 MANUAL VALVE	XV587	PLUGGED	XVM	CCW		PG
1326	CIA-AOV-FT-IA103 CIA-AOV-FT-IA103	CONTAINMENT	IA SUCTION VALVE	FROM SGUARD BDG			FAILS TO	
1327	CIA-AOV-PG-101A CIA-AOV-PG-101A	CIA SUCTION VALVE	AOV-IA-101A	PLUGGED				
1328	CIA-AOV-PG-101B CIA-AOV-PG-101B	CIA SUCTION VALVE	101B	PLUGGED				

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1329	CIA-AOV-PG-TV100 CIA-AOV-PG-TV100	CIA-AOV-PG-TV100						
1330	CIA-AOV-PG-TV125 CIA-AOV-PG-TV125	CONTAINMENT INSTRUMENT AIR TV-IA-100 PLUGGED						
1331	CIA-CCF-FR-IAC4 CIA-CCF-FR-IAC4	COMMON MODE FAILURE OF CIA COMPRESSORS TO RUN						
1332	CIA-CPS-FR-IAC4A CIA-CPS-FR-IAC4A	CONTAINMENT INSTRUMENT AIR COMPRESSOR 1-IA-C-4A FAILS						
T								
1333	CIA-CPS-FR-IAC4B CIA-CPS-FR-IAC4B	CONTAINMENT INSTRUMENT AIR COMPRESSOR 1-IA-C-4B FAILS						
T								
1334	CIA-CPS-FS-IAC4B CIA-CPS-FS-IAC4B	CONTAINMENT INSTRUMENT AIR COMPRESSOR 1-IA-C-4B FAILSTO						
1335	CIASUC CIASUC	INTERMEDIATE GATE				DE		
1336	CIR-COND-UNAVLBL CIR-COND-UNAVLBL	condenser unavailable						
1337	CKV-CCF-FT-CLDLG CKV-CCF-FT-CLDLG	CCF OF CV79 CV82 AND CV85						
1338	CKV-CCF-FT-HTLG1 CKV-CCF-FT-HTLG1	CCF OF CV88 CV91 AND CV94						
1339	CKV-CCF-FT-HTLG2 CKV-CCF-FT-HTLG2	CCF OF CV238 CV239 AND CV240						
1340	CLS-ACT-FA-CLS2A CLS-ACT-FA-CLS2A	CLS2A NO SIGNAL FROM CLCS TRAIN A			ACT	CLS		FA
1341	CLS-ACT-FA-CLS2B CLS-ACT-FA-CLS2B	CLS2B NO SIGNAL FROM CLCS TRAIN B			ACT	CLS		FA
1342	CLS-ACT-OP-CLS2 CLS-ACT-OP-CLS2	NO OPER ACT'N						
1343	CLS-H CLS-H	HIGH CLS SIGNAL EXISTS						
1344	CLS-HH CLS-HH	HIGH HIGH CLS SIGNAL EXISTS				DE		

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1345	CON-VFC-RP-COREM CON-VFC-RP-COREM	COREM loss of HPSH due to open containment			VFC	CON		RP
1346	CONT/AFW-SGN CONT/AFW-SGN	ACTUATION TRIP SIGNAL		PRESENT				
1347	CPC-AOV-FT-108B CPC-AOV-FT-108B	108B AOV TV-CC-108B FAILS TO OPEN			AOV	CPC		FT
1348	CPC-AOV-FT-108C CPC-AOV-FT-108C	108C AOV TV-CC-108C FAILS TO OPEN			AOV	CPC		FT
1349	CPC-CCF-FT-8BC CPC-CCF-FT-8BC	8BC COMMON MODE FAILURE OF CPC TCV8B/C TO OPEN			CCF	CPC		FT
1350	CPC-CCF-LF-STR1 CPC-CCF-LF-STR1	CCF OF STRAINERS 1A & 1B						
1351	CPC-CCF-LF-STRAB CPC-CCF-LF-STRAB	STRAB COMMON MODE LOSS OF FLW STRAINERS 2A AND 2B			CCF	CPC		LF
1352	CPC-CKV-FT-CV108 CPC-CKV-FT-CV108	CV108 CHECK VALVE CV108 FAILS TO OPEN			CKV	CPC		FT
1353	CPC-CKV-FT-CV262 CPC-CKV-FT-CV262	CV262 CHECK VALVE CV262 FAILS TO OPEN			CKV	CPC		FT
1354	CPC-CKV-FT-CV752 CPC-CKV-FT-CV752	CV752 CHECK VALVE CV752 FAILS TO OPEN			CKV	CPC		FT
1355	CPC-CKV-00-CV113 CPC-CKV-00-CV113	CV113 CHECK VALVE CV113 FAILS TO SHUT CAUSE BACKFLOW			CKV	CPC		00
1356	CPC-CKV-00-CV764 CPC-CKV-00-CV764	CV764 CHECK VALVE CV764 FAILS TO SHUT CAUSE BACKFLOW			CKV	CPC		00
1357	CPC-ICC-FA-CCPBS CPC-ICC-FA-CCPBS	CCPBS NO ACTUATION SIGNAL TO START CPC PUMP 2B			ICC	CPC		FA
1358	CPC-ICC-FA-SWPBS CPC-ICC-FA-SWPBS	SWPBS NO ACTUATION SIGNAL TO START SW PUMP 10B			ICC	CPC		FA
1359	CPC-ICC-FA-TCV8B CPC-ICC-FA-TCV8B	TCV8B NO ACTUATION SIGNAL TO LUBE OIL COOLING TCV8B			ICC	CPC		FA
1360	CPC-ICC-FA-TCV8C CPC-ICC-FA-TCV8C	TCV8C NO ACTUATION SIGNAL TO LUBE OIL COOLING TCV8			ICC	CPC		FA

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1361	CPC-MDP-FR-2CC2A CPC-MDP-FR-2CC2A	2CC2A MDP CC2A U2 FAILS TO RUN FOR 6 HOURS			MDP	CPC		FR
1362	CPC-MDP-FR-CC2A CPC-MDP-FR-CC2A	CC2A MDP CC2A FAILS TO RUN AS LONG AS CHRGNG PUMPS			MDP	CPC		FR
1363	CPC-MDP-FR-CC2B CPC-MDP-FR-CC2B	CC2B MDP CC2B FAILS TO RUN FOR 24 HOURS			MDP	CPC		FR
1364	CPC-MDP-FR-CCA24 CPC-MDP-FR-CCA24	CCA24 MDP CCA FAILS TO RUN FOR 24 HOURS -			MDP	CPC		FR
1365	CPC-MDP-FR-SW10A CPC-MDP-FR-SW10A	SW10A MDP SW10A FAILS TO RUN AS LONG AS CHARGING PUMPS			MDP	CPC		FR
1366	CPC-MDP-FR-SW10B CPC-MDP-FR-SW10B	SW10B MDP SW10B FAILS TO RUN FOR 24 HRS			MDP	CPC		FR
1367	CPC-MDP-FR-SW20A CPC-MDP-FR-SW20A	SW20A MDP SW20A FAILS TO RUN FOR 6 HRS			MDP	CPC		FR
1368	CPC-MDP-FR-SWA24 CPC-MDP-FR-SWA24	SWA24 MDP SWA FAILS TO RUN FOR 24 HRS			MDP	CPC		FR
1369	CPC-MDP-FR-SWA3H CPC-MDP-FR-SWA3H	SWA3H MDP SWA FAILS TO RUN FOR 3 HRS			MDP	CPC		FR
1370	CPC-MDP-FR-SWB24 CPC-MDP-FR-SWB24	SWB24 MDP SWB FAILS TO RUN FOR 24 HRS			MDP	CPC		FR
1371	CPC-MDP-FS-2CC2A CPC-MDP-FS-2CC2A	2CC2A MDP UNIT 2 CC2A FAILS TO START			MDP	CPC		FS
1372	CPC-MDP-FS-CC2B CPC-MDP-FS-CC2B	CC2B MDP CC2B FAILS TO START			MDP	CPC		FS
1373	CPC-MDP-FS-SW10B CPC-MDP-FS-SW10B	SW10B MDP SW10B FAILS TO START			MDP	CPC		FS
1374	CPC-MDP-FS-SW20A CPC-MDP-FS-SW20A	SW20A MDP SW20A FAILS TO START			MDP	CPC		FS
1375	CPC-MDP-MA-CC2B CPC-MDP-MA-CC2B	TEST AND MAINTENANCE ON MDP CC2B						
1376	CPC-MDP-MA-SW10A CPC-MDP-MA-SW10A	TEST AND MAINTENANCE ON MDP SW10A - STATE 6						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1377	CPC-MDP-MA-SW10B CPC-MDP-MA-SW10B	TEST AND MAINTENANCE ON MDP SW10B - STATE 6						
1378	CPC-MDP-MAOCC2B CPC-MDP-MAOCC2B	TEST AND MAINTENANCE ON MDP CC2B						
1379	CPC-MDP-MAOSW10B CPC-MDP-MAOSW10B	TEST AND MAINTENANCE ON MDP SW10B - STATE 10						
1380	CPC-STR-PG-1AU26 CPC-STR-PG-1AU26	1AU26 CPC STRAINER 1A UNIT 2 PLUGGED W/IN 6 HR			STR	CPC		PG
1381	CPC-STR-PG-1HR CPC-STR-PG-1HR	1HR CPC STRAINER PLUGGED W/IN 1 HR			STR	CPC		PG
1382	CPC-STR-PG-24HR CPC-STR-PG-24HR	24HR CPC STRAINER PLUGGED W/IN 24 HR			STR	CPC		PG
1383	CPC-STR-PG-2A3HR CPC-STR-PG-2A3HR	2A3HR CPC STRAINER 2A PLUGGED W/IN 3 HR			STR	CPC		PG
1384	CPC-STR-PG-2AU26 CPC-STR-PG-2AU26	2AU26 CPC STRAINER 2A UNIT 2 PLUGGED W/IN 6 HR			STR	CPC		PG
1385	CPC-STR-PG-3HR CPC-STR-PG-3HR	3HR CPC STRAINER PLUGGED W/IN 3 HR			STR	CPC		PG
1386	CPC-STR-PG-6HR CPC-STR-PG-6HR	6HR CPC STRAINER PLUGGED W/IN 6 HR			STR	CPC		PG
1387	CPC-STR-PG-STR1A CPC-STR-PG-STR1A	STR1A STRAINER 1A PLUGGED			STR	CPC		PG
1388	CPC-STR-PG-STR1B CPC-STR-PG-STR1B	STR1B STRAINER 1B PLUGGED			STR	CPC		PG
1389	CPC-STR-PG-STR2A CPC-STR-PG-STR2A	STR2A STRAINER 2A PLUGGED W/IN 6 HRS			STR	CPC		PG
1390	CPC-STR-PG-STR2B CPC-STR-PG-STR2B	STR2B STRAINER 2B PLUGGED W/IN 6 HRS			STR	CPC		PG
1391	CPC-XHE-F0-REALN CPC-XHE-F0-REALN	REALN OP FAILS TO ALIGN CPC SW TO UNIT 2			XHE	CPC		F0
1392	CPC-XVM-PG-2SW11 CPC-XVM-PG-2SW11	MANUAL VALVE 2-SW-11 PLUGGED						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1393	CPC-XVM-PG-SW474 CPC-XVM-PG-SW474	MANUAL VALVE 2-SW-474		PLUGGED				
1394	CPC-XVM-PG-XV109 CPC-XVM-PG-XV109	XV109 MANUAL VALVE XV109		PLUGGED	XVM	CPC		PG
1395	CPC-XVM-PG-XV117 CPC-XVM-PG-XV117	XV117 MANUAL VALVE XV117		PLUGGED	XVM	CPC		PG
1396	CPC-XVM-PG-XV118 CPC-XVM-PG-XV118	XV118 MANUAL VALVE XV118		PLUGGED	XVM	CPC		PG
1397	CPC-XVM-PG-XV119 CPC-XVM-PG-XV119	XV119 MANUAL VALVE XV119		PLUGGED	XVM	CPC		PG
1398	CPC-XVM-PG-XV120 CPC-XVM-PG-XV120	XV120 MANUAL VALVE XV120		PLUGGED	XVM	CPC		PG
1399	CPC-XVM-PG-XV122 CPC-XVM-PG-XV122	XV122 MANUAL VALVE XV122		PLUGGED	XVM	CPC		PG
1400	CPC-XVM-PG-XV123 CPC-XVM-PG-XV123	XV123 MANUAL VALVE XV123		PLUGGED	XVM	CPC		PG
1401	CPC-XVM-PG-XV124 CPC-XVM-PG-XV124	XV124 MANUAL VALVE XV124		PLUGGED	XVM	CPC		PG
1402	CPC-XVM-PG-XV125 CPC-XVM-PG-XV125	XV125 MANUAL VALVE XV125		PLUGGED	XVM	CPC		PG
1403	CPC-XVM-PG-XV126 CPC-XVM-PG-XV126	XV126 MANUAL VALVE XV126		PLUGGED	XVM	CPC		PG
1404	CPC-XVM-PG-XV170 CPC-XVM-PG-XV170	XV170 MANUAL VALVE XV170		PLUGGED	XVM	CPC		PG
1405	CPC-XVM-PG-XV171 CPC-XVM-PG-XV171	XV171 MANUAL VALVE XV171		PLUGGED	XVM	CPC		PG
1406	CPC-XVM-PG-XV172 CPC-XVM-PG-XV172	XV172 MANUAL VALVE XV172		PLUGGED	XVM	CPC		PG
1407	CPC-XVM-PG-XV173 CPC-XVM-PG-XV173	XV173 MANUAL VALVE XV173		PLUGGED	XVM	CPC		PG
1408	CPC-XVM-PG-XV261 CPC-XVM-PG-XV261	XV261 MANUAL VALVE XV261		PLUGGED	XVM	CPC		PG

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1409	CPC-XVM-PG-XV305 CPC-XVM-PG-XV305	XV305 MANUAL VALVE	XV305	PLUGGED	XVM	CPC		PG
1410	CPC-XVM-PG-XV306 CPC-XVM-PG-XV306	XV306 MANUAL VALVE	XV306	PLUGGED	XVM	CPC		PG
1411	CPC-XVM-PG-XV701 CPC-XVM-PG-XV701	XV701 MANUAL VALVE	XV701	PLUGGED	XVM	CPC		PG
1412	CPC-XVM-PG-XV781 CPC-XVM-PG-XV781	XV781 MANUAL VALVE	XV781	PLUGGED	XVM	CPC		PG
1413	CSS-CCF-FS-CS1AB CSS-CCF-FS-CS1AB	CS1AB COMMON CAUSE FAILURE OF CSS			CCF	CSS	MDPS TO START	FS
1414	CSS-CCF-FT-101AB CSS-CCF-FT-101AB	101AB COMMON CAUSE FAILURE OF CSS			CCF	CSS	MOVS 101A AND 101	FT
1415	CSS-CCF-FT-101CD CSS-CCF-FT-101CD	101CD COMMON CAUSE FAILURE OF CSS			CCF	CSS	MOVS 101C AND 101	FT
1416	CSS-CKV-FT-CV13 CSS-CKV-FT-CV13	CV13 CHECK VALVE CV13 FAILS TO OPEN ON			CKV	CSS	DEMAND	FT
1417	CSS-CKV-FT-CV24 CSS-CKV-FT-CV24	CV24 CHECK VALVE CV24 FAILS TO OPEN ON			CKV	CSS	DEMAND	FT
1418	CSS-FLT-PG-CS1A CSS-FLT-PG-CS1A	CS1A FILTER FLCS1A		PLUGGED	FLT	CSS		PG
1419	CSS-FLT-PG-CS1B CSS-FLT-PG-CS1B	CS1B FILTER FLCS1B		PLUGGED	FLT	CSS		PG
1420	CSS-MDP-FR-1A1HR CSS-MDP-FR-1A1HR	1A1HR CSS MDP 1A FAILS TO RUN FOR 1 HOUR			MDP	CSS		FR
1421	CSS-MDP-FR-1B1HR CSS-MDP-FR-1B1HR	1B1HR CSS MDP 1B FAILS TO RUN FOR 1 HOUR			MDP	CSS		FR
1422	CSS-MDP-FS-CS1A CSS-MDP-FS-CS1A	CS1A CSS MDP 1A FAILS TO START ON DEMAND			MDP	CSS		FS
1423	CSS-MDP-FS-CS1B CSS-MDP-FS-CS1B	CS1B CSS MDP 1B FAILS TO START ON DEMAND			MDP	CSS		FS
1424	CSS-MDP-MA-CS1A CSS-MDP-MA-CS1A	CS1A TEST AND MAINTENANCE ON CSS MDP 1A			MDP	CSS		MA

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1425	CSS-MDP-MA-CS1B CSS-MDP-MA-CS1B	TEST AND MAINTENANCE ON CSS MDP 1B						
1426	CSS-MDP-MA0CS1B CSS-MDP-MA0CS1B	TEST AND MAINTENANCE ON CSS MDP 1B						
1427	CSS-MDP-OP-AB CSS-MDP-OP-AB	NO OPER ACT'N CSS SYSTEM POS 3-13						
1428	CSS-MOV-FT-101A CSS-MOV-FT-101A	101A			MOV	CSS		FT
		MOTOR OPER VALVE 101A FAILS TO OPEN ON DEMAND						
1429	CSS-MOV-FT-101B CSS-MOV-FT-101B	101B			MOV	CSS		FT
		MOTOR OPER VALVE 101B FAILS TO OPEN ON DEMAND						
1430	CSS-MOV-FT-101C CSS-MOV-FT-101C	101C			MOV	CSS		FT
		MOTOR OPER VALVE 101C FAILS TO OPEN ON DEMAND						
1431	CSS-MOV-FT-101D CSS-MOV-FT-101D	101D			MOV	CSS		FT
		MOTOR OPER VALVE 101D FAILS TO OPEN ON DEMAND						
1432	CSS-MOV-PG-100A CSS-MOV-PG-100A	100A			MOV	CSS		PG
		MOTOR OPERATED VALVE 100A PLUGGED						
1433	CSS-MOV-PG-100B CSS-MOV-PG-100B	100B			MOV	CSS		PG
		MOTOR OPERATED VALVE 100B PLUGGED						
1434	CSS-TRA-MA CSS-TRA-MA	UN AVAIL OF TRAIN A (MAINT)						
1435	CSS-XVM-RE-XV15 CSS-XVM-RE-XV15	XV15			XVM	CSS		RE
		MANUAL VLV XV15 LEFT OPEN FOLLOWING PUMP TEST						
1436	CSS-XVM-RE-XV8 CSS-XVM-RE-XV8	XV8			XVM	CSS		RE
		MANUAL VLV XV8 LEFT OPEN FOLLOWING PUMP TEST						
1437	CVC-MDP-FR-2A1HR CVC-MDP-FR-2A1HR	2A1HR			MDP	CVC		FR
		BORIC ACID TRANSFER PUMP FAIL TO RUN 1 HOUR						
1438	D-4KD6-XHE D-4KD6-XHE	FAILURE TO DIAGNOSE LOSS OF 4KV BUS H IN P6 OF DR MT						
1439	D-4KW1-XHE D-4KW1-XHE	Failure to Diagnose Loss of RHR Event in POS 6						
1440	D-4KW2-XHE D-4KW2-XHE	Failure to Diagnose Loss of RHR Event in POS 6						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1441	D-4KW3-XHE D-4KW3-XHE							
		Failure to Diagnose	Loss of RHR	Event in	POS 6			
1442	D-4KW4-XHE D-4KW4-XHE							
		Failure to Diagnose	Loss of RHR	Event in	POS 6			
1443	D-ARW1-XHE D-ARW1-XHE							
		Failure to Diagnose	Loss of AIR	Event in	Window 1			
1444	D-ARW2-XHE D-ARW2-XHE							
		Failure to Diagnose	Loss of RHR	Event in	Window 2			
1445	D-ARW3-XHE D-ARW3-XHE							
		Failure to Diagnose	Loss of AIR	Event in	Window 3			
1446	D-ARW4-XHE D-ARW4-XHE							
		Failure to Diagnose	Loss of Instrument Air	in	Window 4			
1447	D-B1D6-XHE D-B1D6-XHE							
M		Failure to Diagnose	SBO Event B1 in	POS 6 of	Drained			
1448	D-B1R10-XHE D-B1R10-XHE							
		Failure to Diagnose	SBO Event B1 in	POS 10 of	Refuel			
1449	D-B1R6-XHE D-B1R6-XHE							
		Failure to Diagnose	SBO Event B1 in	POS 6 of	Refuel			
1450	D-B1W1-XHE D-B1W1-XHE							
		Failure to Diagnose	Loss of RHR	Event in	POS 6			
1451	D-B1W2-XHE D-B1W2-XHE							
		Failure to Diagnose	Loss of RHR	Event in	POS 6			
1452	D-B1W3-XHE D-B1W3-XHE							
		Failure to Diagnose	Loss of RHR	Event in	POS 6			
1453	D-B1W4-XHE D-B1W4-XHE							
		Failure to Diagnose	Loss of RHR	Event in	POS 6			
1454	D-B2W1-XHE D-B2W1-XHE							
		Failure to Diagnose	Loss of RHR	Event in	POS 6			
1455	D-B2W2-XHE D-B2W2-XHE							
		Failure to Diagnose	Loss of RHR	Event in	POS 6			
1456	D-B2W3-XHE D-B2W3-XHE							
		Failure to Diagnose	Loss of RHR	Event in	POS 6			

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1457	D-B2W4-XHE D-B2W4-XHE							
		Failure to Diagnose	Loss of RHR	Event in POS	6			
1458	D-CCW1-XHE D-CCW1-XHE							
		Failure to Diagnose	Loss of RHR	Event in POS	6			
1459	D-CCW2-XHE D-CCW2-XHE							
		Failure to Diagnose	Loss of RHR	Event in POS	6			
1460	D-CCW3-XHE D-CCW3-XHE							
		Failure to Diagnose	Loss of RHR	Event in POS	6			
1461	D-CCW4-XHE D-CCW4-XHE							
		Failure to Diagnose	Loss of RHR	Event in POS	6			
1462	D-L1W1-XHE D-L1W1-XHE							
		Failure to Diagnose	Loss of RHR	Event in POS	6			
1463	D-L1W2-XHE D-L1W2-XHE							
		Failure to Diagnose	Loss of RHR	Event in POS	6			
1464	D-L1W3-XHE D-L1W3-XHE							
		Failure to Diagnose	Loss of RHR	Event				
1465	D-L1W4-XHE D-L1W4-XHE							
		Failure to Diagnose	Loss of RHR	Event				
1466	D-L2W1-XHE D-L2W1-XHE							
		Failure to Diagnose	Loss of RHR	Event in POS	6			
1467	D-L2W2-XHE D-L2W2-XHE							
		Failure to Diagnose	Loss of RHR	Event in POS	6			
1468	D-L2W3-XHE D-L2W3-XHE							
		Failure to Diagnose	Loss of RHR	Event				
1469	D-L2W4-XHE D-L2W4-XHE							
		Failure to Diagnose	Loss of RHR	Event				
1470	D-L3W1-XHE D-L3W1-XHE							
		Failure to Diagnose	Loss of RHR	Event in POS	6			
1471	D-L3W2-XHE D-L3W2-XHE							
		Failure to Diagnose	Loss of RHR	Event in POS	6			
1472	D-L3W3-XHE D-L3W3-XHE							
		Failure to Diagnose	Loss of RHR	Event				

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1473	D-L3W4-XHE D-L3W4-XHE							
		Failure to Diagnose Loss of RHR Event						
1474	D-R3D6-XHE D-R3D6-XHE							
		Failure to Diagnose Non-Recoverable Loss of RHR in POS						
1475	D-R3R10-XHE D-R3R10-XHE							
		Failure to Diagnose Loss of RHR Event in POS 10 of refu						
1476	D-R3R6-XHE D-R3R6-XHE							
		Failure to Diagnose Loss of RHR Event in POS 6						
1477	D-R3W1-XHE D-R3W1-XHE							
		Failure to Diagnose Loss of RHR Event in Window 1						
1478	D-R3W2-XHE D-R3W2-XHE							
		Failure to Diagnose Loss of RHR Event in Window 2						
1479	D-R3W3-XHE D-R3W3-XHE							
		Failure to Diagnose Loss of RHR Event in Window 3						
1480	D-R3W4-XHE D-R3W4-XHE							
		Failure to Diagnose Loss of Inventory in Window 4						
1481	D-R4D6-XHE D-R4D6-XHE							
P		Failure to Diagnose Loss of Operating Train of RHR in						
1482	D-R4R10-XHE D-R4R10-XHE							
P		Failure to Diagnose Loss of Operating Train of RHR in						
1483	D-R4R6-XHE D-R4R6-XHE							
P		Failure to Diagnose Loss of Operating Train of RHR in						
1484	D-R4W1-XHE D-R4W1-XHE							
		Failure to Diagnose Loss of RHR Event in Window 1						
1485	D-R4W2-XHE D-R4W2-XHE							
		Failure to Diagnose Loss of RHR-4 Event in Window 2						
1486	D-R4W3-XHE D-R4W3-XHE							
		Failure to Diagnose Loss of RHR-4 Event in Window 3						
1487	D-R4W4-XHE D-R4W4-XHE							
		Failure to Diagnose Loss of Inventory in Window 4						
1488	D-R5D6-XHE D-R5D6-XHE							
		Failure to Diagnose Recoverable Loss of RHR in POS 6 of						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1489	D-R5R10-XHE D-R5R10-XHE							
o		Failure to Diagnose Recoverable Loss of RHR in POS 10						
1490	D-R5R6-XHE D-R5R6-XHE							
		Failure to Diagnose a Recoverable Loss of RHR in POS 6						
1491	D-R5W1-XHE D-R5W1-XHE							
		Failure to Diagnose Loss of RHR5 Event in Window 1						
1492	D-R5W2-XHE D-R5W2-XHE							
		Failure to Diagnose Loss of RHR Event in POS 6						
1493	D-R5W3-XHE D-R5W3-XHE							
		Failure to Diagnose Loss of RHR Event in POS 6						
1494	D-R5W4-XHE D-R5W4-XHE							
		Failure to Diagnose Loss of Inventory in Window 4						
1495	D-RAD6-XHE D-RAD6-XHE							
		Failure to Diagnose an Over Draining Event in POS 6 of						
1496	D-RAR10-XHE D-RAR10-XHE							
		Failure to Diagnose an Over Draining Event in POS 10 of						
1497	D-RAR6-XHE D-RAR6-XHE							
		Failure to Diagnose an Over Draining Event in POS 6 of						
1498	D-RAW1-XHE D-RAW1-XHE							
		Failure to Diagnose Inventory Problem in Window 1						
1499	D-RAW2-XHE D-RAW2-XHE							
		Failure to Diagnose Loss of RHR Event in POS 6						
1500	D-RAW3-XHE D-RAW3-XHE							
		Failure to Diagnose Over Draining Event in Window 3						
1501	D-RAW4-XHE D-RAW4-XHE							
		Failure to Diagnose Over Drainging Event in Window 4						
1502	D-RBD6-XHE D-RBD6-XHE							
6		Failure to Diagnose an Inventory Problem Event in POS						
1503	D-RBR10-XHE D-RBR10-XHE							
r		Failure to Diagnose an Inventory Problem in POS 10 of						
1504	D-RBR6-XHE D-RBR6-XHE							
		Failure to Diagnose an Inventory Problem in POS 6 of re						

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BASIC EVENTS OVERVIEW REPORT

Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1505	D-RBW1-XHE D-RBW1-XHE	Failure to Diagnose Loss of RHR2B Event in Window 1						
1506	D-RBW2-XHE D-RBW2-XHE	Failure to Diagnose Loss of RHR2B Event in Window 2						
1507	D-RBW3-XHE D-RBW3-XHE	Failure to Diagnose Loss of Inventory in Window 3						
1508	D-RBW4-XHE D-RBW4-XHE	Failure to Diagnose Loss of Inventory in Window 3						
1509	D-SIW1-XHE D-SIW1-XHE	Failure to Diagnose Loss of RHR Event in POS 6						
1510	D-SIW2-XHE D-SIW2-XHE	Failure to Diagnose Loss of RHR Event in POS 6						
1511	D-SIW3-XHE D-SIW3-XHE	Failure to Diagnose Loss of RHR Event in POS 6						
1512	D-SIW4-XHE D-SIW4-XHE	Failure to Diagnose Loss of RHR Event in POS 6						
1513	D-SRW1-XHE D-SRW1-XHE	Failure to Diagnose ESGR Event SR in POS 6 of Refuel						
1514	D-SRW2-XHE D-SRW2-XHE	Failure to Diagnose ESGR Event SR in POS 6 of Refuel						
1515	D-SRW3-XHE D-SRW3-XHE	Failure to Diagnose ESGR Event SR in POS 6 of Refuel						
1516	D-SRW4-XHE D-SRW4-XHE	Failure to Diagnose Loss of RHR Event in POS 6						
1517	D-VBW1-XHE D-VBW1-XHE	Failure to Diagnose Loss of RHR Event in POS 6						
1518	D-VBW2-XHE D-VBW2-XHE	Failure to Diagnose Loss of RHR Event in POS 6						
1519	D-VBW3-XHE D-VBW3-XHE	Failure to Diagnose Loss of RHR Event in POS 6						
1520	D-VBW4-XHE D-VBW4-XHE	Failure to Diagnose Loss of RHR Event in POS 6						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1521	DCP-BAT-LP-BAT1A DCP-BAT-LP-BAT1A	BAT1A FAILURE OF BATTERY 1A			BAT	DCP		LP
1522	DCP-BAT-LP-BAT1B DCP-BAT-LP-BAT1B	BAT1B FAILURE OF BATTERY 1B			BAT	DCP		LP
1523	DCP-BAT-LP-BAT2A DCP-BAT-LP-BAT2A	FAILURE OF BATTERY 2A						
1524	DCP-BAT-LP-BAT2B DCP-BAT-LP-BAT2B	FAILURE OF BATTERY 2B						
1525	DCP-BDC-MA-BAT1B DCP-BDC-MA-BAT1B	TEST AND MAINTENANCE ON BATTERY 1B - STATE 6						
1526	DCP-BDC-MA0BAT1B DCP-BDC-MA0BAT1B	TEST AND MAINTENANCE ON BATTERY 1B - STATE 10						
1527	DCP-BDC-ST-BUS1A DCP-BDC-ST-BUS1A	BUS1A 125V DC BUS 1A BUSWORK FAILURE			BDC	DCP		ST
1528	DCP-BDC-ST-BUS1B DCP-BDC-ST-BUS1B	BUS1B 125V DC BUS 1B BUSWORK FAILURE			BDC	DCP		ST
1529	DCP-CCF-LP-BT1AB DCP-CCF-LP-BT1AB	BT1AB COMMON CAUSE FAILURE OF BATTERY 1A AND 1B			CCF	DCP		LP
1530	DCP-CCF-LP-BT2AB DCP-CCF-LP-BT2AB	COMMON CAUSE FAILURE OF BATTERIES 2A & 2B						
1531	DCP-CGR-MA-1A1 DCP-CGR-MA-1A1	TEST AND MAINTENANCE ON 2A1 BATTERY CHARGER - STATE 10						
1532	DCP-CGR-MA01A1 DCP-CGR-MA01A1							
1533	DCP-CRB-CO-19 DCP-CRB-CO-19	19 DC CIRCUIT BREAKER 19 TRANSFERS OPEN			CRB	DCP		CO
1534	DCP-CRB-CO-20 DCP-CRB-CO-20	20 DC CIRCUIT BREAKER 20 TRANSFERS OPEN			CRB	DCP		CO
1535	DCP-CRB-CO-23 DCP-CRB-CO-23	23 DC CIRCUIT BREAKER 23 TRANSFERS OPEN			CRB	DCP		CO
1536	DCP-CRB-CO-24 DCP-CRB-CO-24	24 DC CIRCUIT BREAKER 24 TRANSFERS OPEN			CRB	DCP		CO

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1537	DGN-FTO DGN-FTO	DG #3 UNAVAIL	DG 2	FAIL	FTO	DGN		
1538	DR-MT DR-MT		I					
1539	DR3W1-XHE DR3W1-XHE							
1540	DURATION-D6 DURATION-D6		I					
1541	DURATION-R10 DURATION-R10		I					
1542	DURATION-R6 DURATION-R6		I					
1543	FIRE-PUMP FIRE-PUMP							
1544	FREQ-4KV FREQ-4KV							
1545	FREQ-AIR FREQ-AIR							
1546	FREQ-B1 FREQ-B1							
1547	FREQ-B2 FREQ-B2							
1548	FREQ-CCW FREQ-CCW							
1549	FREQ-L1 FREQ-L1							
1550	FREQ-L2 FREQ-L2							
1551	FREQ-L3 FREQ-L3							
1552	FREQ-LOSP-LPSD FREQ-LOSP-LPSD							

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1553	FREQ-RHR2B FREQ-RHR2B	Frequency of Loss of Inventory during Mid-Loop						
1554	FREQ-RHR3 FREQ-RHR3	Frequency of Loss of RHR-3 during Mid-Loop						
1555	FREQ-RHR4 FREQ-RHR4	Frequency of Loss of RHR-4 during Mid-Loop						
1556	FREQ-RHR5 FREQ-RHR5	Frequency of Loss of RHR (RHR5)						
1557	FREQ-SB0-U1 FREQ-SB0-U1							
1558	FREQ-SB0-U1U2 FREQ-SB0-U1U2							
1559	FREQ-SI FREQ-SI	Frequency of Non-recoverable Loss of RHR						
1560	FREQ-SR FREQ-SR	FREQUENCY OF LOSS OF SWITCHGEAR ROOM COOLING						
1561	FREQ-VB FREQ-VB	Frequency of Non-recoverable Loss of RHR						
1562	H-4KV-REC-W1 H-4KV-REC-W1	CCW SYSTEM RECOVERY IN W1						
1563	H-4KV-REC-W2 H-4KV-REC-W2	CCW SYSTEM RECOVERY IN W1						
1564	H-4KV-REC-W3 H-4KV-REC-W3	CCW SYSTEM RECOVERY IN W1						
1565	H-4KV-REC-W4 H-4KV-REC-W4	CCW SYSTEM RECOVERY IN W1						
1566	H-CCW-REC-W1 H-CCW-REC-W1	CCW SYSTEM RECOVERY IN W1						
1567	H-CCW-REC-W2 H-CCW-REC-W2	CCW SYSTEM RECOVERY IN W1						
1568	H-CCW-REC-W3 H-CCW-REC-W3	CCW SYSTEM RECOVERY IN W1						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1569	H-CCW-REC-W4 H-CCW-REC- '4	CCW SYSTEM RECOVERY	IN	W1				
1570	H-SI-REC-W1 H-SI-REC-W1	CCW SYSTEM RECOVERY	IN	W1				
1571	H-SI-REC-W2 H-SI-REC-W2	CCW SYSTEM RECOVERY	IN	W1				
1572	H-SI-REC-W3 H-SI-REC-W3	CCW SYSTEM RECOVERY	IN	W1				
1573	H-SI-REC-W4 H-SI-REC-W4	CCW SYSTEM RECOVERY	IN	W1				
1574	H-VB-REC-W1 H-VB-REC-W1	CCW SYSTEM RECOVERY	IN	W1				
1575	H-VB-REC-W2 H-VB-REC-W2	CCW SYSTEM RECOVERY	IN	W1				
1576	H-VB-REC-W3 H-VB-REC-W3	CCW SYSTEM RECOVERY	IN	W1				
1577	H-VB-REC-W4 H-VB-REC-W4	CCW SYSTEM RECOVERY	IN	W1				
1578	HOUSE-AIR HOUSE-AIR	Not Loss of Air						
1579	HOUSE-ALOCA HOUSE-ALOCA	LARGE LOCA						
1580	HOUSE-B1 HOUSE-B1	HOUSE EVENT FOR UNIT 1	BLACKOUT					
1581	HOUSE-B2 HOUSE-B2	HOUSE EVENT FOR 2-UNIT	BLACKOUT					
1582	HOUSE-L2 HOUSE-L2	HOUSE EVENT FOR L2	LOSP					
1583	HOUSE-L3 HOUSE-L3	HOUSE EVENT FOR L3	LOSP					
1584	HOUSE-LOSP HOUSE-LOSP	HOUSE EVENT, LOSS OF OFFSITE POWER (LOOP)						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1585	HOUSE-NOT-POS313 HOUSE-NOT-POS313	NOT POS 3-13						
1586	HOUSE-NOT-POS412 HOUSE-NOT-POS412	IN POS 1-3 13-15						
1587	HOUSE-POS313 HOUSE-POS313	POS 3-13						
1588	HOUSE-POS412 HOUSE-POS412	IN POS 4-12						
1589	HOUSE-RHR5A HOUSE-RHR5A	Loss of Operating Train						
1590	HOUSE-SB0 HOUSE-SB0	HOUSE EVENT FOR BLACKOUT						
1591	HOUSE-SB01 HOUSE-SB01	ONE UNIT SB0						
1592	HOUSE-SB02 HOUSE-SB02	TWO UNIT SB0						
1593	HPI-CCF-FS-CH1BC HPI-CCF-FS-CH1BC	CH1BC COMMON CAUSE FAILURE TO START MDPS CH1B CH1C		CCF	HPI			FS
1594	HPI-CCF-FT-115BD HPI-CCF-FT-115BD	115BD COMMON CAUSE FAILURE OF MOVs 1115B AND 1115D		CCF	HPI			FT
1595	HPI-CCF-FT-867CD HPI-CCF-FT-867CD	867CD COMMON CAUSE FAILURE OF HPI MOVs 1867C 1867D		CCF	HPI			FT
1596	HPI-CCF-FT-869AB HPI-CCF-FT-869AB	COMMON CAUSE FAILURE OF HPI MOVs 1869A 1869B						
1597	HPI-CKV-FT-CV225 HPI-CKV-FT-CV225	CV225 CHECK VALVE CV225 FAILS TO OPEN		CKV	HPI			FT
1598	HPI-CKV-FT-CV25 HPI-CKV-FT-CV25	CV25 CHECK VALVE CV25 FAILS TO OPEN		CKV	HPI			FT
1599	HPI-CKV-FT-CV267 HPI-CKV-FT-CV267	CV267 CHECK VALVE CV267 FAILS TO OPEN		CKV	HPI			FT
1600	HPI-CKV-FT-CV276 HPI-CKV-FT-CV276	CV276 CHECK VALVE CV276 FAILS TO OPEN		CKV	HPI			FT

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1601	HPI-CKV-FT-CV410 HPI-CKV-FT-CV410	CV410 CHECK VALVE		CV410 FAILS TO OPEN	CKV	HPI		FT
1602	HPI-CKV-00-267U2 HPI-CKV-00-267U2	267U2 UNIT 2 CV267		FAILS TO SHUT CAUSE BACKFLOW	CKV	HPI		00
1603	HPI-CKV-00-276U2 HPI-CKV-00-276U2	276U2 UNIT 2 CV276		FAILS TO SHUT CAUSE BACKFLOW	CKV	HPI		00
1604	HPI-CKV-00-CV258 HPI-CKV-00-CV258	CV258 CHECK VALVE		CV258 FAILS TO SHUT CAUSE BACKFLOW	CKV	HPI		00
1605	HPI-MDP-FR-1A24H HPI-MDP-FR-1A24H	1A24H CHARGING PUMP		CH1A FAILS TO RUN FOR 24 HOURS	MDP	HPI		FR
1606	HPI-MDP-FR-1A6HR HPI-MDP-FR-1A6HR	1A6HR CHARGING PUMP		CH1A FAILS TO RUN FOR 6 HOURS	MDP	HPI		FR
1607	HPI-MDP-FR-1B6HR HPI-MDP-FR-1B6HR	1B6HR CHARGING PUMP		CH1B FAILS TO RUN FOR 6 HOURS	MDP	HPI		FR
1608	HPI-MDP-FR-1C12H HPI-MDP-FR-1C12H	1C12H CHARGING PUMP		CH1C FAILS TO RUN FOR 12 HOURS	MDP	HPI		FR
1609	HPI-MDP-FR-1C6HR HPI-MDP-FR-1C6HR	1C6HR CHARGING PUMP		CH1C FAILS TO RUN FOR 6 HOURS	MDP	HPI		FR
1610	HPI-MDP-FR-2C6HR HPI-MDP-FR-2C6HR	2C6HR CHRGNG PMP U2		CH2C FAILS TO RUN FOR 6 HOURS	MDP	HPI		FR
1611	HPI-MDP-FS HPI-MDP-FS			CHARGING PUMP FAILS TO START ON DEMAND	MDP	HPI		FS
1612	HPI-MDP-FS-CH1B HPI-MDP-FS-CH1B	CH1B CHARGING PUMP		CH1B FAILS TO START ON DMD	MDP	HPI		FS
1613	HPI-MDP-FS-CH1C HPI-MDP-FS-CH1C	CH1C CHARGING PUMP		CH1C FAILS TO START ON DMD	MDP	HPI		FS
1614	HPI-MDP-FS-CH2C HPI-MDP-FS-CH2C	CH2C U2 CHARGING PUMP		CH2C FAILS TO START	MDP	HPI		FS
1615	HPI-MDP-MA-CH1A HPI-MDP-MA-CH1A			MAINTENANCE OF CHARGING PUMP 1A-POS 6				
1616	HPI-MDP-MA-CH1B HPI-MDP-MA-CH1B			TEST AND MAINTENANCE ON HPI MDP CH1B - STATE 6				

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1617	HPI-MDP-MA-CH1C HPI-MDP-MA-CH1C	TEST AND MAINTENANCE ON HPI MDP CH1C - STATE 6						
1618	HPI-MDP-MA0CH1A HPI-MDP-MA0CH1A	MAINTENANCE OF CHARGING PUMP 1A-POS 10						
1619	HPI-MDP-MA0CH1B HPI-MDP-MA0CH1B	TEST AND MAINTENANCE ON HPI MDP CH1B - STATE 10						
1620	HPI-MDP-MA0CH1C HPI-MDP-MA0CH1C	TEST AND MAINTENANCE ON HPI MDP CH1C - STATE 10						
1621	HPI-MOD-FT-101B HPI-MOD-FT-101B	MOTOR OPERATED DAMPER MOD-101B FAILS TO OPEN						
1622	HPI-MOD-FT-101C HPI-MOD-FT-101C	MOTOR OPERATED DAMPER MOD-101C FAILS TO OPEN						
1623	HPI-MOV-FT HPI-MOV-FT	MOV HPI HPI MOTOR OP VALVE FAILS TO TRANSFER						FT
1624	HPI-MOV-FT-1115B HPI-MOV-FT-1115B	MOV HPI HPI MOV 1115B FAILS TO OPEN ON DEMAND						FT
1625	HPI-MOV-FT-1115C HPI-MOV-FT-1115C	MOV HPI HPI MOV 1115C FAILS TO CLOSE						FT
1626	HPI-MOV-FT-1115D HPI-MOV-FT-1115D	MOV HPI HPI MOV 1115D FAILS TO OPEN ON DEMAND						FT
1627	HPI-MOV-FT-1115E HPI-MOV-FT-1115E	MOV HPI HPI MOV 1115E FAILS TO CLOSE						FT
1628	HPI-MOV-FT-1350 HPI-MOV-FT-1350	MOV HPI HPI MOV 1350 FAILS TO OPEN						FT
1629	HPI-MOV-FT-1867C HPI-MOV-FT-1867C	MOV HPI HPI MOV 1867C FAILS TO OPEN ON DEMAND						FT
1630	HPI-MOV-FT-1867D HPI-MOV-FT-1867D	MOV HPI HPI MOV 1867D FAILS TO OPEN ON DEMAND						FT
1631	HPI-MOV-FT-1869A HPI-MOV-FT-1869A	MOV- 1869A FAILS TO OPEN ON DEMAND						
1632	HPI-MOV-FT-1869B HPI-MOV-FT-1869B	MOV- 1869B FAILS TO OPEN ON DEMAND						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1633	HPI-MOV-PG-1115B HPI-MOV-PG-1115B	1115B MOTOR OPERATED VALVE		1115B	MOV PLUGGED	HPI		PG
1634	HPI-MOV-PG-1115D HPI-MOV-PG-1115D	1115D MOTOR OPERATED VALVE		1115D	MOV PLUGGED	HPI		PG
1635	HPI-MOV-PG-1269A HPI-MOV-PG-1269A	1269A MOTOR OPERATED VALVE		1269A	MOV PLUGGED	HPI		PG
1636	HPI-MOV-PG-1270A HPI-MOV-PG-1270A	1270A MOTOR OPERATED VALVE		1270A	MOV PLUGGED	HPI		PG
1637	HPI-MOV-PG-1286B HPI-MOV-PG-1286B	1286B MOTOR OPERATED VALVE		1286B	MOV PLUGGED	HPI		PG
1638	HPI-MOV-PG-1286C HPI-MOV-PG-1286C	1286C MOTOR OPERATED VALVE		1286C	MOV PLUGGED	HPI		PG
1639	HPI-MOV-PG-1350 HPI-MOV-PG-1350	1350 HPI MOTOR OPERATED VALVE		1350	MOV PLUGGED	HPI		PG
1640	HPI-MOV-PG-1867C HPI-MOV-PG-1867C	1867C MOTOR OPERATED VALVE		1867C	MOV PLUGGED	HPI		PG
1641	HPI-MOV-PG-1867D HPI-MOV-PG-1867D	1867D MOTOR OPERATED VALVE		1867D	MOV PLUGGED	HPI		PG
1642	HPI-MOV-PG-1869A HPI-MOV-PG-1869A	MOV- 1869A PLUGGED						
1643	HPI-MOV-PG-1869B HPI-MOV-PG-1869B	MOV- 1869B PLUGGED						
1644	HPI-XHE-FO-PLLCK HPI-XHE-FO-PLLCK	Operator fails to remove pulllock condition						
1645	HPI-XHE-FO-ALT HPI-XHE-FO-ALT	ALT OP FAILS TO REC CCF OF HPI			XHE DISCHARGE	HPI MOV		FO
1646	HPI-XHE-FO-ALTIN HPI-XHE-FO-ALTIN	ALTIN OP FAILS TO REC HPI VIA ALTERNATE			XHE PATH	HPI		FO
1647	HPI-XHE-FO-ALTS3 HPI-XHE-FO-ALTS3	ALTS3 OP FAILS TO REC CCF OF HPI			XHE DISCHARGE	HPI MOV		FO
1648	HPI-XHE-FO-COLD HPI-XHE-FO-COLD	OPERATOR FAILS TO MANUALLY INITIATE HPI FLOW TO COLD LE						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1649	HPI-XHE-F0-FBHLG HPI-XHE-F0-FBHLG	OP FAILS TO ESTABLISH FEED AND BLEED THRU HOT LEGS						
1650	HPI-XHE-F0-FDBLD HPI-XHE-F0-FDBLD	FDBLD OP FAILS TO ESTABLISH FEED AND BLEED OPERATIO			XHE	HPI		FO
1651	HPI-XHE-F0-HOTLG HPI-XHE-F0-HOTLG	OPERATOR FAILS TO MANUALLY INITIATE HPI FLOW TO HOT- LE						
1652	HPI-XHE-F0-PLLCK HPI-XHE-F0-PLLCK	PLLCK Operator fails to remove pullock condition			XHE	HPI		FO
1653	HPI-XHE-F0-UN2S2 HPI-XHE-F0-UN2S2	UN2S2 OP FAILS TO XCONN HPI TO U2 FOR S2-D1			XHE	HPI		FO
1654	HPI-XHE-F0-UN2S3 HPI-XHE-F0-UN2S3	UN2S3 OP FAILS TO XCONN HPI TO U2 FOR S3-D1			XHE	HPI		FO
1655	HPI-XVM-PG-XV24 HPI-XVM-PG-XV24	XV24 MANUAL VALVE XV24 PLUGGED			XVM	HPI		PG
1656	HPR-MDP-FR-1C12H HPR-MDP-FR-1C12H	1C12H HPR MOTOR DRIVEN PUMP 1C FAILS TO RUN FOR 12 HRS			MDP	HPR		FR
1657	HPR-MDP-FR-A18HR HPR-MDP-FR-A18HR	A18HR CHARGING PMP MDP-CH1A FAILS TO RUN FOR 18 HRS			MDP	HPR		FR
1658	HPR-MDP-FR-B18HR HPR-MDP-FR-B18HR	B18HR CHARGING PUMP MDP-CH1B FAILS TO RUN FOR 18 HRS			MDP	HPR		FR
1659	IAS-AOV-FT-TV126 IAS-AOV-FT-TV126	IA-TV-126 FAILS TO OPEN						
1660	IAS-AOV-LK-CC107 IAS-AOV-LK-CC107	CC107 INSTRUMENT AIR LEAK TO TV-CC-107			AOV	IAS		LK
1661	IAS-AOV-OC-CC107 IAS-AOV-OC-CC107	CC107 CC-TV-107 TRANSFERS CLOSED			AOV	IAS		OC
1662	IAS-AOV-PG-CC107 IAS-AOV-PG-CC107	CC107 CC-TV-107 PLUGGED			AOV	IAS		PG
1663	IAS-AOV-PG-TV125 IAS-AOV-PG-TV125	IA-TV-125 PLUGGED						
1664	IAS-CCF-LF-INAIR IAS-CCF-LF-INAIR	INAIR COMMON CAUSE FAIL AOVs DUE TO LOSS OF AIR			CCF	IAS		LF

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1665	IAS-CPS-FR-IAC-1 IAS-CPS-FR-IAC-1	TURBINE BUILDING	IA COMPRESSOR			IA-C-1	FAILS TO RUN	
1666	IAS-CPS-FS-IAC-1 IAS-CPS-FS-IAC-1	TURBINE BUILDING	IA COMPRESSOR			IA-C-1	FAILS TO START	
1667	IAS-DYR-LF-IAD1 IAS-DYR-LF-IAD1	TURBINE BUILDING	IA DRYER	PLUGGED				
1668	ISR-CCF-FS-RS1AB ISR-CCF-FS-RS1AB	RS1AB COMMON CAUSE	FAIL TO START		CCF ISR PMPS	ISR		FS
1669	ISR-MDP-FR-RS1A ISR-MDP-FR-RS1A	RS1A ISR MOTOR DR PUMP	RS1A	FAILS TO RUN	MDP	ISR		FR
1670	ISR-MDP-FR-RS1B ISR-MDP-FR-RS1B	RS1B ISR MOTOR DR PUMP	RS1B	FAILS TO RUN	MDP	ISR		FR
1671	ISR-MDP-FS-RS1A ISR-MDP-FS-RS1A	RS1A ISR MDP	RS1A	FAILS TO START ON DEMAND	MDP	ISR		FS
1672	ISR-MDP-FS-RS1B ISR-MDP-FS-RS1B	RS1B ISR MDP	RS1B	FAILS TO START ON DEMAND	MDP	ISR		FS
1673	ISR-MDP-MA-RS1A ISR-MDP-MA-RS1A	RS1A TEST AND MAINTENANCE ON	MDP RS1A		MDP	ISR		MA
1674	ISR-MDP-MA-RS1B ISR-MDP-MA-RS1B	RS1B TEST AND MAINTENANCE ON	MDP RS1B		MDP	ISR		MA
1675	ISR-MDP-OP-1AB ISR-MDP-OP-1AB	ISR NOT INIT BY OPER						
1676	ISR-STR-PG-RS1AS ISR-STR-PG-RS1AS	RS1AS ISR STRAINER	RS1AS	PLUGGED	STR	ISR		PG
1677	ISR-STR-PG-RS1BS ISR-STR-PG-RS1BS	RS1BS ISR STRAINER	RS1BS	PLUGGED	STR	ISR		PG
1678	ISR-TRA-MA ISR-TRA-MA	TRAIN A MAINT UNAV.						
1679	LOOP-ISOLATED-6E LOOP-ISOLATED-6E	Loops Isolated in RHR2A	IE of POS 6	Refuleing				
1680	LOOP-ISOLATED-6T LOOP-ISOLATED-6T	Loops Isolated in POS 6	Refuleing					

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1681	LOOP1 LOOP1	LOOP TEST			DE			
1682	LOOPISOLATED1D6 LOOPISOLATED1D6	Loops Isolated in window 1 of D6						
1683	LOOPISOLATED1R10 LOOPISOLATED1R10	Loops Isolated in of window 1 of R10						
1684	LOOPISOLATED1R6 LOOPISOLATED1R6	Loops Isolated in window 1 of R6						
1685	LOOPISOLATED2D6 LOOPISOLATED2D6	Loops Isolated in window 2 of D6						
1686	LOOPISOLATED2R10 LOOPISOLATED2R10	Loops Isolated in of window 2 of R10						
1687	LOOPISOLATED2R6 LOOPISOLATED2R6	Loops Isolated in window 2 of R6						
1688	LOOPISOLATED3D6 LOOPISOLATED3D6	Loops Isolated in window 3 of D6						
1689	LOOPISOLATED3R10 LOOPISOLATED3R10	Loops Isolated in of window 3 of R10						
1690	LOOPISOLATED3R6 LOOPISOLATED3R6	Loops Isolated in window 3 of R6						
1691	LOOPISOLATED4D6 LOOPISOLATED4D6	Loops Isolated in window 4 of D6						
1692	LOOPISOLATED4R10 LOOPISOLATED4R10	Loops Isolated in of window 4 of R10						
1693	LOOPISOLATED4R6 LOOPISOLATED4R6	Loops Isolated in window 4 of R6						
1694	LOSP LOSP	LOSP EVENT						
1695	LPI-CCF-FS-SI1AB LPI-CCF-FS-SI1AB	SI1AB COMMON CAUSE FAILURE OF MDPS SI1A AND SI1B			CCF	LPI		FS
1696	LPI-CKV-FT-243 LPI-CKV-FT-243	CV243 Check valve CV243 fails to open			CKV	LPI		FT

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1697	LPI-CKV-FT-CV239 LPI-CKV-FT-CV239	CV239 CHECK VALVE	CV239	FAILS TO	CKV OPEN	LPI	FT	
1698	LPI-CKV-FT-CV240 LPI-CKV-FT-CV240	CV240 CHECK VALVE	CV240	FAILS TO	CKV OPEN	LPI		FT
1699	LPI-CKV-FT-CV241 LPI-CKV-FT-CV241	CV241 CHECK VALVE	CV241	FAILS TO	OPEN	LPI		
1700	LPI-CKV-FT-CV242 LPI-CKV-FT-CV242	CV242 Check valve	CV242	fails to	CKV open	LPI		FT
1701	LPI-CKV-FT-CV46A LPI-CKV-FT-CV46A	CV46A CHECK VALVE	CV46A	FAILS TO	CKV OPEN	LPI		FT
1702	LPI-CKV-FT-CV46B LPI-CKV-FT-CV46B	CV46B CHECK VALVE	CV46B	FAILS TO	CKV OPEN	LPI		FT
1703	LPI-CKV-FT-CV50 LPI-CKV-FT-CV50	CV50 CHECK VALVE	CV50	FAILS TO	CKV OPEN	LPI		FT
1704	LPI-CKV-FT-CV58 LPI-CKV-FT-CV58	CV58 CHECK VALVE	CV58	FAILS TO	CKV OPEN	LPI		FT
1705	LPI-CKV-FT-CV79 LPI-CKV-FT-CV79	CHECK VALVE	CV79	FAILS TO	OPEN			
1706	LPI-CKV-FT-CV82 LPI-CKV-FT-CV82	CV82 Check valve	CV82	fails to	CKV open	LPI		FT
1707	LPI-CKV-FT-CV85 LPI-CKV-FT-CV85	CV85 MOV1890C FROM LOW	CV85	Check valve	CKV CV85 fails to open	LPI		FT
1708	LPI-CKV-FT-CV91 LPI-CKV-FT-CV91	CHECK VALVE	CV91	FAILS TO	OPEN			
1709	LPI-CKV-FT-CV94 LPI-CKV-FT-CV94	CHECK VALVE	CV94	FAILS TO	OPEN			
1710	LPI-CKV-00-CV50 LPI-CKV-00-CV50	CV50 CHECK VALVE	CV50	FAILS TO	CKV SHUT	LPI	CAUSE BACKFLOW	00
1711	LPI-CKV-00-CV58 LPI-CKV-00-CV58	CV58 CHECK VALVE	CV58	FAILS TO	CKV SHUT	LPI	CAUSE BACKFLOW	00
1712	LPI-MDP-FR-1A1HR LPI-MDP-FR-1A1HR	1A1HR LPI MDP SI1A	1A1HR	FAILS TO	MDP RUN FOR 1 HOUR	LPI		FR

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1713	LPI-MDP-FR-1A6HR LPI-MDP-FR-1A6HR	1A6HR LPI MDP SI1A FAILS TO RUN FOR 6 HOURS			MDP	LPI		FR
1714	LPI-MDP-FR-1B1HR LPI-MDP-FR-1B1HR	1B1HR LPI MDP SI1B FAILS TO RUN FOR 1 HOUR			MDP	LPI		FR
1715	LPI-MDP-FR-1B6HR LPI-MDP-FR-1B6HR	1B6HR LPI MDP SI1B FAILS TO RUN FOR 6 HOURS			MDP	LPI		FR
1716	LPI-MDP-FR-A18HR LPI-MDP-FR-A18HR	A18HR LPI MDP SI1A FAILS TO RUN FOR 18 HOURS			MDP	LPI		FR
1717	LPI-MDP-FR-A21HR LPI-MDP-FR-A21HR	A21HR LPI MDP SI1A FAILS TO RUN FOR 21 HOURS			MDP	LPI		FR
1718	LPI-MDP-FR-A24HR LPI-MDP-FR-A24HR	A24HR LPI MDP SI1A FAILS TO RUN FOR 24 HOURS			MDP	LPI		FR
1719	LPI-MDP-FR-B18HR LPI-MDP-FR-B18HR	B18HR LPI MDP SI1B FAILS TO RUN FOR 18 HOURS			MDP	LPI		FR
1720	LPI-MDP-FR-B21HR LPI-MDP-FR-B21HR	B21HR LPI MDP SI1B FAILS TO RUN FOR 21 HOURS			MDP	LPI		FR
1721	LPI-MDP-FR-B24HR LPI-MDP-FR-B24HR	B24HR LPI MDP SI1B FAILS TO RUN FOR 24 HOURS			MDP	LPI		FR
1722	LPI-MDP-FS LPI-MDP-FS	LPI MOTOR DRIVEN PUMP FAILS TO START			MDP	LPI		FS
1723	LPI-MDP-FS-SI1A LPI-MDP-FS-SI1A	SI1A LPI MDP SI1A FAILS TO START ON DEMAND			MDP	LPI		FS
1724	LPI-MDP-FS-SI1B LPI-MDP-FS-SI1B	SI1B LPI MDP SI1B FAILS TO START ON DEMAND			MDP	LPI		FS
1725	LPI-MDP-MA-SI1A LPI-MDP-MA-SI1A	TEST AND MAINTENANCE ON LPI MDPSI1A - STATE 6						
1726	LPI-MDP-MA-SI1B LPI-MDP-MA-SI1B	TEST AND MAINTENANCE ON LPI MDPSI1B - STATE 6						
1727	LPI-MDP-MA0SI1A LPI-MDP-MA0SI1A	TEST AND MAINTENANCE ON LPI MDPSI1A - STATE 10						
1728	LPI-MDP-MA0SI1B LPI-MDP-MA0SI1B	TEST AND MAINTENANCE ON LPI MDPSI1B - STATE 10						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1729	LPI-MOV-CC-1890C LPI-MOV-CC-1890C	LPI MOV- 1890C fails to open						
1730	LPI-MOV-MA-1862A LPI-MOV-MA-1862A	TEST AND MAINTENANCE ON LPI 1862A - STATE 6						
1731	LPI-MOV-MA01862A LPI-MOV-MA01862A	TEST AND MAINTENANCE ON LPI 1862A - STATE 10						
1732	LPI-MOV-00-1890C LPI-MOV-00-1890C	MOV- 1890C FAILS TO CLOSE						
1733	LPI-MOV-PG-1862A LPI-MOV-PG-1862A	1862A LPI MOTOR OPER VALVE 1862A			MOV PLUGGED	LPI		PG
1734	LPI-MOV-PG-1862B LPI-MOV-PG-1862B	1862B LPI MOTOR OPER VALVE 1862B			MOV PLUGGED	LPI		PG
1735	LPI-MOV-PG-1864A LPI-MOV-PG-1864A	1864A LPI MOTOR OPERATED VALVE 1864A			MOV PLUGGED	LPI		PG
1736	LPI-MOV-PG-1864B LPI-MOV-PG-1864B	1864B LPI MOTOR OPERATED VALVE 1864B			MOV PLUGGED	LPI		PG
1737	LPI-MOV-PG-1890C LPI-MOV-PG-1890C	1890C VALVE 1890C PLUGGED			MOV LPI motor operated	LPI		PG
1738	LPI-XHE-FO-COLD LPI-XHE-FO-COLD	Operator fails to manually initiate LPI						
1739	LPI-XHE-FO-HOTLG LPI-XHE-FO-HOTLG	OPERATOR FAILS TO MANUALLY INITIATE LPI FLOW TO HOT-						LE
1740	LPI-XVM-PG-XV48 LPI-XVM-PG-XV48	XV48 MANUAL VALVE XV48			XVM PLUGGED	LPI		PG
1741	LPI-XVM-PG-XV57 LPI-XVM-PG-XV57	XV57 MANUAL VALVE XV57			XVM PLUGGED	LPI		PG
1742	LPR-CCF-FT-860AB LPR-CCF-FT-860AB	860AB COMMON CAUSE FAILURE OF MOV 1860A/B			CCF LPR			FT
1743	LPR-CCF-FT-862AB LPR-CCF-FT-862AB	862AB COMMON CAUSE FAILURE OF MOV 1862A/B			CCF LPR			FT
1744	LPR-CCF-FT-863AB LPR-CCF-FT-863AB	863AB COMMON CAUSE FAILURE OF MOV 1863A/B			CCF LPR			FT

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1745	LPR-CCF-FT-890AB LPR-CCF-FT-890AB	890AB COMMON CAUSE FAILURE OF MOV 1890A/B			CCF	LPR		FT
1746	LPR-CCF-MOV-862A LPR-CCF-MOV-862A							
1747	LPR-CCF-PG-SUMP LPR-CCF-PG-SUMP	SUMP PLUGGING OF THE CONTAINMENT SUMP			CCF	LPR		PG
1748	LPR-CCF-PG-SUMP1 LPR-CCF-PG-SUMP1	SUMP PLUGGING OF THE CONTAINMENT SUMP			CCF	LPR	in Time Window 1	PG
1749	LPR-CCF-PG-SUMP2 LPR-CCF-PG-SUMP2	SUMP PLUGGING OF THE CONTAINMENT SUMP			CCF	LPR	in Time Window 2	PG
1750	LPR-CKV-FT-CV228 LPR-CKV-FT-CV228	CV228 CHECK VALVE CV228 FAILS TO OPEN			CKV	LPR		FT
1751	LPR-CKV-FT-CV229 LPR-CKV-FT-CV229	CV229 CHECK VALVE CV229 FAILS TO OPEN			CKV	LPR		FT
1752	LPR-CKV-FT-CV47 LPR-CKV-FT-CV47	CV47 CHECK VALVE CV47 FAILS TO OPEN			CKV	LPR		FT
1753	LPR-CKV-FT-CV56 LPR-CKV-FT-CV56	CV56 CHECK VALVE CV56 FAILS TO OPEN			CKV	LPR		FT
1754	LPR-MOV-FT-1860A LPR-MOV-FT-1860A	1860A LPR MOTOR OPERATED VALVE 1860A FAILS TO OPEN			MOV	LPR		FT
1755	LPR-MOV-FT-1860B LPR-MOV-FT-1860B	1860B LPR MOTOR OPERATED VALVE 1860B FAILS TO OPEN			MOV	LPR		FT
1756	LPR-MOV-FT-1862A LPR-MOV-FT-1862A	1862A LPR MOTOR OPERATED VALVE 1862A FAILS TO CLOSE			MOV	LPR		FT
1757	LPR-MOV-FT-1862B LPR-MOV-FT-1862B	1862B LPR MOTOR OPERATED VALVE 1862B FAILS TO CLOSE			MOV	LPR		FT
1758	LPR-MOV-FT-1863A LPR-MOV-FT-1863A	1863A LPR MOTR OP VLV 1863A FAILS TO OPEN			MOV	LPR		FT
1759	LPR-MOV-FT-1863B LPR-MOV-FT-1863B	1863B LPR MTR OP VLV 1863B FAILS TO OPEN			MOV	LPR		FT
1760	LPR-MOV-FT-1890A LPR-MOV-FT-1890A	1890A LPR MOTOR OPERATED VALVE 1890A FAILS TO OPEN			MOV	LPR		FT

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1761	LPR-MOV-FT-1890B LPR-MOV-FT-1890B	1890B LPR MOTOR OPERATED VALVE			MOV	LPR	1890B FAILS TO OPEN	FT
1762	LPR-MOV-PG-1863A LPR-MOV-PG-1863A	1863A LPR MOTOR OPER VALVE			MOV	LPR	1863A PLUGGED	PG
1763	LPR-MOV-PG-1863B LPR-MOV-PG-1863B	1863B LPR MOTOR OPER VALVE			MOV	LPR	1863B PLUGGED	PG
1764	LPR-MOV-PG-1890A LPR-MOV-PG-1890A	1890A LPR MOTOR OPER VALVE			MOV	LPR	1890A PLUGGED	PG
1765	LPR-MOV-PG-1890B LPR-MOV-PG-1890B	1890B LPR MOTOR OPERATED VALVE			MOV	LPR	1890B PLUGGED	PG
1766	LPR-XHE-FO-HOTLG LPR-XHE-FO-HOTLG	HOTLG OP FAILS TO ALIGN THE SYSTEM FOR HOT LEG RECI			XHE	LPR		FO
1767	MCW-CCF-VF-INLVL MCW-CCF-VF-INLVL	INLVL INSUFFICIENT INTAKE CANAL LEVEL			CCF	MCW		VF
1768	MCW-CCF-VF-SBO MCW-CCF-VF-SBO	SBO OPERS DONT CLOSE VALVES			CCF	MCW		VF
1769	MOV-FAILURE MOV-FAILURE	Failure of MOV Such that It Can Not be Locally Opened						
1770	MSS-AOV-FC-101A MSS-AOV-FC-101A	101A SG A PORV BLOCKED			AOV	MSS		FC
1771	MSS-AOV-FC-101B MSS-AOV-FC-101B	101B SG B PORV BLOCKED			AOV	MSS		FC
1772	MSS-AOV-FC-101C MSS-AOV-FC-101C	101C SG C PORV BLOCKED			AOV	MSS		FC
1773	MSS-AOV-FT-101A MSS-AOV-FT-101A	101A SG A PORV FAILS TO OPEN			AOV	MSS		FT
1774	MSS-AOV-FT-101B MSS-AOV-FT-101B	101B SG B PORV FAILS TO OPEN			AOV	MSS		FT
1775	MSS-AOV-FT-101C MSS-AOV-FT-101C	101C SG C PORV FAILS TO OPEN			AOV	MSS		FT
1776	MSS-AOV-MA-101A MSS-AOV-MA-101A	SG A PORV IN TEST OR MAINTENANCE						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1777	MSS-AOV-MA-101B MSS-AOV-MA-101B	SG B PORV	IN TEST OR MAINTENANCE					
1778	MSS-AOV-MA-101C MSS-AOV-MA-101C	SG C PORV	IN TEST OR MAINTENANCE					
1779	MSS-AOV-PG-101A MSS-AOV-PG-101A	101A SG A PORV PLUGGED			AOV	MSS		PG
1780	MSS-AOV-PG-101B MSS-AOV-PG-101B	101B SG B PORV PLUGGED			AOV	MSS		PG
1781	MSS-AOV-PG-101C MSS-AOV-PG-101C	101C SG C PORV PLUGGED			AOV	MSS		PG
1782	MSS-AOV-XHE-105 MSS-AOV-XHE-105	Operator Failure to Open Main Steam Dump Valves to Cond						
1783	MSS-CCF-FT-01ABC MSS-CCF-FT-01ABC	01ABC CC FAILURE OF SG C PORV			CCF	MSS		FT
1784	MSS-CCF-FT-NRV MSS-CCF-FT-NRV	CCF OF NRV VALVES						
1785	MSS-CCF-FT-STV MSS-CCF-FT-STV	CCF OF MST VALVES						
1786	MSS-CCF-PG-XVM MSS-CCF-PG-XVM	CCF OF MST BPVS						
1787	MSS-CKV-FT-SGDHR MSS-CKV-FT-SGDHR	SGDHR BKFLW THRU 1 OF 2 SG DECAY HT RMVL CKVS			CKV	MSS		FT
1788	MSS-HCV-FT-104 MSS-HCV-FT-104	HC-104 FAILS TO OPEN						
1789	MSS-HCV-PG-104 MSS-HCV-PG-104	HCV-104 PLUGGED						
1790	MSS-NRV-FT-101A MSS-NRV-FT-101A	NRV FAILS TO OPEN						
1791	MSS-NRV-FT-101B MSS-NRV-FT-101B	NRV FAILS TO OPEN						
1792	MSS-NRV-FT-101C MSS-NRV-FT-101C	NRV FAILS TO OPEN						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1793	MSS-NRV-MA-101A MSS-NRV-MA-101A	NRV IN TEST OR		MAINTENANCE				
1794	MSS-NRV-MA-101B MSS-NRV-MA-101B	NRV IN TEST OR		MAINTENANCE				
1795	MSS-NRV-MA-101C MSS-NRV-MA-101C	NRV IN TEST OR		MAINTENANCE				
1796	MSS-NRV-PG-101A MSS-NRV-PG-101A	NRV PLUGGED						
1797	MSS-NRV-PG-101B MSS-NRV-PG-101B	NRV PLUGGED						
1798	MSS-NRV-PG-101C MSS-NRV-PG-101C	NRV PLUGGED						
1799	MSS-SOV-00-ODADV MSS-SOV-00-ODADV	ODADV SG PORV FLS TO SHUT		SOV SGTR W/O OP	MSS DPRESS			00
1800	MSS-SRV-00-ODSRV MSS-SRV-00-ODSRV	ODSRV SG SRV FLS TO SHUT		SRV SGTR W/O OP	MSS DPRESS			00
1801	MSS-STV-FT-101A MSS-STV-FT-101A	MSTV FAILS TO OPEN						
1802	MSS-STV-FT-101B MSS-STV-FT-101B	MSTV FAILS TO OPEN						
1803	MSS-STV-FT-101C MSS-STV-FT-101C	MSTV FAILS TO OPEN						
1804	MSS-STV-MA-101A MSS-STV-MA-101A	MSTV 101A IN TEST OR		MAINTENANCE				
1805	MSS-STV-MA-101B MSS-STV-MA-101B	MSTV 101B IN TEST OR		MAINTENANCE				
1806	MSS-STV-MA-101C MSS-STV-MA-101C	MSTV 101C IN TEST OR		MAINTENANCE				
1807	MSS-STV-PG-101A MSS-STV-PG-101A	MSTV PLUGGED						
1808	MSS-STV-PG-101B MSS-STV-PG-101B	MSTV PLUGGED						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1809	MSS-STV-PG-101C MSS-STV-PG-101C	MSTV PLUGGED						
1810	MSS-XHE-FO-BLOCK MSS-XHE-FO-BLOCK	BLOCK FAIL OF OP TO TERMINATE FLW FRM SO SG PORV			XHE	MSS		FO
1811	MSS-XHE-FO-ISAFW MSS-XHE-FO-ISAFW	ISAFW FAIL OF OP TO TERM FLW FRM TDP STM LN SGTR			XHE	MSS		FO
1812	MSS-XHE-FO-ISDHR MSS-XHE-FO-ISDHR	ISDHR OP FAILS TO ISOL STM FLW VIA DHR BY COOLDOWN			XHE	MSS		FO
1813	MSS-XHE-FO-SSHR MSS-XHE-FO-SSHR	OPERATOR FAILS TO ESTABLISH STEAM DUMP FROM SGS						
1814	MSS-XVM-MA-084 MSS-XVM-MA-084	MST-A BPV 084 TEST OR MAINTENANCE						
1815	MSS-XVM-MA-116 MSS-XVM-MA-116	MST-B BPV 116 TEST OR MAINTENANCE						
1816	MSS-XVM-MA-153 MSS-XVM-MA-153	MST-C BPV 153 TEST OR MAINTENANCE						
1817	MSS-XVM-PG-084 MSS-XVM-PG-084	MST-A BPV 084 PLUGGED						
1818	MSS-XVM-PG-116 MSS-XVM-PG-116	MST-B BPV 116 PLUGGED						
1819	MSS-XVM-PG-153 MSS-XVM-PG-153	MST-C BPV 153 PLUGGED						
1820	MSS-XVM-XHE-BYPS MSS-XVM-XHE-BYPS	Operator Failure to Open MSTV Bypass Valves						
1821	NFWHLG NFWHLG	NO FLOW TO HOT LEGS DUE TO CHECK VALVE FAILURES			DE			
1822	NRAC-150MIN NRAC-150MIN	NON-RECOVERY AC PWR W/IN 150 MIN OF LOSP						
1823	NRAC-1HR NRAC-1HR	NON-RECOVERY AC PWR W/IN 1 HR OF LOSP						
1824	NRAC-201MIN NRAC-201MIN	NON-RECOVERY AC PWR W/IN 201 MIN OF LOSP						

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Family: RHRTST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1825	NRAC-216MIN NRAC-216MIN	NON-RECOVERY AC PWR W/IN 216 MIN OF LOSP						
1826	NRAC-246MIN NRAC-246MIN	NON-RECOVERY AC PWR W/IN 246 MIN OF LOSP						
1827	NRAC-258MIN NRAC-258MIN	NON-RECOVERY AC PWR W/IN 258 MIN OF LOSP						
1828	NRAC-6HR-AVG NRAC-6HR-AVG	NON-REC AC PWR W/IN 6 HR OF LOSP W/TDP 04 6HR						
1829	NRAC-7HR NRAC-7HR	NON-RECOVERY AC PWR W/IN 7 HRS OF LOSP						
1830	NRAC-HALFHR NRAC-HALFHR	NON-RECOVERY AC PWR W/IN 30 MIN OF LOSP						
1831	NRAC200 NRAC200	PROBABILITY OF NON-RECOVERY OF OFFSITE POWER IN 2 HOURS						
1832	NRAC262 NRAC262	PROBABILITY OF NON-RECOVERY OF OFFSITE POWER IN 2.62 HO						
1833	NRAC346 NRAC346	PROBABILITY OF NON-RECOVERY OF OFFSITE POWER IN 3.46 HO						
1834	NRAC455 NRAC455	PROBABILITY OF NON-RECOVERY OF OFFSITE POWER IN 4.55 HO						
1835	OEP-BAC-ST-FDRD OEP-BAC-ST-FDRD	FDRD	BAC		OEP	ST		
		RESERVE STATION SERVICE FEEDER D	BUSWORK FAILS					
1836	OEP-BAC-ST-FDRF OEP-BAC-ST-FDRF	FDRF	BAC		OEP	ST		
		RESERVE STATION SERVICE FEEDER F	BUSWORK FAILS					
1837	OEP-CCF-FS-DG12 OEP-CCF-FS-DG12	DG12	CC FAIL TO START 1 & 2 DGS		CCF	OEP	FS	
1838	OEP-CCF-FS-DG123 OEP-CCF-FS-DG123	DG123	CC FAIL TO START ALL 3 DGS		CCF	OEP	FS	
1839	OEP-CCF-FS-DG13 OEP-CCF-FS-DG13	DG13	CC FAIL TO START 1 & 3 DGS		CCF	OEP	FS	
1840	OEP-CCF-FS-DG23 OEP-CCF-FS-DG23	DG23	CC FAIL TO START 2 & 3 DGS		CCF	OEP	FS	

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode	
1841	OEP-CRB-FT-15H3 OEP-CRB-FT-15H3	15H3 DIESEL GEN #1	CKT	BRKR	15H3	CRB	OEP FAILS TO CLOSE	FT	
1842	OEP-CRB-FT-15J3 OEP-CRB-FT-15J3	15J3 DIESEL GEN #3	CKT	BRKR	15J3	CRB	OEP FAILS TO CLOSE	FT	
1843	OEP-CRB-FT-25H3 OEP-CRB-FT-25H3	25H3 DIESEL GEN #2	CKT	BRKR	25H3	CRB	OEP FAILS TO CLOSE	FT	
1844	OEP-CRB-FT-25J3 OEP-CRB-FT-25J3	DIESEL GENERATOR #3 CKT BREAKER 25J3 FAILS TO CLOSE							
1845	OEP-DGN-FC-D3U2 OEP-DGN-FC-D3U2	DIESEL GENERATOR #3 ASSIGNED TO UNIT 2							
1846	OEP-DGN-FC-DG3U2 OEP-DGN-FC-DG3U2	DG3U2 DIESEL GEN #3	UNAVAIL	ALIGNED		DGN	OEP TO UNIT 2	FC	
1847	OEP-DGN-FR-6HDG1 OEP-DGN-FR-6HDG1	6HDG1 DG 1	FAILS TO RUN 6 HRS			DGN	OEP	FR	
1848	OEP-DGN-FR-6HDG2 OEP-DGN-FR-6HDG2	6HDG2 DG 2	FAILS TO RUN 6 HRS			DGN	OEP	FR	
1849	OEP-DGN-FR-6HDG3 OEP-DGN-FR-6HDG3	6HDG3 DG 3	FAILS TO RUN 6 HRS			DGN	OEP	FR	
1850	OEP-DGN-FR-DG01 OEP-DGN-FR-DG01	DG01 DG 1	FAILS TO RUN 1 HR			DGN	OEP	FR	
1851	OEP-DGN-FR-DG02 OEP-DGN-FR-DG02	DG02 DG 2	FAILS TO RUN 1 HR			DGN	OEP	FR	
1852	OEP-DGN-FR-DG03 OEP-DGN-FR-DG03	DG03 DG 3	FAILS TO RUN 1 HR			DGN	OEP	FR	
1853	OEP-DGN-FS OEP-DGN-FS	DIESEL GENERATOR FAILS TO START					DGN	OEP FS	
1854	OEP-DGN-FS-DG01 OEP-DGN-FS-DG01	DG01 DIESEL GENERATOR #1	FAILS TO START					DGN	OEP FS
1855	OEP-DGN-FS-DG02 OEP-DGN-FS-DG02	DG02 DIESEL GENERATOR #2	FAILS TO START					DGN	OEP FS
1856	OEP-DGN-FS-DG03 OEP-DGN-FS-DG03	DG03 DIESEL GENERATOR #3	FAILS TO START					DGN	OEP FS

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1857	OEP-DGN-MA-DG01 OEP-DGN-MA-DG01						TEST AND MAINTENANCE ON DIESEL GENERATOR 1 - STATE 6	
1858	OEP-DGN-MA-DG02 OEP-DGN-MA-DG02	DG02			DGN	OEP	TEST AND MAINTENANCE ON DIESEL GENERATOR 2	MA
1859	OEP-DGN-MA-DG03 OEP-DGN-MA-DG03						TEST AND MAINTENANCE ON DIESEL GENERATOR 3	
1860	OEP-DGN-MA0DG01 OEP-DGN-MA0DG01						TEST AND MAINTENANCE ON DIESEL GENERATOR 1 - STATE 10	
1861	OEP-DGN-MA0DG03 OEP-DGN-MA0DG03						TEST AND MAINTENANCE ON DIESEL GENERATOR 3 - STATE 10	
1862	OSR-CCF-FS-RS2AB OSR-CCF-FS-RS2AB	RS2AB			CCF	OSR	COMMON CAUSE FAIL TO START OSR MDPS	FS
1863	OSR-CKV-FT-CV11 OSR-CKV-FT-CV11	CV11			CKV	OSR	CHECK VALVE CV11 FAILS TO OPEN	FT
1864	OSR-CKV-FT-CV17 OSR-CKV-FT-CV17	CV17			CKV	OSR	CHECK VALVE CV17 FAILS TO OPEN	FT
1865	OSR-MDP-FR-A24HR OSR-MDP-FR-A24HR	A24HR			MDP	OSR	OSR MDP RS2A FAILS TO RUN 24 HOURS	FR
1866	OSR-MDP-FR-B24HR OSR-MDP-FR-B24HR	B24HR			MDP	OSR	OSR MDP RS2B FAILS TO RUN 24 HOURS	FR
1867	OSR-MDP-FS-RS2A OSR-MDP-FS-RS2A	RS2A			MDP	OSR	OSR MDP RS2A FAILS TO START ON DEMAND	FS
1868	OSR-MDP-FS-RS2B OSR-MDP-FS-RS2B	RS2B			MDP	OSR	OSR MDP RS2B FAILS TO START ON DEMAND	FS
1869	OSR-MDP-MA-RS2A OSR-MDP-MA-RS2A	RS2A			MDP	OSR	TEST AND MAINTENANCE ON OSR MDPRS2A	MA
1870	OSR-MDP-MA-RS2B OSR-MDP-MA-RS2B	RS2B			MDP	OSR	TEST AND MAINTENANCE ON OSR MDPRS2B	MA
1871	OSR-MDP-OP-2AB OSR-MDP-OP-2AB						NO OPER INIT OSR	
1872	OSR-MOV-PG-155A OSR-MOV-PG-155A	155A			MOV	OSR	OSR MOTOR OPER VALVE 155A PLUGGED	PG

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1873	OSR-MOV-PG-155B OSR-MOV-PG-155B	155B OSR MOTOR OPER VALVE		155B	MOV PLUGGED	OSR		PG
1874	OSR-MOV-PG-156A OSR-MOV-PG-156A	156A OSR MOTOR OPER VALVE		156A	MOV PLUGGED	OSR		PG
1875	OSR-MOV-PG-156B OSR-MOV-PG-156B	156B OSR MOTOR OPER VALVE		156B	MOV PLUGGED	OSR		PG
1876	OSR-STR-PG-RS2A OSR-STR-PG-RS2A	RS2A OSR MDP RS2A SUMP STRAINER			STR PLUGGED	OSR		PG
1877	OSR-STR-PG-RS2B OSR-STR-PG-RS2B	RS2B OSR MDP RS2B SUMP STRAINER			STR PLUGGED	OSR		PG
1878	OSR-TRA-MA OSR-TRA-MA	TRAIN A MAINT UNAV.						
1879	PCS-AOV-FT-BYP-A PCS-AOV-FT-BYP-A	BYPA A BYP TO TURB BYPASS			AOV FAILS TO OPEN	PCS		FT
1880	PCS-AOV-FT-BYP-B PCS-AOV-FT-BYP-B	BYPB B BYP TO TURB BYPASS			AOV FAILS TO OPEN	PCS		FT
1881	PCS-AOV-FT-BYPA PCS-AOV-FT-BYPA	BYPA A BYPASS VALVE FAIL			AOV TCV 107/8 A	PCS		FT
1882	PCS-AOV-FT-BYPB PCS-AOV-FT-BYPB	BYPB B BYPASS VALVE FAIL			AOV TCV 107/8B	PCS		FT
1883	PCS-AOV-FT-MSTVA PCS-AOV-FT-MSTVA	MSTVA A BYPASS VALVE TCV 105/6 A			AOV FAILS TO OPEN	PCS		FT
1884	PCS-AOV-FT-MSTVB PCS-AOV-FT-MSTVB	MSTVB B BYPASS VALVE TCV 105/6 B			AOV FAILS TO OPEN	PCS		FT
1885	PCS-AOV-PG-BYP-A PCS-AOV-PG-BYP-A	BYPA A BYP TO TURB BYPASS			AOV PLUGGED	PCS		PG
1886	PCS-AOV-PG-BYP-B PCS-AOV-PG-BYP-B	BYPB B BYP TO TURB BYPASS			AOV PLUGGED	PCS		PG
1887	PCS-AOV-PG-BYPA PCS-AOV-PG-BYPA	A BYPASS		TCV 107/8 A	PLUGGED			
1888	PCS-AOV-PG-BYPB PCS-AOV-PG-BYPB	B BYPASS		TCV 107/8B	PLUGGED			

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1889	PCS-AOV-PG-MSTVA PCS-AOV-PG-MSTVA	MSTVA A BYPASS VALVE	TCV	105/6 A	AOV PLUGGED	PCS		PG
1890	PCS-AOV-PG-MSTVB PCS-AOV-PG-MSTVB	MSTVB B BYPASS VALVE	TCV	105/6 B	AOV PLUGGED	PCS		PG
1891	PCS-CCF-FT-TRBYP PCS-CCF-FT-TRBYP	TRBYP cc failure of bypass valves			CCF	PCS		FT
1892	PORV-BLK PORV-BLK				PRV PROB OF SG PORV BLOCKED PRIOR TO INITIATOR			
1893	PORV-NOT-BLK PORV-NOT-BLK				PRV PROB OF SG PORV NOT BLOCKED PRIOR TO INITIATOR			
1894	PORV-PATH-CLSD PORV-PATH-CLSD				porv pathway closed			
1895	PORV1 PORV1				DE FAIL TO CLOSE BOTH PORVS			
1896	PORV2 PORV2				DE FAILURE OF PORV TO OPEN			
1897	PORVSFTC PORVSFTC				DE Failure of PORVs to Close for Reflux Cooling After PRT			
1898	POS-D6 POS-D6				DE POS 6 of a Drained Maintenance Outage			
1899	POS-R10 POS-R10				DE POS 10 of a Refueling Outage			
1900	POS-R6 POS-R6				DE POS 6 of a Refueling Outage			
1901	PPS-AOV-OC-1455C PPS-AOV-OC-1455C				PORV TRANSFERS CLOSED			
1902	PPS-CCF-FT-15356 PPS-CCF-FT-15356	15356 COMMON CAUSE			CCF FAILURE OF PORV BLOCKING VALVES	PPS		FT
1903	PPS-CCF-FT-PORV PPS-CCF-FT-PORV	PORV COMMON CAUSE			CCF FAILURE OF THE PORVS TO OPEN	PPS		FT
1904	PPS-CCF-FT-SRVS PPS-CCF-FT-SRVS	SRVS COMMON CAUSE			CCF FAILURE OF RCS SRVS TO OPEN	PPS		FT

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1905	PPS-MOV-FC-1535 PPS-MOV-FC-1535	1535 BLOCK VALVE	MOV	1535 SHUT DUE TO LEAKING	MOV	PPS	PORV	FC
1906	PPS-MOV-FC-1536 PPS-MOV-FC-1536	1536 BLOCK VALVE	MOV	1536 SHUT DUE TO LEAKING	MOV	PPS	PORV	FC
1907	PPS-MOV-FC-OPER PPS-MOV-FC-OPER	OPER OP FAILS TO CLOSE		RCS PORV	MOV	PPS	BLK VLV	FC
1908	PPS-MOV-FT PPS-MOV-FT			PORV BLOCK VALVE FAILS TO OPEN	MOV	PPS		FT
1909	PPS-MOV-FT-1535 PPS-MOV-FT-1535	1535 PORV BLOCK VALVE		1535 FAILS TO OPEN	MOV	PPS		FT
1910	PPS-MOV-FT-1536 PPS-MOV-FT-1536	1536 PORV BLOCK VALVE		1536 FAILS TO OPEN	MOV	PPS		FT
1911	PPS-MOV-MA-1536 PPS-MOV-MA-1536			PORV BLOCK VALVE IN MAINTENANCE				
1912	PPS-MOV-00-1535 PPS-MOV-00-1535	1535 PORV BLOCK VALVE		1535 FAILS TO CLOSE	MOV	PPS		00
1913	PPS-MOV-00-1536 PPS-MOV-00-1536	1536 PORV BLOCK VALVE		1536 FAILS TO CLOSE	MOV	PPS		00
1914	PPS-MOV-PG-1535 PPS-MOV-PG-1535	1535 PORV BLOCK VALVE		1535 PLUGGED	MOV	PPS		PG
1915	PPS-MOV-PG-1536 PPS-MOV-PG-1536	1536 PORV BLOCK VALVE		1536 PLUGGED	MOV	PPS		PG
1916	PPS-OP-SET-SD PPS-OP-SET-SD			OPERS DON'T SET PORVS				
1917	PPS-PCV-MA-1455C PPS-PCV-MA-1455C			TEST AND MAINTENANCE ON PORV 1455C - STATE 6				
1918	PPS-PCV-MA-1456 PPS-PCV-MA-1456			TEST AND MAINTENANCE ON PORV 1456 - STATE 6				
1919	PPS-PCV-MA01455C PPS-PCV-MA01455C			TEST AND MAINTENANCE ON PORV 1455C - STATE 10				
1920	PPS-PCV-MA01456 PPS-PCV-MA01456			TEST AND MAINTENANCE ON PORV 1456 - STATE 10				

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1921	PPS-SOV-FT PPS-SOV-FT	PORV PCV	FAILS TO OPEN ON DEMAND		SOV	PPS		FT
1922	PPS-SOV-FT-1455C PPS-SOV-FT-1455C	1455C PORV PCV1455C	FAILS TO OPEN ON DEMAND		SOV	PPS		FT
1923	PPS-SOV-FT-1456 PPS-SOV-FT-1456	1456 PORV [CV1456	FAILS TO OPEN ON DEMAND		SOV	PPS		FT
1924	PPS-SOV-00-1455C PPS-SOV-00-1455C	1455C PORV PCV1455C	FAILS TO RECLOSE		SOV	PPS		00
1925	PPS-SOV-00-1456 PPS-SOV-00-1456	1456 PORV PCV1456	FAILS TO RECLOSE		SOV	PPS		00
1926 0	PPS-SRV-FT-1551A PPS-SRV-FT-1551A	1551A SAFETY RELIEF VALVE	1551A FAILS TO OPEN		SRV	PPS	SAFETY RELIEF	FT
1927 0	PPS-SRV-FT-1551B PPS-SRV-FT-1551B	1551B SAFETY RELIEF VALVE	1551B FAILS TO OPEN		SRV	PPS	SAFETY RELIEF	FT
1928 0	PPS-SRV-FT-1551C PPS-SRV-FT-1551C	1551C SAFETY RELIEF VALVE	1551C FAILS TO OPEN		SRV	PPS	SAFETY RELIEF	FT
1929	PPS-XHE-FO-1PORV PPS-XHE-FO-1PORV	1PORV FAILURE OF THE OP TO OPEN ONE PORV			XHE	PPS		FO
1930	PPS-XHE-FO-EMBOR PPS-XHE-FO-EMBOR	EMBOR OPER FAILS TO CORRECTLY PERFORM EMERG BORATION			XHE	PPS		FO
1931	PPS-XHE-FO-PORVS PPS-XHE-FO-PORVS	PORVS FAILURE OF THE OPERATOR TO OPEN BOTH PORVS			XHE	PPS		FO
1932	PPS-XHE-FO-UNBLK PPS-XHE-FO-UNBLK	UNBLK OPERATOR FAILS TO UNBLOCK RCS PORV IN ATWS			XHE	PPS		FO
1933	PROB-1HFAILEDL2 PROB-1HFAILEDL2	PROBABILITY BUS 1H DOWN IN L2						
1934	PROB-1HFAILEDL3 PROB-1HFAILEDL3	BUS 1H DOWN IN L3						
1935	PROB-RHR2A PROB-RHR2A	Probability of Over Draining during Mid-Loop						
1936	PROB-W1D6 PROB-W1D6	Probability that IE occurs in w1 given D6						

BASIC EVENTS OVERVIEW REPORT

Family: RHRTTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1937	PROB-W1D6A PROB-W1D6A	Probability that IE occurs in w1 given D6-RHR2A						
1938	PROB-W1R10 PROB-W1R10	Probability that IE occurs in w1 given R10						
1939	PROB-W1R10A PROB-W1R10A	Probability that IE occurs in w1 given R10-RHR2A						
1940	PROB-W1R6 PROB-W1R6	Probability that IE occurs in w1 given R6						
1941	PROB-W1R6A PROB-W1R6A	Probability that IE occurs in w1 given R6-RHR2A						
1942	PROB-W2D6 PROB-W2D6	Probability that IE occurs in w1 given D6						
1943	PROB-W2D6A PROB-W2D6A	Probability that IE occurs in w1 given D6-RHR2A						
1944	PROB-W2R10 PROB-W2R10	Probability that IE occurs in w1 given R10						
1945	PROB-W2R10A PROB-W2R10A	Probability that IE occurs in w1 given R10-RHR2A						
1946	PROB-W2R6 PROB-W2R6	Probability that IE occurs in w1 given R6						
1947	PROB-W2R6A PROB-W2R6A	Probability that IE occurs in w1 given R6-RHR2A						
1948	PROB-W3D6 PROB-W3D6	Probability that IE occurs in w1 given D6						
1949	PROB-W3D6A PROB-W3D6A	Probability that IE occurs in w3 given D6-RHR2A						
1950	PROB-W3R10 PROB-W3R10	Probability that IE occurs in w1 given R10						
1951	PROB-W3R10A PROB-W3R10A	Probability that IE occurs in w3 given R10-RHR2A						
1952	PROB-W3R6 PROB-W3R6	Probability that IE occurs in w1 given R6						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1953	PROB-W3R6A PROB-W3R6A							
		Probability that IE occurs in w3 given R6-RHR2A						
1954	PROB-W4D6 PROB-W4D6							
		Probability that IE occurs in w1 given D6						
1955	PROB-W4D6A PROB-W4D6A							
		Probability that IE occurs in W4 given D6-RHR2A						
1956	PROB-W4R10 PROB-W4R10							
		Probability that IE occurs in w1 given R10						
1957	PROB-W4R10A PROB-W4R10A							
		Probability that IE occurs in W4 given R10-RHR2A						
1958	PROB-W4R6 PROB-W4R6							
		Probability that IE occurs in w1 given R6						
1959	PROB-W4R6A PROB-W4R6A							
		Probability that IE occurs in W4 given R6						
1960	PZR-SV-REMOVED PZR-SV-REMOVED	PRESSURIZER	SRV	REMOVED				
1961	PZR-SV-REMOVEDW1 PZR-SV-REMOVEDW1							
		Pressurizer Safety Valves Removed in W1R						
1962	PZR-SV-REMOVEDW2 PZR-SV-REMOVEDW2							
		Pressurizer Safety Valves Removed in W2R						
1963	PZR-SV-REMOVEDW3 PZR-SV-REMOVEDW3							
		Pressurizer Safety Valves Removed in W3R						
1964	PZR-SV-REMOVEDW4 PZR-SV-REMOVEDW4							
		Pressurizer Safety Valves Removed in W4R6						
1965	QC QC							
					DE			
		RCS INTEG FAILS DUE TO PORV STUCK OPEN						
1966	QS-SB0 QS-SB0							
		SG SRV/PORV STICK OPEN DURING SBO						
1967	QS-UNIT2 QS-UNIT2							
		UNIT 2 SG RELIEF STUCK OPEN DURING SBO						
1968	R R							
					DE			
		FAILURE TO MANUALLY SCRAM THE RX						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1969	R-A1W1D6-XHE-C R-A1W1D6-XHE-C		R					
		Manual Close	1862B valve or	Use Reflux Cooling				
1970	R-A2W1D6-XHE-C R-A2W1D6-XHE-C		R					
		Manual Open	1860B Valve or	Use Reflux Cooling				
1971	R-A3W1D6-XHE-C R-A3W1D6-XHE-C		R					
		Use Reflux Cooling with 2 SGs Available in W1D6						
1972	R-A7 R-A7				DE			
1973	R-A7W2R6-XHE-C R-A7W2R6-XHE-C							
F		Use of Unit 2 Charging Pump and RWST when U1 HH Pumps						
1974	R-A8W1R6-XHE-C R-A8W1R6-XHE-C		R					
		MANUAL OPEN OR CLOSE MOV THAT FAILED IN THE WRONG POSIT						
1975	R-B1W1-123-C-C R-B1W1-123-C-C		R					
		LOSP RECOVERY ACTION						
1976	R-B1W1-13-C-C R-B1W1-13-C-C		R					
		LOSP RECOVERY ACTION						
1977	R-B1W1-3-C R-B1W1-3-C		R					
		LOSP RECOVERY ACTION						
1978	R-B1W2-123-C-A R-B1W2-123-C-A		R					
		LOSP RECOVERY ACTION						
1979	R-B1W2-13-C-C R-B1W2-13-C-C		R					
		LOSP RECOVERY ACTION						
1980	R-B1W2-23-A R-B1W2-23-A		R					
		LOSP RECOVERY ACTION						
1981	R-B1W2-23-AC R-B1W2-23-AC		R					
		LOSP RECOVERY ACTION						
1982	R-B1W3-1-G R-B1W3-1-G		R					
		LOSP RECOVERY ACTION						
1983	R-B1W3-13-G-C R-B1W3-13-G-C		R					
		LOSP RECOVERY ACTION						
1984	R-B1W3-23-A R-B1W3-23-A		R					
		LOSP RECOVERY ACTION						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
1985	R-B1W3-23-AC R-B1W3-23-AC		R					
		LOSP RECOVERY ACTION						
1986	R-B2W2-2 R-B2W2-2		R					
		LOSP RECOVERY ACTION						
1987	R-B2W3-1-G R-B2W3-1-G		R					
		LOSP RECOVERY ACTION						
1988	R-B2W3-2 R-B2W3-2		R					
		LOSP RECOVERY ACTION						
1989	R-B2W4-2 R-B2W4-2		R					
		LOSP RECOVERY ACTION						
1990	R-C1-W1D6A-XHE-R R-C1-W1D6A-XHE-R							
1991	R-C1W1D6A-XHE-R R-C1W1D6A-XHE-R		R					
R		REALISTIC MISSION TIME FOR SW10A IN MAKEUP TO RESTORE						
1992	R-C2-W2D6A-XHE-R R-C2-W2D6A-XHE-R							
1993	R-C2W2D6A-XHE-R R-C2W2D6A-XHE-R		R					
		REALISTIOC MISSION TIME FOR SW10A TO MAKEUP FOR RESTORE						
1994	R-D1W2R6-XHE-C R-D1W2R6-XHE-C		R					
		U2 CHG PUMP AND RWST IN W2 WITH MAINTENANCE OF ISR OSR						
1995	R-E1 R-E1				DE			
1996	R-E1W2D6-XHE-C R-E1W2D6-XHE-C		R					
		U2 AFW OR U2 CHG AND RWST WITH MA-FW3B						
1997	R-H1W1DR6-XHE-F R-H1W1DR6-XHE-F		R					
		ALLOW RESTORING RHR GIVEN A 2A OR 2B WITH LOW RWST INVE						
1998	R-L1-XHE-S R-L1-XHE-S							
		OPERATOR FAILS TO RECOVER COMPRESSED AIR IN L1						
1999	R-L1W1-1-C R-L1W1-1-C		R					
		LOSP RECOVERY ACTION						
2000	R-L2-XHE-S R-L2-XHE-S							
		LOSP RECOVERY ACTION						

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Family: RHRTTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2001	R-L2W1-1-C R-L2W1-1-C		R					
		LOSP RECOVERY ACTION						
2002	R-L2W1-1-C-F R-L2W1-1-C-F		R					
		LOSP RECOVERY ACTION						
2003	R-L2W1-123-C-A R-L2W1-123-C-A		R					
		LOSP RECOVERY ACTION						
2004	R-L2W1-123-C-C R-L2W1-123-C-C		R					
		LOSP RECOVERY ACTION						
2005	R-L2W1-13-C-C R-L2W1-13-C-C		R					
		LOSP RECOVERY ACTION						
2006	R-L2W1-13-C-C-F R-L2W1-13-C-C-F		R					
		LOSP RECOVERY ACTION						
2007	R-L2W2-123-C-A R-L2W2-123-C-A							
		LOSP RECOVERY ACTION						
2008	R-L2W2-123-C-A-F R-L2W2-123-C-A-F		R					
		LOSP RECOVERY ACTION						
2009	R-L2W2-123-C-C R-L2W2-123-C-C							
		LOSP RECOVERY ACTION						
2010	R-L2W2-123-C-C-F R-L2W2-123-C-C-F							
		LOSP RECOVERY ACTION						
2011	R-L2W2-13-C-C R-L2W2-13-C-C							
		LOSP RECOVERY ACTION						
2012	R-L2W2-13-C-C-F R-L2W2-13-C-C-F		R					
		LOSP RECOVERY ACTION						
2013	R-L2W2-13-G-C R-L2W2-13-G-C							
		LOSP RECOVERY ACTION						
2014	R-L2W2-13-G-C-F R-L2W2-13-G-C-F							
		LOSP RECOVERY ACTION						
2015	R-L2W2-3-C R-L2W2-3-C							
		LOSP RECOVERY ACTION						
2016	R-L2W3-123-C-A-F R-L2W3-123-C-A-F							
		LOSP RECOVERY ACTION						

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2017	R-L2W3-123-C-C-F R-L2W3-123-C-C-F	LOSP RECOVERY ACTION						
2018	R-L2W3-13-C-C-F R-L2W3-13-C-C-F	LOSP RECOVERY ACTION						
2019	R-L2W4-13-C-C-F R-L2W4-13-C-C-F	LOSP RECOVERY ACTION	R					
2020	R-L3-XHE-S R-L3-XHE-S	OPERATOR FAILS TO RECOVER COMPRESSED AIR IN L3						
2021	R-L3W1-1-C R-L3W1-1-C	LOSP RECOVERY ACTION	R					
2022	R-L3W1-1-C-F R-L3W1-1-C-F	LOSP RECOVERY ACTION	R					
2023	R-L3W1-13-C-C R-L3W1-13-C-C	LOSP RECOVERY ACTION	R					
2024	R-L3W1-13-C-C-F R-L3W1-13-C-C-F	LOSP RECOVERY ACTION	R					
2025	R-L3W2-123-C-A R-L3W2-123-C-A	LOSP RECOVERY ACTION	R					
2026	R-L3W2-123-C-A-F R-L3W2-123-C-A-F	LOSP RECOVERY ACTION	R					
2027	R-L3W2-123-C-C R-L3W2-123-C-C	LOSP RECOVERY ACTION	R					
2028	R-L3W2-123-C-C-F R-L3W2-123-C-C-F	LOSP RECOVERY ACTION	R					
2029	R-L3W2-13-C-C R-L3W2-13-C-C	LOSP RECOVERY ACTION	R					
2030	R-L3W2-13-C-C-F R-L3W2-13-C-C-F	LOSP RECOVERY ACTION	R					
2031	R-L3W2-13-G-C R-L3W2-13-G-C	LOSP RECOVERY ACTION						
2032	R-L3W2-23-A R-L3W2-23-A	LOSP RECOVERY ACTION						

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Family: RHRTST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2033	R-L3W2-23-A-F R-L3W2-23-A-F	LOSP RECOVERY ACTION						
2034	R-L3W3-123-C-A-F R-L3W3-123-C-A-F	LOSP RECOVERY ACTION						
2035	R-L3W3-123-C-C-F R-L3W3-123-C-C-F	LOSP RECOVERY ACTION						
2036	R-L3W3-13-C-C-F R-L3W3-13-C-C-F	LOSP RECOVERY ACTION	R					
2037	R-L3W3-23-A-F R-L3W3-23-A-F	LOSP RECOVERY ACTION						
2038	R-L3W4-13-C-C-F R-L3W4-13-C-C-F	LOSP RECOVERY ACTION	R					
2039	R-LOSP-DG01 R-LOSP-DG01	Loss of offsite power occurs with 3 hrs of IE	R					
2040	R-R3D6-H-FLV-3 R-R3D6-H-FLV-3	Duration of POS 6 of Refueling Outage	R					
2041	R-R3D6-H-FTM-3 R-R3D6-H-FTM-3	Operator Failure to Establish Feed an Bleed POS 6 Drain	R					
2042	R-R3R10-H-FLV-6 R-R3R10-H-FLV-6 R	Operator Failure to Establish Feed an Bleed POS 10 of	R					
2043	R-R3R6-H-FLV-8 R-R3R6-H-FLV-8	Loops Isolated in POS 6 Refuleing	R					
2044	R-R3R6-H-FTM-8 R-R3R6-H-FTM-8	Loops Isolated in POS 6 Refuleing	R					
2045	R-R3R6-XHE-G-4 R-R3R6-XHE-G-4	Failure to Recover Given Successful Gravity Feed-RAR6						
2046	R-R4R10-H-FLV-6 R-R4R10-H-FLV-6 R	Operator Failure to Establish Feed an Bleed POS 10 of	R					
2047	R-R4R6-XHE-G-5 R-R4R6-XHE-G-5	Failure to Recover Given Successful Gravity Feed-RAR6						
2048	R-R5D6-H-D-4 R-R5D6-H-D-4	Failure to Diagnose Recoverable Loss of RHR in POS 6 of	R					

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2049	R-R5R6-XHE-G-5 R-R5R6-XHE-G-5							Failure to Recover Given Successful Gravity Feed-RAR6
2050	R-RAD6-H-2CH-6 R-RAD6-H-2CH-6		R					Failure to Restore RHR given RHR2A in POS 6 of Refueli
2051	R-RAD6-H-D-6 R-RAD6-H-D-6		R					Failure to Diagnose an Over Draining Event in POS 6 of
2052	R-RAD6-H-FLV-6 R-RAD6-H-FLV-6		R					FAILURE TO OPEN MOV 1890B
2053	R-RAR10-H-2CH-12 R-RAR10-H-2CH-12		R					Probability of POS 10 Given Refueling Outage
2054	R-RAR10-H-FLV-10 R-RAR10-H-FLV-10		R					Probability of POS 10 Given Refueling Outage
2055	R-RAR10-H-FLV-12 R-RAR10-H-FLV-12		R					TEST AND MAINTENANCE ON LPI MDPSI1A - STATE 6
2056	R-RAR6-H-2CH-16 R-RAR6-H-2CH-16		R					Probability of Over Draining to Midloop
2057	R-RAR6-H-FLV-13 R-RAR6-H-FLV-13		R					Probability of Over Draining to Midloop
2058	R-RAR6-H-FLV-16 R-RAR6-H-FLV-16		R					Probability of Over Draining to Midloop
2059	R-RAR6-XHE-G-5 R-RAR6-XHE-G-5							Failure to Recover Given Successful Gravity Feed-RAR6
2060	R-RBD6-H-D-6 R-RBD6-H-D-6		R					Duration of POS 6 of Refueling Outage
2061	R-RBD6-H-FLV-6 R-RBD6-H-FLV-6		R					Duration of POS 6 of Refueling Outage
2062	R-RBR10-H-FLV-10 R-RBR10-H-FLV-10		R					Duration of POS 10 of Refueling Outage
2063	R-RBR10-H-FLV-12 R-RBR10-H-FLV-12		R					Duration of POS 10 of Refueling Outage
2064	R-RBR6-H-2CH-16 R-RBR6-H-2CH-16		R					Loops Isolated in POS 6 Refuleing

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Family: RHRTST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2065	R-RBR6-H-FLV-13 R-RBR6-H-FLV-13		R					
		Frequency of RHR2B Inventory Problem in Mid-Loop						
2066	R-RBR6-H-FLV-16 R-RBR6-H-FLV-16		R					
		Loops Isolated in POS 6 Refuleing						
2067	R-RBR6-XHE-G-5 R-RBR6-XHE-G-5							
		Failure to Recover Given Successful Gravity Feed-RAR6						
2068	R-REFLUX-D6 R-REFLUX-D6		R					
		Operator Failure to Establish Feed-an Bleed POS 6 Drain						
2069	R-REFLUX-RAD6 R-REFLUX-RAD6		R					
		Failure to Restore RHR given RHR2A in POS 6 of Refuell						
2070	R-SRR6-XHE-RC-5 R-SRR6-XHE-RC-5							
		Operator Fails to Restore Room Cooling after SR in POS						
2071	R-SRW1-XHE-RC-3 R-SRW1-XHE-RC-3							
		Operator Fails to Restore Room Cooling after SR in POS						
2072	R-SRW2-XHE-RC-3 R-SRW2-XHE-RC-3							
		Operator Fails to Restore Room Cooling after SR in POS						
2073	R-SRW3-XHE-RC-4 R-SRW3-XHE-RC-4							
		Operator Fails to Restore Room Cooling after SR in POS						
2074	R-SRW4-XHE-RC-5 R-SRW4-XHE-RC-5							
		Operator Fails to Restore Room Cooling after SR in POS						
2075	R-W1D6-XHE-A3 R-W1D6-XHE-A3							
2076	R-W1D6-XHE-A4 R-W1D6-XHE-A4							
2077	R-W1D6-XHE-C-A1 R-W1D6-XHE-C-A1	RECOVERY A1	R					
2078	R-W1D6-XHE-C-A2 R-W1D6-XHE-C-A2	RECOVERY A2	R					
2079	R-W1D6-XHE-C-A3 R-W1D6-XHE-C-A3	RECOVERY A3	R					
2080	R-W1D6-XHE-C-A4 R-W1D6-XHE-C-A4	RECOVERY A4	R					

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2081	R-W1D6-XHE-C-A5 R-W1D6-XHE-C-A5	RECOVERY	A5					
2082	R-W1R6-XHE-C-A11 R-W1R6-XHE-C-A11	RECOVERY	A11					
2083	R-W1R6-XHE-C-A12 R-W1R6-XHE-C-A12	RECOVERY	A12					
2084	R-W2D6-XHE-C-A9 R-W2D6-XHE-C-A9	RECOVERY	A9					
2085	R-W2D6-XHE-C-D2 R-W2D6-XHE-C-D2	RECOVERY	D2					
2086	R-W2D6-XHE-C-E1 R-W2D6-XHE-C-E1	RECOVERY	E1					
2087	R-W2D6-XHE-C-G1 R-W2D6-XHE-C-G1	RECOVERY	G1					
2088	R-W2D6-XHE-C-G2 R-W2D6-XHE-C-G2	RECOVERY	G2					
2089	R-W2D6-XHE-C-G3 R-W2D6-XHE-C-G3	RECOVERY	G3					
2090	R-W2D6-XHE-C-G5 R-W2D6-XHE-C-G5	RECOVERY	G5					
2091	R-W2D6-XHE-E1 R-W2D6-XHE-E1							
2092	R-W2R6-XHE-C-D2 R-W2R6-XHE-C-D2	RECOVERY	D2					
2093	R-W2R6-XHE-C-D3 R-W2R6-XHE-C-D3	RECOVERY	D3					
2094	R-W2R6-XHE-C-G1 R-W2R6-XHE-C-G1	RECOVERY	G1					
2095	R-W2R6-XHE-C-G2 R-W2R6-XHE-C-G2	RECOVERY	G2					
2096	R-W2R6-XHE-C-G3 R-W2R6-XHE-C-G3	RECOVERY	G3					

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2097	R-W2R6-XHE-C-G4 R-W2R6-XHE-C-G4	RECOVERY G4	R					
2098	R-W2R6-XHE-C-G5 R-W2R6-XHE-C-G5	RECOVERY G5	R					
2099	R-W2R6-XHE-C-G6 R-W2R6-XHE-C-G6	RECOVERY G6	R					
2100	R-WID6-XHE-C-A2 R-WID6-XHE-C-A2							
2101	RCP-LOCA-1440-90 RCP-LOCA-1440-90	1440 GPM RCP SEAL LOCA AT 90 MIN				RCP		
2102	RCP-LOCA-183-150 RCP-LOCA-183-150	183 GPM RCP SEAL LOCA AT 150 MIN				RCP		
2103	RCP-LOCA-183-210 RCP-LOCA-183-210	183 GPM RCP SEAL LOCA AT 210 MIN				RCP		
2104	RCP-LOCA-183-90 RCP-LOCA-183-90	183 GPM RCP SEAL LOCA AT 90 MIN				RCP		
2105	RCP-LOCA-467-150 RCP-LOCA-467-150	183 GPM INCREASING TO 750 GPM SEAL				RCP	LOCA	
2106	RCP-LOCA-561-150 RCP-LOCA-561-150	372 GPM INCREASING TO 750 GPM SEAL				RCP	LOCA	
2107	RCP-LOCA-750-90M RCP-LOCA-750-90M	750 GPM RCP SEAL LOCA AT 90 MIN				RCP		
2108	RCS-AOV-FT-1455A RCS-AOV-FT-1455A	1455A FAILURE OF NORMAL SPRAY VLV 1455A			AOV	RCS		FT
2109	RCS-AOV-FT-1455B RCS-AOV-FT-1455B	1455B FAILURE OF NORMAL SPRAY VLV 1455B			AOV	RCS		FT
2110	RCS-CCF-FT-455AB RCS-CCF-FT-455AB	455AB COMMON CAUSE FAILURE OF NORMAL SPRAY VLVS TO			CCF	RCS		FT
2111	RCS-FCV-FT-AUXSP RCS-FCV-FT-AUXSP	AUXSP FAILURE OF AUXILIARY SPRAY			FCV	RCS		FT
2112	RCS-MDP-FR-RCP1A RCS-MDP-FR-RCP1A	RCP1A RCP 1A FAILS TO RUN			MDP	RCS		FR

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2113	RCS-MDP-FR-RCP1C RCS-MDP-FR-RCP1C	RCP1C RCP 1C FAILS TO RUN			MDP	RCS		FR
2114	RCS-MDP-MA-RCP1B RCS-MDP-MA-RCP1B	TEST AND MAINTENANCE ON RCP 1B - STATE 10						
2115	RCS-MDP-MA-RCP1C RCS-MDP-MA-RCP1C	TEST AND MAINTENANCE ON RCP 1C - STATE 6						
2116	RCS-MDP-MAORCP1C RCS-MDP-MAORCP1C	TEST AND MAINTENANCE ON RCP 1C - STATE 10						
2117	RCS-PORV-ODMD RCS-PORV-ODMD	RCS PORV DEMAND FOR SGTR W/O DEPRESS				PRV RCS		
2118	RCS-XHE-FO-DPRES RCS-XHE-FO-DPRES	DPRES OPERATOR FAILS TO COOLDOWN AND DEPRESS				XHE RCS		FO
2119	RCS-XHE-FO-DPRT7 RCS-XHE-FO-DPRT7	DPRT7 OPERATOR FAILS COOLDOWN AND DPRES FOR SGTR				XHE RCS		FO
2120	RCS-XHE-FO-DPT7D RCS-XHE-FO-DPT7D	DPT7D OP FAILS TO DPRESS/CLDN RCS FOR T7-D1				XHE RCS		FO
2121	REC-XHE-FO-DGEN REC-XHE-FO-DGEN	DGEN OP FAILS TO RECOVER A DG WITHIN 1 HOUR				XHE REC		FO
2122	REC-XHE-FO-DGHWB REC-XHE-FO-DGHWB	DGHWB OP FAILS TO REC A DG FM HW FAIL IN 6 HR				XHE REC		FO
2123	REC-XHE-FO-DGHWS REC-XHE-FO-DGHWS	DGHWS OP FAILS TO REC A DG FM HW FAIL IN 3 HR				XHE REC		FO
2124	REC-XHE-FO-DGTMB REC-XHE-FO-DGTMB	DGTMB OP FAILS TO REC A DG FM TM FAIL IN 6 HR				XHE REC		FO
2125	REC-XHE-FO-DGTMS REC-XHE-FO-DGTMS	DGTMS OP FAILS TO REC A DG FM TM FAIL IN 3 HR				XHE REC		FO
2126	REC-XHE-FO-DPRES REC-XHE-FO-DPRES	DPRES OP FAILS TO DEPRESS RCS IN REC FM SGTR				XHE REC		FO
2127	REC-XHE-FO-GAGRV REC-XHE-FO-GAGRV	GAGRV OP FAILS TO GAG SHUT STUCK OPEN RELIEF				XHE REC		FO
2128	REC-XHE-FO-SC00L REC-XHE-FO-SC00L	SC00L OP FAILS TO GET RCP SEAL COOL DURING SBO				XHE REC		FO

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Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2129	REFLUX-W1D6 REFLUX-W1D6	UNCERTAINTY IN USE OF REFLUX IN W1D6						
2130	REFLUX-XHE-A1 REFLUX-XHE-A1	OPERATOR FAILURE TO ESTABLISH REFLUX COOLING						
2131	REFUEL REFUEL	I Frequency of Refueling						
2132	RHR-AOV-C0-1758 RHR-AOV-C0-1758	AOV 1758 opens spuriously						
2133	RHR-AOV-OC-1758 RHR-AOV-OC-1758	1758			AOV	RHR		OC
		HCV-1758 FAILS SHUT.						
2134	RHR-AOV-00-1605 RHR-AOV-00-1605	1605			AOV	RHR		OO
		FCV-1605 TRANSFERS FULLY OPEN AND REMAINS OPEN						
2135	RHR-ASF-PG-1605 RHR-ASF-PG-1605	1605			ASF	RHR		PG
		RHR FLOW ORIFICE PLUGGED.						
2136	RHR-CCF-FS-MDPAB RHR-CCF-FS-MDPAB	MDPAB			CCF	RHR		FS
		COMMON CAUSE FAILURE OF MDP 1A AND 1B TO START						
2137	RHR-CCF-FT-720AB RHR-CCF-FT-720AB	720AB			CCF	RHR		FT
		COMMON CAUSE FAILURE OF RHR MOVES 1720A 1720B						
2138	RHR-CKV-FT-CV11 RHR-CKV-FT-CV11	CV11			CKV	RHR		FT
		CHECK VALVE CV11 FAILS TO OPEN						
2139	RHR-CKV-FT-CV5 RHR-CKV-FT-CV5	CV5			CKV	RHR		FT
		CHECK VALVE CV5 FAILS TO OPEN						
2140	RHR-CKV-00-CV11 RHR-CKV-00-CV11	CV11			CKV	RHR		OO
		BACKFLOW THROUGH CV11						
2141	RHR-CKV-00-CV5 RHR-CKV-00-CV5	CV5			CKV	RHR		OO
		BACKFLOW THROUGH CV5						
2142	RHR-HTX-LK-E1A RHR-HTX-LK-E1A	E1A			HTX	RHR		LK
		RHR HEAT EXCHANGER E1A TUBE LEAKS						
2143	RHR-HTX-LK-E1B RHR-HTX-LK-E1B	E1B			HTX	RHR		LK
		RHR HEAT EXCHANGER E1B TUBE LEAKS						
2144	RHR-HTX-PG-E1A RHR-HTX-PG-E1A	E1A			HTX	RHR		PG
		RHR HEAT EXCHANGER E1A PLUGGED						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2145	RHR-HTX-PG-E1B RHR-HTX-PG-E1B	E1B RHR HEAT EXCHANGER		E1B PLUGGED.	HTX	RHR		PG
2146	RHR-MDP-FR-A24HR RHR-MDP-FR-A24HR	A24HR RHR MDP 1A FAILS TO RUN		24 HOURS	MDP	RHR		FR
2147	RHR-MDP-FR-B24HR RHR-MDP-FR-B24HR	B24HR RHR MDP 1B FAILS TO RUN		FOR 24 HOURS	MDP	RHR		FR
2148	RHR-MDP-FS-RHR1A RHR-MDP-FS-RHR1A	RHR1A RHR MDP 1A FAILS TO START		ON DEMAND	MDP	RHR		FS
2149	RHR-MDP-FS-RHR1B RHR-MDP-FS-RHR1B	RHR1B RHR MDP 1B FAILS TO START		ON DEMAND	MDP	RHR		FS
2150	RHR-MDP-MA-RHR1B RHR-MDP-MA-RHR1B	TEST AND MAINTENANCE ON RHR PUMP 1B - STATE 6						
2151	RHR-MDP-MAORHR1B RHR-MDP-MAORHR1B	TEST AND MAINTENANCE ON RHR PUMP 1B - STATE 10						
2152	RHR-MOV-FT-1700 RHR-MOV-FT-1700	1700 RHR MOV 1700 FAILS TO OPERATE		ON DEMAND	MOV	RHR		FT
2153	RHR-MOV-FT-1701 RHR-MOV-FT-1701	1701 RHR MOV 1701 FAILS TO OPEN		ON DEMAND	MOV	RHR		FT
2154	RHR-MOV-FT-1720A RHR-MOV-FT-1720A	1720A RHR MOV 1720A FAILS TO OPERATE		ON DEMAND.	MOV	RHR		FT
2155	RHR-MOV-FT-1720B RHR-MOV-FT-1720B	1720B RHR MOV 1720B FAILS TO OPERATE		ON DEMAND.	MOV	RHR		FT
2156	RHR-MOV-MA-1720A RHR-MOV-MA-1720A	TEST AND MAINTENANCE ON RHR MOV 1720A - STATE 6						
2157	RHR-MOV-MA01720A RHR-MOV-MA01720A	TEST AND MAINTENANCE ON RHR MOV 1720A - STATE 10						
2158	RHR-MOV-PG-1700 RHR-MOV-PG-1700	1700 RHR MOTOR OPERATED VALVE		1700 PLUGGED	MOV	RHR		PG
2159	RHR-MOV-PG-1701 RHR-MOV-PG-1701	1701 RHR MOTOR OPER VALVE		1701 PLUGGED	MOV	RHR		PG
2160	RHR-MOV-PG-1720A RHR-MOV-PG-1720A	1720A RHR MOTOR OPERATED VALVE		1720A PLUGGED.	MOV	RHR		PG

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2161	RHR-MOV-PG-1720B RHR-MOV-PG-1720B	1720B RHR MOTOR OPERATED VALVE 1720B PLUGGED.			MOV	RHR		PG
2162	RHR-SRV-CO-1721 RHR-SRV-CO-1721	1721 SRV-1721 RELIEF VALVE INADVERTENT OPEN.			SRV	RHR		CO
2163	RHR-XMV-FT-XV20 RHR-XMV-FT-XV20	Manual Valve RH-20 Fails to Open						
2164	RHR-XMV-FT-XV24 RHR-XMV-FT-XV24	Manual Valve RH-24 Fails to Open						
2165	RHR-XVM-PG-XV12 RHR-XVM-PG-XV12	XV12 MANUAL VALVE XV12 PLUGGED			XVM	RHR		PG
2166	RHR-XVM-PG-XV15 RHR-XVM-PG-XV15	XV15 MANUAL VALVE XV15 PLUGGED			XVM	RHR		PG
2167	RHR-XVM-PG-XV19 RHR-XVM-PG-XV19	XV19 MANUAL VALVE XV19 PLUGGED			XVM	RHR		PG
2168	RHR-XVM-PG-XV2 RHR-XVM-PG-XV2	XV2 MANUAL VALVE XV2 PLUGGED			XVM	RHR		PG
2169	RHR-XVM-PG-XV20 RHR-XVM-PG-XV20	XV20 MANUAL VALVE XV20 PLUGGED			XVM	RHR		PG
2170	RHR-XVM-PG-XV24 RHR-XVM-PG-XV24	XV24 MANUAL VALVE XV24 PLUGGED			XVM	RHR		PG
2171	RHR-XVM-PG-XV6 RHR-XVM-PG-XV6	XV6 MANUAL VALVE XV6 PLUGGED			XVM	RHR		PG
2172	RHR-XVM-PG-XV8 RHR-XVM-PG-XV8	XV8 MANUAL VALVE XV8 PLUGGED			XVM	RHR		PG
2173	RMT-ACT-FA-RMTSA RMT-ACT-FA-RMTSA	RMTSA NO SIGNAL FROM RMTS TRAIN A			ACT	RMT		FA
2174	RMT-ACT-FA-RMTSB RMT-ACT-FA-RMTSB	RMTSB NO SIGNAL FROM RMTS TRAIN B			ACT	RMT		FA
2175	RMT-CCF-FA-MSCAL RMT-CCF-FA-MSCAL	MSCAL COMMON CAUSE FAILURE RMT DUE TO MISCALIBRATION			CCF	RMT		FA
2176	RMT-XHE-FO-MANS1 RMT-XHE-FO-MANS1	MANS1 OP FAILS TO RECOVER RMTS ACT FAILURE			XHE	RMT		FO

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2177	RWT-TNK-LF-RWST RWT-TNK-LF-RWST	RWST			TNK	RWT		LF
		Insuff. water available from the RWST						
2178	SAS-CCF-FR-SAC1 SAS-CCF-FR-SAC1	COMMON CAUSE FAILURE OF SA COMPRESSORS TO RUN						
2179	SAS-CPS-FR-1SAC1 SAS-CPS-FR-1SAC1	SERVICE AIR COMPRESSOR 1-SA-C-1 FAILS TO RUN						
2180	SAS-CPS-FR-2SAC1 SAS-CPS-FR-2SAC1	SERVICE AIR COMPRESSOR 2-SA-C-1 FAILS TO RUN						
2181	SAS-CPS-FS-2SAC1 SAS-CPS-FS-2SAC1	SERVICE AIR COMPRESSOR 2-SA-C-1 FAILS TO START						
2182	SBO-PORV-DMD SBO-PORV-DMD				PRV			
		PER VALVE RCS PORV DEMAND PROB DURING SBO						
2183	SEMI-VIT-BUS SEMI-VIT-BUS	FAILURE OF SEMI-VITAL BUS						
2184	SGA-DRAINED-R SGA-DRAINED-R	SG A SECONDARY SIDE DRAINED						
2185	SGB-DRAINED-R SGB-DRAINED-R	SG B DRAINED						
2186	SGC-DRAINED-R SGC-DRAINED-R	SG C DRAINED						
2187	SGRT-AOV-LK-100A SGRT-AOV-LK-100A	INSTRUMENT AIR LEAKS AT TV-BD-100A						
2188	SGRT-AOV-LK-100B SGRT-AOV-LK-100B	INSTRUMENT AIR LEAK AT TV-BD-100B						
2189	SGRT-AOV-LK-100C SGRT-AOV-LK-100C	INSTRUMENT AIR LEAKS AT TV-BD-100C						
2190	SGRT-AOV-LK-100D SGRT-AOV-LK-100D	INSTRUMENT AIR LEAK AT TV-BD-100D						
2191	SGRT-AOV-LK-100E SGRT-AOV-LK-100E	INSTRUMENT AIR LEAKS AT TV-BD-100E						
2192	SGRT-AOV-LK-100F SGRT-AOV-LK-100F	INSTRUMENT AIR LEAK AT TV-BD-100F						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2193	SGRT-AOV-OC-100A SGRT-AOV-OC-100A	TV-BD-100A	TRANSFERS	CLOSED				
2194	SGRT-AOV-OC-100B SGRT-AOV-OC-100B	TV-BD-100B	TRANSFERS	CLOSED				
2195	SGRT-AOV-OC-100C SGRT-AOV-OC-100C	TV-BD-100C	TRANSFERS	CLOSED				
2196	SGRT-AOV-OC-100D SGRT-AOV-OC-100D	TV-BD-100D	TRANSFERS	CLOSED				
2197	SGRT-AOV-OC-100E SGRT-AOV-OC-100E	TV-BD-100E	TRANSFERS	CLOSED				
2198	SGRT-AOV-OC-100F SGRT-AOV-OC-100F	TV-BD-100F	TRANSFERS	CLOSED				
2199	SGRT-AOV-PG-100A SGRT-AOV-PG-100A	TV-BD-100A	PLUGGED					
2200	SGRT-AOV-PG-100B SGRT-AOV-PG-100B	TV-BD-100B	PLUGGED					
2201	SGRT-AOV-PG-100C SGRT-AOV-PG-100C	TV-BD-100C	PLUGGED					
2202	SGRT-AOV-PG-100D SGRT-AOV-PG-100D	TV-BD-100D	PLUGGED					
2203	SGRT-AOV-PG-100E SGRT-AOV-PG-100E	TV-BD-100E	PLUGGED					
2204	SGRT-AOV-PG-100F SGRT-AOV-PG-100F	TV-BD-100F	PLUGGED					
2205	SGRT-CKV-F0-CMFA SGRT-CKV-F0-CMFA	Failure of Check Valve to Chem feed to Open						
2206	SGRT-CKV-F0-CMFB SGRT-CKV-F0-CMFB	Failure of Check Valve to Chem feed to Open						
2207	SGRT-CKV-F0-CMFC SGRT-CKV-F0-CMFC	Failure of Check Valve to Chem feed to Open						
2208	SGRT-CKV-FT-RT11 SGRT-CKV-FT-RT11	RT-11 FAIL TO OPEN						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2209	SGRT-CKV-FT-RT30 SGRT-CKV-FT-RT30	RT-30	FAIL	TO OPEN				
2210	SGRT-CKV-FT-RT49 SGRT-CKV-FT-RT49	RT-49	FAIL	TO OPEN				
2211	SGRT-HTX-LK-E1A SGRT-HTX-LK-E1A	HTX RT-E1A	LEAKING					
2212	SGRT-HTX-LK-E1B SGRT-HTX-LK-E1B	HTX RT-E1B	LEAKING					
2213	SGRT-HTX-LK-E1C SGRT-HTX-LK-E1C	HTX RT-E1C	LEAKING					
2214	SGRT-HTX-MA-E1A SGRT-HTX-MA-E1A	HTX RT-E1A	IN MAINTENANCE					
2215	SGRT-HTX-MA-E1B SGRT-HTX-MA-E1B	HTX RT-E1B	IN MAINTENANCE					
2216	SGRT-HTX-MA-E1C SGRT-HTX-MA-E1C	HTX RT-E1C	IN MAINTENANCE					
2217	SGRT-HTX-PG-E1A SGRT-HTX-PG-E1A	HTX RT-E1A	PLUGGED					
2218	SGRT-HTX-PG-E1B SGRT-HTX-PG-E1B	HTX RT-E1B	PLUGGED					
2219	SGRT-HTX-PG-E1C SGRT-HTX-PG-E1C	HTX RT-E1C	PLUGGED					
2220	SGRT-MV-PG-150 SGRT-MV-PG-150	MV 150	PLUGGED					
2221	SGRT-MV-PG-160 SGRT-MV-PG-160	MV 160	PLUGGED					
2222	SGRT-MV-PG-170 SGRT-MV-PG-170	MV 170	PLUGGED					
2223	SGRT-MV-PG-BD1 SGRT-MV-PG-BD1	BD-1	PLUGGED					
2224	SGRT-MV-PG-BD11 SGRT-MV-PG-BD11	BD-11	PLUGGED					

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
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2225	SGRT-MV-PG-BD12 SGRT-MV-PG-BD12	BD-12	PLUGGED					
2226	SGRT-MV-PG-BD14 SGRT-MV-PG-BD14	BD-14	PLUGGED					
2227	SGRT-MV-PG-BD2 SGRT-MV-PG-BD2	BD-2	PLUGGED					
2228	SGRT-MV-PG-BD21 SGRT-MV-PG-BD21	BD-21	PLUGGED					
2229	SGRT-MV-PG-BD22 SGRT-MV-PG-BD22	BD-22	PLUGGED					
2230	SGRT-MV-PG-BD24 SGRT-MV-PG-BD24	BD-24	PLUGGED					
2231	SGRT-MV-PG-BD4 SGRT-MV-PG-BD4	BD-4	PLUGGED					
2232	SGRT-MV-PG-RT1 SGRT-MV-PG-RT1	RT1	PLUGGED					
2233	SGRT-MV-PG-RT13 SGRT-MV-PG-RT13	RT13	PLUGGED					
2234	SGRT-MV-PG-RT18 SGRT-MV-PG-RT18	RT18	PLUGGED					
2235	SGRT-MV-PG-RT19 SGRT-MV-PG-RT19	RT19	PLUGGED					
2236	SGRT-MV-PG-RT2 SGRT-MV-PG-RT2	RT2	PLUGGED					
2237	SGRT-MV-PG-RT20 SGRT-MV-PG-RT20	RT20	PLUGGED					
2238	SGRT-MV-PG-RT21 SGRT-MV-PG-RT21	RT21	PLUGGED					
2239	SGRT-MV-PG-RT25 SGRT-MV-PG-RT25	RT25	PLUGGED					
2240	SGRT-MV-PG-RT27 SGRT-MV-PG-RT27	RT27	PLUGGED					

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2241	SGRT-MV-PG-RT32 SGRT-MV-PG-RT32	RT32	PLUGGED					
2242	SGRT-MV-PG-RT37 SGRT-MV-PG-RT37	RT37	PLUGGED					
2243	SGRT-MV-PG-RT38 SGRT-MV-PG-RT38	RT38	PLUGGED					
2244	SGRT-MV-PG-RT39 SGRT-MV-PG-RT39	RT39	PLUGGED					
2245	SGRT-MV-PG-RT40 SGRT-MV-PG-RT40	RT40	PLUGGED					
2246	SGRT-MV-PG-RT44 SGRT-MV-PG-RT44	RT44	PLUGGED					
2247	SGRT-MV-PG-RT46 SGRT-MV-PG-RT46	RT46	PLUGGED					
2248	SGRT-MV-PG-RT51 SGRT-MV-PG-RT51	RT51,	PLUGGED					
2249	SGRT-MV-PG-RT56 SGRT-MV-PG-RT56	RT56	PLUGGED					
2250	SGRT-MV-PG-RT57 SGRT-MV-PG-RT57	RT57	PLUGGED					
2251	SGRT-MV-PG-RT6 SGRT-MV-PG-RT6	RT6	PLUGGED					
2252	SGRT-MV-PG-RT8 SGRT-MV-PG-RT8	RT8	PLUGGED					
2253	SGRT-PMP-FR-RT1A SGRT-PMP-FR-RT1A	SGRT PUMP	RT-1A FAILS TO RUN					
2254	SGRT-PMP-FR-RT1B SGRT-PMP-FR-RT1B	SGRT PUMP	RT-1B FAILS TO RUN					
2255	SGRT-PMP-FR-RT1C SGRT-PMP-FR-RT1C	SGRT PUMP	RT-1C FAILS TO RUN					
2256	SGRT-PMP-FS-RT1A SGRT-PMP-FS-RT1A	PUMP	RT-1A FAILS TO START					

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2257	SGRT-PMP-FS-RT1B SGRT-PMP-FS-RT1B	PUMP RT-1B FAILS TO START						
2258	SGRT-PMP-FS-RT1C SGRT-PMP-FS-RT1C	PUMP RT-1C FAILS TO START						
2259	SGRT-PMP-MA-RT1A SGRT-PMP-MA-RT1A	PUMP RT-1A IN MAINTENANCE						
2260	SGRT-PMP-MA-RT1B SGRT-PMP-MA-RT1B	PUMP RT-1B IN MAINTENANCE						
2261	SGRT-PMP-MA-RT1C SGRT-PMP-MA-RT1C	PUMP RT-1C IN MAINTENANCE						
2262	SGRT-SGA SGRT-SGA	SGRT A INOPERATIONAL						
2263	SGRT-SGB SGRT-SGB	SGRT B INOPERATIONAL						
2264	SGRT-SGC SGRT-SGC	SGRT C INOPERATIONAL						
2265	SGRT-XHE-FS-100 SGRT-XHE-FS-100	OPERATOR FAILS TO ALIGN SGRT SYSTEM						
2266	SGS-DRAINED-CSD SGS-DRAINED-CSD	Secondary Side of SGs Drained in POSs 6 of Drained Main						
2267	SGS-DRAINED-R SGS-DRAINED-R	Secondary Side of SGs Drained in POSs 6 or 10 or Refuel						
2268	SGTR-SGADV-ODMD SGTR-SGADV-ODMD	SGTR SG PORV DEMAND W/O DEPRESS						
2269	SGTR-SGSRV-ODMD1 SGTR-SGSRV-ODMD1	SGTR SG SRV DMD W/O DEPRESS/PORV BLOCKED						
2270	SGTR-SGSRV-ODMD2 SGTR-SGSRV-ODMD2	SGTR SG SRV DEMAND W/O DEPRESS						
2271	SIS-ACT-FA-SISA SIS-ACT-FA-SISA	SISA NO SIGNAL FROM SIS TRAIN A			ACT	SIS		FA
2272	SIS-ACT-FA-SISB SIS-ACT-FA-SISB	SISB NO SIGNAL FROM SIS TRAIN B			ACT	SIS		FA

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2273	SL SL	RCP SEAL LEAKAGE > 2 LBM/SEC/PUMP			DE			
2274	SLOCA-NRACSL-LT SLOCA-NRACSL-LT	SEAL LOCA W/ NON REC AC POWER AND SEC DEPRESS						
2275	SLOCA-NRACSL-ST SLOCA-NRACSL-ST	SEAL LOCA W/ NON REC AC POWER AND NO DEPRESS						
2276	SOLAIR-COMP SOLAIR-COMP	FAILURE OF SOLAIR DIESEL COMPRSSOR-						
2277	SP-SI-CLSI-HE SP-SI-CLSI-HE	SPURIOUS SI/CLSI SIGNAL						
2278	SSHR-AOV-XHE-105 SSHR-AOV-XHE-105	Operator Failure to Use Steam Dump to Condenser						
2279	SUMPPLUG SUMPPLUG	Containment Sump Plugged			DE			
2280	SW-AOV-FT-SW263 SW-AOV-FT-SW263	1-SW:263 FAILS CLOSED ON LOSS OF OFFSITE POWER						
2281	SW-AOV-SC-SW263 SW-AOV-SC-SW263	SOLENOID OPERATED VALVE 1-SW-263 SPURIOUSLY CLOSES						
2282	SW-CCF-AIRINJ SW-CCF-AIRINJ	AIR INJECTION TO CC HXR's			CCF	SW		
2283	SW-CCF-SC-MOV102 SW-CCF-SC-MOV102	MOVs 1-SW-MOV-102A & 102B SPURIOUS CLOSE			CCF	SW		SC
2284	SW-CKV-PG6-SW333 SW-CKV-PG6-SW333	4C CHILLER SW 1-SW-333 PLUGS DURING 6 HOUR LCO						
2285	SW-PIPE-MA-2PS3 SW-PIPE-MA-2PS3	UNSCHEDULED MAINT ON UNIT 2 SERVICE WATER SUPPLY PIPING						
2286	SW-PIPE-MA-PS4 SW-PIPE-MA-PS4	UNSCHEDULED MAINT ON UNIT 1 SERVICE WATER SUPPLY PIPING						
2287	SW-STR-PL-TS15CA SW-STR-PL-TS15CA	STRAINER TS-15C FOR TRAIN A PLUGGED DURING MISSION						
2288	SW-STR-PL-TS15CC SW-STR-PL-TS15CC	STRAINER TS-15C FOR TRAIN C PLUGGED DURING MISSION						

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2289	SW-TBFLOWDIVER SW-TBFLOWDIVER					SW	FLOW DIVERSION TO TURBINE BLDG - SW SUBSYSTEM	
2290	SWS-AOV-SC-100A SWS-AOV-SC-100A						1-SW-PCV-100A SPURIOUS CLOSED DURING MISSION	
2291	SWS-AOV-SC-100C SWS-AOV-SC-100C						1-SW-PCV-100C SPURIOUS CLOSED DURING MISSION	
2292	SWS-CCF-FT-3ABCD SWS-CCF-FT-3ABCD	3ABCD			CCF	SWS	COMMON CAUSE FAILURE OF SWS ISOL MOV 103ABCD	FT
2293	SWS-CCF-PG-TS15C SWS-CCF-PG-TS15C						CCF 3/3 PG TS-15C STRAINERS PLUG	
2294	SWS-CKV-FT-SW323 SWS-CKV-FT-SW323						CHECK VALVE 1-SW-323 FAILS TO OPEN	
2295	SWS-CKV-PG-SW313 SWS-CKV-PG-SW313						CHECK VALVE 1-SW-313 PLUGS DURING MISSION	
2296	SWS-CKV-PG-SW333 SWS-CKV-PG-SW333						CHECK VALVE 2-SW-333 PLUGS DURING MISSION	
2297	SWS-HTX-MA-E1B SWS-HTX-MA-E1B						TEST AND MAINTENANCE ON CP INTERMEDIATE 1B - STATE 10	
2298	SWS-MOV-FT-103A SWS-MOV-FT-103A	103A			MOV	SWS	SWS MOTOR OP VLV 103A FAILS TO OPEN	FT
2299	SWS-MOV-FT-103B SWS-MOV-FT-103B	103B			MOV	SWS	SWS MOTOR OP VLV 103B FAILS TO OPEN	FT
2300	SWS-MOV-FT-103C SWS-MOV-FT-103C	103C			MOV	SWS	SWS MOTOR OP VLV 103C FAILS TO OPEN	FT
2301	SWS-MOV-FT-103D SWS-MOV-FT-103D	103D			MOV	SWS	SWS MOTOR OP VLV 103D FAILS TO OPEN	FT
2302	SWS-MOV-MA-103A SWS-MOV-MA-103A						TEST AND MAINTENANCE SWS MOV 103A	
2303	SWS-MOV-MA-103B SWS-MOV-MA-103B	103B			MOV	SWS	TEST AND MAINTENANCE SWS MOV 103B	MA
2304	SWS-MOV-MA-103C SWS-MOV-MA-103C	103C			MOV	SWS	TEST AND MAINTENANCE SWS MOV 103C	MA

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2305	SWS-MOV-MA-103D SWS-MOV-MA-103D	103D TEST AND MAINTENANCE ON SWS			MOV MOV103D	SWS		MA
2306	SWS-MOV-MA-104D SWS-MOV-MA-104D	TEST AND MAINTENANCE ON SWS MOV 104D - STATE 6						
2307	SWS-MOV-MA0103A SWS-MOV-MA0103A	TEST AND MAINTENANCE SWS MOV 103A						
2308	SWS-MOV-MA0104D SWS-MOV-MA0104D	TEST AND MAINTENANCE ON SWS MOV 104D - STATE 10						
2309	SWS-MOV-OP-RSFP SWS-MOV-OP-RSFP	OPERS DON'T OPEN SW MOV						
2310	SWS-MOV-OP-RSS SWS-MOV-OP-RSS	OPER DON'T OPEN MOV						
2311	SWS-MOV-PG-104A SWS-MOV-PG-104A	104A SWS MOTOR OPER VALVE 104A			MOV PLUGGED	SWS		PG
2312	SWS-MOV-PG-104B SWS-MOV-PG-104B	104B SWS MOTOR OPER VALVE 104B			MOV PLUGGED	SWS		PG
2313	SWS-MOV-PG-104C SWS-MOV-PG-104C	104C SWS MOTOR OPER VALVE 104C			MOV PLUGGED	SWS		PG
2314	SWS-MOV-PG-104D SWS-MOV-PG-104D	104D SWS MOTOR OPER VALVE 104D			MOV PLUGGED	SWS		PG
2315	SWS-MOV-PG-105A SWS-MOV-PG-105A	105A SWS MOTOR OPER VALVE 105A			MOV PLUGGED	SWS		PG
2316	SWS-MOV-PG-105B SWS-MOV-PG-105B	105B SWS MOTOR OPER VALVE 105B			MOV PLUGGED	SWS		PG
2317	SWS-MOV-PG-105C SWS-MOV-PG-105C	105C SWS MOTOR OPER VALVE 105C			MOV PLUGGED	SWS		PG
2318	SWS-MOV-PG-105D SWS-MOV-PG-105D	105D SWS MOTOR OPER VALVE 105D			MOV PLUGGED	SWS		PG
2319	SWS-MOV-PG-106A SWS-MOV-PG-106A	106A SWS MOTOR OPER VALVE 106A			MOV PLUGGED	SWS		PG
2320	SWS-MOV-PG-106B SWS-MOV-PG-106B	106B SWS MOTOR OPER VALVE 106B			MOV PLUGGED	SWS		PG

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Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2321	SWS-PCV-FT-100B SWS-PCV-FT-100B	PRES CONTROL VALVE 1-SW-PCV-100B						FAILS TO OPEN DURING S
2322	SWS-STR-PG-TS15C SWS-STR-PG-TS15C	STRAINER TS-15C						PLUGGED DURING STANDBY
2323	SWS-XHE-AP12 SWS-XHE-AP12	OPERATOR FAILS TO IMPLEMENT AP12.00						
2324	SWS-XHE-AP12.00 SWS-XHE-AP12.00	AP-12.00 SERVICE WATER SYSTEM ABNORMAL CONDITIONS						
2325	SWS-XVM-PG-37U2 SWS-XVM-PG-37U2	37U2 MANUAL VALVE XV37 AT UNIT 2			XVM	SWS		PG
2326	SWS-XVM-PG-39U2 SWS-XVM-PG-39U2	39U2 MANUAL VALVE XV39 AT UNIT 2			XVM	SWS		PG
2327	SWS-XVM-PG-SW321 SWS-XVM-PG-SW321	GATE VALVE 1-SW-321						PLUGGED DURING STANDBY
2328	SWS-XVM-PG-SW324 SWS-XVM-PG-SW324	GATE VALVE 1-SW-324						PLUGGED DURING STANDBY
2329	SWS-XVM-PG-XV33 SWS-XVM-PG-XV33	XV33 MANUAL VALVE XV33			XVM	SWS		PG
2330	SWS-XVM-PG-XV35 SWS-XVM-PG-XV35	XV35 MANUAL VALVE XV35			XVM	SWS		PG
2331	SWS-XVM-PG-XV37 SWS-XVM-PG-XV37	XV37 MANUAL VALVE XV37			XVM	SWS		PG
2332	SWS-XVM-PG-XV39 SWS-XVM-PG-XV39	XV39 MANUAL VALVE XV39			XVM	SWS		PG
2333	TIME-T0-D6 TIME-T0-D6	Time to D6 * 1e-06						
2334	TIME-T0-R10 TIME-T0-R10	time to R10 * 1E-06						
2335	TIME-T0-R6 TIME-T0-R6	I Time to R6 * 1E-06						
2336	U2-LSW1 U2-LSW1	Harware failure of Unit 2 AFW						

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BASIC EVENTS OVERVIEW REPORT

Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2337	U2AFW-XHE-E1 U2AFW-XHE-E1							
		HEP for operator failure to use Unit 2 AFW						
2338	U2CHG U2CHG							
		Unit 2 charging pump hardware failure						
2339	U2CHG-XHE-A7 U2CHG-XHE-A7							
		HEP for Failure to use unit 2 charging pump as a recove						
2340	UNIFORM UNIFORM							
					DE			
		uniform distribution						
2341	UNIT2-LOW-POWER UNIT2-LOW-POWER							
		UNIT 2 LOW POWER INSUF STM FOR AFW TDP						
2342	UNITY UNITY							
			I					
		An initiating event with frequency equal to 1						
2343	VS-AHU-FX-VSAC6 VS-AHU-FX-VSAC6							
		FREQ OF 1-VS-AC-6 LOSS OF FUNCTION IN 1 YEAR INTERVAL						
2344	VS-AHU-LF-VSAC6 VS-AHU-LF-VSAC6							
		LOSS OF FUNCTION IN AIR HANDLING UNIT 1-VS-AC-6						
2345	VS-AHU-LF-VSAC7 VS-AHU-LF-VSAC7							
		LOSS OF FUNCTION IN AIR HANDLING UNIT 1-VS-AC-7						
2346	VS-AHU-LF7-VSAC7 VS-AHU-LF7-VSAC7							
		U1 AHU 1-VS-AC-7 LOSS OF FUNCTION DURING 7 DAY LCO						
2347	VS-AHU-MA-VSAC6 VS-AHU-MA-VSAC6							
		AIR HANDLING UNIT 1-VS-AC-6 UNSCHEDULED MAINTENANCE						
2348	VS-AHU-MA-VSAC7 VS-AHU-MA-VSAC7							
		FAN MOTOR 1-VS-FMO-7 FOR 1-VS-AC-7 UNAVAIL DUE TO MAIN						
2349	VS-BCFLOWDIVER VS-BCFLOWDIVER							
					VS			
		CHILLED WATER DIVERSION TO BEARING COOLING SYSTEM						
2350	VS-CCF-FT-PABC VS-CCF-FT-PABC							
		CCF 3/3 FR 24 HR 1-VS-P-1A B C FAIL (AIR LOW SUCTION)						
2351	VS-CHL-FR-VSE3A VS-CHL-FR-VSE3A							
		CHILLER 1-VS-E-3A FAILS TO RUN 24 HR						
2352	VS-CHL-FR-VSE3B VS-CHL-FR-VSE3B							
		CHILLER 1-VS-E-3B FAILS TO RUN 24 HR						

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BASIC EVENTS OVERVIEW REPORT

Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2353	VS-CHL-FR-VSE4A VS-CHL-FR-VSE4A	CHILLER 1-VS-E-4A						
		FAILS TO RUN FOR 24 HR MISSION						
2354	VS-CHL-FR-VSE4B VS-CHL-FR-VSE4B	CHILLER 1-VS-E-4B						
		FAILS TO RUN FOR 24 HR MISSION						
2355	VS-CHL-FR-VSE4C VS-CHL-FR-VSE4C	1-VS-E-4C						
		FAILS TO RUN FOR 6 HOUR LCO						
2356	VS-CHL-FR6-VSE4C VS-CHL-FR6-VSE4C	1-VS-E-4C						
		CHILLER FAILS TO RUN FOR 6 HOUR LCO						
2357	VS-CHL-FR7-VSE4B VS-CHL-FR7-VSE4B	1-VS-E-4B						
		CHILLER FAILS TO RUN FOR 7 DAY LCO						
2358	VS-CHL-FS-VSE4B VS-CHL-FS-VSE4B	CHILLER 1-VS-E-4B						
		FAILS TO START						
2359	VS-CHL-MA-VSE4B VS-CHL-MA-VSE4B	MAINTENANCE OF CHILLER 1-VS-E-4B						
		- STATE 6						
2360	VS-CHL-MAOVSE4B VS-CHL-MAOVSE4B	MAINTENANCE OF CHILLER 1-VS-E-4B						
		- STATE 6						
2361	VS-CKV-FT-VS292 VS-CKV-FT-VS292	CHECK VALVE 1-VS-292						
		FAILS CLOSED DURING STANDBY						
2362	VS-CKV-PG-VS271 VS-CKV-PG-VS271	CHILLER 1-VS-E-3B						
		CHECK VALVE 1-VS-271 DURING 24 HR						
2363	VS-CKV-PG-VS276 VS-CKV-PG-VS276	CHILLER 1-VS-E-3A						
		CHECK VALVE 1-VS-276 PLUGS DURING 24						
2364	VS-CKV-PG-VS288 VS-CKV-PG-VS288	CHECK VALVE 1-VS-288						
		PLUGS DURING MISSION						
2365	VS-CKV-PG-VS296 VS-CKV-PG-VS296	CHECK VALVE 1-VS-296						
		PLUGS DURING MISSION						
2366	VS-CKV-PG6-VS296 VS-CKV-PG6-VS296	4C CHILLER CHILLED WATER 1-VS-296						
		PLUGS DURING 6 HOUR						
		L						
2367	VS-EVC-FR-VSE1A VS-EVC-FR-VSE1A	EVAPORATIVE CON- DENSER 1-VS-E-1A						
		FAILS TO RUN 24 HR						
2368	VS-EVC-FR-VSE1B VS-EVC-FR-VSE1B	EVAPORATIVE CON- DENSER 1-VS-E-1B						
		FAILS TO RUN 24 HR						

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BASIC EVENTS OVERVIEW REPORT

Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2369	VS-FMO-FR-FM06 VS-FMO-FR-FM06	1-VS-AC-6	FAN MOTOR	FAILS TO RUN	FOR MISSION	1-VS-FMO-6		
2370	VS-FMO-FR-FM07 VS-FMO-FR-FM07	1-VS-AC-7	FAN MOTOR	FAILS TO RUN	FOR MISSION	1-VS-FMO-		
2371	VS-FMO-FR7-FM07 VS-FMO-FR7-FM07	FAN MOTOR	1-VS-FMO-7	FOR 1-VS-AC-7	FAILS TO RUN	7 DAY		
L								
2372	VS-FMO-FS-FM06 VS-FMO-FS-FM06	1-VS-AC-6	FAN MOTOR	FAILS TO START	1-VS-FMO-6			
2373	VS-FMO-FS-FM07 VS-FMO-FS-FM07	FAN MOTOR	1-VS-FMO-7	FOR 1-VS-AC-7	FAILS TO START			
2374	VS-FRQ-MA-VSE4A VS-FRQ-MA-VSE4A	I	FREQ OF MAINTENANCE	TO 1ST CHILLER TRAIN	IN 1 YEAR	INTE		
2375	VS-MDF-FR-VSP1B VS-MDF-FR-VSP1B	MOTOR DRIVEN PUMP	1-VS-P-1B	FAILS TO RUN	DURING MISSION			
2376	VS-MDF-FR-VSP1C VS-MDF-FR-VSP1C	MOTOR DRIVEN PUMP	1-VS-P-1C	FAILS TO RUN				
2377	VS-MDP-FR-VSP1A VS-MDP-FR-VSP1A	MOTOR DRIVEN PUMP	1-VS-P-1A	FAILS TO RUN				
2378	VS-MDP-FR-VSP2A VS-MDP-FR-VSP2A	MOTOR DRIVEN PUMP	1-VS-P-2A	FAILS TO RUN	DURING MISSION			
2379	VS-MDP-FR-VSP2B VS-MDP-FR-VSP2B	MOTOR DRIVEN PUMP	1-VS-P-2B	FAILS TO RUN	DURING MISSION			
2380	VS-MDP-FR-VSP2C VS-MDP-FR-VSP2C	MOTOR DRIVEN PUMP	1-VS-P-2C	FAILS TO RUN	DURING MISSION			
2381	VS-MDP-FR-VSP3A VS-MDP-FR-VSP3A	CHILLER	1-VS-E-3A	PUMP	1-VS-P-3A	FAILS TO RUN	24 HR	
2382	VS-MDP-FR-VSP3B VS-MDP-FR-VSP3B	CHILLER	1-VS-E-3B	PUMPS	1-VS-P-3B	FAILS TO RUN	24 HR	
2383	VS-MDP-FR6-VSP1C VS-MDP-FR6-VSP1C	4C CHILLER SW PUMP	1-VS-P-1C	FAILS TO RUN	FOR 6 HOUR	LC		
2384	VS-MDP-FR6-VSP2C VS-MDP-FR6-VSP2C	4C CHILLER CHILLED WATER	1-VS-P-2C	PUMP	FAILS TO RUN	FO		

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BASIC EVENTS OVERVIEW REPORT

Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2385	VS-MDP-FR7-VSP1B VS-MDP-FR7-VSP1B	STANDBY 4B CHILLER	1-VS-P-1B	PUMP FAILS TO RUN FOR 7 DA				
2386	VS-MDP-FR7-VSP2B VS-MDP-FR7-VSP2B	STANDBY 4B CHILLER	1-VS-P-2B	PUMP FAILS TO RUN FOR 7 DA				
2387	VS-MDP-FS-VSP1B VS-MDP-FS-VSP1B	MOTOR DRIVEN PUMP	1-VS-P-1B	FAILS TO START FROM STANDBY				
2388	VS-MDP-FS-VSP2B VS-MDP-FS-VSP2B	MOTOR DRIVEN PUMP	1-VS-P-2B	FAILS TO START FROM STANDBY				
2389	VS-MOV-FT-PG107B VS-MOV-FT-PG107B	MOTOR OPERATED VALVE	1-PG-MOV-107B	FAILS TO OPEN				
2390	VS-MOV-SC-P107A VS-MOV-SC-P107A	MOV	1-PG-MOV-107A	SPURIOUS CLOSURES DURING MISSION				
2391	VS-MOV-SC-P107C VS-MOV-SC-P107C	MOV	1-PG-MOV-107C	SPURIOUS CLOSURES DURING MISSION				
2392	VS-MSW-NO-TRAN1 VS-MSW-NO-TRAN1	MANUAL SWITCH FAILS OPEN	TRANSFER SW 1	FOR 1-VS-E-4B				
2393	VS-SW-CO-ACGR1B VS-SW-CO-ACGR1B	MANUAL SELECTOR SWITCH FAILS OPEN	A/C GROUP 1B					
2394	VS-XHE-F0-E018 VS-XHE-F0-E018	1-E-0 RX TRIP OR SI STEP 18	VERIFY VENTILATION ALIGNMEN					
2395	VS-XHE-F0-FCA10 VS-XHE-F0-FCA10	FCA-1.00 SAFE SHUTDOWN AREA	FIRE ATTACHMENT 10 VENT (OP					
2396	VS-XVM-FT-VS247 VS-XVM-FT-VS247	GATE VALVE	1-VS-247	FAILS TO OPEN OR PLUGS (DURING SHU				
2397	VS-XVM-FT-VS251 VS-XVM-FT-VS251	GATE VALVE	1-VS-251	FAILS TO OPEN OR PLUGS (DURING SHUT				
2398	VS-XVM-PG-VS291 VS-XVM-PG-VS291	GATE VALVE	1-VS-291	PLUGS DURING STANDBY				
2399	VS-XVM-PG-VS294 VS-XVM-PG-VS294	GATE VALVE	1-VS-294	PLUGS DURING STANDBY				
2400	WINDOW1 WINDOW1	Time Window	1-House Event					

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BASIC EVENTS OVERVIEW REPORT

Family: RHRTEST

Event Number	Primary Name Secondary Name	Comp. ID Descript.	Init/ Hazard	Process Flag	Type	System	Location	Fail Mode
2401	WINDOW2 WINDOW2	Time Window 2-House Event						
2402	WINDOW3 WINDOW3	Time Window 1-House Event						
2403	WINDOW4 WINDOW4	Time Window 2-House Event						
2404	Z Z	DE UNFAVORABLE MODERATOR TEMP COEFFICIENT						
2405	Z1 Z1	DE VERY LOW MODERATOR TEMP COEFFICIENT						

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APPENDIX G.2
Basic Event Probability Report

BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1	2E31III	1	1.400E-004	+0.000E+000	+0.000E+000
2	2E41IV	1	1.400E-004	+0.000E+000	+0.000E+000
3	2EH1-1	1	4.300E-004	+0.000E+000	+0.000E+000
4	2EH1L2	1	1.810E-001	+0.000E+000	+0.000E+000
5	2EHL2	1	1.810E-001	+0.000E+000	+0.000E+000
6	2EJ1-1	1	4.300E-004	+0.000E+000	+0.000E+000
7	A-4KD6-XHE-R-4	1	1.000E+000	+0.000E+000	+0.000E+000
8	A-4KW1-XHE-C-13	1	1.000E-003	+0.000E+000	+0.000E+000
9	A-4KW1-XHE-C-18	1	1.000E-003	+0.000E+000	+0.000E+000
10	A-4KW1-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
11	A-4KW1-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
12	A-4KW1-XHE-FH-10	1	5.000E-005	+0.000E+000	+0.000E+000
13	A-4KW1-XHE-FH-14	1	5.000E-005	+0.000E+000	+0.000E+000
14	A-4KW1-XHE-FH-19	1	5.000E-005	+0.000E+000	+0.000E+000
15	A-4KW1-XHE-FH-5	1	5.000E-005	+0.000E+000	+0.000E+000
16	A-4KW1-XHE-FL-10	1	6.600E-002	+0.000E+000	+0.000E+000
17	A-4KW1-XHE-FL-14	1	6.100E-002	+0.000E+000	+0.000E+000
18	A-4KW1-XHE-FL-19	1	6.100E-002	+0.000E+000	+0.000E+000
19	A-4KW1-XHE-FL-5	1	1.000E-002	+0.000E+000	+0.000E+000
20	A-4KW1-XHE-G-15	T	1.000E+000	+0.000E+000	+0.000E+000
21	A-4KW1-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
22	A-4KW1-XHE-P-13	1	1.000E-004	+0.000E+000	+0.000E+000
23	A-4KW1-XHE-P-18	1	1.000E-004	+0.000E+000	+0.000E+000
24	A-4KW1-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
25	A-4KW1-XHE-P-9	1	1.000E-004	+0.000E+000	+0.000E+000
26	A-4KW1-XHE-R-12	1	8.500E-003	+0.000E+000	+0.000E+000
27	A-4KW1-XHE-R-3	1	1.200E-003	+0.000E+000	+0.000E+000
28	A-4KW1-XHE-S1-17	1	1.000E-003	+0.000E+000	+0.000E+000
29	A-4KW1-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
30	A-4KW1-XHE-S2-17	1	8.000E-002	+0.000E+000	+0.000E+000
31	A-4KW1-XHE-S2-8	1	4.000E-002	+0.000E+000	+0.000E+000
32	A-4KW1-XHE-S3-17	T	1.000E+000	+0.000E+000	+0.000E+000
33	A-4KW1-XHE-S3-8	T	1.000E+000	+0.000E+000	+0.000E+000
34	A-4KW2-XHE-C-13	1	1.000E-003	+0.000E+000	+0.000E+000
35	A-4KW2-XHE-C-18	1	1.000E-003	+0.000E+000	+0.000E+000
36	A-4KW2-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
37	A-4KW2-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
38	A-4KW2-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
39	A-4KW2-XHE-FH-14	1	2.000E-005	+0.000E+000	+0.000E+000
40	A-4KW2-XHE-FH-19	1	2.000E-005	+0.000E+000	+0.000E+000
41	A-4KW2-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
42	A-4KW2-XHE-FL-10	1	2.000E-003	+0.000E+000	+0.000E+000
43	A-4KW2-XHE-FL-14	1	8.000E-003	+0.000E+000	+0.000E+000
44	A-4KW2-XHE-FL-19	1	1.300E-002	+0.000E+000	+0.000E+000
45	A-4KW2-XHE-FL-5	1	7.600E-004	+0.000E+000	+0.000E+000
46	A-4KW2-XHE-G-15	T	1.000E+000	+0.000E+000	+0.000E+000
47	A-4KW2-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
48	A-4KW2-XHE-P-13	1	1.000E-004	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
49	A-4KW2-XHE-P-18	1	1.000E-004	+0.000E+000	+0.000E+000
50	A-4KW2-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
51	A-4KW2-XHE-P-9	1	1.000E-004	+0.000E+000	+0.000E+000
52	A-4KW2-XHE-R-12	1	3.000E-003	+0.000E+000	+0.000E+000
53	A-4KW2-XHE-R-3	1	5.200E-004	+0.000E+000	+0.000E+000
54	A-4KW2-XHE-S1-17	1	1.000E-003	+0.000E+000	+0.000E+000
55	A-4KW2-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
56	A-4KW2-XHE-S2-17	1	5.300E-003	+0.000E+000	+0.000E+000
57	A-4KW2-XHE-S2-8	1	2.600E-003	+0.000E+000	+0.000E+000
58	A-4KW2-XHE-S3-17	T	1.000E+000	+0.000E+000	+0.000E+000
59	A-4KW2-XHE-S3-8	T	1.000E+000	+0.000E+000	+0.000E+000
60	A-4KW2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
61	A-4KW3-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
62	A-4KW3-XHE-FH-13	1	2.000E-005	+0.000E+000	+0.000E+000
63	A-4KW3-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
64	A-4KW3-XHE-FH-7	1	2.000E-005	+0.000E+000	+0.000E+000
65	A-4KW3-XHE-FL-10	1	2.000E-003	+0.000E+000	+0.000E+000
66	A-4KW3-XHE-FL-13	1	8.000E-003	+0.000E+000	+0.000E+000
67	A-4KW3-XHE-FL-4	1	7.600E-004	+0.000E+000	+0.000E+000
68	A-4KW3-XHE-FL-7	1	1.300E-002	+0.000E+000	+0.000E+000
69	A-4KW3-XHE-G-11	T	1.000E+000	+0.000E+000	+0.000E+000
70	A-4KW3-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
71	A-4KW3-XHE-R-3	1	5.200E-004	+0.000E+000	+0.000E+000
72	A-4KW3-XHE-R-9	1	3.000E-003	+0.000E+000	+0.000E+000
73	A-4KW3-XHE-S1-4	1	1.000E-003	+0.000E+000	+0.000E+000
74	A-4KW3-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
75	A-4KW3-XHE-S2-4	1	2.600E-003	+0.000E+000	+0.000E+000
76	A-4KW3-XHE-S2-8	1	5.300E-003	+0.000E+000	+0.000E+000
77	A-4KW3-XHE-S3-4	T	1.000E+000	+0.000E+000	+0.000E+000
78	A-4KW3-XHE-S3-8	T	1.000E+000	+0.000E+000	+0.000E+000
79	A-4KW4-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
80	A-4KW4-XHE-FH-13	1	2.000E-005	+0.000E+000	+0.000E+000
81	A-4KW4-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
82	A-4KW4-XHE-FH-7	1	2.000E-005	+0.000E+000	+0.000E+000
83	A-4KW4-XHE-FL-10	1	6.900E-005	+0.000E+000	+0.000E+000
84	A-4KW4-XHE-FL-13	1	1.100E-003	+0.000E+000	+0.000E+000
85	A-4KW4-XHE-FL-4	1	6.900E-005	+0.000E+000	+0.000E+000
86	A-4KW4-XHE-FL-7	1	1.100E-003	+0.000E+000	+0.000E+000
87	A-4KW4-XHE-G-11	T	1.000E+000	+0.000E+000	+0.000E+000
88	A-4KW4-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
89	A-4KW4-XHE-R-3	1	1.200E-004	+0.000E+000	+0.000E+000
90	A-4KW4-XHE-R-9	1	9.600E-004	+0.000E+000	+0.000E+000
91	A-4KW4-XHE-S1-4	1	1.000E-003	+0.000E+000	+0.000E+000
92	A-4KW4-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
93	A-4KW4-XHE-S2-4	1	1.000E-003	+0.000E+000	+0.000E+000
94	A-4KW4-XHE-S2-8	1	2.000E-003	+0.000E+000	+0.000E+000
95	A-4KW4-XHE-S3-4	T	1.000E+000	+0.000E+000	+0.000E+000
96	A-4KW4-XHE-S3-8	T	1.000E+000	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
97	A-ARW1-XHE-C-10	1	1.000E-003	+0.000E+000	+0.000E+000
98	A-ARW1-XHE-C-5	1	1.000E-003	+0.000E+000	+0.000E+000
99	A-ARW1-XHE-FH-11	1	5.000E-005	+0.000E+000	+0.000E+000
100	A-ARW1-XHE-FH-6	1	5.000E-005	+0.000E+000	+0.000E+000
101	A-ARW1-XHE-FL-11	1	6.100E-002	+0.000E+000	+0.000E+000
102	A-ARW1-XHE-FL-6	1	6.100E-002	+0.000E+000	+0.000E+000
103	A-ARW1-XHE-G-7	T	1.000E+000	+0.000E+000	+0.000E+000
104	A-ARW1-XHE-P-5	1	1.000E-004	+0.000E+000	+0.000E+000
105	A-ARW1-XHE-R-5	1	8.500E-003	+0.000E+000	+0.000E+000
106	A-ARW1-XHE-S1-10	1	8.000E-002	+0.000E+000	+0.000E+000
107	A-ARW1-XHE-S2-10	T	1.000E+000	+0.000E+000	+0.000E+000
108	A-ARW1-XHE-SF-10	1	1.000E-003	+0.000E+000	+0.000E+000
109	A-ARW2-XHE-C-10	1	1.000E-003	+0.000E+000	+0.000E+000
110	A-ARW2-XHE-C-5	1	1.000E-003	+0.000E+000	+0.000E+000
111	A-ARW2-XHE-FH-11	1	2.000E-005	+0.000E+000	+0.000E+000
112	A-ARW2-XHE-FH-6	1	2.000E-005	+0.000E+000	+0.000E+000
113	A-ARW2-XHE-FL-11	1	1.300E-002	+0.000E+000	+0.000E+000
114	A-ARW2-XHE-FL-6	1	8.000E-003	+0.000E+000	+0.000E+000
115	A-ARW2-XHE-G-7	T	1.000E+000	+0.000E+000	+0.000E+000
116	A-ARW2-XHE-P-5	1	1.000E-004	+0.000E+000	+0.000E+000
117	A-ARW2-XHE-R-5	1	3.000E-003	+0.000E+000	+0.000E+000
118	A-ARW2-XHE-S1-10	1	5.300E-003	+0.000E+000	+0.000E+000
119	A-ARW2-XHE-S2-10	T	1.000E+000	+0.000E+000	+0.000E+000
120	A-ARW2-XHE-SF-10	1	1.000E-003	+0.000E+000	+0.000E+000
121	A-ARW2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
122	A-ARW3-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
123	A-ARW3-XHE-FH-9	1	2.000E-005	+0.000E+000	+0.000E+000
124	A-ARW3-XHE-FL-5	1	8.000E-003	+0.000E+000	+0.000E+000
125	A-ARW3-XHE-FL-9	1	1.300E-002	+0.000E+000	+0.000E+000
126	A-ARW3-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
127	A-ARW3-XHE-R-5	1	3.000E-003	+0.000E+000	+0.000E+000
128	A-ARW3-XHE-S1-9	1	5.300E-003	+0.000E+000	+0.000E+000
129	A-ARW3-XHE-S2-9	T	1.000E+000	+0.000E+000	+0.000E+000
130	A-ARW3-XHE-SF-9	1	1.000E-003	+0.000E+000	+0.000E+000
131	A-ARW4-XHE-FH-6	1	2.000E-005	+0.000E+000	+0.000E+000
132	A-ARW4-XHE-FH-9	1	2.000E-005	+0.000E+000	+0.000E+000
133	A-ARW4-XHE-FL-6	1	1.100E-003	+0.000E+000	+0.000E+000
134	A-ARW4-XHE-FL-9	1	1.100E-003	+0.000E+000	+0.000E+000
135	A-ARW4-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
136	A-ARW4-XHE-R-6	1	9.600E-004	+0.000E+000	+0.000E+000
137	A-ARW4-XHE-S1-9	1	2.000E-003	+0.000E+000	+0.000E+000
138	A-ARW4-XHE-S2-9	T	1.000E+000	+0.000E+000	+0.000E+000
139	A-ARW4-XHE-SF-9	1	1.000E-003	+0.000E+000	+0.000E+000
140	A-B1W1-XHE-2CH-4	1	3.300E-001	+0.000E+000	+0.000E+000
141	A-B1W1-XHE-2CH-8	1	3.300E-001	+0.000E+000	+0.000E+000
142	A-B1W1-XHE-CW-4	1	7.500E-002	+0.000E+000	+0.000E+000
143	A-B1W1-XHE-CW-8	1	7.500E-002	+0.000E+000	+0.000E+000
144	A-B1W1-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
145	A-B1W1-XHE-S1-8	1	5.500E-001	+0.000E+000	+0.000E+000
146	A-B1W1-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
147	A-B1W1-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
148	A-B1W2-XHE-2CH-4	1	3.700E-002	+0.000E+000	+0.000E+000
149	A-B1W2-XHE-2CH-8	1	3.700E-002	+0.000E+000	+0.000E+000
150	A-B1W2-XHE-CW-4	1	1.900E-002	+0.000E+000	+0.000E+000
151	A-B1W2-XHE-CW-8	1	1.900E-002	+0.000E+000	+0.000E+000
152	A-B1W2-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
153	A-B1W2-XHE-S1-8	1	3.600E-001	+0.000E+000	+0.000E+000
154	A-B1W2-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
155	A-B1W2-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
156	A-B1W3-XHE-2CH-4	1	3.700E-002	+0.000E+000	+0.000E+000
157	A-B1W3-XHE-2CH-8	1	3.700E-002	+0.000E+000	+0.000E+000
158	A-B1W3-XHE-CW-4	1	1.900E-002	+0.000E+000	+0.000E+000
159	A-B1W3-XHE-CW-8	1	1.900E-002	+0.000E+000	+0.000E+000
160	A-B1W3-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
161	A-B1W3-XHE-S1-5	1	1.100E-001	+0.000E+000	+0.000E+000
162	A-B1W3-XHE-S2-5	T	1.000E+000	+0.000E+000	+0.000E+000
163	A-B1W3-XHE-SF-5	1	1.000E-003	+0.000E+000	+0.000E+000
164	A-B1W4-XHE-2CH-5	1	1.400E-003	+0.000E+000	+0.000E+000
165	A-B1W4-XHE-2CH-8	1	1.400E-003	+0.000E+000	+0.000E+000
166	A-B1W4-XHE-CW-5	1	7.500E-003	+0.000E+000	+0.000E+000
167	A-B1W4-XHE-CW-8	1	7.500E-003	+0.000E+000	+0.000E+000
168	A-B1W4-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
169	A-B1W4-XHE-S1-5	1	1.100E-001	+0.000E+000	+0.000E+000
170	A-B1W4-XHE-S2-5	T	1.000E+000	+0.000E+000	+0.000E+000
171	A-B1W4-XHE-SF-5	1	1.000E-003	+0.000E+000	+0.000E+000
172	A-B2W1-XHE-G-4	1	6.000E-003	+0.000E+000	+0.000E+000
173	A-B2W2-XHE-G-4	1	6.200E-004	+0.000E+000	+0.000E+000
174	A-B2W3-XHE-G-4	1	6.200E-004	+0.000E+000	+0.000E+000
175	A-B2W4-XHE-G-4	1	1.700E-004	+0.000E+000	+0.000E+000
176	A-CCW1-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
177	A-CCW1-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
178	A-CCW1-XHE-FH-10	1	5.000E-005	+0.000E+000	+0.000E+000
179	A-CCW1-XHE-FL-10	1	1.000E-002	+0.000E+000	+0.000E+000
180	A-CCW1-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
181	A-CCW1-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
182	A-CCW1-XHE-S1-8	1	4.100E-002	+0.000E+000	+0.000E+000
183	A-CCW1-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
184	A-CCW1-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
185	A-CCW2-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
186	A-CCW2-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
187	A-CCW2-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
188	A-CCW2-XHE-FL-10	1	1.200E-003	+0.000E+000	+0.000E+000
189	A-CCW2-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
190	A-CCW2-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
191	A-CCW2-XHE-S1-8	1	4.200E-002	+0.000E+000	+0.000E+000
192	A-CCW2-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
193	A-CCW2-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
194	A-CCW2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
195	A-CCW3-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
196	A-CCW3-XHE-FL-10	1	1.200E-003	+0.000E+000	+0.000E+000
197	A-CCW3-XHE-FL-5	1	1.200E-003	+0.000E+000	+0.000E+000
198	A-CCW3-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
199	A-CCW3-XHE-S1-7	1	4.200E-002	+0.000E+000	+0.000E+000
200	A-CCW3-XHE-S2-7	T	1.000E+000	+0.000E+000	+0.000E+000
201	A-CCW3-XHE-SF-7	1	1.000E-003	+0.000E+000	+0.000E+000
202	A-CCW4-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
203	A-CCW4-XHE-FL-10	1	1.200E-003	+0.000E+000	+0.000E+000
204	A-CCW4-XHE-G-6	1	1.000E+000	+0.000E+000	+0.000E+000
205	A-CCW4-XHE-S1-7	1	4.200E-002	+0.000E+000	+0.000E+000
206	A-CCW4-XHE-S2-7	T	1.000E+000	+0.000E+000	+0.000E+000
207	A-CCW4-XHE-SF-7	1	1.000E-003	+0.000E+000	+0.000E+000
208	A-L1-XHE-S	1	8.000E-004	+0.000E+000	+0.000E+000
209	A-L1W1-XHE-C-13	1	1.000E-003	+0.000E+000	+0.000E+000
210	A-L1W1-XHE-C-17	1	1.000E-003	+0.000E+000	+0.000E+000
211	A-L1W1-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
212	A-L1W1-XHE-C-8	1	1.000E-003	+0.000E+000	+0.000E+000
213	A-L1W1-XHE-FH-14	1	5.000E-005	+0.000E+000	+0.000E+000
214	A-L1W1-XHE-FH-18	1	5.000E-005	+0.000E+000	+0.000E+000
215	A-L1W1-XHE-FH-5	1	5.000E-005	+0.000E+000	+0.000E+000
216	A-L1W1-XHE-FH-9	1	5.000E-005	+0.000E+000	+0.000E+000
217	A-L1W1-XHE-FL-14	1	6.100E-002	+0.000E+000	+0.000E+000
218	A-L1W1-XHE-FL-18	1	6.100E-002	+0.000E+000	+0.000E+000
219	A-L1W1-XHE-FL-5	1	1.000E-002	+0.000E+000	+0.000E+000
220	A-L1W1-XHE-FL-9	1	6.600E-002	+0.000E+000	+0.000E+000
221	A-L1W1-XHE-G-10	T	1.000E+000	+0.000E+000	+0.000E+000
222	A-L1W1-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
223	A-L1W1-XHE-P-13	1	1.000E-004	+0.000E+000	+0.000E+000
224	A-L1W1-XHE-P-17	1	1.000E-004	+0.000E+000	+0.000E+000
225	A-L1W1-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
226	A-L1W1-XHE-P-8	1	1.000E-004	+0.000E+000	+0.000E+000
227	A-L1W1-XHE-R-4	1	1.600E-002	+0.000E+000	+0.000E+000
228	A-L1W1-XHE-S1-13	1	4.000E-002	+0.000E+000	+0.000E+000
229	A-L1W1-XHE-S1-17	1	8.000E-002	+0.000E+000	+0.000E+000
230	A-L1W1-XHE-S2-13	T	1.000E+000	+0.000E+000	+0.000E+000
231	A-L1W1-XHE-S2-17	T	1.000E+000	+0.000E+000	+0.000E+000
232	A-L1W1-XHE-SF-13	1	1.000E-003	+0.000E+000	+0.000E+000
233	A-L1W1-XHE-SF-17	1	1.000E-003	+0.000E+000	+0.000E+000
234	A-L1W2-XHE-C-13	1	1.000E-003	+0.000E+000	+0.000E+000
235	A-L1W2-XHE-C-17	1	1.000E-003	+0.000E+000	+0.000E+000
236	A-L1W2-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
237	A-L1W2-XHE-C-8	1	1.000E-003	+0.000E+000	+0.000E+000
238	A-L1W2-XHE-FH-14	1	2.000E-005	+0.000E+000	+0.000E+000
239	A-L1W2-XHE-FH-18	1	2.000E-005	+0.000E+000	+0.000E+000
240	A-L1W2-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
241	A-L1W2-XHE-FH-9	1	2.000E-005	+0.000E+000	+0.000E+000
242	A-L1W2-XHE-FL-14	1	8.000E-003	+0.000E+000	+0.000E+000
243	A-L1W2-XHE-FL-18	1	1.300E-002	+0.000E+000	+0.000E+000
244	A-L1W2-XHE-FL-5	1	7.600E-004	+0.000E+000	+0.000E+000
245	A-L1W2-XHE-FL-9	1	2.000E-003	+0.000E+000	+0.000E+000
246	A-L1W2-XHE-G-10	T	1.000E+000	+0.000E+000	+0.000E+000
247	A-L1W2-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
248	A-L1W2-XHE-P-13	1	1.000E-004	+0.000E+000	+0.000E+000
249	A-L1W2-XHE-P-17	1	1.000E-004	+0.000E+000	+0.000E+000
250	A-L1W2-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
251	A-L1W2-XHE-P-8	1	1.000E-004	+0.000E+000	+0.000E+000
252	A-L1W2-XHE-R-4	1	5.900E-003	+0.000E+000	+0.000E+000
253	A-L1W2-XHE-S1-13	1	2.600E-003	+0.000E+000	+0.000E+000
254	A-L1W2-XHE-S1-17	1	5.300E-003	+0.000E+000	+0.000E+000
255	A-L1W2-XHE-S2-13	T	1.000E+000	+0.000E+000	+0.000E+000
256	A-L1W2-XHE-S2-17	T	1.000E+000	+0.000E+000	+0.000E+000
257	A-L1W2-XHE-SF-13	1	1.000E-003	+0.000E+000	+0.000E+000
258	A-L1W2-XHE-SF-17	1	1.000E-003	+0.000E+000	+0.000E+000
259	A-L1W2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
260	A-L1W3-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
261	A-L1W3-XHE-FH-12	1	2.000E-005	+0.000E+000	+0.000E+000
262	A-L1W3-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
263	A-L1W3-XHE-FH-7	1	2.000E-005	+0.000E+000	+0.000E+000
264	A-L1W3-XHE-FL-10	1	8.000E-003	+0.000E+000	+0.000E+000
265	A-L1W3-XHE-FL-12	1	1.300E-002	+0.000E+000	+0.000E+000
266	A-L1W3-XHE-FL-4	1	7.600E-004	+0.000E+000	+0.000E+000
267	A-L1W3-XHE-FL-7	1	2.000E-003	+0.000E+000	+0.000E+000
268	A-L1W3-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
269	A-L1W3-XHE-G-8	T	1.000E+000	+0.000E+000	+0.000E+000
270	A-L1W3-XHE-R-4	1	5.900E-003	+0.000E+000	+0.000E+000
271	A-L1W3-XHE-S1-5	1	2.600E-003	+0.000E+000	+0.000E+000
272	A-L1W3-XHE-S1-8	1	5.300E-003	+0.000E+000	+0.000E+000
273	A-L1W3-XHE-S2-5	T	1.000E+000	+0.000E+000	+0.000E+000
274	A-L1W3-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
275	A-L1W3-XHE-SF-5	1	1.000E-003	+0.000E+000	+0.000E+000
276	A-L1W3-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
277	A-L1W4-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
278	A-L1W4-XHE-FH-12	1	2.000E-005	+0.000E+000	+0.000E+000
279	A-L1W4-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
280	A-L1W4-XHE-FH-8	1	2.000E-005	+0.000E+000	+0.000E+000
281	A-L1W4-XHE-FL-10	1	1.100E-003	+0.000E+000	+0.000E+000
282	A-L1W4-XHE-FL-12	1	1.100E-003	+0.000E+000	+0.000E+000
283	A-L1W4-XHE-FL-5	1	6.900E-005	+0.000E+000	+0.000E+000
284	A-L1W4-XHE-FL-8	1	6.900E-005	+0.000E+000	+0.000E+000
285	A-L1W4-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
286	A-L1W4-XHE-G-8	T	1.000E+000	+0.000E+000	+0.000E+000
287	A-L1W4-XHE-R-5	1	1.600E-003	+0.000E+000	+0.000E+000
288	A-L1W4-XHE-S1-5	1	1.000E-003	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
289	A-L1W4-XHE-S1-8	1	2.000E-003	+0.000E+000	+0.000E+000
290	A-L1W4-XHE-S2-5	T	1.000E+000	+0.000E+000	+0.000E+000
291	A-L1W4-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
292	A-L1W4-XHE-SF-5	1	1.000E-003	+0.000E+000	+0.000E+000
293	A-L1W4-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
294	A-L2-XHE-S	1	4.700E-003	+0.000E+000	+0.000E+000
295	A-L2W1-XHE-C-13	1	1.000E-003	+0.000E+000	+0.000E+000
296	A-L2W1-XHE-C-17	1	1.000E-003	+0.000E+000	+0.000E+000
297	A-L2W1-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
298	A-L2W1-XHE-C-8	1	1.000E-003	+0.000E+000	+0.000E+000
299	A-L2W1-XHE-FH-14	1	5.000E-005	+0.900E+000	+0.000E+000
300	A-L2W1-XHE-FH-18	1	5.000E-005	+0.000E+000	+0.000E+000
301	A-L2W1-XHE-FH-5	1	5.000E-005	+0.000E+000	+0.000E+000
302	A-L2W1-XHE-FH-9	1	5.000E-005	+0.000E+000	+0.000E+000
303	A-L2W1-XHE-FL-14	1	6.100E-002	+0.000E+000	+0.000E+000
304	A-L2W1-XHE-FL-18	1	6.100E-002	+0.000E+000	+0.000E+000
305	A-L2W1-XHE-FL-5	1	1.000E-002	+0.000E+000	+0.000E+000
306	A-L2W1-XHE-FL-9	1	6.600E-002	+0.000E+000	+0.000E+000
307	A-L2W1-XHE-G-10	T	1.000E+000	+0.000E+000	+0.000E+000
308	A-L2W1-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
309	A-L2W1-XHE-P-13	1	1.000E-004	+0.000E+000	+0.000E+000
310	A-L2W1-XHE-P-17	1	1.000E-004	+0.000E+000	+0.000E+000
311	A-L2W1-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
312	A-L2W1-XHE-P-8	1	1.000E-004	+0.000E+000	+0.000E+000
313	A-L2W1-XHE-R-4	1	1.600E-002	+0.000E+000	+0.000E+000
314	A-L2W1-XHE-S1-13	1	4.000E-002	+0.000E+000	+0.000E+000
315	A-L2W1-XHE-S1-17	1	8.000E-002	+0.000E+000	+0.000E+000
316	A-L2W1-XHE-S2-13	T	1.000E+000	+0.000E+000	+0.000E+000
317	A-L2W1-XHE-S2-17	T	1.000E+000	+0.000E+000	+0.000E+000
318	A-L2W1-XHE-SF-13	1	1.000E-003	+0.000E+000	+0.000E+000
319	A-L2W1-XHE-SF-17	1	1.000E-003	+0.000E+000	+0.000E+000
320	A-L2W2-XHE-C-13	1	1.000E-003	+0.000E+000	+0.000E+000
321	A-L2W2-XHE-C-17	1	1.000E-003	+0.000E+000	+0.000E+000
322	A-L2W2-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
323	A-L2W2-XHE-C-8	1	1.000E-003	+0.000E+000	+0.000E+000
324	A-L2W2-XHE-FH-14	1	2.000E-005	+0.000E+000	+0.000E+000
325	A-L2W2-XHE-FH-18	1	2.000E-005	+0.000E+000	+0.000E+000
326	A-L2W2-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
327	A-L2W2-XHE-FH-9	1	2.000E-005	+0.000E+000	+0.000E+000
328	A-L2W2-XHE-FL-14	1	8.000E-003	+0.000E+000	+0.000E+000
329	A-L2W2-XHE-FL-18	1	1.300E-002	+0.000E+000	+0.000E+000
330	A-L2W2-XHE-FL-5	1	7.600E-004	+0.000E+000	+0.000E+000
331	A-L2W2-XHE-FL-9	1	2.000E-003	+0.000E+000	+0.000E+000
332	A-L2W2-XHE-G-10	T	1.000E+000	+0.000E+000	+0.000E+000
333	A-L2W2-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
334	A-L2W2-XHE-P-13	1	1.000E-004	+0.000E+000	+0.000E+000
335	A-L2W2-XHE-P-17	1	1.000E-004	+0.000E+000	+0.000E+000
336	A-L2W2-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
337	A-L2W2-XHE-P-8	1	1.000E-004	+0.000E+000	+0.000E+000
338	A-L2W2-XHE-R-4	1	5.900E-003	+0.000E+000	+0.000E+000
339	A-L2W2-XHE-S1-13	1	2.600E-003	+0.000E+000	+0.000E+000
340	A-L2W2-XHE-S1-17	1	5.300E-003	+0.000E+000	+0.000E+000
341	A-L2W2-XHE-S2-13	T	1.000E+000	+0.000E+000	+0.000E+000
342	A-L2W2-XHE-S2-17	T	1.000E+000	+0.000E+000	+0.000E+000
343	A-L2W2-XHE-SF-13	1	1.000E-003	+0.000E+000	+0.000E+000
344	A-L2W2-XHE-SF-17	1	1.000E-003	+0.000E+000	+0.000E+000
345	A-L2W2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
346	A-L2W3-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
347	A-L2W3-XHE-FH-12	1	2.000E-005	+0.000E+000	+0.000E+000
348	A-L2W3-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
349	A-L2W3-XHE-FH-7	1	2.000E-005	+0.000E+000	+0.000E+000
350	A-L2W3-XHE-FL-10	1	8.000E-003	+0.000E+000	+0.000E+000
351	A-L2W3-XHE-FL-12	1	1.300E-002	+0.000E+000	+0.000E+000
352	A-L2W3-XHE-FL-4	1	7.600E-004	+0.000E+000	+0.000E+000
353	A-L2W3-XHE-FL-7	1	2.000E-003	+0.000E+000	+0.000E+000
354	A-L2W3-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
355	A-L2W3-XHE-G-8	T	1.000E+000	+0.000E+000	+0.000E+000
356	A-L2W3-XHE-R-4	1	5.900E-003	+0.000E+000	+0.000E+000
357	A-L2W3-XHE-S1-5	1	2.600E-003	+0.000E+000	+0.000E+000
358	A-L2W3-XHE-S1-8	1	5.300E-003	+0.000E+000	+0.000E+000
359	A-L2W3-XHE-S2-5	T	1.000E+000	+0.000E+000	+0.000E+000
360	A-L2W3-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
361	A-L2W3-XHE-SF-5	1	1.000E-003	+0.000E+000	+0.000E+000
362	A-L2W3-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
363	A-L2W4-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
364	A-L2W4-XHE-FH-12	1	2.000E-005	+0.000E+000	+0.000E+000
365	A-L2W4-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
366	A-L2W4-XHE-FH-8	1	2.000E-005	+0.000E+000	+0.000E+000
367	A-L2W4-XHE-FL-10	1	1.100E-003	+0.000E+000	+0.000E+000
368	A-L2W4-XHE-FL-12	1	1.100E-003	+0.000E+000	+0.000E+000
369	A-L2W4-XHE-FL-5	1	6.900E-005	+0.000E+000	+0.000E+000
370	A-L2W4-XHE-FL-8	1	6.900E-005	+0.000E+000	+0.000E+000
371	A-L2W4-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
372	A-L2W4-XHE-G-8	T	1.000E+000	+0.000E+000	+0.000E+000
373	A-L2W4-XHE-R-5	1	1.600E-003	+0.000E+000	+0.000E+000
374	A-L2W4-XHE-S1-5	1	1.000E-003	+0.000E+000	+0.000E+000
375	A-L2W4-XHE-S1-8	1	2.000E-003	+0.000E+000	+0.000E+000
376	A-L2W4-XHE-S2-5	T	1.000E+000	+0.000E+000	+0.000E+000
377	A-L2W4-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
378	A-L2W4-XHE-SF-5	1	1.000E-003	+0.000E+000	+0.000E+000
379	A-L2W4-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
380	A-L3-XHE-S	1	1.800E-002	+0.000E+000	+0.000E+000
381	A-L3W1-XHE-C-13	1	1.000E-003	+0.000E+000	+0.000E+000
382	A-L3W1-XHE-C-17	1	1.000E-003	+0.000E+000	+0.000E+000
383	A-L3W1-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
384	A-L3W1-XHE-C-8	1	1.000E-003	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
385	A-L3W1-XHE-CW-4	1	7.500E-002	+0.000E+000	+0.000E+000
386	A-L3W1-XHE-FH-14	1	5.000E-005	+0.000E+000	+0.000E+000
387	A-L3W1-XHE-FH-18	1	5.000E-005	+0.000E+000	+0.000E+000
388	A-L3W1-XHE-FH-5	1	5.000E-005	+0.000E+000	+0.000E+000
389	A-L3W1-XHE-FH-9	1	5.000E-005	+0.000E+000	+0.000E+000
390	A-L3W1-XHE-FL-14	1	6.100E-002	+0.000E+000	+0.000E+000
391	A-L3W1-XHE-FL-18	1	6.100E-002	+0.000E+000	+0.000E+000
392	A-L3W1-XHE-FL-5	1	1.000E-002	+0.000E+000	+0.000E+000
393	A-L3W1-XHE-FL-9	1	6.600E-002	+0.000E+000	+0.000E+000
394	A-L3W1-XHE-G-10	T	1.000E+000	+0.000E+000	+0.000E+000
395	A-L3W1-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
396	A-L3W1-XHE-P-13	1	1.000E-004	+0.000E+000	+0.000E+000
397	A-L3W1-XHE-P-17	1	1.000E-004	+0.000E+000	+0.000E+000
398	A-L3W1-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
399	A-L3W1-XHE-P-8	1	1.000E-004	+0.000E+000	+0.000E+000
400	A-L3W1-XHE-R-4	1	1.600E-002	+0.000E+000	+0.000E+000
401	A-L3W1-XHE-S1-13	1	4.000E-002	+0.000E+000	+0.000E+000
402	A-L3W1-XHE-S1-17	1	8.000E-002	+0.000E+000	+0.000E+000
403	A-L3W1-XHE-S2-13	T	1.000E+000	+0.000E+000	+0.000E+000
404	A-L3W1-XHE-S2-17	T	1.000E+000	+0.000E+000	+0.000E+000
405	A-L3W1-XHE-SF-13	1	1.000E-003	+0.000E+000	+0.000E+000
406	A-L3W1-XHE-SF-17	1	1.000E-003	+0.000E+000	+0.000E+000
407	A-L3W2-XHE-C-13	1	1.000E-003	+0.000E+000	+0.000E+000
408	A-L3W2-XHE-C-17	1	1.000E-003	+0.000E+000	+0.000E+000
409	A-L3W2-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
410	A-L3W2-XHE-C-8	1	1.000E-003	+0.000E+000	+0.000E+000
411	A-L3W2-XHE-CW-4	1	1.900E-002	+0.000E+000	+0.000E+000
412	A-L3W2-XHE-FH-14	1	2.000E-005	+0.000E+000	+0.000E+000
413	A-L3W2-XHE-FH-18	1	2.000E-005	+0.000E+000	+0.000E+000
414	A-L3W2-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
415	A-L3W2-XHE-FH-9	1	2.000E-005	+0.000E+000	+0.000E+000
416	A-L3W2-XHE-FL-14	1	8.000E-003	+0.000E+000	+0.000E+000
417	A-L3W2-XHE-FL-18	1	1.300E-002	+0.000E+000	+0.000E+000
418	A-L3W2-XHE-FL-5	1	7.600E-004	+0.000E+000	+0.000E+000
419	A-L3W2-XHE-FL-9	1	2.000E-003	+0.000E+000	+0.000E+000
420	A-L3W2-XHE-G-10	T	1.000E+000	+0.000E+000	+0.000E+000
421	A-L3W2-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
422	A-L3W2-XHE-P-13	1	1.000E-004	+0.000E+000	+0.000E+000
423	A-L3W2-XHE-P-17	1	1.000E-004	+0.000E+000	+0.000E+000
424	A-L3W2-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
425	A-L3W2-XHE-P-8	1	1.000E-004	+0.000E+000	+0.000E+000
426	A-L3W2-XHE-R-4	1	5.900E-003	+0.000E+000	+0.000E+000
427	A-L3W2-XHE-S1-13	1	2.600E-003	+0.000E+000	+0.000E+000
428	A-L3W2-XHE-S1-17	1	5.300E-003	+0.000E+000	+0.000E+000
429	A-L3W2-XHE-S2-13	T	1.000E+000	+0.000E+000	+0.000E+000
430	A-L3W2-XHE-S2-17	T	1.000E+000	+0.000E+000	+0.000E+000
431	A-L3W2-XHE-SF-13	1	1.000E-003	+0.000E+000	+0.000E+000
432	A-L3W2-XHE-SF-17	1	1.000E-003	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
433	A-L3W2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
434	A-L3W3-XHE-CW-4	1	1.900E-002	+0.000E+000	+0.000E+000
435	A-L3W3-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
436	A-L3W3-XHE-FH-12	1	2.000E-005	+0.000E+000	+0.000E+000
437	A-L3W3-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
438	A-L3W3-XHE-FH-7	1	2.000E-005	+0.000E+000	+0.000E+000
439	A-L3W3-XHE-FL-10	1	8.000E-003	+0.000E+000	+0.000E+000
440	A-L3W3-XHE-FL-12	1	1.300E-002	+0.000E+000	+0.000E+000
441	A-L3W3-XHE-FL-4	1	7.600E-004	+0.000E+000	+0.000E+000
442	A-L3W3-XHE-FL-7	1	2.000E-003	+0.000E+000	+0.000E+000
443	A-L3W3-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
444	A-L3W3-XHE-G-8	T	1.000E+000	+0.000E+000	+0.000E+000
445	A-L3W3-XHE-R-4	1	5.900E-003	+0.000E+000	+0.000E+000
446	A-L3W3-XHE-S1-12	1	1.000E+000	+0.000E+000	+0.000E+000
447	A-L3W3-XHE-S1-5	1	2.600E-003	+0.000E+000	+0.000E+000
448	A-L3W3-XHE-S1-8	1	5.300E-003	+0.000E+000	+0.000E+000
449	A-L3W3-XHE-S2-5	T	1.000E+000	+0.000E+000	+0.000E+000
450	A-L3W3-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
451	A-L3W3-XHE-SF-5	1	1.000E-003	+0.000E+000	+0.000E+000
452	A-L3W3-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
453	A-L3W4-XHE-CW-5	1	7.500E-003	+0.000E+000	+0.000E+000
454	A-L3W4-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
455	A-L3W4-XHE-FH-12	1	2.000E-005	+0.000E+000	+0.000E+000
456	A-L3W4-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
457	A-L3W4-XHE-FH-8	1	2.000E-005	+0.000E+000	+0.000E+000
458	A-L3W4-XHE-FL-10	1	1.100E-003	+0.000E+000	+0.000E+000
459	A-L3W4-XHE-FL-12	1	1.100E-003	+0.000E+000	+0.000E+000
460	A-L3W4-XHE-FL-5	1	6.900E-005	+0.000E+000	+0.000E+000
461	A-L3W4-XHE-FL-8	1	6.900E-005	+0.000E+000	+0.000E+000
462	A-L3W4-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
463	A-L3W4-XHE-G-8	T	1.000E+000	+0.000E+000	+0.000E+000
464	A-L3W4-XHE-R-5	1	1.600E-003	+0.000E+000	+0.000E+000
465	A-L3W4-XHE-S1-5	1	1.000E-003	+0.000E+000	+0.000E+000
466	A-L3W4-XHE-S1-8	1	2.000E-003	+0.000E+000	+0.000E+000
467	A-L3W4-XHE-S2-5	T	1.000E+000	+0.000E+000	+0.000E+000
468	A-L3W4-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
469	A-L3W4-XHE-SF-5	1	1.000E-003	+0.000E+000	+0.000E+000
470	A-L3W4-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
471	A-R3D6-XHE-F-3	1	4.100E-002	+0.000E+000	+0.000E+000
472	A-R3R10-XHE-F-4	1	6.900E-005	+0.000E+000	+0.000E+000
473	A-R3R10-XHE-G-4	1	1.700E-004	+0.000E+000	+0.000E+000
474	A-R3R6-XHE-F-4	1	1.200E-003	+0.000E+000	+0.000E+000
475	A-R3R6-XHE-G-5	1	1.100E-003	+0.000E+000	+0.000E+000
476	A-R3R6-XHE-S-8	1	4.200E-003	+0.000E+000	+0.000E+000
477	A-R3W1-XHE-C-3	1	1.000E-003	+0.000E+000	+0.000E+000
478	A-R3W1-XHE-C-8	1	1.000E-003	+0.000E+000	+0.000E+000
479	A-R3W1-XHE-FH-4	1	5.000E-005	+0.000E+000	+0.000E+000
480	A-R3W1-XHE-FH-9	1	5.000E-005	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
481	A-R3W1-XHE-FL-4	1	5.000E-003	+0.000E+000	+0.000E+000
482	A-R3W1-XHE-FL-9	1	1.000E-002	+0.000E+000	+0.000E+000
483	A-R3W1-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
484	A-R3W1-XHE-P-3	1	1.000E-004	+0.000E+000	+0.000E+000
485	A-R3W1-XHE-S1-8	1	4.100E-002	+0.000E+000	+0.000E+000
486	A-R3W1-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
487	A-R3W1-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
488	A-R3W2-XHE-C-3	1	1.000E-003	+0.000E+000	+0.000E+000
489	A-R3W2-XHE-C-8	1	1.000E-003	+0.000E+000	+0.000E+000
490	A-R3W2-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
491	A-R3W2-XHE-FH-9	1	2.000E-005	+0.000E+000	+0.000E+000
492	A-R3W2-XHE-FL-4	1	1.200E-003	+0.000E+000	+0.000E+000
493	A-R3W2-XHE-FL-9	1	1.200E-003	+0.000E+000	+0.000E+000
494	A-R3W2-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
495	A-R3W2-XHE-P-3	1	1.000E-004	+0.000E+000	+0.000E+000
496	A-R3W2-XHE-S1-8	1	4.200E-002	+0.000E+000	+0.000E+000
497	A-R3W2-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
498	A-R3W2-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
499	A-R3W2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
500	A-R3W3-XHE-FH-3	1	2.000E-005	+0.000E+000	+0.000E+000
501	A-R3W3-XHE-FH-7	1	2.000E-005	+0.000E+000	+0.000E+000
502	A-R3W3-XHE-FL-3	1	1.200E-003	+0.000E+000	+0.000E+000
503	A-R3W3-XHE-FL-7	1	1.200E-003	+0.000E+000	+0.000E+000
504	A-R3W3-XHE-G-4	T	1.000E+000	+0.000E+000	+0.000E+000
505	A-R3W3-XHE-S1-7	1	4.200E-002	+0.000E+000	+0.000E+000
506	A-R3W3-XHE-S2-7	T	1.000E+000	+0.000E+000	+0.000E+000
507	A-R3W3-XHE-SF-7	1	1.000E-003	+0.000E+000	+0.000E+000
508	A-R3W4-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
509	A-R3W4-XHE-FH-7	1	2.000E-005	+0.000E+000	+0.000E+000
510	A-R3W4-XHE-FL-4	1	1.200E-003	+0.000E+000	+0.000E+000
511	A-R3W4-XHE-FL-7	1	1.200E-003	+0.000E+000	+0.000E+000
512	A-R3W4-XHE-G-4	T	1.000E+000	+0.000E+000	+0.000E+000
513	A-R3W4-XHE-S1-7	1	4.200E-002	+0.000E+000	+0.000E+000
514	A-R3W4-XHE-S2-7	T	1.000E+000	+0.000E+000	+0.000E+000
515	A-R3W4-XHE-SF-7	1	1.000E-003	+0.000E+000	+0.000E+000
516	A-R4D6-XHE-F-4	1	1.000E-002	+0.000E+000	+0.000E+000
517	A-R4D6-XHE-R-4	1	1.200E-003	+0.000E+000	+0.000E+000
518	A-R4R10-XHE-F-5	1	6.900E-005	+0.000E+000	+0.000E+000
519	A-R4R10-XHE-G-5	1	1.700E-004	+0.000E+000	+0.000E+000
520	A-R4R10-XHE-R-5	1	1.200E-004	+0.000E+000	+0.000E+000
521	A-R4R6-XHE-F-5	1	7.600E-004	+0.000E+000	+0.000E+000
522	A-R4R6-XHE-F-9	1	2.000E-003	+0.000E+000	+0.000E+000
523	A-R4R6-XHE-G-6	1	6.200E-004	+0.000E+000	+0.000E+000
524	A-R4R6-XHE-R-5	1	5.200E-004	+0.000E+000	+0.000E+000
525	A-R4R6-XHE-S-9	1	2.600E-003	+0.000E+000	+0.000E+000
526	A-R4W1-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
527	A-R4W1-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
528	A-R4W1-XHE-FH-10	1	1.000E-002	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
529	A-R4W1-XHE-FH-5	1	5.000E-005	+0.000E+000	+0.000E+000
530	A-R4W1-XHE-FL-10	1	5.000E-005	+0.000E+000	+0.000E+000
531	A-R4W1-XHE-FL-5	1	5.000E-003	+0.000E+000	+0.000E+000
532	A-R4W1-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
533	A-R4W1-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
534	A-R4W1-XHE-R-4	1	1.200E-003	+0.000E+000	+0.000E+000
535	A-R4W1-XHE-S1-9	1	4.000E-002	+0.000E+000	+0.000E+000
536	A-R4W1-XHE-S2-9	T	1.000E+000	+0.000E+000	+0.000E+000
537	A-R4W1-XHE-SF-9	1	1.000E-003	+0.000E+000	+0.000E+000
538	A-R4W2-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
539	A-R4W2-XHE-C-9	1	1.200E-003	+0.000E+000	+0.000E+000
540	A-R4W2-XHE-FH-10	1	1.200E-003	+0.000E+000	+0.000E+000
541	A-R4W2-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
542	A-R4W2-XHE-FL-10	1	2.000E-005	+0.000E+000	+0.000E+000
543	A-R4W2-XHE-FL-5	1	1.200E-003	+0.000E+000	+0.000E+000
544	A-R4W2-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
545	A-R4W2-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
546	A-R4W2-XHE-R-4	1	5.200E-004	+0.000E+000	+0.000E+000
547	A-R4W2-XHE-S1-9	1	2.600E-003	+0.000E+000	+0.000E+000
548	A-R4W2-XHE-S2-9	T	1.000E+000	+0.000E+000	+0.000E+000
549	A-R4W2-XHE-SF-9	1	1.000E-003	+0.000E+000	+0.000E+000
550	A-R4W2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
551	A-R4W3-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
552	A-R4W3-XHE-FH-8	1	1.200E-003	+0.000E+000	+0.000E+000
553	A-R4W3-XHE-FL-4	1	1.200E-003	+0.000E+000	+0.000E+000
554	A-R4W3-XHE-FL-8	1	2.000E-005	+0.000E+000	+0.000E+000
555	A-R4W3-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
556	A-R4W3-XHE-R-4	1	5.200E-004	+0.000E+000	+0.000E+000
557	A-R4W3-XHE-S1-8	1	2.600E-003	+0.000E+000	+0.000E+000
558	A-R4W3-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
559	A-R4W3-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
560	A-R4W4-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
561	A-R4W4-XHE-FH-8	1	1.200E-003	+0.000E+000	+0.000E+000
562	A-R4W4-XHE-FL-5	1	1.200E-003	+0.000E+000	+0.000E+000
563	A-R4W4-XHE-FL-8	1	2.000E-005	+0.000E+000	+0.000E+000
564	A-R4W4-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
565	A-R4W4-XHE-R-5	1	1.200E-004	+0.000E+000	+0.000E+000
566	A-R4W4-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
567	A-R4W4-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
568	A-R4W4-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
569	A-R5D6-XHE-F-4	1	1.000E-002	+0.000E+000	+0.000E+000
570	A-R5D6-XHE-R-4	1	1.200E-003	+0.000E+000	+0.000E+000
571	A-R5R10-XHE-F-5	1	6.900E-005	+0.000E+000	+0.000E+000
572	A-R5R10-XHE-G-5	1	1.700E-004	+0.000E+000	+0.000E+000
573	A-R5R10-XHE-R-5	1	1.200E-004	+0.000E+000	+0.000E+000
574	A-R5R6-XHE-F-5	1	7.600E-004	+0.000E+000	+0.000E+000
575	A-R5R6-XHE-F-9	1	2.000E-003	+0.000E+000	+0.000E+000
576	A-R5R6-XHE-G-6	1	6.200E-004	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
577	A-R5R6-XHE-R-5	1	5.200E-004	+0.000E+000	+0.000E+000
578	A-R5R6-XHE-S-9	1	2.600E-003	+0.000E+000	+0.000E+000
579	A-R5W1-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
580	A-R5W1-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
581	A-R5W1-XHE-FH-10	1	1.000E-002	+0.000E+000	+0.000E+000
582	A-R5W1-XHE-FH-5	1	5.000E-005	+0.000E+000	+0.000E+000
583	A-R5W1-XHE-FL-10	1	5.000E-005	+0.000E+000	+0.000E+000
584	A-R5W1-XHE-FL-5	1	5.000E-003	+0.000E+000	+0.000E+000
585	A-R5W1-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
586	A-R5W1-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
587	A-R5W1-XHE-R-4	1	1.200E-003	+0.000E+000	+0.000E+000
588	A-R5W1-XHE-S1-9	1	4.000E-032	+0.000E+000	+0.000E+000
589	A-R5W1-XHE-S2-9	T	1.000E+000	+0.000E+000	+0.000E+000
590	A-R5W1-XHE-SF-9	1	1.000E-003	+0.000E+000	+0.000E+000
591	A-R5W2-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
592	A-R5W2-XHE-C-9	1	1.200E-003	+0.000E+000	+0.000E+000
593	A-R5W2-XHE-FH-10	1	1.200E-003	+0.000E+000	+0.000E+000
594	A-R5W2-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
595	A-R5W2-XHE-FL-10	1	2.000E-005	+0.000E+000	+0.000E+000
596	A-R5W2-XHE-FL-5	1	1.200E-003	+0.000E+000	+0.000E+000
597	A-R5W2-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
598	A-R5W2-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
599	A-R5W2-XHE-R-4	1	5.200E-004	+0.000E+000	+0.000E+000
600	A-R5W2-XHE-S1-9	1	2.600E-003	+0.000E+000	+0.000E+000
601	A-R5W2-XHE-S2-9	T	1.000E+000	+0.000E+000	+0.000E+000
602	A-R5W2-XHE-SF-9	1	1.000E-003	+0.000E+000	+0.000E+000
603	A-R5W2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
604	A-R5W3-XHE-FH-4	1	1.200E-003	+0.000E+000	+0.000E+000
605	A-R5W3-XHE-FH-8	1	1.200E-003	+0.000E+000	+0.000E+000
606	A-R5W3-XHE-FL-4	1	1.200E-003	+0.000E+000	+0.000E+000
607	A-R5W3-XHE-FL-8	1	2.000E-005	+0.000E+000	+0.000E+000
608	A-R5W3-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
609	A-R5W3-XHE-R-4	1	5.200E-004	+0.000E+000	+0.000E+000
610	A-R5W3-XHE-S1-8	1	2.600E-003	+0.000E+000	+0.000E+000
611	A-R5W3-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
612	A-R5W3-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
613	A-R5W4-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
614	A-R5W4-XHE-FH-8	1	1.200E-003	+0.000E+000	+0.000E+000
615	A-R5W4-XHE-FL-5	1	1.200E-003	+0.000E+000	+0.000E+000
616	A-R5W4-XHE-FL-8	1	2.000E-005	+0.000E+000	+0.000E+000
617	A-R5W4-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
618	A-R5W4-XHE-R-5	1	1.200E-004	+0.000E+000	+0.000E+000
619	A-R5W4-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
620	A-R5W4-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
621	A-R5W4-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
622	A-RAD6-XHE-F-4	1	1.000E-002	+0.000E+000	+0.000E+000
623	A-RAD6-XHE-F-6	1	6.600E-002	+0.000E+000	+0.000E+000
624	A-RAD6-XHE-M-6	1	1.100E-004	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
625	A-RAD6-XHE-R-4	1	1.200E-003	+0.000E+000	+0.000E+000
626	A-RAR10-XHE-F-5	1	6.900E-005	+0.000E+000	+0.000E+000
627	A-RAR10-XHE-G-10	1	2.800E-004	+0.000E+000	+0.000E+000
628	A-RAR10-XHE-G-5	1	1.700E-004	+0.000E+000	+0.000E+000
629	A-RAR10-XHE-M-10	1	6.700E-006	+0.000E+000	+0.000E+000
630	A-RAR10-XHE-R-5	1	1.200E-004	+0.000E+000	+0.000E+000
631	A-RAR6-XHE-F-13	1	3.300E-003	+0.000E+000	+0.000E+000
632	A-RAR6-XHE-F-16	1	5.400E-003	+0.000E+000	+0.000E+000
633	A-RAR6-XHE-F-5	1	7.600E-004	+0.000E+000	+0.000E+000
634	A-RAR6-XHE-F-9	1	2.000E-003	+0.000E+000	+0.000E+000
635	A-RAR6-XHE-G-13	1	9.800E-004	+0.000E+000	+0.000E+000
636	A-RAR6-XHE-G-6	1	6.200E-004	+0.000E+000	+0.000E+000
637	A-RAR6-XHE-M-12	1	2.000E-005	+0.000E+000	+0.000E+000
638	A-RAR6-XHE-R-5	1	5.200E-004	+0.000E+000	+0.000E+000
639	A-RAR6-XHE-S-16	1	6.900E-003	+0.000E+000	+0.000E+000
640	A-RAR6-XHE-S-9	1	2.600E-003	+0.000E+000	+0.000E+000
641	A-RAW1-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
642	A-RAW1-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
643	A-RAW1-XHE-FH-10	1	5.000E-005	+0.000E+000	+0.000E+000
644	A-RAW1-XHE-FH-5	1	5.000E-005	+0.000E+000	+0.000E+000
645	A-RAW1-XHE-FL-10	1	1.000E-002	+0.000E+000	+0.000E+000
646	A-RAW1-XHE-FL-5	1	5.000E-003	+0.000E+000	+0.000E+000
647	A-RAW1-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
648	A-RAW1-XHE-M-12	1	1.100E-004	+0.000E+000	+0.000E+000
649	A-RAW1-XHE-P-4	1	1.000E-003	+0.000E+000	+0.000E+000
650	A-RAW1-XHE-R-4	1	1.200E-003	+0.000E+000	+0.000E+000
651	A-RAW1-XHE-S1-9	1	4.000E-002	+0.000E+000	+0.000E+000
652	A-RAW1-XHE-S2-9	T	1.000E+000	+0.000E+000	+0.000E+000
653	A-RAW1-XHE-SF-9	1	1.000E-003	+0.000E+000	+0.000E+000
654	A-RAW2-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
655	A-RAW2-XHE-C-9	1	1.200E-003	+0.000E+000	+0.000E+000
656	A-RAW2-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
657	A-RAW2-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
658	A-RAW2-XHE-FL-10	1	1.200E-003	+0.000E+000	+0.000E+000
659	A-RAW2-XHE-FL-5	1	1.200E-003	+0.000E+000	+0.000E+000
660	A-RAW2-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
661	A-RAW2-XHE-M-12	1	2.000E-005	+0.000E+000	+0.000E+000
662	A-RAW2-XHE-P-4	1	1.000E-003	+0.000E+000	+0.000E+000
663	A-RAW2-XHE-R-4	1	5.200E-004	+0.000E+000	+0.000E+000
664	A-RAW2-XHE-S1-9	1	2.600E-003	+0.000E+000	+0.000E+000
665	A-RAW2-XHE-S2-9	T	1.000E+000	+0.000E+000	+0.000E+000
666	A-RAW2-XHE-SF-9	1	1.000E-003	+0.000E+000	+0.000E+000
667	A-RAW2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
668	A-RAW3-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
669	A-RAW3-XHE-FH-8	1	2.000E-005	+0.000E+000	+0.000E+000
670	A-RAW3-XHE-FL-4	1	1.200E-003	+0.000E+000	+0.000E+000
671	A-RAW3-XHE-FL-8	1	1.200E-003	+0.000E+000	+0.000E+000
672	A-RAW3-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
673	A-RAW3-XHE-M-10	1	2.000E-005	+0.000E+000	+0.000E+000
674	A-RAW3-XHE-R-4	1	5.200E-004	+0.000E+000	+0.000E+000
675	A-RAW3-XHE-S1-8	1	2.600E-003	+0.000E+000	+0.000E+000
676	A-RAW3-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
677	A-RAW3-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
678	A-RAW4-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
679	A-RAW4-XHE-FH-8	1	2.000E-005	+0.000E+000	+0.000E+000
680	A-RAW4-XHE-FL-5	1	1.200E-003	+0.000E+000	+0.000E+000
681	A-RAW4-XHE-FL-8	1	1.200E-003	+0.000E+000	+0.000E+000
682	A-RAW4-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
683	A-RAW4-XHE-M-11	1	6.700E-006	+0.000E+000	+0.000E+000
684	A-RAW4-XHE-R-5	1	1.200E-004	+0.000E+000	+0.000E+000
685	A-RAW4-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
686	A-RAW4-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
687	A-RAW4-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
688	A-RBD6-XHE-F-4	1	1.000E-002	+0.000E+000	+0.000E+000
689	A-RBD6-XHE-F-6	1	6.600E-002	+0.000E+000	+0.000E+000
690	A-RBD6-XHE-M-6	1	1.100E-004	+0.000E+000	+0.000E+000
691	A-RBD6-XHE-R-4	1	1.200E-003	+0.000E+000	+0.000E+000
692	A-RBR10-XHE-F-5	1	6.900E-005	+0.000E+000	+0.000E+000
693	A-RBR10-XHE-G-10	1	2.800E-004	+0.000E+000	+0.000E+000
694	A-RBR10-XHE-G-5	1	1.700E-004	+0.000E+000	+0.000E+000
695	A-RBR10-XHE-M-10	1	6.700E-006	+0.000E+000	+0.000E+000
696	A-RBR10-XHE-R-5	1	1.200E-004	+0.000E+000	+0.000E+000
697	A-RBR6-XHE-F-13	1	3.300E-003	+0.000E+000	+0.000E+000
698	A-RBR6-XHE-F-16	1	5.400E-003	+0.000E+000	+0.000E+000
699	A-RBR6-XHE-F-5	1	7.600E-004	+0.000E+000	+0.000E+000
700	A-RBR6-XHE-F-9	1	2.000E-003	+0.000E+000	+0.000E+000
701	A-RBR6-XHE-G-13	1	9.800E-004	+0.000E+000	+0.000E+000
702	A-RBR6-XHE-G-6	1	6.200E-004	+0.000E+000	+0.000E+000
703	A-RBR6-XHE-M-12	1	2.000E-005	+0.000E+000	+0.000E+000
704	A-RBR6-XHE-R-5	1	5.200E-004	+0.000E+000	+0.000E+000
705	A-RBR6-XHE-S-16	1	6.900E-003	+0.000E+000	+0.000E+000
706	A-RBR6-XHE-S-9	1	2.600E-003	+0.000E+000	+0.000E+000
707	A-RBW1-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
708	A-RBW1-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
709	A-RBW1-XHE-FH-10	1	5.000E-005	+0.000E+000	+0.000E+000
710	A-RBW1-XHE-FH-5	1	5.000E-005	+0.000E+000	+0.000E+000
711	A-RBW1-XHE-FL-10	1	1.000E-002	+0.000E+000	+0.000E+000
712	A-RBW1-XHE-FL-5	1	5.000E-003	+0.000E+000	+0.000E+000
713	A-RBW1-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
714	A-RBW1-XHE-M-12	1	1.100E-004	+0.000E+000	+0.000E+000
715	A-RBW1-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
716	A-RBW1-XHE-R-4	1	1.200E-003	+0.000E+000	+0.000E+000
717	A-RBW1-XHE-S1-9	1	4.000E-002	+0.000E+000	+0.000E+000
718	A-RBW1-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
719	A-RBW1-XHE-SF-9	1	1.000E-003	+0.000E+000	+0.000E+000
720	A-RBW2-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000

BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
721	A-RBW2-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
722	A-RBW2-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
723	A-RBW2-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
724	A-RBW2-XHE-FL-10	1	1.200E-003	+0.000E+000	+0.000E+000
725	A-RBW2-XHE-FL-5	1	1.200E-003	+0.000E+000	+0.000E+000
726	A-RBW2-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
727	A-RBW2-XHE-M-12	1	2.000E-005	+0.000E+000	+0.000E+000
728	A-RBW2-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
729	A-RBW2-XHE-R-4	1	5.200E-004	+0.000E+000	+0.000E+000
730	A-RBW2-XHE-S1-9	1	2.600E-003	+0.000E+000	+0.000E+000
731	A-RBW2-XHE-S2-9	T	1.000E+000	+0.000E+000	+0.000E+000
732	A-RBW2-XHE-SF-9	1	1.000E-003	+0.000E+000	+0.000E+000
733	A-RBW2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
734	A-RBW3-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
735	A-RBW3-XHE-FH-8	1	2.000E-005	+0.000E+000	+0.000E+000
736	A-RBW3-XHE-FL-4	1	1.200E-003	+0.000E+000	+0.000E+000
737	A-RBW3-XHE-FL-8	1	1.200E-003	+0.000E+000	+0.000E+000
738	A-RBW3-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
739	A-RBW3-XHE-M-10	1	2.000E-005	+0.000E+000	+0.000E+000
740	A-RBW3-XHE-R-4	1	5.200E-004	+0.000E+000	+0.000E+000
741	A-RBW3-XHE-S1-8	1	2.600E-003	+0.000E+000	+0.000E+000
742	A-RBW3-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
743	A-RBW3-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
744	A-RBW4-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
745	A-RBW4-XHE-FH-8	1	2.000E-005	+0.000E+000	+0.000E+000
746	A-RBW4-XHE-FL-5	1	1.200E-003	+0.000E+000	+0.000E+000
747	A-RBW4-XHE-FL-8	1	1.200E-003	+0.000E+000	+0.000E+000
748	A-RBW4-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
749	A-RBW4-XHE-M-11	1	6.700E-006	+0.000E+000	+0.000E+000
750	A-RBW4-XHE-R-5	1	1.200E-004	+0.000E+000	+0.000E+000
751	A-RBW4-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
752	A-RBW4-XHE-S2-8	T	1.000E+000	+0.000E+000	+0.000E+000
753	A-RBW4-XHE-SF-8	1	1.000E-003	+0.000E+000	+0.000E+000
754	A-SIW1-XHE-C-13	1	1.000E-003	+0.000E+000	+0.000E+000
755	A-SIW1-XHE-C-18	1	1.000E-003	+0.000E+000	+0.000E+000
756	A-SIW1-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
757	A-SIW1-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
758	A-SIW1-XHE-FH-10	1	5.000E-005	+0.000E+000	+0.000E+000
759	A-SIW1-XHE-FH-14	1	5.000E-005	+0.000E+000	+0.000E+000
760	A-SIW1-XHE-FH-19	1	5.000E-005	+0.000E+000	+0.000E+000
761	A-SIW1-XHE-FH-5	1	5.000E-005	+0.000E+000	+0.000E+000
762	A-SIW1-XHE-FL-10	1	6.600E-002	+0.000E+000	+0.000E+000
763	A-SIW1-XHE-FL-14	1	6.100E-002	+0.000E+000	+0.000E+000
764	A-SIW1-XHE-FL-19	1	6.100E-002	+0.000E+000	+0.000E+000
765	A-SIW1-XHE-FL-5	1	1.000E-002	+0.000E+000	+0.000E+000
766	A-SIW1-XHE-G-15	T	1.000E+000	+0.000E+000	+0.000E+000
767	A-SIW1-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
768	A-SIW1-XHE-P-13	1	1.000E-004	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
769	A-SIW1-XHE-P-18	1	1.000E-004	+0.000E+000	+0.000E+000
770	A-SIW1-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
771	A-SIW1-XHE-P-9	1	1.000E-004	+0.000E+000	+0.000E+000
772	A-SIW1-XHE-R-12	1	8.500E-003	+0.000E+000	+0.000E+000
773	A-SIW1-XHE-R-3	1	1.200E-003	+0.000E+000	+0.000E+000
774	A-SIW1-XHE-S1-17	1	1.000E-003	+0.000E+000	+0.000E+000
775	A-SIW1-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
776	A-SIW1-XHE-S2-17	1	8.000E-002	+0.000E+000	+0.000E+000
777	A-SIW1-XHE-S2-8	1	4.000E-002	+0.000E+000	+0.000E+000
778	A-SIW1-XHE-S3-17	T	1.000E+000	+0.000E+000	+0.000E+000
779	A-SIW1-XHE-S3-8	T	1.000E+000	+0.000E+000	+0.000E+000
780	A-SIW2-XHE-C-13	1	1.000E-003	+0.000E+000	+0.000E+000
781	A-SIW2-XHE-C-18	1	1.000E-003	+0.000E+000	+0.000E+000
782	A-SIW2-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
783	A-SIW2-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
784	A-SIW2-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
785	A-SIW2-XHE-FH-14	1	2.000E-005	+0.000E+000	+0.000E+000
786	A-SIW2-XHE-FH-19	1	2.000E-005	+0.000E+000	+0.000E+000
787	A-SIW2-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000
788	A-SIW2-XHE-FL-10	1	2.000E-003	+0.000E+000	+0.000E+000
789	A-SIW2-XHE-FL-14	1	8.000E-003	+0.000E+000	+0.000E+000
790	A-SIW2-XHE-FL-19	1	1.300E-002	+0.000E+000	+0.000E+000
791	A-SIW2-XHE-FL-5	1	7.600E-004	+0.000E+000	+0.000E+000
792	A-SIW2-XHE-G-15	T	1.000E+000	+0.000E+000	+0.000E+000
793	A-SIW2-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
794	A-SIW2-XHE-P-13	1	1.000E-004	+0.000E+000	+0.000E+000
795	A-SIW2-XHE-P-18	1	1.000E-004	+0.000E+000	+0.000E+000
796	A-SIW2-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
797	A-SIW2-XHE-P-9	1	1.000E-004	+0.000E+000	+0.000E+000
798	A-SIW2-XHE-R-12	1	3.000E-003	+0.000E+000	+0.000E+000
799	A-SIW2-XHE-R-3	1	5.200E-004	+0.000E+000	+0.000E+000
800	A-SIW2-XHE-S1-17	1	1.000E-003	+0.000E+000	+0.000E+000
801	A-SIW2-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
802	A-SIW2-XHE-S2-17	1	5.300E-003	+0.000E+000	+0.000E+000
803	A-SIW2-XHE-S2-8	1	2.600E-003	+0.000E+000	+0.000E+000
804	A-SIW2-XHE-S3-17	T	1.000E+000	+0.000E+000	+0.000E+000
805	A-SIW2-XHE-S3-8	T	1.000E+000	+0.000E+000	+0.000E+000
806	A-SIW2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
807	A-SIW3-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
808	A-SIW3-XHE-FH-13	1	2.000E-005	+0.000E+000	+0.000E+000
809	A-SIW3-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
810	A-SIW3-XHE-FH-7	1	2.000E-005	+0.000E+000	+0.000E+000
811	A-SIW3-XHE-FL-10	1	8.000E-003	+0.000E+000	+0.000E+000
812	A-SIW3-XHE-FL-13	1	2.000E-003	+0.000E+000	+0.000E+000
813	A-SIW3-XHE-FL-4	1	7.600E-004	+0.000E+000	+0.000E+000
814	A-SIW3-XHE-FL-7	1	1.300E-002	+0.000E+000	+0.000E+000
815	A-SIW3-XHE-G-11	T	1.000E+000	+0.000E+000	+0.000E+000
816	A-SIW3-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
817	A-SIW3-XHE-R-3	1	5.200E-004	+0.000E+000	+0.000E+000
818	A-SIW3-XHE-R-9	1	3.000E-003	+0.000E+000	+0.000E+000
819	A-SIW3-XHE-S1-4	1	1.000E-003	+0.000E+000	+0.000E+000
820	A-SIW3-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
821	A-SIW3-XHE-S2-4	1	2.600E-003	+0.000E+000	+0.000E+000
822	A-SIW3-XHE-S2-8	1	5.300E-003	+0.000E+000	+0.000E+000
823	A-SIW3-XHE-S3-4	T	1.000E+000	+0.000E+000	+0.000E+000
824	A-SIW3-XHE-S3-8	T	1.000E+000	+0.000E+000	+0.000E+000
825	A-SIW4-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
826	A-SIW4-XHE-FH-13	1	2.000E-005	+0.000E+000	+0.000E+000
827	A-SIW4-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
828	A-SIW4-XHE-FH-7	1	2.000E-005	+0.000E+000	+0.000E+000
829	A-SIW4-XHE-FL-10	1	1.100E-003	+0.000E+000	+0.000E+000
830	A-SIW4-XHE-FL-13	1	6.900E-005	+0.000E+000	+0.000E+000
831	A-SIW4-XHE-FL-4	1	6.900E-005	+0.000E+000	+0.000E+000
832	A-SIW4-XHE-FL-7	1	1.100E-003	+0.000E+000	+0.000E+000
833	A-SIW4-XHE-G-11	T	1.000E+000	+0.000E+000	+0.000E+000
834	A-SIW4-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
835	A-SIW4-XHE-R-3	1	1.200E-004	+0.000E+000	+0.000E+000
836	A-SIW4-XHE-R-9	1	9.600E-004	+0.000E+000	+0.000E+000
837	A-SIW4-XHE-S1-4	1	1.000E-003	+0.000E+000	+0.000E+000
838	A-SIW4-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
839	A-SIW4-XHE-S2-4	1	1.000E-003	+0.000E+000	+0.000E+000
840	A-SIW4-XHE-S2-8	1	2.000E-003	+0.000E+000	+0.000E+000
841	A-SIW4-XHE-S3-4	T	1.000E+000	+0.000E+000	+0.000E+000
842	A-SIW4-XHE-S3-8	T	1.000E+000	+0.000E+000	+0.000E+000
843	A-SRW1-XHE-2CH-4	1	3.300E-001	+0.000E+000	+0.000E+000
844	A-SRW1-XHE-2CH-7	1	3.300E-001	+0.000E+000	+0.000E+000
845	A-SRW1-XHE-CW-4	F	+0.000E+000	+0.000E+000	+0.000E+000
846	A-SRW1-XHE-CW-7	F	+0.000E+000	+0.000E+000	+0.000E+000
847	A-SRW1-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
848	A-SRW1-XHE-RC-3	1	2.900E-004	+0.000E+000	+0.000E+000
849	A-SRW1-XHE-S1-7	1	8.000E-002	+0.000E+000	+0.000E+000
850	A-SRW1-XHE-S2-7	T	1.000E+000	+0.000E+000	+0.000E+000
851	A-SRW1-XHE-SF-7	1	1.000E-003	+0.000E+000	+0.000E+000
852	A-SRW2-XHE-2CH-4	1	3.700E-002	+0.000E+000	+0.000E+000
853	A-SRW2-XHE-2CH-7	1	3.700E-002	+0.000E+000	+0.000E+000
854	A-SRW2-XHE-CW-4	F	+0.000E+000	+0.000E+000	+0.000E+000
855	A-SRW2-XHE-CW-7	F	+0.000E+000	+0.000E+000	+0.000E+000
856	A-SRW2-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
857	A-SRW2-XHE-RC-3	1	1.200E-004	+0.000E+000	+0.000E+000
858	A-SRW2-XHE-S1-7	1	5.300E-003	+0.000E+000	+0.000E+000
859	A-SRW2-XHE-S2-7	T	1.000E+000	+0.000E+000	+0.000E+000
860	A-SRW2-XHE-SF-7	1	1.000E-003	+0.000E+000	+0.000E+000
861	A-SRW3-XHE-2CH-4	1	3.700E-002	+0.000E+000	+0.000E+000
862	A-SRW3-XHE-2CH-7	1	3.700E-002	+0.000E+000	+0.000E+000
863	A-SRW3-XHE-CW-4	F	+0.000E+000	+0.000E+000	+0.000E+000
864	A-SRW3-XHE-CW-7	F	+0.000E+000	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
865	A-SRW3-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
866	A-SRW3-XHE-RC-4	1	1.200E-004	+0.000E+000	+0.000E+000
867	A-SRW3-XHE-S1-5	1	5.300E-003	+0.000E+000	+0.000E+000
868	A-SRW3-XHE-S2-5	T	1.000E+000	+0.000E+000	+0.000E+000
869	A-SRW3-XHE-SF-5	1	1.000E-003	+0.000E+000	+0.000E+000
870	A-SRW4-XHE-2CH-5	1	1.400E-003	+0.000E+000	+0.000E+000
871	A-SRW4-XHE-2CH-7	1	1.400E-003	+0.000E+000	+0.000E+000
872	A-SRW4-XHE-CW-5	F	+0.000E+000	+0.000E+000	+0.000E+000
873	A-SRW4-XHE-CW-7	F	+0.000E+000	+0.000E+000	+0.000E+000
874	A-SRW4-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
875	A-SRW4-XHE-RC-5	1	6.700E-005	+0.000E+000	+0.000E+000
876	A-SRW4-XHE-S1-5	1	2.000E-003	+0.000E+000	+0.000E+000
877	A-SRW4-XHE-S2-5	T	1.000E+000	+0.000E+000	+0.000E+000
878	A-SRW4-XHE-SF-5	1	1.000E-003	+0.000E+000	+0.000E+000
879	A-VBW1-XHE-C-13	1	1.000E-003	+0.000E+000	+0.000E+000
880	A-VBW1-XHE-C-18	1	1.000E-003	+0.000E+000	+0.000E+000
881	A-VBW1-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
882	A-VBW1-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
883	A-VBW1-XHE-FH-10	1	5.000E-005	+0.000E+000	+0.000E+000
884	A-VBW1-XHE-FH-14	1	5.000E-005	+0.000E+000	+0.000E+000
885	A-VBW1-XHE-FH-19	1	5.000E-005	+0.000E+000	+0.000E+000
886	A-VBW1-XHE-FH-5	1	5.000E-005	+0.000E+000	+0.000E+000
887	A-VBW1-XHE-FL-10	1	6.600E-002	+0.000E+000	+0.000E+000
888	A-VBW1-XHE-FL-14	1	2.500E-001	+0.000E+000	+0.000E+000
889	A-VBW1-XHE-FL-19	1	2.500E-001	+0.000E+000	+0.000E+000
890	A-VBW1-XHE-FL-5	1	1.000E-002	+0.000E+000	+0.000E+000
891	A-VBW1-XHE-G-15	T	1.000E+000	+0.000E+000	+0.000E+000
892	A-VBW1-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
893	A-VBW1-XHE-P-13	1	1.000E-004	+0.000E+000	+0.000E+000
894	A-VBW1-XHE-P-18	1	1.000E-004	+0.000E+000	+0.000E+000
895	A-VBW1-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
896	A-VBW1-XHE-P-9	1	1.000E-004	+0.000E+000	+0.000E+000
897	A-VBW1-XHE-R-12	1	3.300E-002	+0.000E+000	+0.000E+000
898	A-VBW1-XHE-R-3	1	1.200E-003	+0.000E+000	+0.000E+000
899	A-VBW1-XHE-S1-17	1	1.000E-003	+0.000E+000	+0.000E+000
900	A-VBW1-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
901	A-VBW1-XHE-S2-17	1	4.000E-001	+0.000E+000	+0.000E+000
902	A-VBW1-XHE-S2-8	1	4.000E-002	+0.000E+000	+0.000E+000
903	A-VBW1-XHE-S3-17	T	1.000E+000	+0.000E+000	+0.000E+000
904	A-VBW1-XHE-S3-8	T	1.000E+000	+0.000E+000	+0.000E+000
905	A-VBW2-XHE-C-13	1	1.000E-003	+0.000E+000	+0.000E+000
906	A-VBW2-XHE-C-18	1	1.000E-003	+0.000E+000	+0.000E+000
907	A-VBW2-XHE-C-4	1	1.000E-003	+0.000E+000	+0.000E+000
908	A-VBW2-XHE-C-9	1	1.000E-003	+0.000E+000	+0.000E+000
909	A-VBW2-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
910	A-VBW2-XHE-FH-14	1	2.000E-005	+0.000E+000	+0.000E+000
911	A-VBW2-XHE-FH-19	1	2.000E-005	+0.000E+000	+0.000E+000
912	A-VBW2-XHE-FH-5	1	2.000E-005	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
913	A-VBW2-XHE-FL-10	1	2.000E-003	+0.000E+000	+0.000E+000
914	A-VBW2-XHE-FL-14	1	3.500E-002	+0.000E+000	+0.000E+000
915	A-VBW2-XHE-FL-19	1	5.400E-002	+0.000E+000	+0.000E+000
916	A-VBW2-XHE-FL-5	1	7.600E-004	+0.000E+000	+0.000E+000
917	A-VBW2-XHE-G-15	T	1.000E+000	+0.000E+000	+0.000E+000
918	A-VBW2-XHE-G-6	T	1.000E+000	+0.000E+000	+0.000E+000
919	A-VBW2-XHE-P-13	1	1.000E-004	+0.000E+000	+0.000E+000
920	A-VBW2-XHE-P-18	1	1.000E-004	+0.000E+000	+0.000E+000
921	A-VBW2-XHE-P-4	1	1.000E-004	+0.000E+000	+0.000E+000
922	A-VBW2-XHE-P-9	1	1.000E-004	+0.000E+000	+0.000E+000
923	A-VBW2-XHE-R-12	1	1.300E-002	+0.000E+000	+0.000E+000
924	A-VBW2-XHE-R-3	1	5.200E-004	+0.000E+000	+0.000E+000
925	A-VBW2-XHE-S1-17	1	1.000E-003	+0.000E+000	+0.000E+000
926	A-VBW2-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
927	A-VBW2-XHE-S2-17	1	2.600E-002	+0.000E+000	+0.000E+000
928	A-VBW2-XHE-S2-8	1	2.600E-003	+0.000E+000	+0.000E+000
929	A-VBW2-XHE-S3-17	T	1.000E+000	+0.000E+000	+0.000E+000
930	A-VBW2-XHE-S3-8	T	1.000E+000	+0.000E+000	+0.000E+000
931	A-VBW2-XHE-X	1	1.000E-003	+0.000E+000	+0.000E+000
932	A-VBW3-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
933	A-VBW3-XHE-FH-13	1	2.000E-005	+0.000E+000	+0.000E+000
934	A-VBW3-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
935	A-VBW3-XHE-FH-7	1	2.000E-005	+0.000E+000	+0.000E+000
936	A-VBW3-XHE-FL-10	1	3.500E-002	+0.000E+000	+0.000E+000
937	A-VBW3-XHE-FL-13	1	2.000E-003	+0.000E+000	+0.000E+000
938	A-VBW3-XHE-FL-4	1	7.600E-004	+0.000E+000	+0.000E+000
939	A-VBW3-XHE-FL-7	1	5.400E-002	+0.000E+000	+0.000E+000
940	A-VBW3-XHE-G-11	T	1.000E+000	+0.000E+000	+0.000E+000
941	A-VBW3-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
942	A-VBW3-XHE-R-3	1	5.200E-004	+0.000E+000	+0.000E+000
943	A-VBW3-XHE-R-9	1	1.300E-002	+0.000E+000	+0.000E+000
944	A-VBW3-XHE-S1-4	1	1.000E-003	+0.000E+000	+0.000E+000
945	A-VBW3-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
946	A-VBW3-XHE-S2-4	1	2.600E-003	+0.000E+000	+0.000E+000
947	A-VBW3-XHE-S2-8	1	2.600E-002	+0.000E+000	+0.000E+000
948	A-VBW3-XHE-S3-4	T	1.000E+000	+0.000E+000	+0.000E+000
949	A-VBW3-XHE-S3-8	T	1.000E+000	+0.000E+000	+0.000E+000
950	A-VBW4-XHE-FH-10	1	2.000E-005	+0.000E+000	+0.000E+000
951	A-VBW4-XHE-FH-13	1	2.000E-005	+0.000E+000	+0.000E+000
952	A-VBW4-XHE-FH-4	1	2.000E-005	+0.000E+000	+0.000E+000
953	A-VBW4-XHE-FH-7	1	2.000E-005	+0.000E+000	+0.000E+000
954	A-VBW4-XHE-FL-10	1	5.000E-003	+0.000E+000	+0.000E+000
955	A-VBW4-XHE-FL-13	1	6.900E-005	+0.000E+000	+0.000E+000
956	A-VBW4-XHE-FL-4	1	6.900E-005	+0.000E+000	+0.000E+000
957	A-VBW4-XHE-FL-7	1	5.000E-003	+0.000E+000	+0.000E+000
958	A-VBW4-XHE-G-11	T	1.000E+000	+0.000E+000	+0.000E+000
959	A-VBW4-XHE-G-5	T	1.000E+000	+0.000E+000	+0.000E+000
960	A-VBW4-XHE-R-3	1	1.200E-004	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
961	A-VBW4-XHE-R-9	1	5.000E-003	+0.000E+000	+0.000E+000
962	A-VBW4-XHE-S1-4	1	1.000E-003	+0.000E+000	+0.000E+000
963	A-VBW4-XHE-S1-8	1	1.000E-003	+0.000E+000	+0.000E+000
964	A-VBW4-XHE-S2-4	1	1.000E-003	+0.000E+000	+0.000E+000
965	A-VBW4-XHE-S2-8	1	9.800E-003	+0.000E+000	+0.000E+000
966	A-VBW4-XHE-S3-4	T	1.000E+000	+0.000E+000	+0.000E+000
967	A-VBW4-XHE-S3-8	T	1.000E+000	+0.000E+000	+0.000E+000
968	ACC-CKV-FT-CV107	1	1.000E-004	+0.000E+000	+0.000E+000
969	ACC-CKV-FT-CV109	1	1.000E-004	+0.000E+000	+0.000E+000
970	ACC-CKV-FT-CV128	1	1.000E-004	+0.000E+000	+0.000E+000
971	ACC-CKV-FT-CV130	1	1.000E-004	+0.000E+000	+0.000E+000
972	ACC-CKV-FT-CV145	1	1.000E-004	+0.000E+000	+0.000E+000
973	ACC-CKV-FT-CV147	1	1.000E-004	+0.000E+000	+0.000E+000
974	ACC-MOV-PG-1865A	1	6.500E-004	1.000E-007	1.300E+004
975	ACC-MOV-PG-1865B	1	6.500E-004	1.000E-007	1.300E+004
976	ACC-MOV-PG-1865C	1	6.500E-004	1.000E-007	1.300E+004
977	ACP-BAC-MA-1H1	1	7.270E-006	+0.000E+000	+0.000E+000
978	ACP-BAC-MA-1H1-1	1	7.270E-006	+0.000E+000	+0.000E+000
979	ACP-BAC-MA-1H1-2	1	7.270E-006	+0.000E+000	+0.000E+000
980	ACP-BAC-MA-1J1	1	7.270E-006	+0.000E+000	+0.000E+000
981	ACP-BAC-MA-1J1-1	1	7.270E-006	+0.000E+000	+0.000E+000
982	ACP-BAC-MA-1J1-2	1	7.270E-006	+0.000E+000	+0.000E+000
983	ACP-BAC-MA-4801H	1	7.270E-006	+0.000E+000	+0.000E+000
984	ACP-BAC-MA-4801J	1	7.270E-006	+0.000E+000	+0.000E+000
985	ACP-BAC-MA-4KV1H	F	+0.000E+000	+0.000E+000	+0.000E+000
986	ACP-BAC-MA-4KV1J	F	+0.000E+000	+0.000E+000	+0.000E+000
987	ACP-BAC-MA-STB1H	F	+0.000E+000	+0.000E+000	+0.000E+000
988	ACP-BAC-MA-STB1J	F	+0.000E+000	+0.000E+000	+0.000E+000
989	ACP-BAC-MA-VB1II	1	+0.000E+000	+0.000E+000	+0.000E+000
990	ACP-BAC-MAOVBI	1	+0.000E+000	+0.000E+000	+0.000E+000
991	ACP-BAC-ST-1H1	1	9.000E-005	+0.000E+000	+0.000E+000
992	ACP-BAC-ST-1H1-1	1	9.000E-005	+0.000E+000	+0.000E+000
993	ACP-BAC-ST-1H1-2	1	9.000E-005	+0.000E+000	+0.000E+000
994	ACP-BAC-ST-1J1	1	9.000E-005	+0.000E+000	+0.000E+000
995	ACP-BAC-ST-1J1-1	1	9.000E-005	+0.000E+000	+0.000E+000
996	ACP-BAC-ST-1J1-2	1	9.000E-005	+0.000E+000	+0.000E+000
997	ACP-BAC-ST-2H1	1	9.000E-005	+0.000E+000	+0.000E+000
998	ACP-BAC-ST-2H1-1	1	9.000E-005	+0.000E+000	+0.000E+000
999	ACP-BAC-ST-4801H	1	9.000E-005	+0.000E+000	+0.000E+000
1000	ACP-BAC-ST-4801J	1	9.000E-005	+0.000E+000	+0.000E+000
1001	ACP-BAC-ST-4KV1H	1	9.000E-005	+0.000E+000	+0.000E+000
1002	ACP-BAC-ST-4KV1J	1	9.000E-005	+0.000E+000	+0.000E+000
1003	ACP-BAC-ST-4KV2H	1	9.000E-005	+0.000E+000	+0.000E+000
1004	ACP-BAC-ST-STB1H	1	9.000E-005	+0.000E+000	+0.000E+000
1005	ACP-BAC-ST-STB1J	1	9.000E-005	+0.000E+000	+0.000E+000
1006	ACP-BAC-ST-STB2H	1	9.000E-005	+0.000E+000	+0.000E+000
1007	ACP-BAC-ST-V1III	1	9.000E-005	+0.000E+000	+0.000E+000
1008	ACP-BAC-ST-VB1I	1	9.000E-005	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1009	ACP-BAC-ST-VB1II	1	9.000E-005	+0.000E+000	+0.000E+000
1010	ACP-BAC-ST-VB1IV	1	9.000E-005	+0.000E+000	+0.000E+000
1011	ACP-BCH-MA-UPSA1	F	+0.000E+000	+0.000E+000	+0.000E+000
1012	ACP-BCH-MA-UPSA2	F	+0.000E+000	+0.000E+000	+0.000E+000
1013	ACP-BCH-MA-UPSB1	1	4.003E-001	+0.000E+000	+0.000E+000
1014	ACP-BCH-MA-UPSB2	1	4.003E-001	+0.000E+000	+0.000E+000
1015	ACP-BCH-MA0UPSB1	1	+0.000E+000	+0.000E+000	+0.000E+000
1016	ACP-BCH-MA0UPSB2	1	+0.000E+000	+0.000E+000	+0.000E+000
1017	ACP-CRB-CO-14H1	1	2.900E-005	+0.000E+000	+0.000E+000
1018	ACP-CRB-CO-14H13	1	2.900E-005	+0.000E+000	+0.000E+000
1019	ACP-CRB-CO-14H14	1	2.900E-005	+0.000E+000	+0.000E+000
1020	ACP-CRB-CO-14H15	1	2.900E-005	+0.000E+000	+0.000E+000
1021	ACP-CRB-CO-14J1	1	2.900E-005	+0.000E+000	+0.000E+000
1022	ACP-CRB-CO-14J11	1	2.900E-005	+0.000E+000	+0.000E+000
1023	ACP-CRB-CO-14J14	1	2.900E-005	+0.000E+000	+0.000E+000
1024	ACP-CRB-CO-14J16	1	2.900E-005	+0.000E+000	+0.000E+000
1025	ACP-CRB-CO-15H7	1	2.900E-005	+0.000E+000	+0.000E+000
1026	ACP-CRB-CO-15H8	1	2.900E-005	+0.000E+000	+0.000E+000
1027	ACP-CRB-CO-15H9	1	2.900E-005	+0.000E+000	+0.000E+000
1028	ACP-CRB-CO-15J7	1	2.900E-005	+0.000E+000	+0.000E+000
1029	ACP-CRB-CO-15J8	1	2.900E-005	+0.000E+000	+0.000E+000
1030	ACP-CRB-CO-15J9	1	2.900E-005	+0.000E+000	+0.000E+000
1031	ACP-CRB-CO-1I35	1	2.900E-005	+0.000E+000	+0.000E+000
1032	ACP-CRB-CO-1II	1	2.900E-005	+0.000E+000	+0.000E+000
1033	ACP-CRB-CO-1IV	1	2.900E-005	+0.000E+000	+0.000E+000
1034	ACP-CRB-CO-24H14	1	2.900E-005	+0.000E+000	+0.000E+000
1035	ACP-CRB-CO-24H15	1	2.900E-005	+0.000E+000	+0.000E+000
1036	ACP-CRB-CO-25H7	1	2.900E-005	+0.000E+000	+0.000E+000
1037	ACP-CRB-CO-25H9	1	2.900E-005	+0.000E+000	+0.000E+000
1038	ACP-CRB-CO-FE9AE	1	2.900E-005	+0.000E+000	+0.000E+000
1039	ACP-CRB-CO-FE9AF	1	2.900E-005	+0.000E+000	+0.000E+000
1040	ACP-CRB-CO-FE9AJ	1	2.900E-005	+0.000E+000	+0.000E+000
1041	ACP-CRB-CO-FE9AK	1	2.900E-005	+0.000E+000	+0.000E+000
1042	ACP-CRB-CO-FE9BE	1	2.900E-005	+0.000E+000	+0.000E+000
1043	ACP-CRB-CO-FE9BF	1	2.900E-005	+0.000E+000	+0.000E+000
1044	ACP-CRB-CO-FE9BJ	1	2.900E-005	+0.000E+000	+0.000E+000
1045	ACP-CRB-CO-FE9BK	1	2.900E-005	+0.000E+000	+0.000E+000
1046	ACP-CRB-CO-III35	1	2.900E-005	+0.000E+000	+0.000E+000
1047	ACP-INV-MA-UPSA1	1	2.000E-004	+0.000E+000	+0.000E+000
1048	ACP-INV-MA-UPSA2	1	2.000E-004	+0.000E+000	+0.000E+000
1049	ACP-INV-MA-UPSB1	1	2.000E-004	+0.000E+000	+0.000E+000
1050	ACP-INV-MA-UPSB2	1	2.000E-004	+0.000E+000	+0.000E+000
1051	ACP-INV-NO-UPSA1	1	4.000E-002	+0.000E+000	+0.000E+000
1052	ACP-INV-NO-UPSA2	1	4.000E-002	+0.000E+000	+0.000E+000
1053	ACP-INV-NO-UPSB1	1	4.000E-002	+0.000E+000	+0.000E+000
1054	ACP-INV-NO-UPSB2	1	4.000E-002	+0.000E+000	+0.000E+000
1055	ACP-REC-NO-UPSA1	1	4.000E-004	+0.000E+000	+0.000E+000
1056	ACP-REC-NO-UPSA2	1	4.000E-004	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1057	ACP-REC-NO-UPSB1	1	4.000E-004	+0.000E+000	+0.000E+000
1058	ACP-REC-NO-UPSB2	1	4.000E-004	+0.000E+000	+0.000E+000
1059	ACP-TFM-NO-1A1-1	4	4.080E-005	1.700E-006	2.400E+001
1060	ACP-TFM-NO-1A1-2	4	4.080E-005	1.700E-006	2.400E+001
1061	ACP-TFM-NO-1A2-1	4	4.080E-005	1.700E-006	2.400E+001
1062	ACP-TFM-NO-1A2-2	4	4.080E-005	1.700E-006	2.400E+001
1063	ACP-TFM-NO-1B1-1	4	4.080E-005	1.700E-006	2.400E+001
1064	ACP-TFM-NO-1B1-2	4	4.080E-005	1.700E-006	2.400E+001
1065	ACP-TFM-NO-1B2-1	4	4.080E-005	1.700E-006	2.400E+001
1066	ACP-TFM-NO-1B2-2	4	4.080E-005	1.700E-006	2.400E+001
1067	ACP-TFM-NO-1H	4	4.080E-005	1.700E-006	2.400E+001
1068	ACP-TFM-NO-1H1	4	4.080E-005	1.700E-006	2.400E+001
1069	ACP-TFM-NO-1J	4	4.080E-005	1.700E-006	2.400E+001
1070	ACP-TFM-NO-1J1	4	4.080E-005	1.700E-006	2.400E+001
1071	ACP-TFM-NO-2H1	4	4.080E-005	1.700E-006	2.400E+001
1072	ACP-XHE-FO-STBBS	1	5.000E-005	+0.000E+000	+0.000E+000
1073	AFW-ACT-FA-PMP3A	1	6.000E-004	+0.000E+000	+0.000E+000
1074	AFW-ACT-FA-PMP3B	1	6.000E-004	+0.000E+000	+0.000E+000
1075	AFW-ACT-FA-VLVA	1	6.000E-004	+0.000E+000	+0.000E+000
1076	AFW-ACT-FA-VLVB	1	6.000E-004	+0.000E+000	+0.000E+000
1077	AFW-AOV-FT-102A	1	1.000E-003	+0.000E+000	+0.000E+000
1078	AFW-AOV-FT-102B	1	1.000E-003	+0.000E+000	+0.000E+000
1079	AFW-AOV-FT-202A	1	1.000E-003	+0.000E+000	+0.000E+000
1080	AFW-AOV-FT-202B	1	1.000E-003	+0.000E+000	+0.000E+000
1081	AFW-AOV-PG-102A	1	4.000E-005	1.000E-007	7.200E+002
1082	AFW-AOV-PG-102B	1	4.000E-005	1.000E-007	7.200E+002
1083	AFW-AOV-PG-202A	1	4.000E-005	1.000E-007	7.200E+002
1084	AFW-AOV-PG-202B	1	4.000E-005	1.000E-007	7.200E+002
1085	AFW-CCF-FS-FW3AB	1	3.500E-004	+0.000E+000	+0.000E+000
1086	AFW-CCF-FT-102AB	1	1.000E-004	+0.000E+000	+0.000E+000
1087	AFW-CCF-FT-202AB	1	1.000E-004	+0.000E+000	+0.000E+000
1088	AFW-CCF-LK-2STMB	1	1.000E-004	+0.000E+000	+0.000E+000
1089	AFW-CCF-LK-STMBD	1	1.000E-004	+0.000E+000	+0.000E+000
1090	AFW-CKV-CC-27588	1	1.000E-005	+0.000E+000	+0.000E+000
1091	AFW-CKV-CC-3638	1	1.000E-005	+0.000E+000	+0.000E+000
1092	AFW-CKV-CC-42577	1	1.000E-005	+0.000E+000	+0.000E+000
1093	AFW-CKV-FT-CV131	1	1.000E-004	+0.000E+000	+0.000E+000
1094	AFW-CKV-FT-CV133	1	1.000E-004	+0.000E+000	+0.000E+000
1095	AFW-CKV-FT-CV136	1	1.000E-004	+0.000E+000	+0.000E+000
1096	AFW-CKV-FT-CV138	1	1.000E-004	+0.000E+000	+0.000E+000
1097	AFW-CKV-FT-CV142	1	1.000E-004	+0.000E+000	+0.000E+000
1098	AFW-CKV-FT-CV157	1	1.000E-004	+0.000E+000	+0.000E+000
1099	AFW-CKV-FT-CV172	1	1.000E-004	+0.000E+000	+0.000E+000
1100	AFW-CKV-FT-CV176	1	1.000E-004	+0.000E+000	+0.000E+000
1101	AFW-CKV-FT-CV178	1	1.000E-004	+0.000E+000	+0.000E+000
1102	AFW-CKV-FT-CV182	1	1.000E-004	+0.000E+000	+0.000E+000
1103	AFW-CKV-FT-CV232	1	1.000E-004	+0.000E+000	+0.000E+000
1104	AFW-CKV-FT-CV233	1	1.000E-004	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1105	AFW-CKV-FT-CV236	1	1.000E-004	+0.000E+000	+0.000E+000
1106	AFW-CKV-FT-CV238	1	1.000E-004	+0.000E+000	+0.000E+000
1107	AFW-CKV-FT-CV242	1	1.000E-004	+0.000E+000	+0.000E+000
1108	AFW-CKV-FT-CV27	1	1.000E-004	+0.000E+000	+0.000E+000
1109	AFW-CKV-FT-CV58	1	1.000E-004	+0.000E+000	+0.000E+000
1110	AFW-CKV-FT-CV89	1	1.000E-004	+0.000E+000	+0.000E+000
1111	AFW-CKV-00-CV142	1	1.000E-003	+0.000E+000	+0.000E+000
1112	AFW-CKV-00-CV157	1	1.000E-003	+0.000E+000	+0.000E+000
1113	AFW-CKV-00-CV172	1	1.000E-003	+0.000E+000	+0.000E+000
1114	AFW-CKV-00-CV257	1	1.000E-003	+0.000E+000	+0.000E+000
1115	AFW-CKV-00-CV272	1	1.000E-003	+0.000E+000	+0.000E+000
1116	AFW-MDP-FR-3A1HR	4	3.000E-005	3.000E-005	1.000E+000
1117	AFW-MDP-FR-3A6HR	4	1.800E-004	3.000E-005	6.000E+000
1118	AFW-MDP-FR-3B1HR	4	3.000E-005	3.000E-005	1.000E+000
1119	AFW-MDP-FR-3B6HR	4	1.800E-004	3.000E-005	6.000E+000
1120	AFW-MDP-FS-FW3A	1	6.300E-003	+0.000E+000	+0.000E+000
1121	AFW-MDP-FS-FW3B	1	6.300E-003	+0.000E+000	+0.000E+000
1122	AFW-MDP-MA-FW3A	1	2.000E-003	+0.000E+000	+0.000E+000
1123	AFW-MDP-MA-FW3B	1	5.272E-001	+0.000E+000	+0.000E+000
1124	AFW-MDP-MAOFW3A	1	2.000E-003	+0.000E+000	+0.000E+000
1125	AFW-MDP-MAOFW3B	1	5.110E-001	+0.000E+000	+0.000E+000
1126	AFW-MOV-CC-151	1	2.600E-004	+0.000E+000	+0.000E+000
1127	AFW-MOV-FT-151A	1	3.000E-003	+0.000E+000	+0.000E+000
1128	AFW-MOV-FT-151B	1	3.000E-003	+0.000E+000	+0.000E+000
1129	AFW-MOV-FT-151C	1	3.000E-003	+0.000E+000	+0.000E+000
1130	AFW-MOV-FT-151D	1	3.000E-003	+0.000E+000	+0.000E+000
1131	AFW-MOV-FT-151E	1	3.000E-003	+0.000E+000	+0.000E+000
1132	AFW-MOV-FT-151F	1	3.000E-003	+0.000E+000	+0.000E+000
1133	AFW-MOV-FT-160A	1	3.000E-003	+0.000E+000	+0.000E+000
1134	AFW-MOV-FT-160B	1	3.000E-003	+0.000E+000	+0.000E+000
1135	AFW-MOV-MA-151A	1	7.260E-002	+0.000E+000	+0.000E+000
1136	AFW-MOV-MA-151B	1	1.000E-003	+0.000E+000	+0.000E+000
1137	AFW-MOV-MA-151C	1	1.000E-003	+0.000E+000	+0.000E+000
1138	AFW-MOV-MA-151D	1	1.000E-003	+0.000E+000	+0.000E+000
1139	AFW-MOV-MA-151E	1	1.000E-003	+0.000E+000	+0.000E+000
1140	AFW-MOV-MA-151F	1	1.000E-003	+0.000E+000	+0.000E+000
1141	AFW-MOV-MA-160A	1	1.000E-003	+0.000E+000	+0.000E+000
1142	AFW-MOV-MA-160B	1	1.000E-003	+0.000E+000	+0.000E+000
1143	AFW-MOV-MA0151A	1	+0.000E+000	+0.000E+000	+0.000E+000
1144	AFW-MOV-PG-151A	1	4.000E-005	1.000E-007	7.200E+002
1145	AFW-MOV-PG-151B	1	4.000E-005	1.000E-007	7.200E+002
1146	AFW-MOV-PG-151C	1	4.000E-005	1.000E-007	7.200E+002
1147	AFW-MOV-PG-151D	1	4.000E-005	1.000E-007	7.200E+002
1148	AFW-MOV-PG-151E	1	4.000E-005	1.000E-007	7.200E+002
1149	AFW-MOV-PG-151F	1	4.000E-005	1.000E-007	7.200E+002
1150	AFW-MS-PG-196	1	4.000E-005	+0.000E+000	+0.000E+000
1151	AFW-MS-PG-296	1	4.000E-005	+0.000E+000	+0.000E+000
1152	AFW-PSF-FC-XCONN	1	1.500E-004	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1153	AFW-TDP-FR-2P1HR	4	5.000E-003	5.000E-003	1.000E+000
1154	AFW-TDP-FR-2P6HR	4	3.000E-002	5.000E-003	6.000E+000
1155	AFW-TDP-FR-6HRU2	4	3.000E-002	5.000E-003	6.000E+000
1156	AFW-TDP-FS-FW2	1	1.100E-002	+0.000E+000	+0.000E+000
1157	AFW-TDP-FS-U2FW2	1	1.100E-002	+0.000E+000	+0.000E+000
1158	AFW-TDP-MA-FW2	1	3.719E-001	+0.000E+000	+0.000E+000
1159	AFW-TDP-MA-U2FW2	1	1.000E-002	+0.000E+000	+0.000E+000
1160	AFW-TDP-MA0FW2	1	4.907E-001	+0.000E+000	+0.000E+000
1161	AFW-TNK-VF-CST	1	1.000E-006	+0.000E+000	+0.000E+000
1162	AFW-TNK-VF-U2CST	1	1.000E-006	+0.000E+000	+0.000E+000
1163	AFW-XHE-F0-ACT	F	+0.000E+000	+0.000E+000	+0.000E+000
1164	AFW-XHE-F0-U1SB0	F	+0.000E+000	+0.000E+000	+0.000E+000
1165	AFW-XHE-F0-U2SB0	F	+0.000E+000	+0.000E+000	+0.000E+000
1166	AFW-XVM-PG-XV120	1	4.000E-005	1.000E-007	7.200E+002
1167	AFW-XVM-PG-XV153	1	4.000E-005	1.000E-007	7.200E+002
1168	AFW-XVM-PG-XV158	1	4.000E-005	1.000E-007	7.200E+002
1169	AFW-XVM-PG-XV168	1	4.000E-005	1.000E-007	7.200E+002
1170	AFW-XVM-PG-XV183	1	4.000E-005	1.000E-007	7.200E+002
1171	AFW-XVM-PG-XV253	1	4.000E-005	1.000E-007	7.200E+002
1172	AFW-XVM-PG-XV87	1	4.000E-005	1.000E-007	7.200E+002
1173	AFWTDPU2	1	1.000E+000	+0.000E+000	+0.000E+000
1174	BAT-HTR-FC-TRACE	1	5.000E-004	+0.000E+000	+0.000E+000
1175	BAT-HTR-VF-STANK	1	2.600E-004	+0.000E+000	+0.000E+000
1176	BCW	1	5.580E-006	+0.000E+000	+0.000E+000
1177	CCW-AOV-FT-109A	1	1.000E-003	+0.000E+000	+0.000E+000
1178	CCW-AOV-FT-109B	1	1.000E-003	+0.000E+000	+0.000E+000
1179	CCW-AOV-MA-109A	1	2.000E-004	+0.000E+000	+0.000E+000
1180	CCW-AOV-OC-109A	1	7.500E-007	+0.000E+000	+0.000E+000
1181	CCW-AOV-OC-109B	1	7.500E-007	+0.000E+000	+0.000E+000
1182	CCW-AOV-OC-140A	1	7.500E-007	+0.000E+000	+0.000E+000
1183	CCW-AOV-OC-140B	1	7.500E-007	+0.000E+000	+0.000E+000
1184	CCW-AOV-PG-109A	1	4.000E-005	1.000E-007	7.200E+002
1185	CCW-AOV-PG-109B	1	4.000E-005	1.000E-007	7.200E+002
1186	CCW-AOV-PG-140A	1	4.000E-005	+0.000E+000	+0.000E+000
1187	CCW-AOV-PG-140B	1	4.000E-005	+0.000E+000	+0.000E+000
1188	CCW-AOV-SC-120A	1	7.500E-007	+0.000E+000	+0.000E+000
1189	CCW-AOV-SC-120B	1	7.500E-007	+0.000E+000	+0.000E+000
1190	CCW-AOV-SC-120C	1	7.500E-007	+0.000E+000	+0.000E+000
1191	CCW-AOV-XHE-109	1	1.700E-003	+0.000E+000	+0.000E+000
1192	CCW-CCF-FS-MDPAB	1	4.500E-004	+0.000E+000	+0.000E+000
1193	CCW-CCF-FT-8185	1	1.250E-005	+0.000E+000	+0.000E+000
1194	CCW-CKV-FT-CC176	1	1.000E-004	+0.000E+000	+0.000E+000
1195	CCW-CKV-FT-CC177	1	1.000E-004	+0.000E+000	+0.000E+000
1196	CCW-CKV-FT-CC557	1	1.000E-004	+0.000E+000	+0.000E+000
1197	CCW-CKV-FT-CC563	1	1.000E-004	+0.000E+000	+0.000E+000
1198	CCW-CKV-FT-CV557	1	1.000E-004	+0.000E+000	+0.000E+000
1199	CCW-CKV-00-563U2	1	1.000E-003	+0.000E+000	+0.000E+000
1200	CCW-CKV-00-CV557	1	1.000E-003	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1201	CCW-HTX-LK-E1A	4	7.200E-005	3.000E-006	2.400E+001
1202	CCW-HTX-LK-E1B	4	7.200E-005	3.000E-006	2.400E+001
1203	CCW-HTX-LK-U2E1A	4	7.200E-005	3.000E-006	2.400E+001
1204	CCW-HTX-MA-E1B	1	1.452E-001	+0.000E+000	+0.000E+000
1205	CCW-HTX-MA-U2E1A	1	+0.000E+000	+0.000E+000	+0.000E+000
1206	CCW-HTX-MA0E1B	1	8.946E-001	+0.000E+000	+0.000E+000
1207	CCW-HTX-MA0U2E1A	1	5.280E-002	+0.000E+000	+0.000E+000
1208	CCW-HTX-PG-E1A	4	1.368E-004	5.700E-006	2.400E+001
1209	CCW-HTX-PG-E1B	4	1.368E-004	5.700E-006	2.400E+001
1210	CCW-HTX-PG-U2E1A	4	1.368E-004	5.700E-006	2.400E+001
1211	CCW-LF-PS101A	1	1.380E-002	+0.000E+000	+0.000E+000
1212	CCW-LF-RHE2A	1	1.860E-002	+0.000E+000	+0.000E+000
1213	CCW-LF-RHE2B	1	1.860E-002	+0.000E+000	+0.000E+000
1214	CCW-LF-STK1	1	2.660E-006	+0.000E+000	+0.000E+000
1215	CCW-MDP-FR-CCP1A	4	7.200E-004	3.000E-005	2.400E+001
1216	CCW-MDP-FR-CCP1B	4	7.200E-004	3.000E-005	2.400E+001
1217	CCW-MDP-FR-CCP2A	4	1.800E-004	3.000E-005	6.000E+000
1218	CCW-MDP-FS-CCP1A	1	3.000E-003	+0.000E+000	+0.000E+000
1219	CCW-MDP-FS-CCP1B	1	3.000E-003	+0.000E+000	+0.000E+000
1220	CCW-MDP-FS-CCP2A	1	3.000E-003	+0.000E+000	+0.000E+000
1221	CCW-MDP-MA-CCP1B	1	2.000E-003	+0.000E+000	+0.000E+000
1222	CCW-MDP-MA-CCP2A	1	2.000E-003	+0.000E+000	+0.000E+000
1223	CCW-SO-RV116A	1	9.330E-005	+0.000E+000	+0.000E+000
1224	CCW-SO-RV116B	1	9.330E-005	+0.000E+000	+0.000E+000
1225	CCW-SO-RV116C	1	9.330E-005	+0.000E+000	+0.000E+000
1226	CCW-SO-RV118	1	9.330E-005	+0.000E+000	+0.000E+000
1227	CCW-SO-RV119A	1	9.330E-005	+0.000E+000	+0.000E+000
1228	CCW-SO-RV119B	1	9.330E-005	+0.000E+000	+0.000E+000
1229	CCW-SO-RV121	1	9.330E-005	+0.000E+000	+0.000E+000
1230	CCW-SO-RV150	1	9.330E-005	+0.000E+000	+0.000E+000
1231	CCW-XHE-10P14.1	1	1.200E-005	+0.000E+000	+0.000E+000
1232	CCW-XHE-10P51.1	1	2.100E-005	+0.000E+000	+0.000E+000
1233	CCW-XHE-F0-SP1B	1	1.600E-004	+0.000E+000	+0.000E+000
1234	CCW-XMV-PG-CC100	1	4.000E-005	1.000E-007	7.200E+002
1235	CCW-XMV-PG-CC104	1	4.000E-005	1.000E-007	7.200E+002
1236	CCW-XMV-PG-CC112	1	4.000E-005	1.000E-007	7.200E+002
1237	CCW-XMV-PG-CC116	1	4.000E-005	1.000E-007	7.200E+002
1238	CCW-XMV-PG-CC118	1	4.000E-005	1.000E-007	7.200E+002
1239	CCW-XMV-PG-CC122	1	4.000E-005	1.000E-007	7.200E+002
1240	CCW-XMV-PG-CC178	1	4.000E-005	1.000E-007	7.200E+002
1241	CCW-XMV-PG-CC181	1	4.000E-005	1.000E-007	7.200E+002
1242	CCW-XMV-PG-CC182	1	4.000E-005	1.000E-007	7.200E+002
1243	CCW-XMV-PG-CC185	1	4.000E-005	1.000E-007	7.200E+002
1244	CCW-XMV-PG-CC214	1	4.000E-005	1.000E-007	7.200E+002
1245	CCW-XMV-PG-CC220	1	4.000E-005	1.000E-007	1.680E+002
1246	CCW-XVM-FT-CC181	1	1.000E-004	+0.000E+000	+0.000E+000
1247	CCW-XVM-FT-CC185	1	1.000E-004	+0.000E+000	+0.000E+000
1248	CCW-XVM-PG-580U2	1	4.000E-005	1.000E-007	7.200E+002

BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1249	CCW-XVM-PG-583U2	1	4.000E-005	1.000E-007	7.200E+002
1250	CCW-XVM-PG-CC104	1	4.400E-004	1.000E-007	8.760E+003
1251	CCW-XVM-PG-CC178	1	4.400E-004	+0.000E+000	+0.000E+000
1252	CCW-XVM-PG-CC182	1	4.400E-004	+0.000E+000	+0.000E+000
1253	CCW-XVM-PG-CC214	1	4.400E-004	+0.000E+000	+0.000E+000
1254	CCW-XVM-PG-CC560	1	4.000E-005	1.000E-007	7.200E+002
1255	CCW-XVM-PG-CC564	1	4.000E-005	1.000E-007	7.200E+002
1256	CCW-XVM-PG-XV580	1	4.000E-005	1.000E-007	7.200E+002
1257	CCW-XVM-PG-XV583	1	4.000E-005	1.000E-007	7.200E+002
1258	CCW-XVM-PG-XV584	1	4.000E-005	1.000E-007	7.200E+002
1259	CCW-XVM-PG-XV587	1	4.000E-005	1.000E-007	7.200E+002
1260	CIA-AOV-FT-IA103	1	1.000E-003	+0.000E+000	+0.000E+000
1261	CIA-AOV-PG-101A	1	4.000E-005	1.000E-007	+0.000E+000
1262	CIA-AOV-PG-101B	1	4.000E-005	1.000E-007	+0.000E+000
1263	CIA-AOV-PG-TV100	1	4.000E-005	1.000E-007	+0.000E+000
1264	CIA-AOV-PG-TV125	1	4.000E-005	1.000E-007	+0.000E+000
1265	CIA-CCF-FR-IAC4	2	4.800E-004	2.000E-005	+0.000E+000
1266	CIA-CPS-FR-IAC4A	2	4.800E-003	2.000E-004	+0.000E+000
1267	CIA-CPS-FR-IAC4B	2	4.800E-003	2.000E-004	+0.000E+000
1268	CIA-CPS-FS-IAC4B	1	8.000E-002	+0.000E+000	+0.000E+000
1269	CIR-COND-UNAVLBL	1	1.000E-002	+0.000E+000	+0.000E+000
1270	CKV-CCF-FT-CLDLG	1	1.000E-005	+0.000E+000	+0.000E+000
1271	CKV-CCF-FT-HTLG1	1	1.000E-005	+0.000E+000	+0.000E+000
1272	CKV-CCF-FT-HTLG2	1	1.000E-005	+0.000E+000	+0.000E+000
1273	CLS-ACT-FA-CLS2A	1	1.600E-003	+0.000E+000	+0.000E+000
1274	CLS-ACT-FA-CLS2B	1	1.600E-003	+0.000E+000	+0.000E+000
1275	CLS-ACT-OP-CLS2	F	+0.000E+000	+0.000E+000	+0.000E+000
1276	CLS-H	F	+0.000E+000	+0.000E+000	+0.000E+000
1277	CLS-HH	F	+0.000E+000	+0.000E+000	+0.000E+000
1278	CON-VFC-RP-COREM	1	2.000E-002	+0.000E+000	+0.000E+000
1279	CONT/AFW-SGN	F	+0.000E+000	+0.000E+000	+0.000E+000
1280	CPC-AOV-FT-108B	1	1.000E-003	+0.000E+000	+0.000E+000
1281	CPC-AOV-FT-108C	1	1.000E-003	+0.000E+000	+0.000E+000
1282	CPC-CCF-FT-8BC	1	1.000E-004	+0.000E+000	+0.000E+000
1283	CPC-CCF-LF-STR1	1	4.700E-005	7.900E-006	6.000E+000
1284	CPC-CCF-LF-STRAB	1	4.700E-005	7.900E-006	6.000E+000
1285	CPC-CKV-FT-CV108	1	1.000E-004	+0.000E+000	+0.000E+000
1286	CPC-CKV-FT-CV262	1	1.000E-004	+0.000E+000	+0.000E+000
1287	CPC-CKV-FT-CV752	1	1.000E-004	+0.000E+000	+0.000E+000
1288	CPC-CKV-00-CV113	1	1.000E-003	+0.000E+000	+0.000E+000
1289	CPC-CKV-00-CV764	1	1.000E-003	+0.000E+000	+0.000E+000
1290	CPC-ICC-FA-CCPBS	1	3.200E-004	+0.000E+000	+0.000E+000
1291	CPC-ICC-FA-SWPBS	1	3.200E-004	+0.000E+000	+0.000E+000
1292	CPC-ICC-FA-TCV8B	1	1.600E-003	+0.000E+000	+0.000E+000
1293	CPC-ICC-FA-TCV8C	1	1.600E-003	+0.000E+000	+0.000E+000
1294	CPC-MDP-FR-2CC2A	4	1.800E-004	3.000E-005	6.000E+000
1295	CPC-MDP-FR-CC2A	4	7.200E-004	3.000E-005	2.400E+001
1296	CPC-MDP-FR-CC2B	4	7.200E-004	3.000E-005	2.400E+001

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1297	CPC-MDP-FR-SW10A	1	3.840E-003	1.600E-004	2.400E+001
1298	CPC-MDP-FR-SW10B	1	3.840E-003	1.600E-004	2.400E+001
1299	CPC-MDP-FR-SW20A	1	9.600E-004	1.600E-004	6.000E+000
1300	CPC-MDP-FS-2CC2A	1	3.000E-003	+0.000E+000	+0.000E+000
1301	CPC-MDP-FS-CC2B	1	3.000E-003	+0.000E+000	+0.000E+000
1302	CPC-MDP-FS-SW10B	1	8.000E-003	+0.000E+000	+0.000E+000
1303	CPC-MDP-FS-SW20A	1	8.000E-003	+0.000E+000	+0.000E+000
1304	CPC-MDP-MA-CC2B	1	2.000E-003	+0.000E+000	+0.000E+000
1305	CPC-MDP-MA-SW10A	1	+0.000E+000	+0.000E+000	+0.000E+000
1306	CPC-MDP-MA-SW10B	1	9.274E-001	+0.000E+000	+0.000E+000
1307	CPC-MDP-MAOCC2B	1	2.000E-003	+0.000E+000	+0.000E+000
1308	CPC-MDP-MAOSW10B	1	4.473E-001	+0.000E+000	+0.000E+000
1309	CPC-STR-PG-1AU26	4	1.800E-004	3.000E-005	6.000E+000
1310	CPC-STR-PG-2AU26	4	1.800E-004	3.000E-005	6.000E+000
1311	CPC-STR-PG-STR1A	4	1.800E-004	3.000E-005	6.000E+000
1312	CPC-STR-PG-STR1B	4	1.800E-004	3.000E-005	6.000E+000
1313	CPC-STR-PG-STR2A	4	1.800E-004	3.000E-005	6.000E+000
1314	CPC-STR-PG-STR2B	4	1.800E-004	3.000E-005	6.000E+000
1315	CPC-XVM-PG-2SW11	6	8.400E-006	1.000E-007	1.680E+002
1316	CPC-XVM-PG-SW474	6	8.400E-006	1.000E-007	1.680E+002
1317	CPC-XVM-PG-XV109	1	8.400E-006	1.000E-007	1.680E+002
1318	CPC-XVM-PG-XV117	1	3.650E-005	1.000E-007	7.200E+002
1319	CPC-XVM-PG-XV118	1	8.400E-006	1.000E-007	1.680E+002
1320	CPC-XVM-PG-XV119	1	8.400E-006	1.000E-007	1.680E+002
1321	CPC-XVM-PG-XV120	1	3.650E-005	1.000E-007	7.200E+002
1322	CPC-XVM-PG-XV122	1	3.650E-005	1.000E-007	7.200E+002
1323	CPC-XVM-PG-XV123	1	3.650E-005	1.000E-007	7.200E+002
1324	CPC-XVM-PG-XV124	1	3.650E-005	1.000E-007	7.200E+002
1325	CPC-XVM-PG-XV125	1	3.650E-005	1.000E-007	7.200E+002
1326	CPC-XVM-PG-XV126	1	3.650E-005	1.000E-007	7.200E+002
1327	CPC-XVM-PG-XV170	1	3.650E-005	1.000E-007	7.200E+002
1328	CPC-XVM-PG-XV171	1	8.400E-006	1.000E-007	1.680E+002
1329	CPC-XVM-PG-XV172	1	3.650E-005	1.000E-007	7.200E+002
1330	CPC-XVM-PG-XV173	1	3.650E-005	1.000E-007	7.200E+002
1331	CPC-XVM-PG-XV261	1	8.400E-006	1.000E-007	1.680E+002
1332	CPC-XVM-PG-XV305	1	8.400E-006	1.000E-007	1.680E+002
1333	CPC-XVM-PG-XV306	1	8.400E-006	1.000E-007	1.680E+002
1334	CPC-XVM-PG-XV701	1	3.650E-005	1.000E-007	7.200E+002
1335	CPC-XVM-PG-XV781	1	3.650E-005	1.000E-007	7.200E+002
1336	CSS-CCF-FS-CS1AB	1	3.300E-004	+0.000E+000	+0.000E+000
1337	CSS-CCF-FT-101AB	1	2.600E-004	+0.000E+000	+0.000E+000
1338	CSS-CCF-FT-101CD	1	2.600E-004	+0.000E+000	+0.000E+000
1339	CSS-CKV-FT-CV13	1	1.000E-004	+0.000E+000	+0.000E+000
1340	CSS-CKV-FT-CV24	1	1.000E-004	+0.000E+000	+0.000E+000
1341	CSS-FLT-PG-CS1A	1	3.000E-005	3.000E-005	1.000E+000
1342	CSS-FLT-PG-CS1B	1	3.000E-005	3.000E-005	1.000E+000
1343	CSS-MDP-FR-1A1HR	4	3.000E-005	3.000E-005	1.000E+000
1344	CSS-MDP-FR-1B1HR	4	3.000E-005	3.000E-005	1.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1345	CSS-MDP-FS-CS1A	1	3.000E-003	+0.000E+000	+0.000E+000
1346	CSS-MDP-FS-CS1B	1	3.000E-003	+0.000E+000	+0.000E+000
1347	CSS-MDP-MA-CS1A	1	2.000E-003	+0.000E+000	+0.000E+000
1348	CSS-MDP-MA-CS1B	1	2.000E-003	+0.000E+000	+0.000E+000
1349	CSS-MDP-MA0CS1B	1	2.000E-003	+0.000E+000	+0.000E+000
1350	CSS-MDP-OP-AB	F	+0.000E+000	+0.000E+000	+0.000E+000
1351	CSS-MOV-FT-101A	1	3.000E-003	+0.000E+000	+0.000E+000
1352	CSS-MOV-FT-101B	1	3.000E-003	+0.000E+000	+0.000E+000
1353	CSS-MOV-FT-101C	1	3.000E-003	+0.000E+000	+0.000E+000
1354	CSS-MOV-FT-101D	1	3.000E-003	+0.000E+000	+0.000E+000
1355	CSS-MOV-PG-100A	1	1.095E-004	1.000E-007	2.160E+003
1356	CSS-MOV-PG-100B	1	1.095E-004	1.000E-007	2.160E+003
1357	CSS-TRA-MA	1	2.500E-001	+0.000E+000	+0.000E+000
1358	CSS-XVM-RE-XV15	1	3.000E-003	+0.000E+000	+0.000E+000
1359	CSS-XVM-RE-XV8	1	3.000E-003	+0.000E+000	+0.000E+000
1360	CVC-MDP-FR-2A1HR	4	3.000E-005	3.000E-005	1.000E+000
1361	D-4KD6-XHE	1	1.000E+000	+0.000E+000	+0.000E+000
1362	D-4KW1-XHE	1	2.300E-005	+0.000E+000	+0.000E+000
1363	D-4KW2-XHE	1	1.200E-005	+0.000E+000	+0.000E+000
1364	D-4KW3-XHE	1	1.200E-005	+0.000E+000	+0.000E+000
1365	D-4KW4-XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1366	D-ARW1-XHE	1	2.300E-005	+0.000E+000	+0.000E+000
1367	D-ARW2-XHE	1	1.200E-005	+0.000E+000	+0.000E+000
1368	D-ARW3-XHE	1	1.200E-005	+0.000E+000	+0.000E+000
1369	D-ARW4-XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1370	D-B1W1-XHE	1	2.200E-002	+0.000E+000	+0.000E+000
1371	D-B1W2-XHE	1	4.300E-002	+0.000E+000	+0.000E+000
1372	D-B1W3-XHE	1	4.300E-002	+0.000E+000	+0.000E+000
1373	D-B1W4-XHE	1	1.200E-003	+0.000E+000	+0.000E+000
1374	D-B2W1-XHE	1	9.700E-003	+0.000E+000	+0.000E+000
1375	D-B2W2-XHE	1	7.400E-003	+0.000E+000	+0.000E+000
1376	D-B2W3-XHE	1	7.400E-003	+0.000E+000	+0.000E+000
1377	D-B2W4-XHE	1	7.200E-004	+0.000E+000	+0.000E+000
1378	D-CCW1-XHE	1	2.300E-005	+0.000E+000	+0.000E+000
1379	D-CCW2-XHE	1	7.700E-006	+0.000E+000	+0.000E+000
1380	D-CCW3-XHE	1	7.700E-006	+0.000E+000	+0.000E+000
1381	D-CCW4-XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1382	D-L1W1-XHE	1	8.200E-004	+0.000E+000	+0.000E+000
1383	D-L1W2-XHE	1	3.600E-004	+0.000E+000	+0.000E+000
1384	D-L1W3-XHE	1	3.600E-004	+0.000E+000	+0.000E+000
1385	D-L1W4-XHE	1	8.000E-005	+0.000E+000	+0.000E+000
1386	D-L2W1-XHE	1	1.000E-003	+0.000E+000	+0.000E+000
1387	D-L2W2-XHE	1	7.400E-004	+0.000E+000	+0.000E+000
1388	D-L2W3-XHE	1	7.400E-004	+0.000E+000	+0.000E+000
1389	D-L2W4-XHE	1	1.000E-004	+0.000E+000	+0.000E+000
1390	D-L3W1-XHE	1	4.300E-003	+0.000E+000	+0.000E+000
1391	D-L3W2-XHE	1	1.900E-003	+0.000E+000	+0.000E+000
1392	D-L3W3-XHE	1	1.900E-003	+0.000E+000	+0.000E+000

BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1393	D-L3W4 -XHE	1	4.100E-004	+0.000E+000	+0.000E+000
1394	D-R3D6 -XHE	1	2.300E-005	+0.000E+000	+0.000E+000
1395	D-R3R10 -XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1396	D-R3R6 -XHE	1	7.700E-006	+0.000E+000	+0.000E+000
1397	D-R3W1 -XHE	1	2.300E-005	+0.000E+000	+0.000E+000
1398	D-R3W2 -XHE	1	7.700E-006	+0.000E+000	+0.000E+000
1399	D-R3W3 -XHE	1	7.700E-006	+0.000E+000	+0.000E+000
1400	D-R3W4 -XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1401	D-R4D6 -XHE	1	1.500E-005	+0.000E+000	+0.000E+000
1402	D-R4R10 -XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1403	D-R4R6 -XHE	1	5.100E-006	+0.000E+000	+0.000E+000
1404	D-R4W1 -XHE	1	1.500E-005	+0.000E+000	+0.000E+000
1405	D-R4W2 -XHE	1	5.100E-006	+0.000E+000	+0.000E+000
1406	D-R4W3 -XHE	1	5.100E-006	+0.000E+000	+0.000E+000
1407	D-R4W4 -XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1408	D-R5D6 -XHE	1	2.300E-005	+0.000E+000	+0.000E+000
1409	D-R5R10 -XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1410	D-R5R6 -XHE	1	1.200E-005	+0.000E+000	+0.000E+000
1411	D-R5W1 -XHE	1	2.300E-005	+0.000E+000	+0.000E+000
1412	D-R5W2 -XHE	1	1.200E-005	+0.000E+000	+0.000E+000
1413	D-R5W3 -XHE	1	1.200E-005	+0.000E+000	+0.000E+000
1414	D-R5W4 -XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1415	D-RAD6 -XHE	1	1.500E-005	+0.000E+000	+0.000E+000
1416	D-RAR10 -XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1417	D-RAR6 -XHE	1	5.100E-006	+0.000E+000	+0.000E+000
1418	D-RAW1 -XHE	1	1.500E-005	+0.000E+000	+0.000E+000
1419	D-RAW2 -XHE	1	5.100E-006	+0.000E+000	+0.000E+000
1420	D-RAW3 -XHE	1	5.100E-006	+0.000E+000	+0.000E+000
1421	D-RAW4 -XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1422	D-RBD6 -XHE	1	1.500E-005	+0.000E+000	+0.000E+000
1423	D-RBR10 -XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1424	D-RBR6 -XHE	1	5.100E-006	+0.000E+000	+0.000E+000
1425	D-RBW1 -XHE	1	1.500E-005	+0.000E+000	+0.000E+000
1426	D-RBW2 -XHE	1	5.100E-006	+0.000E+000	+0.000E+000
1427	D-RBW3 -XHE	1	5.100E-006	+0.000E+000	+0.000E+000
1428	D-RBW4 -XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1429	D-SIW1 -XHE	1	2.300E-005	+0.000E+000	+0.000E+000
1430	D-SIW2 -XHE	1	1.200E-005	+0.000E+000	+0.000E+000
1431	D-SIW3 -XHE	1	1.200E-005	+0.000E+000	+0.000E+000
1432	D-SIW4 -XHE	1	1.100E-006	+0.000E+000	+0.000E+000
1433	D-SRW1 -XHE	1	1.400E-002	+0.000E+000	+0.000E+000
1434	D-SRW2 -XHE	1	1.400E-002	+0.000E+000	+0.000E+000
1435	D-SRW3 -XHE	1	1.400E-002	+0.000E+000	+0.000E+000
1436	D-SRW4 -XHE	1	4.800E-003	+0.000E+000	+0.000E+000
1437	D-VBW1 -XHE	1	8.000E-005	+0.000E+000	+0.000E+000
1438	D-VBW2 -XHE	1	2.700E-005	+0.000E+000	+0.000E+000
1439	D-VBW3 -XHE	1	2.700E-005	+0.000E+000	+0.000E+000
1440	D-VBW4 -XHE	1	5.900E-006	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1441	DCP-BAT-LP-BAT1A	1	7.200E-004	1.000E-006	1.440E+003
1442	DCP-BAT-LP-BAT1B	1	7.200E-004	1.000E-006	1.440E+003
1443	DCP-BDC-MA-BAT1B	F	+0.000E+000	+0.000E+000	+0.000E+000
1444	DCP-BDC-MAOBAT1B	F	+0.000E+000	+0.000E+000	+0.000E+000
1445	DCP-BDC-ST-BUS1A	1	9.000E-005	+0.000E+000	+0.000E+000
1446	DCP-BDC-ST-BUS1B	1	9.000E-005	+0.000E+000	+0.000E+000
1447	DCP-CCF-LP-BT1AB	1	5.800E-006	+0.000E+000	+0.000E+000
1448	DCP-CRB-CO-19	1	2.900E-005	+0.000E+000	+0.000E+000
1449	DCP-CRB-CO-20	1	2.900E-005	+0.000E+000	+0.000E+000
1450	DCP-CRB-CO-23	1	2.900E-005	+0.000E+000	+0.000E+000
1451	DCP-CRB-CO-24	1	2.900E-005	+0.000E+000	+0.000E+000
1452	DR-MT	1	1.200E+000	+0.000E+000	+0.000E+000
1453	DURATION-D6	1	2.550E+002	+0.000E+000	+0.000E+000
1454	DURATION-R10	1	4.440E+002	+0.000E+000	+0.000E+000
1455	DURATION-R6	1	2.380E+002	+0.000E+000	+0.000E+000
1456	FIRE-PUMP	2	1.632E-001	6.800E-003	+0.000E+000
1457	FRAC-POS10	1	5.000E-001	+0.000E+000	+0.000E+000
1458	FREQ-4KV	1	2.100E-005	+0.000E+000	+0.000E+000
1459	FREQ-AIR	1	2.120E-006	+0.000E+000	+0.000E+000
1460	FREQ-B1	1	1.952E-008	+0.000E+000	+0.000E+000
1461	FREQ-B2	1	3.167E-009	+0.000E+000	+0.000E+000
1462	FREQ-CCW	1	3.760E-006	+0.000E+000	+0.000E+000
1463	FREQ-L1	1	6.197E-006	+0.000E+000	+0.000E+000
1464	FREQ-L2	1	7.368E-007	+0.000E+000	+0.000E+000
1465	FREQ-L3	1	3.810E-008	+0.000E+000	+0.000E+000
1466	FREQ-RHR2B	1	1.220E-005	+0.000E+000	+0.000E+000
1467	FREQ-RHR3	1	4.090E-006	+0.000E+000	+0.000E+000
1468	FREQ-RHR4	1	5.280E-006	+0.000E+000	+0.000E+000
1469	FREQ-RHR5	1	2.120E-005	+0.000E+000	+0.000E+000
1470	FREQ-SI	1	1.060E-004	+0.000E+000	+0.000E+000
1471	FREQ-SR	1	1.810E-008	+0.000E+000	+0.000E+000
1472	FREQ-VB	1	5.580E-006	+0.000E+000	+0.000E+000
1473	H-4KV-REC-W1	1	1.800E-002	+0.000E+000	+0.000E+000
1474	H-4KV-REC-W2	1	1.300E-002	+0.000E+000	+0.000E+000
1475	H-4KV-REC-W3	1	9.000E-003	+0.000E+000	+0.000E+000
1476	H-4KV-REC-W4	1	8.000E-003	+0.000E+000	+0.000E+000
1477	H-CCW-REC-W1	1	8.000E-001	+0.000E+000	+0.000E+000
1478	H-CCW-REC-W2	1	4.500E-001	+0.000E+000	+0.000E+000
1479	H-CCW-REC-W3	1	2.500E-001	+0.000E+000	+0.000E+000
1480	H-CCW-REC-W4	1	1.500E-001	+0.000E+000	+0.000E+000
1481	H-SI-REC-W1	1	3.500E-001	+0.000E+000	+0.000E+000
1482	H-SI-REC-W2	1	2.200E-001	+0.000E+000	+0.000E+000
1483	H-SI-REC-W3	1	1.600E-001	+0.000E+000	+0.000E+000
1484	H-SI-REC-W4	1	1.300E-001	+0.000E+000	+0.000E+000
1485	H-VB-REC-W1	1	3.000E-001	+0.000E+000	+0.000E+000
1486	H-VB-REC-W2	1	2.000E-001	+0.000E+000	+0.000E+000
1487	H-VB-REC-W3	1	1.500E-001	+0.000E+000	+0.000E+000
1488	H-VB-REC-W4	1	1.200E-001	+0.000E+000	+0.000E+000

BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1489	HOUSE-AIR	T	1.000E+000	+0.000E+000	+0.000E+000
1490	HOUSE-ALOCA	F	+0.000E+000	+0.000E+000	+0.000E+000
1491	HOUSE-B1	F	+0.000E+000	+0.000E+000	+0.000E+000
1492	HOUSE-B2	F	+0.000E+000	+0.000E+000	+0.000E+000
1493	HOUSE-L2	F	+0.000E+000	+0.000E+000	+0.000E+000
1494	HOUSE-L2-NRAC	F	+0.000E+000	+0.000E+000	+0.000E+000
1495	HOUSE-L3	F	+0.000E+000	+0.000E+000	+0.000E+000
1496	HOUSE-LOSP	F	+0.000E+000	+0.000E+000	+0.000E+000
1497	HOUSE-NOT-POS313	F	+0.000E+000	+0.000E+000	+0.000E+000
1498	HOUSE-NOT-POS412	F	+0.000E+000	+0.000E+000	+0.000E+000
1499	HOUSE-POS313	T	1.000E+000	+0.000E+000	+0.000E+000
1500	HOUSE-POS412	T	1.000E+000	+0.000E+000	+0.000E+000
1501	HOUSE-RHR5A	F	+0.000E+000	+0.000E+000	+0.000E+000
1502	HOUSE-SB0	F	+0.000E+000	+0.000E+000	+0.000E+000
1503	HOUSE-SB01	F	+0.000E+000	+0.000E+000	+0.000E+000
1504	HOUSE-SB02	F	+0.000E+000	+0.000E+000	+0.000E+000
1505	HOUSE-STBUSA	1	1.000E+000	+0.000E+000	+0.000E+000
1506	HPI-CCF-FS-CH1BC	1	8.400E-004	+0.000E+000	+0.000E+000
1507	HPI-CCF-FT-115BD	1	2.600E-004	+0.000E+000	+0.000E+000
1508	HPI-CCF-FT-867CD	1	2.600E-004	+0.000E+000	+0.000E+000
1509	HPI-CCF-FT-869AB	1	2.600E-004	+0.000E+000	+0.000E+000
1510	HPI-CKV-FT-CV225	1	1.000E-004	+0.000E+000	+0.000E+000
1511	HPI-CKV-FT-CV25	1	1.000E-004	+0.000E+000	+0.000E+000
1512	HPI-CKV-FT-CV267	1	1.000E-004	+0.000E+000	+0.000E+000
1513	HPI-CKV-FT-CV276	1	1.000E-004	+0.000E+000	+0.000E+000
1514	HPI-CKV-FT-CV410	1	1.000E-004	+0.000E+000	+0.000E+000
1515	HPI-CKV-00-267U2	1	1.000E-003	+0.000E+000	+0.000E+000
1516	HPI-CKV-00-276U2	1	1.000E-003	+0.000E+000	+0.000E+000
1517	HPI-CKV-00-CV258	1	1.000E-003	+0.000E+000	+0.000E+000
1518	HPI-MDP-FR-1A6HR	4	3.780E-004	6.300E-005	6.000E+000
1519	HPI-MDP-FR-1B6HR	4	3.780E-004	6.300E-005	6.000E+000
1520	HPI-MDP-FR-1C12H	4	7.560E-004	6.300E-005	1.200E+001
1521	HPI-MDP-FR-1C6HR	4	3.780E-004	6.300E-005	6.000E+000
1522	HPI-MDP-FR-2C6HR	4	3.780E-004	6.300E-005	6.000E+000
1523	HPI-MDP-FS-CH1B	1	4.000E-003	+0.000E+000	+0.000E+000
1524	HPI-MDP-FS-CH1C	1	4.000E-003	+0.000E+000	+0.000E+000
1525	HPI-MDP-FS-CH2C	1	4.000E-003	+0.000E+000	+0.000E+000
1526	HPI-MDP-MA-CH1A	F	+0.000E+000	+0.000E+000	+0.000E+000
1527	HPI-MDP-MA-CH1B	T	1.000E+000	+0.000E+000	+0.000E+000
1528	HPI-MDP-MA-CH1C	T	1.000E+000	+0.000E+000	+0.000E+000
1529	HPI-MDP-MAOCH1A	F	+0.000E+000	+0.000E+000	+0.000E+000
1530	HPI-MDP-MAOCH1B	T	1.000E+000	+0.000E+000	+0.000E+000
1531	HPI-MDP-MAOCH1C	T	1.000E+000	+0.000E+000	+0.000E+000
1532	HPI-MOD-FT-101B	1	1.090E-002	+0.000E+000	+0.000E+000
1533	HPI-MOD-FT-101C	1	1.090E-002	+0.000E+000	+0.000E+000
1534	HPI-MOV-FT-1115B	1	3.000E-003	+0.000E+000	+0.000E+000
1535	HPI-MOV-FT-1115C	1	3.000E-003	+0.000E+000	+0.000E+000
1536	HPI-MOV-FT-1115D	1	3.000E-003	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1537	HPI-MOV-FT-1115E	1	3.000E-003	+0.000E+000	+0.000E+000
1538	HPI-MOV-FT-1350	1	3.000E-003	+0.000E+000	+0.000E+000
1539	HPI-MOV-FT-1867C	1	3.000E-003	+0.000E+000	+0.000E+000
1540	HPI-MOV-FT-1867D	1	3.000E-003	+0.000E+000	+0.000E+000
1541	HPI-MOV-FT-1869A	1	3.000E-003	+0.000E+000	+0.000E+000
1542	HPI-MOV-FT-1869B	1	3.000E-003	+0.000E+000	+0.000E+000
1543	HPI-MOV-PG-1115B	1	4.000E-005	1.000E-007	7.200E+002
1544	HPI-MOV-PG-1115D	1	4.000E-005	1.000E-007	7.200E+002
1545	HPI-MOV-PG-1269A	1	4.000E-005	1.000E-007	7.200E+002
1546	HPI-MOV-PG-1270A	1	4.000E-005	1.000E-007	7.200E+002
1547	HPI-MOV-PG-1286B	1	4.000E-005	1.000E-007	7.200E+002
1548	HPI-MOV-PG-1286C	1	4.000E-005	1.000E-007	7.200E+002
1549	HPI-MOV-PG-1350	1	4.000E-005	1.000E-007	7.200E+002
1550	HPI-MOV-PG-1867C	1	4.000E-005	1.000E-007	7.200E+002
1551	HPI-MOV-PG-1867D	1	4.000E-005	1.000E-007	7.200E+002
1552	HPI-MOV-PG-1869A	1	4.000E-005	1.000E-007	7.200E+002
1553	HPI-MOV-PG-1869B	1	4.000E-005	1.000E-007	7.200E+002
1554	HPI-XHE-FO-PLLCK	1	2.700E-006	+0.000E+000	+0.000E+000
1555	HPI-XHE-FO-COLD	F	+0.000E+000	+0.000E+000	+0.000E+000
1556	HPI-XHE-FO-FBHLG	F	+0.000E+000	+0.000E+000	+0.000E+000
1557	HPI-XHE-FO-FDBLD	F	+0.000E+000	+0.000E+000	+0.000E+000
1558	HPI-XHE-FO-HOTLG	F	+0.000E+000	+0.000E+000	+0.000E+000
1559	HPI-XHE-FO-PLLCK	1	2.700E-006	+0.000E+000	+0.000E+000
1560	HPI-XVM-PG-XV24	1	4.000E-005	1.000E-007	7.200E+002
1561	HPR-MDP-FR-1C12H	1	8.000E-004	+0.000E+000	+0.000E+000
1562	HPR-MDP-FR-A18HR	4	1.224E-003	6.800E-005	1.800E+001
1563	HPR-MDP-FR-B18HR	4	1.224E-003	6.800E-005	1.800E+001
1564	IAS-AOV-FT-TV126	1	1.000E-003	+0.000E+000	+0.000E+000
1565	IAS-AOV-LK-CC107	1	2.400E-005	+0.000E+000	+0.000E+000
1566	IAS-AOV-OC-CC107	1	7.500E-007	+0.000E+000	+0.000E+000
1567	IAS-AOV-PG-CC107	1	4.000E-005	1.000E-007	7.200E+002
1568	IAS-AOV-PG-TV125	1	4.000E-005	1.000E-007	+0.000E+000
1569	IAS-CCF-LF-INAIR	1	2.700E-005	+0.000E+000	+0.000E+000
1570	IAS-CPS-FR-IAC-1	2	4.800E-003	2.000E-004	+0.000E+000
1571	IAS-CPS-FS-IAC-1	1	8.000E-002	+0.000E+000	+0.000E+000
1572	IAS-DYR-LF-IAD1	2	7.200E-004	3.000E-005	+0.000E+000
1573	ISR-CCF-FS-RS1AB	1	4.200E-003	+0.000E+000	+0.000E+000
1574	ISR-MDP-FR-RS1A	4	7.200E-004	3.000E-005	2.400E+001
1575	ISR-MDP-FR-RS1B	4	7.200E-004	3.000E-005	2.400E+001
1576	ISR-MDP-FS-RS1A	1	3.800E-002	+0.000E+000	+0.000E+000
1577	ISR-MDP-FS-RS1B	1	3.800E-002	+0.000E+000	+0.000E+000
1578	ISR-MDP-MA-RS1A	1	2.000E-003	+0.000E+000	+0.000E+000
1579	ISR-MDP-MA-RS1B	1	2.000E-003	+0.000E+000	+0.000E+000
1580	ISR-MDP-OP-1AB	F	+0.000E+000	+0.000E+000	+0.000E+000
1581	ISR-STR-PG-RS1AS	4	7.200E-004	3.000E-005	2.400E+001
1582	ISR-STR-PG-RS1BS	4	7.200E-004	3.000E-005	2.400E+001
1583	ISR-TRA-MA	1	2.500E-001	+0.000E+000	+0.000E+000
1584	K	1	6.000E-005	+0.000E+000	+0.000E+000

BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1585	L	1	1.000E+000	+0.000E+000	+0.000E+000
1586	LOOP-ISOLATED-6E	1	3.000E-001	+0.000E+000	+0.000E+000
1587	LOOP-ISOLATED-6T	1	7.000E-001	+0.000E+000	+0.000E+000
1588	LOOPISOLATED1D6	T	1.000E+000	+0.000E+000	+0.000E+000
1589	LOOPISOLATED1R10	T	1.000E+000	+0.000E+000	+0.000E+000
1590	LOOPISOLATED1R6	1	3.000E-001	+0.000E+000	+0.000E+000
1591	LOOPISOLATED2D6	F	+0.000E+000	+0.000E+000	+0.000E+000
1592	LOOPISOLATED2R10	T	1.000E+000	+0.000E+000	+0.000E+000
1593	LOOPISOLATED2R6	1	7.000E-001	+0.000E+000	+0.000E+000
1594	LOOPISOLATED3D6	F	+0.000E+000	+0.000E+000	+0.000E+000
1595	LOOPISOLATED3R10	T	1.000E+000	+0.000E+000	+0.000E+000
1596	LOOPISOLATED3R6	T	1.000E+000	+0.000E+000	+0.000E+000
1597	LOOPISOLATED4D6	F	+0.000E+000	+0.000E+000	+0.000E+000
1598	LOOPISOLATED4R10	T	1.000E+000	+0.000E+000	+0.000E+000
1599	LOOPISOLATED4R6	T	1.000E+000	+0.000E+000	+0.000E+000
1600	LOSP	2	1.670E-004	6.960E-006	+0.000E+000
1601	LPI-CCF-FS-SI1AB	1	4.500E-004	+0.000E+000	+0.000E+000
1602	LPI-CKV-FT-243	1	1.000E-004	+0.000E+000	+0.000E+000
1603	LPI-CKV-FT-CV239	1	1.000E-004	+0.000E+000	+0.000E+000
1604	LPI-CKV-FT-CV240	1	1.000E-004	+0.000E+000	+0.000E+000
1605	LPI-CKV-FT-CV241	1	1.000E-004	+0.000E+000	+0.000E+000
1606	LPI-CKV-FT-CV242	1	1.000E-004	+0.000E+000	+0.000E+000
1607	LPI-CKV-FT-CV46A	1	1.000E-004	+0.000E+000	+0.000E+000
1608	LPI-CKV-FT-CV46B	1	1.000E-004	+0.000E+000	+0.000E+000
1609	LPI-CKV-FT-CV50	1	1.000E-004	+0.000E+000	+0.000E+000
1610	LPI-CKV-FT-CV58	1	1.000E-004	+0.000E+000	+0.000E+000
1611	LPI-CKV-FT-CV79	1	1.000E-004	+0.000E+000	+0.000E+000
1612	LPI-CKV-FT-CV82	1	1.000E-004	+0.000E+000	+0.000E+000
1613	LPI-CKV-FT-CV85	1	1.000E-004	+0.000E+000	+0.000E+000
1614	LPI-CKV-FT-CV91	1	1.000E-004	+0.000E+000	+0.000E+000
1615	LPI-CKV-FT-CV94	1	1.000E-004	+0.000E+000	+0.000E+000
1616	LPI-CKV-00-CV50	1	1.000E-003	+0.000E+000	+0.000E+000
1617	LPI-CKV-00-CV58	1	1.000E-003	+0.000E+000	+0.000E+000
1618	LPI-MDP-FR-1A1HR	4	3.000E-005	3.000E-005	1.000E+000
1619	LPI-MDP-FR-1A6HR	4	1.800E-004	3.000E-005	6.000E+000
1620	LPI-MDP-FR-1B1HR	4	3.000E-005	3.000E-005	1.000E+000
1621	LPI-MDP-FR-1B6HR	4	1.800E-004	3.000E-005	6.000E+000
1622	LPI-MDP-FR-A18HR	4	5.400E-004	3.000E-005	1.800E+001
1623	LPI-MDP-FR-A24HR	4	7.200E-004	3.000E-005	2.400E+001
1624	LPI-MDP-FR-B18HR	4	5.400E-004	3.000E-005	1.800E+001
1625	LPI-MDP-FR-B24HR	4	7.200E-004	3.000E-005	2.400E+001
1626	LPI-MDP-FS-SI1A	1	3.000E-003	+0.000E+000	+0.000E+000
1627	LPI-MDP-FS-SI1B	1	3.000E-003	+0.000E+000	+0.000E+000
1628	LPI-MDP-MA-SI1A	T	1.000E+000	+0.000E+000	+0.000E+000
1629	LPI-MDP-MA-SI1B	F	+0.000E+000	+0.000E+000	+0.000E+000
1630	LPI-MDP-MAOSI1A	T	1.000E+000	+0.000E+000	+0.000E+000
1631	LPI-MDP-MAOSI1B	F	+0.000E+000	+0.000E+000	+0.000E+000
1632	LPI-MOV-CC-1890C	1	3.000E-003	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1633	LPI-MOV-MA-1862A	1	+0.000E+000	+0.000E+000	+0.000E+000
1634	LPI-MOV-MA01862A	1	+0.000E+000	+0.000E+000	+0.000E+000
1635	LPI-MOV-00-1890C	1	5.200E-003	+0.000E+000	+0.000E+000
1636	LPI-MOV-PG-1862A	1	4.000E-005	1.000E-007	7.200E+002
1637	LPI-MOV-PG-1862B	1	4.000E-005	1.000E-007	7.200E+002
1638	LPI-MOV-PG-1864A	1	4.400E-004	1.000E-007	8.760E+003
1639	LPI-MOV-PG-1864B	1	4.400E-004	1.000E-007	8.760E+003
1640	LPI-MOV-PG-1890C	1	4.400E-004	1.000E-007	8.760E+003
1641	LPI-XHE-FO-COLD	F	+0.000E+000	+0.000E+000	+0.000E+000
1642	LPI-XHE-FO-HOTLG	F	+0.000E+000	+0.000E+000	+0.000E+000
1643	LPI-XVM-PG-XV48	1	3.650E-005	1.000E-007	7.200E+002
1644	LPI-XVM-PG-XV57	1	3.650E-005	1.000E-007	7.200E+002
1645	LPR-CCF-FT-860AB	1	2.600E-004	+0.000E+000	+0.000E+000
1646	LPR-CCF-FT-862AB	1	2.600E-004	+0.000E+000	+0.000E+000
1647	LPR-CCF-FT-863AB	1	2.600E-004	+0.000E+000	+0.000E+000
1648	LPR-CCF-FT-890AB	1	2.600E-004	+0.000E+000	+0.000E+000
1649	LPR-CCF-PG-SUMP	1	5.000E-005	+0.000E+000	+0.000E+000
1650	LPR-CCF-PG-SUMP1	1	1.000E-002	+0.000E+000	+0.000E+000
1651	LPR-CCF-PG-SUMP2	1	1.000E-001	+0.000E+000	+0.000E+000
1652	LPR-CKV-FT-CV22P	1	1.000E-004	+0.000E+000	+0.000E+000
1653	LPR-CKV-FT-CV229	1	1.000E-004	+0.000E+000	+0.000E+000
1654	LPR-CKV-FT-CV47	1	1.000E-004	+0.000E+000	+0.000E+000
1655	LPR-CKV-FT-CV56	1	1.000E-004	+0.000E+000	+0.000E+000
1656	LPR-MOV-FT-1860A	1	3.000E-003	+0.000E+000	+0.000E+000
1657	LPR-MOV-FT-1860B	1	3.000E-003	+0.000E+000	+0.000E+000
1658	LPR-MOV-FT-1862A	1	5.200E-003	+0.000E+000	+0.000E+000
1659	LPR-MOV-FT-1862B	1	5.200E-003	+0.000E+000	+0.000E+000
1660	LPR-MOV-FT-1863A	1	3.000E-003	+0.000E+000	+0.000E+000
1661	LPR-MOV-FT-1863B	1	3.000E-003	+0.000E+000	+0.000E+000
1662	LPR-MOV-FT-1890A	1	3.000E-003	+0.000E+000	+0.000E+000
1663	LPR-MOV-FT-1890B	1	3.000E-003	+0.000E+000	+0.000E+000
1664	LPR-MOV-PG-1863A	1	6.600E-004	1.000E-007	1.300E+004
1665	LPR-MOV-PG-1863B	1	6.600E-004	1.000E-007	1.300E+004
1666	LPR-MOV-PG-1890A	1	6.600E-004	1.000E-007	1.300E+004
1667	LPR-MOV-PG-1890B	1	6.600E-004	1.000E-007	1.300E+004
1668	LPR-XHE-FO-HOTLG	F	+0.000E+000	+0.000E+000	+0.000E+000
1669	MA-VSE4B	1	1.000E+000	+0.000E+000	+0.000E+000
1670	MCW-CCF-VF-INLVL	1	1.000E-009	+0.000E+000	+0.000E+000
1671	MCW-CCF-VF-SBO	F	+0.000E+000	+0.000E+000	+0.000E+000
1672	MOV-FAILURE	1	1.000E-001	+0.000E+000	+0.000E+000
1673	MSS-AOV-FC-101A	1	1.500E-001	+0.000E+000	+0.000E+000
1674	MSS-AOV-FC-101B	1	1.500E-001	+0.000E+000	+0.000E+000
1675	MSS-AOV-FC-101C	1	1.500E-001	+0.000E+000	+0.000E+000
1676	MSS-AOV-FT-101A	1	1.000E-003	+0.000E+000	+0.000E+000
1677	MSS-AOV-FT-101B	1	1.000E-003	+0.000E+000	+0.000E+000
1678	MSS-AOV-FT-101C	1	1.000E-003	+0.000E+000	+0.000E+000
1679	MSS-AOV-MA-101A	1	5.000E-002	+0.000E+000	+0.000E+000
1680	MSS-AOV-MA-101B	1	5.000E-002	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1681	MSS-AOV-MA-101C	1	5.000E-002	+0.000E+000	+0.000E+000
1682	MSS-AOV-PG-101A	1	4.000E-005	+0.000E+000	+0.000E+000
1683	MSS-AOV-PG-101B	1	4.000E-005	+0.000E+000	+0.000E+000
1684	MSS-AOV-PG-101C	1	4.000E-005	+0.000E+000	+0.000E+000
1685	MSS-AOV-XHE-105	1	1.300E-002	+0.000E+000	+0.000E+000
1686	MSS-CCF-FT-01ABC	1	7.000E-005	+0.000E+000	+0.000E+000
1687	MSS-CCF-FT-NRV	1	7.000E-005	+0.000E+000	+0.000E+000
1688	MSS-CCF-FT-STV	1	7.000E-005	+0.000E+000	+0.000E+000
1689	MSS-CCF-PG-XVM	1	4.000E-005	+0.000E+000	+0.000E+000
1690	MSS-HCV-FT-104	1	1.000E-003	+0.000E+000	+0.000E+000
1691	MSS-HCV-PG-104	1	4.000E-003	+0.000E+000	+0.000E+000
1692	MSS-NRV-FT-101A	1	3.000E-003	+0.000E+000	+0.000E+000
1693	MSS-NRV-FT-101B	1	3.000E-003	+0.000E+000	+0.000E+000
1694	MSS-NRV-FT-101C	1	3.000E-003	+0.000E+000	+0.000E+000
1695	MSS-NRV-MA-101A	1	5.000E-002	+0.000E+000	+0.000E+000
1696	MSS-NRV-MA-101B	1	5.000E-002	+0.000E+000	+0.000E+000
1697	MSS-NRV-MA-101C	1	5.000E-002	+0.000E+000	+0.000E+000
1698	MSS-NRV-PG-101A	1	6.000E-004	+0.000E+000	+0.000E+000
1699	MSS-NRV-PG-101B	1	6.000E-004	+0.000E+000	+0.000E+000
1700	MSS-NRV-PG-101C	1	6.000E-004	+0.000E+000	+0.000E+000
1701	MSS-STV-FT-101A	1	1.000E-004	+0.000E+000	+0.000E+000
1702	MSS-STV-FT-101B	1	1.000E-004	+0.000E+000	+0.000E+000
1703	MSS-STV-FT-101C	1	1.000E-004	+0.000E+000	+0.000E+000
1704	MSS-STV-MA-101A	1	5.000E-002	+0.000E+000	+0.000E+000
1705	MSS-STV-MA-101B	1	5.000E-002	+0.000E+000	+0.000E+000
1706	MSS-STV-MA-101C	1	5.000E-002	+0.000E+000	+0.000E+000
1707	MSS-STV-PG-101A	1	4.000E-005	+0.000E+000	+0.000E+000
1708	MSS-STV-PG-101B	1	4.000E-005	+0.000E+000	+0.000E+000
1709	MSS-STV-PG-101C	1	4.000E-005	+0.000E+000	+0.000E+000
1710	MSS-XVM-MA-084	1	+0.000E+000	+0.000E+000	+0.000E+000
1711	MSS-XVM-MA-116	1	+0.000E+000	+0.000E+000	+0.000E+000
1712	MSS-XVM-MA-153	1	+0.000E+000	+0.000E+000	+0.000E+000
1713	MSS-XVM-PG-084	1	4.400E-004	+0.000E+000	+0.000E+000
1714	MSS-XVM-PG-116	1	4.400E-004	+0.000E+000	+0.000E+000
1715	MSS-XVM-PG-153	1	4.400E-004	+0.000E+000	+0.000E+000
1716	MSS-XVM-XHE-BYPS	1	1.700E-003	+0.000E+000	+0.000E+000
1717	NRAC-1HR	1	4.400E-001	+0.000E+000	+0.000E+000
1718	NRAC-7HR	1	5.000E-002	+0.000E+000	+0.000E+000
1719	NRAC-HALFHR	1	6.000E-001	+0.000E+000	+0.000E+000
1720	NRAC200	1	3.200E-001	+0.000E+000	+0.000E+000
1721	NRAC262	1	2.600E-001	+0.000E+000	+0.000E+000
1722	NRAC346	1	1.900E-001	+0.000E+000	+0.000E+000
1723	NRAC455	1	1.400E-001	+0.000E+000	+0.000E+000
1724	OEP-BAC-ST-FDRD	1	9.000E-005	+0.000E+000	+0.000E+000
1725	OEP-BAC-ST-FDRF	1	9.000E-005	+0.000E+000	+0.000E+000
1726	OEP-CCF-FS-DG12	1	8.400E-004	+0.000E+000	+0.000E+000
1727	OEP-CCF-FS-DG123	1	4.000E-004	+0.000E+000	+0.000E+000
1728	OEP-CCF-FS-DG13	1	8.400E-004	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1729	OEP-CCF-FS-DG23	1	8.400E-004	+0.000E+000	+0.000E+000
1730	OEP-CRB-FT-15H3	1	3.000E-003	+0.000E+000	+0.000E+000
1731	OEP-CRB-FT-15J3	1	3.000E-003	+0.000E+000	+0.000E+000
1732	OEP-DGN-FC-DG3U2	1	3.400E-002	+0.000E+000	+0.000E+000
1733	OEP-DGN-FR-DG01	4	2.000E-003	2.000E-003	1.000E+000
1734	OEP-DGN-FR-DG03	4	2.000E-003	2.000E-003	1.000E+000
1735	OEP-DGN-FS-DG01	1	2.200E-002	+0.000E+000	+0.000E+000
1736	OEP-DGN-FS-DG03	1	2.200E-002	+0.000E+000	+0.000E+000
1737	OEP-DGN-MA-DG01	F	+0.000E+000	+0.000E+000	+0.000E+000
1738	OEP-DGN-MA-DG03	F	+0.000E+000	+0.000E+000	+0.000E+000
1739	OEP-DGN-MA0DG01	F	+0.000E+000	+0.000E+000	+0.000E+000
1740	OEP-DGN-MA0DG03	F	+0.000E+000	+0.000E+000	+0.000E+000
1741	OSR-CCF-FS-RS2AB	1	3.300E-004	+0.000E+000	+0.000E+000
1742	OSR-CKV-FT-CV11	1	1.000E-004	+0.000E+000	+0.000E+000
1743	OSR-CKV-FT-CV17	1	1.000E-004	+0.000E+000	+0.000E+000
1744	OSR-MDP-FR-A24HR	4	7.200E-004	3.000E-005	2.400E+001
1745	OSR-MDP-FR-B24HR	4	7.200E-004	3.000E-005	2.400E+001
1746	OSR-MDP-FS-RS2A	1	3.000E-003	+0.000E+000	+0.000E+000
1747	OSR-MDP-FS-RS2B	1	3.000E-003	+0.000E+000	+0.000E+000
1748	OSR-MDP-MA-RS2A	1	2.000E-003	+0.000E+000	+0.000E+000
1749	OSR-MDP-MA-RS2B	1	2.000E-003	+0.000E+000	+0.000E+000
1750	OSR-MDP-OP-2AB	F	+0.000E+000	+0.000E+000	+0.000E+000
1751	OSR-MOV-PG-155A	1	4.000E-005	+0.000E+000	+0.000E+000
1752	OSR-MOV-PG-155B	1	4.000E-005	+0.000E+000	+0.000E+000
1753	OSR-MOV-PG-156A	1	4.000E-005	+0.000E+000	+0.000E+000
1754	OSR-MOV-PG-156B	1	4.000E-005	+0.000E+000	+0.000E+000
1755	OSR-STR-PG-RS2A	4	7.200E-004	3.000E-005	2.400E+001
1756	OSR-STR-PG-RS2B	4	7.200E-004	3.000E-005	2.400E+001
1757	PCS-AOV-FT-BYP-A	1	1.000E-003	+0.000E+000	+0.000E+000
1758	PCS-AOV-FT-BYP-B	1	1.000E-003	+0.000E+000	+0.000E+000
1759	PCS-AOV-FT-BYPA	1	1.000E-003	+0.000E+000	+0.000E+000
1760	PCS-AOV-FT-BYPB	1	1.000E-003	+0.000E+000	+0.000E+000
1761	PCS-AOV-FT-MSTVA	1	1.000E-003	+0.000E+000	+0.000E+000
1762	PCS-AOV-FT-MSTVB	1	1.000E-003	+0.000E+000	+0.000E+000
1763	PCS-AOV-PG-BYP-A	1	4.000E-005	1.000E-007	7.200E+002
1764	PCS-AOV-PG-BYP-B	1	4.000E-005	1.000E-007	7.200E+002
1765	PCS-AOV-PG-BYPA	1	4.000E-005	+0.000E+000	+0.000E+000
1766	PCS-AOV-PG-BYPB	1	4.000E-005	+0.000E+000	+0.000E+000
1767	PCS-AOV-PG-MSTVA	1	4.000E-005	1.000E-007	7.200E+002
1768	PCS-AOV-PG-MSTVB	1	4.000E-005	1.000E-007	7.200E+002
1769	PCS-CCF-FT-TRBYP	1	1.000E-004	+0.000E+000	+0.000E+000
1770	PORV-PATH-CLSD	1	5.000E-002	+0.000E+000	+0.000E+000
1771	POS-D6	1	1.000E+000	+0.000E+000	+0.000E+000
1772	POS-R10	1	1.000E+000	+0.000E+000	+0.000E+000
1773	POS-R6	1	1.000E+000	+0.000E+000	+0.000E+000
1774	PPS-AOV-OC-1455C	1	7.500E-007	+0.000E+000	+0.000E+000
1775	PPS-CCF-FT-15356	1	3.500E-003	+0.000E+000	+0.000E+000
1776	PPS-CCF-FT-PORV	1	7.000E-005	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1777	PPS-CCF-FT-SRVS	1	7.000E-005	+0.000E+000	+0.000E+000
1778	PPS-MOV-FC-1535	1	3.000E-001	+0.000E+000	+0.000E+000
1779	PPS-MOV-FC-1536	1	3.000E-001	+0.000E+000	+0.000E+000
1780	PPS-MOV-FT-1535	1	4.000E-002	+0.000E+000	+0.000E+000
1781	PPS-MOV-FT-1536	1	4.000E-002	+0.000E+000	+0.000E+000
1782	PPS-MOV-00-1535	1	4.000E-002	+0.000E+000	+0.000E+000
1783	PPS-MOV-00-1536	1	4.000E-002	+0.000E+000	+0.000E+000
1784	PPS-MOV-PG-1535	1	4.000E-005	+0.000E+000	+0.000E+000
1785	PPS-MOV-PG-1536	1	4.000E-005	+0.000E+000	+0.000E+000
1786	PPS-OP-SET-SD	1	2.700E-003	+0.000E+000	+0.000E+000
1787	PPS-PCV-MA-1455C	1	+0.000E+000	+0.000E+000	+0.000E+000
1788	PPS-PCV-MA-1456	1	+0.000E+000	+0.000E+000	+0.000E+000
1789	PPS-PCV-MA01455C	1	+0.000E+000	+0.000E+000	+0.000E+000
1790	PPS-PCV-MA01456	1	4.410E-002	+0.000E+000	+0.000E+000
1791	PPS-SOV-FT-1455C	1	1.000E-003	+0.000E+000	+0.000E+000
1792	PPS-SOV-FT-1456	1	1.000E-003	+0.000E+000	+0.000E+000
1793	PPS-SOV-00-1455C	1	3.000E-002	+0.000E+000	+0.000E+000
1794	PPS-SOV-00-1456	1	3.000E-002	+0.000E+000	+0.000E+000
1795	PPS-SRV-FT-1551A	1	1.000E-003	+0.000E+000	+0.000E+000
1796	PPS-SRV-FT-1551B	1	1.000E-003	+0.000E+000	+0.000E+000
1797	PPS-SRV-FT-1551C	1	1.000E-003	+0.000E+000	+0.000E+000
1798	PPS-XHE-F0-1PORV	F	+0.000E+000	+0.000E+000	+0.000E+000
1799	PPS-XHE-F0-EMB0R	F	+0.000E+000	+0.000E+000	+0.000E+000
1800	PPS-XHE-F0-PORVS	F	+0.000E+000	+0.000E+000	+0.000E+000
1801	PPS-XHE-F0-UNBLK	F	+0.000E+000	+0.000E+000	+0.000E+000
1802	PRNR-ARW1	1	6.500E-001	+0.000E+000	+0.000E+000
1803	PRNR-ARW2	1	3.500E-001	+0.000E+000	+0.000E+000
1804	PRNR-ARW3	1	1.000E-001	+0.000E+000	+0.000E+000
1805	PRNR-ARW4	1	1.000E-002	+0.000E+000	+0.000E+000
1806	PROB-1HFAILEDL2	1	3.290E-001	+0.000E+000	+0.000E+000
1807	PROB-1HFAILEDL3	1	4.890E-001	+0.000E+000	+0.000E+000
1808	PROB-RHR2A	1	1.620E-002	+0.000E+000	+0.000E+000
1809	PROB-W1D6	1	1.170E-001	+0.000E+000	+0.000E+000
1810	PROB-W1D6A	1	3.100E-001	+0.000E+000	+0.000E+000
1811	PROB-W1R10	F	+0.000E+000	+0.000E+000	+0.000E+000
1812	PROB-W1R10A	1	+0.000E+000	+0.000E+000	+0.000E+000
1813	PROB-W1R6	1	1.700E-002	+0.000E+000	+0.000E+000
1814	PROB-W1R6A	1	5.820E-002	+0.000E+000	+0.000E+000
1815	PROB-W2D6	1	4.360E-001	+0.000E+000	+0.000E+000
1816	PROB-W2D6A	1	4.540E-001	+0.000E+000	+0.000E+000
1817	PROB-W2R10	F	+0.000E+000	+0.000E+000	+0.000E+000
1818	PROB-W2R10A	1	+0.000E+000	+0.000E+000	+0.000E+000
1819	PROB-W2R6	1	5.430E-001	+0.000E+000	+0.000E+000
1820	PROB-W2R6A	1	7.000E-001	+0.000E+000	+0.000E+000
1821	PROB-W3D6	1	3.750E-001	+0.000E+000	+0.000E+000
1822	PROB-W3D6A	1	2.100E-001	+0.000E+000	+0.000E+000
1823	PROB-W3R10	1	1.600E-002	+0.000E+000	+0.000E+000
1824	PROB-W3R10A	1	2.200E-002	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1825	PROB-W3R6	1	4.100E-001	+0.000E+000	+0.000E+000
1826	PROB-W3R6A	1	2.400E-001	+0.000E+000	+0.000E+000
1827	PROB-W4D6	1	7.200E-002	+0.000E+000	+0.000E+000
1828	PROB-W4D6A	1	2.600E-002	+0.000E+000	+0.000E+000
1829	PROB-W4R10	1	9.840E-001	+0.000E+000	+0.000E+000
1830	PROB-W4R10A	1	9.800E-001	+0.000E+000	+0.000E+000
1831	PROB-W4R6	1	3.400E-002	+0.000E+000	+0.000E+000
1832	PROB-W4R6A	1	1.480E-003	+0.000E+000	+0.000E+000
1833	PZR-SV-REMOVED	1	1.000E-001	+0.000E+000	+0.000E+000
1834	PZR-SV-REMOVEDW1	1	1.000E-002	+0.000E+000	+0.000E+000
1835	PZR-SV-REMOVEDW2	1	5.000E-002	+0.000E+000	+0.000E+000
1836	PZR-SV-REMOVEDW3	1	9.000E-001	+0.000E+000	+0.000E+000
1837	PZR-SV-REMOVEDW4	1	3.000E-001	+0.000E+000	+0.000E+000
1838	Q	1	2.700E-002	+0.000E+000	+0.000E+000
1839	R-A1W1D6-XHE-C	1	1.080E-002	+0.000E+000	+0.000E+000
1840	R-A2W1D6-XHE-C	1	1.080E-002	+0.000E+000	+0.000E+000
1841	R-A3W1D6-XHE-C	1	1.000E-001	+0.000E+000	+0.000E+000
1842	R-A7W2R6-XHE-C	1	2.240E-002	+0.000E+000	+0.000E+000
1843	R-A8W1R6-XHE-C	1	1.040E-001	+0.000E+000	+0.000E+000
1844	R-B1W1-123-C-C	1	1.080E-002	+0.000E+000	+0.000E+000
1845	R-B1W1-13-C-C	1	1.970E-003	+0.000E+000	+0.000E+000
1846	R-B1W1-3-C	1	1.000E-001	+0.000E+000	+0.000E+000
1847	R-B1W2-123-C-A	1	4.292E-003	+0.000E+000	+0.000E+000
1848	R-B1W2-13-C-C	1	1.150E-003	+0.000E+000	+0.000E+000
1849	R-B1W2-23-A	1	3.610E-001	+0.000E+000	+0.000E+000
1850	R-B1W2-23-AC	1	3.610E-001	+0.000E+000	+0.000E+000
1851	R-B1W3-1-G	1	1.750E-002	+0.000E+000	+0.000E+000
1852	R-B1W3-13-G-C	1	1.580E-003	+0.000E+000	+0.000E+000
1853	R-B1W3-23-A	1	1.120E-001	+0.000E+000	+0.000E+000
1854	R-B1W3-23-AC	1	1.120E-001	+0.000E+000	+0.000E+000
1855	R-B2W2-2	1	4.320E-001	+0.000E+000	+0.000E+000
1856	R-B2W3-1-G	1	1.750E-002	+0.000E+000	+0.000E+000
1857	R-B2W3-2	1	3.080E-001	+0.000E+000	+0.000E+000
1858	R-B2W4-2	1	2.090E-001	+0.000E+000	+0.000E+000
1859	R-C1-W1D6A-XHE-R	1	1.000E+000	+0.000E+000	+0.000E+000
1860	R-C1W1D6A-XHE-R	1	4.170E-002	+0.000E+000	+0.000E+000
1861	R-C2-W2D6A-XHE-R	1	1.000E+000	+0.000E+000	+0.000E+000
1862	R-C2W2D6A-XHE-R	1	4.170E-002	+0.000E+000	+0.000E+000
1863	R-D1W2R6-XHE-C	1	2.240E-002	+0.000E+000	+0.000E+000
1864	R-E1	1	1.000E+000	+0.000E+000	+0.000E+000
1865	R-E1W2D6-XHE-C	1	7.600E-003	+0.000E+000	+0.000E+000
1866	R-H1W1DR6-XHE-F	1	1.200E-003	+0.000E+000	+0.000E+000
1867	R-L1W1-1-C	1	1.970E-002	+0.000E+000	+0.000E+000
1868	R-L2W1-1-C	1	1.860E-002	+0.000E+000	+0.000E+000
1869	R-L2W1-1-C-F	1	1.860E-002	+0.000E+000	+0.000E+000
1870	R-L2W1-123-C-A	1	4.220E-004	+0.000E+000	+0.000E+000
1871	R-L2W1-123-C-C	1	4.220E-004	+0.000E+000	+0.000E+000
1872	R-L2W1-13-C-C	1	1.970E-003	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1873	R-L2W1-13-C-C-F	1	1.970E-003	+0.000E+000	+0.000E+000
1874	R-L2W2-123-C-A	1	+0.000E+000	+0.000E+000	+0.000E+000
1875	R-L2W2-123-C-A-F	1	+0.000E+000	+0.000E+000	+0.000E+000
1876	R-L2W2-123-C-C	1	+0.000E+000	+0.000E+000	+0.000E+000
1877	R-L2W2-123-C-C-F	1	+0.000E+000	+0.000E+000	+0.000E+000
1878	R-L2W2-13-C-C	1	1.240E-003	+0.000E+000	+0.000E+000
1879	R-L2W2-13-C-C-F	1	1.240E-003	+0.000E+000	+0.000E+000
1880	R-L2W2-13-G-C	1	3.730E-003	+0.000E+000	+0.000E+000
1881	R-L2W2-13-G-C-F	1	3.730E-003	+0.000E+000	+0.000E+000
1882	R-L2W2-3-C	1	1.000E-001	+0.000E+000	+0.000E+000
1883	R-L2W3-123-C-A-F	1	+0.000E+000	+0.000E+000	+0.000E+000
1884	R-L2W3-123-C-C-F	1	+0.000E+000	+0.000E+000	+0.000E+000
1885	R-L2W3-13-C-C-F	1	6.510E-004	+0.000E+000	+0.000E+000
1886	R-L2W4-13-C-C-F	1	+0.000E+000	+0.000E+000	+0.000E+000
1887	R-L3W1-1-C	1	1.860E-002	+0.000E+000	+0.000E+000
1888	R-L3W1-1-C-F	1	1.860E-002	+0.000E+000	+0.000E+000
1889	R-L3W1-13-C-C	1	1.860E-003	+0.000E+000	+0.000E+000
1890	R-L3W1-13-C-C-F	1	1.860E-003	+0.000E+000	+0.000E+000
1891	R-L3W2-123-C-A	1	+0.000E+000	+0.000E+000	+0.000E+000
1892	R-L3W2-123-C-A-F	1	+0.000E+000	+0.000E+000	+0.000E+000
1893	R-L3W2-123-C-C	1	+0.000E+000	+0.000E+000	+0.000E+000
1894	R-L3W2-123-C-C-F	1	+0.000E+000	+0.000E+000	+0.000E+000
1895	R-L3W2-13-C-C	1	1.150E-003	+0.000E+000	+0.000E+000
1896	R-L3W2-13-C-C-F	1	1.150E-003	+0.000E+000	+0.000E+000
1897	R-L3W2-23-A	1	2.020E-003	+0.000E+000	+0.000E+000
1898	R-L3W2-23-A-F	1	2.020E-003	+0.000E+000	+0.000E+000
1899	R-L3W3-123-C-A-F	1	+0.000E+000	+0.000E+000	+0.000E+000
1900	R-L3W3-123-C-C-F	1	+0.000E+000	+0.000E+000	+0.000E+000
1901	R-L3W3-13-C-C-F	1	6.510E-004	+0.000E+000	+0.000E+000
1902	R-L3W3-23-A-F	1	2.570E-003	+0.000E+000	+0.000E+000
1903	R-L3W4-13-C-C-F	1	+0.000E+000	+0.000E+000	+0.000E+000
1904	R-LOSP-DG01	1	1.250E-001	+0.000E+000	+0.000E+000
1905	R-R3R6-XHE-G-4	1	2.400E-001	+0.000E+000	+0.000E+000
1906	R-R4R6-XHE-G-5	1	6.300E-001	+0.000E+000	+0.000E+000
1907	R-R5R6-XHE-G-5	1	6.300E-001	+0.000E+000	+0.000E+000
1908	R-RAR6-XHE-G-5	1	6.300E-001	+0.000E+000	+0.000E+000
1909	R-RBR6-XHE-G-5	1	6.300E-001	+0.000E+000	+0.000E+000
1910	R-W1D6-XHE-C-A1	1	1.080E-002	+0.000E+000	+0.000E+000
1911	R-W1D6-XHE-C-A2	1	1.080E-002	+0.000E+000	+0.000E+000
1912	R-W1D6-XHE-C-A3	1	1.000E-001	+0.000E+000	+0.000E+000
1913	R-W1R6-XHE-C-A11	1	1.040E-001	+0.000E+000	+0.000E+000
1914	R-W2D6-XHE-C-A9	1	2.240E-002	+0.000E+000	+0.000E+000
1915	R-W2D6-XHE-C-E1	1	7.600E-003	+0.000E+000	+0.000E+000
1916	R-WID6-XHE-C-A2	1	1.000E+000	+0.000E+000	+0.000E+000
1917	RCS-AOV-FT-1455A	1	1.000E-003	+0.000E+000	+0.000E+000
1918	RCS-AOV-FT-1455B	1	1.000E-003	+0.000E+000	+0.000E+000
1919	RCS-CCF-FT-455AB	1	1.000E-004	+0.000E+000	+0.000E+000
1920	RCS-FCV-FT-AUXSP	1	1.000E-003	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1921	RCS-MDP-FR-RCP1A	4	3.000E-005	3.000E-005	1.000E+000
1922	RCS-MDP-FR-RCP1C	4	3.000E-005	3.000E-005	1.000E+000
1923	RCS-MDP-MA-RCP1C	1	+0.000E+000	+0.000E+000	+0.000E+000
1924	RCS-MDP-MAORCP1C	1	+0.000E+000	+0.000E+000	+0.000E+000
1925	RCS-XHE-FO-DPRES	F	+0.000E+000	+0.000E+000	+0.000E+000
1926	RCS-XHE-FO-DPRT7	F	+0.000E+000	+0.000E+000	+0.000E+000
1927	REC-XHE-FO-SC00L	1	1.250E-001	+0.000E+000	+0.000E+000
1928	REFLUX-W1D6	1	1.000E-001	+0.000E+000	+0.000E+000
1929	REFLUX-XHE-A1	1	4.300E-003	+0.000E+000	+0.000E+000
1930	REFUEL	1	6.000E-001	+0.000E+000	+0.000E+000
1931	RHR-AOV-CO-1758	1	1.200E-005	5.900E-007	+0.000E+000
1932	RHR-AOV-OC-1758	1	7.500E-007	+0.000E+000	+0.000E+000
1933	RHR-AOV-OO-1605	1	2.400E-006	+0.000E+000	+0.000E+000
1934	RHR-ASF-PG-1605	1	3.000E-004	+0.000E+000	+0.000E+000
1935	RHR-CCF-FS-MDPAB	1	4.500E-004	+0.000E+000	+0.000E+000
1936	RHR-CCF-FT-720AB	1	2.600E-004	+0.000E+000	+0.000E+000
1937	RHR-CKV-FT-CV11	1	1.000E-004	+0.000E+000	+0.000E+000
1938	RHR-CKV-FT-CV5	1	1.000E-004	+0.000E+000	+0.000E+000
1939	RHR-CKV-OO-CV11	1	1.000E-003	+0.000E+000	+0.000E+000
1940	RHR-CKV-OO-CV5	1	1.000E-003	+0.000E+000	+0.000E+000
1941	RHR-HTX-LK-E1A	4	7.200E-005	3.000E-006	2.400E+001
1942	RHR-HTX-LK-E1B	4	7.200E-005	3.000E-006	2.400E+001
1943	RHR-HTX-PG-E1A	4	1.368E-004	5.700E-006	2.400E+001
1944	RHR-HTX-PG-E1B	4	1.368E-004	5.700E-006	2.400E+001
1945	RHR-MDP-FR-A24HR	4	7.200E-004	3.000E-005	2.400E+001
1946	RHR-MDP-FR-B24HR	4	7.200E-004	3.000E-005	2.400E+001
1947	RHR-MDP-FS-RHR1A	1	3.000E-003	+0.000E+000	+0.000E+000
1948	RHR-MDP-FS-RHR1B	1	3.000E-003	+0.000E+000	+0.000E+000
1949	RHR-MDP-MA-RHR1B	F	+0.000E+000	+0.000E+000	+0.000E+000
1950	RHR-MDP-MAORHR1B	F	+0.000E+000	+0.000E+000	+0.000E+000
1951	RHR-MOV-FT-1700	1	3.000E-003	+0.000E+000	+0.000E+000
1952	RHR-MOV-FT-1701	1	3.000E-003	+0.000E+000	+0.000E+000
1953	RHR-MOV-FT-1720A	1	3.000E-003	+0.000E+000	+0.000E+000
1954	RHR-MOV-FT-1720B	1	3.000E-003	+0.000E+000	+0.000E+000
1955	RHR-MOV-MA-1720A	F	+0.000E+000	+0.000E+000	+0.000E+000
1956	RHR-MOV-MA01720A	F	+0.000E+000	+0.000E+000	+0.000E+000
1957	RHR-MOV-PG-1700	1	4.400E-004	1.000E-007	8.760E+003
1958	RHR-MOV-PG-1701	1	4.400E-004	1.000E-007	8.760E+003
1959	RHR-MOV-PG-1720A	1	4.400E-004	1.000E-007	8.760E+003
1960	RHR-MOV-PG-1720B	1	4.400E-004	1.000E-007	8.760E+003
1961	RHR-SRV-CO-1721	4	9.360E-005	3.900E-006	2.400E+001
1962	RHR-XMV-FT-XV20	1	1.000E-004	+0.000E+000	+0.000E+000
1963	RHR-XMV-FT-XV24	1	1.000E-004	+0.000E+000	+0.000E+000
1964	RHR-XVM-PG-XV12	1	4.400E-004	1.000E-007	8.760E+003
1965	RHR-XVM-PG-XV15	1	4.400E-004	1.000E-007	8.760E+003
1966	RHR-XVM-PG-XV19	1	4.400E-004	1.000E-007	8.760E+003
1967	RHR-XVM-PG-XV2	1	4.400E-004	1.000E-007	8.760E+003
1968	RHR-XVM-PG-XV20	1	4.400E-004	1.000E-007	8.760E+003

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
1969	RHR-XVM-PG-XV24	1	4.400E-004	1.000E-007	8.760E+003
1970	RHR-XVM-PG-XV6	1	4.400E-004	1.000E-007	8.760E+003
1971	RHR-XVM-PG-XV8	1	4.400E-004	1.000E-007	8.760E+003
1972	RMT-ACT-FA-RMTSA	F	+0.000E+000	+0.000E+000	+0.000E+000
1973	RMT-ACT-FA-MTSB	F	+0.000E+000	+0.000E+000	+0.000E+000
1974	RMT-B	1	1.000E+000	+0.000E+000	+0.000E+000
1975	RMT-CCF-FA-MSCAL	F	+0.000E+000	+0.000E+000	+0.000E+000
1976	RWT-TNK-LF-RWST	1	2.700E-006	+0.000E+000	+0.000E+000
1977	SARW1	1	1.000E+000	+0.000E+000	+0.000E+000
1978	SARW2	1	1.000E+000	+0.000E+000	+0.000E+000
1979	SARW3	1	1.000E+000	+0.000E+000	+0.000E+000
1980	SARW4	1	1.000E+000	+0.000E+000	+0.000E+000
1981	SAS-CCF-FR-SAC1	2	4.000E-004	2.000E-005	+0.000E+000
1982	SAS-CPS-FR-1SAC1	2	4.000E-003	2.000E-004	+0.000E+000
1983	SAS-CPS-FR-2SAC1	2	4.000E-003	2.000E-004	+0.000E+000
1984	SAS-CPS-FS-2SAC1	1	8.000E-002	+0.000E+000	+0.000E+000
1985	SEMI-VIT-BUS	1	1.000E-005	+0.000E+000	+0.000E+000
1986	SGA-DRAINED-R	1	2.300E-002	+0.000E+000	+0.000E+000
1987	SGB-DRAINED-R	1	2.300E-002	+0.000E+000	+0.000E+000
1988	SGC-DRAINED-R	1	2.300E-002	+0.000E+000	+0.000E+000
1989	SGRT-AOV-LK-100A	1	2.400E-005	+0.000E+000	+0.000E+000
1990	SGRT-AOV-LK-100B	1	2.400E-005	+0.000E+000	+0.000E+000
1991	SGRT-AOV-LK-100C	1	2.400E-005	+0.000E+000	+0.000E+000
1992	SGRT-AOV-LK-100D	1	2.400E-005	+0.000E+000	+0.000E+000
1993	SGRT-AOV-LK-100E	1	2.400E-005	+0.000E+000	+0.000E+000
1994	SGRT-AOV-LK-100F	1	2.400E-005	+0.000E+000	+0.000E+000
1995	SGRT-AOV-OC-100A	1	7.500E-007	+0.000E+000	+0.000E+000
1996	SGRT-AOV-OC-100B	1	7.500E-007	+0.000E+000	+0.000E+000
1997	SGRT-AOV-OC-100C	1	7.500E-007	+0.000E+000	+0.000E+000
1998	SGRT-AOV-OC-100D	1	7.500E-007	+0.000E+000	+0.000E+000
1999	SGRT-AOV-OC-100E	1	7.500E-007	+0.000E+000	+0.000E+000
2000	SGRT-AOV-OC-100F	1	7.500E-007	+0.000E+000	+0.000E+000
2001	SGRT-AOV-PG-100A	1	4.000E-005	+0.000E+000	+0.000E+000
2002	SGRT-AOV-PG-100B	1	4.000E-005	+0.000E+000	+0.000E+000
2003	SGRT-AOV-PG-100C	1	4.000E-005	+0.000E+000	+0.000E+000
2004	SGRT-AOV-PG-100D	1	4.000E-005	+0.000E+000	+0.000E+000
2005	SGRT-AOV-PG-100E	1	4.000E-005	+0.000E+000	+0.000E+000
2006	SGRT-AOV-PG-100F	1	4.000E-005	+0.000E+000	+0.000E+000
2007	SGRT-CKV-FO-CMFA	1	1.000E-003	+0.000E+000	+0.000E+000
2008	SGRT-CKV-FO-CMFB	1	1.000E-003	+0.000E+000	+0.000E+000
2009	SGRT-CKV-FO-CMFC	1	1.000E-003	+0.000E+000	+0.000E+000
2010	SGRT-CKV-FT-RT11	1	1.000E-004	+0.000E+000	+0.000E+000
2011	SGRT-CKV-FT-RT30	1	1.000E-004	+0.000E+000	+0.000E+000
2012	SGRT-CKV-FT-RT49	1	1.000E-004	+0.000E+000	+0.000E+000
2013	SGRT-HTX-LK-E1A	1	7.200E-005	+0.000E+000	+0.000E+000
2014	SGRT-HTX-LK-E1B	1	7.200E-005	+0.000E+000	+0.000E+000
2015	SGRT-HTX-LK-E1C	1	7.200E-005	+0.000E+000	+0.000E+000
2016	SGRT-HTX-MA-E1A	1	2.000E-004	+0.000E+000	+0.000E+000

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
2017	SGRT-HTX-MA-E1B	1	2.000E-004	+0.000E+000	+0.000E+000
2018	SGRT-HTX-MA-E1C	1	2.000E-004	+0.000E+000	+0.000E+000
2019	SGRT-HTX-PG-E1A	1	1.400E-004	+0.000E+000	+0.000E+000
2020	SGRT-HTX-PG-E1B	1	1.400E-004	+0.000E+000	+0.000E+000
2021	SGRT-HTX-PG-E1C	1	1.400E-004	+0.000E+000	+0.000E+000
2022	SGRT-MV-PG-150	1	4.000E-005	+0.000E+000	+0.000E+000
2023	SGRT-MV-PG-160	1	4.000E-005	+0.000E+000	+0.000E+000
2024	SGRT-MV-PG-170	1	4.000E-005	+0.000E+000	+0.000E+000
2025	SGRT-MV-PG-BD1	1	4.000E-005	+0.000E+000	+0.000E+000
2026	SGRT-MV-PG-BD11	1	4.000E-005	+0.000E+000	+0.000E+000
2027	SGRT-MV-PG-BD12	1	4.000E-005	+0.000E+000	+0.000E+000
2028	SGRT-MV-PG-BD14	1	4.000E-005	+0.000E+000	+0.000E+000
2029	SGRT-MV-PG-BD2	1	4.000E-005	+0.000E+000	+0.000E+000
2030	SGRT-MV-PG-BD21	1	4.000E-005	+0.000E+000	+0.000E+000
2031	SGRT-MV-PG-BD22	1	4.000E-005	+0.000E+000	+0.000E+000
2032	SGRT-MV-PG-BD24	1	4.000E-005	+0.000E+000	+0.000E+000
2033	SGRT-MV-PG-BD4	1	4.000E-005	+0.000E+000	+0.000E+000
2034	SGRT-MV-PG-RT1	1	4.000E-005	+0.000E+000	+0.000E+000
2035	SGRT-MV-PG-RT13	1	4.000E-005	+0.000E+000	+0.000E+000
2036	SGRT-MV-PG-RT18	1	4.000E-005	+0.000E+000	+0.000E+000
2037	SGRT-MV-PG-RT19	1	4.000E-005	+0.000E+000	+0.000E+000
2038	SGRT-MV-PG-RT2	1	4.000E-005	+0.000E+000	+0.000E+000
2039	SGRT-MV-PG-RT20	1	4.000E-005	+0.000E+000	+0.000E+000
2040	SGRT-MV-PG-RT21	1	4.000E-005	+0.000E+000	+0.000E+000
2041	SGRT-MV-PG-RT25	1	4.000E-005	+0.000E+000	+0.000E+000
2042	SGRT-MV-PG-RT27	1	4.000E-005	+0.000E+000	+0.000E+000
2043	SGRT-MV-PG-RT32	1	4.000E-005	+0.000E+000	+0.000E+000
2044	SGRT-MV-PG-RT37	1	4.000E-005	+0.000E+000	+0.000E+000
2045	SGRT-MV-PG-RT38	1	4.000E-005	+0.000E+000	+0.000E+000
2046	SGRT-MV-PG-RT39	1	4.000E-005	+0.000E+000	+0.000E+000
2047	SGRT-MV-PG-RT40	1	4.000E-005	+0.000E+000	+0.000E+000
2048	SGRT-MV-PG-RT44	1	4.000E-005	+0.000E+000	+0.000E+000
2049	SGRT-MV-PG-RT46	1	4.000E-005	+0.000E+000	+0.000E+000
2050	SGRT-MV-PG-RT51	1	4.000E-005	+0.000E+000	+0.000E+000
2051	SGRT-MV-PG-RT56	1	4.000E-005	+0.000E+000	+0.000E+000
2052	SGRT-MV-PG-RT57	1	4.000E-005	+0.000E+000	+0.000E+000
2053	SGRT-MV-PG-RT6	1	4.000E-005	+0.000E+000	+0.000E+000
2054	SGRT-MV-PG-RT8	1	4.000E-005	+0.000E+000	+0.000E+000
2055	SGRT-PMP-FR-RT1A	1	7.200E-004	+0.000E+000	+0.000E+000
2056	SGRT-PMP-FR-RT1B	1	7.200E-004	+0.000E+000	+0.000E+000
2057	SGRT-PMP-FR-RT1C	1	7.200E-004	+0.000E+000	+0.000E+000
2058	SGRT-PMP-FS-RT1A	1	3.000E-003	+0.000E+000	+0.000E+000
2059	SGRT-PMP-FS-RT1B	1	3.000E-003	+0.000E+000	+0.000E+000
2060	SGRT-PMP-FS-RT1C	1	3.000E-003	+0.000E+000	+0.000E+000
2061	SGRT-PMP-MA-RT1A	1	1.000E-003	+0.000E+000	+0.000E+000
2062	SGRT-PMP-MA-RT1B	1	1.000E-003	+0.000E+000	+0.000E+000
2063	SGRT-PMP-MA-RT1C	1	1.000E-003	+0.000E+000	+0.000E+000
2064	SGRT-SGA	F	+0.000E+000	+0.000E+000	+0.000E+000

BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
2065	SGRT-SGB	F	+0.000E+000	+0.000E+000	+0.000E+000
2066	SGRT-SGC	F	+0.000E+000	+0.000E+000	+0.000E+000
2067	SGRT-XHE-FS-100	F	+0.000E+000	+0.000E+000	+0.000E+000
2068	SGS-DRAINED-CSD	1	1.000E-003	+0.000E+000	+0.000E+000
2069	SGS-DRAINED-R	1	8.300E-003	+0.000E+000	+0.000E+000
2070	SIS-ACT-FA-SISA	1	+0.000E+000	+0.000E+000	+0.000E+000
2071	SIS-ACT-FA-SISB	1	+0.000E+000	+0.000E+000	+0.000E+000
2072	SL	1	7.300E-001	+0.000E+000	+0.000E+000
2073	SLOCA-NRACSL-LT	1	9.200E-002	+0.000E+000	+0.000E+000
2074	SLOCA-NRACSL-ST	1	9.900E-002	+0.000E+000	+0.000E+000
2075	SOLAIR-COMP	2	1.632E-001	6.800E-003	+0.000E+000
2076	SP-SI-CLSI-HE	F	+0.000E+000	+0.000E+000	+0.000E+000
2077	SSHR-AOV-XHE-105	1	1.300E-002	+0.000E+000	+0.000E+000
2078	SW-AOV-FT-SW263	1	1.000E+000	+0.000E+000	+0.000E+000
2079	SW-AOV-SC-SW263	1	7.500E-007	+0.000E+000	+0.000E+000
2080	SW-CCF-AIRINJ	1	3.200E-004	+0.000E+000	+0.000E+000
2081	SW-CCF-SC-MOV102	1	2.500E-004	+0.000E+000	+0.000E+000
2082	SW-CKV-PG6-SW333	1	6.000E-007	1.000E-007	6.000E+000
2083	SW-PIPE-MA-2PS3	1	1.200E-005	+0.000E+000	+0.000E+000
2084	SW-PIPE-MA-PS4	1	1.200E-005	+0.000E+000	+0.000E+000
2085	SW-STR-PL-TS15CA	4	7.200E-004	3.000E-005	2.400E+001
2086	SW-STR-PL-TS15CC	4	7.200E-004	3.000E-005	2.400E+001
2087	SW-TBFLOWDIVER	4	2.664E-006	1.110E-007	2.400E+001
2088	SWS-AOV-SC-100A	1	1.200E-005	5.000E-007	2.400E+001
2089	SWS-AOV-SC-100C	1	1.200E-005	5.000E-007	2.400E+001
2090	SWS-CCF-FT-3ABCD	1	6.300E-004	+0.000E+000	+0.000E+000
2091	SWS-CCF-PG-TS15C	1	1.900E-004	+0.000E+000	+0.000E+000
2092	SWS-CKV-FT-SW323	1	1.000E-004	+0.000E+000	+0.000E+000
2093	SWS-CKV-PG-SW313	4	2.400E-006	1.000E-007	2.400E+001
2094	SWS-CKV-PG-SW333	4	2.400E-006	1.000E-007	2.400E+001
2095	SWS-HTX-MA-E1B	1	4.781E-001	+0.000E+000	+0.000E+000
2096	SWS-MOV-FT-103A	1	3.000E-003	+0.000E+000	+0.000E+000
2097	SWS-MOV-FT-103B	1	3.000E-003	+0.000E+000	+0.000E+000
2098	SWS-MOV-FT-103C	1	3.000E-003	+0.000E+000	+0.000E+000
2099	SWS-MOV-FT-103D	1	3.000E-003	+0.000E+000	+0.000E+000
2100	SWS-MOV-MA-103A	1	2.000E-004	+0.000E+000	+0.000E+000
2101	SWS-MOV-MA-103B	1	2.000E-004	+0.000E+000	+0.000E+000
2102	SWS-MOV-MA-103C	1	2.000E-004	+0.000E+000	+0.000E+000
2103	SWS-MOV-MA-103D	1	2.000E-004	+0.000E+000	+0.000E+000
2104	SWS-MOV-MA-104D	1	+0.000E+000	+0.000E+000	+0.000E+000
2105	SWS-MOV-MA0103A	1	2.000E-004	+0.000E+000	+0.000E+000
2106	SWS-MOV-MA0104D	1	+0.000E+000	+0.000E+000	+0.000E+000
2107	SWS-MOV-OP-RSFP	1	1.440E-003	+0.000E+000	+0.000E+000
2108	SWS-MOV-OP-RSS	1	1.440E-003	+0.000E+000	+0.000E+000
2109	SWS-MOV-PG-104A	1	6.500E-004	1.000E-007	1.300E+004
2110	SWS-MOV-PG-104B	1	6.500E-004	1.000E-007	1.300E+004
2111	SWS-MOV-PG-104C	1	6.500E-004	1.000E-007	1.300E+004
2112	SWS-MOV-PG-104D	1	6.500E-004	1.000E-007	1.300E+004

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BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
2113	SWS-MOV-PG-105A	1	6.500E-004	1.000E-007	1.300E+004
2114	SWS-MOV-PG-105B	1	6.500E-004	1.000E-007	1.300E+004
2115	SWS-MOV-PG-105C	1	6.500E-004	1.000E-007	1.300E+004
2116	SWS-MOV-PG-105D	1	6.500E-004	1.000E-007	1.300E+004
2117	SWS-MOV-PG-106A	1	6.500E-004	1.000E-007	1.300E+004
2118	SWS-MOV-PG-106B	1	6.500E-004	1.000E-007	1.300E+004
2119	SWS-PCV-FT-100B	1	1.000E-003	+0.000E+000	+0.000E+000
2120	SWS-STR-PG-TS15C	6	1.080E-002	3.000E-005	7.200E+002
2121	SWS-XHE-AP12	T	1.000E+000	+0.000E+000	+0.000E+000
2122	SWS-XHE-AP12.00	T	1.000E+000	+0.000E+000	+0.000E+000
2123	SWS-XVM-PG-37U2	1	4.000E-005	1.000E-007	7.200E+002
2124	SWS-XVM-PG-39U2	1	4.000E-005	1.000E-007	7.200E+002
2125	SWS-XVM-PG-SW321	1	4.000E-005	1.000E-007	7.200E+002
2126	SWS-XVM-PG-SW324	1	4.000E-005	1.000E-007	7.200E+002
2127	SWS-XVM-PG-XV33	1	4.000E-005	1.000E-007	7.200E+002
2128	SWS-XVM-PG-XV35	1	4.000E-005	1.000E-007	7.200E+002
2129	SWS-XVM-PG-XV37	1	4.000E-005	1.000E-007	7.200E+002
2130	SWS-XVM-PG-XV39	1	4.000E-005	1.000E-007	7.200E+002
2131	U2AFW-XHE-E1	1	1.000E-004	+0.000E+000	+0.000E+000
2132	U2CHG	1	1.910E-002	+0.000E+000	+0.000E+000
2133	U2CHG-XHE-A7	1	3.200E-003	+0.000E+000	+0.000E+000
2134	UNIT2-LOW-POWER	1	3.500E-001	+0.000E+000	+0.000E+000
2135	UNITY	1	1.000E+000	+0.000E+000	+0.000E+000
2136	VS-AHU-FX-VSAC6	6	7.621E-003	1.740E-006	8.760E+003
2137	VS-AHU-LF-VSAC6	4	3.432E-005	1.430E-006	2.400E+001
2138	VS-AHU-LF-VSAC7	4	3.432E-005	1.430E-006	2.400E+001
2139	VS-AHU-LF7-VSAC7	6	1.201E-004	1.430E-006	1.680E+002
2140	VS-AHU-MA-VSAC6	F	+0.000E+000	+0.000E+000	+0.000E+000
2141	VS-AHU-MA-VSAC7	1	3.750E-003	+0.000E+000	+0.000E+000
2142	VS-BCFLOWDIVER	4	2.664E-006	1.110E-007	2.400E+001
2143	VS-CCF-FT-PABC	1	1.080E-004	+0.000E+000	+0.000E+000
2144	VS-CHL-FR-VSE3A	4	3.600E-003	1.500E-004	2.400E+001
2145	VS-CHL-FR-VSE3B	4	3.600E-003	1.500E-004	2.400E+001
2146	VS-CHL-FR-VSE4A	4	3.600E-003	1.500E-004	2.400E+001
2147	VS-CHL-FR-VSE4B	4	3.600E-003	1.500E-004	2.400E+001
2148	VS-CHL-FR-VSE4C	4	3.600E-003	1.500E-004	2.400E+001
2149	VS-CHL-FR6-VSE4C	4	9.000E-004	1.500E-004	6.000E+000
2150	VS-CHL-FR7-VSE4B	6	5.400E-002	1.500E-004	7.200E+002
2151	VS-CHL-FS-VSE4B	1	3.900E-003	+0.000E+000	+0.000E+000
2152	VS-CHL-MA-VSE4B	F	+0.000E+000	+0.000E+000	+0.000E+000
2153	VS-CHL-MAOVSE4B	F	+0.000E+000	+0.000E+000	+0.000E+000
2154	VS-CKV-FT-VS292	1	1.000E-004	+0.000E+000	+0.000E+000
2155	VS-CKV-PG-VS271	4	2.400E-006	1.000E-007	2.400E+001
2156	VS-CKV-PG-VS276	4	2.400E-006	1.000E-007	2.400E+001
2157	VS-CKV-PG-VS288	4	2.400E-006	1.000E-007	2.400E+001
2158	VS-CKV-PG-VS296	4	2.400E-006	1.000E-007	2.400E+001
2159	VS-CKV-PG6-VS296	1	6.000E-007	1.000E-007	6.000E+000
2160	VS-EVC-FR-VSE1A	4	3.600E-003	1.500E-004	2.400E+001

BASIC EVENTS PROBABILITY REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Calculation Type	Mean Probability	Lamda	Tau
2161	VS-EVC-FR-VSE1B	4	3.600E-003	1.500E-004	2.400E+001
2162	VS-FMO-FR-FMO6	4	9.864E-005	4.110E-006	2.400E+001
2163	VS-FMO-FR-FMO7	4	9.864E-005	4.110E-006	2.400E+001
2164	VS-FMO-FR7-FMO7	6	3.452E-004	4.110E-006	1.680E+002
2165	VS-FMO-FS-FMO6	1	3.900E-003	+0.000E+000	+0.000E+000
2166	VS-FMO-FS-FMO7	1	3.900E-003	+0.000E+000	+0.000E+000
2167	VS-FRQ-MA-VSE4A	1	3.410E+000	+0.000E+000	+0.000E+000
2168	VS-MDF-FR-VSP1B	4	7.200E-004	3.000E-005	2.400E+001
2169	VS-MDF-FR-VSP1C	4	7.200E-004	3.000E-005	2.400E+001
2170	VS-MDP-FR-VSP1A	4	7.200E-004	3.000E-005	2.400E+001
2171	VS-MDP-FR-VSP2A	4	7.200E-004	3.000E-005	2.400E+001
2172	VS-MDP-FR-VSP2B	4	7.200E-004	3.000E-005	2.400E+001
2173	VS-MDP-FR-VSP2C	4	7.200E-004	3.000E-005	2.400E+001
2174	VS-MDP-FR-VSP3A	4	7.512E-004	3.130E-005	2.400E+001
2175	VS-MDP-FR-VSP3B	4	7.512E-004	3.130E-005	2.400E+001
2176	VS-MDP-FR6-VSP1C	4	1.800E-004	3.000E-005	6.000E+000
2177	VS-MDP-FR6-VSP2C	4	1.800E-004	3.000E-005	6.000E+000
2178	VS-MDP-FR7-VSP1B	1	1.080E-002	3.000E-005	7.200E+002
2179	VS-MDP-FR7-VSP2B	1	1.080E-002	3.000E-005	7.200E+002
2180	VS-MDP-FS-VSP1B	1	3.000E-003	+0.000E+000	+0.000E+000
2181	VS-MDP-FS-VSP2B	1	3.000E-003	+0.000E+000	+0.000E+000
2182	VS-MOV-FT-PG107B	1	3.000E-003	+0.000E+000	+0.000E+000
2183	VS-MOV-SC-P107A	1	1.200E-005	5.000E-007	2.400E+001
2184	VS-MOV-SC-P107C	1	1.200E-005	5.000E-007	2.400E+001
2185	VS-MSW-NO-TRAN1	1	2.660E-005	+0.000E+000	+0.000E+000
2186	VS-SW-CO-ACGR1B	1	2.660E-005	+0.000E+000	+0.000E+000
2187	VS-XHE-F0-E018	1	1.000E+000	+0.000E+000	+0.000E+000
2188	VS-XHE-F0-FCA10	1	1.000E+000	+0.000E+000	+0.000E+000
2189	VS-XVM-FT-VS247	6	3.600E-005	1.000E-007	7.200E+002
2190	VS-XVM-FT-VS251	6	3.600E-005	1.000E-007	7.200E+002
2191	VS-XVM-PG-VS291	6	3.600E-005	1.000E-007	7.200E+002
2192	VS-XVM-PG-VS294	6	3.600E-005	1.000E-007	7.200E+002
2193	WINDOW1	1	1.000E+000	+0.000E+000	+0.000E+000
2194	WINDOW2	1	1.000E+000	+0.000E+000	+0.000E+000
2195	Z	1	1.400E-002	+0.000E+000	+0.000E+000
2196	Z1	1	5.000E-001	+0.000E+000	+0.000E+000

APPENDIX G.3

Basic Events Uncertainty Values Report

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1	2E31III	L	1.400E-004	1.000E+000	
2	2E41IV	L	1.400E-004	1.000E+000	
3	2EH1-1	L	4.300E-004	5.000E+000	
4	2EH1L2	L	1.810E-001	2.000E+000	
5	2EHL2	L	1.810E-001	2.000E+000	
6	2EJ1-1	L	4.300E-004	1.000E+000	
7	A-4KD6-XHE-R-4	L	1.000E+000	1.000E+000	
8	A-4KW1-XHE-C-13	L	1.000E-003	5.000E+000	
9	A-4KW1-XHE-C-18	L	1.000E-003	5.000E+000	
10	A-4KW1-XHE-C-4	L	1.000E-003	5.000E+000	
11	A-4KW1-XHE-C-9	L	1.000E-003	5.000E+000	C
12	A-4KW1-XHE-FH-10	L	5.000E-005	5.000E+000	
13	A-4KW1-XHE-FH-14	L	5.000E-005	5.000E+000	
14	A-4KW1-XHE-FH-19	L	5.000E-005	5.000E+000	
15	A-4KW1-XHE-FH-5	L	5.000E-005	5.000E+000	
16	A-4KW1-XHE-FL-10	L	6.600E-002	3.000E+000	
17	A-4KW1-XHE-FL-14	L	6.100E-002	3.000E+000	
18	A-4KW1-XHE-FL-19	L	6.100E-002	3.000E+000	
19	A-4KW1-XHE-FL-5	L	1.000E-002	3.000E+000	
20	A-4KW1-XHE-G-15	L	1.000E+000	1.000E+000	
21	A-4KW1-XHE-G-6	L	1.000E+000	1.000E+000	
22	A-4KW1-XHE-P-13	L	1.000E-004	5.000E+000	
23	A-4KW1-XHE-P-18	L	1.000E-004	5.000E+000	
24	A-4KW1-XHE-P-4	L	1.000E-004	5.000E+000	
25	A-4KW1-XHE-P-9	L	1.000E-004	5.000E+000	
26	A-4KW1-XHE-R-12	L	8.500E-003	3.000E+000	4R1
27	A-4KW1-XHE-R-3	L	1.200E-003	3.000E+000	R41
28	A-4KW1-XHE-S1-17	L	1.000E-003	5.000E+000	
29	A-4KW1-XHE-S1-8	L	1.000E-003	5.000E+000	
30	A-4KW1-XHE-S2-17	L	8.000E-002	3.000E+000	DS1
31	A-4KW1-XHE-S2-8	L	4.000E-002	3.000E+000	
32	A-4KW1-XHE-S3-17	L	1.000E+000	1.000E+000	
33	A-4KW1-XHE-S3-8	L	1.000E+000	1.000E+000	
34	A-4KW2-XHE-C-13	L	1.000E-003	5.000E+000	
35	A-4KW2-XHE-C-18	L	1.000E-003	5.000E+000	
36	A-4KW2-XHE-C-4	L	1.000E-003	5.000E+000	
37	A-4KW2-XHE-C-9	L	1.000E-003	5.000E+000	
38	A-4KW2-XHE-FH-10	L	2.000E-005	5.000E+000	
39	A-4KW2-XHE-FH-14	L	2.000E-005	5.000E+000	
40	A-4KW2-XHE-FH-19	L	2.000E-005	5.000E+000	
41	A-4KW2-XHE-FH-5	L	2.000E-005	5.000E+000	
42	A-4KW2-XHE-FL-10	L	2.000E-003	1.000E+000	
43	A-4KW2-XHE-FL-14	L	8.000E-003	3.000E+000	FL4
44	A-4KW2-XHE-FL-19	L	1.300E-002	3.000E+000	FL6
45	A-4KW2-XHE-FL-5	L	7.600E-004	5.000E+000	
46	A-4KW2-XHE-G-15	L	1.000E+000	1.000E+000	
47	A-4KW2-XHE-G-6	L	1.000E+000	1.000E+000	
48	A-4KW2-XHE-P-13	L	1.000E-004	5.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
49	A-4KW2-XHE-P-18	L	1.000E-004	5.000E+000	
50	A-4KW2-XHE-P-4	L	1.000E-004	5.000E+000	
51	A-4KW2-XHE-P-9	L	1.000E-004	5.000E+000	
52	A-4KW2-XHE-R-12	L	3.000E-003	3.000E+000	4R2
53	A-4KW2-XHE-R-3	L	5.200E-004	5.000E+000	
54	A-4KW2-XHE-S1-17	L	1.000E-003	5.000E+000	
55	A-4KW2-XHE-S1-8	L	1.000E-003	5.000E+000	
56	A-4KW2-XHE-S2-17	L	5.300E-003	3.000E+000	DS2
57	A-4KW2-XHE-S2-8	L	2.600E-003	5.000E+000	
58	A-4KW2-XHE-S3-17	L	1.000E+000	1.000E+000	
59	A-4KW2-XHE-S3-8	L	1.000E+000	1.000E+000	
60	A-4KW2-XHE-X	L	1.000E-003	5.000E+000	
61	A-4KW3-XHE-FH-10	L	2.000E-005	5.000E+000	
62	A-4KW3-XHE-FH-13	L	2.000E-005	5.000E+000	
63	A-4KW3-XHE-FH-4	L	2.000E-005	5.000E+000	
64	A-4KW3-XHE-FH-7	L	2.000E-005	5.000E+000	
65	A-4KW3-XHE-FL-10	L	2.000E-003	3.000E+000	FL7
66	A-4KW3-XHE-FL-13	L	8.000E-003	3.000E+000	FL4
67	A-4KW3-XHE-FL-4	L	7.600E-004	5.000E+000	
68	A-4KW3-XHE-FL-7	L	1.300E-002	3.000E+000	
69	A-4KW3-XHE-G-11	L	1.000E+000	1.000E+000	
70	A-4KW3-XHE-G-5	L	1.000E+000	1.000E+000	
71	A-4KW3-XHE-R-3	L	5.200E-004	5.000E+000	
72	A-4KW3-XHE-R-9	L	3.000E-003	3.000E+000	
73	A-4KW3-XHE-S1-4	L	1.000E-003	5.000E+000	
74	A-4KW3-XHE-S1-8	L	1.000E-003	5.000E+000	
75	A-4KW3-XHE-S2-4	L	2.600E-003	3.000E+000	
76	A-4KW3-XHE-S2-8	L	5.300E-003	3.000E+000	
77	A-4KW3-XHE-S3-4	L	1.000E+000	1.000E+000	
78	A-4KW3-XHE-S3-8	L	1.000E+000	1.000E+000	
79	A-4KW4-XHE-FH-10	L	2.000E-005	5.000E+000	
80	A-4KW4-XHE-FH-13	L	2.000E-005	5.000E+000	
81	A-4KW4-XHE-FH-4	L	2.000E-005	5.000E+000	
82	A-4KW4-XHE-FH-7	L	2.000E-005	5.000E+000	
83	A-4KW4-XHE-FL-10	L	6.900E-005	5.000E+000	
84	A-4KW4-XHE-FL-13	L	1.100E-003	3.000E+000	FL5
85	A-4KW4-XHE-FL-4	L	6.900E-005	5.000E+000	
86	A-4KW4-XHE-FL-7	L	1.100E-003	5.000E+000	
87	A-4KW4-XHE-G-11	L	1.000E+000	1.000E+000	
88	A-4KW4-XHE-G-5	L	1.000E+000	1.000E+000	
89	A-4KW4-XHE-R-3	L	1.200E-004	5.000E+000	
90	A-4KW4-XHE-R-9	L	9.600E-004	5.000E+000	
91	A-4KW4-XHE-S1-4	L	1.000E-003	5.000E+000	
92	A-4KW4-XHE-S1-8	L	1.000E-003	5.000E+000	
93	A-4KW4-XHE-S2-4	L	1.000E-003	5.000E+000	
94	A-4KW4-XHE-S2-8	L	2.000E-003	3.000E+000	
95	A-4KW4-XHE-S3-4	L	1.000E+000	1.000E+000	
96	A-4KW4-XHE-S3-8	L	1.000E+000	1.000E+000	

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BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
97	A-ARW1-XHE-C-10	L	1.000E-003	5.000E+000	
98	A-ARW1-XHE-C-5	L	1.000E-003	5.000E+000	
99	A-ARW1-XHE-FH-11	L	5.000E-005	5.000E+000	
100	A-ARW1-XHE-FH-6	L	5.000E-005	5.000E+000	
101	A-ARW1-XHE-FL-11	L	6.100E-002	3.000E+000	
102	A-ARW1-XHE-FL-6	L	6.100E-002	3.000E+000	
103	A-ARW1-XHE-G-7	L	1.000E+000	1.000E+000	
104	A-ARW1-XHE-P-5	L	1.000E-004	1.000E+000	
105	A-ARW1-XHE-R-5	L	8.500E-003	3.000E+000	
106	A-ARW1-XHE-S1-10	L	8.000E-002	3.000E+000	
107	A-ARW1-XHE-S2-10	L	1.000E+000	1.000E+000	
108	A-ARW1-XHE-SF-10	L	1.000E-003	5.000E+000	
109	A-ARW2-XHE-C-10	L	1.000E-003	5.000E+000	
110	A-ARW2-XHE-C-5	L	1.000E-003	5.000E+000	
111	A-ARW2-XHE-FH-11	L	2.000E-005	5.000E+000	
112	A-ARW2-XHE-FH-6	L	2.000E-005	5.000E+000	
113	A-ARW2-XHE-FL-11	L	1.300E-002	3.000E+000	
114	A-ARW2-XHE-FL-6	L	8.000E-003	3.000E+000	
115	A-ARW2-XHE-G-7	L	1.000E+000	1.000E+000	
116	A-ARW2-XHE-P-5	L	1.000E-004	5.000E+000	
117	A-ARW2-XHE-R-5	L	3.000E-003	3.000E+000	
118	A-ARW2-XHE-S1-10	L	5.300E-003	3.000E+000	
119	A-ARW2-XHE-S2-10	L	1.000E+000	1.000E+000	
120	A-ARW2-XHE-SF-10	L	1.000E-003	5.000E+000	
121	A-ARW2-XHE-X	L	1.000E-003	5.000E+000	
122	A-ARW3-XHE-FH-5	L	2.000E-005	5.000E+000	
123	A-ARW3-XHE-FH-9	L	2.000E-005	5.000E+000	
124	A-ARW3-XHE-FL-5	L	8.000E-003	3.000E+000	
125	A-ARW3-XHE-FL-9	L	1.300E-002	3.000E+000	
126	A-ARW3-XHE-G-6	L	1.000E+000	1.000E+000	
127	A-ARW3-XHE-R-5	L	3.000E-003	3.000E+000	
128	A-ARW3-XHE-S1-9	L	5.300E-003	3.000E+000	
129	A-ARW3-XHE-S2-9	L	1.000E+000	1.000E+000	
130	A-ARW3-XHE-SF-9	L	1.000E-003	5.000E+000	
131	A-ARW4-XHE-FH-6	L	2.000E-005	5.000E+000	
132	A-ARW4-XHE-FH-9	L	2.000E-005	5.000E+000	
133	A-ARW4-XHE-FL-6	L	1.100E-003	3.000E+000	
134	A-ARW4-XHE-FL-9	L	1.100E-003	3.000E+000	
135	A-ARW4-XHE-G-6	L	1.000E+000	1.000E+000	
136	A-ARW4-XHE-R-6	L	9.600E-004	5.000E+000	
137	A-ARW4-XHE-S1-9	L	2.000E-003	3.000E+000	
138	A-ARW4-XHE-S2-9	L	1.000E+000	1.000E+000	
139	A-ARW4-XHE-SF-9	L	1.000E-003	5.000E+000	
140	A-B1W1-XHE-2CH-4	L	3.300E-001	2.000E+000	
141	A-B1W1-XHE-2CH-8	L	3.300E-001	2.000E+000	CH1
142	A-B1W1-XHE-CW-4	L	7.500E-002	3.000E+000	
143	A-B1W1-XHE-CW-8	L	7.500E-002	3.000E+000	
144	A-B1W1-XHE-G-5	L	1.000E+000	1.000E+000	

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BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
145	A-B1W1-XHE-S1-8	L	5.500E-001	2.000E+000	
146	A-B1W1-XHE-S2-8	L	1.000E+000	1.000E+000	
147	A-B1W1-XHE-SF-8	L	1.000E-003	5.000E+000	
148	A-B1W2-XHE-2CH-4	L	3.700E-002	3.000E+000	XW2
149	A-B1W2-XHE-2CH-8	L	3.700E-002	3.000E+000	CH2
150	A-B1W2-XHE-CW-4	L	1.900E-002	3.000E+000	CW2
151	A-B1W2-XHE-CW-8	L	1.900E-002	3.000E+000	CW2
152	A-B1W2-XHE-G-5	L	1.000E+000	1.000E+000	
153	A-B1W2-XHE-S1-8	L	3.600E-001	2.000E+000	
154	A-B1W2-XHE-S2-8	L	1.000E+000	1.000E+000	
155	A-B1W2-XHE-SF-8	L	1.000E-003	5.000E+000	
156	A-B1W3-XHE-2CH-4	L	3.700E-002	3.000E+000	CH2
157	A-B1W3-XHE-2CH-8	L	3.700E-002	3.000E+000	CH2
158	A-B1W3-XHE-CW-4	L	1.900E-002	3.000E+000	CW2
159	A-B1W3-XHE-CW-8	L	1.900E-002	3.000E+000	CW2
160	A-B1W3-XHE-G-5	L	1.000E+000	1.000E+000	
161	A-B1W3-XHE-S1-5	L	1.100E-001	2.000E+000	
162	A-B1W3-XHE-S2-5	L	1.000E+000	1.000E+000	
163	A-B1W3-XHE-SF-5	L	1.000E-003	5.000E+000	
164	A-B1W4-XHE-2CH-5	L	1.400E-003	3.000E+000	XW4
165	A-B1W4-XHE-2CH-8	L	1.400E-003	3.000E+000	CH4
166	A-B1W4-XHE-CW-5	L	7.500E-003	3.000E+000	CW4
167	A-B1W4-XHE-CW-8	L	7.500E-003	3.000E+000	CW4
168	A-B1W4-XHE-G-5	L	1.000E+000	1.000E+000	
169	A-B1W4-XHE-S1-5	L	1.100E-001	2.000E+000	
170	A-B1W4-XHE-S2-5	L	1.000E+000	1.000E+000	
171	A-B1W4-XHE-SF-5	L	1.000E-003	5.000E+000	
172	A-B2W1-XHE-G-4	L	6.000E-003	3.000E+000	
173	A-B2W2-XHE-G-4	L	6.200E-004	5.000E+000	
174	A-B2W3-XHE-G-4	L	6.200E-004	5.000E+000	
175	A-B2W4-XHE-G-4	L	1.700E-004	5.000E+000	
176	A-CCW1-XHE-C-4	L	1.000E-003	5.000E+000	
177	A-CCW1-XHE-C-9	L	1.000E-003	5.000E+000	C
178	A-CCW1-XHE-FH-10	L	5.000E-005	5.000E+000	
179	A-CCW1-XHE-FL-10	L	1.000E-002	3.000E+000	FLH
180	A-CCW1-XHE-G-6	L	1.000E+000	1.000E+000	
181	A-CCW1-XHE-P-4	L	1.000E-004	5.000E+000	
182	A-CCW1-XHE-S1-8	L	4.100E-002	3.000E+000	CS1
183	A-CCW1-XHE-S2-8	L	1.000E+000	1.000E+000	
184	A-CCW1-XHE-SF-8	L	1.000E-003	5.000E+000	
185	A-CCW2-XHE-C-4	L	1.000E-003	5.000E+000	
186	A-CCW2-XHE-C-9	L	1.000E-003	5.000E+000	
187	A-CCW2-XHE-FH-10	L	2.000E-005	5.000E+000	
188	A-CCW2-XHE-FL-10	L	1.200E-003	3.000E+000	FLM
189	A-CCW2-XHE-G-6	L	1.000E+000	1.000E+000	
190	A-CCW2-XHE-P-4	L	1.000E-004	5.000E+000	
191	A-CCW2-XHE-S1-8	L	4.200E-002	3.000E+000	CS2
192	A-CCW2-XHE-S2-8	L	1.000E+000	1.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
193	A-CCW2-XHE-SF-8	L	1.000E-003	5.000E+000	
194	A-CCW2-XHE-X	L	1.000E-003	5.000E+000	X
195	A-CCW3-XHE-FH-10	L	2.000E-005	5.000E+000	
196	A-CCW3-XHE-FL-10	L	1.200E-003	3.000E+000	
197	A-CCW3-XHE-FL-5	L	1.200E-003	3.000E+000	FL2
198	A-CCW3-XHE-G-6	L	1.000E+000	1.000E+000	
199	A-CCW3-XHE-S1-7	L	4.200E-002	3.000E+000	
200	A-CCW3-XHE-S2-7	L	1.000E+000	1.000E+000	
201	A-CCW3-XHE-SF-7	L	1.000E-003	5.000E+000	
202	A-CCW4-XHE-FH-10	L	2.000E-005	5.000E+000	
203	A-CCW4-XHE-FL-10	L	1.200E-003	3.000E+000	
204	A-CCW4-XHE-G-6	L	1.000E+000	1.000E+000	
205	A-CCW4-XHE-S1-7	L	4.200E-002	3.000E+000	
206	A-CCW4-XHE-S2-7	L	1.000E+000	1.000E+000	
207	A-CCW4-XHE-SF-7	L	1.000E-003	5.000E+000	
208	A-L1W1-XHE-S	L	8.000E-004	1.000E+000	
209	A-L1W1-XHE-C-13	L	1.000E-003	5.000E+000	C
210	A-L1W1-XHE-C-17	L	1.000E-003	5.000E+000	C
211	A-L1W1-XHE-C-4	L	1.000E-003	5.000E+000	
212	A-L1W1-XHE-C-8	L	1.000E-003	5.000E+000	
213	A-L1W1-XHE-FH-14	L	5.000E-005	5.000E+000	
214	A-L1W1-XHE-FH-18	L	5.000E-005	5.000E+000	
215	A-L1W1-XHE-FH-5	L	5.000E-005	5.000E+000	
216	A-L1W1-XHE-FH-9	L	5.000E-005	5.000E+000	
217	A-L1W1-XHE-FL-14	L	6.100E-002	3.000E+000	FL3
218	A-L1W1-XHE-FL-18	L	6.100E-002	3.000E+000	FL3
219	A-L1W1-XHE-FL-5	L	1.000E-002	3.000E+000	
220	A-L1W1-XHE-FL-9	L	6.600E-002	3.000E+000	
221	A-L1W1-XHE-G-10	L	1.000E+000	1.000E+000	
222	A-L1W1-XHE-G-6	L	1.000E+000	1.000E+000	
223	A-L1W1-XHE-P-13	L	1.000E-004	5.000E+000	
224	A-L1W1-XHE-P-17	L	1.000E-004	5.000E+000	
225	A-L1W1-XHE-P-4	L	1.000E-004	5.000E+000	
226	A-L1W1-XHE-P-8	L	1.000E-004	5.000E+000	
227	A-L1W1-XHE-R-4	L	1.600E-002	3.000E+000	LR1
228	A-L1W1-XHE-S1-13	L	4.000E-002	3.000E+000	
229	A-L1W1-XHE-S1-17	L	8.000E-002	3.000E+000	
230	A-L1W1-XHE-S2-13	L	1.000E+000	1.000E+000	
231	A-L1W1-XHE-S2-17	L	1.000E+000	1.000E+000	
232	A-L1W1-XHE-SF-13	L	1.000E-003	5.000E+000	
233	A-L1W1-XHE-SF-17	L	1.000E-003	5.000E+000	
234	A-L1W2-XHE-C-13	L	1.000E-003	5.000E+000	
235	A-L1W2-XHE-C-17	L	1.000E-003	5.000E+000	
236	A-L1W2-XHE-C-4	L	1.000E-003	5.000E+000	
237	A-L1W2-XHE-C-8	L	1.000E-003	5.000E+000	
238	A-L1W2-XHE-FH-14	L	2.000E-005	5.000E+000	
239	A-L1W2-XHE-FH-18	L	2.000E-005	5.000E+000	
240	A-L1W2-XHE-FH-5	L	2.000E-005	5.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
241	A-L1W2-XHE-FH-9	L	2.000E-005	5.000E+000	
242	A-L1W2-XHE-FL-14	L	8.000E-003	3.000E+000	
243	A-L1W2-XHE-FL-18	L	1.300E-002	3.000E+000	
244	A-L1W2-XHE-FL-5	L	7.600E-004	5.000E+000	
245	A-L1W2-XHE-FL-9	L	2.000E-003	3.000E+000	
246	A-L1W2-XHE-G-10	L	1.000E+000	1.000E+000	
247	A-L1W2-XHE-G-6	L	1.000E+000	1.000E+000	
248	A-L1W2-XHE-P-13	L	1.000E-004	5.000E+000	
249	A-L1W2-XHE-P-17	L	1.000E-004	5.000E+000	
250	A-L1W2-XHE-P-4	L	1.000E-004	5.000E+000	
251	A-L1W2-XHE-P-8	L	1.000E-004	5.000E+000	
252	A-L1W2-XHE-R-4	L	5.900E-003	3.000E+000	LR2
253	A-L1W2-XHE-S1-13	L	2.600E-003	3.000E+000	
254	A-L1W2-XHE-S1-17	L	5.300E-003	3.000E+000	
255	A-L1W2-XHE-S2-13	L	1.000E+000	1.000E+000	
256	A-L1W2-XHE-S2-17	L	1.000E+000	1.000E+000	
257	A-L1W2-XHE-SF-13	L	1.000E-003	5.000E+000	
258	A-L1W2-XHE-SF-17	L	1.000E-003	5.000E+000	
259	A-L1W2-XHE-X	L	1.000E-003	5.000E+000	X
260	A-L1W3-XHE-FH-10	L	2.000E-005	5.000E+000	
261	A-L1W3-XHE-FH-12	L	2.000E-005	5.000E+000	
262	A-L1W3-XHE-FH-4	L	2.000E-005	5.000E+000	
263	A-L1W3-XHE-FH-7	L	2.000E-005	5.000E+000	
264	A-L1W3-XHE-FL-10	L	8.000E-003	3.000E+000	
265	A-L1W3-XHE-FL-12	L	1.300E-002	3.000E+000	
266	A-L1W3-XHE-FL-4	L	7.600E-004	5.000E+000	
267	A-L1W3-XHE-FL-7	L	2.000E-003	3.000E+000	
268	A-L1W3-XHE-G-5	L	1.000E+000	1.000E+000	
269	A-L1W3-XHE-G-8	L	1.000E+000	1.000E+000	
270	A-L1W3-XHE-R-4	L	5.900E-003	3.000E+000	
271	A-L1W3-XHE-S1-5	L	2.600E-003	3.000E+000	
272	A-L1W3-XHE-S1-8	L	5.300E-003	3.000E+000	
273	A-L1W3-XHE-S2-5	L	1.000E+000	1.000E+000	
274	A-L1W3-XHE-S2-8	L	1.000E+000	1.000E+000	
275	A-L1W3-XHE-SF-5	L	1.000E-003	5.000E+000	
276	A-L1W3-XHE-SF-8	L	1.000E-003	5.000E+000	
277	A-L1W4-XHE-FH-10	L	2.000E-005	5.000E+000	
278	A-L1W4-XHE-FH-12	L	2.000E-005	5.000E+000	
279	A-L1W4-XHE-FH-5	L	2.000E-005	5.000E+000	
280	A-L1W4-XHE-FH-8	L	2.000E-005	5.000E+000	
281	A-L1W4-XHE-FL-10	L	1.100E-003	3.000E+000	
282	A-L1W4-XHE-FL-12	L	1.100E-003	3.000E+000	
283	A-L1W4-XHE-FL-5	L	6.900E-005	5.000E+000	
284	A-L1W4-XHE-FL-8	L	6.900E-005	5.000E+000	
285	A-L1W4-XHE-G-5	L	1.000E+000	1.000E+000	
286	A-L1W4-XHE-G-8	L	1.000E+000	1.000E+000	
287	A-L1W4-XHE-R-5	L	1.600E-003	3.000E+000	
288	A-L1W4-XHE-S1-5	L	1.000E-003	5.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
289	A-L1W4-XHE-S1-8	L	2.000E-003	3.000E+000	
290	A-L1W4-XHE-S2-5	L	1.000E+000	1.000E+000	
291	A-L1W4-XHE-S2-8	L	1.000E+000	1.000E+000	
292	A-L1W4-XHE-SF-5	L	1.000E-003	5.000E+000	
293	A-L1W4-XHE-SF-8	L	1.000E-003	5.000E+000	
294	A-L2-XHE-S	L	4.700E-003	1.000E+000	
295	A-L2W1-XHE-C-13	L	1.000E-003	5.000E+000	
296	A-L2W1-XHE-C-17	L	1.000E-003	5.000E+000	
297	A-L2W1-XHE-C-4	L	1.000E-003	5.000E+000	
298	A-L2W1-XHE-C-8	L	1.000E-003	5.000E+000	
299	A-L2W1-XHE-FH-14	L	5.000E-005	5.000E+000	
300	A-L2W1-XHE-FH-18	L	5.000E-005	5.000E+000	
301	A-L2W1-XHE-FH-5	L	5.000E-005	5.000E+000	
302	A-L2W1-XHE-FH-9	L	5.000E-005	5.000E+000	
303	A-L2W1-XHE-FL-14	L	6.100E-002	3.000E+000	
304	A-L2W1-XHE-FL-18	L	6.100E-002	3.000E+000	
305	A-L2W1-XHE-FL-5	L	1.000E-002	3.000E+000	
306	A-L2W1-XHE-FL-9	L	6.600E-002	3.000E+000	
307	A-L2W1-XHE-G-10	L	1.000E+000	1.000E+000	
308	A-L2W1-XHE-G-6	L	1.000E+000	1.000E+000	
309	A-L2W1-XHE-P-13	L	1.000E-004	5.000E+000	
310	A-L2W1-XHE-P-17	L	1.000E-004	5.000E+000	
311	A-L2W1-XHE-P-4	L	1.000E-004	5.000E+000	
312	A-L2W1-XHE-P-8	L	1.000E-004	5.000E+000	
313	A-L2W1-XHE-R-4	L	1.600E-002	3.000E+000	LR1
314	A-L2W1-XHE-S1-13	L	4.000E-002	3.000E+000	
315	A-L2W1-XHE-S1-17	L	8.000E-002	3.000E+000	DS1
316	A-L2W1-XHE-S2-13	L	1.000E+000	1.000E+000	
317	A-L2W1-XHE-S2-17	L	1.000E+000	1.000E+000	
318	A-L2W1-XHE-SF-13	L	1.000E-003	5.000E+000	
319	A-L2W1-XHE-SF-17	L	1.000E-003	5.000E+000	
320	A-L2W2-XHE-C-13	L	1.000E-003	5.000E+000	
321	A-L2W2-XHE-C-17	L	1.000E-003	5.000E+000	
322	A-L2W2-XHE-C-4	L	1.000E-003	5.000E+000	
323	A-L2W2-XHE-C-8	L	1.000E-003	5.000E+000	
324	A-L2W2-XHE-FH-14	L	2.000E-005	5.000E+000	
325	A-L2W2-XHE-FH-18	L	2.000E-005	5.000E+000	
326	A-L2W2-XHE-FH-5	L	2.000E-005	5.000E+000	
327	A-L2W2-XHE-FH-9	L	2.000E-005	5.000E+000	
328	A-L2W2-XHE-FL-14	L	8.000E-003	3.000E+000	
329	A-L2W2-XHE-FL-18	L	1.300E-002	3.000E+000	
330	A-L2W2-XHE-FL-5	L	7.600E-004	5.000E+000	
331	A-L2W2-XHE-FL-9	L	2.000E-003	3.000E+000	
332	A-L2W2-XHE-G-10	L	1.000E+000	1.000E+000	
333	A-L2W2-XHE-G-6	L	1.000E+000	1.000E+000	
334	A-L2W2-XHE-P-13	L	1.000E-004	5.000E+000	
335	A-L2W2-XHE-P-17	L	1.000E-004	5.000E+000	
336	A-L2W2-XHE-P-4	L	1.000E-004	5.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
337	A-L2W2-XHE-P-8	L	1.000E-004	5.000E+000	LR2
338	A-L2W2-XHE-R-4	L	5.900E-003	3.000E+000	
339	A-L2W2-XHE-S1-13	L	2.600E-003	3.000E+000	
340	A-L2W2-XHE-S1-17	L	5.300E-003	3.000E+000	
341	A-L2W2-XHE-S2-13	L	1.000E+000	1.000E+000	
342	A-L2W2-XHE-S2-17	L	1.000E+000	1.000E+000	
343	A-L2W2-XHE-SF-13	L	1.000E-003	5.000E+000	
344	A-L2W2-XHE-SF-17	L	1.000E-003	5.000E+000	
345	A-L2W2-XHE-X	L	1.000E-003	5.000E+000	
346	A-L2W3-XHE-FH-10	L	2.000E-005	5.000E+000	
347	A-L2W3-XHE-FH-12	L	2.000E-005	5.000E+000	FL6
348	A-L2W3-XHE-FH-4	L	2.000E-005	5.000E+000	
349	A-L2W3-XHE-FH-7	L	2.000E-005	5.000E+000	
350	A-L2W3-XHE-FL-10	L	8.000E-003	3.000E+000	
351	A-L2W3-XHE-FL-12	L	1.300E-002	3.000E+000	
352	A-L2W3-XHE-FL-4	L	7.600E-004	5.000E+000	
353	A-L2W3-XHE-FL-7	L	2.000E-003	3.000E+000	
354	A-L2W3-XHE-G-5	L	1.000E+000	1.000E+000	
355	A-L2W3-XHE-G-8	L	1.000E+000	1.000E+000	
356	A-L2W3-XHE-R-4	L	5.900E-003	3.000E+000	LR2
357	A-L2W3-XHE-S1-5	L	2.600E-003	3.000E+000	
358	A-L2W3-XHE-S1-8	L	5.300E-003	3.000E+000	
359	A-L2W3-XHE-S2-5	L	1.000E+000	1.000E+000	
360	A-L2W3-XHE-S2-8	L	1.000E+000	1.000E+000	
361	A-L2W3-XHE-SF-5	L	1.000E-003	5.000E+000	
362	A-L2W3-XHE-SF-8	L	1.000E-003	5.000E+000	
363	A-L2W4-XHE-FH-10	L	2.000E-005	5.000E+000	
364	A-L2W4-XHE-FH-12	L	2.000E-005	5.000E+000	
365	A-L2W4-XHE-FH-5	L	2.000E-005	5.000E+000	
366	A-L2W4-XHE-FH-8	L	2.000E-005	5.000E+000	
367	A-L2W4-XHE-FL-10	L	1.100E-003	3.000E+000	
368	A-L2W4-XHE-FL-12	L	1.100E-003	3.000E+000	
369	A-L2W4-XHE-FL-5	L	6.900E-005	5.000E+000	
370	A-L2W4-XHE-FL-8	L	6.900E-005	5.000E+000	
371	A-L2W4-XHE-G-5	L	1.000E+000	1.000E+000	
372	A-L2W4-XHE-G-8	L	1.000E+000	1.000E+000	
373	A-L2W4-XHE-R-5	L	1.600E-003	3.000E+000	
374	A-L2W4-XHE-S1-5	L	1.000E-003	5.000E+000	
375	A-L2W4-XHE-S1-8	L	2.000E-003	3.000E+000	
376	A-L2W4-XHE-S2-5	L	1.000E+000	1.000E+000	
377	A-L2W4-XHE-S2-8	L	1.000E+000	1.000E+000	
378	A-L2W4-XHE-SF-5	L	1.000E-003	5.000E+000	
379	A-L2W4-XHE-SF-8	L	1.000E-003	5.000E+000	
380	A-L3-XHE-S	L	1.800E-002	3.000E+000	
381	A-L3W1-XHE-C-13	L	1.000E-003	5.000E+000	
382	A-L3W1-XHE-C-17	L	1.000E-003	5.000E+000	
383	A-L3W1-XHE-C-4	L	1.000E-003	5.000E+000	
384	A-L3W1-XHE-C-8	L	1.000E-003	5.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
385	A-L3W1-XHE-CW-4	L	7.500E-002	3.000E+000	CW1
386	A-L3W1-XHE-FH-14	L	5.000E-005	5.000E+000	
387	A-L3W1-XHE-FH-18	L	5.000E-005	5.000E+000	
388	A-L3W1-XHE-FH-5	L	5.000E-005	5.000E+000	
389	A-L3W1-XHE-FH-9	L	5.000E-005	5.000E+000	
390	A-L3W1-XHE-FL-14	L	6.100E-002	3.000E+000	
391	A-L3W1-XHE-FL-18	L	6.100E-002	3.000E+000	
392	A-L3W1-XHE-FL-5	L	1.000E-002	3.000E+000	
393	A-L3W1-XHE-FL-9	L	6.600E-002	3.000E+000	
394	A-L3W1-XHE-G-10	L	1.000E+000	1.000E+000	
395	A-L3W1-XHE-G-6	L	1.000E+000	1.000E+000	
396	A-L3W1-XHE-P-13	L	1.000E-004	5.000E+000	
397	A-L3W1-XHE-P-17	L	1.000E-004	5.000E+000	
398	A-L3W1-XHE-P-4	L	1.000E-004	5.000E+000	
399	A-L3W1-XHE-P-8	L	1.000E-004	5.000E+000	
400	A-L3W1-XHE-R-4	L	1.600E-002	3.000E+000	LR1
401	A-L3W1-XHE-S1-13	L	4.000E-002	3.000E+000	
402	A-L3W1-XHE-S1-17	L	8.000E-002	3.000E+000	DS1
403	A-L3W1-XHE-S2-13	L	1.000E+000	1.000E+000	
404	A-L3W1-XHE-S2-17	L	1.000E+000	1.000E+000	
405	A-L3W1-XHE-SF-13	L	1.000E-003	5.000E+000	
406	A-L3W1-XHE-SF-17	L	1.000E-003	5.000E+000	
407	A-L3W2-XHE-C-13	L	1.000E-003	5.000E+000	
408	A-L3W2-XHE-C-17	L	1.000E-003	5.000E+000	
409	A-L3W2-XHE-C-4	L	1.000E-003	5.000E+000	
410	A-L3W2-XHE-C-8	L	1.000E-003	5.000E+000	
411	A-L3W2-XHE-CW-4	L	1.900E-002	3.000E+000	
412	A-L3W2-XHE-FH-14	L	2.000E-005	5.000E+000	
413	A-L3W2-XHE-FH-18	L	2.000E-005	5.000E+000	
414	A-L3W2-XHE-FH-5	L	2.000E-005	5.000E+000	
415	A-L3W2-XHE-FH-9	L	2.000E-005	5.000E+000	
416	A-L3W2-XHE-FL-14	L	8.000E-003	3.000E+000	
417	A-L3W2-XHE-FL-18	L	1.300E-002	3.000E+000	FL6
418	A-L3W2-XHE-FL-5	L	7.600E-004	5.000E+000	
419	A-L3W2-XHE-FL-9	L	2.000E-003	3.000E+000	
420	A-L3W2-XHE-G-10	L	1.000E+000	1.000E+000	
421	A-L3W2-XHE-G-6	L	1.000E+000	1.000E+000	
422	A-L3W2-XHE-P-13	L	1.000E-004	5.000E+000	
423	A-L3W2-XHE-P-17	L	1.000E-004	5.000E+000	
424	A-L3W2-XHE-P-4	L	1.000E-004	5.000E+000	
425	A-L3W2-XHE-P-8	L	1.000E-004	5.000E+000	
426	A-L3W2-XHE-R-4	L	5.900E-003	3.000E+000	A-V
427	A-L3W2-XHE-S1-13	L	2.600E-003	3.000E+000	
428	A-L3W2-XHE-S1-17	L	5.300E-003	3.000E+000	DS2
429	A-L3W2-XHE-S2-13	L	1.000E+000	1.000E+000	
430	A-L3W2-XHE-S2-17	L	1.000E+000	1.000E+000	
431	A-L3W2-XHE-SF-13	L	1.000E-003	5.000E+000	
432	A-L3W2-XHE-SF-17	L	1.000E-003	5.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
433	A-L3W2-XHE-X	L	1.000E-003	5.000E+000	CW2
434	A-L3W3-XHE-CW-4	L	1.900E-002	3.000E+000	
435	A-L3W3-XHE-FH-10	L	2.000E-005	5.000E+000	
436	A-L3W3-XHE-FH-12	L	2.000E-005	5.000E+000	
437	A-L3W3-XHE-FH-4	L	2.000E-005	5.000E+000	
438	A-L3W3-XHE-FH-7	L	2.000E-005	5.000E+000	
439	A-L3W3-XHE-FL-10	L	8.000E-003	3.000E+000	
440	A-L3W3-XHE-FL-12	L	1.300E-002	3.000E+000	
441	A-L3W3-XHE-FL-4	L	7.600E-004	5.000E+000	
442	A-L3W3-XHE-FL-7	L	2.000E-003	3.000E+000	
443	A-L3W3-XHE-G-5	L	1.000E+000	1.000E+000	LR2
444	A-L3W3-XHE-G-8	L	1.000E+000	1.000E+000	
445	A-L3W3-XHE-R-4	L	5.900E-003	3.000E+000	
446	A-L3W3-XHE-S1-12	L	1.000E+000	1.000E+000	
447	A-L3W3-XHE-S1-5	L	2.600E-003	3.000E+000	
448	A-L3W3-XHE-S1-8	L	5.300E-003	3.000E+000	
449	A-L3W3-XHE-S2-5	L	1.000E+000	1.000E+000	
450	A-L3W3-XHE-S2-8	L	1.000E+000	1.000E+000	
451	A-L3W3-XHE-SF-5	L	1.000E-003	5.000E+000	
452	A-L3W3-XHE-SF-8	L	1.000E-003	5.000E+000	CW4
453	A-L3W4-XHE-CW-5	L	7.500E-003	3.000E+000	
454	A-L3W4-XHE-FH-10	L	2.000E-005	5.000E+000	
455	A-L3W4-XHE-FH-12	L	2.000E-005	5.000E+000	
456	A-L3W4-XHE-FH-5	L	2.000E-005	5.000E+000	
457	A-L3W4-XHE-FH-8	L	2.000E-005	5.000E+000	
458	A-L3W4-XHE-FL-10	L	1.100E-003	3.000E+000	
459	A-L3W4-XHE-FL-12	L	1.100E-003	3.000E+000	
460	A-L3W4-XHE-FL-5	L	6.900E-005	5.000E+000	
461	A-L3W4-XHE-FL-8	L	6.900E-005	5.000E+000	LR3
462	A-L3W4-XHE-G-5	L	1.000E+000	1.000E+000	
463	A-L3W4-XHE-G-8	L	1.000E+000	1.000E+000	
464	A-L3W4-XHE-R-5	L	1.600E-003	3.000E+000	
465	A-L3W4-XHE-S1-5	L	1.000E-003	5.000E+000	
466	A-L3W4-XHE-S1-8	L	2.000E-003	3.000E+000	
467	A-L3W4-XHE-S2-5	L	1.000E+000	1.000E+000	
468	A-L3W4-XHE-S2-8	L	1.000E+000	1.000E+000	
469	A-L3W4-XHE-SF-5	L	1.000E-003	5.000E+000	
470	A-L3W4-XHE-SF-8	L	1.000E-003	5.000E+000	
471	A-R3D6-XHE-F-3	L	4.100E-002	3.000E+000	
472	A-R3R10-XHE-F-4	L	6.900E-005	5.000E+000	
473	A-R3R10-XHE-G-4	L	1.700E-004	5.000E+000	
474	A-R3R6-XHE-F-4	L	1.200E-003	3.000E+000	
475	A-R3R6-XHE-G-5	L	1.100E-003	3.000E+000	
476	A-R3R6-XHE-S-8	L	4.200E-003	3.000E+000	
477	A-R3W1-XHE-C-3	L	1.000E-003	5.000E+000	
478	A-R3W1-XHE-C-8	L	1.000E-003	5.000E+000	
479	A-R3W1-XHE-FH-4	L	5.000E-005	5.000E+000	
480	A-R3W1-XHE-FH-9	L	5.000E-005	5.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
481	A-R3W1-XHE-FL-4	L	5.000E-003	3.000E+000	
482	A-R3W1-XHE-FL-9	L	1.000E-002	3.000E+000	FLH
483	A-R3W1-XHE-G-5	L	1.000E+000	1.000E+000	
484	A-R3W1-XHE-P-3	L	1.000E-004	5.000E+000	
485	A-R3W1-XHE-S1-8	L	4.100E-002	3.000E+000	CS1
486	A-R3W1-XHE-S2-8	L	1.000E+000	1.000E+000	
487	A-R3W1-XHE-SF-8	L	1.000E-003	5.000E+000	
488	A-R3W2-XHE-C-3	L	1.000E-003	5.000E+000	
489	A-R3W2-XHE-C-8	L	1.000E-003	5.000E+000	C
490	A-R3W2-XHE-FH-4	L	2.000E-005	5.000E+000	
491	A-R3W2-XHE-FH-9	L	2.000E-005	5.000E+000	
492	A-R3W2-XHE-FL-4	L	1.200E-003	3.000E+000	
493	A-R3W2-XHE-FL-9	L	1.200E-003	3.000E+000	FLM
494	A-R3W2-XHE-G-5	L	1.000E+000	1.000E+000	
495	A-R3W2-XHE-P-3	L	1.000E-004	5.000E+000	
496	A-R3W2-XHE-S1-8	L	4.200E-002	3.000E+000	CS2
497	A-R3W2-XHE-S2-8	L	1.000E+000	1.000E+000	
498	A-R3W2-XHE-SF-8	L	1.000E-003	5.000E+000	
499	A-R3W2-XHE-X	L	1.000E-003	5.000E+000	X
500	A-R3W3-XHE-FH-3	L	2.000E-005	5.000E+000	
501	A-R3W3-XHE-FH-7	L	2.000E-005	5.000E+000	
502	A-R3W3-XHE-FL-3	L	1.200E-003	3.000E+000	FL2
503	A-R3W3-XHE-FL-7	L	1.200E-003	3.000E+000	FLM
504	A-R3W3-XHE-G-4	L	1.000E+000	1.000E+000	
505	A-R3W3-XHE-S1-7	L	4.200E-002	3.000E+000	CS2
506	A-R3W3-XHE-S2-7	L	1.000E+000	1.000E+000	
507	A-R3W3-XHE-SF-7	L	1.000E-003	5.000E+000	
508	A-R3W4-XHE-FH-4	L	2.000E-005	5.000E+000	
509	A-R3W4-XHE-FH-7	L	2.000E-005	5.000E+000	
510	A-R3W4-XHE-FL-4	L	1.200E-003	3.000E+000	FL2
511	A-R3W4-XHE-FL-7	L	1.200E-003	3.000E+000	FLM
512	A-R3W4-XHE-G-4	L	1.000E+000	1.000E+000	
513	A-R3W4-XHE-S1-7	L	4.200E-002	3.000E+000	
514	A-R3W4-XHE-S2-7	L	1.000E+000	1.000E+000	
515	A-R3W4-XHE-SF-7	L	1.000E-003	5.000E+000	
516	A-R4D6-XHE-F-4	L	1.000E-002	3.000E+000	
517	A-R4D6-XHE-R-4	L	1.200E-003	3.000E+000	
518	A-R4R10-XHE-F-5	L	6.900E-005	5.000E+000	
519	A-R4R10-XHE-G-5	L	1.700E-004	5.000E+000	
520	A-R4R10-XHE-R-5	L	1.200E-004	5.000E+000	
521	A-R4R6-XHE-F-5	L	7.600E-004	5.000E+000	
522	A-R4R6-XHE-F-9	L	2.000E-003	3.000E+000	
523	A-R4R6-XHE-G-6	L	6.200E-004	5.000E+000	
524	A-R4R6-XHE-R-5	L	5.200E-004	5.000E+000	
525	A-R4R6-XHE-S-9	L	2.600E-003	3.000E+000	
526	A-R4W1-XHE-C-4	L	1.000E-003	5.000E+000	
527	A-R4W1-XHE-C-9	L	1.000E-003	5.000E+000	C
528	A-R4W1-XHE-FH-10	L	1.000E-002	3.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
529	A-R4W1-XHE-FH-5	L	5.000E-005	5.000E+000	
530	A-R4W1-XHE-FL-10	L	5.000E-005	5.000E+000	
531	A-R4W1-XHE-FL-5	L	5.000E-003	3.000E+000	
532	A-R4W1-XHE-G-6	L	1.000E+000	1.000E+000	
533	A-R4W1-XHE-P-4	L	1.000E-004	5.000E+000	
534	A-R4W1-XHE-R-4	L	1.200E-003	3.000E+000	R41
535	A-R4W1-XHE-S1-9	L	4.000E-002	3.000E+000	
536	A-R4W1-XHE-S2-9	L	1.000E+000	1.000E+000	
537	A-R4W1-XHE-SF-9	L	1.000E-003	5.000E+000	
538	A-R4W2-XHE-C-4	L	1.000E-003	5.000E+000	
539	A-R4W2-XHE-C-9	L	1.200E-003	3.000E+000	
540	A-R4W2-XHE-FH-10	L	1.200E-003	3.000E+000	
541	A-R4W2-XHE-FH-5	L	2.000E-005	5.000E+000	
542	A-R4W2-XHE-FL-10	L	2.000E-005	5.000E+000	
543	A-R4W2-XHE-FL-5	L	1.200E-003	3.000E+000	
544	A-R4W2-XHE-G-6	L	1.000E+000	1.000E+000	
545	A-R4W2-XHE-P-4	L	1.000E-004	5.000E+000	
546	A-R4W2-XHE-R-4	L	5.200E-004	5.000E+000	
547	A-R4W2-XHE-S1-9	L	2.600E-003	3.000E+000	
548	A-R4W2-XHE-S2-9	L	1.000E+000	1.000E+000	
549	A-R4W2-XHE-SF-9	L	1.000E-003	5.000E+000	
550	A-R4W2-XHE-X	L	1.000E-003	5.000E+000	X
551	A-R4W3-XHE-FH-4	L	2.000E-005	5.000E+000	
552	A-R4W3-XHE-FH-8	L	1.200E-003	3.000E+000	
553	A-R4W3-XHE-FL-4	L	1.200E-003	3.000E+000	
554	A-R4W3-XHE-FL-8	L	2.000E-005	5.000E+000	
555	A-R4W3-XHE-G-5	L	1.000E+000	1.000E+000	
556	A-R4W3-XHE-R-4	L	5.200E-004	5.000E+000	
557	A-R4W3-XHE-S1-8	L	2.600E-003	3.000E+000	
558	A-R4W3-XHE-S2-8	L	1.000E+000	1.000E+000	
559	A-R4W3-XHE-SF-8	L	1.000E-003	5.000E+000	
560	A-R4W4-XHE-FH-5	L	2.000E-005	5.000E+000	
561	A-R4W4-XHE-FH-8	L	1.200E-003	3.000E+000	
562	A-R4W4-XHE-FL-5	L	1.200E-003	5.000E+000	
563	A-R4W4-XHE-FL-8	L	2.000E-005	5.000E+000	
564	A-R4W4-XHE-G-5	L	1.000E+000	1.000E+000	
565	A-R4W4-XHE-R-5	L	1.200E-004	5.000E+000	
566	A-R4W4-XHE-S1-8	L	1.000E-003	5.000E+000	
567	A-R4W4-XHE-S2-8	L	1.000E+000	1.000E+000	
568	A-R4W4-XHE-SF-8	L	1.000E-003	5.000E+000	
569	A-R5D6-XHE-F-4	L	1.000E-002	3.000E+000	
570	A-R5D6-XHE-R-4	L	1.200E-003	3.000E+000	
571	A-R5R10-XHE-F-5	L	6.900E-005	5.000E+000	
572	A-R5R10-XHE-G-5	L	1.700E-004	5.000E+000	
573	A-R5R10-XHE-R-5	L	1.200E-004	5.000E+000	
574	A-R5R6-XHE-F-5	L	7.600E-004	5.000E+000	
575	A-R5R6-XHE-F-9	L	2.000E-003	3.000E+000	
576	A-R5R6-XHE-G-6	L	6.200E-004	5.000E+000	

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BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
577	A-R5R6-XHE-R-5	L	5.200E-004	5.000E+000	C
578	A-R5R6-XHE-S-9	L	2.600E-003	3.000E+000	
579	A-R5W1-XHE-C-4	L	1.000E-003	5.000E+000	
580	A-R5W1-XHE-C-9	L	1.000E-003	5.000E+000	
581	A-R5W1-XHE-FH-10	L	1.000E-002	3.000E+000	
582	A-R5W1-XHE-FH-5	L	5.000E-005	5.000E+000	R41
583	A-R5W1-XHE-FL-10	L	5.000E-005	5.000E+000	
584	A-R5W1-XHE-FL-5	L	5.000E-003	3.000E+000	
585	A-R5W1-XHE-G-6	L	1.000E+000	1.000E+000	
586	A-R5W1-XHE-P-4	L	1.000E-004	5.000E+000	
587	A-R5W1-XHE-R-4	L	1.200E-003	3.000E+000	
588	A-R5W1-XHE-S1-9	L	4.000E-002	3.000E+000	
589	A-R5W1-XHE-S2-9	L	1.000E+000	1.000E+000	
590	A-R5W1-XHE-SF-9	L	1.000E-003	5.000E+000	
591	A-R5W2-XHE-C-4	L	1.000E-003	5.000E+000	
592	A-R5W2-XHE-C-9	L	1.200E-003	3.000E+000	X
593	A-R5W2-XHE-FH-10	L	1.200E-003	3.000E+000	
594	A-R5W2-XHE-FH-5	L	2.000E-005	5.000E+000	
595	A-R5W2-XHE-FL-10	L	2.000E-005	5.000E+000	
596	A-R5W2-XHE-FL-5	L	1.200E-003	3.000E+000	
597	A-R5W2-XHE-G-6	L	1.000E+000	1.000E+000	
598	A-R5W2-XHE-P-4	L	1.000E-004	5.000E+000	
599	A-R5W2-XHE-R-4	L	5.200E-004	5.000E+000	
600	A-R5W2-XHE-S1-9	L	2.600E-003	3.000E+000	
601	A-R5W2-XHE-S2-9	L	1.000E+000	1.000E+000	
602	A-R5W2-XHE-SF-9	L	1.000E-003	5.000E+000	
603	A-R5W2-XHE-X	L	1.000E-003	5.000E+000	
604	A-R5W3-XHE-FH-4	L	1.200E-003	3.000E+000	
605	A-R5W3-XHE-FH-8	L	1.200E-003	3.000E+000	
606	A-R5W3-XHE-FL-4	L	1.200E-003	3.000E+000	
607	A-R5W3-XHE-FL-8	L	2.000E-005	5.000E+000	
608	A-R5W3-XHE-G-5	L	1.000E+000	1.000E+000	
609	A-R5W3-XHE-R-4	L	5.200E-004	5.000E+000	
610	A-R5W3-XHE-S1-8	L	2.600E-003	3.000E+000	
611	A-R5W3-XHE-S2-8	L	1.000E+000	1.000E+000	
612	A-R5W3-XHE-SF-8	L	1.000E-003	5.000E+000	
613	A-R5W4-XHE-FH-5	L	2.000E-005	5.000E+000	
614	A-R5W4-XHE-FH-8	L	1.200E-003	3.000E+000	
615	A-R5W4-XHE-FL-5	L	1.200E-003	3.000E+000	
616	A-R5W4-XHE-FL-8	L	2.000E-005	5.000E+000	
617	A-R5W4-XHE-G-5	L	1.000E+000	1.000E+000	
618	A-R5W4-XHE-R-5	L	1.200E-004	5.000E+000	
619	A-R5W4-XHE-S1-8	L	1.000E-003	5.000E+000	
620	A-R5W4-XHE-S2-8	L	1.000E+000	1.000E+000	
621	A-R5W4-XHE-SF-8	L	1.000E-003	5.000E+000	
622	A-RAD6-XHE-F-4	L	1.000E-002	3.000E+000	
623	A-RAD6-XHE-F-6	L	6.600E-002	3.000E+000	
624	A-RAD6-XHE-M-6	L	1.100E-004	5.000E+000	

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BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
625	A-RAD6-XHE-R-4	L	1.200E-003	3.000E+000	
626	A-RAR10-XHE-F-5	L	6.900E-005	5.000E+000	
627	A-RAR10-XHE-G-10	L	2.800E-004	5.000E+000	
628	A-RAR10-XHE-G-5	L	1.700E-004	5.000E+000	
629	A-RAR10-XHE-M-10	L	6.700E-006	5.000E+000	
630	A-RAR10-XHE-R-5	L	1.200E-004	5.000E+000	
631	A-RAR6-XHE-F-13	L	3.300E-003	3.000E+000	
632	A-RAR6-XHE-F-16	L	5.400E-003	3.000E+000	
633	A-RAR6-XHE-F-5	L	7.600E-004	5.000E+000	
634	A-RAR6-XHE-F-9	L	2.000E-003	3.000E+000	
635	A-RAR6-XHE-G-13	L	9.800E-004	5.000E+000	
636	A-RAR6-XHE-G-6	L	6.200E-004	5.000E+000	
637	A-RAR6-XHE-M-12	L	2.000E-005	5.000E+000	
638	A-RAR6-XHE-R-5	L	5.200E-004	5.000E+000	
639	A-RAR6-XHE-S-16	L	6.900E-003	3.000E+000	
640	A-RAR6-XHE-S-9	L	2.600E-003	3.000E+000	
641	A-RAW1-XHE-C-4	L	1.000E-003	5.000E+000	
642	A-RAW1-XHE-C-9	L	1.000E-003	5.000E+000	C
643	A-RAW1-XHE-FH-10	L	5.000E-005	5.000E+000	
644	A-RAW1-XHE-FH-5	L	5.000E-005	5.000E+000	
645	A-RAW1-XHE-FL-10	L	1.000E-002	3.000E+000	
646	A-RAW1-XHE-FL-5	L	5.000E-003	3.000E+000	
647	A-RAW1-XHE-G-6	L	1.000E+000	1.000E+000	
648	A-RAW1-XHE-M-12	L	1.100E-004	5.000E+000	M1
649	A-RAW1-XHE-P-4	L	1.000E-003	5.000E+000	
650	A-RAW1-XHE-R-4	L	1.200E-003	3.000E+000	
651	A-RAW1-XHE-S1-9	L	4.000E-002	3.000E+000	RS1
652	A-RAW1-XHE-S2-9	L	1.000E+000	1.000E+000	
653	A-RAW1-XHE-SF-9	L	1.000E-003	5.000E+000	
654	A-RAW2-XHE-C-4	L	1.000E-003	5.000E+000	
655	A-RAW2-XHE-C-9	L	1.200E-003	3.000E+000	
656	A-RAW2-XHE-FH-10	L	2.000E-005	5.000E+000	
657	A-RAW2-XHE-FH-5	L	2.000E-005	5.000E+000	
658	A-RAW2-XHE-FL-10	L	1.200E-003	3.000E+000	
659	A-RAW2-XHE-FL-5	L	1.200E-003	3.000E+000	
660	A-RAW2-XHE-G-6	L	1.000E+000	1.000E+000	
661	A-RAW2-XHE-M-12	L	2.000E-005	5.000E+000	
662	A-RAW2-XHE-P-4	L	1.000E-003	5.000E+000	
663	A-RAW2-XHE-R-4	L	5.200E-004	5.000E+000	R42
664	A-RAW2-XHE-S1-9	L	2.600E-003	3.000E+000	
665	A-RAW2-XHE-S2-9	L	1.000E+000	1.000E+000	
666	A-RAW2-XHE-SF-9	L	1.000E-003	5.000E+000	
667	A-RAW2-XHE-X	L	1.000E-003	5.000E+000	X
668	A-RAW3-XHE-FH-4	L	2.000E-005	5.000E+000	
669	A-RAW3-XHE-FH-8	L	2.000E-005	5.000E+000	
670	A-RAW3-XHE-FL-4	L	1.200E-003	3.000E+000	
671	A-RAW3-XHE-FL-8	L	1.200E-003	3.000E+000	
672	A-RAW3-XHE-G-5	L	1.000E+000	1.000E+000	

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BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
673	A-RAW3-XHE-M-10	L	2.000E-005	5.000E+000	
674	A-RAW3-XHE-R-4	L	5.200E-004	5.000E+000	
675	A-RAW3-XHE-S1-8	L	2.600E-003	3.000E+000	
676	A-RAW3-XHE-S2-8	L	1.000E+000	1.000E+000	
677	A-RAW3-XHE-SF-8	L	1.000E-003	5.000E+000	
678	A-RAW4-XHE-FH-5	L	2.000E-005	5.000E+000	
679	A-RAW4-XHE-FH-8	L	2.000E-005	5.000E+000	
680	A-RAW4-XHE-FL-5	L	1.200E-003	3.000E+000	
681	A-RAW4-XHE-FL-8	L	1.200E-003	3.000E+000	
682	A-RAW4-XHE-G-5	L	1.000E+000	1.000E+000	
683	A-RAW4-XHE-M-11	L	6.700E-006	5.000E+000	
684	A-RAW4-XHE-R-5	L	1.200E-004	5.000E+000	
685	A-RAW4-XHE-S1-8	L	1.000E-003	5.000E+000	
686	A-RAW4-XHE-S2-8	L	1.000E+000	1.000E+000	
687	A-RAW4-XHE-SF-8	L	1.000E-003	5.000E+000	
688	A-RBD6-XHE-F-4	L	1.000E-002	3.000E+000	
689	A-RBD6-XHE-F-6	L	6.600E-002	3.000E+000	
690	A-RBD6-XHE-M-6	L	1.100E-004	5.000E+000	
691	A-RBD6-XHE-R-4	L	1.200E-003	3.000E+000	
692	A-RBR10-XHE-F-5	L	6.900E-005	5.000E+000	
693	A-RBR10-XHE-G-10	L	2.800E-004	5.000E+000	
694	A-RBR10-XHE-G-5	L	1.700E-004	5.000E+000	
695	A-RBR10-XHE-M-10	L	6.700E-006	5.000E+000	
696	A-RBR10-XHE-R-5	L	1.200E-004	5.000E+000	
697	A-RBR6-XHE-F-13	L	3.300E-003	3.000E+000	
698	A-RBR6-XHE-F-16	L	5.400E-003	3.000E+000	
699	A-RBR6-XHE-F-5	L	7.600E-004	5.000E+000	
700	A-RBR6-XHE-F-9	L	2.000E-003	3.000E+000	
701	A-RBR6-XHE-G-13	L	9.800E-004	5.000E+000	
702	A-RBR6-XHE-G-6	L	6.200E-004	5.000E+000	
703	A-RBR6-XHE-M-12	L	2.000E-005	5.000E+000	
704	A-RBR6-XHE-R-5	L	5.200E-004	5.000E+000	
705	A-RBR6-XHE-S-16	L	6.900E-003	3.000E+000	
706	A-RBR6-XHE-S-9	L	2.600E-003	3.000E+000	
707	A-RBW1-XHE-C-4	L	1.000E-003	5.000E+000	
708	A-RBW1-XHE-C-9	L	1.000E-003	5.000E+000	C
709	A-RBW1-XHE-FH-10	L	5.000E-005	5.000E+000	
710	A-RBW1-XHE-FH-5	L	5.000E-005	5.000E+000	
711	A-RBW1-XHE-FL-10	L	1.000E-002	3.000E+000	
712	A-RBW1-XHE-FL-5	L	5.000E-003	3.000E+000	
713	A-RBW1-XHE-G-6	L	1.000E+000	1.000E+000	
714	A-RBW1-XHE-M-12	L	1.100E-004	5.000E+000	
715	A-RBW1-XHE-P-4	L	1.000E-004	5.000E+000	
716	A-RBW1-XHE-R-4	L	1.200E-003	3.000E+000	R41
717	A-RBW1-XHE-S1-9	L	4.000E-002	3.000E+000	
718	A-RBW1-XHE-S2-8	L	1.000E+000	1.000E+000	
719	A-RBW1-XHE-SF-9	L	1.000E-003	5.000E+000	
720	A-RBW2-XHE-C-4	L	1.000E-003	5.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
721	A-RBW2-XHE-C-9	L	1.000E-003	5.000E+000	
722	A-RBW2-XHE-FH-10	L	2.000E-005	5.000E+000	
723	A-RBW2-XHE-FH-5	L	2.000E-005	5.000E+000	
724	A-RBW2-XHE-FL-10	L	1.200E-003	3.000E+000	
725	A-RBW2-XHE-FL-5	L	1.200E-003	3.000E+000	
726	A-RBW2-XHE-G-6	L	1.000E+000	1.000E+000	
727	A-RBW2-XHE-M-12	L	2.000E-005	5.000E+000	
728	A-RBW2-XHE-P-4	L	1.000E-004	5.000E+000	
729	A-RBW2-XHE-R-4	L	5.200E-004	5.000E+000	
730	A-RBW2-XHE-S1-9	L	2.600E-003	3.000E+000	
731	A-RBW2-XHE-S2-9	L	1.000E+000	1.000E+000	
732	A-RBW2-XHE-SF-9	L	1.000E-003	5.000E+000	
733	A-RBW2-XHE-X	L	1.000E-003	5.000E+000	
734	A-RBW3-XHE-FH-4	L	2.000E-005	5.000E+000	
735	A-RBW3-XHE-FH-8	L	2.000E-005	5.000E+000	
736	A-RBW3-XHE-FL-4	L	1.200E-003	3.000E+000	
737	A-RBW3-XHE-FL-8	L	1.200E-003	3.000E+000	
738	A-RBW3-XHE-G-5	L	1.000E+000	1.000E+000	
739	A-RBW3-XHE-M-10	L	2.000E-005	5.000E+000	
740	A-RBW3-XHE-R-4	L	5.200E-004	5.000E+000	
741	A-RBW3-XHE-S1-8	L	2.600E-003	3.000E+000	
742	A-RBW3-XHE-S2-8	L	1.000E+000	1.000E+000	
743	A-RBW3-XHE-SF-8	L	1.000E-003	5.000E+000	
744	A-RBW4-XHE-FH-5	L	2.000E-005	5.000E+000	
745	A-RBW4-XHE-FH-8	L	2.000E-005	5.000E+000	
746	A-RBW4-XHE-FL-5	L	1.200E-003	3.000E+000	
747	A-RBW4-XHE-FL-8	L	1.200E-003	3.000E+000	
748	A-RBW4-XHE-G-5	L	1.000E+000	1.000E+000	
749	A-RBW4-XHE-M-11	L	6.700E-006	5.000E+000	
750	A-RBW4-XHE-R-5	L	1.200E-004	5.000E+000	
751	A-RBW4-XHE-S1-8	L	1.000E-003	5.000E+000	
752	A-RBW4-XHE-S2-8	L	1.000E+000	1.000E+000	
753	A-RBW4-XHE-SF-8	L	1.000E-003	5.000E+000	
754	A-SIW1-XHE-C-13	L	1.000E-003	5.000E+000	
755	A-SIW1-XHE-C-18	L	1.000E-003	5.000E+000	C
756	A-SIW1-XHE-C-4	L	1.000E-003	5.000E+000	
757	A-SIW1-XHE-C-9	L	1.000E-003	5.000E+000	C
758	A-SIW1-XHE-FH-10	L	5.000E-005	5.000E+000	
759	A-SIW1-XHE-FH-14	L	5.000E-005	5.000E+000	
760	A-SIW1-XHE-FH-19	L	5.000E-005	5.000E+000	
761	A-SIW1-XHE-FH-5	L	5.000E-005	5.000E+000	
762	A-SIW1-XHE-FL-10	L	6.600E-002	3.000E+000	FL8
763	A-SIW1-XHE-FL-14	L	6.100E-002	3.000E+000	
764	A-SIW1-XHE-FL-19	L	6.100E-002	3.000E+000	FL3
765	A-SIW1-XHE-FL-5	L	1.000E-002	3.000E+000	
766	A-SIW1-XHE-G-15	L	1.000E+000	1.000E+000	
767	A-SIW1-XHE-G-6	L	1.000E+000	1.000E+000	
768	A-SIW1-XHE-P-13	L	1.000E-004	5.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
769	A-SIW1-XHE-P-18	L	1.000E-004	5.000E+000	
770	A-SIW1-XHE-P-4	L	1.000E-004	5.000E+000	
771	A-SIW1-XHE-P-9	L	1.000E-004	5.000E+000	
772	A-SIW1-XHE-R-12	L	8.500E-003	3.000E+000	
773	A-SIW1-XHE-R-3	L	1.200E-003	3.000E+000	R41
774	A-SIW1-XHE-S1-17	L	1.000E-003	5.000E+000	
775	A-SIW1-XHE-S1-8	L	1.000E-003	5.000E+000	
776	A-SIW1-XHE-S2-17	L	8.000E-002	3.000E+000	DS1
777	A-SIW1-XHE-S2-8	L	4.000E-002	3.000E+000	RS1
778	A-SIW1-XHE-S3-17	L	1.000E+000	1.000E+000	
779	A-SIW1-XHE-S3-8	L	1.000E+000	1.000E+000	
780	A-SIW2-XHE-C-13	L	1.000E-003	5.000E+000	
781	A-SIW2-XHE-C-18	L	1.000E-003	5.000E+000	
782	A-SIW2-XHE-C-4	L	1.000E-003	5.000E+000	
783	A-SIW2-XHE-C-9	L	1.000E-003	5.000E+000	
784	A-SIW2-XHE-FH-10	L	2.000E-005	5.000E+000	
785	A-SIW2-XHE-FH-14	L	2.000E-005	5.000E+000	
786	A-SIW2-XHE-FH-19	L	2.000E-005	5.000E+000	
787	A-SIW2-XHE-FH-5	L	2.000E-005	5.000E+000	
788	A-SIW2-XHE-FL-10	L	2.000E-003	3.000E+000	
789	A-SIW2-XHE-FL-14	L	8.000E-003	3.000E+000	
790	A-SIW2-XHE-FL-19	L	1.300E-002	3.000E+000	FL6
791	A-SIW2-XHE-FL-5	L	7.600E-004	5.000E+000	
792	A-SIW2-XHE-G-15	L	1.000E+000	1.000E+000	
793	A-SIW2-XHE-G-6	L	1.000E+000	1.000E+000	
794	A-SIW2-XHE-P-13	L	1.000E-004	5.000E+000	
795	A-SIW2-XHE-P-18	L	1.000E-004	5.000E+000	
796	A-SIW2-XHE-P-4	L	1.000E-004	5.000E+000	
797	A-SIW2-XHE-P-9	L	1.000E-004	5.000E+000	
798	A-SIW2-XHE-R-12	L	3.000E-003	3.000E+000	4R2
799	A-SIW2-XHE-R-3	L	5.200E-004	5.000E+000	
800	A-SIW2-XHE-S1-17	L	1.000E-003	5.000E+000	
801	A-SIW2-XHE-S1-8	L	1.000E-003	5.000E+000	
802	A-SIW2-XHE-S2-17	L	5.300E-003	3.000E+000	
803	A-SIW2-XHE-S2-8	L	2.600E-003	3.000E+000	
804	A-SIW2-XHE-S3-17	L	1.000E+000	1.000E+000	
805	A-SIW2-XHE-S3-8	L	1.000E+000	1.000E+000	
806	A-SIW2-XHE-X	L	1.000E-003	5.000E+000	X
807	A-SIW3-XHE-FH-10	L	2.000E-005	5.000E+000	
808	A-SIW3-XHE-FH-13	L	2.000E-005	5.000E+000	
809	A-SIW3-XHE-FH-4	L	2.000E-005	5.000E+000	
810	A-SIW3-XHE-FH-7	L	2.000E-005	5.000E+000	
811	A-SIW3-XHE-FL-10	L	8.000E-003	3.000E+000	FL4
812	A-SIW3-XHE-FL-13	L	2.000E-003	3.000E+000	
813	A-SIW3-XHE-FL-4	L	7.600E-004	5.000E+000	
814	A-SIW3-XHE-FL-7	L	1.300E-002	3.000E+000	FL6
815	A-SIW3-XHE-G-11	L	1.000E+000	1.000E+000	
816	A-SIW3-XHE-G-5	L	1.000E+000	1.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
817	A-SIW3-XHE-R-3	L	5.200E-004	5.000E+000	
818	A-SIW3-XHE-R-9	L	3.000E-003	3.000E+000	
819	A-SIW3-XHE-S1-4	L	1.000E-003	5.000E+000	
820	A-SIW3-XHE-S1-8	L	1.000E-003	5.000E+000	
821	A-SIW3-XHE-S2-4	L	2.600E-003	3.000E+000	
822	A-SIW3-XHE-S2-8	L	5.300E-003	3.000E+000	
823	A-SIW3-XHE-S3-4	L	1.000E+000	1.000E+000	
824	A-SIW3-XHE-S3-8	L	1.000E+000	1.000E+000	
825	A-SIW4-XHE-FH-10	L	2.000E-005	5.000E+000	
826	A-SIW4-XHE-FH-13	L	2.000E-005	5.000E+000	
827	A-SIW4-XHE-FH-4	L	2.000E-005	5.000E+000	
828	A-SIW4-XHE-FH-7	L	2.000E-005	5.000E+000	
829	A-SIW4-XHE-FL-10	L	1.100E-003	3.000E+000	
830	A-SIW4-XHE-FL-13	L	6.900E-005	5.000E+000	
831	A-SIW4-XHE-FL-4	L	6.900E-005	5.000E+000	
832	A-SIW4-XHE-FL-7	L	1.100E-003	5.000E+000	
833	A-SIW4-XHE-G-11	L	1.000E+000	1.000E+000	
834	A-SIW4-XHE-G-5	L	1.000E+000	1.000E+000	
835	A-SIW4-XHE-R-3	L	1.200E-004	5.000E+000	
836	A-SIW4-XHE-R-9	L	9.600E-004	5.000E+000	
837	A-SIW4-XHE-S1-4	L	1.000E-003	5.000E+000	
838	A-SIW4-XHE-S1-8	L	1.000E-003	5.000E+000	
839	A-SIW4-XHE-S2-4	L	1.000E-003	5.000E+000	
840	A-SIW4-XHE-S2-8	L	2.000E-003	3.000E+000	
841	A-SIW4-XHE-S3-4	L	1.000E+000	1.000E+000	
842	A-SIW4-XHE-S3-8	L	1.000E+000	1.000E+000	
843	A-SRW1-XHE-2CH-4	L	3.300E-001	2.000E+000	
844	A-SRW1-XHE-2CH-7	L	3.300E-001	2.000E+000	
845	A-SRW1-XHE-CW-4	L	+0.000E+000	2.000E+000	
846	A-SRW1-XHE-CW-7	L	+0.000E+000	2.000E+000	
847	A-SRW1-XHE-G-5	L	1.000E+000	1.000E+000	
848	A-SRW1-XHE-RC-3	L	2.900E-004	5.000E+000	
849	A-SRW1-XHE-S1-7	L	8.000E-002	3.000E+000	
850	A-SRW1-XHE-S2-7	L	1.000E+000	1.000E+000	
851	A-SRW1-XHE-SF-7	L	1.000E-003	5.000E+000	
852	A-SRW2-XHE-2CH-4	L	3.700E-002	3.000E+000	
853	A-SRW2-XHE-2CH-7	L	3.700E-002	3.000E+000	
854	A-SRW2-XHE-CW-4	L	+0.000E+000	3.000E+000	
855	A-SRW2-XHE-CW-7	L	+0.000E+000	3.000E+000	
856	A-SRW2-XHE-G-5	L	1.000E+000	1.000E+000	
857	A-SRW2-XHE-RC-3	L	1.200E-004	5.000E+000	
858	A-SRW2-XHE-S1-7	L	5.300E-003	3.000E+000	
859	A-SRW2-XHE-S2-7	L	1.000E+000	1.000E+000	
860	A-SRW2-XHE-SF-7	L	1.000E-003	5.000E+000	
861	A-SRW3-XHE-2CH-4	L	3.700E-002	3.000E+000	
862	A-SRW3-XHE-2CH-7	L	3.700E-002	3.000E+000	
863	A-SRW3-XHE-CW-4	L	+0.000E+000	3.000E+000	
864	A-SRW3-XHE-CW-7	L	+0.000E+000	3.000E+000	

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BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
865	A-SRW3-XHE-G-5	L	1.000E+000	1.000E+000	
866	A-SRW3-XHE-RC-4	L	1.200E-004	5.000E+000	
867	A-SRW3-XHE-S1-5	L	5.300E-003	3.000E+000	
868	A-SRW3-XHE-S2-5	L	1.000E+000	1.000E+000	
869	A-SRW3-XHE-SF-5	L	1.000E-003	5.000E+000	
870	A-SRW4-XHE-2CH-5	L	1.400E-003	3.000E+000	
871	A-SRW4-XHE-2CH-7	L	1.400E-003	3.000E+000	
872	A-SRW4-XHE-CW-5	L	+0.000E+000	3.000E+000	
873	A-SRW4-XHE-CW-7	L	+0.000E+000	3.000E+000	
874	A-SRW4-XHE-G-5	L	1.000E+000	1.000E+000	
875	A-SRW4-XHE-RC-5	L	6.700E-005	5.000E+000	
876	A-SRW4-XHE-S1-5	L	2.000E-003	3.000E+000	
877	A-SRW4-XHE-S2-5	L	1.000E+000	1.000E+000	
878	A-SRW4-XHE-SF-5	L	1.000E-003	5.000E+000	
879	A-VBW1-XHE-C-13	L	1.000E-003	5.000E+000	
880	A-VBW1-XHE-C-18	L	1.000E-003	5.000E+000	C
881	A-VBW1-XHE-C-4	L	1.000E-003	5.000E+000	
882	A-VBW1-XHE-C-9	L	1.000E-003	5.000E+000	
883	A-VBW1-XHE-FH-10	L	5.000E-005	5.000E+000	
884	A-VBW1-XHE-FH-14	L	5.000E-005	5.000E+000	
885	A-VBW1-XHE-FH-19	L	5.000E-005	5.000E+000	
886	A-VBW1-XHE-FH-5	L	5.000E-005	5.000E+000	
887	A-VBW1-XHE-FL-10	L	6.600E-002	3.000E+000	
888	A-VBW1-XHE-FL-14	L	2.500E-001	2.000E+000	
889	A-VBW1-XHE-FL-19	L	2.500E-001	2.000E+000	FLV
890	A-VBW1-XHE-FL-5	L	1.000E-002	3.000E+000	
891	A-VBW1-XHE-G-15	L	1.000E+000	1.000E+000	
892	A-VBW1-XHE-G-6	L	1.000E+000	1.000E+000	
893	A-VBW1-XHE-P-13	L	1.000E-004	5.000E+000	
894	A-VBW1-XHE-P-18	L	1.000E-004	5.000E+000	
895	A-VBW1-XHE-P-4	L	1.000E-004	5.000E+000	
896	A-VBW1-XHE-P-9	L	1.000E-004	5.000E+000	
897	A-VBW1-XHE-R-12	L	3.300E-002	3.000E+000	
898	A-VBW1-XHE-R-3	L	1.200E-003	3.000E+000	R41
899	A-VBW1-XHE-S1-17	L	1.000E-003	5.000E+000	
900	A-VBW1-XHE-S1-8	L	1.000E-003	5.000E+000	
901	A-VBW1-XHE-S2-17	L	4.000E-001	2.000E+000	
902	A-VBW1-XHE-S2-8	L	4.000E-002	3.000E+000	
903	A-VBW1-XHE-S3-17	L	1.000E+000	1.000E+000	
904	A-VBW1-XHE-S3-8	L	1.000E+000	1.000E+000	
905	A-VBW2-XHE-C-13	L	1.000E-003	5.000E+000	
906	A-VBW2-XHE-C-18	L	1.000E-003	5.000E+000	
907	A-VBW2-XHE-C-4	L	1.000E-003	5.000E+000	
908	A-VBW2-XHE-C-9	L	1.000E-003	5.000E+000	
909	A-VBW2-XHE-FH-10	L	2.000E-005	5.000E+000	
910	A-VBW2-XHE-FH-14	L	2.000E-005	5.000E+000	
911	A-VBW2-XHE-FH-19	L	2.000E-005	5.000E+000	
912	A-VBW2-XHE-FH-5	L	2.000E-005	5.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
913	A-VBW2-XHE-FL-10	L	2.000E-003	3.000E+000	FL+
914	A-VBW2-XHE-FL-14	L	3.500E-002	3.000E+000	
915	A-VBW2-XHE-FL-19	L	5.400E-002	3.000E+000	
916	A-VBW2-XHE-FL-5	L	7.600E-004	5.000E+000	
917	A-VBW2-XHE-G-15	L	1.000E+000	1.000E+000	
918	A-VBW2-XHE-G-6	L	1.000E+000	1.000E+000	VR2
919	A-VBW2-XHE-P-13	L	1.000E-004	5.000E+000	
920	A-VBW2-XHE-P-18	L	1.000E-004	5.000E+000	
921	A-VBW2-XHE-P-4	L	1.000E-004	5.000E+000	
922	A-VBW2-XHE-P-9	L	1.000E-004	5.000E+000	
923	A-VBW2-XHE-R-12	L	1.300E-002	3.000E+000	FLP
924	A-VBW2-XHE-R-3	L	5.200E-004	5.000E+000	
925	A-VBW2-XHE-S1-17	L	1.000E-003	5.000E+000	
926	A-VBW2-XHE-S1-8	L	1.000E-003	5.000E+000	
927	A-VBW2-XHE-S2-17	L	2.600E-002	3.000E+000	
928	A-VBW2-XHE-S2-8	L	2.600E-003	3.000E+000	
929	A-VBW2-XHE-S3-17	L	1.000E+000	1.000E+000	
930	A-VBW2-XHE-S3-8	L	1.000E+000	1.000E+000	
931	A-VBW2-XHE-X	L	1.000E-003	5.000E+000	
932	A-VBW3-XHE-FH-10	L	2.000E-005	5.000E+000	
933	A-VBW3-XHE-FH-13	L	2.000E-005	5.000E+000	
934	A-VBW3-XHE-FH-4	L	2.000E-005	5.000E+000	
935	A-VBW3-XHE-FH-7	L	2.000E-005	5.000E+000	
936	A-VBW3-XHE-FL-10	L	3.500E-002	3.000E+000	
937	A-VBW3-XHE-FL-13	L	2.000E-003	3.000E+000	
938	A-VBW3-XHE-FL-4	L	7.600E-004	5.000E+000	
939	A-VBW3-XHE-FL-7	L	5.400E-002	3.000E+000	
940	A-VBW3-XHE-G-11	L	1.000E+000	1.000E+000	
941	A-VBW3-XHE-G-5	L	1.000E+000	1.000E+000	
942	A-VBW3-XHE-R-3	L	5.200E-004	5.000E+000	
943	A-VBW3-XHE-R-9	L	1.300E-002	3.000E+000	
944	A-VBW3-XHE-S1-4	L	1.000E-003	5.000E+000	
945	A-VBW3-XHE-S1-8	L	1.000E-003	5.000E+000	
946	A-VBW3-XHE-S2-4	L	2.600E-003	3.000E+000	
947	A-VBW3-XHE-S2-8	L	2.600E-002	3.000E+000	
948	A-VBW3-XHE-S3-4	L	1.000E+000	1.000E+000	
949	A-VBW3-XHE-S3-8	L	1.000E+000	1.000E+000	
950	A-VBW4-XHE-FH-10	L	2.000E-005	5.000E+000	
951	A-VBW4-XHE-FH-13	L	2.000E-005	5.000E+000	
952	A-VBW4-XHE-FH-4	L	2.000E-005	5.000E+000	
953	A-VBW4-XHE-FH-7	L	2.000E-005	5.000E+000	
954	A-VBW4-XHE-FL-10	L	5.000E-003	3.000E+000	
955	A-VBW4-XHE-FL-13	L	6.900E-005	5.000E+000	
956	A-VBW4-XHE-FL-4	L	6.900E-005	5.000E+000	
957	A-VBW4-XHE-FL-7	L	5.000E-003	3.000E+000	
958	A-VBW4-XHE-G-11	L	1.000E+000	1.000E+000	
959	A-VBW4-XHE-G-5	L	1.000E+000	1.000E+000	
960	A-VBW4-XHE-R-3	L	1.200E-004	5.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
961	A-VBW4-XHE-R-9	L	5.000E-003	3.000E+000	
962	A-VBW4-XHE-S1-4	L	1.000E-003	5.000E+000	
963	A-VBW4-XHE-S1-8	L	1.000E-003	5.000E+000	
964	A-VBW4-XHE-S2-4	L	1.000E-003	5.000E+000	
965	A-VBW4-XHE-S2-8	L	9.800E-003	3.000E+000	
966	A-VBW4-XHE-S3-4	L	1.000E+000	1.000E+000	
967	A-VBW4-XHE-S3-8	L	1.000E+000	1.000E+000	
968	ACC-CKV-FT-CV107	L	1.000E-004	3.000E+000	31
969	ACC-CKV-FT-CV109	L	1.000E-004	3.000E+000	31
970	ACC-CKV-FT-CV128	L	1.000E-004	3.000E+000	31
971	ACC-CKV-FT-CV130	L	1.000E-004	3.000E+000	31
972	ACC-CKV-FT-CV145	L	1.000E-004	3.000E+000	31
973	ACC-CKV-FT-CV147	L	1.000E-004	3.000E+000	31
974	ACC-MOV-PG-1865A	L	6.500E-004	3.000E+000	72
975	ACC-MOV-PG-1865B	L	6.500E-004	3.000E+000	72
976	ACC-MOV-PG-1865C	L	6.500E-004	3.000E+000	72
977	ACP-BAC-MA-1H1	L	7.270E-006	3.000E+000	IPE1
978	ACP-BAC-MA-1H1-1	L	7.270E-006	3.000E+000	IPE1
979	ACP-BAC-MA-1H1-2	L	7.270E-006	3.000E+000	IPE1
980	ACP-BAC-MA-1J1	L	7.270E-006	3.000E+000	IPE1
981	ACP-BAC-MA-1J1-1	L	7.270E-006	3.000E+000	IPE1
982	ACP-BAC-MA-1J1-2	L	7.270E-006	3.000E+000	IPE1
983	ACP-BAC-MA-4801H	L	7.270E-006	3.000E+000	IPE1
984	ACP-BAC-MA-4801J	L	7.270E-006	3.000E+000	IPE1
985	ACP-BAC-MA-4KV1H	L	+0.000E+000	3.000E+000	IPE1
986	ACP-BAC-MA-4KV1J	L	+0.000E+000	3.000E+000	IPE1
987	ACP-BAC-MA-STB1H	L	+0.000E+000	3.000E+000	IPE1
988	ACP-BAC-MA-STB1J	L	+0.000E+000	3.000E+000	IPE1
989	ACP-BAC-MA-VB1II	L	+0.000E+000	1.000E+000	
990	ACP-BAC-MAOVB1II	L	+0.000E+000	1.000E+000	
991	ACP-BAC-ST-1H1	L	9.000E-005	5.000E+000	11
992	ACP-BAC-ST-1H1-1	L	9.000E-005	5.000E+000	11
993	ACP-BAC-ST-1H1-2	L	9.000E-005	5.000E+000	11
994	ACP-BAC-ST-1J1	L	9.000E-005	5.000E+000	11
995	ACP-BAC-ST-1J1-1	L	9.000E-005	5.000E+000	11
996	ACP-BAC-ST-1J1-2	L	9.000E-005	5.000E+000	11
997	ACP-BAC-ST-2H1	L	9.000E-005	5.000E+000	11
998	ACP-BAC-ST-2H1-1	L	9.000E-005	5.000E+000	11
999	ACP-BAC-ST-4801H	L	9.000E-005	5.000E+000	11
1000	ACP-BAC-ST-4801J	L	9.000E-005	5.000E+000	11
1001	ACP-BAC-ST-4KV1H	L	9.000E-005	5.000E+000	11
1002	ACP-BAC-ST-4KV1J	L	9.000E-005	5.000E+000	11
1003	ACP-BAC-ST-4KV2H	L	9.000E-005	5.000E+000	11
1004	ACP-BAC-ST-STB1H	L	9.000E-005	5.000E+000	11
1005	ACP-BAC-ST-STB1J	L	9.000E-005	5.000E+000	11
1006	ACP-BAC-ST-STB2H	L	9.000E-005	5.000E+000	11
1007	ACP-BAC-ST-V1III	L	9.000E-005	5.000E+000	11
1008	ACP-BAC-ST-VB1I	L	9.000E-005	5.000E+000	11

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1009	ACP-BAC-ST-VB1II	L	9.000E-005	5.000E+000	11
1010	ACP-BAC-ST-VB1IV	L	9.000E-005	5.000E+000	11
1011	ACP-BCH-MA-UPSA1	L	+0.000E+000	1.000E+000	
1012	ACP-BCH-MA-UPSA2	L	+0.000E+000	1.000E+000	
1013	ACP-BCH-MA-UPSB1	L	4.003E-001	3.000E+000	
1014	ACP-BCH-MA-UPSB2	L	4.003E-001	3.000E+000	
1015	ACP-BCH-MA0UPSB1	L	+0.000E+000	3.000E+000	
1016	ACP-BCH-MA0UPSB2	L	+0.000E+000	3.000E+000	
1017	ACP-CRB-CO-14H1	L	2.900E-005	3.000E+000	34
1018	ACP-CRB-CO-14H13	L	2.900E-005	3.000E+000	34
1019	ACP-CRB-CO-14H14	L	2.900E-005	3.000E+000	34
1020	ACP-CRB-CO-14H15	L	2.900E-005	3.000E+000	34
1021	ACP-CRB-CO-14J1	L	2.900E-005	3.000E+000	34
1022	ACP-CRB-CO-14J11	L	2.900E-005	3.000E+000	34
1023	ACP-CRB-CO-14J14	L	2.900E-005	3.000E+000	34
1024	ACP-CRB-CO-14J16	L	2.900E-005	3.000E+000	34
1025	ACP-CRB-CO-15H7	L	2.900E-005	3.000E+000	34
1026	ACP-CRB-CO-15H8	L	2.900E-005	3.000E+000	34
1027	ACP-CRB-CO-15H9	L	2.900E-005	3.000E+000	34
1028	ACP-CRB-CO-15J7	L	2.900E-005	3.000E+000	34
1029	ACP-CRB-CO-15J8	L	2.900E-005	3.000E+000	34
1030	ACP-CRB-CO-15J9	L	2.900E-005	3.000E+000	34
1031	ACP-CRB-CO-1I35	L	2.900E-005	3.000E+000	34
1032	ACP-CRB-CO-1II	L	2.900E-005	3.000E+000	34
1033	ACP-CRB-CO-1IV	L	2.900E-005	3.000E+000	34
1034	ACP-CRB-CO-24H14	L	2.900E-005	3.000E+000	34
1035	ACP-CRB-CO-24H15	L	2.900E-005	3.000E+000	34
1036	ACP-CRB-CO-25H7	L	2.900E-005	3.000E+000	34
1037	ACP-CRB-CO-25H9	L	2.900E-005	3.000E+000	34
1038	ACP-CRB-CO-FE9AE	L	2.900E-005	3.000E+000	34
1039	ACP-CRB-CO-FE9AF	L	2.900E-005	3.000E+000	34
1040	ACP-CRB-CO-FE9AJ	L	2.900E-005	3.000E+000	34
1041	ACP-CRB-CO-FE9AK	L	2.900E-005	3.000E+000	34
1042	ACP-CRB-CO-FE9BE	L	2.900E-005	3.000E+000	34
1043	ACP-CRB-CO-FE9BF	L	2.900E-005	3.000E+000	34
1044	ACP-CRB-CO-FE9BJ	L	2.900E-005	3.000E+000	34
1045	ACP-CRB-CO-FE9BK	L	2.900E-005	3.000E+000	34
1046	ACP-CRB-CO-III35	L	2.900E-005	3.000E+000	34
1047	ACP-INV-MA-UPSA1	L	2.000E-004	3.000E+000	801
1048	ACP-INV-MA-UPSA2	L	2.000E-004	3.000E+000	801
1049	ACP-INV-MA-UPSB1	L	2.000E-004	3.000E+000	801
1050	ACP-INV-MA-UPSB2	L	2.000E-004	3.000E+000	801
1051	ACP-INV-NO-UPSA1	L	4.000E-002	3.000E+000	44
1052	ACP-INV-NO-UPSA2	L	4.000E-002	3.000E+000	44
1053	ACP-INV-NO-UPSB1	L	4.000E-002	3.000E+000	44
1054	ACP-INV-NO-UPSB2	L	4.000E-002	3.000E+000	44
1055	ACP-REC-NO-UPSA1	L	4.000E-004	3.000E+000	77
1056	ACP-REC-NO-UPSA2	L	4.000E-004	3.000E+000	77

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1057	ACP-REC-NO-UPSB1	L	4.000E-004	3.000E+000	77
1058	ACP-REC-NO-UPSB2	L	4.000E-004	3.000E+000	77
1059	ACP-TFM-NO-1A1-1	L	4.080E-005	3.000E+000	91
1060	ACP-TFM-NO-1A1-2	L	4.080E-005	3.000E+000	91
1061	ACP-TFM-NO-1A2-1	L	4.080E-005	3.000E+000	91
1062	ACP-TFM-NO-1A2-2	L	4.080E-005	3.000E+000	91
1063	ACP-TFM-NO-1B1-1	L	4.080E-005	3.000E+000	91
1064	ACP-TFM-NO-1B1-2	L	4.080E-005	3.000E+000	91
1065	ACP-TFM-NO-1B2-1	L	4.080E-005	3.000E+000	91
1066	ACP-TFM-NO-1B2-2	L	4.080E-005	3.000E+000	91
1067	ACP-TFM-NO-1H	L	4.080E-005	3.000E+000	91
1068	ACP-TFM-NO-1H1	L	4.080E-005	3.000E+000	91
1069	ACP-TFM-NO-1J	L	4.080E-005	3.000E+000	91
1070	ACP-TFM-NO-1J1	L	4.080E-005	3.000E+000	91
1071	ACP-TFM-NO-2H1	L	4.080E-005	3.000E+000	91
1072	ACP-XHE-FO-STBBS	L	5.000E-005	1.000E+001	122
1073	AFW-ACT-FA-PMP3A	L	6.000E-004	5.000E+000	2
1074	AFW-ACT-FA-PMP3B	L	6.000E-004	5.000E+000	2
1075	AFW-ACT-FA-VLVA	L	6.000E-004	5.000E+000	2
1076	AFW-ACT-FA-VLVB	L	6.000E-004	5.000E+000	2
1077	AFW-AOV-FT-102A	L	1.000E-003	3.000E+000	5
1078	AFW-AOV-FT-102B	L	1.000E-003	3.000E+000	5
1079	AFW-AOV-FT-202A	L	1.000E-003	3.000E+000	5
1080	AFW-AOV-FT-202B	L	1.000E-003	3.000E+000	5
1081	AFW-AOV-PG-102A	L	4.000E-005	3.000E+000	9
1082	AFW-AOV-PG-102B	L	4.000E-005	3.000E+000	9
1083	AFW-AOV-PG-202A	L	4.000E-005	3.000E+000	9
1084	AFW-AOV-PG-202B	L	4.000E-005	3.000E+000	9
1085	AFW-CCF-FS-FW3AB	L	3.500E-004	3.000E+000	
1086	AFW-CCF-FT-102AB	L	1.000E-004	3.000E+000	301
1087	AFW-CCF-FT-202AB	L	1.000E-004	3.000E+000	301
1088	AFW-CCF-LK-2STMB	L	1.000E-004	3.000E+001	25
1089	AFW-CCF-LK-STMBD	L	1.000E-004	3.000E+001	25
1090	AFW-CKV-CC-27588	L	1.000E-005	1.000E+001	302
1091	AFW-CKV-CC-3638	L	1.000E-005	1.000E+001	302
1092	AFW-CKV-CC-42577	L	1.000E-005	1.000E+001	302
1093	AFW-CKV-FT-CV131	L	1.000E-004	3.000E+000	31
1094	AFW-CKV-FT-CV133	L	1.000E-004	3.000E+000	31
1095	AFW-CKV-FT-CV136	L	1.000E-004	3.000E+000	31
1096	AFW-CKV-FT-CV138	L	1.000E-004	3.000E+000	31
1097	AFW-CKV-FT-CV142	L	1.000E-004	3.000E+000	31
1098	AFW-CKV-FT-CV157	L	1.000E-004	3.000E+000	31
1099	AFW-CKV-FT-CV172	L	1.000E-004	3.000E+000	31
1100	AFW-CKV-FT-CV176	L	1.000E-004	3.000E+000	31
1101	AFW-CKV-FT-CV178	L	1.000E-004	3.000E+000	31
1102	AFW-CKV-FT-CV182	L	1.000E-004	3.000E+000	31
1103	AFW-CKV-FT-CV232	L	1.000E-004	3.000E+000	31
1104	AFW-CKV-FT-CV233	L	1.000E-004	3.000E+000	31

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BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1105	AFW-CKV-FT-CV236	L	1.000E-004	3.000E+000	31
1106	AFW-CKV-FT-CV238	L	1.000E-004	3.000E+000	31
1107	AFW-CKV-FT-CV242	L	1.000E-004	3.000E+000	31
1108	AFW-CKV-FT-CV27	L	1.000E-004	3.000E+000	31
1109	AFW-CKV-FT-CV58	L	1.000E-004	3.000E+000	31
1110	AFW-CKV-FT-CV89	L	1.000E-004	3.000E+000	31
1111	AFW-CKV-00-CV142	L	1.000E-003	3.000E+000	33
1112	AFW-CKV-00-CV157	L	1.000E-003	3.000E+000	33
1113	AFW-CKV-00-CV172	L	1.000E-003	3.000E+000	33
1114	AFW-CKV-00-CV257	L	1.000E-003	3.000E+000	33
1115	AFW-CKV-00-CV272	L	1.000E-003	3.000E+000	33
1116	AFW-MDP-FR-3A1HR	L	3.000E-005	1.000E+001	55
1117	AFW-MDP-FR-3A6HR	L	1.800E-004	1.000E+001	60
1118	AFW-MDP-FR-3B1HR	L	3.000E-005	1.000E+001	55
1119	AFW-MDP-FR-3B6HR	L	1.800E-004	1.000E+001	60
1120	AFW-MDP-FS-FW3A	L	6.300E-003	3.000E+000	61
1121	AFW-MDP-FS-FW3B	L	6.300E-003	3.000E+000	61
1122	AFW-MDP-MA-FW3A	L	2.000E-003	1.000E+001	66
1123	AFW-MDP-MA-FW3B	U	5.272E-001	1.000E+000	
1124	AFW-MDP-MAOFW3A	L	2.000E-003	1.000E+001	66
1125	AFW-MDP-MAOFW3B	L	5.110E-001	1.000E+001	
1126	AFW-MOV-CC-151	L	2.600E-004	1.300E+001	15
1127	AFW-MOV-FT-151A	L	3.000E-003	1.000E+001	69
1128	AFW-MOV-FT-151B	L	3.000E-003	1.000E+001	69
1129	AFW-MOV-FT-151C	L	3.000E-003	1.000E+001	69
1130	AFW-MOV-FT-151D	L	3.000E-003	1.000E+001	69
1131	AFW-MOV-FT-151E	L	3.000E-003	1.000E+001	69
1132	AFW-MOV-FT-151F	L	3.000E-003	1.000E+001	69
1133	AFW-MOV-FT-160A	L	3.000E-003	1.000E+001	69
1134	AFW-MOV-FT-160B	L	3.000E-003	1.000E+001	69
1135	AFW-MOV-MA-151A	L	7.260E-002	3.000E+000	
1136	AFW-MOV-MA-151B	L	1.000E-003	1.000E+001	803
1137	AFW-MOV-MA-151C	L	1.000E-003	1.000E+001	803
1138	AFW-MOV-MA-151D	L	1.000E-003	1.000E+001	803
1139	AFW-MOV-MA-151E	L	1.000E-003	1.000E+001	803
1140	AFW-MOV-MA-151F	L	1.000E-003	1.000E+001	803
1141	AFW-MOV-MA-160A	L	1.000E-003	1.000E+001	803
1142	AFW-MOV-MA-160B	L	1.000E-003	1.000E+001	803
1143	AFW-MOV-MA0151A	L	+0.000E+000	3.000E+000	
1144	AFW-MOV-PG-151A	L	4.000E-005	3.000E+000	74
1145	AFW-MOV-PG-151B	L	4.000E-005	3.000E+000	74
1146	AFW-MOV-PG-151C	L	4.000E-005	3.000E+000	74
1147	AFW-MOV-PG-151D	L	4.000E-005	3.000E+000	74
1148	AFW-MOV-PG-151E	L	4.000E-005	3.000E+000	74
1149	AFW-MOV-PG-151F	L	4.000E-005	3.000E+000	74
1150	AFW-MS-PG-196	L	4.000E-005	1.000E+001	134
1151	AFW-MS-PG-296	L	4.000E-005	1.000E+001	134
1152	AFW-PSF-FC-XCONN	L	1.500E-004	3.000E+000	75

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1153	AFW-TDP-FR-2P1HR	L	5.000E-003	1.000E+001	86
1154	AFW-TDP-FR-2P6HR	L	3.000E-002	1.000E+001	87
1155	AFW-TDP-FR-6HRU2	L	3.000E-002	1.000E+001	87
1156	AFW-TDP-FS-FW2	L	1.100E-002	1.000E+001	89
1157	AFW-TDP-FS-U2FW2	L	1.100E-002	1.000E+001	89
1158	AFW-TDP-MA-FW2	L	3.719E-001	1.000E+001	
1159	AFW-TDP-MA-U2FW2	L	1.000E-002	1.000E+001	
1160	AFW-TDP-MA0FW2	L	4.907E-001	1.000E+001	
1161	AFW-TNK-VF-CST	L	1.000E-006	3.000E+000	93
1162	AFW-TNK-VF-U2CST	L	1.000E-006	3.000E+000	93
1163	AFW-XHE-F0-ACT	L	+0.000E+000	3.000E+000	
1164	AFW-XHE-F0-U1SB0	H	+0.000E+000	3.000E+000	
1165	AFW-XHE-F0-U2SB0	H	+0.000E+000	4.000E+000	
1166	AFW-XVM-PG-XV120	L	4.000E-005	1.000E+001	134
1167	AFW-XVM-PG-XV153	L	4.000E-005	1.000E+001	134
1168	AFW-XVM-PG-XV158	L	4.000E-005	1.000E+001	134
1169	AFW-XVM-PG-XV168	L	4.000E-005	1.000E+001	134
1170	AFW-XVM-PG-XV183	L	4.000E-005	1.000E+001	134
1171	AFW-XVM-PG-XV253	L	4.000E-005	1.000E+001	134
1172	AFW-XVM-PG-XV87	L	4.000E-005	1.000E+001	134
1173	AFWTDPU2	L	1.000E+000	1.000E+000	
1174	BAT-HTR-FC-TRACE	L	5.000E-004	3.000E+000	
1175	BAT-HTR-VF-STANK	L	2.600E-004	3.000E+000	
1176	BCW	L	5.580E-006	1.000E+001	
1177	CCW-AOV-FT-109A	L	1.000E-003	3.000E+000	5
1178	CCW-AOV-FT-109B	L	1.000E-003	3.000E+000	5
1179	CCW-AOV-MA-109A	L	2.000E-004	1.000E+000	
1180	CCW-AOV-OC-109A	L	7.500E-007	3.000E+000	7
1181	CCW-AOV-OC-109B	L	7.500E-007	3.000E+000	7
1182	CCW-AOV-OC-140A	L	7.500E-007	3.000E+000	7
1183	CCW-AOV-OC-140B	L	7.500E-007	3.000E+000	7
1184	CCW-AOV-PG-109A	L	4.000E-005	3.000E+000	9
1185	CCW-AOV-PG-109B	L	4.000E-005	3.000E+000	9
1186	CCW-AOV-PG-140A	L	4.000E-005	3.000E+000	9
1187	CCW-AOV-PG-140B	L	4.000E-005	3.000E+000	9
1188	CCW-AOV-SC-120A	L	7.500E-007	3.000E+000	7
1189	CCW-AOV-SC-120B	L	7.500E-007	3.000E+000	7
1190	CCW-AOV-SC-120C	L	7.500E-007	3.000E+000	7
1191	CCW-AOV-XHE-109	L	1.700E-003	1.000E+000	
1192	CCW-CCF-FS-MDPAB	L	4.500E-004	3.000E+000	306
1193	CCW-CCF-FT-8185	L	1.250E-005	3.000E+000	IPE2
1194	CCW-CKV-FT-CC176	L	1.000E-004	3.000E+000	31
1195	CCW-CKV-FT-CC177	L	1.000E-004	3.000E+000	31
1196	CCW-CKV-FT-CC557	L	1.000E-004	1.000E+000	
1197	CCW-CKV-FT-CC563	L	1.000E-004	3.000E+000	31
1198	CCW-CKV-FT-CV557	L	1.000E-004	3.000E+000	31
1199	CCW-CKV-00-563U2	L	1.000E-003	3.000E+000	33
1200	CCW-CKV-00-CV557	L	1.000E-003	3.000E+000	33

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1201	CCW-HTX-LK-E1A	L	7.200E-005	1.000E+001	41
1202	CCW-HTX-LK-E1B	L	7.200E-005	1.000E+001	41
1203	CCW-HTX-LK-U2E1A	L	7.200E-005	1.000E+001	41
1204	CCW-HTX-MA-E1B	U	1.452E-001	2.904E-001	
1205	CCW-HTX-MA-U2E1A	L	+0.000E+000	1.000E+000	
1206	CCW-HTX-MA0E1B	L	8.946E-001	1.000E+001	
1207	CCW-HTX-MA0U2E1A	L	5.280E-002	1.000E+000	
1208	CCW-HTX-PG-E1A	L	1.368E-004	1.000E+001	43
1209	CCW-HTX-PG-E1B	L	1.368E-004	1.000E+001	43
1210	CCW-HTX-PG-U2E1A	L	1.368E-004	1.000E+001	43
1211	CCW-LF-PS101A	L	1.380E-002	3.000E+000	
1212	CCW-LF-RHE2A	L	1.860E-002	3.000E+000	IPE3
1213	CCW-LF-RHE2B	L	1.860E-002	3.000E+000	IPE3
1214	CCW-LF-STK1	L	2.660E-006	3.000E+000	
1215	CCW-MDP-FR-CCP1A	L	7.200E-004	1.000E+001	57
1216	CCW-MDP-FR-CCP1B	L	7.200E-004	1.000E+001	57
1217	CCW-MDP-FR-CCP2A	L	1.800E-004	1.000E+001	60
1218	CCW-MDP-FS-CCP1A	L	3.000E-003	1.000E+001	65
1219	CCW-MDP-FS-CCP1B	L	3.000E-003	1.000E+001	65
1220	CCW-MDP-FS-CCP2A	L	3.000E-003	1.000E+001	65
1221	CCW-MDP-MA-CCP1B	L	2.000E-003	1.000E+001	66
1222	CCW-MDP-MA-CCP2A	L	2.000E-003	1.000E+001	66
1223	CCW-SO-RV116A	L	9.330E-005	3.000E+000	IPE4
1224	CCW-SO-RV116B	L	9.330E-005	3.000E+000	IPE4
1225	CCW-SO-RV116C	L	9.330E-005	3.000E+000	IPE4
1226	CCW-SO-RV118	L	9.330E-005	3.000E+000	IPE4
1227	CCW-SO-RV119A	L	9.330E-005	3.000E+000	IPE4
1228	CCW-SO-RV119B	L	9.330E-005	3.000E+000	IPE4
1229	CCW-SO-RV121	L	9.330E-005	3.000E+000	IPE4
1230	CCW-SO-RV150	L	9.330E-005	3.000E+000	IPE4
1231	CCW-XHE-10P14.1	L	1.200E-005	1.000E+001	
1232	CCW-XHE-10P51.1	L	2.100E-005	1.000E+001	
1233	CCW-XHE-F0-SP1B	L	1.600E-004	1.000E+000	
1234	CCW-XMV-PG-CC100	L	4.000E-005	1.000E+001	134
1235	CCW-XMV-PG-CC104	L	4.000E-005	1.000E+001	134
1236	CCW-XMV-PG-CC112	L	4.000E-005	1.000E+001	134
1237	CCW-XMV-PG-CC116	L	4.000E-005	1.000E+001	134
1238	CCW-XMV-PG-CC118	L	4.000E-005	1.000E+001	134
1239	CCW-XMV-PG-CC122	L	4.000E-005	1.000E+001	134
1240	CCW-XMV-PG-CC178	L	4.000E-005	1.000E+001	134
1241	CCW-XMV-PG-CC181	L	4.000E-005	1.000E+001	134
1242	CCW-XMV-PG-CC182	L	4.000E-005	1.000E+001	134
1243	CCW-XMV-PG-CC185	L	4.000E-005	1.000E+001	134
1244	CCW-XMV-PG-CC214	L	4.000E-005	1.000E+001	134
1245	CCW-XMV-PG-CC220	L	4.000E-005	1.000E+001	134
1246	CCW-XVM-FT-CC181	L	1.000E-004	3.000E+000	31
1247	CCW-XVM-FT-CC185	L	1.000E-004	3.000E+000	31
1248	CCW-XVM-PG-580U2	L	4.000E-005	1.000E+001	134

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1249	CCW-XVM-PG-583U2	L	4.000E-005	1.000E+001	134
1250	CCW-XVM-PG-CC104	L	4.400E-004	3.000E+000	133
1251	CCW-XVM-PG-CC178	L	4.400E-004	3.000E+000	133
1252	CCW-XVM-PG-CC182	L	4.400E-004	3.000E+000	133
1253	CCW-XVM-PG-CC214	L	4.400E-004	3.000E+000	133
1254	CCW-XVM-PG-CC560	L	4.000E-005	1.000E+001	134
1255	CCW-XVM-PG-CC564	L	4.000E-005	1.000E+001	134
1256	CCW-XVM-PG-XV580	L	4.000E-005	1.000E+001	134
1257	CCW-XVM-PG-XV583	L	4.000E-005	1.000E+001	134
1258	CCW-XVM-PG-XV584	L	4.000E-005	1.000E+001	134
1259	CCW-XVM-PG-XV587	L	4.000E-005	1.000E+001	134
1260	CIA-AOV-FT-IA103	L	1.000E-003	3.000E+000	5
1261	CIA-AOV-PG-101A	L	4.000E-005	3.000E+000	9
1262	CIA-AOV-PG-101B	L	4.000E-005	3.000E+000	9
1263	CIA-AOV-PG-TV100	L	4.000E-005	3.000E+000	9
1264	CIA-AOV-PG-TV125	L	4.000E-005	3.000E+000	9
1265	CIA-CCF-FR-IAC4	L	4.800E-004	1.000E+001	
1266	CIA-CPS-FR-IAC4A	L	4.800E-003	1.000E+001	202
1267	CIA-CPS-FR-IAC4B	L	4.800E-003	1.000E+001	202
1268	CIA-CPS-FS-IAC4B	L	8.000E-002	3.000E+000	203
1269	CIR-COND-UNAVLBL	L	1.000E-002	5.000E+000	
1270	CKV-CCF-FT-CLDLG	L	1.000E-005	1.000E+001	302
1271	CKV-CCF-FT-HTLG1	L	1.000E-005	1.000E+001	302
1272	CKV-CCF-FT-HTLG2	L	1.000E-005	1.000E+001	302
1273	CLS-ACT-FA-CLS2A	L	1.600E-003	5.000E+000	1
1274	CLS-ACT-FA-CLS2B	L	1.600E-003	5.000E+000	1
1275	CLS-ACT-OP-CLS2	L	+0.000E+000	1.000E+001	
1276	CLS-H	L	+0.000E+000	1.000E+000	
1277	CLS-HH	L	+0.000E+000	1.000E+000	
1278	CON-VFC-RP-COREM	L	2.000E-002	1.000E+000	94
1279	CONT/AFW-SGN	L	+0.000E+000	1.000E+001	
1280	CPC-AOV-FT-108B	L	1.000E-003	3.000E+000	5
1281	CPC-AOV-FT-108C	L	1.000E-003	3.000E+000	5
1282	CPC-CCF-FT-88C	L	1.000E-004	5.000E+000	16
1283	CPC-CCF-LF-STR1	L	4.700E-005	1.000E+001	18
1284	CPC-CCF-LF-STRAB	L	4.700E-005	1.000E+001	18
1285	CPC-CKV-FT-CV108	L	1.000E-004	3.000E+000	31
1286	CPC-CKV-FT-CV262	L	1.000E-004	3.000E+000	31
1287	CPC-CKV-FT-CV752	L	1.000E-004	3.000E+000	31
1288	CPC-CKV-00-CV113	L	1.000E-003	3.000E+000	33
1289	CPC-CKV-00-CV764	L	1.000E-003	3.000E+000	33
1290	CPC-ICC-FA-CCPBS	L	3.200E-004	5.000E+000	3
1291	CPC-ICC-FA-SWPBS	L	3.200E-004	5.000E+000	3
1292	CPC-ICC-FA-TCV8B	L	1.600E-003	5.000E+000	1
1293	CPC-ICC-FA-TCV8C	L	1.600E-003	5.000E+000	1
1294	CPC-MDP-FR-2CG2A	L	1.800E-004	1.000E+001	60
1295	CPC-MDP-FR-CC2A	L	7.200E-004	1.000E+001	57
1296	CPC-MDP-FR-CC2B	L	7.200E-004	1.000E+001	57

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1297	CPC-MDP-FR-SW10A	L	3.840E-003	3.000E+000	47A
1298	CPC-MDP-FR-SW10B	L	3.840E-003	3.000E+000	47A
1299	CPC-MDP-FR-SW20A	L	9.600E-004	3.000E+000	47
1300	CPC-MDP-FS-2CC2A	L	3.000E-003	1.000E+001	65
1301	CPC-MDP-FS-CC2B	L	3.000E-003	1.000E+001	65
1302	CPC-MDP-FS-SW10B	L	8.000E-003	3.500E+000	62
1303	CPC-MDP-FS-SW20A	L	8.000E-003	3.500E+000	62
1304	CPC-MDP-MA-CC2B	L	2.000E-003	1.000E+001	66
1305	CPC-MDP-MA-SW10A	L	+0.000E+000	+0.000E+000	
1306	CPC-MDP-MA-SW10B	U	9.274E-001	1.000E+000	
1307	CPC-MDP-MA0CC2B	L	2.000E-003	1.000E+001	66
1308	CPC-MDP-MA0SW10B	U	4.473E-001	8.946E-001	
1309	CPC-STR-PG-1AU26	L	1.800E-004	1.000E+001	83
1310	CPC-STR-PG-2AU26	L	1.800E-004	1.000E+001	83
1311	CPC-STR-PG-STR1A	L	1.800E-004	1.000E+001	83
1312	CPC-STR-PG-STR1B	L	1.800E-004	1.000E+001	83
1313	CPC-STR-PG-STR2A	L	1.800E-004	1.000E+001	83
1314	CPC-STR-PG-STR2B	L	1.800E-004	1.000E+001	83
1315	CPC-XVM-PG-2SW11	L	8.400E-006	3.000E+000	135
1316	CPC-XVM-PG-SW474	L	8.400E-006	3.000E+000	135
1317	CPC-XVM-PG-XV109	L	8.400E-006	3.000E+000	135
1318	CPC-XVM-PG-XV117	L	3.650E-005	3.000E+000	198
1319	CPC-XVM-PG-XV118	L	8.400E-006	3.000E+000	135
1320	CPC-XVM-PG-XV119	L	8.400E-006	3.000E+000	135
1321	CPC-XVM-PG-XV120	L	3.650E-005	3.000E+000	198
1322	CPC-XVM-PG-XV122	L	3.650E-005	3.000E+000	198
1323	CPC-XVM-PG-XV123	L	3.650E-005	3.000E+000	198
1324	CPC-XVM-PG-XV124	L	3.650E-005	3.000E+000	198
1325	CPC-XVM-PG-XV125	L	3.650E-005	3.000E+000	198
1326	CPC-XVM-PG-XV126	L	3.650E-005	3.000E+000	198
1327	CPC-XVM-PG-XV170	L	3.650E-005	3.000E+000	198
1328	CPC-XVM-PG-XV171	L	8.400E-006	3.000E+000	135
1329	CPC-XVM-PG-XV172	L	3.650E-005	3.000E+000	198
1330	CPC-XVM-PG-XV173	L	3.650E-005	3.000E+000	198
1331	CPC-XVM-PG-XV261	L	8.400E-006	3.000E+000	135
1332	CPC-XVM-PG-XV305	L	8.400E-006	3.000E+000	135
1333	CPC-XVM-PG-XV306	L	8.400E-006	3.000E+000	135
1334	CPC-XVM-PG-XV701	L	3.650E-005	3.000E+000	198
1335	CPC-XVM-PG-XV781	L	3.650E-005	3.000E+000	198
1336	CSS-CCF-FS-CS1AB	L	3.300E-004	1.300E+001	
1337	CSS-CCF-FT-101AB	L	2.600E-004	1.300E+001	15
1338	CSS-CCF-FT-101CD	L	2.600E-004	1.300E+001	15
1339	CSS-CKV-FT-CV13	L	1.000E-004	3.000E+000	31
1340	CSS-CKV-FT-CV24	L	1.000E-004	3.000E+000	31
1341	CSS-FLT-PG-CS1A	L	3.000E-005	1.000E+001	81
1342	CSS-FLT-PG-CS1B	L	3.000E-005	1.000E+001	81
1343	CSS-MDP-FR-1A1HR	L	3.000E-005	1.000E+001	55
1344	CSS-MDP-FR-1B1HR	L	3.000E-005	1.000E+001	55

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1345	CSS-MDP-FS-CS1A	L	3.000E-003	1.000E+001	65
1346	CSS-MDP-FS-CS1B	L	3.000E-003	1.000E+001	65
1347	CSS-MDP-MA-CS1A	L	2.000E-003	1.000E+001	66
1348	CSS-MDP-MA-CS1B	L	2.000E-003	1.000E+001	66
1349	CSS-MDP-MAOCS1B	L	2.000E-003	1.000E+001	66
1350	CSS-MDP-OP-AB	L	+0.000E+000	1.000E+001	
1351	CSS-MOV-FT-101A	L	3.000E-003	1.000E+001	69
1352	CSS-MOV-FT-101B	L	3.000E-003	1.000E+001	69
1353	CSS-MOV-FT-101C	L	3.000E-003	1.000E+001	69
1354	CSS-MOV-FT-101D	L	3.000E-003	1.000E+001	69
1355	CSS-MOV-PG-100A	L	1.095E-004	3.000E+000	196
1356	CSS-MOV-PG-100B	L	1.095E-004	3.000E+000	196
1357	CSS-TRA-MA	L	2.500E-001	1.000E+001	
1358	CSS-XVM-RE-XV15	L	3.000E-003	1.000E+001	136
1359	CSS-XVM-RE-XV8	L	3.000E-003	1.000E+001	136
1360	CVC-MDP-FR-2A1HR	L	3.000E-005	1.000E+001	55
1361	D-4KD6-XHE	L	1.000E+000	1.000E+000	
1362	D-4KW1-XHE	L	2.300E-005	2.000E+001	
1363	D-4KW2-XHE	L	1.200E-005	2.000E+001	4K2
1364	D-4KW3-XHE	L	1.200E-005	2.000E+001	4K2
1365	D-4KW4-XHE	L	1.100E-006	2.000E+001	4K4
1366	D-ARW1-XHE	L	2.300E-005	2.000E+001	4K1
1367	D-ARW2-XHE	L	1.200E-005	2.000E+001	4K2
1368	D-ARW3-XHE	L	1.200E-005	2.000E+001	4K2
1369	D-ARW4-XHE	L	1.100E-006	2.000E+001	
1370	D-B1W1-XHE	L	2.200E-002	2.000E+001	
1371	D-B1W2-XHE	L	4.300E-002	2.000E+001	B1D
1372	D-B1W3-XHE	L	4.300E-002	2.000E+001	
1373	D-B1W4-XHE	L	1.200E-003	2.000E+001	
1374	D-B2W1-XHE	L	9.700E-003	2.000E+001	
1375	D-B2W2-XHE	L	7.400E-003	2.000E+001	
1376	D-B2W3-XHE	L	7.400E-003	2.000E+001	B2D
1377	D-B2W4-XHE	L	7.200E-004	2.000E+001	
1378	D-CCW1-XHE	L	2.300E-005	2.000E+001	CC1
1379	D-CCW2-XHE	L	7.700E-006	2.000E+001	CC2
1380	D-CCW3-XHE	L	7.700E-006	2.000E+001	CC2
1381	D-CCW4-XHE	L	1.100E-006	2.000E+001	
1382	D-L1W1-XHE	L	8.200E-004	2.000E+001	
1383	D-L1W2-XHE	L	3.600E-004	2.000E+001	L1D
1384	D-L1W3-XHE	L	3.600E-004	2.000E+001	L1D
1385	D-L1W4-XHE	L	8.000E-005	2.000E+001	
1386	D-L2W1-XHE	L	1.000E-003	2.000E+001	
1387	D-L2W2-XHE	L	7.400E-004	2.000E+001	L2D
1388	D-L2W3-XHE	L	7.400E-004	2.000E+001	L2D
1389	D-L2W4-XHE	L	1.000E-004	2.000E+001	
1390	D-L3W1-XHE	L	4.300E-003	2.000E+001	
1391	D-L3W2-XHE	L	1.900E-003	2.000E+001	L3D
1392	D-L3W3-XHE	L	1.900E-003	2.000E+001	L3D

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1393	D-L3W4-XHE	L	4.100E-004	2.000E+001	
1394	D-R3D6-XHE	L	2.300E-005	2.000E+001	
1395	D-R3R10-XHE	L	1.100E-006	2.000E+001	
1396	D-R3R6-XHE	L	7.700E-006	2.000E+001	
1397	D-R3W1-XHE	L	2.300E-005	2.000E+001	CC1
1398	D-R3W2-XHE	L	7.700E-006	2.000E+001	CC2
1399	D-R3W3-XHE	L	7.700E-006	2.000E+001	CC2
1400	D-R3W4-XHE	L	1.100E-006	2.000E+001	4K4
1401	D-R4D6-XHE	L	1.500E-005	2.000E+001	
1402	D-R4R10-XHE	L	1.100E-006	2.000E+001	
1403	D-R4R6-XHE	L	5.100E-006	2.000E+001	
1404	D-R4W1-XHE	L	1.500E-005	2.000E+001	
1405	D-R4W2-XHE	L	5.100E-006	2.000E+001	R4D
1406	D-R4W3-XHE	L	5.100E-006	2.000E+001	R4D
1407	D-R4W4-XHE	L	1.100E-006	2.000E+001	4K4
1408	D-R5D6-XHE	L	2.300E-005	2.000E+001	
1409	D-R5R10-XHE	L	1.100E-006	2.000E+001	
1410	D-R5R6-XHE	L	1.200E-005	2.000E+001	
1411	D-R5W1-XHE	L	2.300E-005	2.000E+001	
1412	D-R5W2-XHE	L	1.200E-005	2.000E+001	4K2
1413	D-R5W3-XHE	L	1.200E-005	2.000E+001	4K2
1414	D-R5W4-XHE	L	1.100E-006	2.000E+001	4K4
1415	D-RAD6-XHE	L	1.500E-005	2.000E+001	
1416	D-RAR10-XHE	L	1.100E-006	2.000E+001	
1417	D-RAR6-XHE	L	5.100E-006	2.000E+001	
1418	D-RAW1-XHE	L	1.500E-005	2.000E+001	XA1
1419	D-RAW2-XHE	L	5.100E-006	2.000E+001	XA2
1420	D-RAW3-XHE	L	5.100E-006	2.000E+001	XA2
1421	D-RAW4-XHE	L	1.100E-006	2.000E+001	4K4
1422	D-RBD6-XHE	L	1.500E-005	2.000E+001	
1423	D-RBR10-XHE	L	1.100E-006	2.000E+001	
1424	D-RBR6-XHE	L	5.100E-006	2.000E+001	
1425	D-RBW1-XHE	L	1.500E-005	2.000E+001	XA1
1426	D-RBW2-XHE	L	5.100E-006	2.000E+001	XA2
1427	D-RBW3-XHE	L	5.100E-006	2.000E+001	XA2
1428	D-RBW4-XHE	L	1.100E-006	2.000E+001	4K4
1429	D-SIW1-XHE	L	2.300E-005	2.000E+001	4K1
1430	D-SIW2-XHE	L	1.200E-005	2.000E+001	4K2
1431	D-SIW3-XHE	L	1.200E-005	2.000E+001	4K2
1432	D-SIW4-XHE	L	1.100E-006	2.000E+001	
1433	D-SRW1-XHE	L	1.400E-002	2.000E+001	SRD
1434	D-SRW2-XHE	L	1.400E-002	2.000E+001	SRD
1435	D-SRW3-XHE	L	1.400E-002	2.000E+001	SRD
1436	D-SRW4-XHE	L	4.800E-003	2.000E+001	
1437	D-VBW1-XHE	L	8.000E-005	2.000E+001	
1438	D-VBW2-XHE	L	2.700E-005	2.000E+001	VBD
1439	D-VBW3-XHE	L	2.700E-005	2.000E+001	
1440	D-VBW4-XHE	L	5.900E-006	2.000E+001	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1441	DCP-BAT-LP-BAT1A	L	7.200E-004	3.000E+000	12
1442	DCP-BAT-LP-BAT1B	L	7.200E-004	3.000E+000	12
1443	DCP-BDC-MA-BAT1B	L	+0.000E+000	1.000E+000	
1444	DCP-BDC-MAOBAT1B	L	+0.000E+000	1.000E+000	
1445	DCP-BDC-ST-BUS1A	L	9.000E-005	5.000E+000	11
1446	DCP-BDC-ST-BUS1B	L	9.000E-005	5.000E+000	11
1447	DCP-CCF-LP-BT1AB	L	5.800E-006	3.000E+000	303
1448	DCP-CRB-CO-19	L	2.900E-005	3.000E+000	34
1449	DCP-CRB-CO-20	L	2.900E-005	3.000E+000	34
1450	DCP-CRB-CO-23	L	2.900E-005	3.000E+000	34
1451	DCP-CRB-CO-24	L	2.900E-005	3.000E+000	34
1452	DR-MT	L	1.200E+000	3.220E+000	
1453	DURATION-D6	L	2.550E+002	8.970E+000	
1454	DURATION-R10	L	4.440E+002	2.030E+001	
1455	DURATION-R6	L	2.380E+002	7.850E+000	
1456	FIRE-PUMP	L	1.632E-001	1.000E+000	
1457	FRAC-POS10	U	5.000E-001	1.000E+000	
1458	FREQ-4KV	L	2.100E-005	2.400E+000	
1459	FREQ-AIR	L	2.120E-006	2.860E+000	
1460	FREQ-B1	L	1.952E-008	5.730E+000	
1461	FREQ-B2	L	3.167E-009	4.420E+000	
1462	FREQ-CCW	L	3.760E-006	6.350E+000	
1463	FREQ-L1	L	6.197E-006	3.350E+000	
1464	FREQ-L2	L	7.368E-007	4.160E+000	
1465	FREQ-L3	L	3.810E-008	6.180E+000	
1466	FREQ-RHR2B	L	1.220E-005	3.270E+000	
1467	FREQ-RHR3	L	4.090E-006	3.790E+000	
1468	FREQ-RHR4	L	5.280E-006	3.820E+000	
1469	FREQ-RHR5	L	2.120E-005	2.210E+000	
1470	FREQ-SI	L	1.060E-004	1.150E+000	
1471	FREQ-SR	L	1.810E-008	3.000E+000	
1472	FREQ-VB	L	5.580E-006	3.940E+000	
1473	H-4KV-REC-W1	L	1.800E-002	3.000E+000	
1474	H-4KV-REC-W2	L	1.300E-002	3.000E+000	
1475	H-4KV-REC-W3	L	9.000E-003	3.000E+000	
1476	H-4KV-REC-W4	L	8.000E-003	3.000E+000	
1477	H-CCW-REC-W1	U	8.000E-001	1.000E+000	
1478	H-CCW-REC-W2	U	4.500E-001	9.000E-001	
1479	H-CCW-REC-W3	U	2.500E-001	5.000E-001	
1480	H-CCW-REC-W4	U	1.500E-001	3.000E-001	
1481	H-SI-REC-W1	U	3.500E-001	7.000E-001	
1482	H-SI-REC-W2	U	2.200E-001	4.400E-001	
1483	H-SI-REC-W3	U	1.600E-001	3.200E-001	
1484	H-SI-REC-W4	U	1.300E-001	2.600E-001	
1485	H-VB-REC-W1	U	3.000E-001	6.000E-001	
1486	H-VB-REC-W2	U	2.000E-001	4.000E-001	
1487	H-VB-REC-W3	U	1.500E-001	3.000E-001	
1488	H-VB-REC-W4	U	1.200E-001	2.400E-001	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1489	HOUSE-AIR	L	1.000E+000	1.000E+000	
1490	HOUSE-ALOCA	L	+0.000E+000	1.000E+000	
1491	HOUSE-B1	L	+0.000E+000	1.000E+000	
1492	HOUSE-B2	L	+0.000E+000	1.000E+000	
1493	HOUSE-L2	L	+0.000E+000	1.000E+000	
1494	HOUSE-L2-NRAC	L	+0.000E+000	1.000E+000	
1495	HOUSE-L3	L	+0.000E+000	1.000E+000	
1496	HOUSE-LOSP	L	+0.000E+000	1.000E+000	
1497	HOUSE-NOT-POS313	L	+0.000E+000	1.000E+000	
1498	HOUSE-NOT-POS412	L	+0.000E+000	1.000E+000	
1499	HOUSE-POS313	L	1.000E+000	1.000E+000	
1500	HOUSE-POS412	L	1.000E+000	1.000E+000	
1501	HOUSE-RHR5A	L	+0.000E+000	1.000E+000	
1502	HOUSE-SB0	L	+0.000E+000	1.000E+000	
1503	HOUSE-SB01	L	+0.000E+000	1.000E+000	
1504	HOUSE-SB02	L	+0.000E+000	1.000E+000	
1505	HOUSE-STBUSA	L	1.000E+000	1.000E+000	
1506	HPI-CCF-FS-CH1BC	L	8.400E-004	5.000E+000	14
1507	HPI-CCF-FT-115BD	L	2.600E-004	1.300E+001	15
1508	HPI-CCF-FT-867CD	L	2.600E-004	1.300E+001	15
1509	HPI-CCF-FT-869AB	L	2.600E-004	1.300E+001	15
1510	HPI-CKV-FT-CV225	L	1.000E-004	3.000E+000	31
1511	HPI-CKV-FT-CV25	L	1.000E-004	3.000E+000	31
1512	HPI-CKV-FT-CV267	L	1.000E-004	3.000E+000	31
1513	HPI-CKV-FT-CV276	L	1.000E-004	3.000E+000	31
1514	HPI-CKV-FT-CV410	L	1.000E-004	3.000E+000	31
1515	HPI-CKV-00-267U2	L	1.000E-003	3.000E+000	33
1516	HPI-CKV-00-276U2	L	1.000E-003	3.000E+000	33
1517	HPI-CKV-00-CV258	L	1.000E-003	3.000E+000	33
1518	HPI-MDP-FR-1A6HR	L	3.780E-004	2.900E+000	52
1519	HPI-MDP-FR-1B6HR	L	3.780E-004	2.900E+000	52
1520	HPI-MDP-FR-1C12H	L	7.560E-004	2.900E+000	51
1521	HPI-MDP-FR-1C6HR	L	3.780E-004	2.900E+000	52
1522	HPI-MDP-FR-2C6HR	L	3.780E-004	2.900E+000	52
1523	HPI-MDP-FS-CH1B	L	4.000E-003	3.500E+000	63
1524	HPI-MDP-FS-CH1C	L	4.000E-003	3.500E+000	63
1525	HPI-MDP-FS-CH2C	L	4.000E-003	3.500E+000	63
1526	HPI-MDP-MA-CH1A	L	+0.000E+000	3.000E+000	
1527	HPI-MDP-MA-CH1B	L	1.000E+000	1.000E+001	66
1528	HPI-MDP-MA-CH1C	L	1.000E+000	1.000E+001	66
1529	HPI-MDP-MA0CH1A	L	+0.000E+000	3.000E+000	
1530	HPI-MDP-MA0CH1B	L	1.000E+000	1.000E+001	66
1531	HPI-MDP-MA0CH1C	L	1.000E+000	1.000E+000	66
1532	HPI-MOD-FT-101B	L	1.090E-002	3.000E+000	IPE5
1533	HPI-MOD-FT-101C	L	1.090E-002	3.000E+000	IPE5
1534	HPI-MOV-FT-1115B	L	3.000E-003	1.000E+001	69
1535	HPI-MOV-FT-1115C	L	3.000E-003	1.000E+001	69
1536	HPI-MOV-FT-1115D	L	3.000E-003	1.000E+001	69

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1537	HPI-MOV-FT-1115E	L	3.000E-003	1.000E+001	69
1538	HPI-MOV-FT-1350	L	3.000E-003	1.000E+001	69
1539	HPI-MOV-FT-1867C	L	3.000E-003	1.000E+001	69
1540	HPI-MOV-FT-1867D	L	3.000E-003	1.000E+001	69
1541	HPI-MOV-FT-1869A	L	3.000E-003	1.000E+001	69
1542	HPI-MOV-FT-1869B	L	3.000E-003	1.000E+001	69
1543	HPI-MOV-PG-1115B	L	4.000E-005	3.000E+000	74
1544	HPI-MOV-PG-1115D	L	4.000E-005	3.000E+000	74
1545	HPI-MOV-PG-1269A	L	4.000E-005	3.000E+000	74
1546	HPI-MOV-PG-1270A	L	4.000E-005	3.000E+000	74
1547	HPI-MOV-PG-1286B	L	4.000E-005	3.000E+000	74
1548	HPI-MOV-PG-1286C	L	4.000E-005	3.000E+000	74
1549	HPI-MOV-PG-1350	L	4.000E-005	3.000E+000	74
1550	HPI-MOV-PG-1867C	L	4.000E-005	3.000E+000	74
1551	HPI-MOV-PG-1867D	L	4.000E-005	3.000E+000	74
1552	HPI-MOV-PG-1869A	L	4.000E-005	3.000E+000	74
1553	HPI-MOV-PG-1869B	L	4.000E-005	3.000E+000	74
1554	HPI-XHE-FO-PLLCK	L	2.700E-006	1.000E+000	
1555	HPI-XHE-FO-COLD	H	+0.000E+000	1.300E+001	
1556	HPI-XHE-FO-FBHLG	H	+0.000E+000	1.300E+001	
1557	HPI-XHE-FO-FDBLD	H	+0.000E+000	1.300E+001	
1558	HPI-XHE-FO-HOTLG	H	+0.000E+000	1.300E+001	
1559	HPI-XHE-FO-PLLCK	L	2.700E-006	1.000E+001	95
1560	HPI-XVM-PG-XV24	L	4.000E-005	1.000E+001	134
1561	HPR-MDP-FR-1C12H	L	8.000E-004	1.000E+000	
1562	HPR-MDP-FR-A18HR	L	1.224E-003	2.900E+000	50
1563	HPR-MDP-FR-B18HR	L	1.224E-003	2.900E+000	50
1564	IAS-AOV-FT-TV126	L	1.000E-003	3.000E+000	5
1565	IAS-AOV-LK-CC107	L	2.400E-005	3.000E+000	6
1566	IAS-AOV-OC-CC107	L	7.500E-007	3.000E+000	7
1567	IAS-AOV-PG-CC107	L	4.000E-005	3.000E+000	9
1568	IAS-AOV-PG-TV125	L	4.000E-005	3.000E+000	9
1569	IAS-CCF-LF-INAIR	L	2.700E-005	1.000E+001	26
1570	IAS-CPS-FR-IAC-1	L	4.800E-003	1.000E+001	202
1571	IAS-CPS-FS-IAC-1	L	8.000E-002	3.000E+000	203
1572	IAS-DYR-LF-IAD1	L	7.200E-004	1.000E+001	
1573	ISR-CCF-FS-RS1AB	L	4.200E-003	3.000E+000	
1574	ISR-MDP-FR-RS1A	L	7.200E-004	1.000E+001	57
1575	ISR-MDP-FR-RS1B	L	7.200E-004	1.000E+001	57
1576	ISR-MDP-FS-RS1A	L	3.800E-002	3.800E+000	64
1577	ISR-MDP-FS-RS1B	L	3.800E-002	3.800E+000	64
1578	ISR-MDP-MA-RS1A	L	2.000E-003	1.000E+001	66
1579	ISR-MDP-MA-RS1B	L	2.000E-003	1.000E+001	66
1580	ISR-MDP-OP-1AB	L	+0.000E+000	1.000E+001	
1581	ISR-STR-PG-RS1AS	L	7.200E-004	1.000E+001	85
1582	ISR-STR-PG-RS1BS	L	7.200E-004	1.000E+001	85
1583	K	L	6.000E-005	5.000E+000	147
1584	L	L	1.000E+000	1.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1585	LOOP-ISOLATED-6E	L	3.000E-001	1.000E+000	
1586	LOOP-ISOLATED-6T	L	7.000E-001	3.000E+000	
1587	LOOP1	L	1.000E+000	1.000E+000	
1588	LOOPISOLATED1D6	L	1.000E+000	1.000E+000	
1589	LOOPISOLATED1R10	L	1.000E+000	1.000E+000	
1590	LOOPISOLATED1R6	U	3.000E-001	6.000E-001	
1591	LOOPISOLATED2D6	L	+0.000E+000	1.000E+000	
1592	LOOPISOLATED2R10	L	1.000E+000	1.000E+000	
1593	LOOPISOLATED2R6	U	7.000E-001	1.000E+000	
1594	LOOPISOLATED3D6	L	+0.000E+000	1.000E+000	
1595	LOOPISOLATED3R10	L	1.000E+000	1.000E+000	
1596	LOOPISOLATED3R6	L	1.000E+000	1.000E+000	
1597	LOOPISOLATED4D6	L	+0.000E+000	1.000E+000	
1598	LOOPISOLATED4R10	L	1.000E+000	1.000E+000	
1599	LOOPISOLATED4R6	L	1.000E+000	1.000E+000	
1600	LOSP	L	1.670E-004	3.230E+000	
1601	LPI-CCF-FS-SI1AB	L	4.500E-004	3.000E+000	306
1602	LPI-CKV-FT-243	L	1.000E-004	3.000E+000	31
1603	LPI-CKV-FT-CV239	L	1.000E-004	3.000E+000	31
1604	LPI-CKV-FT-CV240	L	1.000E-004	3.000E+000	31
1605	LPI-CKV-FT-CV241	L	1.000E-004	3.000E+000	31
1606	LPI-CKV-FT-CV242	L	1.000E-004	3.000E+000	31
1607	LPI-CKV-FT-CV46A	L	1.000E-004	3.000E+000	31
1608	LPI-CKV-FT-CV46B	L	1.000E-004	3.000E+000	31
1609	LPI-CKV-FT-CV50	L	1.000E-004	3.000E+000	31
1610	LPI-CKV-FT-CV58	L	1.000E-004	3.000E+000	31
1611	LPI-CKV-FT-CV79	L	1.000E-004	3.000E+000	31
1612	LPI-CKV-FT-CV82	L	1.000E-004	3.000E+000	31
1613	LPI-CKV-FT-CV85	L	1.000E-004	3.000E+000	31
1614	LPI-CKV-FT-CV91	L	1.000E-004	3.000E+000	31
1615	LPI-CKV-FT-CV94	L	1.000E-004	3.000E+000	31
1616	LPI-CKV-00-CV50	L	1.000E-003	3.000E+000	33
1617	LPI-CKV-00-CV58	L	1.000E-003	3.000E+000	33
1618	LPI-MDP-FR-1A1HR	L	3.000E-005	1.000E+001	55
1619	LPI-MDP-FR-1A6HR	L	1.800E-004	1.000E+001	60
1620	LPI-MDP-FR-1B1HR	L	3.000E-005	1.000E+001	55
1621	LPI-MDP-FR-1B6HR	L	1.800E-004	1.000E+001	60
1622	LPI-MDP-FR-A18HR	L	5.400E-004	1.000E+001	58
1623	LPI-MDP-FR-A24HR	L	7.200E-004	1.000E+001	57
1624	LPI-MDP-FR-B18HR	L	5.400E-004	1.000E+001	58
1625	LPI-MDP-FR-B24HR	L	7.200E-004	1.000E+001	57
1626	LPI-MDP-FS-SI1A	L	3.000E-003	1.000E+001	65
1627	LPI-MDP-FS-SI1B	L	3.000E-003	1.000E+001	65
1628	LPI-MDP-MA-SI1A	L	1.000E+000	1.000E+001	
1629	LPI-MDP-MA-SI1B	L	+0.000E+000	1.000E+001	
1630	LPI-MDP-MAOSI1A	L	1.000E+000	1.000E+001	
1631	LPI-MDP-MAOSI1B	L	+0.000E+000	1.000E+001	
1632	LPI-MOV-CC-1890C	L	3.000E-003	1.000E+001	69

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1633	LPI-MOV-MA-1862A	L	+0.000E+000	1.000E+000	
1634	LPI-MOV-MA01862A	L	+0.000E+000	1.000E+000	
1635	LPI-MOV-00-1890C	L	5.200E-003	1.000E+001	68
1636	LPI-MOV-PG-1862A	L	4.000E-005	3.000E+000	74
1637	LPI-MOV-PG-1862B	L	4.000E-005	3.000E+000	74
1638	LPI-MOV-PG-1864A	L	4.400E-004	3.000E+000	73
1639	LPI-MOV-PG-1864B	L	4.400E-004	3.000E+000	73
1640	LPI-MOV-PG-1890C	L	4.400E-004	3.000E+000	73
1641	LPI-XHE-FO-COLD	H	+0.000E+000	1.300E+001	
1642	LPI-XHE-FO-HOTLG	H	+0.000E+000	1.300E+001	
1643	LPI-XVM-PG-XV48	L	3.650E-005	3.000E+000	198
1644	LPI-XVM-PG-XV57	L	3.650E-005	3.000E+000	198
1645	LPR-CCF-FT-860AB	L	2.600E-004	1.300E+001	15
1646	LPR-CCF-FT-862AB	L	2.600E-004	1.300E+001	15
1647	LPR-CCF-FT-863AB	L	2.600E-004	1.300E+001	15
1648	LPR-CCF-FT-890AB	L	2.600E-004	1.300E+001	15
1649	LPR-CCF-PG-SUMP	L	5.000E-005	1.000E+002	27
1650	LPR-CCF-PG-SUMP1	L	1.000E-002	1.000E+001	
1651	LPR-CCF-PG-SUMP2	U	1.000E-001	2.000E-001	
1652	LPR-CKV-FT-CV228	L	1.000E-004	3.000E+000	31
1653	LPR-CKV-FT-CV229	L	1.000E-004	3.000E+000	31
1654	LPR-CKV-FT-CV47	L	1.000E-004	3.000E+000	31
1655	LPR-CKV-FT-CV56	L	1.000E-004	3.000E+000	31
1656	LPR-MOV-FT-1860A	L	3.000E-003	1.000E+001	69
1657	LPR-MOV-FT-1860B	L	3.000E-003	1.000E+001	69
1658	LPR-MOV-FT-1862A	L	5.200E-003	1.000E+001	68
1659	LPR-MOV-FT-1862B	L	5.200E-003	1.000E+001	68
1660	LPR-MOV-FT-1863A	L	3.000E-003	1.000E+001	69
1661	LPR-MOV-FT-1863B	L	3.000E-003	1.000E+001	69
1662	LPR-MOV-FT-1890A	L	3.000E-003	1.000E+001	69
1663	LPR-MOV-FT-1890B	L	3.000E-003	1.000E+001	69
1664	LPR-MOV-PG-1863A	L	6.600E-004	3.000E+000	71
1665	LPR-MOV-PG-1863B	L	6.600E-004	3.000E+000	71
1666	LPR-MOV-PG-1890A	L	6.600E-004	3.000E+000	71
1667	LPR-MOV-PG-1890B	L	6.600E-004	3.000E+000	71
1668	LPR-XHE-FO-HOTLG	L	+0.000E+000	1.000E+001	131
1669	MCW-CCF-VF-INLVL	L	1.000E-009	1.000E+001	28
1670	MCW-CCF-VF-SBO	L	+0.000E+000	1.000E+001	
1671	MOV-FAILURE	L	1.000E-001	3.000E+000	
1672	MSS-AOV-FC-101A	L	1.500E-001	3.000E+000	4
1673	MSS-AOV-FC-101B	L	1.500E-001	3.000E+000	4
1674	MSS-AOV-FC-101C	L	1.500E-001	3.000E+000	4
1675	MSS-AOV-FT-101A	L	1.000E-003	3.000E+000	5
1676	MSS-AOV-FT-101B	L	1.000E-003	3.000E+000	5
1677	MSS-AOV-FT-101C	L	1.000E-003	3.000E+000	5
1678	MSS-AOV-MA-101A	L	5.000E-002	5.000E+000	802
1679	MSS-AOV-MA-101B	L	5.000E-002	5.000E+000	802
1680	MSS-AOV-MA-101C	L	5.000E-002	5.000E+000	802

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1681	MSS-AOV-PG-101A	L	4.000E-005	3.000E+000	9
1682	MSS-AOV-PG-101B	L	4.000E-005	3.000E+000	9
1683	MSS-AOV-PG-101C	L	4.000E-005	3.000E+000	9
1684	MSS-AOV-XHE-105	L	1.300E-002	1.000E+000	
1685	MSS-CCF-FT-01ABC	L	7.000E-005	5.000E+000	17
1686	MSS-CCF-FT-NRV	L	7.000E-005	5.000E+000	17
1687	MSS-CCF-FT-STV	L	7.000E-005	5.000E+000	17
1688	MSS-CCF-PG-XVM	L	4.000E-005	1.000E+001	134
1689	MSS-HCV-FT-104	L	1.000E-003	5.000E+000	
1690	MSS-HCV-PG-104	L	4.000E-005	1.000E+001	134
1691	MSS-NRV-FT-101A	L	3.000E-003	1.000E+001	69
1692	MSS-NRV-FT-101B	L	3.000E-003	1.000E+001	69
1693	MSS-NRV-FT-101C	L	3.000E-003	1.000E+001	69
1694	MSS-NRV-MA-101A	L	5.000E-002	5.000E+000	802
1695	MSS-NRV-MA-101B	L	5.000E-002	5.000E+000	802
1696	MSS-NRV-MA-101C	L	5.000E-002	5.000E+000	802
1697	MSS-NRV-PG-101A	L	6.000E-004	3.000E+000	304
1698	MSS-NRV-PG-101B	L	6.000E-004	3.000E+000	304
1699	MSS-NRV-PG-101C	L	6.000E-004	3.000E+000	304
1700	MSS-STV-FT-101A	L	1.000E-004	3.000E+000	31
1701	MSS-STV-FT-101B	L	1.000E-004	3.000E+000	31
1702	MSS-STV-FT-101C	L	1.000E-004	3.000E+000	31
1703	MSS-STV-MA-101A	L	5.000E-002	5.000E+000	802
1704	MSS-STV-MA-101B	L	5.000E-002	5.000E+000	802
1705	MSS-STV-MA-101C	L	5.000E-002	5.000E+000	802
1706	MSS-STV-PG-101A	L	4.000E-005	3.000E+000	74
1707	MSS-STV-PG-101B	L	4.000E-005	3.000E+000	74
1708	MSS-STV-PG-101C	L	4.000E-005	3.000E+000	74
1709	MSS-XVM-MA-084	L	+0.000E+000	1.000E+000	
1710	MSS-XVM-MA-116	L	+0.000E+000	1.000E+000	
1711	MSS-XVM-MA-153	L	+0.000E+000	1.000E+000	
1712	MSS-XVM-PG-084	L	4.400E-004	3.000E+000	133
1713	MSS-XVM-PG-116	L	4.400E-004	3.000E+000	133
1714	MSS-XVM-PG-153	L	4.400E-004	3.000E+000	133
1715	MSS-XVM-XHE-BYPS	L	1.700E-003	1.000E+000	
1716	NRAC-1HR	H	4.400E-001	3.700E+001	
1717	NRAC-7HR	H	5.000E-002	4.300E+001	
1718	NRAC-HALFHR	H	6.000E-001	4.400E+001	
1719	NRAC200	L	3.200E-001	1.440E+000	
1720	NRAC262	L	2.600E-001	1.540E+000	
1721	NRAC346	L	1.900E-001	1.700E+000	
1722	NRAC455	L	1.400E-001	1.900E+000	
1723	OEP-BAC-ST-FDRD	L	9.000E-005	5.000E+000	11
1724	OEP-BAC-ST-FDRF	L	9.000E-005	5.000E+000	11
1725	OEP-CCF-FS-DG12	L	8.400E-004	5.000E+000	14
1726	OEP-CCF-FS-DG123	L	4.000E-004	3.000E+000	
1727	OEP-CCF-FS-DG13	L	8.400E-004	5.000E+000	14
1728	OEP-CCF-FS-DG23	L	8.400E-004	5.000E+000	14

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1729	OEP-CRB-FT-15H3	L	3.000E-003	1.000E+001	35
1730	OEP-CRB-FT-15J3	L	3.000E-003	1.000E+001	35
1731	OEP-DGN-FC-DG3U2	L	3.400E-002	3.000E+000	36
1732	OEP-DGN-FR-DG01	L	2.000E-003	1.000E+001	37
1733	OEP-DGN-FR-DG03	L	2.000E-003	1.000E+001	37
1734	OEP-DGN-FS-DG01	L	2.200E-002	3.000E+000	39
1735	OEP-DGN-FS-DG03	L	2.200E-002	3.000E+000	39
1736	OEP-DGN-MA-DG01	L	+0.000E+000	1.000E+001	
1737	OEP-DGN-MA-DG03	L	+0.000E+000	1.000E+001	
1738	OEP-DGN-MA0DG01	L	+0.000E+000	1.000E+001	
1739	OEP-DGN-MA0DG03	L	+0.000E+000	1.000E+001	
1740	OSR-CCF-FS-RS2AB	L	3.300E-004	1.300E+001	
1741	OSR-CKV-FT-CV11	L	1.000E-004	3.000E+000	31
1742	OSR-CKV-FT-CV17	L	1.000E-004	3.000E+000	31
1743	OSR-MDP-FR-A24HR	L	7.200E-004	1.000E+001	57
1744	OSR-MDP-FR-B24HR	L	7.200E-004	1.000E+001	57
1745	OSR-MDP-FS-RS2A	L	3.000E-003	1.000E+001	65
1746	OSR-MDP-FS-RS2B	L	3.000E-003	1.000E+001	65
1747	OSR-MDP-MA-RS2A	L	2.000E-003	1.000E+001	66
1748	OSR-MDP-MA-RS2B	L	2.000E-003	1.000E+001	66
1749	OSR-MDP-OP-2AB	L	+0.000E+000	1.000E+001	
1750	OSR-MOV-PG-155A	L	4.000E-005	3.000E+000	74
1751	OSR-MOV-PG-155B	L	4.000E-005	3.000E+000	74
1752	OSR-MOV-PG-156A	L	4.000E-005	3.000E+000	74
1753	OSR-MOV-PG-156B	L	4.000E-005	3.000E+000	74
1754	OSR-STR-PG-RS2A	L	7.200E-004	1.000E+001	85
1755	OSR-STR-PG-RS2B	L	7.200E-004	1.000E+001	85
1756	OSR-TRA-MA	U	2.500E-001	5.000E-001	804
1757	OSR1N115	L	1.000E+000	1.000E+000	
1758	OSR1N313	L	1.000E+000	1.000E+000	
1759	OSR2N115	L	1.000E+000	1.000E+000	
1760	OSR5	L	1.000E+000	1.000E+000	
1761	OSR6	L	1.000E+000	1.000E+000	
1762	PCS-AOV-FT-BYP-A	L	1.000E-003	3.000E+000	5
1763	PCS-AOV-FT-BYP-B	L	1.000E-003	3.000E+000	5
1764	PCS-AOV-FT-BYPA	L	1.000E-003	3.000E+000	5
1765	PCS-AOV-FT-BYPB	L	1.000E-003	3.000E+000	5
1766	PCS-AOV-FT-MSTVA	L	1.000E-003	3.000E+000	5
1767	PCS-AOV-FT-MSTVB	L	1.000E-003	3.000E+000	5
1768	PCS-AOV-PG-BYP-A	L	4.000E-005	3.000E+000	9
1769	PCS-AOV-PG-BYP-B	L	4.000E-005	3.000E+000	9
1770	PCS-AOV-PG-BYPA	L	4.000E-005	3.000E+000	9
1771	PCS-AOV-PG-BYPB	L	4.000E-005	3.000E+000	9
1772	PCS-AOV-PG-MSTVA	L	4.000E-005	3.000E+000	9
1773	PCS-AOV-PG-MSTVB	L	4.000E-005	3.000E+000	9
1774	PCS-CCF-FT-TRBYP	L	1.000E-004	3.000E+000	
1775	PGW	L	5.580E-006	1.000E+001	
1776	PPS-AOV-OC-1455C	L	7.500E-007	3.000E+000	7

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1777	PPS-CCF-FT-15356	L	3.500E-003	5.000E+000	
1778	PPS-CCF-FT-PORV	L	7.000E-005	5.000E+000	17
1779	PPS-CCF-FT-SRVS	L	7.000E-005	5.000E+000	17
1780	PPS-MOV-FC-1535	L	3.000E-001	1.000E+000	4
1781	PPS-MOV-FC-1536	L	3.000E-001	1.000E+000	4
1782	PPS-MOV-FT-1535	L	4.000E-002	3.000E+000	67
1783	PPS-MOV-FT-1536	L	4.000E-002	3.000E+000	67
1784	PPS-MOV-00-1535	L	4.000E-002	3.000E+000	67
1785	PPS-MOV-00-1536	L	4.000E-002	3.000E+000	67
1786	PPS-MOV-PG-1535	L	4.000E-005	3.000E+000	74
1787	PPS-MOV-PG-1536	L	4.000E-005	3.000E+000	74
1788	PPS-OP-SET-SD	L	2.700E-003	1.000E+001	
1789	PPS-PCV-MA-1455C	L	+0.000E+000	1.000E+000	
1790	PPS-PCV-MA-1456	L	+0.000E+000	1.000E+000	
1791	PPS-PCV-MA01455C	L	+0.000E+000	+0.000E+000	
1792	PPS-PCV-MA01456	L	4.410E-002	+0.000E+000	
1793	PPS-SOV-FT-1455C	L	1.000E-003	3.000E+000	78
1794	PPS-SOV-FT-1456	L	1.000E-003	3.000E+000	78
1795	PPS-SOV-00-1455C	L	3.000E-002	1.000E+001	79
1796	PPS-SOV-00-1456	L	3.000E-002	1.000E+001	79
1797	PPS-SRV-FT-1551A	L	1.000E-003	3.000E+000	193
1798	PPS-SRV-FT-1551B	L	1.000E-003	3.000E+000	193
1799	PPS-SRV-FT-1551C	L	1.000E-003	3.000E+000	193
1800	PPS-XHE-F0-1PORV	H	+0.000E+000	1.300E+001	
1801	PPS-XHE-F0-EMBOR	L	+0.000E+000	1.000E+001	129
1802	PPS-XHE-F0-PORVS	H	+0.000E+000	1.500E+001	
1803	PPS-XHE-F0-UNBLK	L	+0.000E+000	1.000E+001	191
1804	PRNR-ARW1	U	6.500E-001	1.000E+000	
1805	PRNR-ARW2	U	3.500E-001	7.000E-001	
1806	PRNR-ARW3	L	1.000E-001	3.000E+000	
1807	PRNR-ARW4	L	1.000E-002	1.000E+001	
1808	PROB-1HFAILEDL2	L	3.290E-001	1.000E+000	
1809	PROB-1HFAILEDL3	L	4.890E-001	1.000E+000	
1810	PROB-RHR2A	L	1.620E-002	1.970E+000	
1811	PROB-W1D6	L	1.170E-001	1.000E+000	
1812	PROB-W1D6A	L	3.100E-001	1.000E+000	
1813	PROB-W1R10	L	+0.000E+000	1.000E+000	
1814	PROB-W1R10A	L	+0.000E+000	1.000E+000	
1815	PROB-W1R6	L	1.700E-002	1.000E+000	
1816	PROB-W1R6A	L	5.820E-002	1.000E+000	
1817	PROB-W2D6	L	4.360E-001	1.000E+000	
1818	PROB-W2D6A	L	4.540E-001	1.000E+000	
1819	PROB-W2R10	L	+0.000E+000	1.000E+000	
1820	PROB-W2R10A	L	+0.000E+000	1.000E+000	
1821	PROB-W2R6	L	5.430E-001	1.000E+000	
1822	PROB-W2R6A	L	7.000E-001	1.000E+000	
1823	PROB-W3D6	L	3.750E-001	1.000E+000	
1824	PROB-W3D6A	L	2.100E-001	1.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1825	PROB-W3R10	L	1.600E-002	1.000E+000	
1826	PROB-W3R10A	L	2.200E-002	1.000E+000	
1827	PROB-W3R6	L	4.100E-001	1.000E+000	
1828	PROB-W3R6A	L	2.400E-001	1.000E+000	
1829	PROB-W4D6	L	7.200E-002	1.000E+000	
1830	PROB-W4D6A	L	2.600E-002	1.000E+000	
1831	PROB-W4R10	L	9.840E-001	1.000E+000	
1832	PROB-W4R10A	L	9.800E-001	1.000E+000	
1833	PROB-W4R6	L	3.400E-002	1.000E+000	
1834	PROB-W4R6A	L	1.480E-003	1.000E+000	
1835	PZR-SV-REMOVED	L	1.000E-001	3.000E+000	
1836	PZR-SV-REMOVEDW1	L	1.000E-002	1.000E+001	
1837	PZR-SV-REMOVEDW2	U	5.000E-002	1.000E-001	
1838	PZR-SV-REMOVEDW3	U	9.000E-001	1.000E+000	
1839	PZR-SV-REMOVEDW4	U	3.000E-001	6.000E-001	
1840	Q	L	2.700E-002	1.000E+000	
1841	R-A1W1D6-XHE-C	L	1.080E-002	3.520E+000	RA1
1842	R-A2W1D6-XHE-C	L	1.080E-002	3.520E+000	RA1
1843	R-A3W1D6-XHE-C	L	1.000E-001	3.000E+000	RA3
1844	R-A7	L	1.000E+000	1.000E+000	
1845	R-A7W2R6-XHE-C	L	2.240E-002	1.880E+000	RA7
1846	R-A8W1R6-XHE-C	L	1.040E-001	3.000E+000	RA8
1847	R-B1W1-123-C-C	L	1.080E-002	7.270E+000	
1848	R-B1W1-13-C-C	L	1.970E-003	7.270E+000	3CC
1849	R-B1W1-3-C	L	1.000E-001	3.000E+000	RA3
1850	R-B1W2-123-C-A	L	4.292E-003	8.380E+000	
1851	R-B1W2-13-C-C	L	1.150E-003	1.000E+000	
1852	R-B1W2-23-A	L	3.610E-001	2.000E+000	23A
1853	R-B1W2-23-AC	L	3.610E-001	2.000E+000	23A
1854	R-B1W3-1-G	L	1.750E-002	8.140E+000	R1G
1855	R-B1W3-13-G-C	L	1.580E-003	1.000E+000	
1856	R-B1W3-23-A	L	1.120E-001	2.000E+000	
1857	R-B1W3-23-AC	L	1.120E-001	2.000E+000	
1858	R-B2W2-2	L	4.320E-001	2.000E+000	
1859	R-B2W3-1-G	L	1.750E-002	8.140E+000	R1G
1860	R-B2W3-2	L	3.080E-001	2.000E+000	
1861	R-B2W4-2	L	2.090E-001	2.000E+000	
1862	R-C1-W1D6A-XHE-R	L	1.000E+000	1.000E+000	
1863	R-C1W1D6A-XHE-R	L	4.170E-002	3.000E+000	RC1
1864	R-C2-W2D6A-XHE-R	L	1.000E+000	1.000E+000	
1865	R-C2W2D6A-XHE-R	L	4.170E-002	3.000E+000	RC1
1866	R-D1W2R6-XHE-C	L	2.240E-002	1.880E+000	RA7
1867	R-E1	L	1.000E+000	1.000E+000	
1868	R-E1W2D6-XHE-C	L	7.600E-003	2.440E+000	RE1
1869	R-H1W1DR6-XHE-F	L	1.200E-003	3.000E+000	
1870	R-L1W1-1-C	L	1.970E-002	6.410E+000	
1871	R-L2W1-1-C	L	1.860E-002	1.000E+000	
1872	R-L2W1-1-C-F	L	1.860E-002	1.000E+000	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1873	R-L2W1-123-C-A	L	4.220E-004	1.000E+000	
1874	R-L2W1-123-C-C	L	4.220E-004	1.000E+000	
1875	R-L2W1-13-C-C	L	1.970E-003	7.270E+000	3CC
1876	R-L2W1-13-C-C-F	L	1.970E-003	7.270E+000	3CC
1877	R-L2W2-123-C-A	L	+0.000E+000	1.000E+000	
1878	R-L2W2-123-C-A-F	L	+0.000E+000	1.000E+000	
1879	R-L2W2-123-C-C	L	+0.000E+000	1.000E+000	
1880	R-L2W2-123-C-C-F	L	+0.000E+000	1.000E+000	
1881	R-L2W2-13-C-C	L	1.240E-003	8.900E+000	CC3
1882	R-L2W2-13-C-C-F	L	1.240E-003	8.900E+000	CC3
1883	R-L2W2-13-G-C	L	3.730E-003	1.000E+000	
1884	R-L2W2-13-G-C-F	L	3.730E-003	1.000E+000	
1885	R-L2W2-3-C	L	1.000E-001	1.000E+000	
1886	R-L2W3-123-C-A-F	L	+0.000E+000	1.000E+000	
1887	R-L2W3-123-C-C-F	L	+0.000E+000	1.000E+000	
1888	R-L2W3-13-C-C-F	L	6.510E-004	1.000E+000	
1889	R-L2W4-13-C-C-F	L	+0.000E+000	1.000E+000	
1890	R-L3W1-1-C	L	1.860E-002	1.000E+000	
1891	R-L3W1-1-C-F	L	1.860E-002	1.000E+000	
1892	R-L3W1-13-C-C	L	1.860E-003	1.000E+000	
1893	R-L3W1-13-C-C-F	L	1.860E-003	1.000E+000	
1894	R-L3W2-123-C-A	L	+0.000E+000	1.000E+000	
1895	R-L3W2-123-C-A-F	L	+0.000E+000	1.000E+000	
1896	R-L3W2-123-C-C	L	+0.000E+000	1.000E+000	
1897	R-L3W2-123-C-C-F	L	+0.000E+000	1.000E+000	
1898	R-L3W2-13-C-C	L	1.150E-003	1.000E+000	
1899	R-L3W2-13-C-C-F	L	1.150E-003	1.000E+000	
1900	R-L3W2-23-A	L	2.020E-003	1.000E+000	
1901	R-L3W2-23-A-F	L	2.020E-003	1.000E+000	
1902	R-L3W3-123-C-A-F	L	+0.000E+000	1.000E+000	
1903	R-L3W3-123-C-C-F	L	+0.000E+000	1.000E+000	
1904	R-L3W3-13-C-C-F	L	6.510E-004	1.000E+000	
1905	R-L3W3-23-A-F	L	2.570E-003	1.000E+000	
1906	R-L3W4-13-C-C-F	L	+0.000E+000	1.000E+000	
1907	R-LOSP-DG01	L	1.250E-001	3.000E+000	
1908	R-R3R6-XHE-G-4	L	2.400E-001	2.000E+000	
1909	R-R4R6-XHE-G-5	L	6.300E-001	1.000E+000	
1910	R-R5R6-XHE-G-5	L	6.300E-001	1.000E+000	
1911	R-RAR6-XHE-G-5	L	6.300E-001	1.000E+000	
1912	R-RBR6-XHE-G-5	L	6.300E-001	1.000E+000	
1913	R-W1D6-XHE-C-A1	L	1.080E-002	3.520E+000	RA1
1914	R-W1D6-XHE-C-A2	L	1.080E-002	3.520E+000	RA1
1915	R-W1D6-XHE-C-A3	L	1.000E-001	3.000E+000	RA3
1916	R-W1R6-XHE-C-A11	L	1.040E-001	3.000E+000	RA8
1917	R-W2D6-XHE-C-A9	L	2.240E-002	1.880E+000	RA7
1918	R-W2D6-XHE-C-E1	L	7.600E-003	2.440E+000	RE1
1919	R-WID6-XHE-C-A2	L	1.000E+000	1.000E+000	
1920	RCS-AOV-FT-1455A	L	1.000E-003	3.000E+000	5

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1921	RCS-AOV-FT-1455B	L	1.000E-003	3.000E+000	5
1922	RCS-CCF-FT-455AB	L	1.000E-004	3.000E+000	301
1923	RCS-FCV-FT-AUXSP	L	1.000E-003	3.000E+000	5
1924	RCS-MDP-FR-RCP1A	L	3.000E-005	1.000E+001	55
1925	RCS-MDP-FR-RCP1C	L	3.000E-005	1.000E+001	55
1926	RCS-MDP-MA-RCP1C	L	+0.000E+000	1.000E+000	
1927	RCS-MDP-MAORCP1C	L	+0.000E+000	1.000E+000	
1928	RCS-XHE-FO-DPRES	H	+0.000E+000	2.800E+001	
1929	RCS-XHE-FO-DPRT7	H	+0.000E+000	2.900E+001	
1930	REC-XHE-FO-SC00L	H	1.250E-001	2.500E+001	
1931	REFLUX-W1D6	L	1.000E-001	2.000E+000	
1932	REFLUX-XHE-A1	L	4.300E-003	1.000E+000	
1933	REFUEL	L	6.000E-001	1.460E+000	
1934	RHR-AOV-CO-1758	L	1.200E-005	3.000E+000	IPE6
1935	RHR-AOV-OC-1758	L	7.500E-007	3.000E+000	7
1936	RHR-AOV-OO-1605	L	2.400E-006	1.000E+001	8
1937	RHR-ASF-PG-1605	L	3.000E-004	3.000E+000	10
1938	RHR-CCF-FS-MDPAB	L	4.500E-004	3.000E+000	306
1939	RHR-CCF-FT-720AB	L	2.600E-004	3.000E+000	305
1940	RHR-CKV-FT-CV11	L	1.000E-004	3.000E+000	31
1941	RHR-CKV-FT-CV5	L	1.000E-004	3.000E+000	31
1942	RHR-CKV-OO-CV11	L	1.000E-003	3.000E+000	33
1943	RHR-CKV-OO-CV5	L	1.000E-003	3.000E+000	33
1944	RHR-HTX-LK-E1A	L	7.200E-005	1.000E+001	41
1945	RHR-HTX-LK-E1B	L	7.200E-005	1.000E+001	41
1946	RHR-HTX-PG-E1A	L	1.368E-004	1.000E+001	43
1947	RHR-HTX-PG-E1B	L	1.368E-004	1.000E+001	43
1948	RHR-MDP-FR-A24HR	L	7.200E-004	1.000E+001	57
1949	RHR-MDP-FR-B24HR	L	7.200E-004	1.000E+001	57
1950	RHR-MDP-FS-RHR1A	L	3.000E-003	1.000E+001	65
1951	RHR-MDP-FS-RHR1B	L	3.000E-003	1.000E+001	65
1952	RHR-MDP-MA-RHR1B	L	+0.000E+000	1.000E+000	
1953	RHR-MDP-MAORHR1B	L	+0.000E+000	+0.000E+000	
1954	RHR-MOV-FT-1700	L	3.000E-003	1.000E+001	69
1955	RHR-MOV-FT-1701	L	3.000E-003	1.000E+001	69
1956	RHR-MOV-FT-1720A	L	3.000E-003	1.000E+001	69
1957	RHR-MOV-FT-1720B	L	3.000E-003	1.000E+001	69
1958	RHR-MOV-MA-1720A	L	+0.000E+000	1.000E+000	
1959	RHR-MOV-MA01720A	L	+0.000E+000	1.000E+000	
1960	RHR-MOV-PG-1700	L	4.400E-004	3.000E+000	73
1961	RHR-MOV-PG-1701	L	4.400E-004	3.000E+000	73
1962	RHR-MOV-PG-1720A	L	4.400E-004	3.000E+000	73
1963	RHR-MOV-PG-1720B	L	4.400E-004	3.000E+000	73
1964	RHR-SRV-CO-1721	L	9.360E-005	1.000E+001	80
1965	RHR-XMV-FT-XV20	L	1.000E-004	3.000E+000	201
1966	RHR-XMV-FT-XV24	L	1.000E-004	3.000E+000	201
1967	RHR-XVM-PG-XV12	L	4.400E-004	3.000E+000	133
1968	RHR-XVM-PG-XV15	L	4.400E-004	3.000E+000	133

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
1969	RHR-XVM-PG-XV19	L	4.400E-004	3.000E+000	133
1970	RHR-XVM-PG-XV2	L	4.400E-004	3.000E+000	133
1971	RHR-XVM-PG-XV20	L	4.400E-004	3.000E+000	133
1972	RHR-XVM-PG-XV24	L	4.400E-004	3.000E+000	133
1973	RHR-XVM-PG-XV6	L	4.400E-004	3.000E+000	133
1974	RHR-XVM-PG-XV8	L	4.400E-004	3.000E+000	133
1975	RMT-ACT-FA-RMTSA	L	+0.000E+000	5.000E+000	
1976	RMT-ACT-FA-RMTSB	L	+0.000E+000	5.000E+000	
1977	RMT-B	L	1.000E+000	1.000E+000	
1978	RMT-CCF-FA-MSCAL	L	+0.000E+000	1.000E+001	30
1979	RWT-TNK-LF-RWST	L	2.700E-006	1.000E+001	92
1980	SAS-CCF-FR-SAC1	L	4.800E-004	1.000E+001	
1981	SAS-CPS-FR-1SAC1	L	4.800E-003	1.000E+001	202
1982	SAS-CPS-FR-2SAC1	L	4.800E-003	1.000E+001	202
1983	SAS-CPS-FS-2SAC1	L	8.000E-002	3.000E+000	203
1984	SEMI-VIT-BUS	L	1.000E-005	1.000E+001	
1985	SGA-DRAINED-R	L	2.300E-002	5.000E+000	307
1986	SGB-DRAINED-R	L	2.300E-002	5.000E+000	307
1987	SGC-DRAINED-R	L	2.300E-002	5.000E+000	307
1988	SGRT-AOV-LK-100A	L	2.400E-005	3.000E+000	6
1989	SGRT-AOV-LK-100B	L	2.400E-005	3.000E+000	6
1990	SGRT-AOV-LK-100C	L	2.400E-005	3.000E+000	6
1991	SGRT-AOV-LK-100D	L	2.400E-005	3.000E+000	6
1992	SGRT-AOV-LK-100E	L	2.400E-005	3.000E+000	6
1993	SGRT-AOV-LK-100F	L	2.400E-005	3.000E+000	6
1994	SGRT-AOV-OC-100A	L	7.500E-007	3.000E+000	7
1995	SGRT-AOV-OC-100B	L	7.500E-007	3.000E+000	7
1996	SGRT-AOV-OC-100C	L	7.500E-007	3.000E+000	7
1997	SGRT-AOV-OC-100D	L	7.500E-007	3.000E+000	7
1998	SGRT-AOV-OC-100E	L	7.500E-007	3.000E+000	7
1999	SGRT-AOV-OC-100F	L	7.500E-007	3.000E+000	7
2000	SGRT-AOV-PG-100A	L	4.000E-005	3.000E+000	9
2001	SGRT-AOV-PG-100B	L	4.000E-005	3.000E+000	9
2002	SGRT-AOV-PG-100C	L	4.000E-005	3.000E+000	9
2003	SGRT-AOV-PG-100D	L	4.000E-005	3.000E+000	9
2004	SGRT-AOV-PG-100E	L	4.000E-005	3.000E+000	9
2005	SGRT-AOV-PG-100F	L	4.000E-005	3.000E+000	9
2006	SGRT-CKV-FO-CMFA	L	1.000E-003	3.000E+000	33
2007	SGRT-CKV-FO-CMFB	L	1.000E-003	3.000E+000	33
2008	SGRT-CKV-FO-CMFC	L	1.000E-003	3.000E+000	33
2009	SGRT-CKV-FT-RT11	L	1.000E-004	3.000E+000	31
2010	SGRT-CKV-FT-RT30	L	1.000E-004	3.000E+000	31
2011	SGRT-CKV-FT-RT49	L	1.000E-004	3.000E+000	31
2012	SGRT-HTX-LK-E1A	L	7.200E-005	1.000E+001	41
2013	SGRT-HTX-LK-E1B	L	7.200E-005	1.000E+001	41
2014	SGRT-HTX-LK-E1C	L	7.200E-005	1.000E+001	41
2015	SGRT-HTX-MA-E1A	L	2.000E-004	1.000E+001	
2016	SGRT-HTX-MA-E1B	L	2.000E-004	1.000E+001	

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BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
2017	SGRT-HTX-MA-E1C	L	2.000E-004	1.000E+001	
2018	SGRT-HTX-PG-E1A	L	1.400E-004	1.000E+001	43
2019	SGRT-HTX-PG-E1B	L	1.400E-004	1.000E+001	43
2020	SGRT-HTX-PG-E1C	L	1.400E-004	1.000E+001	43
2021	SGRT-MV-PG-150	L	4.000E-005	1.000E+001	134
2022	SGRT-MV-PG-160	L	4.000E-005	1.000E+001	134
2023	SGRT-MV-PG-170	L	4.000E-005	1.000E+001	134
2024	SGRT-MV-PG-BD1	L	4.000E-005	1.000E+001	134
2025	SGRT-MV-PG-BD11	L	4.000E-005	1.000E+001	134
2026	SGRT-MV-PG-BD12	L	4.000E-005	1.000E+001	134
2027	SGRT-MV-PG-BD14	L	4.000E-005	1.000E+001	134
2028	SGRT-MV-PG-BD2	L	4.000E-005	1.000E+001	134
2029	SGRT-MV-PG-BD21	L	4.000E-005	1.000E+001	134
2030	SGRT-MV-PG-BD22	L	4.000E-005	1.000E+001	134
2031	SGRT-MV-PG-BD24	L	4.000E-005	1.000E+001	134
2032	SGRT-MV-PG-BD4	L	4.000E-005	1.000E+001	134
2033	SGRT-MV-PG-RT1	L	4.000E-005	1.000E+001	134
2034	SGRT-MV-PG-RT13	L	4.000E-005	1.000E+001	134
2035	SGRT-MV-PG-RT18	L	4.000E-005	1.000E+001	134
2036	SGRT-MV-PG-RT19	L	4.000E-005	1.000E+001	134
2037	SGRT-MV-PG-RT2	L	4.000E-005	1.000E+001	134
2038	SGRT-MV-PG-RT20	L	4.000E-005	1.000E+001	134
2039	SGRT-MV-PG-RT21	L	4.000E-005	1.000E+001	134
2040	SGRT-MV-PG-RT25	L	4.000E-005	1.000E+001	134
2041	SGRT-MV-PG-RT27	L	4.000E-005	1.000E+001	134
2042	SGRT-MV-PG-RT32	L	4.000E-005	1.000E+001	134
2043	SGRT-MV-PG-RT37	L	4.000E-005	1.000E+001	134
2044	SGRT-MV-PG-RT38	L	4.000E-005	1.000E+001	134
2045	SGRT-MV-PG-RT39	L	4.000E-005	1.000E+001	134
2046	SGRT-MV-PG-RT40	L	4.000E-005	1.000E+001	134
2047	SGRT-MV-PG-RT44	L	4.000E-005	1.000E+001	134
2048	SGRT-MV-PG-RT46	L	4.000E-005	1.000E+001	134
2049	SGRT-MV-PG-RT51	L	4.000E-005	1.000E+001	134
2050	SGRT-MV-PG-RT56	L	4.000E-005	1.000E+001	134
2051	SGRT-MV-PG-RT57	L	4.000E-005	1.000E+001	134
2052	SGRT-MV-PG-RT6	L	4.000E-005	1.000E+001	134
2053	SGRT-MV-PG-RT8	L	4.000E-005	1.000E+001	134
2054	SGRT-PMP-FR-RT1A	L	7.200E-004	1.000E+001	57
2055	SGRT-PMP-FR-RT1B	L	7.200E-004	1.000E+001	57
2056	SGRT-PMP-FR-RT1C	L	7.200E-004	1.000E+001	57
2057	SGRT-PMP-FS-RT1A	L	3.000E-003	1.000E+001	65
2058	SGRT-PMP-FS-RT1B	L	3.000E-003	1.000E+001	65
2059	SGRT-PMP-FS-RT1C	L	3.000E-003	1.000E+001	65
2060	SGRT-PMP-MA-RT1A	L	1.000E-003	1.000E+001	
2061	SGRT-PMP-MA-RT1B	L	1.000E-003	1.000E+001	
2062	SGRT-PMP-MA-RT1C	L	1.000E-003	1.000E+001	
2063	SGS-DRAINED-CSD	L	1.000E-003	1.000E+001	
2064	SGS-DRAINED-R	L	8.300E-003	1.000E+001	

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
2065	SIS-ACT-FA-SISA	L	+0.000E+000	+0.000E+000	1
2066	SIS-ACT-FA-SISB	L	+0.000E+000	+0.000E+000	1
2067	SL	L	7.300E-001	1.000E+000	
2068	SLOCA-NRACSL-LT	L	9.200E-002	1.000E+000	177
2069	SLOCA-NRACSL-ST	L	9.900E-002	1.000E+000	178
2070	SOLAIR-COMP	L	1.632E-001	1.000E+000	
2071	SP-SI-CLSI-HE	L	+0.000E+000	1.000E+000	
2072	SSHR-AOV-XHE-105	L	1.300E-002	1.000E+000	
2073	SW-AOV-FT-SW263	L	1.000E+000	1.000E+000	
2074	SW-AOV-SC-SW263	L	7.500E-007	3.000E+000	7
2075	SW-CCF-AIRINJ	L	3.200E-004	1.900E+000	
2076	SW-CCF-SC-MOV102	L	2.500E-004	1.000E+000	
2077	SW-CKV-PG6-SW333	L	6.000E-007	3.000E+000	
2078	SW-PIPE-MA-2PS3	L	1.200E-005	3.000E+000	IPE6
2079	SW-PIPE-MA-PS4	L	1.200E-005	3.000E+000	IPE6
2080	SW-STR-PL-TS15CA	L	7.200E-004	1.000E+001	85
2081	SW-STR-PL-TS15CC	L	7.200E-004	1.000E+001	85
2082	SW-TBFLOWDIVER	L	2.664E-006	1.000E+001	
2083	SWS-AOV-SC-100A	L	1.200E-005	3.000E+000	IPE6
2084	SWS-AOV-SC-100C	L	1.200E-005	3.000E+000	IPE6
2085	SWS-CCF-FT-3ABCD	L	6.300E-004	1.000E+001	
2086	SWS-CCF-PG-TS15C	L	1.900E-004	1.000E+001	
2087	SWS-CKV-FT-SW323	L	1.000E-004	3.000E+000	31
2088	SWS-CKV-PG-SW313	L	2.400E-006	3.000E+000	201
2089	SWS-CKV-PG-SW333	L	2.400E-006	3.000E+000	201
2090	SWS-HTX-MA-E1B	L	4.781E-001	1.000E+000	
2091	SWS-MOV-FT-103A	L	3.000E-003	1.000E+001	69
2092	SWS-MOV-FT-103B	L	3.000E-003	1.000E+001	69
2093	SWS-MOV-FT-103C	L	3.000E-003	1.000E+001	69
2094	SWS-MOV-FT-103D	L	3.000E-003	1.000E+001	69
2095	SWS-MOV-MA-103A	L	2.000E-004	1.000E+001	70
2096	SWS-MOV-MA-103B	L	2.000E-004	1.000E+001	70
2097	SWS-MOV-MA-103C	L	2.000E-004	1.000E+001	70
2098	SWS-MOV-MA-103D	L	2.000E-004	1.000E+001	70
2099	SWS-MOV-MA-104D	L	+0.000E+000	1.000E+000	
2100	SWS-MOV-MA0103A	L	2.000E-004	1.000E+001	70
2101	SWS-MOV-MA0104D	L	+0.000E+000	1.000E+000	
2102	SWS-MOV-OP-RSFP	L	1.440E-003	1.000E+001	308
2103	SWS-MOV-OP-RSS	L	1.440E-003	1.000E+001	308
2104	SWS-MOV-PG-104A	L	6.500E-004	3.000E+000	72
2105	SWS-MOV-PG-104B	L	6.500E-004	3.000E+000	72
2106	SWS-MOV-PG-104C	L	6.500E-004	3.000E+000	72
2107	SWS-MOV-PG-104D	L	6.500E-004	3.000E+000	72
2108	SWS-MOV-PG-105A	L	6.500E-004	3.000E+000	72
2109	SWS-MOV-PG-105B	L	6.500E-004	3.000E+000	72
2110	SWS-MOV-PG-105C	L	6.500E-004	3.000E+000	72
2111	SWS-MOV-PG-105D	L	6.500E-004	3.000E+000	72
2112	SWS-MOV-PG-106A	L	6.500E-004	3.000E+000	72

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
2113	SWS-MOV-PG-106B	L	6.500E-004	3.000E+000	72
2114	SWS-PCV-FT-100B	L	1.000E-003	3.000E+000	5
2115	SWS-STR-PG-TS15C	L	1.080E-002	3.000E+000	
2116	SWS-XHE-AP12	L	1.000E+000	1.000E+001	
2117	SWS-XHE-AP12.00	L	1.000E+000	1.000E+000	
2118	SWS-XVM-PG-37U2	L	4.000E-005	1.000E+001	134
2119	SWS-XVM-PG-39U2	L	4.000E-005	1.000E+001	134
2120	SWS-XVM-PG-SW321	L	4.000E-005	1.000E+001	134
2121	SWS-XVM-PG-SW324	L	4.000E-005	1.000E+001	134
2122	SWS-XVM-PG-XV33	L	4.000E-005	1.000E+001	134
2123	SWS-XVM-PG-XV35	L	4.000E-005	1.000E+001	134
2124	SWS-XVM-PG-XV37	L	4.000E-005	1.000E+001	134
2125	SWS-XVM-PG-XV39	L	4.000E-005	1.000E+001	134
2126	TB-FREQ-VSFM06	L	2.200E-002	1.000E+000	
2127	U2AFW-XHE-E1	L	1.000E-004	5.000E+000	
2128	U2CHG-XHE-A7	L	3.200E-003	3.000E+000	
2129	UNIT2-LOW-POWER	L	3.500E-001	1.000E+000	
2130	UNITY	L	1.000E+000	1.000E+000	
2131	VS-AHU-FX-VSAC6	L	7.621E-003	3.000E+000	
2132	VS-AHU-LF-VSAC6	L	3.432E-005	1.000E+001	IPE7
2133	VS-AHU-LF-VSAC7	L	3.432E-005	1.000E+001	IPE7
2134	VS-AHU-LF7-VSAC7	L	1.201E-004	3.000E+000	
2135	VS-AHU-MA-VSAC6	L	+0.000E+000	3.000E+000	IPE
2136	VS-AHU-MA-VSAC7	L	3.750E-003	3.000E+000	IPE
2137	VS-BCFLOWDIVER	L	2.664E-006	1.000E+001	
2138	VS-CCF-FT-PABC	L	1.080E-004	1.000E+001	
2139	VS-CHL-FR-VSE3A	L	3.600E-003	1.000E+001	IPE8
2140	VS-CHL-FR-VSE3B	L	3.600E-003	1.000E+001	IPE8
2141	VS-CHL-FR-VSE4A	L	3.600E-003	1.000E+001	IPE8
2142	VS-CHL-FR-VSE4B	L	3.600E-003	1.000E+001	IPE8
2143	VS-CHL-FR-VSE4C	L	3.600E-003	1.000E+001	IPE8
2144	VS-CHL-FR6-VSE4C	L	9.000E-004	1.000E+001	
2145	VS-CHL-FR7-VSE4B	L	5.400E-002	1.000E+001	
2146	VS-CHL-FS-VSE4B	L	3.900E-003	1.000E+000	
2147	VS-CHL-MA-VSE4B	L	+0.000E+000	3.000E+000	
2148	VS-CHL-MAOVSE4B	L	+0.000E+000	3.000E+000	
2149	VS-CKV-FT-VS292	L	1.000E-004	3.000E+000	31
2150	VS-CKV-PG-VS271	L	2.400E-006	3.000E+000	201
2151	VS-CKV-PG-VS276	L	2.400E-006	3.000E+000	201
2152	VS-CKV-PG-VS288	L	2.400E-006	3.000E+000	201
2153	VS-CKV-PG-VS296	L	2.400E-006	3.000E+000	201
2154	VS-CKV-PG6-VS296	L	6.000E-007	3.000E+000	
2155	VS-EVC-FR-VSE1A	L	3.600E-003	1.000E+001	IPE9
2156	VS-EVC-FR-VSE1B	L	3.600E-003	1.000E+001	IPE9
2157	VS-FM0-FR-FM06	G	9.864E-005	1.600E+000	
2158	VS-FM0-FR-FM07	G	9.864E-005	1.600E+000	
2159	VS-FM0-FR7-FM07	G	3.452E-004	1.600E+000	
2160	VS-FM0-FS-FM06	L	3.900E-003	3.000E+000	IPE0

BASIC EVENTS UNCERTAINTY VALUES REPORT

Family: RHRMODEL

Case: ALTERNATE

Event Number	Primary Name	Distribution Type	Mean Probability	Uncertainty Value	Correlation Class
2161	VS-FMO-FS-FM07	L	3.900E-003	3.000E+000	IPE0
2162	VS-FRQ-MA-VSE4A	L	3.410E+000	1.000E+000	
2163	VS-MDF-FR-VSP1B	L	7.200E-004	1.000E+001	57
2164	VS-MDF-FR-VSP1C	L	7.200E-004	1.000E+001	57
2165	VS-MDP-FR-VSP1A	L	7.200E-004	1.000E+001	57
2166	VS-MDP-FR-VSP2A	L	7.200E-004	1.000E+001	57
2167	VS-MDP-FR-VSP2B	L	7.200E-004	1.000E+001	57
2168	VS-MDP-FR-VSP2C	L	7.200E-004	1.000E+001	57
2169	VS-MDP-FR-VSP3A	L	7.512E-004	3.000E+000	IP1
2170	VS-MDP-FR-VSP3B	L	7.512E-004	3.000E+000	IP1
2171	VS-MDP-FR6-VSP1C	L	1.800E-004	1.000E+001	60
2172	VS-MDP-FR6-VSP2C	L	1.800E-004	1.000E+001	60
2173	VS-MDP-FR7-VSP1B	L	1.080E-002	3.000E+000	IP2
2174	VS-MDP-FR7-VSP2B	L	1.080E-002	3.000E+000	IP2
2175	VS-MDP-FS-VSP1B	L	3.000E-003	1.000E+001	65
2176	VS-MDP-FS-VSP2B	L	3.000E-003	1.000E+001	65
2177	VS-MOV-FT-PG107B	L	3.000E-003	1.000E+001	
2178	VS-MOV-SC-P107A	L	1.200E-005	3.000E+000	IPE6
2179	VS-MOV-SC-P107C	L	1.200E-005	3.000E+000	IPE6
2180	VS-MSW-NO-TRAN1	L	2.660E-005	3.000E+000	IP3
2181	VS-SW-CO-ACGR1B	L	2.660E-005	3.000E+000	IP3
2182	VS-XHE-FO-EO18	L	1.000E+000	1.000E+000	
2183	VS-XHE-FO-FCA10	L	1.000E+000	1.000E+000	
2184	VS-XVM-FT-VS247	L	3.600E-005	3.000E+000	198
2185	VS-XVM-FT-VS251	L	3.600E-005	3.000E+000	198
2186	VS-XVM-PG-VS291	L	3.600E-005	3.000E+000	198
2187	VS-XVM-PG-VS294	L	3.600E-005	3.000E+000	198
2188	WINDOW1	L	1.000E+000	1.000E+000	
2189	WINDOW2	L	1.000E+000	1.000E+000	
2190	Z	L	1.400E-002	7.000E+000	181
2191	Z1	H	5.000E-001	3.400E+001	

APPENDIX H

Fault Tree Analysis of the

Conditional Probability of

Loss of Offsite Power and Station Blackout

APPENDIX H

Fault Tree Analysis of the Conditional Probability of Loss of Offsite Power and Station Blackout

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Appendix H.1

Fault Trees Used to Calculate Conditional Probabilities of Various LOSP Categories

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Appendix H.2

Cutsets for Conditional Probabilities of Various Categories of Loss of Offsite Power

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTST Analysis : RANDOM
System : LOSEP-L1F Case : ALTERNATE
Mincut Upper Bound : 8.839E-001

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
1	100.0	100.0	8.8E-001	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
2	100.0	0.0	6.0E-005	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
3	100.0	0.0	3.3E-005	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
4	100.0	0.0	1.4E-005	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
5	100.0	0.0	8.2E-006	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : LOSEP-LIF Case : ALTERNATE
Mincut Upper Bound : 8.839E-001

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
6	100.0	0.0	7.9E-006	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
7	100.0	0.0	5.3E-006	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
8	100.0	0.0	1.9E-006	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
9	100.0	0.0	1.9E-006	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
10	100.0	0.0	1.8E-006	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
11	100.0	0.0	9.9E-007	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A,

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTEST Analysis : RANDOM
System : LOSEP-L1F Case : ALTERNATE
Mincut Upper Bound : 8.839E-001

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
12	100.0	0.0	4.7E-007	/DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB,
				/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,
				/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
				/OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3,
				/OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2,
				/OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01,
				/OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J,
				/DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B,
				DCP-BAT-LP-BAT2A, DCP-BAT-LP-BAT2B,
13	100.0	0.0	2.4E-007	/DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12,
				/OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13,
				/OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3,
				/OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG1,
				/OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01,
				/OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J,
				ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A,
				/DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB,
				/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,
14	100.0	0.0	2.4E-007	/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
				/OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3,
				OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1,
				/OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01,
				/OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J,
				ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A,
				/DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB,
				/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,
				/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
15	100.0	0.0	5.9E-008	/OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3,
				OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG1,
				/OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01,
				/OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J,
				ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A,
				/DCP-BAT-LP-BAT1B, DCP-BAT-LP-BAT2B,
				/DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12,
				/OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13,
				/OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3,
16	100.0	0.0	5.9E-008	/OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG1,
				/OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01,
				/OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J,
				ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A,
				/DCP-BAT-LP-BAT1B, DCP-BAT-LP-BAT2A,
				/DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12,

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTEST	Analysis : RANDOM
System : LOSP-L1F	Case : ALTERNATE
Mincut Upper Bound : 8.839E-001	

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
				/OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTEST Analysis : RANDOM
System : LOSP-L2F Case : ALTERNATE
Mincut Upper Bound : 1.047E-001

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
1	19.4	19.4	2.0E-002	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03
2	38.7	19.3	2.0E-002	/ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
3	58.0	19.3	2.0E-002	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
4	68.5	10.5	1.1E-002	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03
5	79.1	10.5	1.1E-002	/ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
6	89.6	10.5	1.1E-002	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2A,

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTEST Analysis : RANDOM
System : LOSEP-L2F Case : ALTERNATE
Mincut Upper Bound : 1.047E-001

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
7	94.9	5.2	5.5E-003	/DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB,
				/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,
				/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
				/OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3,
				/OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2,
				OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01,
				/OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2J,
				/DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2B,
				/DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB,
				/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,
				/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
				/OEP-CRB-FT-15H3, /OEP-CRB-FT-25J3,
				/OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3,
8	97.5	2.6	2.7E-003	/OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03,
				OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2J,
				/DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2B,
				/DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB,
				/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,
				/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
				/OEP-CRB-FT-15H3, OEP-CRB-FT-25H3,
				/OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1,
				/OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01,
				/OEP-DGN-FS-DG03
				/ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2H,
				/DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A,
				/DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB,
9	100.0	2.6	2.7E-003	/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,
				/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
				OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3,
				/OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2,
				/OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02,
				/OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H,
				/ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A,
				/DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B,
				/DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB,
				/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,
				/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
				/OEP-CRB-FT-15H3, OEP-CRB-FT-15J3,
				/OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3,
10	100.0	2.5	2.6E-003	/OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2,
				/OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01,
				/OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03,
				/OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2J,
				/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A,
				/DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B,
				/DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB,
				/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,
				/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
				/OEP-CRB-FT-15H3, OEP-CRB-FT-15J3,
				/OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3,
				/OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2,
				/OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01,
11	100.0	0.6	6.6E-004	/OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03,
				/OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2J,

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : LOSP-L2F Case : ALTERNATE
Mincut Upper Bound : 1.047E-001

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
12	100.0	0.6	6.6E-004	/DCP-BAT-LP-BAT1A, DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2H, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
13	100.0	0.6	6.3E-004	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
14	100.0	0.0	8.3E-005	/ACP-BAC-ST-4KV1H, ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03
15	100.0	0.0	8.2E-005	ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : LOSEP-L2F Case : ALTERNATE
Mincut Upper Bound : 1.047E-001

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
16	100.0	0.0	7.9E-005	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
17	100.0	0.0	8.2E-006	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
18	100.0	0.0	1.9E-006	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
19	100.0	0.0	1.9E-006	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
20	100.0	0.0	4.7E-007	/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTEST Analysis : RANDOM
System : LOSP-L2F Case : ALTERNATE
Mincut Upper Bound : 1.047E-001

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
21	100.0	0.0	2.4E-007	/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
				/OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3,
				/OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2,
				/OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02,
				/OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, ACP-BAC-ST-4KV1J,
				/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A,
				/DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB,
				/DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12,
				/OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13,
				/OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3,
				/OEP-CRB-FT-25H3, OEP-CRB-FT-25J3,
				/OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2,
				/OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02,
22	100.0	0.0	2.4E-007	/OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H,
				ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A,
				/DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB,
				/DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12,
				/OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13,
				/OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3,
				OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3,
				/OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2,
				/OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02,
				/OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, ACP-BAC-ST-4KV1J,
				/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A,
				/DCP-BAT-LP-BAT2A, DCP-BAT-LP-BAT2B,
23	100.0	0.0	5.9E-008	/DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB,
				/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,
				/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
				/OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3,
				/OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2,
				/OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02,
				/OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H,
				ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A,
				DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A,
				/DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB,
				/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,
				/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
				/OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3,
24	100.0	0.0	5.9E-008	/OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2,
				/OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02,
				/OEP-DGN-MA-DG02
				/ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H,
				ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A,
				DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A,
				/DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB,
				/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,
				/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23,
				/OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3,
				/OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2,
				/OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02,
				/OEP-DGN-MA-DG02

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : LOSP-L3F Case : ALTERNATE
Mincut Upper Bound : 4.418E-003

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
1	18.2	18.2	8.0E-004	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, OEP-CCF-FS-DG23, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01
2	36.4	18.1	8.0E-004	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
3	46.9	10.5	4.6E-004	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-FS-DG02, OEP-DGN-FS-DG03
4	57.4	10.4	4.6E-004	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
5	63.1	5.7	2.5E-004	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG01, OEP-DGN-FS-DG03
6	68.8	5.7	2.5E-004	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, OEP-DGN-FS-DG02
7	74.5	5.7	2.5E-004	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
8	80.2	5.7	2.5E-004	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTEST Analysis : RANDOM
System : LOSEP-L3F Case : ALTERNATE
Mincut Upper Bound : 4.418E-003

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
9	83.4	3.1	1.3E-004	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG2, OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01
10	86.5	3.1	1.3E-004	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
11	89.4	2.8	1.2E-004	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-FS-DG03, OEP-DGN-MA-DG02
12	90.9	1.5	6.9E-005	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, OEP-DGN-MA-DG02
13	92.4	1.4	6.3E-005	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-FS-DG03
14	93.8	1.4	6.3E-005	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
15	95.2	1.4	6.3E-005	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
16	96.0	0.7	3.4E-005	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG3,

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTST Analysis : RANDOM
System : LOSP-L3F Case : ALTERNATE
Minout Upper Bound : 4.418E-003

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
17	96.8	0.7	3.4E-005	/OEP-DGN-FS-DG01 /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
18	97.6	0.7	3.4E-005	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-CRB-FT-25H3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
19	97.9	0.3	1.7E-005	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-MA-DG02
20	98.3	0.3	1.5E-005	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-FS-DG03
21	98.6	0.3	1.5E-005	/ACP-BAC-ST-4KV1J, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
22	99.0	0.3	1.5E-005	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
23	99.2	0.1	8.5E-006	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
24	99.4	0.1	8.3E-006	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3,

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : LOSEP-L3F Case : ALTERNATE
Mincut Upper Bound : 4.418E-003

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
25	99.5	0.1	8.2E-006	/OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01 /ACP-BAC-ST-4KV1J, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02 26 99.7 0.1 8.2E-006 /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02 27 99.8 0.0 4.1E-006 /ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-MA-DG02 28 99.9 0.0 2.0E-006 /ACP-BAC-ST-4KV1J, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02 29 99.9 0.0 2.0E-006 /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02 30 100.0 0.0 1.9E-006 /ACP-BAC-ST-4KV1H, ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-FS-DG03 31 100.0 0.0 1.8E-006 ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02 32 100.0 0.0 1.8E-006 /ACP-BAC-ST-4KV1J, ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13,

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SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : LOSEP-L3F Case : ALTERNATE
Mincut Upper Bound : 4.418E-003

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
33	100.0	0.0	1.0E-006	/OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02, /ACP-BAC-ST-4KV1H, ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01
34	100.0	0.0	1.0E-006	ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02, /ACP-BAC-ST-4KV1J, ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
35	100.0	0.0	1.0E-006	/ACP-BAC-ST-4KV1H, ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
36	100.0	0.0	5.1E-007	/ACP-BAC-ST-4KV1H, ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-MA-DG02
37	100.0	0.0	4.9E-007	/ACP-BAC-ST-4KV1J, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
38	100.0	0.0	2.5E-007	ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
39	100.0	0.0	2.5E-007	/ACP-BAC-ST-4KV1J, ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
40	100.0	0.0	1.9E-007	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12,

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTEST Analysis : RANDOM
System : LOSP-L3F Case : ALTERNATE
Mincut Upper Bound : 4.418E-003

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
41	100.0	0.0	1.2E-007	/OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, OEP-CRB-FT-15J3, OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-FS-DG02 /ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-FS-DG03
42	100.0	0.0	1.2E-007	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
43	100.0	0.0	1.0E-007	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, OEP-CRB-FT-15J3, OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG01
44	100.0	0.0	6.6E-008	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01
45	100.0	0.0	6.6E-008	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
46	100.0	0.0	6.1E-008	ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
47	100.0	0.0	6.1E-008	/ACP-BAC-ST-4KV1J, ACP-BAC-ST-4KV2H, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
48	100.0	0.0	4.5E-008	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A,

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SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : LOSP-L3F Case : ALTERNATE
Mincut Upper Bound : 4.418E-003

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
49	100.0	0.0	4.5E-008	DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-FS-DG02 /ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-FS-DG02
50	100.0	0.0	3.3E-008	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-MA-DG02
51	100.0	0.0	2.5E-008	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, OEP-CRB-FT-15J3, OEP-CRB-FT-25H3, OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01
52	100.0	0.0	2.4E-008	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG01
53	100.0	0.0	2.4E-008	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG01
54	100.0	0.0	1.6E-008	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, /DCP-CCF-LP-BT1AB, DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01
55	100.0	0.0	1.6E-008	/ACP-BAC-ST-4KV1J, /DCP-BAT-LP-BAT1B, /DCP-CCF-LP-BT1AB, DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-15J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTEST Analysis : RANDOM
System : LOSP-L3F Case : ALTERNATE
Mincut Upper Bound : 4.418E-003

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
56	100.0	0.0	1.1E-008	/ACP-BAC-ST-4KV1H, /DCP-BAT-LP-BAT1A, DCP-BAT-LP-BAT1B, DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT1AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CRB-FT-15H3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FS-DG01, OEP-DGN-FS-DG02

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : SBO-U1F Case : ALTERNATE
Mincut Upper Bound : 2.175E-003

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
1	36.8	36.8	8.0E-004	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
2	58.1	21.2	4.6E-004	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
3	69.7	11.5	2.5E-004	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG02, OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
4	81.3	11.5	2.5E-004	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
5	87.6	6.3	1.3E-004	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
6	90.5	2.9	6.3E-005	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG02, OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
7	93.3	2.7	6.0E-005	/ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
8	94.8	1.5	3.4E-005	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12,

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : SB0-U1F Case : ALTERNATE
Mincut Upper Bound : 2.175E-003

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
9	96.4	1.5	3.3E-005	/OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02, /ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
10	97.1	0.7	1.5E-005	/ACP-BAC-ST-4KV2H, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG02, OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
11	97.7	0.6	1.4E-005	/ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
12	98.1	0.3	8.2E-006	/ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
13	98.5	0.3	8.2E-006	/ACP-BAC-ST-4KV2H, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
14	98.9	0.3	7.9E-006	/ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123,

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SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : SBO-U1F Case : ALTERNATE
Mincut Upper Bound : 2.175E-003

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
15	99.1	0.2	5.3E-006	/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02 /ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
16	99.2	0.1	2.4E-006	/ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
17	99.3	0.0	1.9E-006	/ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
18	99.4	0.0	1.9E-006	/ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
19	99.5	0.0	1.8E-006	ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG02, OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
20	99.6	0.0	1.8E-006	ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB,

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTEST Analysis : RANDOM
System : SBO-U1F Case : ALTERNATE
Mincut Upper Bound : 2.175E-003

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
21	99.6	0.0	1.3E-006	/OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02 /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03
22	99.7	0.0	1.0E-006	ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02 /ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
23	99.7	0.0	9.9E-007	/ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02 /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03
24	99.8	0.0	7.6E-007	/ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03
25	99.8	0.0	7.6E-007	/ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03
26	99.8	0.0	5.8E-007	/ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1A, DCP-BAT-LP-BAT1B,
27	99.8	0.0	4.7E-007	

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : SBO-U1F Case : ALTERNATE
Mincut Upper Bound : 2.175E-003

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
28	99.9	0.0	4.1E-007	/DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02 /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03 29 99.9 0.0 3.8E-007 /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, OEP-DGN-MA-DG02 30 99.9 0.0 3.3E-007 /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03 31 99.9 0.0 2.4E-007 ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02 32 99.9 0.0 2.4E-007 ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02 33 99.9 0.0 2.0E-007 /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3,

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTEST Analysis : RANDOM
System : SBO-U1F Case : ALTERNATE
Mincut Upper Bound : 2.175E-003

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
34	99.9	0.0	1.9E-007	OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, OEP-DGN-MA-DG02 /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03
35	99.9	0.0	1.9E-007	/ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03
36	99.9	0.0	1.8E-007	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
37	100.0	0.0	1.8E-007	/ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03
38	100.0	0.0	1.8E-007	/ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03
39	100.0	0.0	1.2E-007	/ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03
40	100.0	0.0	1.2E-007	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG02, OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
41	100.0	0.0	1.0E-007	/ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123,

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : SB0-U1F Case : ALTERNATE
Mincut Upper Bound : 2.175E-003

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
42	100.0	0.0	1.0E-007	/OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
43	100.0	0.0	1.0E-007	/ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, OEP-DGN-MA-DG02
44	100.0	0.0	9.9E-008	ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CPB-FT-25J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03
45	100.0	0.0	9.1E-008	/ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03
46	100.0	0.0	7.2E-008	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
47	100.0	0.0	6.6E-008	
48	100.0	0.0	6.6E-008	

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTEST Analysis : RANDOM
System : SB0-U1F Case : ALTERNATE
Mincut Upper Bound : 2.175E-003

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
49	100.0	0.0	5.9E-008	ACP-BAC-ST-4KV1H, /ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
50	100.0	0.0	5.9E-008	ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2H, /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03, /OEP-DGN-MA-DG02
51	100.0	0.0	5.1E-008	/ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, OEP-DGN-MA-DG02
52	100.0	0.0	4.9E-008	/ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, OEP-DGN-MA-DG02
53	100.0	0.0	4.5E-008	/ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03
54	100.0	0.0	4.5E-008	/ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03
55	100.0	0.0	4.5E-008	/ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3,

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : SBO-U1F Case : ALTERNATE
Mincut Upper Bound : 2.175E-003

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
56	100.0	0.0	4.5E-008	OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03
57	100.0	0.0	4.5E-008	/ACP-BAC-ST-4KV2H, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
58	100.0	0.0	4.5E-008	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, /OEP-DGN-FR-6HDG2, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
59	100.0	0.0	4.1E-008	ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03
60	100.0	0.0	3.3E-008	/ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, OEP-DGN-MA-DG02
61	100.0	0.0	2.5E-008	/ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, OEP-CRB-FT-15J3, OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03
62	100.0	0.0	2.5E-008	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02
63	100.0	0.0	2.4E-008	/ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1A,

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : SBO-U1F Case : ALTERNATE
Mincut Upper Bound : 2.175E-003

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
64	100.0	0.0	2.4E-008	/DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV2H, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2A, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02 /ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25H3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02 ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03 ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3,
65	100.0	0.0	2.4E-008	
66	100.0	0.0	2.4E-008	
67	100.0	0.0	2.4E-008	
68	100.0	0.0	2.4E-008	
69	100.0	0.0	2.2E-008	
70	100.0	0.0	2.2E-008	

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : SBO-U1F Case : ALTERNATE
Mincut Upper Bound : 2.175E-003

Cut No.	% Total	% Cut Set	Prob/Freq.	ALTERNATE CUT SETS
71	100.0	0.0	1.6E-008	OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03 /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-25H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03
72	100.0	0.0	1.6E-008	/ACP-BAC-ST-4KV2H, /DCP-BAT-LP-BAT2A, DCP-CCF-LP-BT1AB, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG12, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25H3, OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG2, /OEP-DGN-FS-DG02, /OEP-DGN-MA-DG02 73 100.0 0.0 1.2E-008 ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG2, /OEP-DGN-FR-6H ^r G3, /OEP-DGN-FS-DG03 74 100.0 0.0 1.2E-008 /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15J3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, OEP-DGN-MA-DG02 75 100.0 0.0 1.2E-008 /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, OEP-CRB-FT-15H3, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, /OEP-DGN-FS-DG03, OEP-DGN-MA-DG02 76 100.0 0.0 1.1E-008 ACP-BAC-ST-4KV1J, /ACP-BAC-ST-4KV2J, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, /OEP-DGN-FS-DG03, OEP-DGN-MA-DG02 77 100.0 0.0 1.1E-008 /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1A, DCP-BAT-LP-BAT1B, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123, /OEP-CCF-FS-DG13, /OEP-CCF-FS-DG23, /OEP-CRB-FT-25J3, /OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02, /OEP-DGN-FS-DG03 78 100.0 0.0 1.1E-008 /ACP-BAC-ST-4KV2J, DCP-BAT-LP-BAT1B, DCP-BAT-LP-BAT2A, /DCP-BAT-LP-BAT2B, /DCP-CCF-LP-BT2AB, /OEP-CCF-FS-DG123,

SYSTEM CUT SETS (QUANTIFICATION) REPORT

Family : RHRTEST Analysis : RANDOM
System : SBO-U1F Case : ALTERNATE
 Mincut Upper Bound : 2.175E-003

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
79	100.0	0.0	1.0E-008	/ OEP-CCF-FS-DG13, / OEP-CCF-FS-DG23, / OEP-CRB-FT-25J3, / OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, / OEP-DGN-FS-DG03 / ACP-BAC-ST-4KV2H, DCP-BAT-LP-BAT1B, / DCP-BAT-LP-BAT2A, DCP-BAT-LP-BAT2B, / DCP-CCF-LP-BT2AB, / OEP-CCF-FS-DG12, / OEP-CCF-FS-DG123, / OEP-CCF-FS-DG23, / OEP-CRB-FT-25H3, / OEP-DGN-FR-6HDG2, OEP-DGN-FS-DG01, / OEP-DGN-FS-DG02, / OEP-DGN-MA-DG02

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7 of 7

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : SBO-U1U2 Case : ALTERNATE
Mincut Upper Bound : 5.563E-004

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
1	71.9	71.9	4.0E-004	OEP-CCF-FS-DG123
2	75.2	3.3	1.8E-005	OEP-CCF-FS-DG12, OEP-DGN-FS-DG03
3	78.5	3.3	1.8E-005	OEP-CCF-FS-DG13, OEP-DGN-FS-DG02
4	81.8	3.3	1.8E-005	OEP-CCF-FS-DG23, OEP-DGN-FS-DG01
5	83.7	1.9	1.0E-005	OEP-DGN-FS-DG01, OEP-DGN-FS-DG02, OEP-DGN-FS-DG03
6	85.6	1.8	1.0E-005	OEP-CCF-FS-DG12, OEP-DGN-FR-6HDG3
7	87.4	1.8	1.0E-005	OEP-CCF-FS-DG13, OEP-DGN-FR-6HDG2
8	89.2	1.8	1.0E-005	OEP-CCF-FS-DG23, OEP-DGN-FR-6HDG1
9	90.2	1.0	5.8E-006	OEP-DGN-FR-6HDG1, OEP-DGN-FS-DG02, OEP-DGN-FS-DG03
10	91.3	1.0	5.8E-006	OEP-DGN-FR-6HDG2, OEP-DGN-FS-DG01, OEP-DGN-FS-DG03
11	92.3	1.0	5.8E-006	OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, OEP-DGN-FS-DG02
12	93.2	0.9	5.0E-006	OEP-CCF-FS-DG13, OEP-DGN-MA-DG02
13	93.8	0.5	3.1E-006	OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG2, OEP-DGN-FS-DG03
14	94.4	0.5	3.1E-006	OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02
15	94.9	0.5	3.1E-006	OEP-DGN-FR-6HDG2, OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01
16	95.4	0.5	2.9E-006	OEP-DGN-FS-DG01, OEP-DGN-FS-DG03, OEP-DGN-MA-DG02
17	95.9	0.4	2.5E-006	OEP-CCF-FS-DG13, OEP-CRB-FT-25H3
18	96.3	0.4	2.5E-006	OEP-CCF-FS-DG23, OEP-CRB-FT-15H3
19	96.7	0.3	1.7E-006	OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG2, OEP-DGN-FR-6HDG3
20	96.9	0.2	1.5E-006	OEP-DGN-FR-6HDG1, OEP-DGN-FS-DG03, OEP-DGN-MA-DG02
21	97.2	0.2	1.5E-006	OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01, OEP-DGN-MA-DG02
22	97.5	0.2	1.4E-006	OEP-CRB-FT-15H3, OEP-DGN-FS-DG02, OEP-DGN-FS-DG03
23	97.8	0.2	1.4E-006	OEP-CRB-FT-25H3, OEP-DGN-FS-DG01, OEP-DGN-FS-DG03
24	97.9	0.1	8.6E-007	OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG3, OEP-DGN-MA-DG02
25	98.0	0.1	7.9E-007	OEP-CRB-FT-15H3, OEP-DGN-FR-6HDG2, OEP-DGN-FS-DG03
26	98.2	0.1	7.9E-007	OEP-CRB-FT-15H3, OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02
27	98.3	0.1	7.9E-007	OEP-CRB-FT-25H3, OEP-DGN-FR-6HDG1, OEP-DGN-FS-DG03
28	98.5	0.1	7.9E-007	OEP-CRB-FT-25H3, OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01
29	98.6	0.1	7.0E-007	OEP-CCF-FS-DG12, OEP-CCF-FS-DG13

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : SBO-U1U2 Case : ALTERNATE
Mincut Upper Bound : 5.563E-004

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS	
30	98.7	0.1	7.0E-007	OEP-CCF-FS-DG12,	OEP-CCF-FS-DG23
31	98.9	0.1	7.0E-007	OEP-CCF-FS-DG13,	OEP-CCF-FS-DG23
32	99.0	0.1	6.0E-007	DCP-BAT-LP-BAT1A,	OEP-CCF-FS-DG23
33	99.1	0.1	6.0E-007	DCP-BAT-LP-BAT2A,	OEP-CCF-FS-DG13
34	99.2	0.0	4.3E-007	OEP-CRB-FT-15H3,	OEP-DGN-FR-6HDG2,
				OEP-DGN-FR-6HDG3	
35	99.2	0.0	4.3E-007	OEP-CRB-FT-25H3,	OEP-DGN-FR-6HDG1,
				OEP-DGN-FR-6HDG3	
36	99.3	0.0	3.9E-007	OEP-CRB-FT-15H3,	OEP-DGN-FS-DG03,
				OEP-DGN-MA-DG02	
37	99.4	0.0	3.9E-007	OEP-CRB-FT-25J3,	OEP-DGN-FS-DG01,
				OEP-DGN-MA-DG02	
38	99.4	0.0	3.4E-007	DCP-BAT-LP-BAT1A,	OEP-DGN-FS-DG02,
				OEP-DGN-FS-DG03	
39	99.5	0.0	3.4E-007	DCP-BAT-LP-BAT2A,	OEP-DGN-FS-DG01,
				OEP-DGN-FS-DG03	
40	99.5	0.0	2.1E-007	OEP-CRB-FT-15H3,	OEP-DGN-FR-6HDG3,
				OEP-DGN-MA-DG02	
41	99.6	0.0	2.1E-007	OEP-CRB-FT-25J3,	OEP-DGN-FR-6HDG1,
				OEP-DGN-MA-DG02	
42	99.6	0.0	1.9E-007	OEP-CRB-FT-15H3,	OEP-CRB-FT-25H3,
				OEP-DGN-FS-DG03	
43	99.6	0.0	1.9E-007	DCP-BAT-LP-BAT1A,	OEP-DGN-FR-6HDG2,
				OEP-DGN-FS-DG03	
44	99.7	0.0	1.9E-007	DCP-BAT-LP-BAT1A,	OEP-DGN-FR-6HDG3,
				OEP-DGN-FS-DG02	
45	99.7	0.0	1.9E-007	DCP-BAT-LP-BAT2A,	OEP-DGN-FR-6HDG1,
				OEP-DGN-FS-DG03	
46	99.7	0.0	1.9E-007	DCP-BAT-LP-BAT2A,	OEP-DGN-FR-6HDG3,
				OEP-DGN-FS-DG01	
47	99.8	0.0	1.0E-007	OEP-CRB-FT-15H3,	OEP-CRB-FT-25H3,
				OEP-DGN-FR-6HDG3	
48	99.8	0.0	1.0E-007	DCP-BAT-LP-BAT1A,	OEP-DGN-FR-6HDG2,
				OEP-DGN-FR-6HDG3	
49	99.8	0.0	1.0E-007	DCP-BAT-LP-BAT2A,	OEP-DGN-FR-6HDG1,
				OEP-DGN-FR-6HDG3	
50	99.8	0.0	9.5E-008	DCP-BAT-LP-BAT1A,	OEP-DGN-FS-DG03,
				OEP-DGN-MA-DG02	
51	99.8	0.0	9.5E-008	DCP-BAT-LP-BAT2B,	OEP-DGN-FS-DG01,
				OEP-DGN-MA-DG02	
52	99.9	0.0	7.5E-008	ACP-BAC-ST-4KV1H,	OEP-CCF-FS-DG23
53	99.9	0.0	7.5E-008	ACP-BAC-ST-4KV2H,	OEP-CCF-FS-DG13
54	99.9	0.0	5.4E-008	OEP-CRB-FT-15H3,	OEP-CRB-FT-25J3,
				OEP-DGN-MA-DG02	
55	99.9	0.0	5.1E-008	DCP-BAT-LP-BAT1A,	OEP-DGN-FR-6HDG3,
				OEP-DGN-MA-DG02	
56	99.9	0.0	5.1E-008	DCP-BAT-LP-BAT2B,	OEP-DGN-FR-6HDG1,

SYSTEM CUT SETS (QUANTIFICATION) REPORT
Family : RHRTEST Analysis : RANDOM
System : SB0-U1U2 Case : ALTERNATE
Mincut Upper Bound : 5.563E-004

Cut No.	% Total	% Cut Set	Prob/ Freq.	ALTERNATE CUT SETS
57	99.9	0.0	4.7E-008	OEP-DGN-MA-DG02 DCP-BAT-LP-BAT1A, OEP-CRB-FT-25H3, OEP-DGN-FS-DG03
58	99.9	0.0	4.7E-008	DCP-BAT-LP-BAT2A, OEP-CRB-FT-15H3, OEP-DGN-FS-DG03
59	99.9	0.0	4.3E-008	ACP-BAC-ST-4KV1H, OEP-DGN-FS-DG02, OEP-DGN-FS-DG03
60	99.9	0.0	4.3E-008	ACP-BAC-ST-4KV2H, OEP-DGN-FS-DG01, OEP-DGN-FS-DG03
61	99.9	0.0	2.5E-008	DCP-BAT-LP-BAT1A, OEP-CRB-FT-25H3, OEP-DGN-FR-6HDG3
62	99.9	0.0	2.5E-008	DCP-BAT-LP-BAT2A, OEP-CRB-FT-15H3, OEP-DGN-FR-6HDG3
63	99.9	0.0	2.3E-008	ACP-BAC-ST-4KV1H, OEP-DGN-FR-6HDG2, OEP-DGN-FS-DG03
64	99.9	0.0	2.3E-008	ACP-BAC-ST-4KV1H, OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG02
65	99.9	0.0	2.3E-008	ACP-BAC-ST-4KV2H, OEP-DGN-FR-6HDG1, OEP-DGN-FS-DG03
66	100.0	0.0	2.3E-008	ACP-BAC-ST-4KV2H, OEP-DGN-FR-6HDG3, OEP-DGN-FS-DG01
67	100.0	0.0	1.5E-008	OEP-CCF-FS-DG12, OEP-CRB-FT-25J3, OEP-DGN-MA-DG02
68	100.0	0.0	1.3E-008	ACP-BAC-ST-4KV1H, OEP-DGN-FR-6HDG2, OEP-DGN-FR-6HDG3
69	100.0	0.0	1.3E-008	ACP-BAC-ST-4KV2H, OEP-DGN-FR-6HDG1, OEP-DGN-FR-6HDG3
70	100.0	0.0	1.3E-008	DCP-BAT-LP-BAT1A, OEP-CRB-FT-25J3, OEP-DGN-MA-DG02
71	100.0	0.0	1.3E-008	DCP-BAT-LP-BAT2B, OEP-CRB-FT-15H3, OEP-DGN-MA-DG02
72	100.0	0.0	1.1E-008	ACP-BAC-ST-4KV1H, OEP-DGN-FS-DG03, OEP-DGN-MA-DG02
73	100.0	0.0	1.1E-008	ACP-BAC-ST-4KV2J, OEP-DGN-FS-DG01, OEP-DGN-MA-DG02
74	100.0	0.0	1.1E-008	DCP-BAT-LP-BAT1A, DCP-BAT-LP-BAT2A, OEP-DGN-FS-DG03

Appendix H.3

Fault Trees Used for Calculating the Probability of 1H Bus Failure in L2 and L3 Initiators

Appendix H.4

**Fault Trees Used in Uncertainty Analyses
of LOSP Initiating Frequencies**

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Appendix H.5

Results of Uncertainty Analysis of LOSP Initiating Frequencies for L1, L2, L3, B1 and B2

Family
RHRTEST

UNCERTAINTY DATA

System
L1UNCFT

Option |C| Exit / Current Quantile Values / Base Quantile Values

	Base		
Mean	-----E----	Median	-----E----
Std. Dev	-----E----	Skewness	-----E----
5th %	-----E----	Minimum	-----E----
95th %	-----E----	Maximum	-----E----
		Mincut	-----E----
		Kurtosis	-----E----
		Seed	-----
		Samples	-----
Size Cutoff	--	Probability Cutoff	-----E----

	Current		
Mean	6.161E-006	Median	4.720E-006
Std. Dev	5.009E-006	Skewness	2.503E+000
5th %	1.475E-006	Minimum	2.975E-008
95th %	1.587E-005	Maximum	4.324E-005
		Mincut	6.153E-006
		Kurtosis	1.289E+001
		Seed	41537
		Samples	500
Size Cutoff	--	Probability Cutoff	1.000E-010

Family
RHRTEST

UNCERTAINTY DATA

System
L2UNCFT

Option |C| Exit / Current Quantile Values / Base Quantile Values

		Base			
Mean	-----E----	Median	-----E----	Mincut	-----E----
Std. Dev	-----E----	Skewness	-----E----	Kurtosis	-----E----
5th %	-----E----	Minimum	-----E----	Seed	-----
95th %	-----E----	Maximum	-----E----	Samples	-----
Size Cutoff		--	Probability Cutoff -----E----		

		Current			
Mean	7.050E-007	Median	4.792E-007	Mincut	7.641E-007
Std. Dev	7.816E-007	Skewness	4.204E+000	Kurtosis	3.191E+001
5th %	1.161E-007	Minimum	4.623E-008	Seed	41537
95th %	1.952E-006	Maximum	8.799E-006	Samples	500
Size Cutoff		--	Probability Cutoff 1.000E-010		

Family
RHRTEST

UNCERTAINTY DATA

System
L3UNCFT

Option |C| Exit / Current Quantile Values / Base Quantile Values

		Base			
Mean	-----E----	Median	-----E----	Mincut	-----E----
Std. Dev	-----E----	Skewness	-----E----	Kurtosis	-----E----
5th %	-----E----	Minimum	-----E----	Seed	-----
95th %	-----E----	Maximum	-----E----	Samples	-----
Size Cutoff		--	Probability Cutoff		-----E----

		Current			
Mean	4.186E-008	Median	1.902E-008	Mincut	3.044E-008
Std. Dev	1.183E-007	Skewness	1.571E+001	Kurtosis	3.034E+002
5th %	4.167E-009	Minimum	1.674E-009	Seed	41537
95th %	1.472E-007	Maximum	2.372E-006	Samples	500
Size Cutoff		--	Probability Cutoff		1.000E-010

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Family
RHRTEST

UNCERTAINTY DATA

System
B1UNCFT

Option |c| Exit / Current Quantile Values / Base Quantile Values

		Base			
Mean	-----E----	Median	-----E----	Mincut	-----E----
Std. Dev	-----E----	Skewness	-----E----	Kurtosis	-----E----
5th %	-----E----	Minimum	-----E----	Seed	-----
95th %	-----E----	Maximum	-----E----	Samples	-----
Size Cutoff		--	Probability Cutoff	-----E----	

		Current			
Mean	1.730E-008	Median	9.047E-009	Mincut	1.480E-008
Std. Dev	2.556E-008	Skewness	4.290E+000	Kurtosis	2.843E+001
5th %	1.927E-009	Minimum	+0.000E+000	Seed	41537
95th %	6.182E-008	Maximum	2.391E-007	Samples	500
Size Cutoff		--	Probability Cutoff	1.000E-010	

Family
RHRTEST

UNCERTAINTY DATA

System
B2UNCFT

Option |C| Exit / Current Quantile Values / Base Quantile Values

	Base		
Mean	-----E----	Median	-----E----
Std. Dev	-----E----	Skewness	-----E----
5th %	-----E----	Minimum	-----E----
95th %	-----E----	Maximum	-----E----
Size Cutoff	--	Probability Cutoff	-----E----

	Current		
Mean	3.082E-009	Median	2.063E-009
Std. Dev	3.356E-009	Skewness	3.472E+000
5th %	4.783E-010	Minimum	9.092E-011
95th %	9.337E-009	Maximum	3.181E-008
Size Cutoff	--	Probability Cutoff	1.000E-010

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