ENGINEERING CHANGE NOTICE

S

Page 1 of 2

1. ECN 659127

Proj.
ECN

2. ECN Category (mark one) Supplemental ☐ Direct Revision ☒ Change ECN ☐ Temporary ☐ Standby ☐ Supersedure ☐ Cancel/Void ☐		3. Originator's Name, Organization, MSIN, and Telephone No. D. B. Engelman, SNF Engineering, X4-01, 373-3452		4. USQ Required? ☒ Yes ☒ No Yes MM 9/29/00		5. Date 09/27/2000	
		6. Project Title/No./Work Order No. W-441, SNF CVD Facility		7. Bldg./Sys./Fac. No. BLDG 142K EP		8. Approval Designator E, S, & Q	
		9. Document Numbers Changed by this ECN (includes sheet no. and rev.) SNF-5484, Rev. 0		10. Related ECN No(s). 9/29/00 N/A		11. Related PO No. N/A	
12a. Modification Work ☐ Yes (fill out Blk. 12b) ☒ No (NA Blks. 12b, 12c, 12d)		12b. Work Package No. N/A		12c. Modification Work Completed N/A Design Authority/Cog. Engineer Signature & Date		12d. Restored to Original Condition (Temp. or Standby ECNs only) N/A Design Authority/Cog. Engineer Signature & Date	
13a. Description of Change Issue revision to SNF-5484, Revision 0, "Cold Vacuum Drying Facility Acceptance for Beneficial Use." The Acceptance for Beneficial Use checklist and document listing have been updated to reflect the current status of technical baseline documentation.				13b. Design Baseline Document? ☐ Yes ☒ No			
Note: A categorical exclusion to the USQ process applies to this document in accordance with Administrative Procedure NS-001-13, Appendix C, Item H. MM 9/29/00 NS-04-001 JRL 9/24/00 CVD-00-1947 MM 9/28/00							
14a. Justification (mark one) Criteria Change ☐ Design Improvement ☐ Environmental ☐ Facility Deactivation ☐ As-Found ☐ Facilitate Const. ☒ Const. Error/Omission ☐ Design Error/Omission ☐		14b. Justification Details					
15. Distribution (include name, MSIN, and no. of copies) see distribution sheet				RELEASE STAMP OCT 2 2000 DATE: STA. # 19 HANFORD RELEASE ID: (15)			

ENGINEERING CHANGE NOTICE

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1. ECN (use no. from pg. 1)

659127

16. Design Verification Required

☐ Yes

☒ No

17. Cost Impact

ENGINEERING

Additional ☐ \$ N/A

Savings ☐ \$ N/A

CONSTRUCTION

Additional ☐ \$ N/A

Savings ☐ \$ N/A

18. Schedule Impact (days)

Improvement ☐ N/A

Delay ☐ N/A

19. Change Impact Review: Indicate the related documents (other than the engineering documents identified on Side 1) that will be affected by the change described in Block 13. Enter the affected document number in Block 20.

SDD/DD	☐	Seismic/Stress Analysis	☐	Tank Calibration Manual	☐
Functional Design Criteria	☐	Stress/Design Report	☐	Health Physics Procedure	☐
Operating Specification	☐	Interface Control Drawing	☐	Spares Multiple Unit Listing	☐
Criticality Specification	☐	Calibration Procedure	☐	Test Procedures/Specification	☐
Conceptual Design Report	☐	Installation Procedure	☐	Component Index	☐
Equipment Spec.	☐	Maintenance Procedure	☐	ASME Coded Item	☐
Const. Spec.	☐	Engineering Procedure	☐	Human Factor Consideration	☐
Procurement Spec.	☐	Operating Instruction	☐	Computer Software	☐
Vendor Information	☐	Operating Procedure	☐	Electric Circuit Schedule	☐
OM Manual	☐	Operational Safety Requirement	☐	ICRS Procedure	☐
FSAR/SAR	☐	IEFD Drawing	☐	Process Control Manual/Plan	☐
Safety Equipment List	☐	Cell Arrangement Drawing	☐	Process Flow Chart	☐
Radiation Work Permit	☐	Essential Material Specification	☐	Purchase Requisition	☐
Environmental Impact Statement	☐	Fac. Proc. Samp. Schedule	☐	Tickler File	☐
Environmental Report	☐	Inspection Plan	☐	None	☒
Environmental Permit	☐	Inventory Adjustment Request	☐		☐

20. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below.

Document Number/Revision

Document Number/Revision

Document Number/Revision

N/A

N/A

N/A

21. Approvals

Signature

Date

Signature

Date

X3-78 Design Authority G. Singh 9/28/02

Cog. Eng. _____

X4-01 Cog. Mgr. D. B. Engelmann 9/28/00

X2-80 QA R. P. Ruth 9/29/00

X3-78 Safety D. C. Mobley 9/28/00

X2-78 Environ. D. J. Watson 9/28/00

X3-78 Other DA - C. R. Miska 9/28/00

X3-78 DA - R. Whitehurst 9/28/00

X3-78 DA - J. J. Irwin 9/28/2000

X3-78 Work Control - R. A. Bilsch 9/28/00

X4-01 Project Mgr - J. E. Crocker 9/28/00

X3-78 Ops - J. R. Gregory 9/29/00

X4-01 Startup - R. D. Shaffer 9/28/00

X3-78 CSHALLER 9/28/00

X3-79 NS - CT Miller 9/29/00

Design Agent _____

PE _____

QA _____

Safety _____

Design _____

Environ. _____

Other _____

DEPARTMENT OF ENERGY

Signature or a Control Number that tracks the Approval Signature

ADDITIONAL

DISTRIBUTION SHEET

To
Distribution

From
D.B.Engelman, SNF Engineering

Page 1 of 1

Date 10/4/2000

Project Title/Work Order
Cold Vacuum Drying Facility Acceptance for Beneficial Use

EDT No. 659127

ECN No.

[illegible]

Cold Vacuum Drying Facility Acceptance for Beneficial Use

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Project Hanford Management Contractor for the
U.S. Department of Energy under Contract DE-AC06-96RL13200

Fluor Hanford

P.O. Box 1000
Richland, Washington

SNF-5484
Revision 1
ECN 659127

S

Cold Vacuum Drying Facility Acceptance for Beneficial Use

Project No: W-441

Document Type: ABU

Division: SNF

D. B. Engelman
Fluor Hanford

Date Published
September 2000

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Project Hanford Management Contractor for the
U.S. Department of Energy under Contract DE-AC06-96RL13200

Fluor Hanford

P.O. Box 1000
Richland, Washington

Janis Braden
Release Approval

10/2/00
Date

Release Stamp

SNF-5484
Rev 1

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Printed in the United States of America

Total Pages: 168

COLD VACUUM DRYING FACILITY ABU CHECKLIST

Documentation Required For Acceptance For Beneficial Use

DESCRIPTION	RESPONS.	DESCRIPTION	RESPONS.
ENGINEERING:		ADP	
N/A Engineering Task Plan	N/A	23 Software Config Mgmt Plan	Facility Engrg
N/A Activity Schedule	N/A	24. Software Reqmts Spec	Facility Engrg
1. Final Safety Analysis Report	Nuclear Safety	25. Software Design Description	Facility Engrg
N/A Interim Safety Basis	N/A	26. Software Validation/Verif	Facility Engrg
N/A Safety Assessment	N/A	27. Software User Manual	Facility Engrg
2. Safety Equipment List	Facility Engrg		
3. Operational Safety Documents	Facility Engrg	TRAINING	
4 Design Criteria	Facility Engrg	28. Training Plan	Training
5 System Design Description	Facility Engrg	29. Training Manuals	Training
6 Test Plan/Specifications	Facility Engrg	30. Training to Operating Crews	Training
7 Construction Acceptance Tests- Procedures & Reports	Startup	31. Training to Maint. Crews	Training
7A. Factory Acceptance Tests	Facility Engrg		
7B. Code Data Reports	Facility Engrg		
8. Pre-Operational Tests- Procedures & Reports	Startup	N/A Training Mockup	N/A
9 Environmental Impact Statement	Environmental		
N/A Environmental Reports	N/A	OPERATIONS/MAINTENANCE	
10 Environmental Permits- NOC	Environmental		
N/A Hazardous Waste Disposal	N/A	32. Operations & Maint Manuals- found in VI Files	Facility Engrg
11 Solid Waste Disposal Plan	Operations	33. Operating Procedures	Procedures
12 Supporting Calculations	Facility Engrg	34. Surveillance Procedures	Facility Engrg
13 Stress/Design Report	Facility Engrg	35. Calibration Procedures	Facility Engrg
		35A. Commercial Grade Items Upgrade	Facility Engrg
14 Design Spec/Report	Facility Engrg	36. Preventive Maint. Procedures	Facility Engrg
N/A Equipment Specifications	N/A	37. Repair & Maint. Procedures	Facility Engrg
15 Procurement Specifications	Facility Engrg	38. Functional Check Procedures	Facility Engrg
16 Construction Specifications	Facility Engrg	39. PM/S system	Work Control
N/A Essential Matl Specs	N/A	N/A Property/Custody Mgmt	N/A
17 Final Design Drawings	Facility Engrg		
18. Master Equipment List	Facility Engrg		
N/A Installation Drawings	N/A	QUALITY ASSURANCE	
N/A Installation Work Plan	N/A	40. Inspection Plans	QA
19 As-Built Drawings	Facility Engrg	41. QAPP	QA
N/A Interface Control Drawings	N/A	N/A QAPJP	N/A
N/A IEFD Drawings	N/A		
20 Piping and Instrumentation Drawings	Facility Engrg	PROCUREMENT	
21. Drawing Tree	Facility Engrg	42. Vendor Information Files	Facility Engrg
N/A Incorporate Outstanding Project Generated ECNs	N/A	43. Comprehensive Equip. List	Facility Engrg
22. Interface Control Docs	Facility Engrg	44. Spare Parts List	N/A

General

ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
1	Final Safety Analysis Report (FSAR)	HNF-3553	1	Spent Nuclear Fuel Project Final Safety Analysis Report	08/09/00		Approved by RL but not implemented	D8391494		
1	Final Safety Analysis Report			Spent Nuclear Fuel Project Safety Basis Implementation Plan	05/01/00		Approved by PRC			
2	Safety Equipment List (SEL)	HNF-SD-SNF-SEL-002	8	Cold Vacuum Drying Facility Safety Equipment List	09/02/00	ECN 652291	Approved in RMIS	D8419395		
3	Operational Safety Documents	HNF-3673	1	Cold Vacuum Drying Facility Technical Safety Requirements (TSR)	08/08/00	ECN 659311	Approved by RL but not implemented	D8388744		
3	Operational Safety Documents	N/R		Interim Safety Basis (ISB)			Not Required.			
3A	ALARA	SNF-4207	0	Design Features of the Cold Vacuum Drying Facility to Keep Worker Doses As Low As Reasonably Achievable (ALARA)	4/1/99		Approved - Released and Controlled in the Hanford Document Control System	D199066454		
4	Design Criteria	HNF-SD-SNF-DRD-002	4	Cold Vacuum Drying Facility Design Requirements	4/1/99		Approved - Released and Controlled in the Hanford Document Control System	D199064176		
4	Design Criteria	HNF-SD-SNF-TM-001	0	Cold Vacuum Drying Facility Technical Manual	07/10/97		Approved - Released and Controlled in the Hanford Document Control System. Draft Revision filed in RMIS 3/31/99.	D197276646		
4	Design Criteria	WHC-SD-SNF-FRD-020	0	K Basin Spent Nuclear Fuel Cold Vacuum Drying Facility Functions & Requirements	7/1/96		Approved - Released and Controlled in the Hanford Document Control System	D196142754		
5	System Design Description	SNF-3060	0	Cold Vacuum Drying Facility Personnel Monitoring System Design Description (System 05)	06/17/99		Approved - Released and Controlled in the Hanford Document Control System	D199118912		
5	System Design Description	SNF-3061	0	Cold Vacuum Drying Facility Civil-Structural System Design Description (System 06)	07/06/99		Approved - Released and Controlled in the Hanford Document Control System	D199132938	6.1	
5	System Design Description	SNF-3062	1	Cold Vacuum Drying Facility Vacuum Pumping System Design Description (System 7.1)	06/21/99		Approved - Released and Controlled in the Hanford Document Control System	D199121914		
5	System Design Description	SNF-3063	1	Cold Vacuum Drying Facility Residual Gas Monitoring System Design Description (System 7.2)	06/21/99		Approved - Released and Controlled in the Hanford Document Control System	D199121920		
5	System Design Description	SNF-3064	0	Cold Vacuum Drying Facility Helium Mass Spectrometer Leak Detector System Design Description	06/21/99		Approved - Released and Controlled in the Hanford Document Control System	D199121889	13	
5	System Design Description	SNF-3065	0	Cold Vacuum Drying Facility Communications System Design Description (System 11)	06/17/99		Approved - Released and Controlled in the Hanford Document Control System	D199118924	11	
5	System Design Description	SNF-3066	1	Cold Vacuum Drying Facility Instrument Air System Design Description (System 12)	06/05/00		Approved - Released and Controlled in the Hanford Document Control System	D8320625		
5	System Design Description	SNF-3067	1	Cold Vacuum Drying Facility General Service Helium System Design Description (System 13.1)	04/20/00		Approved - Released and Controlled in the Hanford Document Control System	D8277546	13.1	
5	System Design Description	SNF-3068	1	Cold Vacuum Drying Facility Safety Class Helium System Design Description (System 13.2)	07/15/99		Approved - Released and Controlled in the Hanford Document Control System	D198222392	13.2	
5	System Design Description	SNF-3072	1	Cold Vacuum Drying Facility Crane and Hoist System Design Description (System 14)	06/07/00		Approved - Released and Controlled in the Hanford Document Control System	D8324300	14	

General

ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
5	System Design Description	SNF-3073	1	Cold Vacuum Drying Facility Effluent Drain System Design Description (System 18)	05/11/00		Approved - Released and Controlled in the Hanford Document Control System	D8298747	18	
5	System Design Description	SNF-3074	1	Cold Vacuum Drying Facility Condensate Collection System Design Description (System 19)	06/16/00		Approved - Released and Controlled in the Hanford Document Control System	D8334066	19	
5	System Design Description	SNF-3075	1	Cold Vacuum Drying Facility Electrical System Design Description (System 20)	05/01/00		Approved - Released and Controlled in the Hanford Document Control System	D8287034	20	
5	System Design Description	SNF-3076	0	Cold Vacuum Drying Facility Specialty Equipment and Special Tools System Design Description (System 100)	06/21/99		Approved - Released and Controlled in the Hanford Document Control System	D199121895		
5	System Design Description	SNF-3077	1	Cold Vacuum Drying Facility Fire Protection System Design Description (System 24)	08/14/00		Approved - Released and Controlled in the Hanford Document Control System	D8397042	24	
5	System Design Description	SNF-3078	0	Cold Vacuum Drying Facility Deionized Water System Design Description (System 25)	07/02/99		Approved - Released and Controlled in the Hanford Document Control System	D199131792	25	
5	System Design Description	SNF-3079	0	Cold Vacuum Drying Facility Potable Water System Design Description (System 26)	07/02/99		Approved - Released and Controlled in the Hanford Document Control System	D199131797	26	
5	System Design Description	SNF-3080	0	Cold Vacuum Drying Facility Sanitary Sewage Collection System Design Description (System 27)	07/02/99		Approved - Released and Controlled in the Hanford Document Control System	D199131801	27	
5	System Design Description	SNF-3081	0	Cold Vacuum Drying Facility HVAC System Design Description (System 30)	07/02/99		Approved - Released and Controlled in the Hanford Document Control System	D199131804	30	
5	System Design Description	SNF-3082	2	Cold Vacuum Drying Facility Process Water Conditioning System Design Description (System 46)	08/01/00		Approved - Released and Controlled in the Hanford Document Control System	D8386609	46.1	
5	System Design Description	SNF-3083	1	Cold Vacuum Drying Facility Cask/MCO Handling System Design Description (System 94)	06/21/99		Approved - Released and Controlled in the Hanford Document Control System	D199121746	94	
5	System Design Description	SNF-3085	1	Cold Vacuum Drying Facility Tempered Water and Tempered Water Cooling System Design Description (System 47.1)	06/21/99		Approved - Released and Controlled in the Hanford Document Control System	D199121926		
5	System Design Description	SNF-3086	1	Cold Vacuum Drying Facility Chilled Water System Design Description (System 47.3)	06/21/99		Approved - Released and Controlled in the Hanford Document Control System	D199121931		
5	System Design Description	SNF-3087	2	Cold Vacuum Drying Facility Vacuum Pumping System Chilled Water System Design Description (System 47.4)	06/13/00		Approved - Released and Controlled in the Hanford Document Control System	D8329150		
5	System Design Description	SNF-3088	0	Cold Vacuum Drying Facility Stack Monitoring System Design Description (System 50)	06/16/99		Approved - Released and Controlled in the Hanford Document Control System	D199113734	50	
5	System Design Description	SNF-3089	1	Cold Vacuum Drying Facility Security System Design Description (System 54)	09/11/00		Approved - Released and Controlled in the Hanford Document Control System	D8429466	54	
5	System Design Description	SNF-3090	0	Cold Vacuum Drying Facility Monitoring and Control System Design Description (System 93.1)	12/01/99		Approved - Released and Controlled in the Hanford Document Control System	D199123986		
5	System Design Description	SNF-3091	1	Cold Vacuum Drying Facility Safety Class Instrumentation and Control System Design Description (System 93.2)	12/01/99		Approved - Released and Controlled in the Hanford Document Control System	D8153614		
6	Test Plan/Specifications	SNF-441-TS-005-1		Health Protection (HP)			Controlled by Startup	Not in RMIS		

General

ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
6	Test Plan/Specifications	SNF-441-TS-005-2	1	O2 Monitoring (RM)	08/22/98		Controlled by Startup	Not in RMIS	5.1	
6	Test Plan/Specifications	SNF-441-TS-006		Telescoping Doors/Roll-up (Facility Buildings)			Controlled by Startup	Not in RMIS		
6	Test Plan/Specifications	SNF-441-TS-007-1		Vacuum Purge System Bay 2			Controlled by Startup	Not in RMIS	7.1	
6	Test Plan/Specifications	SNF-441-TS-007-2		Vacuum Purge System Bay 3			Controlled by Startup	Not in RMIS	7.1	
6	Test Plan/Specifications	SNF-441-TS-007-3		Vacuum Purge System Bay 4			Controlled by Startup	Not in RMIS	7.1	
6	Test Plan/Specifications	SNF-441-TS-007-4		Vacuum Purge System Bay 5			Controlled by Startup	Not in RMIS	7.1	
6	Test Plan/Specifications	SNF-441-TS-007-5		Simulated MCO Processing			Controlled by Startup	Not in RMIS	94	
6	Test Plan/Specifications	SNF-441-TS-011		Communication / HLAN			Controlled by Startup	Not in RMIS	11	
6	Test Plan/Specifications	SNF-441-TS-012	1	Compressed Air / Instrument Air (CA/IA)	11/01/99		Controlled by Startup	Not in RMIS	12	
6	Test Plan/Specifications	SNF-441-TS-013-1		Helium			Controlled by Startup	Not in RMIS	13	
6	Test Plan/Specifications	SNF-441-TS-013-2		Safety Class Helium			Controlled by Startup	Not in RMIS	13.2	
6	Test Plan/Specifications	SNF-441-TS-014		Cranes / Hoists			Controlled by Startup	Not in RMIS	14	
6	Test Plan/Specifications	SNF-441-TS-018	0	Drainage Systems	01/27/99		Controlled by Startup	Not in RMIS		
6	Test Plan/Specifications	SNF-441-TS-020-1		Electrical Power Distribution & Misc.			Controlled by Startup	Not in RMIS	20.1	
6	Test Plan/Specifications	SNF-441-TS-020-4		UPS			Controlled by Startup	Not in RMIS	20.4	
6	Test Plan/Specifications	SNF-441-TS-020-5	0	Heat Trace	01/25/99		Controlled by Startup	Not in RMIS		
6	Test Plan/Specifications	SNF-441-TS-024		Fire Protection / Detection			Controlled by Startup	Not in RMIS	24	
6	Test Plan/Specifications	SNF-441-TS-025		De-Ionized Waster (DI)			Controlled by Startup	Not in RMIS	25	
6	Test Plan/Specifications	SNF-441-TS-026	1	Potable Water	01/27/99		Controlled by Startup	Not in RMIS	26	
6	Test Plan/Specifications	SNF-441-TS-027	1	Sewage Water System (SANS)	08/17/00		Controlled by Startup	Not in RMIS	27	
6	Test Plan/Specifications	SNF-441-TS-030-1		HVAC-A Admin Bldg.			Controlled by Startup	Not in RMIS	30.1	
6	Test Plan/Specifications	SNF-441-TS-030-2		HVAC-B Process Bay Recirc Supply and Exhaust			Controlled by Startup	Not in RMIS	30.2	
6	Test Plan/Specifications	SNF-441-TS-030-3A		HVAC-C Process Bay Local Exhaust			Controlled by Startup	Not in RMIS	30.3	
6	Test Plan/Specifications	SNF-441-TS-030-3B		HVAC-C Process Bay Local Exhaust Process Hood			Controlled by Startup	Not in RMIS	30.3	
6	Test Plan/Specifications	SNF-441-TS-030-5		Reference Air System			Controlled by Startup	Not in RMIS	30.5	
6	Test Plan/Specifications	SNF-441-TS-046		Process Water Conditioning			Controlled by Startup	Not in RMIS	46.1	
6	Test Plan/Specifications	SNF-441-TS-047-1		Tempered Water (Annulus) (TW)			Controlled by Startup	Not in RMIS		
6	Test Plan/Specifications	SNF-441-TS-047-2		Tempered Water Cooling (TWC)			Controlled by Startup	Not in RMIS		
6	Test Plan/Specifications	SNF-441-TS-047-3	2	Chilled Water	03/16/00		Controlled by Startup	Not in RMIS		
6	Test Plan/Specifications	SNF-441-TS-047-4		Vacuum Purge System Chilled Water (VPSCHW)			Controlled by Startup	Not in RMIS	7.1	
6	Test Plan/Specifications	SNF-441-TS-050-1		Stack Monitoring (SM) Phase 1			Controlled by Startup	Not in RMIS	50	
6	Test Plan/Specifications	SNF-441-TS-054/55		Security			Controlled by Startup	Not in RMIS	54	
6	Test Plan/Specifications	SNF-441-TS-093-1		Monitoring and Control System (MCS)			Controlled by Startup	Not in RMIS	93.1	
6	Test Plan/Specifications	SNF-441-TS-093-2		Safety Class Instrumentation (SCIC)			Controlled by Startup	Not in RMIS	93.2	
7	Construction Acceptance Tests - Procedures and Reports	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7B	Code Data Reports	SNF-7038		CVDF ASME Sec. VIII Pressure Vessel Code Data Summary			Document not released. Still in Progress			
9	Environmental Impact Statement	DOE-EIS-0245F		Management of Spent Nuclear Fuel from the K Basins at the Hanford Site Richland, Washington	01/01/96		Approved Document available in RMIS	S9600684		

General

ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
9	Environmental Impact Statement	DOE-EIS-0245-SA1		Supplemental Analysis of Environmental Effects of Changes in DOE Preferred Alternative for Management of Spent Nuclear Fuel from the K Basins at the Hanford Site, Richland, Washington	08/01/98		Approved Document available in RMIS	S1000893		
10	Environmental Permit	9952419		Response to Submittal "97-EAP-107" Concerning a Notice of Construction for the Cold Vacuum Drying Facility, Project W-441	01/10/97		USEPA Approval Letter from AJ Frankel to JE Rasmussen	D199079673		
10	Environmental Permit	0003938/00-OSS-419	0	Request to DOH to expand Use of CVD Sanitary Waste Temporary Holding Tank	07/20/00		Request to add operations support trailer.	D8369087		
10	Environmental Permit	97NIM-022		Department of Ecology, Toxic Air Permit Approval Order	03/07/97		Ecology Approval Order	Not in RMIS		
10	Environmental Permit	9955562/AIR-99-804	0	Approval of Notice of Construction for the Cold Vacuum Drying Facility Phase II, Project W-441, Revision 1	08/05/99		WDOH Approval Letter AIR 99-804	D199151947		
10	Environmental Permit	DOE-96-110	1	NOC Revision Form	08/22/00		NOC Revision describing ASME N509 Deviations and Figure Updates			
10	Environmental Permit	DOE-RL-96-100	0	State of Washington Department of Ecology Toxic Air Pollutants Phase II Notice of Construction for the Hanford Site Spent Nuclear Fuel Project - Cold Vacuum Drying Facility, Project W-441	01/01/97		Approved Document available in RMIS	D197086371		
10	Environmental Permit	DOERL-96-110	1	NOC Revision Form	03/21/00		NOC Revision adjusting for bearing life			
10	Environmental Permit	DOE-RL-96-110	0	Cold Vacuum Drying Notice of Construction	05/01/99			S2980321		
10	Environmental Permit			Final DOH Inspection; CVD Sanitary Waste Temporary Holding Tank	04/22/00		Final Inspection and authorization to operate			
11	Solid Waste Disposal Plan/Procedure	WM-5-010	2	SNF Project Solid Waste Disposal Plan			Reene' Rodriguez has a punch list of actions that need to occur before movement of waste. Of the 48 punch list items, 33 have been completed with the remaining items scheduled for a completion date of late September.	Not in RMIS		
12	Supporting Calculation	8M730-JSL-95-001		Dose Rate Calculational Summary For N-Reactor Fuel in K-Basin Casks and K-Basin Loadout Pit, Memo. Westinghouse Hanford Company, Richland, Washington.	11/29/95		Available in CVD Library. To be transmitted to project files at turnover.	Not in RMIS	94	
12	Supporting Calculation	HNF-1506	0	Thermal Analysis of Thermogravimetric Measurements of Spent Nuclear Fuel Oxidation Rates E.R. Cramer Numatec Hanford Company, Richland Washington	10/09/97		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-1523	1	K-Basins Particulate Water Content, Behavior, and Impact, D.R.Durcan and D.R.Bali, EDT 616191, Duke Engineering & Services Hanford Inc., Richland, WA. (Contains as an attachment K-Basins Particulate Water Content Behavior).	10/23/98		Approved - Released and Controlled in the Hanford Document Control System			

General

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12	Supporting Calculation	HNF-1527 Replaced HNF-SD-SNF-CN-008	3	<i>Estimates of Particulate Mass in Multi-canister Overpacks</i> , D. L. Sherrell, EDT #648605, Duke Engineering & Services Hanford Inc., Richland, WA.	10/22/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-1851	2A	<i>Cold Vacuum Drying Residual Free Water Test Description</i> , A. L. Rajunen, ECN #653484, Duke Engineering and Services Hanford, Richland, Washington.	05/24/99		Approved - Released and Controlled in the Hanford Document Control System	D199104069		
12	Supporting Calculation	HNF-1888	0	<i>Cold Vacuum Drying Facility Multi-Canister Overpack Thermal Runaway Reaction Calculation</i> , M.G. Plepho	12/12/97		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-1889	0	<i>Cold Vacuum Drying Facility Calculations for Hydrogen Generation and Combustion within a Multi Canister Overpack</i> , D. L. Scott	12/12/97		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-1890	0	<i>Cold Vacuum Drying Facility Hydrogen Explosions Outside the Multi Canister Overpack</i> , P.D. Rittmann	12/12/97		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-2047	0	<i>Pressurization of Whole Element Canister During Staging</i> , L. A. Lawrence, et. al. EDT-615131, Duke Engineering & Services Hanford Inc., Richland, WA.	01/27/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-2148	0	<i>Thermal Module of the Whole Element Furnace</i> E.R. Cramer Numatec Hanford Company, Richland Washington	01/23/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-2155	1	<i>MCO Combustible Gas Management Leak Test Acceptance Criteria</i> , D. L. Sherrell, EDT #623984/ECN-652276, FDNW, Richland, Washington.	03/22/99		Approved - Released and Controlled in the Hanford Document Control System	D199032532	94	
12	Supporting Calculation	HNF-2191	0	<i>Release of Water Trapped in Damaged Fuel Subsurface Voids</i> , F. F. Huang, EDT #620804, Fluor Daniel Northwest Inc., Richland, WA.	04/27/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-2234	2	<i>Sensitivity of Probabilistic MCO Water Content Estimates to Key Assumptions</i> , D.R.Durcan and M. G. Pys, ECN 645071, Duke Engineering & Services Hanford Inc. , Richland, WA.	10/21/98		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	HNF-2256	2	<i>Simulation of Normal and Off-Normal Multi-Canister Overpack Behavior</i> , M. Pys, et. al., EDT #623988/ECN-648616, Fauske & Associates, Burr Ridge, Illinois.	10/21/98		Approved - Released and Controlled in the Hanford Document Control System	D198200077		
12	Supporting Calculation	HNF-2262	0	<i>Thermal Decomposition of UO₂ 2H₂ O T.A.</i> Flament Numatec Hanford Company, Richland Washington	02/28/98		Approved - Released and Controlled in the Hanford Document Control System			

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12	Supporting Calculation	HNF-2314	0	Statistical Analysis of K West Fuel Element Visual Examination Results, A. L. Pitner, T. L. Welsh, Duke Engineering & Services Hanford Inc., Richland, WA.	03/09/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-2324	0	Goth-SNF Simulation of the Hanford Spent Nuclear Fuel Cold Vacuum Drying Proof of Concept Tests, C. R. Miska, EDT 623982 (JMI-98030101-1), FDNW, Richland, Washington.	03/02/98		Approved - Released and Controlled in the Hanford Document Control System	D198044118		
12	Supporting Calculation	HNF-2341	0	Hanford Spent Nuclear Fuel Cold Vacuum Drying Process Goth-SNF Model Simulations of Normal Operations, EDT-623994 (JMI-98030105-1) B. C. Fryer, M. J. Thurgood, JMI, Richland, Washington.	03/10/98		Approved - Released and Controlled in the Hanford Document Control System	D198049599		
12	Supporting Calculation	HNF-2344	0	Goth-SNF Simulation of the Hanford Spent Nuclear Fuel Cold Vacuum Drying Tempered Water System, J.J. Irwin (Numatec), M.J. Thurgood and D. O. Ogden (John Marvin, Inc.), EDT-623995, FDNW, Richland, Washington.	04/23/98		Approved - Released and Controlled in the Hanford Document Control System	D198077785		
12	Supporting Calculation	HNF-2458	0A	Design Basis for Hydrogen Generation in the Cold Vacuum Drying Facility, A.L. Pajunen, ECN #645094, Cogema Engineering & Services Hanford Inc., Richland, WA.	06/17/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-2576	0	CVDF: Phase 1 FMEA/FMECA Session Report, Duke Engineering & Services Hanford, Richland, Washington, C.C. Pilkoiff	04/22/98		Approved - Released and Controlled in the Hanford Document Control System	D198077384		
12	Supporting Calculation	HNF-2586	0	Summary Assessment of Fuel Damage Distributions in the K-Basins, Pitner, A. L., EDT-620810, Duke Engineering & Services Hanford Inc., Richland, WA.	04/23/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-2732	0	Potential Reaction Rate Increase -- Alternative Definition, Pajunen, A. L., EDT #624319, Duke Engineering & Services Hanford Inc., Richland, WA.	05/13/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-2786	0	Assessment of Potential for Rapid Ignition of Submerged N Reactor Fuel, Duncan, D. R., Plys, M. G., and Ballinger, R. G., EDT #624323, Duke Engineering & Services Hanford Inc., Richland, WA.	08/28/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-2850	0	Shielding Analysis for the Cold Vacuum Drying Project, J. V. Nelson, EDT 625206, Fluor Daniel Northwest, Inc., Richland, Washington.	06/12/98		Approved - Released and Controlled in the Hanford Document Control System	D198111144		
12	Supporting Calculation	HNF-2882	0	Cold Vacuum Drying Residual Free Water Removal Issue Closure Package, A. L. Pajunen, EDT #625202, Cogema Engineering Corp., Richland, Washington.	06/10/98		Approved - Released and Controlled in the Hanford Document Control System	D198109914		

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12	Supporting Calculation	HNF-3035	00	MCO Gas Composition for Low Reactive Surface Areas, M. J. Packer, EDT #625223, Duke Engineering & Services Hanford Inc., Richland, WA.	05/18/99		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	HNF-3048 with supplemental ECN 648623	0	Post Fuel-Cleaning Corrosion of Uranium Within MCO Payloads, D. L. Sherrell, EDT #625194, Duke Engineering & Services Hanford Inc., Richland, WA.	08/12/98		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	HNF-3283	0	Aluminum Hydroxide Coating Thickness Measurements and Brushing Tests on K West Basin Fuel Elements	10/07/99		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-3372	0	Uranium Hydride in MCO , A. L. Pajunen, EDT #625684, Cogema Engineering Inc., Richland, WA.	10/05/98		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	HNF-3390	0	Fuel Damage Distributions observed During K West Basin AL(OH) ₃ Coating Measurement Campaign EDT No. 620723 DE&S Hanford Company Richland Washington	12/03/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-3553	1	Spent Nuclear Fuel Project Final Safety Analysis Report, Annex B. Cold Vacuum Drying Facility Final Safety Analysis Report, Fluor Hanford, Inc.	08/07/00		Approved - Released and Controlled in the Hanford Document Control System	S. 1: D8393320 S. 2: D8391494		
12	Supporting Calculation	HNF-3589	0	Analysis of Internal Sludge and Cladding Coatings From N Reactor Fuel Stored in Hanford K Basins, R.B. Baker, DE&S Hanford, Inc., Richland, Washington.	06/01/99		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-3673	1	Cold Vacuum Drying Facility Technical Safety Requirements , D.E. Krahn, Fluor Daniel Hanford, Inc., Richland, Washington	12/16/99		Approved - Released and Controlled in the Hanford Document Control System	D8388744		
12	Supporting Calculation	HNF-4057	0	Cold Vacuum Drying Proof of Performance (First Article Testing) Test Results K.J. MCCracken Fluor Daniel Hanford Corp., Richland, Washington	04/23/99		Approved - Released and Controlled in the Hanford Document Control System	D199083154		
12	Supporting Calculation	HNF-4301	1	Gas Composition Transients in the Cold Vacuum Drying Facility M.J. Packer, ECN-653495, DE&S Hanford, Richland Washington	07/01/99		Approved - Released and Controlled in the Hanford Document Control System	D8296533		
12	Supporting Calculation	HNF-4465	0	Estimates of Particulate Mass for an MCO Containing Mark 1A Fuel, H.A. Wyman, Cogema Engineering Corporation, Richland, Washington	05/30/99		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	HNF-4702	0	Evaluation of He Impurity Impacts on SNFP Processes (OCFWM), EDT-627431, DL Sherrell, Numatec Hanford, Inc	09/21/99		Approved - Released and Controlled in the Hanford Document Control System	D8067408		

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12	Supporting Calculation	HNF-SD-SNF-CN-005	0	<i>Sensitivity of CSB Staging Conditions to Reaction Rates and Fuel Surface Area, EDT 620088, Thurgood, M. J., Duke Engineering & Services Hanford, Richland, Washington. Superseded by HNF-2256 Rev. 2.</i>	02/07/97		Approved - Released and Controlled in the Hanford Document Control System	D197046951		
12	Supporting Calculation	HNF-SD-SNF-CN-006	0A	<i>Evaluation of Radiolytic Gas Generation From Water Dissociation in a Multi-Carister Overpacks, ECN 648609, Duke Engineering & Services Hanford Company, Richland, Washington.</i>	10/05/98		Approved - Released and Controlled in the Hanford Document Control System	D198188811		
12	Supporting Calculation	HNF-SD-SNF-CN-008 Replaced with SNF-1527	0	<i>Particulate Inventory of a Multi-Carister Overpack, EDT 620087, Pajunen, A. L., L. D. Muhlestein, and M. R. Allen, SGN Eurisys Services Corporation, Richland, Washington.</i>	04/07/97		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-SD-SNF-CN-011	0	<i>CVDF Cask Transporter/Tie Down Design Input, Merrick/Meier Offices Kennewick, Washington</i>	03/04/97		Approved - Released and Controlled in the Hanford Document Control System	D197078014	94	
12	Supporting Calculation	HNF-SD-SNF-CN-012	0	<i>Estimated Fuel Inventory in Fuel and Scrap Baskets (MCO Quantities), EDT 620097, Pajunen, A. L., SGN Eurisys Services Corporation, Richland, Washington.</i>	06/05/97		Approved - Released and Controlled in the Hanford Document Control System	D197186705	94	
12	Supporting Calculation	HNF-SD-SNF-CN-014	0	<i>Probability Analysis of a MCO Over-Pressurization During Staging, EDT 620099, Pajunen, A. L., SGN Eurisys Services Corporation, Richland, Washington.</i>	06/05/97		Approved - Released and Controlled in the Hanford Document Control System	D19786703	94	
12	Supporting Calculation	HNF-SD-SNF-CN-016	0	<i>Evaluation of MCO Pressure Relief Office Effectiveness, EDT 616199, Duke Engineering & Services Hanford Company, Richland, Washington.</i>	12/17/97		Approved - Released and Controlled in the Hanford Document Control System	D197321951	94	
12	Supporting Calculation	HNF-SD-SNF-CN-017	3	<i>Fuel Surface Area, D.E. Ball and D.R. Duncan, Duke Engineering & Services Hanford, Richland, Washington., ECN-845054</i>	07/30/98		Approved - Released and Controlled in the Hanford Document Control System	D198138843		
12	Supporting Calculation	HNF-SD-SNF-CN-019	0	<i>Reaction Rate Constant for Dry Air Oxidation of N Reactor Fuel, Lawrence, L. A., Duke Engineering & Services Hanford, Richland, Washington.</i>	04/29/98		Approved - Released and Controlled in the Hanford Document Control System	D198081569		
12	Supporting Calculation	HNF-SD-SNF-CN-021	1	<i>Cold Vacuum Drying Facility Building Leak Rate Criteria, Fluor Daniel Northwest, Richland, Washington.</i>	08/06/97		Approved - Released and Controlled in the Hanford Document Control System	D197229283		
12	Supporting Calculation	HNF-SD-SNF-CN-022	0	<i>Feasibility of Direct Reactivity Measurement in MCO at the Cold Vacuum Drying Facility, R.G.Cowan, EDT 616163, Duke Engineering & Services Hanford Inc. (Contains FAI/97-32, same title, R.J.Hammersley)</i>	10/02/97		Approved - Released and Controlled in the Hanford Document Control System	D197274915	94	

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12	Supporting Calculation	HNF-SD-SNF-CN-023	2	Thermal Analysis of Cold Vacuum Drying of Spent Nuclear Fuel, M.G. Piepho and R.D. Crowe, EDT-620116/ECN-637183, Duke Engineering & Services Hanford, Richland, Washington.	03/23/00		Approved - Released and Controlled in the Hanford Document Control System	D8249737		
12	Supporting Calculation	HNF-SD-SNF-CN-026	0	MCO Shield Plug Dose Rate Analysis, K. E. Hillesland, EDT 622976, Fluor Daniel Northwest, Inc, Richland, Washington	10/06/97		Approved - Released and Controlled in the Hanford Document Control System	D197275805	94	
12	Supporting Calculation	HNF-SD-SNF-CN-027	1	SNF Process Validation Requirements Document, EDT 616164, DE&S Hanford, Richland, Washington.	06/29/99		Approved - Released and Controlled in the Hanford Document Control System	D199127807		
12	Supporting Calculation	HNF-SD-SNF-CN-028	0	Cumulative Oxygen Production in a MCO as a Function of Time, EDT 616155, A. L. Pajunen, SGN, Richland, Washington	10/14/97		Approved - Released and Controlled in the Hanford Document Control System	D197281354	94	
12	Supporting Calculation	HNF-SD-SNF-CN-032	0	Assessment of Feasibility of Proof Test for Radiolytic Generation of Oxygen in an MCO, R.G.Cowan and R.J.Hammersley, EDT 616165, Duke Engineering & Services Hanford Inc.	09/04/97		Approved - Released and Controlled in the Hanford Document Control System	D197251803	94	
12	Supporting Calculation	HNF-SD-SNF-CN-033	2	Cold Vacuum Drying Facility Gaseous Release Calculation, S.D. Kopelic	12/12/97		Approved - Released and Controlled in the Hanford Document Control System	D198024505		
12	Supporting Calculation	HNF-SD-SNF-CN-034	2	Cold Vacuum Drying Facility Spray Leak Calculation, S. D. Kopelic	12/12/97		Approved - Released and Controlled in the Hanford Document Control System	D198027532		
12	Supporting Calculation	HNF-SD-SNF-CN-035	1	Statistical Analysis of Oxidation Rates for K-Basin Fuel in Dry Air, D. J. Trimble, and T. L. Welsh, ECN #614814 Duke Engineering & Services Hanford, Richland, Washington.	02/06/98		Approved - Released and Controlled in the Hanford Document Control System	D198026752		
12	Supporting Calculation	HNF-SD-SNF-CN-036	0	Assessment of Cesium and Strontium Leaching Effect of G Values, R.G.Cowan and J.P. Sederburg, (EDT 616181), Duke Engineering & Services Hanford Inc., Richland, WA.	10/16/97		Approved - Released and Controlled in the Hanford Document Control System	D197284009		
12	Supporting Calculation	HNF-SD-SNF-CSER-005	5B	Criticality Safety Evaluation Report for Spent Nuclear Fuel Processing and Storage Facilities, ECN-605707, Duke Eng. & Services Hanford, Richland, WA	10/20/99		Approved - Released and Controlled in the Hanford Document Control System	D8245783		
12	Supporting Calculation	HNF-SD-SNF-CSER-006	3	Criticality Safety Evaluation Report for the Cold Vacuum Drying Facility's Process Water Handling System, Fluor Daniel Hanford, Incorporated, Richland, Washington.	08/10/00		Approved - Released and Controlled in the Hanford Document Control System	D8392038	18/46	
12	Supporting Calculation	HNF-SD-SNF-DP-007	0	Multi Canister Overpack/Cask Drop analysis File Documentation D.M. Chenault DE&S Hanford Inc. Richland Washington	07/14/97		Approved - Released and Controlled in the Hanford Document Control System	S.1: D197213347 S.2: D197213362	94	

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12	Supporting Calculation	HNF-SD-SNF-DR-003	2	MCO Design Report, L. H. Goldmann, ECN-645053, Duke Engineering & Services Hanford, Richland, Washington.	02/01/99		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	HNF-SD-SNF-DRCR-001	0	Design Review Summary, Duke Engineering & Services Hanford, Richland, Washington.	01/17/97		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-SD-SNF-ER-019	0	Evaluation of Copper Divider subassembly in MCO Mark 1A and Mark IV Scrap Fuel Baskets C.E. Graves, Fluor Daniel Northwest, Richland Washington	09/29/97		Approved - Released and Controlled in the Hanford Document Control System	D197271135	94	
12	Supporting Calculation	HNF-SD-SNF-FDR-003	0	Design Analysis Report for the TN-WHC Cask and Transportation System, EDT 620085, Duke Engineering & Services Hanford, Richland, Washington.	02/05/97		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	HNF-SD-SNF-FHA-003	1	Preliminary Fire Hazard Analysis for the Cold Vacuum Drying System Facility 142K, DynCorp Tri-Cities Services Inc., Richland, Washington.	06/20/97		Approved - Released and Controlled in the Hanford Document Control System	D8063315	24	
12	Supporting Calculation	HNF-SD-SNF-HIE-004	5	Cold Vacuum Drying Facility Hazard Analysis Report, PR Patterson, Fluor Daniel Hanford Incorporated, Richland, Washington.	08/07/00		Approved - Released and Controlled in the Hanford Document Control System	D8387877		
12	Supporting Calculation	HNF-SD-SNF-OCD-001	4A	Spent Nuclear Fuel Project Product Specification, A.L. Pajunen, ECN-648621, Fluor Hanford Inc., Richland, Washington.	04/21/00		Approved - Released and Controlled in the Hanford Document Control System	D8280189		
12	Supporting Calculation	HNF-SD-SNF-OMM-003	0A	Cask and Transportation System Installation, Operations, Repair and Maintenance, D. M. Chenault, ECN #645092, Duke Engineering & Services Hanford, Richland, Washington.	06/18/98		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	HNF-SD-SNF-RPT-011	1A	Spent Nuclear Fuel Project Design Basis Capacity Study, K.J. Cleveland, ECN-645113, Fluor Daniel Northwest, Richland, Washington	01/29/99		Approved - Released and Controlled in the Hanford Document Control System	D8401853		
12	Supporting Calculation	HNF-SD-SNF-SARR-005	2	SNFP Multicanister Overpack Topical Report, Duke Engineering & Services Hanford, Richland, Washington.	05/11/00		Approved - Released and Controlled in the Hanford Document Control System	S.1: D8335709 S. 2: D8335747 S. 3: D8335767		
12	Supporting Calculation	HNF-SD-SNF-SP-020	0	Strategy for Thermo Gravimetric Analysis of K East Fuel Samples L.A. Lawrence DE&S Hanford Richland Washington	05/19/97		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-SD-SNF-TI-009	3	105-K Basin Material Design Feed Description for SNF Project Facilities, A. N. Praga, ECN 645117, DE&S Hanford, Inc., Richland, WA	11/04/99		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-SD-SNF-TI-015	6	SNFP Technical Data Book, M.A. Reilly, ECN 648624, Duke Engineering & Services Hanford, Richland, Washington.	10/23/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-SD-SNF-TI-020	2	SNFP Recommended Rate Constants for Corrosion of N-Reacto Fuel, ECN 645097, Westinghouse Hanford Company, Richland, Washington.	08/15/98		Approved - Released and Controlled in the Hanford Document Control System			

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12	Supporting Calculation	HNF-SD-SNF-TI-040	3A	MCO Internal Gas Composition and Pressure During Interim Storage, ECN-645098, Duncan, D. R. and M. G. Plys, Duke Engineering and Services Hanford, Richland, Washington.	10/23/98		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	HNF-SD-SNF-TI-050	0	In-Cell Visual Examinations of K East Fuel Elements, EDT 620781, Duke Engineering and Services Hanford, Richland, Washington.	03/06/97		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-SD-SNF-TI-059	2	A Discussion on the Methodology for Calculating Radiological and Toxicological Consequences for the Spent Nuclear Fuel Project at the Hanford Site, P. D. Rittmann, ECN 637174, Fluor Daniel Northwest, Inc., Richland, Washington 99352	05/26/99		Approved - Released and Controlled in the Hanford Document Control System	D199106391		
12	Supporting Calculation	HNF-SD-SNF-TI-060	0	K-Basin Fuel Subsurface Examinations and Surface Coating Sampling AL Pitner De&S Hanford Richland Washington	09/09/97		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-SD-SNF-TM-001	1	Flowsheet Description for the Cold Vacuum Drying Facility Supporting the Spent Nuclear Fuel Project, A. L. Pajunen, EDT-620121, DE&S Hanford, Richland, Washington. Revision 1 Draft is available in SNF Project File.	10/07/97		Approved - Released and Controlled in the Hanford Document Control System	D197276646		
12	Supporting Calculation	HNF-SD-SNF-TM-002	0	Spent Nuclear Fuel Processing Overview, A. N. Praga, EDT-623965, DESH, Richland, Washington.	02/24/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-SD-SNF-TRP-020	0	Testing of Sludge Coating Adhesiveness on Fuel Elements in 105-K West Basin, EDT 620783, Duke Engineering and Services Hanford, Richland, Washington.	03/11/97		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-SD-SNF-TRP-021	0	Hanford Spent Nuclear Fuel Cold Vacuum Drying Proof of Concept Test Report, Ritter, G. A., K. J. McCracken, J. J. Irwin, and B. Fryer, Fluor Daniel Northwest Hanford, Richland, Washington	08/07/98		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	HNF-SD-TP-SARP-017	1	Safety Analysis Report for Packaging (Onsite) Multicanister Overpack Cask, Edwards, W. S., et.al., Duke Engineering & Services Hanford, Richland, Washington.	03/01/99		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	HNF-SD-W441-CN-001	3A	Spent Nuclear Fuel Inventory in Bulk MCO Water at the Cold Vacuum Drying Facility, D. L. Sherrell, ECN 654676, Numatec Hanford Corp., Richland, Washington.	09/22/99		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	PNNL-11628	0	Drying Behaviour of K-East Basin Canister Sludge, Aberlah, Marschman and Buchanan, Pacific Northwest National Laboratory, Richland, Washington.	05/01/98		Approved - Released and Controlled in the Hanford Document Control System			

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12	Supporting Calculation	PNNL-11806	0	<i>Examination of the Surface Coatings Removed from K-East Basin Fuel Elements, Abrefah, Marschman and Jenson, Pacific Northwest National Laboratory, Richland, Washington.</i>	05/01/98		Approved Document available in RMIS			
12	Supporting Calculation	PNNL-11807	0	<i>System Design Description for the Whole Element Furnace Testing System, Ritter, Marschman, MacFarlan and King, Pacific Northwest National Laboratory, Richland, Washington.</i>	05/01/98		Approved Document available in RMIS			
12	Supporting Calculation	PNNL-11814	0	<i>Spent Fuel Drying System Tests Results (First Dry-Run) G.S. Klinger, B.M. Oliver Pacific Northwest National Laboratory Richland Washington</i>	07/01/98		Approved Document available in RMIS			
12	Supporting Calculation	PNNL-11816	0	<i>Analysis of Ignition Testing on K-West Basin Fuel J. Abrefah, F.H. Huang, et al, Pacific Northwest National Laboratory, Richland Washington</i>	08/01/99		Approved Document available in RMIS			
12	Supporting Calculation	PNNL-11817	0	<i>Drying Results of K-Basin Spent Nuclear Fuel Element 1990 (Run 1), Marschman, S. C., J. Abrefah, and et. al, Pacific Northwest National Laboratory, Richland, Washington.</i>	08/01/98		Approved Document available in RMIS			
12	Supporting Calculation	PNNL-11818	0	<i>Drying Results of K-Basin Spent Nuclear Fuel Element 3128W (Run 2), Marschman, S. C., J. Abrefah, and et. al, Pacific Northwest National Laboratory, Richland, Washington.</i>	01/01/98		Approved Document available in RMIS			
12	Supporting Calculation	PNNL-11820	0	<i>Drying Results of K-Basin Fuel Element 0309M (Run 3) Marschman, et al, Pacific Northwest National Laboratory, Richland Washington</i>	07/01/98		Approved Document available in RMIS			
12	Supporting Calculation	PNNL-11821	0	<i>Drying Results of K-Basin Fuel Element 5744U (Run 4) G.S. Klinger, et al, Pacific Northwest National Laboratory, Richland Washington</i>	07/01/98		Approved Document available in RMIS			
12	Supporting Calculation	PNNL-11838	0	<i>Spent Fuel Drying System Tests Results (Second dry Run) G.S. Klinger, et al, Pacific Northwest Laboratory, Richland, Washington</i>	02/01/98		Approved Document available in RMIS		54	
12	Supporting Calculation	PNNL-11841	0	<i>Drying Results of K-Basin Fuel Element 6603M (Run 5) G. S. Klinger, et al, Pacific Northwest National Laboratory, Richland Washington</i>	09/01/99		Approved Document available in RMIS			
12	Supporting Calculation	PNNL-11896	0	<i>Drying Results of K-Basin Fuel Element 1164M (Run 6) B.M. Oliver, et al, Pacific Northwest National Laboratory, Richland Washington</i>	08/01/98		Approved Document available in RMIS			

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12	Supporting Calculation	PNNL-11969	0	Drying Results of Khasin Fuel Element 6513U (Run 8) B.M. Oliver, et al, Pacific Northwest National Laboratory, Richland Washington	07/01/99		Approved Document available in RMIS			
12	Supporting Calculation	PNNL-12136	0	Spent Fuel Drying System Test Results (Dry-Run in preparation for Run 8) B..M. Oliver, et al, Pacific Northwest National Laboratory, Richland Washington	07/01/99		Approved Document available in RMIS			
12	Supporting Calculation	Review of HNF-SD-SNF-CN-023	NA	Review of Cold Vacuum Drying Heat Transfer Calculations. A.L. Pajunen, SGN Eurisys Services Corporation.	07/29/97		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	SNF-2770	4	Cold Vacuum Drying Facility Design Basis Accident Analysis Documentation	08/08/00		Approved - Released and Controlled in the Hanford Document Control System	D8388308		
12	Supporting Calculation	SNF-2825	0	SNFP Human Factors Engineering (HFE) Analysis, Romero, H. A., Duke Engineering & Services Hanford, Richland, Washington.	07/17/98		Approved - Released and Controlled in the Hanford Document Control System	D198130348		
12	Supporting Calculation	SNF-3001	1	CVDF Supporting Data and Calculation Database	10/21/99		Approved Document available in RMIS	D8181310		
12	Supporting Calculation	SNF-4023	0	CVD External Hydrogen Management Evaluation, C. R. Miska, EDT-625813, Fluor Daniel Hanford Corp., Richland, Washington.	10/18/99		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	SNF-4079	0	Impact of Aluminum on Anticipated Corrosion in a Flooded Spent Nuclear Fuel Multi Canister Overpack, P.C. Ohi, DE&S hanford, inc., Richland, Washington	06/06/99		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	SNF-4083	0	SNF-CVD Process Post-Test Goth-SNF Model Simulations of Proof of Performance or First Article Tests and Equipment Performance Evaluation Brent C. Fryer, John Marvin Inc., Blaine A. Crea, EDT-627031, Numatec Hanford, Inc	06/02/99		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	SNF-4207	0	Design Features of the CVDF to Keep Worker Doses as Low as Reasonably Achievable, J.V. Nelson, DE&S Hanford, Richland, Washington	04/01/99		Approved - Released and Controlled in the Hanford Document Control System	D199066454		
12	Supporting Calculation	SNF-4213	0	Human Factors Engineering Report for the CVDF R. Imker, DE&S Hanford, Richland, Washington	04/01/99		Approved - Released and Controlled in the Hanford Document Control System	D199066392		
12	Supporting Calculation	SNF-4268	0	Fire Hazard Analysis for the Cold Vacuum Drying Facility, B.H. Johnson, Fluor Daniel Hanford, Richland, Washington.	08/19/99		Approved - Released and Controlled in the Hanford Document Control System	D199154879	24	
12	Supporting Calculation	SNF-4290	0	Spent Nuclear Fuel Project Analysis of Failure Modes and Their Effects on Safety-Class Systems and Components of the Cold Vacuum Drying Facility	06/15/99		Approved - Released and Controlled in the Hanford Document Control System	D199117510		

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12	Supporting Calculation	SNF-4636	0	Evaluation of Filter Loading and Pressure Drop During Spent fuel Drying Processes B.A. Crea, et al. EDT-625408, Numatec Hanford Company, Richland Washington. BUSINESS SENSITIVE!	07/02/99		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	SNF-5119	0	Independent Review of the 30# Relief Valve, Safety Class Helium, Tempered Water, and Process Water Conditioning Systems at the Cold Vacuum Drying Facility. F. J. Heard, Numatec Hanford Corporation, Richland Washington	11/08/99		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	SNF-5226	0	Comparison Cases Simulated with HANSF 1.3.2 to Supplement Thermal Analyses Documented in HNF-SD-SNF-CN-023, M.G. Piepho, Fluor Daniel Hanford, Inc. Richland, Washington	10/08/99		Approved - Released and Controlled in the Hanford Document Control System	D8107103		
12	Supporting Calculation	SNF-5657	0	Calculation of Radiation Exposure Limits of Seals Used in Spent Nuclear Fuel Hardware, J.V. Nelson, EDT 628135, Fluor Hanford, Inc., Richland, Washington.	07/31/00		Approved - Released and Controlled in the Hanford Document Control System	D8382472		
12	Supporting Calculation	SNF-6340		CVD Facility Design Verification Report			To be released 9/22/00			
12	Supporting Calculation	SNF-7041		CVD Design Validation Assessment - Project W-441			To be released 9/29/00			
12	Supporting Calculation	SNF-7042		CVD Safety Function Verification Assessment - Project W-441			To be released 9/29/00			
12	Supporting Calculation	SNF-7044	0	82600-99-BAC-010: Bay Air Temperatures When Bay Rollup Doors Are Open, B.A. Crea, Numatec Hanford Company, Richland, Washington. 5/4/99.			Document Pending.	Not in RMIS		
12	Supporting Calculation	SNF-7044	0	FAI/97-31: Risk-based Assessment of Fuel Reaction Potential During CVD, Fauske & Associates report, M.G.Plys and B. Malinovic, submitted to J. Swenson and P. Leroy, Duke Engineering & Services Hanford. This Document Updated by CN-023. 04/14/97			Document Pending.	Not in RMIS		
12	Supporting Calculation	SNF-7044	0	FAI/97-37: Simulation of Cold Vacuum Drying for Safety Analysis, Fauske & Associates report, M.G.Plys and S.J.Lee. This document updated by CN-023. 3/3/97			Document Pending.	Not in RMIS		
12	Supporting Calculation	SNF-7044	0	FAI/97-48: Simulation of Cold Vacuum Drying with Modified Scrap Baskets, Fauske and Assoc., Burr Ridge, Illinois. 9/1/97			Document Pending.	Not in RMIS		
12	Supporting Calculation	SNF-7044	0	HNF-SD-SNF-ANAL-015: Cask Lid Accidental Drops Onto Multi-Canister Overpack, D. Chenault, EDT, Fluor Daniel Northwest Hanford, Richland, Washington. 3/97			Document Pending.	Not in RMIS	94	

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12	Supporting Calculation	SNF-7045	0	JMI-9602-3: Simulation of Fuel Heatup Due to Uranium/Water Reaction During Cold Vacuum Drying. John Marvin, Inc., Richland, Washington. Released as an attachment to HNF-SD-SNF-CN-023, Rev. 0. 9/23/98			Document Pending.	Not in RMIS		
12	Supporting Calculation	SNF-7045	0	JMI-9602-4: Validation and Verification for Application to Thermal Analyses of Spent Nuclear Fuel Processes. John Marvin, Inc., Richland, Washington. 8/25/98			Document Pending.	Not in RMIS		
12	Supporting Calculation	SNF-7046	0	99-SNF/JRF-003: Review of Cold Vacuum Drying Process. J.R. Frederickson to M.J Wiemers. 3/8/99			Document Pending.			
12	Supporting Calculation	SNF-7046	0	CVD-13: Gamma Radiation Effects on Materials of Construction for the Cold Vacuum Drying Facility. 3/19/97			Document Pending.			
12	Supporting Calculation	SNF-7046	0	CVD-17: Calculation of MCO Cond. Lid/Process Hood Weight for Lifting Sling Sizes and Configurations. 3/29/97			Document Pending.		94	
12	Supporting Calculation	SNF-7046	0	CVD-35: Tubing Welding Requirements. 10/25/99.			Document Pending.			
12	Supporting Calculation	SNF-7046	0	JJI-98-003: CVDF Facility Worker Radiation Dose Assessment. 9/3/98.			Document Pending.	S2982480		
12	Supporting Calculation	SNF-7046	0	JMI-98030102-1: Hanford SNFP Cold Vacuum Drying Process Pre-Test Goth-SNF Model Simulations of Future Proof of Performance/First Article Tests. B. C. Fryer, John Marvin, Inc., Richland, Washington. 6/1/98			Document Pending.	Not in RMIS		
12	Supporting Calculation	SNF-7046	0	JMI-98030105-2: Evaluation of Continuous Helium Recirculation Drying of SNF Using The Recirculation Pump. B. C. Fryer, John Marvin, Inc., Richland, Washington. 6/18/98			Document Pending.	Not in RMIS	13.2	
12	Supporting Calculation	SNF-7046	0	Helium Purge Rates Required to Maintain Hydrogen Concentrations Below Flammability Limits in the MCO. M. J. Thurgood, JMI, Richland, Washington. 3/20/98			Document Pending.	Not in RMIS	13.2	
12	Supporting Calculation	SNF-7046	0	JMI-980305-2: Evaluation of Vacuum Drying At Lower Temperatures and Hydrogen Concentrations During Draining of the MCO. M. J. Thurgood, JMI, Richland, Washington. 3/20/98			Document Pending.	Not in RMIS	94	

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12	Supporting Calculation	SNF-7047	0	JMI-980305-3: Evaluation of Methods for Handling Large Reaction Rate Multipliers for Cold Vacuum Drying of Spent Nuclear Fuel, M. J. Thurgood, JMI, Richland, Washington. 8/18/98			Document Pending.	Not in RMIS		
12	Supporting Calculation	SNF-7047	0	JMI-980305-4: Study of Effect of Fins on Scrap Basket, M. J. Thurgood, JMI, Richland, Washington. 11/10/98			Document Pending.	Not in RMIS		
12	Supporting Calculation	SNF-7047	0	JMI-980305-5: Evaluation of Alternatives for Providing Heat to the MCO for Cold Vacuum Drying Without Using the Tempered Water System Connection to the Cask Bottom, M. J. Thurgood and B. C. Fryer, JMI, Richland, Washington. 11/23/98			Document Pending.	Not in RMIS	94	
12	Supporting Calculation	SNF-7047	0	JMI-980305-6: Evaluation of Purge Vacuum Pumping Versus Vacuum Pumping with Helium Purge, M. J. Thurgood, JMI, Richland, Washington. 12/15/98			Document Pending.	Not in RMIS	13.2	
12	Supporting Calculation	SNF-7047	0	JMI-980305-7: Evaluation of New Intact Fuel Basket Bottom Plate Hole Design on Flow Distribution, Drying, and Heating in the MCO, M. J. Thurgood, JMI, Richland, Washington. Only available in Draft. 1/18/99			Document Pending.	Not in RMIS	94	
12	Supporting Calculation	SNF-7063	0	74A50-96-TRB-011: Results of Scoping Calculation to Determine Internal MCO Flow Splits for Various Mark IA and Mark IV Basket Designs, Internal Letter, T. R. Beaver to C. R. Miska, Westinghouse Hanford Company, Richland, Washington. 3/27/96			Document Pending.		94	
12	Supporting Calculation	SNF-7063	0	FDNW-97-TWRS-025: Detonation Review of Light Water Reactor Hydrogen Manual, External Letter, C. J. Moore, Fluor Daniel Northwest to J. J. Irwin, Numatec Hanford Corp. 2/18/97			Document Pending.			
12	Supporting Calculation	SNF-7063	0	FH-EL-00-022: Recommended Valve Closure Time for Deionized Water Supply Lines DI-004-SS-1/2 and DI-501-SS-1/DI-401-SS-1, Internal Letter, F.J. Heard to J.J. Irwin, Fluor Hanford, Inc., Richland, Washington. 7/14/00			Document Pending.		25	
12	Supporting Calculation	SNF-7063	0	JMI-9602-2: MCO Pressurization Evaluation for Spent Nuclear Fuel Process: Transportation and Storage, John Marvin, Inc., Richland, Washington. 8/28/98			Document Pending.	Not in RMIS	94	

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12	Supporting Calculation	SNF-7063	0	WHC-SD-W442-DR-002: K-Basin MCO Shield Plug Thickness Technical Evaluation (Shielding Analysis), Duke Engineering & Services Hanford, Richland, Washington. 1/1/95			Document Pending.		94	
12	Supporting Calculation	SNF-7064	0	DESH-9856982: Highlight Report:Aluminum Hydroxide Coating Thickness Measurements and Brushing Tests on K West Fuel Elements. 8/20/98			Document Pending.			
12	Supporting Calculation	SNF-7064	0	FAU96-87: Hydrated Oxide Decomposition Rate Law Approach, Fauske & Associates report, M. G. Plys and M. Epstein, submitted to J.Wiborg, Westinghouse Hanford Corporation. 9/26/96			Document Pending.			
12	Supporting Calculation	SNF-7064	0	FAU97-113: Scrap Reactive Surface Area Estimates, M.G.Plys and B. Malinovic. Releases as an attachment to HNF-SD-CN-017, Rev. 3. 10/1/97			Document Pending.			
12	Supporting Calculation	SNF-7064	0	FAU97-32: Feasibility of Direct Reactivity Measurement in MCOs at the Cold Vacuum Drying Facility (CVDF), Fauske & Associates report, R.J.Hammersley. Released as HNF-SD-SNF-CN-022, Rev. 0. 4/9/97			Document Pending.		94	
12	Supporting Calculation	SNF-7064	0	FAU97-41: Fuel Surface Area Independent Review and Estimates, M. G. Plys, Fauske and Assoc., Burr Ridge, Illinois. Superseded by HNF-SD-SNF-CN-017, Rev. 3. 4/8/97			Document Pending.			
12	Supporting Calculation	SNF-7064	0	FAU97-62: K-Basins Spent Fuel Sludge Water Contents Estimates, M. G. Plys, Fauske and Assoc., Burr Ridge, Illinois. Superseded by HNF-1523, Rev. 1. 6/10/97			Document Pending.			
12	Supporting Calculation	SNF-7064	0	FAU97-69: Fuel Surface Area Independent Estimates M.G. Plys and S.J. Lee, Fauske and Associates. Superseded by HNF-SD-SNF-CN-017, Rev. 3. 7/11/97			Document Pending.			
12	Supporting Calculation	SNF-7064	0	FAU97-90: K-Basins Sludge Water Content, Behavior and Impact M.G. Plys, Fauske and Associates. Superseded by HNF-SD-SNF-CN-017, Rev. 3. 10/10/97			Document Pending.			
12	Supporting Calculation	SNF-7064	0	FAU98-67: Double Scrap Basket Analysis for Selected Cold Vacuum Drying Scenarios, M.G.Plys and S. J. Lee, Fauske & Associates. 6/1/98			Document Pending.			

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12	Supporting Calculation	SNF-7064	0	HNF-1728: Analysis of Sludge from Hanford K West Canisters, B. J. Makenas, et. al. Duke Engineering & Services Hanford Inc., Richland, WA. 2/1/98			Document Pending.			
12	Supporting Calculation	SNF-7065	0	HNF-SD-SNF-CN-010: Uncertainty Analysis of Available Water in Fuel Particulate Loaded in an MCO Scrap Basket, EDT 620092, Duke Engineering & Services Hanford Company, Richland, Washington. 1/1/97			Document Pending.		94	
12	Supporting Calculation	SNF-7065	0	HNF-SP-1201/JC-2070: Analysis of Sludge from K-East Basin Canisters, DE&S Hanford, Inc., Richland, Washington. 1/1/97			Document Pending.			
12	Supporting Calculation	SNF-7065	0	PNNL-11341: Analysis of Oxygen Gettering in MCOs Containing N Reactor Fuel, Johnson, A. B., Jr., and R. G. Clemmer, Pacific Northwest National Laboratory, Richland, Washington. 1/1/96			Document Pending.		94	
12	Supporting Calculation	SNF-7065	0	PNNL-11786: Dry Air Oxidation Kinetics of K-Basin Spent Nuclear Fuel Aberlah, Marschman and Buchanan, Pacific Northwest National Laboratory, Richland Washington. 6/1/98			Document Pending.			
12	Supporting Calculation	SNF-7065	0	PNNL-11844: Oxidation Rate of K-Basin Spent Nuclear Fuel in Moist Air, Marschman, S. C., J. Abrefah, and et. al, Pacific Northwest National Laboratory, Richland, Washington. 3/1/98			Document Pending.			
12	Supporting Calculation	SNF-7065	0	WHC-12110-PCL93-069: Analyses of 105-K East Basin Sludge Samples, D. B. Bechtold and M. A. Meier, Westinghouse Hanford Co., Richland, Washington. 7/1/93			Document Pending.			
12	Supporting Calculation	WHC-SD-SNF-ANAL-011	0	Comparison of Spent Fuel Databases for K-Basin, Schmittroth, F., EDT 616570, Westinghouse Hanford CO, Richland, WA	09/12/96		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	WHC-SD-SNF-CAVR-001	0	Recent Dose Rate Calculational Summary For N- Reactor Fuel Handling and Shipping from K-Basin (Radiation Field Analysis for MCO/Cask), Westinghouse Hanford Company, Richland, Washington.	12/17/96		Approved - Released and Controlled in the Hanford Document Control System	D196244425	94	
12	Supporting Calculation	WHC-SD-SNF-ER-009	0	Vacuum Drying System Evaluation for K Basin Spent Fuel Removal, J. J. Irwin, Westinghouse Hanford Co., Richland, Washington.	06/30/95		Approved - Released and Controlled in the Hanford Document Control System			

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12	Supporting Calculation	WHC-SD-SNF-ER-014	0	MCO Pressurization Analysis of Spent Nuclear Fuel Transportation and Fuel Storage, EDT 614689, Westinghouse Hanford Company, Richland, Washington.	09/20/96		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	WHC-SD-SNF-RPT-013	0	A Probabilistic Assessment of Fuel Particulate Contents of A Multi-Canister Overpack, EDT 616141, Westinghouse Hanford Company, Richland, Washington.	10/23/96		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	WHC-SD-SNF-TI-006	0	Summary Status of K Basins Sludge Characterization, R. B. Baker, Westinghouse Hanford Co., Richland, Washington.	01/20/95		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	WHC-SD-SNF-TI-012	0	KE Basin Underwater Fuel Survey, A. L. Pitner, Westinghouse Hanford Co., Richland, Washington.	03/03/95		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	WHC-SD-SNF-TI-016	0A	Development of Design Basis Capacity for Spent Nuclear Fuel Project Systems, Pajunen, A. L., ECN 638939, Westinghouse Hanford Company, Richland, Washington	07/21/97		Approved - Released and Controlled in the Hanford Document Control System	D197217480		
12	Supporting Calculation	WHC-SD-SNF-TI-021	1A	SNFP Detonation Phenomena of Hydrogen/Oxygen in Spent Fuel Containers, ECN 637154, Westinghouse Hanford Company, Richland, Washington.	01/14/97		Approved - Released and Controlled in the Hanford Document Control System		24	
12	Supporting Calculation	WHC-SD-SNF-TI-023	2	Bounding Particulate Contents of a Multi-Canister Overpack, Pajunen, A. L., and R. G. Cowan, ECN 638913/645044, Duke Engineering & Services Hanford, Richland, Washington. Superseded by HNF-1527, Rev. 2.	11/21/97		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	WHC-SD-SNF-TI-025	0	Multi-Canister Overpack Pressurization Monitoring and Control Methodology for the Spent Nuclear Fuel Project, EDT 616110, Westinghouse Hanford Company, Richland, Washington.	06/19/96		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	WHC-SD-SNF-TI-026	1	SNFP Surface Area Estimates for N-Reactor Fuel in the K East Basin, ECN 638927, Westinghouse Hanford Company, Richland, Washington. Superseded by HNF-SD-SNF-CN-017, Rev. 3.	09/30/96		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	WHC-SD-SNF-TI-027	0	SNFP Photon Heat Deposition Calculations for Hydrogen Generation Within MCO, EDT 616632, Westinghouse Hanford Company, Richland, Washington.	08/01/96		Approved - Released and Controlled in the Hanford Document Control System		94	

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12	Supporting Calculation	WHC-SD-SNF-TI-028	0	SNFP Gas Generation From N-Fuel in the Multi-Canister Overpacks, EDT 616631, Westinghouse Hanford Company, Richland, Washington. Superseded by HNF-SD-SNF-TI-040, Rev. 3.	08/01/96		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	WHC-SD-SNF-TI-029	0	Multi-Canister Overpack (MCO) Pressurization Analysis, D.R. Duncan, Westinghouse Hanford Company, Richland, Washington	08/29/96		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	WHC-SD-SNF-TI-033	0	SNFP Estimate of Volatile Fission Products Release From Multi-Canister Overpacks, EDT 616633, Westinghouse Hanford Company, Richland, Washington.	08/01/96		Approved - Released and Controlled in the Hanford Document Control System		24	
12	Supporting Calculation	WHC-SD-SNF-TP-001	1	KE & KW Underwater Video Examinations, R. C. Cecil, Westinghouse Hanford Co., Richland, Washington.	07/25/95		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	WHC-SD-SNF-TRP-015	0	Sludge Adherence Summary Report, EDT 615488, Westinghouse Hanford Company, Richland, Washington.	07/11/96		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	WHC-SD-WM-ANAL-037	0	Sludge Measurement Results for 105 K East Basin, T. A. Meiling, Westinghouse Hanford Co., Richland, Washington	10/26/95		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	WHC-SD-WM-CN-079	0	MCO Blowdown Release Fraction, EDT 619414, Fluor Daniel Northwest, Richland, Washington	10/17/96		Approved - Released and Controlled in the Hanford Document Control System		94	
12	Supporting Calculation	WHC-SD-WM-CN-079	0	Release Fraction for MCO rupture disc failure/blowdown per FMEA/Hazard Analysis	10/16/96		Approved - Released and Controlled in the Hanford Document Control System	D196206827	94	
12	Supporting Calculation	WHC-SD-WM-ER-607	0	SNFP Vacuum Drying Thermal-Hydraulic Analysis and Dynamic Model Development Status Report, EDT 614687, Westinghouse Hanford Company, Richland, Washington.	08/28/96		Approved - Released and Controlled in the Hanford Document Control System			
12	Supporting Calculation	SNF-4396	0	Design Verification and Validation Plan for the Cold Vacuum Drying Facility	06/03/99		Approved - Released and Controlled in the Hanford Document Control System	D199109805		
13	Stress / Design Report	HNF-4291	0A	Seismic Adequacy Review of Non-Safety Class Systems, Component and Equipment that are Potential Seismic Interaction Hazards with Safety Class SCE at the CVD Facility, ECN-650424, E.C. Ocoma (FDNW) Richland Washington	09/15/99		Approved - Released and Controlled in the Hanford Document Control System			
14	Design Specifications / Report	HNF-1895	0	Design Review for the Cold Vacuum Drying Process Equipment	2/4/98		Approved - Released and Controlled in the Hanford Document Control System			
14	Design Specifications / Report	HNF-3405	0	Cold Vacuum Drying Facility Requirements Compliance Matrix Plan	9/21/98		Approved - Released and Controlled in the Hanford Document Control System			
14	Design Specifications / Report	SNF-4506	0	Spent Nuclear Fuel Cold Vacuum Drying Facility Comprehensive Formal Design Review Report	7/19/99		Approved - Released and Controlled in the Hanford Document Control System			

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15	Procurement Specifications	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Construction Specifications	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	Final Design Drawings	H-1-83964, sh. 1	2	CVDF Engineering Flow Diagram Process System	10/18/99		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83964, sh. 2	2	CVDF Engineering Flow Diagram Process System	10/18/99		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83965, sh. 1	2	CVDF Engineering Flow Diagram VPS Chilled Water System	10/14/99		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83966, sh. 1	0	CVDF Engineering Flow Diagram Chilled Water System	04/09/99		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83967, sh. 1	2	CVDF Engineering Flow Diagram HVAC System	09/05/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		30	
18	Master Equipment List	SNF-4148	2	Spent Nuclear Fuel Project Cold Vacuum Drying Facility Master Equipment List	08/01/00			D8408450		
19	As-Built Drawings	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Piping & Instrumentation Drawings	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21	Drawing Tree	H-1-83946, sh 1-3	3	Cold Vacuum Facility Drawing Tree	06/15/00		Approved. D8334433; D8334460; D8334464			
22	Interface Control Documents	IC-001	0	Vacuum Dried K Basin Fuel in MCCO/Cask			Approved IC - Needs to be closed at turnover		94	
22	Interface Control Documents	IC-012	0	Bulk Water From K Basin Cold Vacuum Drying to Return to K Basin Integrated Water Treatment System			Approved IC - Needs to be closed at turnover			
22	Interface Control Documents	IC-043	0	MCCO/Cask Loaded with Wet KE Basin Fuel			Approved IC - Needs to be closed at turnover		94	
22	Interface Control Documents	IC-044	0	MCCO/Cask Loaded with Wet KW Basin Fuel			Approved IC - Needs to be closed at turnover		94	
22	Interface Control Documents	IC-058		Treated K Basin Vacuum Dry Offgas Exhaust - Permitting For Cold Vacuum Drying Offgas Exhaust			Deleted			
22	Interface Control Documents	IC-061	1	K Basin Vacuum Dry Offgas Filter Waste			Approved IC - Needs to be closed at turnover			
22	Interface Control Documents	IC-062	1	Cask Decon Waste After Vacuum Drying			Approved IC - Needs to be closed at turnover		94	
22	Interface Control Documents	IC-063	0	Vacuum Drying System Water Supply			Approved IC - Needs to be closed at turnover			

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22	Interface Control Documents	IC-108	1	Vacuum Pump Oil & Oil Filter Waste to K Basin Solid Waste Handling			Approved IC - Needs to be closed at turnover			
22	Interface Control Documents	IC-110	0	Electrical Power to Support the Cold Vacuum Drying Module			Approved IC - Needs to be closed at turnover		20.1	
22	Interface Control Documents	IC-111	draft	Establish the CVD Module Security Requirements			Draft - not completed.		54	
22	Interface Control Documents	IC-112	0	Telephone Support for the CVD Module			Approved IC - Needs to be closed at turnover			
22	Interface Control Documents	IC-113	0	HLAN Connections for the CVD Module			Approved IC - Needs to be closed at turnover			
22	Interface Control Documents	IC-114	0	Fire Department Requirements for the CVD Module			Approved IC - Needs to be closed at turnover		24	
22	Interface Control Documents	IC-153	0	Cold Vacuum Drying Accountability			Approved IC - Needs to be closed at turnover			
22	Interface Control Documents	IC-162	0	Potable Water Supplied to Cold Vacuum Drying Module			Approved IC - Needs to be closed at turnover		26	
22	Interface Control Documents	IC-163		Sanitary Services Supplied to Cold Vacuum Drying Module			Deleted			
22	Interface Control Documents	IC-164	0	Laundry Services Supplied to Cold Vacuum Drying Module			Approved IC - Needs to be closed at turnover			
22	Interface Control Documents	IC-187	0	Cask Annulus Gas Sample to 222S Lab			Approved IC - Needs to be closed at turnover		94	
22	Interface Control Documents	IC-207	0	Use of the Cold Vacuum Drying Facility for Sludge Transport Staging			Approved IC - Needs to be closed at turnover			
22	Interface Control Documents	IC-232	0	CVD/Cask Connection			Approved IC - Needs to be closed at turnover		94	
23	Software Configuration Management Plan	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24	System Requirements Specification	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	Software Design Description	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	Software Verification and Validation	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	Software User Manual	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	Training Plan	FH-0004539	0	Transition Training Plan for Operations Qualification/Certification for the Cold Vacuum Drying Facility, Canister Storage Building, and K West Facility Modification to Support Fuel Movement	08/15/00		This document is maintained by the Training Organization.	Not in RMIS		
29	Training Manuals	220002	0	CVDF Facility Overview Course - Lesson Plan and Student Handout	05/17/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		
29	Training Manuals	AP TN-8-005-10		Operations Training Program Description	08/21/00		This document is maintained and controlled by the Training Organization and is available on Hanford Intranet at 'snf-proj' on the 'AP-012' server.	Not in RMIS		

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30	Training to Operating Crews	220003	1	CVDF Facility Overview Course - Lesson Plan and Student Handout	05/18/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	221001		Control Room Qualification Course	N/A		There is no Lesson Plan associated with this course. Qual Cards are maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	221002		CVDF System Qualification Course	N/A		There is no Lesson Plan associated with this course. Qual Cards are maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	221003		Bay Process Qualification Course	N/A		There is no Lesson Plan associated with this course. Qual Cards are maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	221004	0	Waste Handling Course - Lesson Plan and Student Handout	07/12/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	221006	00.A	Diesel Generator Course - Lesson Plan and Student Handout	07/19/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	221007		CVDF EP/APC Course - Lesson Plan and Student Handout	07/25/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	221008		CVDF Routine Activities Course	N/A		There is no Lesson Plan associated with this course. Qual Cards are maintained and controlled by the Training Organization. Document is currently being routed for approval.	Not in RMIS		
30	Training to Operating Crews	22MZC4	2	Process Operations Course - Lesson Plan and Student Handout	07/05/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	22MZC5	2	CVDF Overview Course - Lesson Plan and Student Handout	07/05/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	22OAA1	0	CVDF Authorization Basis Training Course - Lesson Plan and Student Handout	04/26/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	22OEA0		Comprehensive Review and Exam	N/A		There is no Lesson Plan associated with this course. Qual Cards are maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	22OLA0	1	Electrical Distribution System Course - Lesson Plan and Student Handout	07/17/00		This document is maintained and controlled by the Training Organization.	Not in RMIS	20.1	
30	Training to Operating Crews	22OLA1	1	Combined HVAC Course - Lesson Plan and Student Handout	07/17/00		This document is maintained and controlled by the Training Organization.	Not in RMIS	30	
30	Training to Operating Crews	22OLA2	2	Instrument Air Course - Lesson Plan and Student Handout	07/05/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	22OLA3	2	DI Water Course - Lesson Plan and Student Handout	07/05/00		This document is maintained and controlled by the Training Organization.	Not in RMIS	25	
30	Training to Operating Crews	22OLA4	2	Chilled Water Cooling/VPS Water Cooling Course - Lesson Plan and Student Handout	07/05/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		

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30	Training to Operating Crews	22OLA5	2	Tempered Water/Tempered Water Cooling Course - Lesson Plan and Student Handout	07/05/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	22OLA6	2	Helium Systems Course - Lesson Plan and Student Handout	07/05/00		This document is maintained and controlled by the Training Organization.	Not in RMIS	13	
30	Training to Operating Crews	22OLA8	2	Vacuum Purge System Course - Lesson Plan and Student Handout	07/05/00		This document is maintained and controlled by the Training Organization.	Not in RMIS	7.1	
30	Training to Operating Crews	22OLA9	2	Process Water Conditioning/Sampling Course - Lesson Plan and Student Handout	07/06/00		This document is maintained and controlled by the Training Organization.	Not in RMIS	46.1	
30	Training to Operating Crews	22OLB0	2	Safety Class Instrument and Control Course - Lesson Plan and Student Handout	07/17/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	22OLB1	2	Monitoring and Control System Course - Lesson Plan and Student Handout	07/17/00		This document is maintained and controlled by the Training Organization.	Not in RMIS		
30	Training to Operating Crews	22OLB2	2	Personal Monitoring Course - Lesson Plan and Student Handout	07/17/00		This document is maintained and controlled by the Training Organization.	Not in RMIS	5.1	
30	Training to Operating Crews	22OLB3	N/A	MS Leak Detector/Aux Vacuum Course - Lesson Plan and Student Handout	N/A		As of 8/14/00 this Lesson Plan is still under discussion as to course content, and has not been developed. It is referenced during CVDF Systems only, as non-testable information, which includes the purpose, location, and expected uses of the equipment. Items yet to be determined include responsibility for operating the equipment, the specific uses for equipment, and troubleshooting applications.	Not in RMIS		
30	Training to Operating Crews	22OLB4	1	Fire Protection/Effluent Drains Course - Lesson Plan and Student Handout	07/17/00		This document is maintained and controlled by the Training Organization.	Not in RMIS	18/24	
30	Training to Operating Crews	22OQB0		Shift Operations Manager Certification Course	N/A		There is no Lesson Plan associated with this course. Certification includes Qual Cards/OJF, a comprehensive written examination, and oral examination. Documents are maintained and controlled by the Training Organization.	Not in RMIS		
31	Training to Maintenance Crews	N/A		None identified by the Training Organization						
32	Operations and Maintenance Manuals - found in V1 files	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	Compliance Procedures	CP-24-001V	0/A	Control of Combustible Materials within the Cold Vacuum Drying Facility (CVDF)	07/31/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Compliance Procedures	CP-24-002V	0/A	Inspection of Vehicles Entering (CVDF) Bays	07/31/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		

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33	Compliance Procedures	CP-48-001V	0	Perform TSR/PS Verifications	07/31/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Compliance Procedures	CP-48-002V	0	CVD Mode Change Check List	07/31/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-07-001V	0	Align VPS Process Equipment for Normal Operation	06/22/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-07-014V	0	Loss of Vacuum Purge System - Bay #4			Validation in progress	Not in RMIS	7.1	
33	Operating Procedures	OP-07-015V	0	Loss of Vacuum Purge System - Bay #5			Validation in progress	Not in RMIS	7.1	
33	Operating Procedures	OP-12-001V	Q/A	Align and Start Instrument/Service Air System for Normal Operation	07/31/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-12-014V	0	Loss of Compressed Air System - Bay #4	08/24/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-12-015V	0	Loss of Compressed Air System - Bay #5	08/24/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-12-016V	0	Loss of Compressed Air System - General Facility			Ready for approval.	Not in RMIS		
33	Operating Procedures	OP-13-001V	0	Align Helium Gas System for Normal Operation	07/26/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	13	
33	Operating Procedures	OP-13-002V	1	Align Safety Class Helium Gas System for Normal Operation	07/27/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	13.2	
33	Operating Procedures	OP-13-003V	0	Receive Helium at CVD	08/30/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	13	
33	Operating Procedures	OP-13-004V	0	Receive Safety Class Helium at CVD	08/30/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	13.2	

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33	Operating Procedures	OP-13-014V	0	Loss of General Helium System - Bay #4	09/11/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	13.1	
33	Operating Procedures	OP-13-015V	0	Loss of General Helium System - Bay #5	09/11/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	13.1	
33	Operating Procedures	OP-14-001V	0/A	Perform Pre-Use Test on CVD Cranes and Hoists	07/31/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	14	
33	Operating Procedures	OP-19-001V	0	Conduct Condensate Collection Activities	08/24/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	19	
33	Operating Procedures	OP-20-001V	0	Start, Operate, Stop, and Place EDG in Auto Start	09/11/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-20-002V	0	Receive/Transfer Fuel Oil	09/07/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-20-016V	0	Loss of Electric Power - General Facility			Ready for approval.	Not in RMIS	20.1	
33	Operating Procedures	OP-20-017V	0	Recovery from Loss of Electrical Power			Technical Review complete.	Not in RMIS	20.1	
33	Operating Procedures	OP-24-001V	0	Perform Fire Extinguisher Checks at CVD			Ready for approval.			
33	Operating Procedures	OP-25-001V	0	Align, Start, Operate, and Secure DI Water System	08/24/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	25	
33	Operating Procedures	OP-25-014V	0	Loss of Deionized Water - Bay #4	07/26/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	25	
33	Operating Procedures	OP-25-015V	0	Loss of Deionized Water - Bay #5	07/26/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	25	
33	Operating Procedures	OP-30-003V	0	Startup/Shutdown Process Bay Re-circulating HVAC System	06/28/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	30.2	

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33	Operating Procedures	OP-30-004V	0/A	Startup/Shutdown Process Bay Local Exhaust HVAC System	06/28/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	30.2	
33	Operating Procedures	OP-30-005V	0	Startup/Shutdown Process General Supply/Exhaust HVAC System	06/15/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	30.4	
33	Operating Procedures	OP-30-014V	0	Loss of Local Exhaust System - Bay #4	08/30/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-30-015V	0	Loss of Local Exhaust System - Bay #5	08/30/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-46-001V	0	Operation of PWC System	08/24/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-46-002V	0	Perform PWC Sampling			Ready for approval.	Not in RMIS		
33	Operating Procedures	OP-46-003V	0	Operation of PWC System to Circulate IXM Through Holding Tank	09/11/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-46-005V	0	Process/Load Water Tanker IN/OUT of Process Bay #1			Ready for approval.	Not in RMIS		
33	Operating Procedures	OP-46-008V	0	Isolate, Drain, and Remove IXM from Service			Ready for approval.	Not in RMIS		
33	Operating Procedures	OP-46-010V	0	Connect IXM			Procedure currently in Technical Review.	Not in RMIS		
33	Operating Procedures	OP-46-014V	0	Loss of Process Water Condition System - Bay #4			Ready for approval.	Not in RMIS	46.1	
33	Operating Procedures	OP-46-015V	0	Loss of Process Water Condition System - Bay #5			Ready for approval.	Not in RMIS	46.1	
33	Operating Procedures	OP-47-001V	0	Align, Start, Operate, and Secure CHW System	06/22/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-47-002V	0/A	Align, Start, Operate, and Secure TWC System	06/22/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-47-003V	0	Align, Start, Operate, and Secure TW Process Equipment	06/28/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		

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33	Operating Procedures	OP-47-004V	0/A	Align, Start, Operate, and Secure VPSCHW	06/22/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-47-014V	0	Loss of Tempered Water System - Bay #4			Ready for approval.	Not in RMIS		
33	Operating Procedures	OP-47-015V	0	Loss of Tempered Water System - Bay #5			Ready for approval.	Not in RMIS		
33	Operating Procedures	OP-47-024V	0	Process Recovery After a Loss of TW in Bay 4			Technical Review complete.	Not in RMIS		
33	Operating Procedures	OP-47-025V	0	Process Recovery After a Loss of TW in Bay 5			Technical Review complete.	Not in RMIS		
33	Operating Procedures	OP-48-001V	0	Inspection of First Aid Kits at CVDF	08/24/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	48	
33	Operating Procedures	OP-50-001V	0	Operation of Stack Monitor			Technical Review complete.	Not in RMIS	50	
33	Operating Procedures	OP-50-002V	0	Replace Stack Monitor Detector Filters			Technical Review complete.	Not in RMIS	50	
33	Operating Procedures	OP-54-001V	0	Material Balance Area Inventory at CVD	08/31/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-93-003V	0	Recover from SCIC Trip			Technical Review complete.	Not in RMIS	93.2	
33	Operating Procedures	OP-93-014V	0	Loss of Monitoring and Control System - Bay #4	09/08/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-93-015V	0	Loss of Monitoring and Control System - Bay #5	09/08/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-93-024V	0	Respond to SCIC Trip - Bay #4	09/08/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	93.2	
33	Operating Procedures	OP-93-025V	0	Respond to SCIC Trip - Bay #5	09/08/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	93.2	
33	Operating Procedures	OP-94-004V	0	Process MCO/Cask Transporter In/Out of Process Bay	09/08/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	94	
33	Operating Procedures	OP-94-007V	0	Process MCO/Cask in Process Bay #4	09/14/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	94	

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33	Operating Procedures	OP-94-008V	0	Process MCO/Cask in Process Bay #5	09/14/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	94	
33	Operating Procedures	OP-94-011V	0	Verify Process Bay #4 is Ready for Use	09/08/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-94-012V	0	Verify Process Bay #5 is Ready for Use	09/08/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-94-014V	0	Conduct Operator Rounds	08/24/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
33	Operating Procedures	OP-94-015V	0	Refill Cask	08/24/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	94	
34	Surveillance Procedures	SP-20-001V	0	Sample/Test Fuel Oil			Technical Review complete.	Not in RMIS		
34	Surveillance Procedures	SP-20-002V	0	Remotely Start Generator, Conduct Load Tests			Ready for approval.	Not in RMIS		
34	Surveillance Procedures	SP-20-003V	0	Loss of Site Power, Generator Load and Local Exhaust Restart Circuit			Validation complete.	Not in RMIS	20.6	
34	Surveillance Procedures	SP-20-004V	0	Perform Trace Heat Verifications			Draft started 6/6/00.	Not in RMIS		
34	Surveillance Procedures	SP-30-004V	0	CVDF HEPA Filter Checks			Technical Review complete.	Not in RMIS		
34	Surveillance Procedures	SP-50-001V	0	Stack Monitor Monthly Operational Checks			Validation complete.	Not in RMIS	50	
34	Surveillance Procedures	SP-50-003V	0	Inspection of Stack Monitor Pitot Tubes and Nozzles			Procedure not drafted.	Not in RMIS	50	
34	Surveillance Procedures	SP-50-004V	0	Inspection of Stack Monitor HEPA Filtered Transport Lines			Procedure not drafted.	Not in RMIS	50	
34	Surveillance Procedures	SP-50-005V	0	Leak Check of Stack Monitor Sample Transport System			Procedure not drafted.	Not in RMIS	50	
34	Surveillance Procedures	SP-50-006V	0	Inspection of Stack Monitor Sample System			Procedure not drafted.	Not in RMIS	50	
34	Surveillance Procedures	SP-50-007V	0	Response Check of Stack Monitor Flow Rate System			Procedure not drafted.	Not in RMIS	50	
34	Surveillance Procedures	SP-93-007V	0	Operation of Calibration Cart			Procedure currently in Technical Review.	Not in RMIS		
34a	Alarm Response Procedures	AR-05-001V	0	Response to Bay Low Oxygen Monitor Alarm			Procedure currently in Technical Review.			
34a	Alarm Response Procedures	AR-30-001V	0	Respond to ATC Alarms			Validation complete.	Not in RMIS		
34a	Alarm Response Procedures	AR-93-001V	0	Respond to MCS Annunciator Alarms			Validation complete.	Not in RMIS	93.1	
34a	Alarm Response Procedures	AR-93-002V	0	Respond to SCIC Alarms			Draft started 9/11/00.			
35	Calibration Procedures	SP-00-017V	0	Calibration of FCI Level Switch			This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		

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35	Calibration Procedures	SP-00-022V	0	Calibration of Rosemount 3244 MV Smart Temperature Indicator Transmitter			Ready for approval.	Not in RMIS		
35	Calibration Procedures	SP-00-023V	0	Calibration of Differential Pressure Transmitter			Procedure currently in Technical Review.	Not in RMIS		
35	Calibration Procedures	SP-00-024V	0	Calibration of Rosemount 1153 Series Pressure Transmitters			This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-Q05 server.	Not in RMIS		
35	Calibration Procedures	SP-00-025V	0	Calibration of Krohne Flow Indicators			Procedure not drafted.	Not in RMIS		
35	Calibration Procedures	SP-00-026V	0	Calibration of Kurz 502 Flow Transmitter FIT 1"19			Procedure not drafted.	Not in RMIS		
35	Calibration Procedures	SP-00-028V	0	Calibration of Rosemount Vortex 8800A Flow Circuit FE/FIT-4037 and FE/FIT-3"16			Technical Review complete.	Not in RMIS		
35	Calibration Procedures	SP-00-030V	0	Calibration of Air Monitor Flow Transmitter			This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-Q05 server.	Not in RMIS		
35	Calibration Procedures	SP-05-001V	0	Calibration of Gastech Oxygen Monitor			Validation complete.	Not in RMIS		
35	Calibration Procedures	SP-07-002V	0	Calibration of PT 1"36, 1"37, 1"08 and 1"10	N/A		Procedure currently in Technical Review.	Not in RMIS		
35	Calibration Procedures	SP-12-001V	0	Calibration of HVAC Damper Actuator Tank Pressure Gauges PI-5420 and PI-5520			Ready for approval.	Not in RMIS	30	
35	Calibration Procedures	SP-13-002V	0	Calibration of FIT 1"20 and FIT 1"21			Ready for approval.	Not in RMIS		
35	Calibration Procedures	SP-13-003V	0	Calibration of Omnistar GST300 O ₂ Residual Gas Analyzer			Technical Review complete.	Not in RMIS	7.2	
35	Calibration Procedures	SP-13-004V	0	Calibration of Helium Cylinder Pressure Instruments			Ready for validation.	Not in RMIS	13	
35	Calibration Procedures	SP-25-001V	0	Calibration of DI Water Conductivity Meter			Validation complete.	Not in RMIS	25	
35	Calibration Procedures	SP-30-003V	0	Calibration of HVAC Flow Switches FS-8"07 and FS-8"52			Technical Review complete.	Not in RMIS	30	
35	Calibration Procedures	SP-30-006V	0	Calibration of PDT-8"20 and 8080			Ready for approval.	Not in RMIS		
35	Calibration Procedures	SP-30-007V	0	Calibration of Process Bay and Process Tank Room Differential Pressure			Procedure drafted 9/6/00.			
35	Calibration Procedures	SP-47-001V	0	Calibration of TSH-1"28 and TSH-1"29			Validation complete.	Not in RMIS		
35	Calibration Procedures	SP-47-002V	0	Calibration of LSL 1"24 and LSL 1"25			Ready for approval.	Not in RMIS		
35	Calibration Procedures	SP-47-003V	0	Calibration of Rosemount 3422MV Smart Temperature Transmitters TIT			Procedure drafted 9/14/00.			
35	Calibration Procedures	SP-50-002V	0	Stack Monitor Annual Detector Calibration			Procedure currently in Technical Review.	Not in RMIS	50	
35	Calibration Procedures	SP-50-008V	0	Calibration of Stack Monitor Sampling System Flow Meters			Procedure not drafted.	Not in RMIS	50	
35	Calibration Procedures	SP-50-009V	0	Calibration of Stack Monitor Effluent Flow Measurement Devices			Procedure not drafted.	Not in RMIS	18	
35	Calibration Procedures	SP-50-010V	0	Calibration of Stack Monitor Timing Devices			Procedure not drafted.	Not in RMIS	50	
35	Calibration Procedures	SP-83-002V	0	Calibration of SCIC Programmable Logic Controller			Procedure not drafted.	Not in RMIS	93.2	
35	Calibration Procedures	SP-93-005V	0	Calibration of TSHH 1"38 AND TSHH 1"39			Ready for approval.	Not in RMIS		
35	Calibration Procedures	SP-93-006V	0	Calibration of Accelerometers			Draft started 6/5/00.	Not in RMIS		
35	Calibration Procedures	SP-93-008V	0	Calibration of Temperature Transmitter			Procedure not drafted.	Not in RMIS		

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35	Calibration Procedures	SP-93-009V	0	Calibration of Gas Flow Instrument			Procedure not drafted.	Not in RMIS		
35	Calibration Procedures	SP-93-010V	0	Calibration of Fluid Flow Instrument			Procedure not drafted.	Not in RMIS		
35A	Commercial Grade Item Upgrades	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35B	Radiological Procedures	RP-30-001	0	HEPA Filter Radiation Surveys			Ready for approval.	Not in RMIS		
36	Preventative Maintenance Procedures	MP-12-001V	0	Perform Periodic Maintenance on CA-TK-5019 Instrument Air System			Technical Review complete.	Not in RMIS		
36	Preventative Maintenance Procedures	MP-14-001V	0	Frequent Inspection of Bridge Cranes			Ready for approval.	Not in RMIS		
36	Preventative Maintenance Procedures	MP-14-002V	0	Periodic Inspection of Bridge Cranes			Procedure not drafted.	Not in RMIS		
36	Preventative Maintenance Procedures	MP-20-001V	0	Test and Inspect UPS			Procedure not drafted.	Not in RMIS	20.4	
36	Preventative Maintenance Procedures	MP-20-002V	0	Clean and Inspect Main Switchboard/Distribution Panel			Ready for approval.	Not in RMIS		
36	Preventative Maintenance Procedures	MP-20-006V	0	Perform Cold Weather Protection for Diesel Generator			Procedure not drafted.	Not in RMIS		
36	Preventative Maintenance Procedures	MP-25-002V	0	Test and Inspect DI Water Level Indicator/Switch			Technical Review complete.	Not in RMIS	25	
36	Preventative Maintenance Procedures	MP-30-001V	0	Process Exhaust System Housing Leak Tests			Procedure not drafted.	Not in RMIS		
36	Preventative Maintenance Procedures	MP-46-003V	0	Test and Inspect PWC Sampling Equipment			Procedure currently in Technical Review.	Not in RMIS		
36	Preventative Maintenance Procedures	MP-47-004V	0	Tempered Water Pump Inspection and Maintenance			Procedure currently in Technical Review.	Not in RMIS		
36	Preventative Maintenance Procedures	MP-50-001V	0	Slack Monitor EPA Level II Inspection			Procedure not drafted.	Not in RMIS	50	
36	Preventative Maintenance Procedures	MP-54-002V	0	Inspect and Lubricate CVD Process Bay Truck Doors 2, 3, 4, and 5			Technical Review complete.	Not in RMIS		
36	Preventative Maintenance Procedures	MP-54-003V	0	Inspect and Lubricate 1 Rollup Truck Door Process Bay No. 1			Technical Review complete.	Not in RMIS		
36	Preventative Maintenance Procedures	MP-93-002V	0	SCIC and Seismic Equipment Torque Check	N/A		Procedure currently in Technical Review.	Not in RMIS	93.2	
37	Repair/Maintenance Procedures	MP-25-003V	0	Maintenance of Jordan Pressure Regulators			Technical Review complete.	Not in RMIS		
37	Repair/Maintenance Procedures	MP-48-001V	0	Receive MCO Shield Plug and Assemble			Technical Review complete.			
38	Functional Check Procedures	SP-13-001V	0	Helium Safety Relief Valve Functional Test			Ready for approval.	Not in RMIS	13	
38	Functional Check Procedures	SP-13-006V	0	SCHe System Functional Check in Bay 4			Validation complete.	Not in RMIS	13.2	
38	Functional Check Procedures	SP-13-007V	0	SCHe System Functional Check in Bay 5			Validation complete.	Not in RMIS	13.2	
38	Functional Check Procedures	SP-30-002V	0	Process Bay HVAC Functional Tests			Technical Review complete.	Not in RMIS	30.3	

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38	Functional Check Procedures	SP-30-005V	0	Functional Test of Differential Pressure Remote Alarms			Ready for approval.	Not in RMIS		
38	Functional Check Procedures	SP-93-001V	0	Quarterly SCIC Functional Checks - Bay 4	09/08/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	93.2	
38	Functional Check Procedures	SP-93-003V	0	Quarterly SCIC Functional Checks - Bay 5	09/08/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS	93.2	
38	Functional Check Procedures	SP-93-011V	0	Functional Test of Bay 4 MCO Isolation Valves			Ready for approval.	Not in RMIS	94	
38	Functional Check Procedures	SP-93-012V	0	Functional Test of Bay 5 MCO Isolation Valves			Ready for approval.	Not in RMIS	94	
38	Functional Check Procedures	SP-93-014V	0	Interlock Functional Test - Bay 4	09/08/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
38	Functional Check Procedures		0	Interlock Functional Test	09/08/00		This procedure is maintained and controlled by the SNFP Procedures Group and is available on Hanford Intranet at 'SNF-CVD' on the AP-005 server.	Not in RMIS		
39	PM/S System (Preventative Maintenance Data Sheets	1C-00001	N/A	TSR FUNCT TEST OF VPS CHK VLV	N/A		Component No. VPS-CKV-4112. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00002	N/A	TSR FUNCT TEST OF VPS CHK VLV	N/A		Component No. VPS-CKV-5112. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00003	N/A	TSR GOV FUNCTIONAL TEST	N/A		Component No. VPS-GOV-1517. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00004	N/A	TSR GOV FUNCTIONAL TEST	N/A		Component No. VPS-GOV-1511. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00005	N/A	TSR GOV FUNCTIONAL TEST	N/A		Component No. PWC-GOV-1530. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00006	N/A	TSR GOV FUNCTIONAL TEST	N/A		Component No. PWC-GOV-1503. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00007	N/A	TSR GOV FUNCTIONAL TEST	N/A		Component No. PWC-GOV-1403. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00008	N/A	TSR GOV FUNCTIONAL TEST	N/A		Component No. PWC-GOV-1430. Data Sheets are controlled by Work Control in the JCS system.			

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39	PM/S System (Preventative Maintenance Data Sheets	1C-00009	N/A	TSR GOV FUNCTIONAL TEST	N/A		Component No. VPS-GOV-1411. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00010	N/A	TSR GOV FUNCTIONAL TEST	N/A		Component No. VPS-GOV-1417. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00011	N/A	TSR TEMPERATURE SWITCH CAL	N/A		Component No. TSH-1528. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00012	N/A	TSR TEMPERATURE SWITCH CAL	N/A		Component No. TSH-1529. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00013	N/A	TSR LEVEL SWITCH CALIBRATION	N/A		Component No. LSL-1524. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00014	N/A	TSR TEMPERATURE SWITCH CALIB	N/A		Component No. TSH-1429. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00015	N/A	TSR TEMPERATURE SWITCH CALIB	N/A		Component No. TSH-1428. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00016	N/A	TSR LEVEL SWITCH CALIBRATION	N/A		Component No. LSL-1424. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00017	N/A	TEMPERATURE SWITCH CALIBRATION	N/A		Component No. TSH-1538. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00018	N/A	TEMPERATURE SWITCH CALIBRATION	N/A		Component No. TSH-1539. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00019	N/A	TEMPERATURE SWITCH CALIBRATION	N/A		Component No. TSH-1439. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00020	N/A	TEMPERATURE SWITCH CALIBRATION	N/A		Component No. TSH-1438. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00021	N/A	TEMP INDICATOR/TRANSMITTER CAL	N/A		Component No. TIT-3505. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00022	N/A	TEMP INDICATOR/TRANSMITTER CAL	N/A		Component No. TIT-3512. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00023	N/A	TEMP INDICATOR/TRANSMITTER CAL	N/A		Component No. TIT-3405. Data Sheets are controlled by Work Control in the JCS system.			

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39	PM/S System (Preventative Maintenance Data Sheets	1C-00024	N/A	TEMP INDICATOR/TRANSMITTER CAL	N/A		Component No. TIT-3412. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00025	N/A	TSR SEISMIC RECORDER BAY 4	N/A		Component No. ATR-5437. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00026	N/A	TSR SEISMIC RECORDER BAY 5	N/A		Component No. ATR-5336. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00027	N/A	TSR SEISMIC RECORDER BAY 6	N/A		Component No. ATR-5235. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00028	N/A	TSR SCIC NON-PLC LOGIC FT	N/A		Component No. CP-510. Data Sheets are controlled by Work Control in the JCS system.		93.2	
39	PM/S System (Preventative Maintenance Data Sheets	1C-00029	N/A	TSR SCIC NON-PLC LOGIC FT	N/A		Component No. CP-411. Data Sheets are controlled by Work Control in the JCS system.		93.2	
39	PM/S System (Preventative Maintenance Data Sheets	1C-00030	N/A	TSR PRESSURE INDICATOR CAL	N/A		Component No. PI-5502. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00031	N/A	TSR PRESSURE INDICATOR CAL	N/A		Component No. PI-5521. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00032	N/A	TSR PRESSURE INDICATOR CAL	N/A		Component No. PI-5541. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00033	N/A	TSR PRESSURE INDICATOR CAL	N/A		Component No. PI-5561. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00034	N/A	TSR PRESSURE INDICATOR CAL	N/A		Component No. PI-5402. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00035	N/A	TSR PRESSURE INDICATOR CAL	N/A		Component No. PI-5421. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00036	N/A	TSR PRESSURE INDICATOR CAL	N/A		Component No. PI-5441. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00037	N/A	TSR PRESSURE INDICATOR CAL	N/A		Component No. PI-5461. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00038	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5466. Data Sheets are controlled by Work Control in the JCS system.			

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39	PM/S System (Preventative Maintenance Data Sheets	1C-00039	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5407. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00040	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5409. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00041	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5446. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00042	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5426. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00043	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5428. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00044	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5509. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00045	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5528. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00046	N/A	NON-TSR PRESS INDICATOR CAL	N/A		Component No. PI-1541. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00047	N/A	NON-TSR PRESS INDICATOR CAL	N/A		Component No. PI-1540. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00048	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5526. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00049	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5546. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00050	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5507. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00051	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5566. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00052	N/A	NON-TSR PRESS INDICATOR CAL	N/A		Component No. PI-1440. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00053	N/A	TSR PRESSURE INDICATOR CALIB	N/A		Component No. PI-5420. Data Sheets are controlled by Work Control in the JCS system.			

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39	PM/S System (Preventative Maintenance Data Sheets	1C-00054	N/A	TSR PRESSURE INDICATOR CALIB	N/A		Component No. PI-5520. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00055	N/A	NON-TSR PRESS INDICATOR CAL	N/A		Component No. PI-1441. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00056	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5548. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00057	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5448. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00058	N/A	FLOW TRANSMITTER CALIBRATION	N/A		Component No. FIT-1421. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00059	N/A	FLOW TRANSMITTER CALIBRATION	N/A		Component No. FIT-1420. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00060	N/A	FLOW TRANSMITTER CALIBRATION	N/A		Component No. FIT-1520. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00061	N/A	FLOW TRANSMITTER CALIBRATION	N/A		Component No. FIT-1521. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00062	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5568. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00063	N/A	PRESSURE GAUGE CALIBRATION	N/A		Component No. PI-5468. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00064	N/A	TSR PRESSURE INSTRUMENT CALS	N/A		Component No. PT-1436. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00065	N/A	TSR PRESSURE INSTRUMENT CALS	N/A		Component No. PT-1437. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00066	N/A	TSR PRESSURE INSTRUMENT CALS	N/A		Component No. PT-1410. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00067	N/A	TSR PRESSURE INSTRUMENT CALS	N/A		Component No. PT-1510. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00068	N/A	TSR PRESSURE INSTRUMENT CALS	N/A		Component No. PT-1536. Data Sheets are controlled by Work Control in the JCS system.			

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39	PM/S System (Preventative Maintenance Data Sheets	1C-00069	N/A	TSR PRESSURE INSTRUMENT CALS	N/A		Component No. PT-1537. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00070	N/A	TSR PRESSURE INSTRUMENT CALS	N/A		Component No. PT-1508. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00071	N/A	TSR PRESSURE INSTRUMENT CALS	N/A		Component No. PT-1408. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00072	N/A	CALIBRATE PRESSURE TRANSMITTER	N/A		Component No. PT-5401. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00073	N/A	CALIBRATE PRESSURE TRANSMITTER	N/A		Component No. PT-1434. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00074	N/A	CALIBRATE PRESSURE TRANSMITTER	N/A		Component No. PT-1534. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00075	N/A	CALIBRATE PRESSURE TRANSMITTER	N/A		Component No. PT-5460. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00076	N/A	CALIBRATE PRESSURE TRANSMITTER	N/A		Component No. PT-5440. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00077	N/A	CALIBRATE PRESSURE TRANSMITTER	N/A		Component No. PT-5420. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00078	N/A	CALIBRATE PRESSURE TRANSMITTER	N/A		Component No. PT-5520. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00079	N/A	CALIBRATE PRESSURE TRANSMITTER	N/A		Component No. PT-5540. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00080	N/A	CALIBRATE PRESSURE TRANSMITTER	N/A		Component No. PT-5560. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00081	N/A	CALIBRATE PRESSURE TRANSMITTER	N/A		Component No. PT-5501. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00082	N/A	NON-TSR LEVEL TRANSMITTER CAL	N/A		Component No. LE/LT-0036. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00083	N/A	NON-TSR PRESS INDICATOR CAL	N/A		Component No. PI-0033. Data Sheets are controlled by Work Control in the JCS system.			

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39	PM/S System (Preventative Maintenance Data Sheets	1C-00084	N/A	NON-TSR PRESS INDICATOR CAL	N/A		Component No. PI-0038. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00085	N/A	NON-TSR PRESS INDICATOR CAL	N/A		Component No. PI-0031. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00086	N/A	TSR OPERATIONAL CHECK OF DG	N/A		Component No. DG-1. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00087	N/A	TSR OPERATIONAL CHECK OF DG	N/A		Component No. DG-1. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00088	N/A	TSR OPERATIONAL CHECK OF DG	N/A		Component No. DG-1. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00089	N/A	NON-TSR PRESS TRANSMITTER CAL	N/A		Component No. PT-0035. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00090	N/A	VERIFY ANCHOR BOLT TORQUE	N/A		Component No. CP-511. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00091	N/A	VERIFY ANCHOR BOLT TORQUE	N/A		Component No. CP-510. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00092	N/A	VERIFY ANCHOR BOLT TORQUE	N/A		Component No. CP-410. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00093	N/A	VERIFY ANCHOR BOLT TORQUE	N/A		Component No. CP-411. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00094	N/A	TSR FLOW INDICATING SWITCH CAL	N/A		Component No. FIS-8252. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00095	N/A	TSR FLOW INDICATING SWITCH CAL	N/A		Component No. FIS-8352. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00096	N/A	TSR FLOW INDICATING SWITCH CAL	N/A		Component No. FIS-8452. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00097	N/A	TSR FLOW INDICATING SWITCH CAL	N/A		Component No. FIS-8552. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00098	N/A	TSR SCIC NON-PLC LOGIC FT	N/A		Component No. CP-510. Data Sheets are controlled by Work Control in the JCS system.		93.2	

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39	PM/S System (Preventative Maintenance Data Sheets	1C-00099	N/A	TSR SCIC PLC CALIBRATION	N/A		Component No. CP-41. Data Sheets are controlled by Work Control in the JCS system.0		93.2	
39	PM/S System (Preventative Maintenance Data Sheets	1C-00100	N/A	TSR SCIC PLC CALIBRATION	N/A		Component No. CP-511. Data Sheets are controlled by Work Control in the JCS system.		93.2	
39	PM/S System (Preventative Maintenance Data Sheets	1C-00101	N/A	TSR PRESS DIFF TRANSMITTER CAL	N/A		Component No. PDIT-8420. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00102	N/A	TSR PRESS DIFF TRANSMITTER CAL	N/A		Component No. PDIT-8520. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00103	N/A	TSR LOGIC FUNCTIONAL CHECK	N/A		Component No. CP-121. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00104	N/A	TSR LOGIC FUNCTIONAL CHECK	N/A		Component No. CP-120. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00105	N/A	TSR LEVEL SWITCH CAL	N/A		Component No. LSL-1525. Data Sheets are controlled by Work Control in the JCS system.			
39	PM/S System (Preventative Maintenance Data Sheets	1C-00106	N/A	TSR LEVEL SWITCH CAL	N/A		Component No. LSL-1425. Data Sheets are controlled by Work Control in the JCS system.			
40	QA Inspection Plans	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
41	QA Program Plan	HNF-MP-599	4	Quality Assurance Program Description	01/14/00		Located in Docs on line			
41	QA Program Plan	Qapp-OCRWM-001	6	Quality Assurance Program Plan for Implementation of the OCRWM QARD for the Spent Nuclear Fuel Project	06/20/00			D833766		
41	QA Program Plan	SNF-4948	1	Spent Nuclear Fuel Project Quality Assurance Plan	08/04/00	ECN 710572	Approved and implemented	D8388494		
42	Vendor Information Files	EM-9901-DUK-010	1	Certified Material Test Reports, Certificates of Conformance, and/or Certificates of Calibration	02/15/00	P-02/82.2	VI-50038, Supp. 10. Stored in Document Control Station, MO-500/132			
43	Comprehensive Equipment List	SNF-4148	2	Spent Nuclear Fuel Project Cold Vacuum Drying Facility Master Equipment List	08/01/00		See Category 18, this section.	D8408450		
44	Spare Parts List	Not assigned	draft	SNF Facilities and Systems Spare Parts Status	pending	N/A	Draft is in Review/Comment			

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1	Final Safety Analysis Report	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Safety Equipment List (SEL)	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Operational Safety Documents	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Design Criteria	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	System Design Description	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Test Plan/Specifications	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Construction Acceptance Tests - Procedures and Reports	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7A	Factory Acceptance Tests			Admin Area HVAC Sequence of Operations Acceptance Test Procedure		W441- C10906	Approved with comments - resubmit		30	
7A	Factory Acceptance Tests			SCIC Factory Acceptance Test Report		W441- SOW/012	Information/Record		93.2	
7A	Factory Acceptance Tests		draft	UPS Acceptance Test Procedure		W441- C10842	Approved with comments		20.4	
8	PAT Procedure(s)/Reports	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Environmental Impact Statement	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Environmental Permit	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Solid Waste Disposal Plan/Procedure	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Supporting Calculation	SNF-7050		M&D-V&V-05-01: STAAD Verification of M&D Workstation(s), M&D Professional Services, Inc. 4/20/00			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-A: Storm Runoff System. 8/21/96			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-B: Flood. 3/11/97			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-C: Storm 1. 3/11/97			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-D: Storm 2. 3/11/97			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-E: Flagnotes for page 202. 3/11/97			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-F: Volume at point 1 from Area 1-3. 3/11/1997			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-G: Volume at point 2 from Area 3. 3/11/1997			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-H: Peak Flow and Time of Concentration. 3/11/1997			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-i: Point 3. 3/11/1997			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-J: Channel Section at Point 1 & 2. 3/11/1997			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-K: Check Channel Velocities. 3/11/1997			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-L: Storm 3. 3/11/1997			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-M: Retention Ponds. 9/19/96			Document Pending.			

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12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-N: Area 2. 9/20/96			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-O: Area 3 & 4. 9/20/96			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-P: Area 5. 9/20/96			Document Pending.			
12	Supporting Calculation	SNF-7050		MEI-2288-CV-01-Q: Time of Concentration. 3/11/96			Document Pending.			
12	Supporting Calculation	SNF-4088	1	CVDF Electrical System CAPTOR/DAPPERA Study, ECN-655272, G. Singh, Numatec Hnatford Corp.	09/24/99		Available in RMIS.	D80933309	20	
12	Supporting Calculation	SNF-7060		DCN-057-E.1: UPS Sizing and Load List/ Facility UPS Design. 2/3/98			Document Pending.		20.4	
12	Supporting Calculation	SNF-7060		MEI-2288-EL-01: Lighting Levels and Fixture Type Determination. 9/21/96			Document Pending.		20.2	
12	Supporting Calculation	SNF-7060		MEI-2288-EL-02: Aluminum Company of America SAG and Tension Data. 9/21/96			Document Pending.			
12	Supporting Calculation	SNF-7060		MEI-2288-EL-03: Electrical Service & Feeder Sizing Determination. 9/21/1996			Document Pending.		20	
12	Supporting Calculation	SNF-7060		MEI-2288-EL-04: Fault Current & Equipment Rating Determination. 9/21/1996			Document Pending.		20	
12	Supporting Calculation	SNF-7060		MEI-2621-EL-005: Fire Panel Battery Usage. 12/13/99			Document Pending.		24	
12	Supporting Calculation	SNF-7060		MEI-2621-EL-006: Strobe Circuit Resistance. 12/13/99			Document Pending.			
12	Supporting Calculation	SNF-7060		MEI-2621-ME-5: Determine HVAC Requirements for the CVDF Standby Generator Building, J. C. Mc Conwell, Meter. 5/10/99			Document Pending.		30	
12	Supporting Calculation	SNF-7049	1	MEI-2288-ME-01-C: Pump Calcs for PWC-P-4001			Document Pending.			
12	Supporting Calculation	SNF-7061		CVD-8 Stack Monitoring: Differential Pressure through CVDF Stack. 11/1/1996			Document Pending.		50	
12	Supporting Calculation	SNF-7061		MER-2288-HV-01: General Design Parameters. 11/1/96			Document Pending.			
12	Supporting Calculation	SNF-7061		MER-2288-HV-02: Building Transmission Factors. 11/1/96			Document Pending.			
12	Supporting Calculation	SNF-7061		MER-2288-HV-03: Process Bays Room Design Criteria. 9/18/96			Document Pending.		6.2	
12	Supporting Calculation	SNF-7061		MER-2288-HV-04: Process Bays Cooling and Heating Load Summary. 11/01/96			Document Pending.		30.2	
12	Supporting Calculation	SNF-7061		MER-2288-HV-05: Process Bays Psychometrics (Cooling). 11/01/96			Document Pending.		30.2	
12	Supporting Calculation	SNF-7061		MER-2288-HV-06: Process Bays Psychometrics (Heating). 11/1/1996.			Document Pending.		30.2	
12	Supporting Calculation	SNF-7061		MER-2288-HV-07: General Supply System Room Design Criteria. 11/1/1996			Document Pending.			

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12	Supporting Calculation	SNF-7061		MER-2288-HV-08: General Supply System Cooling and Heating Load Summary. 11/1/1996			Document Pending.		30	
12	Supporting Calculation	SNF-7061		MER-2288-HV-09: General Supply System Psychometrics (Cooling). 11/1/1996			Document Pending.		30	
12	Supporting Calculation	SNF-7061		MER-2288-HV-10: General Supply System Psychometrics (Heating). 11/1/1996			Document Pending.		30	
12	Supporting Calculation	SNF-7061		MER-2288-HV-11: Administration Area Room Design Criteria. 11/1/1996			Document Pending.		6.1	
12	Supporting Calculation	SNF-7061		MER-2288-HV-12: Administration Area Cooling and Heating Load Summary. 11/1/1996			Document Pending.		30.1	
12	Supporting Calculation	SNF-7061		MER-2288-HV-13: Administration Area System Psychometrics (Cooling). 11/1/1996			Document Pending.		30.1	
12	Supporting Calculation	SNF-7061		MER-2288-HV-14: Administration Area System Psychometrics (Heating). 11/1/1996			Document Pending.		30.1	
12	Supporting Calculation	SNF-7061		MER-2288-HV-15: Chilled Water Load Summary. 11/1/1996			Document Pending.		47.3	
12	Supporting Calculation	SNF-7061		MER-2288-HV-16, 16.1: Electric Heating Coil Load Summary/Unit Heater Calculations. 11/1/1996			Document Pending.		30	
12	Supporting Calculation	SNF-7061		MER-2288-HV-17: Fan Pressure Calculations. 8/28/1996			Document Pending.			
12	Supporting Calculation	SNF-7061		MER-2288-HV-18: Pump Pressure Calculations. 9/24/1996			Document Pending.			
12	Supporting Calculation	SNF-7061		MER-2288-HV-19: No longer applies (Local Exhaust Hood Calculations)	tbd		Document Pending.		30.4	
12	Supporting Calculation	SNF-7061		MER-2288-HV-20: Exhaust Stack Sizing. 12/9/1996			Document Pending.		30.4	
12	Supporting Calculation	SNF-7061		MER-2288-HV-21: Seismic Restraints for Ductwork. 10/1/1996			Document Pending.			
12	Supporting Calculation	SNF-7061		MER-2288-HV-22: Trane Split Chilled Refrigerant Line Sizing. 7/2/1996			Document Pending.			
12	Supporting Calculation	SNF-7061		MER-2288-HV-23: Chilled Water System Expansion Tank Sizing. 9/10/1996			Document Pending.		47.3	
12	Supporting Calculation	SNF-7061		MER-2288-HV-C, C1: HVAC Computer Load Calculation. 11/1/1996			Document Pending.		30	
12	Supporting Calculation	SNF-7061		MER-2288-HV-C2.1: Sample HVAC Load Calculation for Computer Load Program Validation (Sample #2). 3/6/1997			Document Pending.		30	
12	Supporting Calculation	SNF-7061		MER-2288-HV-C2: Sample Zone Load Calculation for Computer Load Program Verification. 11/6/1996			Document Pending.			

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12	Supporting Calculation	SNF-7061		PNL-10816UC-702: Generic Air Sampler Probe Tests, Pacific Northwest Laboratory, Richland, Washington. 1/1/1995			Document Pending.		5.2	
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-A: Correction Factor for SCM 160 Pipe. 9/23/1996			Document Pending.			
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-B: System Curve. 9/23/1996			Document Pending.			
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-C: Estimate LW-P-7060 Head Required. 3/5/1998			Document Pending.			
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-D: Determine Size of LW-TK-4002. 10/16/1996			Document Pending.			
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-E: Determine Size & Depth of Fire Water Retention Basin. 9/13/1996			Document Pending.		24	
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-F: Confirm Adequate Scope in EF. 9/13/1996			Document Pending.			
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-G: Design a Temporary Holding Tank Sewage System. 3/14/1997			Document Pending.		27	
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-H: Determine Depth of Sams Main. 7/26/1996			Document Pending.			
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-I: Estimate N2 & He use. 9/12/1996			Document Pending.		13/12	
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-J: Estimate Total N2 & He use. 9/12/1996			Document Pending.			
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-K: Determine Capacity of Liquid N2 Storage Required. 9/19/1999			Document Pending.			
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-L: Determine Pipe Size for Gas System. 9/12/1996			Document Pending.		13/12	
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-M: Determine Cost of Compressed Air. 8/14/1996			Document Pending.		12	
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-N: Determine Size of Air Compressor. 9/12/1996			Document Pending.		12	
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-O: Determine DI Pressure Available at Skid. 9/13/1996			Document Pending.		25	
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-P: DI Tank Loss. 9/13/1996			Document Pending.		25	
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-Q: Total Pressure Loss. 9/13/1996			Document Pending.			
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-R: Estimate Change Pressure Required for TWC. 10/16/1996			Document Pending.		47.2	
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-S: Determine Supply & Initial Pressures for TWC. 9/19/1996			Document Pending.		47.2	
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-T: Determine Pressure Tank Size for TWC. 9/19/1996			Document Pending.		47.2	
12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-U: Estimate Temperature and Change Pressure for VPSCHW. 9/19/1996			Document Pending.		47.4	

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12	Supporting Calculation	SNF-7062		MEI-2288-ME-01-V: Determine Pump Head for VPSCHW Chiller. 10/16/1996			Document Pending.		47.4	
12	Supporting Calculation	SNF-7062		MEI-2621-ME-01: Size the Compressed Air Receiver Tank for the CVDF. 9/17/1998			Document Pending.		12	
12	Supporting Calculation	SNF-7062		MEI-2621-ME-02: Determine Cooling Requirements for the UPS in Room 129 to CVDF. 10/20/1998			Document Pending.		20.4	
12	Supporting Calculation	SNF-7062		MEI-2621-ME-03: Size the Helium Gas Piping for the CVDF. 1/29/1999			Document Pending.		13	
12	Supporting Calculation	SNF-7062		MEI-2621-ME-04: Process Bay Freeze Protection. 1/29/1999			Document Pending.		6.2	
12	Supporting Calculation	SNF-7062		MEI-2621-ME-06: Determine Flow Rates and Bay Pressure. 6/30/1999			Document Pending.			
12	Supporting Calculation	SNF-7062		MEI-2621-ME-07: Determine Fuel Consumption of Stand-by Generator. 5/20/1999			Document Pending.			
12	Supporting Calculation	SNF-7062		MER-2288-CA1: CVDF CA/IA Consumption Calculation (and Receiver Sizing)-SUPERCEDED BY MEI-2621-ME01. 3/29/1998			Document Pending.		12	
12	Supporting Calculation	SNF-7063		CVD-26: Maximum Flowrate Through CA-PCV-1"13 AT Pin = 100 psig & Pout = 30 psig. 10/23/1998			Document Pending.			
12	Supporting Calculation	SNF-7063		CVD-26a: Maximum Flowrate Through CA-SRV-1"18. 10/23/1998			Document Pending.			
12	Supporting Calculation	SNF-7063		CVD-27: Process Gas Flowrate Through He-FV-1"20. 10/23/1998			Document Pending.		13	
12	Supporting Calculation	SNF-7063		CVD-3 pH: Size FV-1"19 Nitrogen/Helium Purge Control. 8/26/1996			Document Pending.		13	
12	Supporting Calculation	SNF-7062		ME-2621-FP-02 Formerly MEI-2288-FP-02: Determine Hydraulic Design Information For CVDF Hydraulic Area 2. 9/9/1999			Document Pending.			
12	Supporting Calculation	SNF-7062		ME-2621-FP-03 Formerly MEI-2288-FP-03: Determine Hydraulic Design Information For CVDF Hydraulic Area 1. 9/9/1999			Document Pending.			
13	Stress / Design Report	SNF-7050		FDNW-5541: Cold Vacuum Drying Facility Precast Panel Calculation Summary Report, external letter, G. P. Chevrier, Numatec Hanford Company to A. S. Daughtridge, Duke Engineering and Services Hanford Transmittal Letter #NHC-9780595. 11/7/1997			Document Pending.			
13	Stress / Design Report	SNF-7050		MEI-2288-ST-01-A: Snow Drifts. 8/31/1996			Document Pending.			

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13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-A: Design Foundation, 50' x 60' Pre-Eng. Bldg. 4/29/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-B: Footing Type A. 4/29/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-C: Snow. 4/29/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-D: F 202 Exterior. 1/25/1995			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-E: Footing Type C & B. 4/29/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-F: F 201 Exterior. 1/25/1995			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-G: Footing Type D. 8/20/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-H: F 204 Exterior. 2/14/1995			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-I: Footing Type A. 8/21/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-J: Hair Pins Along Gridline 7 thru 9. 8/30/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-K: Hair Pins. 1/17/1995			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-L: Allowable deflection of Building. 9/3/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-M: Office Vestibule. 9/12/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-N: Roof Section. 9/12/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-O: Joist. 9/12/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-02-P: Walls. 9/12/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-03-A: Size Ceiling Framing. 9/15/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-03-B: Size Header. 9/15/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-04-A: Wind Forces & Tornado. 8/30/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-04-B: Corners & Edges. 8/30/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-04-C: Missile Impact. 8/29/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-04-D: Revised Missile Criteria. 10/28/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-05-A: Process Area Roof Design. 8/30/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-05-B: Roof Deck. 8/30/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-05-C: Roof Beam. 8/31/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-05-D: Purlins at Middle Roof. 8/31/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-05-E: Preliminary E-W Beam. 8/31/1996			Document Pending.			

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13	Stress / Design Report	SNF-7051		MEI-2288-ST-05-F: Purlin Flange Bracing. 8/31/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-05-G: Ponding. 8/31/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-05-H: Roof Beam Line 2 & 7. 9/6/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-A: Estimated Bridge Crane loads. 5/1/1996			Document Pending.		14	
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-B: Loads to Runway Beam. 5/21/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-C: Loads to Column. 5/2/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-D: Bridge Crane. 8/26/1996			Document Pending.		14	
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-E: Crane Runway and Connections. 3/18/1997			Document Pending.		14	
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-F: Lateral Force from Bridge Crane. 3/15/1997			Document Pending.		14	
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-G: Seismic Forces on Bridge Crane. 3/15/1997			Document Pending.		14	
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-H: STADD Model of Bridge Crane. 3/15/1997			Document Pending.		14	
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-I: Check "Stub Beam" Connection. 3/16/1997			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-J: Stub Beam. 3/15/1997			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-K: Shear Stress. 3/16/1997			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-L: Check Stress on Welded Connection. 3/24/1997			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-06-M: Braces. 3/16/1997			Document Pending.			
13	Stress / Design Report	Submittal 97	NA	Bridge Cranes/Complete Track	03/04/98		Available in RMIS.		14	
13	Stress / Design Report	Submittal 97.2	NA	Bridge Cranes/ Calculations	04/01/99		Available in RMIS.		14	
13	Stress / Design Report	Submittal 97.2A	NA	Bridge Cranes/ Calculations/NCR-50	06/03/99		Available in RMIS.		14	
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-A: Size Beams for 2nd Floor. 6/26/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-B: Check Deck Plate. 6/26/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-C: Stairs. 6/26/1996			Document Pending.		6	
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-D: Beams A & B. 6/26/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-E: Beams C & D. 7/8/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-F: Beams E & F. 7/9/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-G: Beam G. 7/9/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-H: Beam L. 7/9/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-I: Wind Girt. 7/9/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-J: Strut From Girt to 2nd Floor. 9/9/1996			Document Pending.			

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13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-K: Mezzanine Columns. 7/9/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-L: Column C. 7/9/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-M: Footings for Mezzanine Columns. 8/19/1996			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-N: Wind Girt at Line E/L = 10'-3". 3/18/1997			Document Pending.			
13	Stress / Design Report	SNF-7051		MEI-2288-ST-07-O: Check Mezzanine for Loads. 7/14/1997			Document Pending.			
13	Stress / Design Report	SNF-7051		Revise Second Floor Framing. 8/25/1999			Document Pending.			
13	Stress / Design Report	SNF-7051		Repair W12x19 Beam Cut During Installation of the Hood Stand. 9/8/1999			Document Pending.			
13	Stress / Design Report	SNF-7051		Process Bay Structures. 3/7/2000			Document Pending.		6.2	
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-KK: Design Embedded Connection in Panels. 8/27/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-LL: Determine Load on Panel Embeds from Lateral Bracing for Girts at Column Line A. 8/26/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-MM: Determine Load on Panel Embeds from Lateral Bracing for Girts at Column Line 5. 8/26/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-NN: Determine Ultimate Load on Precast/Prestressed Panel. 8/28/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-OO: Determine Load on Transfer Corridor 2nd Floor Connection. 8/27/1997			Document Pending.		6.3	
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-PP: Determine Load on Ladder Support Embed. 8/26/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-QO: Determine Loads for Columns Connection to Precast/Prestressed Panel. 8/28/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-RR: Determine Tornado Uplift Loads on Precast/Prestressed Panels. 8/27/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08: Uplift from Admin. Bldg. 1/13/1997			Document Pending.		6.1	
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08 W&X: Check Process Area for Tornado Loads from Admin. Bldg. 1/13/1997			Document Pending.		6.1	
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-A: Lateral Wind Loads Due to Wind and Tornado. 9/13/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-AA: Check W12x50 Wind Girt. 1/14/1997			Document Pending.			

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13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-B: Design Wall Panel Line A&E. 9/13/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-BB: Check Increase in Uplift from Transfer Bldg. 1/14/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-C: East-West Direction. 9/13/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-CC: RCR 4-6, Roof Plate Diaphragm. 1/17/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-D: Provide Brace to Transfer Force. 9/13/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-DD: W/L-E-W Direction. 1/17/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-E: Bracing STADD Model. 7/1/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-EE: Spring Constant for Concrete shear Wall. 1/13/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-F: Point Loads for Tornado. 10/28/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-FF: Redo Shear Wall on pg. L43. 1/13/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-G: Check Connection, detail 5, sht 82129. 10/30/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-GG: W/L-E-W/Tank Room. 1/17/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-H: Endwall, Line 2 & 7. 9/5/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-HH: W/L-N-S/Tank Room. 1/17/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-I: Middle Endwall Columns. 8/28/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-II: RCR 4-8 (Shear Wall). 1/13/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-J: Columns at Endwall. 9/6/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-JJ: Redo Shear Wall on pg. L44. 1/4/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-K: Girts, Line A. 9/6/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-L: Section F. 9/6/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-M: Section E. 9/5/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-N: Shielding at Columns C & 1- 7. 9/5/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-O: Tank Area. 1/4/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-P: East West. 1/4/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-Q: Shear Wall East. 1/4/1997			Document Pending.			

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13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-R: Shear Wall A. 1/4/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-S: Shear Wall 7. 1/4/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-T: Shear Wall Line 2. 1/4/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-U: Shear Wall F & C.8. 1/4/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-V: Shear Wall Line 1. 1/4/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-Y: Uplift from Additional Admin. Bldg. 1/13/1997			Document Pending.		6.1	
13	Stress / Design Report	SNF-7052		MEI-2288-ST-08-Z: Uplift From Transfer Corridor. 1/13/1997			Document Pending.		6.3	
13	Stress / Design Report	SNF-7052		MEI-2288-ST-09-A: Cast Trailer Support Foundations. 7/3/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-A: Combined Footings. 8/23/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-AA: Design Sump Pit for Process Bays. 1/21/1998			Document Pending.		6.2	
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-B: Footing at FTG-5. 8/23/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-C: Footing along Gridline C. 8/23/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-D: Footing along Gridline A. 8/23/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-E: Continuous Footings. 8/22/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-F: continuous Footing along Gridline F. 1/8/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-G: Process Area Floor Slab. 9/5/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-H: Footing 7. 1/8/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-I: Check Skd Beam Anchorage. 7/16/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-J: Check Uplift on Footings. 11/2/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-K: Anchor Bolts at Tank Room. 3/29/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-L: Anchor Bolts at Line 2 & 7. 3/29/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-M: Anchor Bolts at C 3-6. 3/29/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-N: Anchor Bolts at A 3-6. 3/29/1997			Document Pending.			

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13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-O: Anchor Bolts at E 3-6. 4/1/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-P: Revise Connection Section A/H-1-82/26. 3/18/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-Q: Check Column for Shears. 3/18/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-R: Check Section Wt for Section A. 3/18/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-S: Precast Panel(s) Anchor Bolts. 4/29/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-T: Line 2. 4/30/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-U: Line 3, 4, 5, 6 (At line A or Line E). 4/30/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-V: Line 3, 4, 5, 6 At location where (1) embed takes load from (2) panel. 4/29/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-W: Precast Panel(s) Footing Anchors. 4/30/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-X: Design Footing Anchor "F" for Maximum Seismic and Wind Loads From Precast Panels on Line E, C, 7, F, and 1. 4/30/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-Y: Design Footing Anchor "E" for Twice the Maximum Seismic and Wind Loads used for Footing Anchor "F". 4/30/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-10-Z: Base Connections at A&7, A&2, E&2, C 7 & 2. 4/30/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		Per NCR 29, (2) #5 Bars in Wall not Properly Installed. Provide New Wall Reinforcing. 9/11/1998			Document Pending.			
13	Stress / Design Report	SNF-7052		Check Process Water Conditioning Skid Support Plates in PWC Tank Room. 1/6/1999			Document Pending.		6.2	
13	Stress / Design Report	SNF-7052		MEI-2288-ST-11-A: Transfer Corridor Roof Framing. 9/3/1996			Document Pending.		6.3	
13	Stress / Design Report	SNF-7052		MEI-2288-ST-11-B: Purlins. 7/9/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-12-A: Mechanical Room Beam Size. 6/26/1996			Document Pending.		6.4	
13	Stress / Design Report	SNF-7052		MEI-2288-ST-12-B: Beam A & B. 6/26/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-12-C: Mechanical Room Mezzanine Column Size. 6/27/1996			Document Pending.		6.4	
13	Stress / Design Report	SNF-7052		MEI-2288-ST-12-D: Maximum Loads due to HVAC Equipment. 7/14/1997			Document Pending.		30	

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13	Stress / Design Report	SNF-7052		MEI-2288-ST-12-E: Check Concrete Diaphragm for Ultimate Shear Load. 7/15/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-13-A: Lateral Loads on "Lean To". 9/5/96			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-13-B: Stadd Model of "Lean To". 9/5/96			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-13-C: Determine Kz for W10x49 Columns in "Lean To" Stadd. 1/6/97			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-13-D: Wind in N-S Direction. 9/5/96			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-13-E: Braced Bay. 9/5/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-13-F: Size Rod Bracing to Transfer Loads. 10/30/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-13-G: Alternative to 1/2" Rod Bracing. 1/6/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-14-A: Area Under "Lean To" Mezzanine. 9/15/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-14-B: Alternative Header. 9/16/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-A: Size steel Section for Tank Room. 12/10/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-B: Roof Framing. 12/10/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-C: Beam D & F. 12/10/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-D: Columns & Roof Deck. 12/11/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-E: Footings. 12/31/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-F: F203 Exterior, Resistance to Uplift. 2/14/1995			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-G: Footings at Gridlines E and Z. 12/31/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-H: Anchor Bolts. 12/31/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-I: Base Plates. 12/31/1996			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-J: Wind Girt at Tank Room. 3/16/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-K: Tank Anchors. 4/3/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-L: Clip Angle. 4/3/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-M: Tank Foundation. 4/3/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-N: Wind Loads. 4/3/1997			Document Pending.			
13	Stress / Design Report	SNF-7052		MEI-2288-ST-15-O: Angle Iron. 4/4/1997			Document Pending.			
13	Stress / Design Report.	SNF-7052		MEI-2288-ST-15-P: IXM Foundation. 4/3/1997			Document Pending.			

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13	Stress / Design Report	SNF-7052	0	MEI-2288-ST-16-A: Stair Tower. 9/12/1996			Document Pending.		6	
13	Stress / Design Report	SNF-7052	0	MEI-2288-ST-16-B: Support Beam. 9/12/1996			Document Pending.			
13	Stress / Design Report	SNF-7052	0	MEI-2288-ST-16-C: Wall Design. 9/12/1996			Document Pending.			
13	Stress / Design Report	SNF-7052	0	MEI-2288-ST-16-D: Strap Bracing. 9/12/1996			Document Pending.			
13	Stress / Design Report	SNF-7052	0	MEI-2288-ST-16-E: Shear Walls. 9/12/1996			Document Pending.			
13	Stress / Design Report	SNF-7052	0	MEI-2621-ST-16-F: Exterior Stairway Calcs. 1/8/1999			Document Pending.		6	
13	Stress / Design Report	SNF-7052	0	MEI-2621-ST-16-G: Check Fastener Anchors. 7/21/1998			Document Pending.			
13	Stress / Design Report	SNF-7053		MEI-2621-ST-17-A: Generator Building. 4/22/1999			Document Pending.			
13	Stress / Design Report	MRV-SBW-482901	0	Analysis of Tornado/Tomado Missile Risk to New SNFP Facility; Final Report, M. M. Beary, Contract MRV-SBW-482901, Science Applications International Corporation, Fitchland, Washington	08/01/96		Document Available in RMIS			
13	Stress / Design Report	Report H-1435-01	0	Shannon and Wilson, Geotechnical Engineering Studies, Cold Drying Vacuum Facility, 100KW Area, Hanford Reservation, Washington, Shannon and Wilson Company, Kennewick, Washington.	01/01/97		Document Available in RMIS			
13	Stress / Design Report	SNF-7053		MEI-2621-EQ-01: Check Supports for Wall Mounted Piping in Process Bays. 10/13/1998			Document Pending.		6.2	
13	Stress / Design Report	SNF-7053		MEI-2621-EQ-02: Check Hold Down For Airborne Effluent Monitoring System. 10/30/1998			Document Pending.		5.2	
13	Stress / Design Report	SNF-7053		MEI-2621-EQ-03: HVAC W8X18 Support Beam. 11/1/1998			Document Pending.		30	
13	Stress / Design Report	SNF-7053		MEI-2621-EQ-04: Check HVAC Unit Weld. 11/19/1998			Document Pending.		30	
13	Stress / Design Report	SNF-7053		MEI-2621-EQ-05: Check Support for SCHe Tubing From SCHe Panel to process Hood. 2/12/1999			Document Pending.		13.2	
13	Stress / Design Report	SNF-7053		MEI-2621-EQ-06: Design Anchors for Process Equipment Skid. 8/16/1999			Document Pending.			
13	Stress / Design Report	SNF-7053		MEI-2621-EQ-07: Design New Foundation for CVD Hood Support. 6/3/1999			Document Pending.			
13	Stress / Design Report	SNF-7053		MEI-2621-EQ-08: Design of Process Hood Stand Base Plates, Anchor Bolts and Foundation. 7/14/1999			Document Pending.			

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13	Stress / Design Report	SNF-7053		MEI-2621-EQ-09: Revise Hanger H2 (H-1-82231) Seismic Brace Due to Interference with Ductwork. 6/24/1999			Document Pending.			
13	Stress / Design Report	SNF-7053		MEI-2621-EQ-10: Stack Effluent Monitoring System Bridge. 8/5/1999			Document Pending.			
13	Stress / Design Report	SNF-7053		MEI-2621-EQ-12: Determine Maximum Weight/Foot Applied Uniformly on 1'd Schedule 160 304L PWC line. 4/18/2000			Document Pending.			
13	Stress / Design Report	SNF-7053		00-0006-A: Cold Vacuum Drying Facility Transfer Corridor Custom Conduit Hanger Design Calculations. 3/28/2000			Document Pending.		6.3	
13	Stress / Design Report	00-0017	0	Cask Response Spectra for The TN-DE&SH Transportation Trailer System	07/12/00		Available in RMIS.		94	
13	Stress / Design Report	HNF-2179	0	Seismic Analysis of the TN-DE&SH Cask Transportation Trailer System for the CVD Facility. (RFP-W-A36182-GW), PacTec Inc, Tacoma, Washington	03/05/98		Approved - Released and Controlled in the Hanford Document Control System		94	
13	Stress / Design Report	HNF-3034	0	SNF Cask Coupling Seismic and Stress Analysis, EDT# 625218, D. M. Chenault, Duke Engineering & Services Hanford, Richland, Washington.	08/18/98		Approved - Released and Controlled in the Hanford Document Control System		94	
13	Stress / Design Report	Letter #98-461		CVDF Lightning Protection Requirement Analysis, Phil Gallagher Project Design Lead, Mactec-Meier Associates	10/30/98		Available in RMIS.			
13	Stress / Design Report	SNF-7054		96004.1.2: Seismic Evaluation of Cold Vacuum Drying Facility Secondary Enclosure and Process Water Tank Room. 5/4/1998			Document Pending.		6.2	
13	Stress / Design Report	SNF-7054		MER-2228-S-04: Supports for IXM. 11/1/1997			Document Pending.			
13	Stress / Design Report	SNF-7054		MER-2228-S-07: Sampling Equipment and Pipe Runs. 11/1/1997			Document Pending.			
13	Stress / Design Report	SNF-7054		MER-2288-S-01: Exhaust Stack and Pipe Runs. 11/1/1997			Document Pending.			
13	Stress / Design Report	SNF-7055		MER-2288-S-010: Computer Program Validation for RISAS-3D. 3/21/1997			Document Pending.			
13	Stress / Design Report	SNF-7055		MER-2288-S-011: HVAC Isolation Dampers Supports. 11/1/1997			Document Pending.		30	
13	Stress / Design Report	SNF-7055		MER-2288-S-014: Computer Program Validation for STADD-III. 4/16/1997			Document Pending.			
13	Stress / Design Report	SNF-7057		MER-2288-S-02: Bridge Crane Support. 11/1/1997			Document Pending.		14	
13	Stress / Design Report	SNF-7057		MER-2288-S-03: HEPA Filter Containment Housing. 11/1/1997			Document Pending.			
13	Stress / Design Report	SNF-7058		MER-2288-S-08: Cask Transporter Restraint System Structures. 11/1/1997			Document Pending.		94	

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13	Stress / Design Report	SNF-7060	0	SCS-W-96-1453: Cold Vacuum Drying Trailer Seismic Restraints and Trailer Stability under Tomado-Generated Missile Loading, External Letter, H. P. Shrivastava, ICF Kaiser Hanford to J. J. Irwin, Westinghouse Hanford Company. 8/2/1996			Document Pending.			
14	Design Specifications / Report	SNF-5306	0	SNF CVDF Standby Power Diesel Generator Formal Design Review Report	11/16/99		Approved - Released and Controlled in the Hanford Document Control System			
15	Procurement Specifications	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Construction Specification	SNF-6209	0B	Construction Specification for W-441 CVD Facility	06/16/00		Approved - Released and Controlled in the Hanford Document Control System	D8334926		
17	Final Design Drawings	H-1-82091, sh. 1	2	CVDF Civil Site Plan Legend	01/26/00		Approved - Released and Controlled in the Hanford Document Control System		6.1	
17	Final Design Drawings	H-1-82092, sh. 1	2	CVDF Civil Site Plan Legend	01/26/00		Approved - Released and Controlled in the Hanford Document Control System		6.1	
17	Final Design Drawings	H-1-82093, sh. 1	1	CVDF Civil Scanned Utilities Plan	01/26/00		Approved - Released and Controlled in the Hanford Document Control System		6.1	
17	Final Design Drawings	H-1-82094, sh. 1	2	CVDF Civil Site Utility Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System		6.1	
17	Final Design Drawings	H-1-82095, sh. 1	2	CVDF Electrical Overhead Service Plan & Profile	01/26/00		Approved - Released and Controlled in the Hanford Document Control System		6.1	
17	Final Design Drawings	H-1-82095, sh. 2	1	CVDF Electrical Overhead Service Pole Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82095, sh. 3	1	CVDF Electrical Overhead Service Pole Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82096, sh. 1	2	CVDF Safety Class Helium System Drawing List and Vicinity Map	11/11/99		Approved - Released and Controlled in the Hanford Document Control System		13.2	
17	Final Design Drawings	H-1-82096, sh. 2	3	CVDF Process Hood Drawing List and Vicinity Map	11/10/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82096, sh. 3	1	CVDF Process Equipment Skid Drawing List and Vicinity Map	11/17/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82100, sh. 1	0	CVDF Civil Site Grading Diagram	07/19/96		Approved - Released and Controlled in the Hanford Document Control System		6.1	
17	Final Design Drawings	H-1-82101, sh. 1	3	CVDF Architectural First Floor Plan	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		6	
17	Final Design Drawings	H-1-82102, sh. 1	3	CVDF Architectural Second Floor Plan	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82103, sh. 1	3	CVDF Architectural Detail Plans Wall Types	09/08/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82103, sh. 2	2	CVDF Architectural Detail Plans	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82104, sh. 1	2	CVDF Architectural Sections	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			

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17	Final Design Drawings	H-1-82104, sh. 1	2	CVDF Architectural Sections	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82104, sh. 2	0	CVDF Architectural Sections	04/04/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82104, sh. 3	0	CVDF Architectural Sections	04/04/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82105, sh. 1	2	CVDF Architectural Sections	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82106, sh. 1	2	CVDF Architectural Exterior Elevations	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82107, sh. 1	1	CVDF Architectural Interior Elevations	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82108, sh. 1	2	CVDF Architectural Reflected Ceiling Plan	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82109, sh. 1	1	CVDF Architectural Reflected Ceiling Plan	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82110, sh. 1	1	CVDF Architectural Roof Plan	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82111, sh. 1	2	CVDF Architectural Room Schedule	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82112, sh. 1	2	CVDF Architectural Door Schedule Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82113, sh. 1	2	CVDF Architectural Sections and Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82114, sh. 1	2	CVDF Architectural Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82115, sh. 1	2	CVDF Architectural Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82121, sh. 1	3	CVDF Structural Foundation Plan	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82121, sh. 2	2	CVDF Structural Foundation Plan	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82122, sh. 1	2	CVDF Structural Foundation Sections and Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82122, sh. 2	2	CVDF Structural Foundation Sections and Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82123, sh. 1	2	CVDF Structural Foundation Sections and Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82124, sh. 1	2	CVDF Structural Foundation Sections and Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82124, sh. 2	1	CVDF Structural Foundation Sections and Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82125, sh. 1	2	CVDF Structural Precast Panels	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			

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17	Final Design Drawings	H-1-82126, sh. 1	2	CVDF Structural Precast Panels Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82127, sh. 1	2	CVDF Structural Steel Second Floor Framing Plan	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82128, sh. 1	1	CVDF Structural Roof Framing Plan	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82129, sh. 1	2	CVDF Structural Steel Framing Sections	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82130, sh. 1	2	CVDF Structural Steel Framing Sections Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82130, sh. 2	1	CVDF Structural Steel Framing Sections Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82131, sh. 1	2	CVDF Structural Steel Stair Sections Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System		6	
17	Final Design Drawings	H-1-82132, sh. 1	2	CVDF Structural Crane Plan Sections Details	01/26/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-82180, sh. 1	1	CVDF-EQUIPMENT INSTALLATION PLAN PROCESS BAYS	04/13/00		Approved - Released and Controlled in the Hanford Document Control System		6.2	
17	Final Design Drawings	H-1-82180, sh. 2	2	CVDF-EQUIPMENT INSTALLATION PLAN PROCESS BAYS	09/14/00		Approved - Released and Controlled in the Hanford Document Control System		6.2	
17	Final Design Drawings	H-1-82181, sh. 1	2	CVDF Equipment Installation Enlarged Bays and Mezz	09/13/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82181, sh. 2	2	CVDF Equipment Installation Section	09/08/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82181, sh. 3	2	CVDF Equipment Installation Section and Details	09/08/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82181, sh. 4	2	CVDF Equipment Installation Process Hood	09/08/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82181, sh. 5	0	CVDF-EQUIPMENT INSTALLATION MEZZ VIEWS AND SECTIONS	09/13/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82181, sh. 6	0	CVDF-EQUIPMENT INSTALLATION ASSYS. VIEWS AND SECT	09/14/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82181, sh. 7	0	CVDF-EQUIPMENT INSTALLATION MISC DETAILS	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82182, sh. 1	2	CVDF PWC Equipment Installation Plans	09/08/00		Approved - Released and Controlled in the Hanford Document Control System		46.1	
17	Final Design Drawings	H-1-82182, sh. 2	2	CVDF PWC Equipment Installation Sections	09/08/00		Approved - Released and Controlled in the Hanford Document Control System		46.1	
17	Final Design Drawings	H-1-82182, sh. 3	0	CVDF PWC Equipment Installation Sections	09/09/00		Approved - Released and Controlled in the Hanford Document Control System		46.1	
17	Final Design Drawings	H-1-82182, sh. 4	0	CVDF PWC Equipment Installation Sections	09/09/00		Approved - Released and Controlled in the Hanford Document Control System		46.1	
17	Final Design Drawings	H-1-82183, sh. 1	1	CVDF SCHe Equipment Installation Process Bays Elev	04/13/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	
17	Final Design Drawings	H-1-82183, sh. 2	1	CVDF SCHe Tube Routing Typical Process Bay	04/13/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	

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17	Final Design Drawings	H-1-82183, sh. 3	1	CVDF SCHe Equipment Installation Details	04/13/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	
17	Final Design Drawings	H-1-82191, sh. 1	3	CVDF HVAC Abbreviations Symbols and General Notes	09/08/00		Approved - Released and Controlled in the Hanford Document Control System		30	
17	Final Design Drawings	H-1-82192, sh. 1	3	CVDF HVAC Air Flow Diagram Process Bays	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		30.2	
17	Final Design Drawings	H-1-82193, sh. 1	2	CVDF HVAC Air Flow Diagram Transfer Corridor	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		30.3	
17	Final Design Drawings	H-1-82194, sh. 1	2	CVDF HVAC Air Flow Diagram Mechanical Room	04/03/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		30	
17	Final Design Drawings	H-1-82195, sh. 1	3	CVDF HVAC Air Flow Diagram Administration Area	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		30.1	
17	Final Design Drawings	H-1-82196, sh. 1	3	CVDF HVAC Partial Plan Process Bays	09/19/00		Approved - Released and Controlled in the Hanford Document Control System		30.2	
17	Final Design Drawings	H-1-82196, sh. 2	3	CVDF HVAC Partial Plan Process Bays	09/19/00		Approved - Released and Controlled in the Hanford Document Control System		30.2	
17	Final Design Drawings	H-1-82196, sh. 3	0	CVDF HVAC Ductwork Support Details	04/03/00		Approved - Released and Controlled in the Hanford Document Control System		30	
17	Final Design Drawings	H-1-82197, sh. 1	2	CVDF HVAC Plan Transfer Corridor	04/03/00		Approved - Released and Controlled in the Hanford Document Control System		30.3	
17	Final Design Drawings	H-1-82198, sh. 1	2	CVDF HVAC Plan Mechanical Room	04/03/00		Approved - Released and Controlled in the Hanford Document Control System		30	
17	Final Design Drawings	H-1-82199, sh. 1	3	CVDF HVAC Plan Administration Area	09/07/00		Approved - Released and Controlled in the Hanford Document Control System		30.1	
17	Final Design Drawings	H-1-82200, sh. 1	3	CVDF HVAC Chilled Water Piping Plan Mechanical Room	09/08/00		Approved - Released and Controlled in the Hanford Document Control System		30	
17	Final Design Drawings	H-1-82201, sh. 1	3	CVDF Piping Diagram Chilled Water	09/08/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82202, sh. 1	2	CVDF HVAC Sections	04/03/00		Approved - Released and Controlled in the Hanford Document Control System		30	
17	Final Design Drawings	H-1-82203, sh. 1	2	CVDF HVAC Sections and Details	04/03/00		Approved - Released and Controlled in the Hanford Document Control System		30	
17	Final Design Drawings	H-1-82210, sh. 1	3	CVDF HVAC Equipment Schedule	09/08/00		Approved - Released and Controlled in the Hanford Document Control System		30	
17	Final Design Drawings	H-1-82210, sh. 2	3	CVDF HVAC Equipment Schedule	09/19/00		Approved - Released and Controlled in the Hanford Document Control System		30	
17	Final Design Drawings	H-1-82211, sh. 1	2	CVDF Exhaust Stack Plan, EI, Details, and Sections	04/03/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82212, sh. 1	2	CVDF Exhaust Stack Details and Sections	04/03/00		Approved - Released and Controlled in the Hanford Document Control System			

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-82213, sh. 1	2	CVDF Exhaust Stack Details and Sections	04/03/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82216, sh. 1	2	CVDF Stack Monitoring Piping Layout	04/03/00		Approved - Released and Controlled in the Hanford Document Control System		50	
17	Final Design Drawings	H-1-82216, sh. 2	2	CVDF Stack Monitoring Piping Layout	04/03/00		Approved - Released and Controlled in the Hanford Document Control System		50	
17	Final Design Drawings	H-1-82216, sh. 3	2	CVDF Stack Monitoring Piping Layout	04/03/00		Approved - Released and Controlled in the Hanford Document Control System		50	
17	Final Design Drawings	H-1-82221, sh. 1	2	CVDF Mechanical Utilities Legend, Schedule, Notes	03/21/00		Approved - Released and Controlled in the Hanford Document Control System		6.4	
17	Final Design Drawings	H-1-82225, sh. 1	3	CVDF Mechanical Utilities 1st Floor Drainage Systems	09/01/00		Approved - Released and Controlled in the Hanford Document Control System		18	
17	Final Design Drawings	H-1-82226, sh. 1	3	CVDF Mechanical Utilities 1st Floor Compressed Gasses	03/21/00		Approved - Released and Controlled in the Hanford Document Control System		12	
17	Final Design Drawings	H-1-82227, sh. 1	2	CVDF Mechanical Utilities 1st Floor Water Systems	03/21/00		Approved - Released and Controlled in the Hanford Document Control System		6.4	
17	Final Design Drawings	H-1-82228, sh. 1	3	CVDF Mechanical Utilities 2nd Floor Process Chld Water	09/08/00		Approved - Released and Controlled in the Hanford Document Control System		47.3	
17	Final Design Drawings	H-1-82229, sh. 1	4	CVDF Mechanical Utilities Sections and Details	06/16/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82229, sh. 2	2	CVDF Mechanical Utilities Sections and Details	03/21/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82230, sh. 1	2	CVDF Mechanical Utilities Sections and Details	03/21/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82230, sh. 2		CVDF Mechanical Utilities Sections and Details			In Progress			
17	Final Design Drawings	H-1-82230, sh. 3		CVDF Mechanical Utilities Sections and Details			In Progress			
17	Final Design Drawings	H-1-82231, sh. 1	2	CVDF Mechanical Utilities Hanger Details	03/21/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82237, sh. 1	2	CVDF Fire Protection First Floor Plan	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		24	
17	Final Design Drawings	H-1-82238, sh. 1	2	CVDF Fire Protection Second Floor Plan	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		24	
17	Final Design Drawings	H-1-82239, sh. 1	2	CVDF Fire Protection Sections	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		24	
17	Final Design Drawings	H-1-82240, sh. 1	1	CVDF Fire Protection Details	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		24	
17	Final Design Drawings	H-1-82241, sh. 1	3	CVDF Electrical Office Area Lighting Plan	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		20.2	
17	Final Design Drawings	H-1-82241, sh. 2	3	CVDF Electrical First Floor Lighting Plan	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		20.2	
17	Final Design Drawings	H-1-82241, sh. 3	3	CVDF Electrical Second Floor Lighting Plan	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		20.2	

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ABU Cate- gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-82242, sh. 1	6	CVDF Electrical Office Area Power Plan	09/09/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82242, sh. 2	5	CVDF Electrical First Floor Power Plan	09/11/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		20	
17	Final Design Drawings	H-1-82242, sh. 3	4	CVDF Electrical Second Floor Power Plan	02/03/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		2	
17	Final Design Drawings	H-1-82242, sh. 4	0	CVDF Electrical Mobile Office Power Plan	08/24/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82242, sh. 5	0	CVDF TB/RB ARR & Electrical Connection Diagram	09/09/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82243, sh. 1	4	CVDF Electrical Communications and Alarm Plan	05/30/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		11	
17	Final Design Drawings	H-1-82243, sh. 2	4	CVDF Electrical Communications and Alarm Plan	09/02/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		11	
17	Final Design Drawings	H-1-82243, sh. 3	4	CVDF Electrical Communications Alarm Details	08/31/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		11	
17	Final Design Drawings	H-1-82244, sh. 1	4	CVDF Electrical First Floor Fire Alarm Plan	08/31/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		24	
17	Final Design Drawings	H-1-82244, sh. 2	4	CVDF Electrical Second Floor Fire Alarm Plan	08/31/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		24	
17	Final Design Drawings	H-1-82244, sh. 3	4	CVDF Electrical Fire Alarm Control Panel	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		24	
17	Final Design Drawings	H-1-82244, sh. 4	4	CVDF Electrical Fire Alarm Wiring Diagrams	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		24	
17	Final Design Drawings	H-1-82246, sh. 1	5	CVDF Electrical Service Area One-Line Diagram	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82246, sh. 2	5	CVDF Electrical Process Bays 1-3 One-Line Diagram	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		20	
17	Final Design Drawings	H-1-82246, sh. 3	5	CVDF Electrical Process Bays 4 & 5 One-Line Diagram	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		20	

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-82246, sh. 4	2	CVDF Electrical Metering Detail	02/03/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82247, sh. 1	5	CVDF Electrical Process Bays 1-3 Panel Schedules	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		20	
17	Final Design Drawings	H-1-82247, sh. 2	5	CVDF Electrical Process Bays 4 & 5 Panel Schedules	09/05/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		20	
17	Final Design Drawings	H-1-82247, sh. 3	5	CVDF Electrical Service Area Panel Schedules	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82248, sh. 1	5	CVDF Electrical Elementary Wiring Diagram	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82248, sh. 10	0	CVDF Electrical Elementary Wiring Diagram	02/03/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82248, sh. 11	0	CVDF Electrical Elementary Wiring Diagram	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82248, sh. 12	0	CVDF Electrical Elementary Wiring Diagram	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82248, sh. 13	0	CVDF Electrical Elementary Wiring Diagram	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82248, sh. 2	5	CVDF Electrical Elementary Wiring Diagram	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82248, sh. 3	5	CVDF Electrical Elementary Wiring Diagram	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82248, sh. 4	5	CVDF Electrical Elementary Wiring Diagram	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82248, sh. 5	5	CVDF Electrical Elementary Wiring Diagram	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82248, sh. 6	4	CVDF Electrical Elementary Wiring Diagram	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82248, sh. 7	4	CVDF Electrical Elementary Wiring Diagram	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-82248, sh. 8	4	CVDF Electrical Elementary Wiring Diagram	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		1	
17	Final Design Drawings	H-1-82248, sh. 9	4	CVDF Electrical Elementary Wiring Diagram	09/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82280, sh. 1	5	CVDF Electrical Wire Run List and CND Schedule	09/19/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82280, sh. 10	4	CVDF Security Wire Run List and CND Schedule	08/01/00		Approved - Released and Controlled in the Hanford Document Control System		54	
17	Final Design Drawings	H-1-82280, sh. 11	4	CVDF Security Wire Run List and CND Schedule	08/01/00		Approved - Released and Controlled in the Hanford Document Control System		54	
17	Final Design Drawings	H-1-82280, sh. 12	3	CVDF Security Wire Run List and CND Schedule	08/01/00		Approved - Released and Controlled in the Hanford Document Control System		54	
17	Final Design Drawings	H-1-82280, sh. 13	2	CVDF SCIC Wire Run List and CND Schedule	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-82280, sh. 14	1	CVDF SCIC Wire Run List and CND Schedule	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-82280, sh. 15	1	CVDF Instrumentation Wire Run List and CND Schedule	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		93	
17	Final Design Drawings	H-1-82280, sh. 16	0	CVDF Electrical Wire Run List and CND Schedule	05/16/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82280, sh. 2	4	CVDF Electrical Wire Run List and CND Schedule	02/03/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82280, sh. 3	3	CVDF Electrical Wire Run List and CND Schedule	02/03/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82280, sh. 4	4	CVDF Electrical Wire Run List and CND Schedule	02/03/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82280, sh. 5	3	CVDF Electrical Wire Run List and CND Schedule	02/03/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82280, sh. 6	3	CVDF Electrical Wire Run List and CND Schedule	02/03/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82280, sh. 7	2	CVDF Electrical Wire Run List and CND Schedule	02/03/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82280, sh. 8	3	CVDF Electrical Wire Run List and CND Schedule	02/03/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82280, sh. 9	3	CVDF Electrical Wire Run List and CND Schedule	02/03/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82297, sh. 1	2	CVDF Instrumentation Control System Conduit Plan	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-82297, sh. 2	2	CVDF Instrumentation Control System Conduit Plan	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		1	
17	Final Design Drawings	H-1-82297, sh. 3	2	CVDF Instrumentation Control System Conduit Plan	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		93.2	

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-82297, sh. 4	2	CVDF Instrumentation Control System Conduit Plan	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-82297, sh. 5	1	CVDF Instrumentation Control System Conduit Plan	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		1	
17	Final Design Drawings	H-1-82297, sh. 6	1	CVDF SCIC Installation Plan Process Bays	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-82297, sh. 7	1	CVDF SCIC Installation Details Panel Conduit Locations	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-82297, sh. 8	1	CVDF SCHe System Terminal Boxes	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	
17	Final Design Drawings	H-1-82394, sh. 1	3	CVDF Legend and Abbreviations	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82394, sh. 10	3	CVDF Access Control Wiring Diagram for Doors 42 & 45	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82394, sh. 11	3	CVDF Access Control Wiring Diagram for Door 9	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82394, sh. 13	4	CVDF Access Control Wiring Diagram for Doors 18 & 24	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82394, sh. 14	3	CVDF Access Control Wiring Diagram for Door 43	08/01/00		Approved - Released and Controlled in the Hanford Document Control System		20.4	
17	Final Design Drawings	H-1-82394, sh. 15	3	CVDF UPS Power Connection Diagram	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82394, sh. 16	3	CVDF Motion Detector Wiring Diagram	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82394, sh. 17	3	CVDF Access Control Alarm/Status Schematic & Wiring Diagram	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82394, sh. 18	3	CVDF Access Control Alarm/Status Schematic & Wiring Diagram	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82394, sh. 19	3	CVDF Security Cabinet	08/01/00		Approved - Released and Controlled in the Hanford Document Control System		54	
17	Final Design Drawings	H-1-82394, sh. 2	4	CVDF Security Operation Area Block Diagram	08/01/00		Approved - Released and Controlled in the Hanford Document Control System		54	
17	Final Design Drawings	H-1-82394, sh. 20	4	CVDF UPS Cabinet	08/01/00		Approved - Released and Controlled in the Hanford Document Control System		20.4	
17	Final Design Drawings	H-1-82394, sh. 21	3	CVDF Access Control Cabinet & Alarm/Status Panel	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82394, sh. 23	3	CVDF Security System Details	08/01/00		Approved - Released and Controlled in the Hanford Document Control System		54	
17	Final Design Drawings	H-1-82394, sh. 24	2	CVDF Security System Bill of Material	08/01/00		Approved - Released and Controlled in the Hanford Document Control System		54	
17	Final Design Drawings	H-1-82394, sh. 25	3	CVDF Security System Bill of Material	08/01/00		Approved - Released and Controlled in the Hanford Document Control System		54	
17	Final Design Drawings	H-1-82394, sh. 26	0	CVDF Security System Bill of Material	08/01/00		Approved - Released and Controlled in the Hanford Document Control System		54	

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17	Final Design Drawings	H-1-82394, sh. 3	4	CVDF Security System Conduit Plan	08/01/00		Approved - Released and Controlled in the Hanford Document Control System		54	
17	Final Design Drawings	H-1-82394, sh. 4	0	CVDF Bay Camera, Tank Camera & Tank Camera Wiring	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82394, sh. 6	4	CVDF Rooms 107 and 126 Electrical Floor Plans	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82394, sh. 7	3	CVDF BMS Door Switch and Motion Detector Wiring Diagrams	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82394, sh. 9	4	CVDF Access Control Wiring Diagram for Doors 36 & 39	08/01/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83971, sh. 1	1	CVDF - Generator Building Structural Plan, Elevations & Details	05/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83972, sh. 1	1	CVDF - Generator Building Structural Plan, Elevations & Details	05/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83975, sh. 1	1	CVDF - Generator Building Mechanical Floor Plan & Sections	05/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83975, sh. 2	0	CVDF - Generator Building Mechanical Tank Plan & Sections	05/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83976, sh. 1	1	CVDF - Generator Building Mechanical Details	05/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83977, sh. 1	1	CVDF - Generator Building Electrical Plan Sections and Details	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83978, sh. 1	1	CVDF - Generator Building Electrical One-Line Diagram & Conduit Schedule	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83978, sh. 2	2	CVDF - Generator Building Electrical DG Connection Diagram	05/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83979, sh. 1	1	CVDF - Generator Building Electrical Ground Plan, CND Plan & Details	05/15/00		Approved - Released and Controlled in the Hanford Document Control System		20.2	
17	Final Design Drawings	H-1-83979, sh. 2	0	CVDF - Generator Building Electrical Lighting Protection Plan	05/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83980, sh. 1	1	CVDF Structural Hood Stand	05/18/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83980, sh. 2	1	CVDF Structural Hood Stand Sections	05/18/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83980, sh. 3	1	CVDF Structural Hood Stand Details	05/18/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83981, sh. 1	1	CVDF Lightning Protection and Grounding Plan	02/03/00		Approved - Released and Controlled in the Hanford Document Control System		20.2/20.5	
17	Final Design Drawings	H-1-83982, sh. 1	2	CVDF Cask Venting Special Tool Stand	08/13/00		Approved - Released and Controlled in the Hanford Document Control System		94	
17	Final Design Drawings	H-1-83995, sh. 1		MCO Shield Port Plug and Main Seal Integrity Test Tool			Not developed.		94	

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17	Final Design Drawings	H-1-839982 sh.2	0	CVDF Cask Venting Special Tool Stand	09/13/00		Approved - Released and Controlled in the Hanford Document Control System		94	
17	Final Design Drawings	H-1-84162, sh. 1		CVDF Vacuum Plate Assembly			Not developed.			
17	Final Design Drawings	H-1-84226, sh. 1	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 10	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 11	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 12	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 13	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 14	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 15	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 2	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 3	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 4	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 5	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 6	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 7	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84226, sh. 8	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-84226, sh. 9	0	CVDF Electrical Conduit Seismic Supports Bay 5	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 1	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 10	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 11	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 12	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 13	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 14	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 15	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 2	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 3	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 4	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 5	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 6	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 7	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84227, sh. 8	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-84227, sh. 9	0	CVDF Electrical Conduit Seismic Supports Bay 4	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84228, sh. 1	0	CVDF Electrical Conduit Seismic Supports Bay 3	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84228, sh. 10	0	CVDF Electrical Conduit Seismic Supports Bay 3	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84228, sh. 11	0	CVDF Electrical Conduit Seismic Supports Bay 3	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84228, sh. 2	0	CVDF Electrical Conduit Seismic Supports Bay 3	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84228, sh. 3	0	CVDF Electrical Conduit Seismic Supports Bay 3	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84228, sh. 4	0	CVDF Electrical Conduit Seismic Supports Bay 3	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84228, sh. 5	0	CVDF Electrical Conduit Seismic Supports Bay 3	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84228, sh. 6	0	CVDF Electrical Conduit Seismic Supports Bay 3	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84228, sh. 7	0	CVDF Electrical Conduit Seismic Supports Bay 3	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84228, sh. 8	0	CVDF Electrical Conduit Seismic Supports Bay 3	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84228, sh. 9	0	CVDF Electrical Conduit Seismic Supports Bay 3	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 1	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 10	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 11	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-84229, sh. 12	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 13	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 14	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 15	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 2	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 3	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 4	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 5	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 6	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 7	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 8	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84229, sh. 9	0	CVDF Electrical Conduit Seismic Supports Bay 2	tbd		Drawing approved for construction but has not been released by Meier Enterprises.			
17	Final Design Drawings	H-1-84230, sh. 1	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 10	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 11	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 12	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-84230, sh. 13	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 14	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 15	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 16	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 17	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 18	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 19	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 2	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 20	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 21	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 22	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 23	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 24	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 25	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 26	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 27	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 28	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 29	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 3	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 30	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 31	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 32	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-84230, sh. 4	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 5	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 6	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 7	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 8	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84230, sh. 9	0	CVDF I/O Loop & Connection Diagrams Bay 4	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 1	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 10	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 11	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 12	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 13	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 14	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 15	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 16	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 17	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 18	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 19	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 2	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 20	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 21	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 22	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 23	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-84231, sh. 24	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 25	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 26	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 27	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 28	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 29	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 3	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 30	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 31	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 32	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 4	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 5	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 6	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 7	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 8	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84231, sh. 9	0	CVDF I/O Loop & Connection Diagrams Bay 5	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84232, sh. 1	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84232, sh. 10	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84232, sh. 11	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84232, sh. 12	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84232, sh. 13	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84232, sh. 2	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			

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ABU Cate- gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-84232, sh. 3	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84232, sh. 4	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84232, sh. 5	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84232, sh. 6	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84232, sh. 7	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84232, sh. 8	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84232, sh. 9	0	CVDF I/O Loop & Connection Diagrams Mech Rm	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84233, sh. 1	0	CVDF I/O Loop & Connection Diagrams PWC	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84233, sh. 2	0	CVDF I/O Loop & Connection Diagrams PWC	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84233, sh. 3	0	CVDF I/O Loop & Connection Diagrams PWC	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84233, sh. 4	0	CVDF I/O Loop & Connection Diagrams PWC	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84233, sh. 5	0	CVDF I/O Loop & Connection Diagrams PWC	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84233, sh. 6	0	CVDF I/O Loop & Connection Diagrams PWC	09/15/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84234, sh. 1	0	CVDF DIESEL ENGINE SKID WIRING DIAGRAM	07/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84234, sh. 2	0	CVDF DIESEL ENGINE SKID WIRING DIAGRAM	07/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84235, sh.1	0	CVDF DIESEL GENERATOR CONTROL PANEL INTERIOR WIRING	07/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84235, sh.2	0	CVDF DIESEL GENERATOR CONTROL DIAGRAM	07/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84235, sh.3	0	CVDF DIESEL GENERATOR CONTROL DIAGRAM	07/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84236, sh.1	0	CVDF LOAD BANK SCHEMATIC & INTERNAL WIRING	07/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84236, sh.2	0	CVDF LOAD BANK SCHEMATIC & INTERNAL WIRING	07/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84237, sh.1	0	CVDF DIESEL ENGINE TERMINAL BOX/RELAY PANEL SCHEMATIC	07/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84238, sh.1	0	CVDF DIESEL ENGINE CONTROL SCHEMATIC	07/27/00		Approved - Released and Controlled in the Hanford Document Control System			

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17	Final Design Drawings	H-1-84238, sh. 2	0	CVDF DIESEL ENGINE CONTROL SCHEMATIC	07/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84238, sh. 3	0	CVDF DIESEL ENGINE CONTROL SCHEMATIC	07/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84240, sh. 1	0	CVDF Bridge Crane Wiring Diagram Bay 2	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84240, sh. 2	0	CVDF Bridge Crane Wiring Diagram Bay 2	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84240, sh. 3	0	CVDF Bridge Crane Wiring Diagram Bay 2	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84240, sh. 4	0	CVDF Bridge Crane Interconnect Diagram Bay 2	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84240, sh. 5	0	CVD VFD Bridge Crane Panel Layout Bay 2	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84241, sh. 1	0	CVDF Bridge Crane Wiring Diagram Bay 3	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84241, sh. 2	0	CVDF Bridge Crane Wiring Diagram Bay 3	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84241, sh. 3	0	CVDF Bridge Crane Wiring Diagram Bay 3	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84241, sh. 4	0	CVDF Bridge Crane Interconnect Diagram Bay 3	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84241, sh. 5	0	CVD VFD Bridge Crane Panel Layout Bay 3	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84245, sh. 1	0	CVDF Bridge Crane Wiring Diagram Bay 4	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84245, sh. 2	0	CVDF Bridge Crane Wiring Diagram Bay 4	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84245, sh. 3	0	CVDF Bridge Crane Wiring Diagram Bay 4	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84245, sh. 4	0	CVDF Bridge Crane Interconnect Diagram Bay 4	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84245, sh. 5	0	CVD VFD Bridge Crane Panel Layout Bay 4	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84246, sh. 1	0	CVDF Bridge Crane Wiring Diagram Bay 5	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84246, sh. 2	0	CVDF Bridge Crane Wiring Diagram Bay 5	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84246, sh. 3	0	CVDF Bridge Crane Wiring Diagram Bay 5	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84246, sh. 4	0	CVDF Bridge Crane Interconnect Diagram Bay 5	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	
17	Final Design Drawings	H-1-84246, sh. 5	0	CVD VFD Bridge Crane Panel Layout Bay 5	09/03/00		Approved - Released and Controlled in the Hanford Document Control System		14	

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17	Final Design Drawings	H-1-84438, sh. 1	0	COLD VACUUM DRYING IXM PWC JUMPER INSTALLATION			In Progress			
17	Final Design Drawings	H-1-84438, sh. 2	0	COLD VACUUM DRYING IXM PWC JUMPER INSTALLATION			In Progress			
17	Final Design Drawings	H-1-84455, sh. 1	0	CVDF Process Hood Calibration Port Details	03/20/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84859, sh. 1	0	CVDF Auto. Temp. Control; System Conduit Plan	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84859, sh. 2	0	CVDF Auto. Temp. Control; System Conduit Plan	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84859, sh. 3	0	CVDF Auto. Temp. Control; System Conduit Plan	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84859, sh. 4	0	CVDF Auto. Temp. Control; System Conduit Plan	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84861, sh. 1	0	CVDF Auto. Temp. Control; Network Topology			Drawings are being prepared. Scheduled to be released 9/00.			
17	Final Design Drawings	H-1-84862, sh. 1	0	CVDF ATC Main Control Panel	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84862, sh. 2	0	CVDF ATC Main Control Panel	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84863, sh. 1	0	CVDF ATC Local Control Panel	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84863, sh. 2	0	CVDF ATC Local Control Panel	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84864, sh. 1	0	CVDF ATC Mech Rm/Transfer Corr ATC Cable Schedule	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84864, sh. 2	0	CVDF ATC Mech Rm/Transfer Corr ATC Cable Schedule	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84864, sh. 3	0	CVDF ATC Mech Rm/Transfer Corr ATC Cable Schedule	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84864, sh. 4	0	CVDF ATC Mech Rm/Transfer Corr ATC Cable Schedule	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84864, sh. 5	0	CVDF ATC Mech Rm/Transfer Corr ATC Cable Schedule	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84865, sh. 1	0	CVDF ATC Process Bays & Misc ATC Conduit Shedule	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84865, sh. 2	0	CVDF ATC Process Bays & Misc ATC Conduit Shedule	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84865, sh. 3	0	CVDF ATC Process Bays & Misc ATC Conduit Shedule	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84865, sh. 4	0	CVDF ATC Process Bays & Misc ATC Conduit Shedule	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84865, sh. 5	0	CVDF ATC Process Bays & Misc ATC Conduit Shedule	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			

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17	Final Design Drawings	H-1-84865, sh. 6	0	CVDF ATC Process Bays & Misc ATC Conduit Schedule	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84865, sh. 7	0	CVDF ATC Process Bays & Misc ATC Conduit Schedule	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 1	0	CVDF ATC Bay 2 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 2	0	CVDF ATC Bay 2 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 3	0	CVDF ATC Bay 2 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 4	0	CVDF ATC Bay 2 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 5	0	CVDF ATC Bay 2 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 6	0	CVDF ATC Bay 2 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 7	0	CVDF ATC Bay 2 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 8	0	CVDF ATC Bay 3 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 9	0	CVDF ATC Bay 3 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 10	0	CVDF ATC Bay 3 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 11	0	CVDF ATC Bay 3 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 12	0	CVDF ATC Bay 3 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 13	0	CVDF ATC Bay 3 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 14	0	CVDF ATC Bay 3 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 15	0	CVDF ATC Bay 4 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 16	0	CVDF ATC Bay 4 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 17	0	CVDF ATC Bay 4 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 18	0	CVDF ATC Bay 4 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 19	0	CVDF ATC Bay 4 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 20	0	CVDF ATC Bay 4 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			

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17	Final Design Drawings	H-1-84866, sh. 21	0	CVDF ATC Bay 4 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 22	0	CVDF ATC Bay 5 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 23	0	CVDF ATC Bay 5 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 24	0	CVDF ATC Bay 5 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84866, sh. 25	0	CVDF ATC Bay 5 PLC I/O Wiring	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84867, sh. 1	0	CVDF ATC DP Alarm Panel	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84867, sh. 2	0	CVDF ATC DP Alarm Panel	9/27/00		Approved - Released and Controlled in the Hanford Document Control System			
18	Master Equipment List	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	As-Built Drawings	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Piping and Instrumentation Drawings (P&ID)	H-1-82204, sh. 1	2	CVDF HVAC P&ID Process Bay Supply Typ	04/03/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		30.2	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82205, sh. 1	3	CVDF HVAC P&ID General Supply	04/03/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		30	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82206, sh. 1	3	CVDF HVAC P&ID Exhaust System	04/03/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		2	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82206, sh. 2		CVDF HVAC P&ID Exhaust System			ESSENTIAL. Not in HDCS.			
20	Piping and Instrumentation Drawings (P&ID)	H-1-82207, sh. 1	3	CVDF HVAC P&ID Facility Instrumentation	04/25/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		30	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82208, sh. 1	3	CVDF HVAC P&ID Chilled Water System	09/08/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		30	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82209, sh. 1	3	CVDF P&ID Stack Monitoring System	08/31/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		50	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82222, sh. 1	6	CVDF Mechanical Utilities WTR & Compressed Gases P&ID	09/19/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		12	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82222, sh. 2	5	CVDF Mechanical Utilities Compressed & Instrument Air P&ID	09/12/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		12	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82222, sh. 3	0	CVDF Mechanical Utilities Potable Water P&ID	03/21/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		28	

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
20	Piping and Instrumentation Drawings (P&ID)	H-1-82223, sh. 1	3	CVDF Mechanical Utilities Processed Chilled Water P&ID	09/02/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		47.3	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82224, sh. 1	3	CVDF Mechanical Utilities Drainage System P&ID	09/09/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		18	
20	Piping and Instrumentation Drawings (P&ID)	H-1-83974, sh. 1	1	CVDF - Generator Building Mechanical P&ID	05/15/00		Approved - Released and Controlled in the Hanford Document Control System			
20	Piping and Instrumentation Drawings (P&ID)	H-1-84456, sh. 1	0	CVDF Auxiliary Vacuum MSLD P&ID	09/10/00		Approved - Released and Controlled in the Hanford Document Control System			
22	Interface Control Documents	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	Software Configuration Management Plan	SNF-6959		System Configuration Implementation Procedure for the ATC MCS					93.1	
24	System Requirements Specification	SNF-6209, Section 15970	0	ATC System Requirement Specification	05/25/00					
25	Software Design Description	SNF-3081	0	ATC Software Design Description	07/02/99		Total Energy Mgmt Transmittal 442, Project KH5541 Cal 188 T&M work, Project 466			
26	Software Verification and Validation	FAT-030-2B-001/002		ATC Software Verification and Validation	08/01/00					
26	Software Verification and Validation	SNF-W441-PAT-030-2A/2B		ATC Software Verification and Validation	08/01/00					
27	Software User Manual	N/A for this section	N/A	ATC Software User Manual	N/A	N/A	N/A	N/A	N/A	N/A
28	Training Plan	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Training Manuals	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	Training to Operating Crews	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	Training to Maintenance Crews	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	Operations and Maintenance Manuals - found in VI files	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	Operating Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34	Surveillance Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Calibration Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35A	Commercial Grade Item Upgrades	CGI-SNF-D- C1-077			Cancelled	SNF-XXXX	Building Exhaust Fan. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-20-1-C1-067		Overcurrent Relay	7/12/00	SNF-6361, Rev. 1	To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-20-6-C1-069		D/G High Temperature Limit & Indicating Gage Model 20T	7/20/00	SNF-6681, Rev. 0	To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-20-6-C1-075		Overtemp Switch	9/1/00	SNF-6915, Rev. 0	D/G Coolent Overtemperature Switch. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-20-6-C1-076			ON HOLD	SNF-6923, Rev. 0	D/G Radiator. To be completed Post-ORR.			

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35A	Commercial Grade Item Upgrades	CGI-SNF-D-20-6-CI-070		Diesel Generator Pump	9/13/00	SNF-6811, Rev. 1	To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-30-3-C1-068		Flow Sensors Model DS-300-10" & Indication Model 43001 - Bay Flow	9/3/00	SNF-6882, Rev. 2	To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-30-5-CI-071		Reference Air Piping	9/13/00	SNF-6817, Rev. 2	was CI-045 SNF-4421. Complete.		30.5	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-30-5-CI-072		Reference Air Transmitter Installation	9/1/00	SNF-6827, Rev. 2	To be completed Post-ORR.		30.5	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-30-C1-078		Local Exhaust Control Panel and Associated Components		SNF-6975, Rev. 1	To be completed Post-ORR.		30.3	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-30-C1-079		Viking Pump/Motor with Mechanical Seals-D/g Fuel Makeup	9/11/00	SNF-6976, Rev. 0	To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-30-S-C1-045		Tubing valves and fittings for reference air system	CANCEL	SNF-4421, Rev. 1	RA -- THIS CGI WAS CANCELLED Now SNF-6817, Rev. 0		30.5	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-3-31-C1-064		Generator Bldg.: Wiring, Disconnect Switch, Comb. Starter, Panelboard, etc.	9/9/00	SNF-6217, Rev. 3	To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-3-31-C1-065		Overcurrent Relays	6/1/00	SNF-6218, Rev. 3	Completed			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-3-31-C1-066		Diesel Generator Control panel - Wiring, Terminals	6/1/00	SNF-6263, Rev. 2	Completed			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-3-C1-057		Hood Stand Support Steel	7/13/00	SNF-5953, Rev. 1	Completed			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-3-C1-063		Fans, Dampers	9/5/00	SNF-6105, Rev. 3	Completed 9/20/00			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-46-P2-037		PWC 5 micron filter	5/5/99	SNF-4420, Rev. 0	PWC-F-4042. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-47-1-NA-047		Flex Hose Tempered Water Connections to MCO Cask Annulus	Not used	SNF-xxxx	H-1-LATER, Item later H-1-LATER, Item later. To be completed Post-ORR.		94	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-93-2-C1-052		Conduit for SC Wiring	10/10/99	SNF-4914, Rev. 3	NA			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-93-2-C1-054		Safety Class Wiring		SNF-4973, Rev. 6	NA		93.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-93-2-C1-055		Process Hood Panel Conduit Accessories	8/24/99	SNF-5037, Rev. 0	NA			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-93-2-C1-056		Conduit Fastener's	12/1/99	SNF-5102, Rev. 2	NA			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-93-2-C1-058		Power Strut Structural Fittings & Channel	10/10/99	SNF-5151, Rev. 1	NA			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-NA-C1-074		Clamps, etc..		SNF-6897 Rev. 2	Subm. 869.15 need CGI for Misc 8/23/00-GS. To be completed Post-ORR.			
36	Preventative Maintenance Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
37	Repair/Maintenance Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
38	Functional Check Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	PM/S System (Preventative Maintenance Data Sheets	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	Inspection Plans	PO-6473	0	Eberline Instruments Purchase Order -- Continuous Air Monitors			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-6473	0	Eberline Instruments Purchase Order -- Portable Area Radiation Monitors			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-7650	0	Eberline Purchase Order -- Beta Continuous Air Monitor Pumps			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5721			
40	Inspection Plans	PO-7650	0	Eberline Purchase Order -- Regulated Air Pumps			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-7972	0	Purilite Purchase Order -- Ion Exchange Module Resin			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
41	QA Program Plan	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	Vendor Information Files	9812-DUK-140-21	0	Shop Traveler for each major equipment item	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	9812-DUK-140-21-A	0	Process travel sheet N/B #12329, S/N KX 9790	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132	N/A		
42	Vendor Information Files	9812-DUK-140-21-B	0	Process travel sheet N/B #12329, S/N KX 9791	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	9812-DUK-140-21-C	0	Liquid Penetrant Examination Procedure	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	9812-DUK-140-21-D	0	Radiographic Examination Procedure	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	9812-DUK-140-21-E	0	Ultrasonic Testing Ronnie Smith	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	9812-DUK-140-21-F	0	Magnetic Particle Testing Ronnie Smith	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	9812-DUK-140-21-G	0	Radiographic Testing Baldemar Ramirez	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	9812-DUK-140-21-H	0	Magnetic Particle Testing Baldemar Ramirez	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			

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42	Vendor Information Files	FP-9812-DUK-140-01-A	0	Fabrication Plan PWC Carbon Steel Skid and Filter Shield FP-9812-DUK-140-01 Rev. 0	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	FP-9812-DUK-140-01-A-01	0	Fabrication Plan PWC Carbon Steel Skid and Filter Shield FP-9812-DUK-140-01 Rev. 0, Introduction and Organization	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	FP-9812-DUK-140-01-A-02	0	Fabrication Plan PWC Carbon Steel Skid and Filter Shield FP-9812-DUK-140-01 Rev. 0, Manufacturing	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	FP-9812-DUK-140-01-A-03	0	Fabrication Plan PWC Carbon Steel Skid and Filter Shield FP-9812-DUK-140-01 Rev. 0, Acceptance Testing/Inspection	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	FP-9812-DUK-140-01-A-04	0	Fabrication Plan PWC Carbon Steel Skid and Filter Shield FP-9812-DUK-140-01 Rev. 0, Packaging and Shipping Plan	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	FP-9812-DUK-140-01-B	0	PWC Carbon Steel Assembly Traveler: 9812-DUK-140-01	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	FP-9812-DUK-140-01-C	0	Fabrication Traveler - Traveler Welder & NDE Record Sheet	03/17/00	P-02/34/34.1	VI-50038, Supp. 11. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116	0	Instrumentation Data, Manuals, and Drawings for De-Ionized Water Supply Valve SRV-9004	05/24/00	N/A	VI-50116. Stored in Document Control Station, MO-500/132		25	
42	Vendor Information Files	VI-50116, Supp. 1	0	Instrumentation Data, Manuals, and Drawings for Tempered Water Cooling Valve TCV-7054	05/25/00	N/A	VI-50116, Supp. 1. Stored in Document Control Station, MO-500/132		47.2	
42	Vendor Information Files	VI-50116, Supp. 10	0	Instrumentation Data, Manuals, and Drawings for Chilled Water Loop TI-7007	08/01/00	N/A	VI-50116, Supp. 10. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 10	0	Instrumentation Data, Manuals, and Drawings for Chilled Water Loop TI-7015	08/01/00	N/A	VI-50116, Supp. 10. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 10	0	Instrumentation Data, Manuals, and Drawings for Chilled Water Loop TI-7017	08/01/00	N/A	VI-50116, Supp. 10. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 13	0	Instrumentation Data, Manuals, and Drawings for Bay Chilled Water Control I/P TY-8203	08/01/00	N/A	VI-50116, Supp. 13. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 13	0	Instrumentation Data, Manuals, and Drawings for Bay Chilled Water Control I/P TY-8303	08/01/00	N/A	VI-50116, Supp. 13. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 13	0	Instrumentation Data, Manuals, and Drawings for Bay Chilled Water Control I/P TY-8403	08/01/00	N/A	VI-50116, Supp. 13. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 13	0	Instrumentation Data, Manuals, and Drawings for Bay Chilled Water Control I/P TY-8503	08/01/00	N/A	VI-50116, Supp. 13. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14	0	Instrumentation Data, Manuals, and Drawings for Bay 5 HVAC Intake Damper ZS-8501	08/01/00	N/A	VI-50116, Supp. 14. Not yet entered into VI Reports		30	
42	Vendor Information Files	VI-50116, Supp. 14	0	Instrumentation Data, Manuals, and Drawings for Bay 5 ISO Damper ZS-8502	08/01/00	N/A	VI-50116, Supp. 14. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14	0	Instrumentation Data, Manuals, and Drawings for Bay 5 LOC ISO Damper ZS-8503	08/01/00	N/A	VI-50116, Supp. 14. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14	0	Instrumentation Data, Manuals, and Drawings for General Exhaust Lead Damper ZS-8026	08/01/00	N/A	VI-50116, Supp. 14. Not yet entered into VI Reports			

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42	Vendor Information Files	VI-50116, Supp. 14	0	Instrumentation Data, Manuals, and Drawings for General Exhaust Standby Damper ZS-8028	08/01/00	N/A	VI-50116, Supp. 14. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Bay 2 HVAC Intake Damper ZS-8201	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports		30	
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Bay 2 ISO Damper ZS-8202	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Bay 2 LOC ISO Damper ZS-8203	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Bay 3 HVAC Intake Damper ZS-8301	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports		30	
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Bay 3 ISO Damper ZS-8302	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Bay 3 LOC ISO Damper ZS-8303	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Bay 4 HVAC Intake Damper ZS-8401	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports		30	
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Bay 4 ISO Damper ZS-8402	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Bay 4 LOC ISO Damper ZS-8403	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Fume Hood ISO Damper ZS-8016	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Gen Supply in ISO Damper ZS-8001	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Mech Room ISO Damper ZS-8018	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Mech Room ISO Damper ZS-8019	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Spare Bay ISO Damper ZS-8102	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 14 & 15	0	Instrumentation Data, Manuals, and Drawings for Transfer Corridor ISO Damper ZS-8015	08/02/00	N/A	VI-50116, Supp. 14 & 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 15	0	Instrumentation Data, Manuals, and Drawings for Low Tank ISO Damper ZS-8035	08/02/00	N/A	VI-50116, Supp. 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 15	0	Instrumentation Data, Manuals, and Drawings for LW Room Damper ZS-8017	08/02/00	N/A	VI-50116, Supp. 15. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 16	0	Instrumentation Data, Manuals, and Drawings for HVAC Filter Hi temp indicator Switch PDIS-8*03	08/03/00	N/A	VI-50116, Supp. 16. Not yet entered into VI Reports		30	
42	Vendor Information Files	VI-50116, Supp. 17	0	Operation And Maintenance Data	08/07/00	N/A	VI-50116, Supp. 17. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 18	0	Operation And Maintenance Manuals	08/07/00	N/A	VI-50116, Supp. 18. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 2	0	Instrumentation Data, Manuals, and Drawings for General Supply Cooling Valves TCV-88004	05/25/00	N/A	VI-50116, Supp. 2. Stored in Document Control Station, MO-500/132			

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42	Vendor Information Files	VI-50116, Supp. 20	0	Fire Protection Flexible Couplings	08/08/00	N/A	VI-50116, Supp. 20. Not yet entered into VI Reports		24	
42	Vendor Information Files	VI-50116, Supp. 20	0	Fire Protection Pipe and Fittings	08/08/00	N/A	VI-50116, Supp. 20. Not yet entered into VI Reports		24	
42	Vendor Information Files	VI-50116, Supp. 20	0	Fire Protection Reducers	08/08/00	N/A	VI-50116, Supp. 20. Not yet entered into VI Reports		24	
42	Vendor Information Files	VI-50116, Supp. 21	0	Fire Protection Expansion Anchors	08/09/00	N/A	VI-50116, Supp. 21. Not yet entered into VI Reports		24	
42	Vendor Information Files	VI-50116, Supp. 22	0	Fire Protection Water Motor Alarm Gong	08/09/00	N/A	VI-50116, Supp. 22. Not yet entered into VI Reports		24	
42	Vendor Information Files	VI-50116, Supp. 23	0	Fire Protection Backflow Prevention Assembly	08/09/00	N/A	VI-50116, Supp. 23. Not yet entered into VI Reports		24	
42	Vendor Information Files	VI-50116, Supp. 24	0	Fire Protection Waterflow Alarm Switch	08/09/00	N/A	VI-50116, Supp. 24. Not yet entered into VI Reports		24	
42	Vendor Information Files	VI-50116, Supp. 25	0	Fire Protection Valve Position Supervisory Switch	08/09/00	N/A	VI-50116, Supp. 25. Not yet entered into VI Reports		24	
42	Vendor Information Files	VI-50116, Supp. 26	0	Fire Protection Sprinklers	08/09/00	N/A	VI-50116, Supp. 26. Not yet entered into VI Reports		24	
42	Vendor Information Files	VI-50116, Supp. 27	0	Fire Protection Sprinkler Cabinet	08/09/00	N/A	VI-50116, Supp. 27. Not yet entered into VI Reports		24	
42	Vendor Information Files	VI-50116, Supp. 28	0	Fire Protection Alarm Check Valve	08/09/00	N/A	VI-50116, Supp. 28. Not yet entered into VI Reports		24	
42	Vendor Information Files	VI-50116, Supp. 28	0	Fire Protection Fire Department Connection	08/09/00	N/A	VI-50116, Supp. 28. Not yet entered into VI Reports		24	
42	Vendor Information Files	VI-50116, Supp. 3	0	Instrumentation Data, Manuals, and Drawings for Instrument Air Supply Valve PCV-5009	05/25/00	N/A	VI-50116, Supp. 3. Not yet entered into VI Reports		12	
42	Vendor Information Files	VI-50116, Supp. 3	0	Instrumentation Data, Manuals, and Drawings for Instrument Air Supply Valve PCV-5010	05/25/00	N/A	VI-50116, Supp. 3. Not yet entered into VI Reports		12	
42	Vendor Information Files	VI-50116, Supp. 3	0	Instrumentation Data, Manuals, and Drawings for Instrument Air Supply Valve PCV-5011	05/25/00	N/A	VI-50116, Supp. 3. Not yet entered into VI Reports		12	
42	Vendor Information Files	VI-50116, Supp. 3	0	Instrumentation Data, Manuals, and Drawings for Instrument Air Supply Valve PCV-5012	05/25/00	N/A	VI-50116, Supp. 3. Not yet entered into VI Reports		12	
42	Vendor Information Files	VI-50116, Supp. 3	0	Instrumentation Data, Manuals, and Drawings for Instrument Air Supply Valve PCV-5013	05/25/00	N/A	VI-50116, Supp. 3. Not yet entered into VI Reports		12	
42	Vendor Information Files	VI-50116, Supp. 34	0	Ductwork Accessories Maintenance Data	08/14/00	N/A	VI-50116, Supp. 34. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 35	0	Instrumentation Data, Manuals, and Drawings for Pressure Control Valve PCV-5014	08/15/00	N/A	VI-50116, Supp. 35. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 35	0	Instrumentation Data, Manuals, and Drawings for Pressure Control Valve PCV-5015	08/15/00	N/A	VI-50116, Supp. 35. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 35	0	Instrumentation Data, Manuals, and Drawings for Pressure Control Valve PCV-5016	08/15/00	N/A	VI-50116, Supp. 35. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 35	0	Instrumentation Data, Manuals, and Drawings for Pressure Control Valve PCV-5017	08/15/00	N/A	VI-50116, Supp. 35. Not yet entered into VI Reports			

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42	Vendor Information Files	VI-50116, Supp. 36	0	Circuit or Control Diagram for Flow Instrument FIT-7053	08/15/00	N/A	VI-50116, Supp. 36. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 36	0	Illustrative Cuts of Flow Instrument FIT-7053	08/15/00	N/A	VI-50116, Supp. 36. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 36	0	Installation Instructions for Flow Instrument FIT-7053	08/15/00	N/A	VI-50116, Supp. 36. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 36	0	Instrumentation Dimensional Drawings for Flow Instrument FIT-7053	08/15/00	N/A	VI-50116, Supp. 36. Not yet entered into VI Reports		93	
42	Vendor Information Files	VI-50116, Supp. 36	0	Maintenance Instructions for Flow Instrument FIT-7053	08/15/00	N/A	VI-50116, Supp. 36. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 36	0	Operation Instructions for Flow Instrument FIT-7053	08/15/00	N/A	VI-50116, Supp. 36. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 36	0	Spare Parts List for Flow Instrument FIT-7053	08/15/00	N/A	VI-50116, Supp. 36. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 36	0	Specifications for Flow Instrument FIT-7053	08/15/00	N/A	VI-50116, Supp. 36. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 37	0	Instrumentation Data, Manuals, and Drawings for Flow Switch FS-7035	08/15/00	N/A	VI-50116, Supp. 37. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 38	0	Instrumentation Data, Manuals, and Drawings for Liquid Detection Element LDE-4012	08/15/00	N/A	VI-50116, Supp. 38. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 39	0	Instrumentation Data, Manuals, and Drawings for Liquid Waste Tank High Level Switch LSH-4016	08/15/00	N/A	VI-50116, Supp. 39. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 4	0	Instrumentation Data, Manuals and Drawings for Flow Instrument FIT-8007	07/26/00	N/A	VI-50116, Supp. 4. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 4	0	Instrumentation Data, Manuals and Drawings for Flow Instrument FIT-8024	07/26/00	N/A	VI-50116, Supp. 4. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 4	0	Instrumentation Data, Manuals and Drawings for Flow Instrument FIT-8044	07/26/00	N/A	VI-50116, Supp. 4. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 40	0	Instrumentation Data, Manuals, and Drawings for Sanitary Tank High Level Switch LSH-9031	08/15/00	N/A	VI-50116, Supp. 40. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 41	0	Instrumentation Data, Manuals, and Drawings for Liquid Waste Tank Level LW-TK-4001	08/15/00	N/A	VI-50116, Supp. 41. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 42	0	Instrumentation Data, Manuals, and Drawings for Liquid Waste Tank Level LW-TK-4002	08/16/00	N/A	VI-50116, Supp. 42. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 43	0	Instrumentation Data, Manuals, and Drawings for Nitrogen Supply Valve PCV-5003	08/16/00	N/A	VI-50116, Supp. 43. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 44	0	Instrumentation Data, Manuals, and Drawings for Instrument Air Supply Valve PCV-5006	08/16/00	N/A	VI-50116, Supp. 44. Not yet entered into VI Reports		12	
42	Vendor Information Files	VI-50116, Supp. 45	0	Instrumentation Data, Manuals, and Drawings for Helium Supply Valve PCV-5028	08/16/00	N/A	VI-50116, Supp. 45. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 46	0	Instrumentation Data, Manuals, and Drawings for CHW Bypass Valve PCV-7055	08/16/00	N/A	VI-50116, Supp. 46. Not yet entered into VI Reports		47.4	

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42	Vendor Information Files	VI-50116, Supp. 47	0	Instrumentation Data, Manuals, and Drawings for CHW Bypass Valve PCV-7060	08/16/00	N/A	VI-50116, Supp. 47. Not yet entered into VI Reports		47.4	
42	Vendor Information Files	VI-50116, Supp. 47	0	Instrumentation Data, Manuals, and Drawings for CHW Bypass Valve PCV-7061	08/16/00	N/A	VI-50116, Supp. 47. Not yet entered into VI Reports		47.4	
42	Vendor Information Files	VI-50116, Supp. 48	0	Instrumentation Data, Manuals, and Drawings for De-ionized Water Supply Valve PCV-9003	08/21/00	N/A	VI-50116, Supp. 48. Not yet entered into VI Reports		25	
42	Vendor Information Files	VI-50116, Supp. 49	0	Instrumentation Data, Manuals, and Drawings for Chilled Water Fill Valve PCV-9021	08/21/00	N/A	VI-50116, Supp. 49. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 5	0	Instrumentation Data, Manuals, and Drawings for Instrument Air Supply Valve PCV-5014	07/27/00	N/A	VI-50116, Supp. 5. Not yet entered into VI Reports		12	
42	Vendor Information Files	VI-50116, Supp. 5	0	Instrumentation Data, Manuals, and Drawings for Instrument Air Supply Valve PCV-5015	07/27/00	N/A	VI-50116, Supp. 5. Not yet entered into VI Reports		12	
42	Vendor Information Files	VI-50116, Supp. 5	0	Instrumentation Data, Manuals, and Drawings for Instrument Air Supply Valve PCV-5016	07/27/00	N/A	VI-50116, Supp. 5. Not yet entered into VI Reports		12	
42	Vendor Information Files	VI-50116, Supp. 5	0	Instrumentation Data, Manuals, and Drawings for Instrument Air Supply Valve PCV-5017	07/27/00	N/A	VI-50116, Supp. 5. Not yet entered into VI Reports		12	
42	Vendor Information Files	VI-50116, Supp. 50	0	Instrumentation Data, Manuals, and Drawings for Fan Intake PSL-8049	08/21/00	N/A	VI-50116, Supp. 50. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 50	0	Instrumentation Data, Manuals, and Drawings for General Exhaust Fan Intake Low Pressure Switch PSL-8029	09/07/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Bay 2 ISO Damper Valve SOV-8202	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Bay 2 LOC ISO Damper Valve SOV-8203	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Bay 3 ISO Damper Valve SOV-8302	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Bay 3 LOC ISO Damper Valve SOV-8303	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Bay 4 ISO Damper Valve SOV-8402	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Bay 4 LOC ISO Damper Valve SOV-8403	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Bay 5 ISO Damper Valve SOV-8502	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Bay 5 LOC ISO Damper Valve SOV-8503	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Exhaust Stack ISO Damper Valve SOV-8060	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Fume Hood ISO Damper Valve SOV-8016	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for General Exhaust Standby ISO Damper Valve SOV-8026	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Local Exhaust Lead Damper Valve SOV-8046	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports		30.3	
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Local Exhaust Standby Damper Valve SOV-8048	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports		30.3	
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Low Tank Room Damper Valve SOV-8035	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Mech Room ISO Damper Valve SOV-8017	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Mech Room ISO Damper Valve SOV-8018	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Mech Room ISO Damper Valve SOV-8019	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Open Damper Valve SOV-8*01	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Spare Bay ISO Damper Valve SOV-8102	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Supply ISO Damper Valve SOV-8001	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 51	0	Instrumentation Data, Manuals, and Drawings for Transfer Corridor ISO Damper Valve SOV-8015	08/21/00	N/A	VI-50116, Supp. 51. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for Air Handling Unit Prefilter Pressure Switch PDIS-8001	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for Air Handling Unit Prefilter Pressure Switch PDIS-8002	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for Bay HVAC Fan Pressure Switch PDIS-8*05	08/28/00		Stored in Document Control Station, MO-500/132		30	
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for Bay HVAC Filter Pressure Switch PDIS-8*01	08/28/00		Stored in Document Control Station, MO-500/132		30	
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for Bay HVAC Filter Pressure Switch PDIS-8*02	08/28/00		Stored in Document Control Station, MO-500/132		30	
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for General Exhaust HEPA Filter Pressure Switch PDIS-8021	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for General Exhaust HEPA Filter Pressure Switch PDIS-8022	08/28/00		Stored in Document Control Station, MO-500/132			

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42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for General Exhaust HEPA Filter Pressure Switch PDIS-8023	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for General Exhaust Lead Fan Pressure Switch PDIS-8025	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for General Exhaust Standby Fan Pressure Switch PDIS-8027	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for Local Exhaust Filter Pressure Switch PDIS-8041	08/28/00		Stored in Document Control Station, MO-500/132		30.3	
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for Local Exhaust Filter Pressure Switch PDIS-8042	08/28/00		Stored in Document Control Station, MO-500/132		30.3	
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for Local Exhaust Filter Pressure Switch PDIS-8043	08/28/00		Stored in Document Control Station, MO-500/132		30.3	
42	Vendor Information Files	VI-50116, Supp. 57	0	Instrumentation Data, Manuals, and Drawings for Local Exhaust Lead Fan Pressure Switch PDIS-8047	08/28/00		Stored in Document Control Station, MO-500/132		30.3	
42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Bay 2 Pressure Transmitter PDIT-8220	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Bay 3 Pressure Transmitter PDIT-8320	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Bay 4 Pressure Transmitter PDIT-8420	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Bay 5 Pressure Transmitter PDIT-8520	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Change Room 118 Pressure Transmitter PDIT-8078	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Change Room 121 Pressure Transmitter PDIT-8077	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Change Room 124 Pressure Transmitter PDIT-8076	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Change Room 127 Pressure Transmitter PDIT-8075	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Change Room 130 Pressure Transmitter PDIT-8074	08/28/00		Stored in Document Control Station, MO-500/132			

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42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Corridor Area Pressure Transmitter PDIT-8079	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Lower Storage Room Pressure Transmitter PDIT-8080	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Mechanical Room 210 Pressure Transmitter PDIT-8070	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 58	0	Instrumentation Data, Manuals, and Drawings for Transfer Corridor Pressure Transmitter PDIT-8073	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 59	0	Instrumentation Data, Manuals, and Drawings for General Exhaust Fan Intake Low Pressure Switch PT-5008	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 59	0	Instrumentation Data, Manuals, and Drawings for General Exhaust Fan Intake Low Pressure Switch PT-5030	08/28/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 59	0	Instrumentation Data, Manuals, and Drawings for Potable Water Pressure Transmitter PT-9020	08/28/00		Stored in Document Control Station, MO-500/132		26	
42	Vendor Information Files	VI-50116, Supp. 6	0	Instrumentation Data, Manuals, and Drawings for Bay Supply Cooling Valves TV-8*03	07/28/00	N/A	VI-50116, Supp. 6. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 64	0	Instrumentation Data, Manuals, and Drawings for General Exhaust Fan Intake Low Pressure Switch PSL-8049	08/21/00		Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	VI-50116, Supp. 7	0	Instrumentation Data, Manuals, and Drawings for Freeze Stat for General Supply TE-8005	07/28/00	N/A	VI-50116, Supp. 7. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 8	0	Instrumentation Data, Manuals, and Drawings for Gen Supply Temp TT-8006	07/28/00	N/A	VI-50116, Supp. 8. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 8	0	Instrumentation Data, Manuals, and Drawings for HVAC fan supply TT-8*06	07/28/00	N/A	VI-50116, Supp. 8. Not yet entered into VI Reports		30	
42	Vendor Information Files	VI-50116, Supp. 8	0	Instrumentation Data, Manuals, and Drawings for OSA Temp TT-8001	07/28/00	N/A	VI-50116, Supp. 8. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 9	0	Instrumentation Data, Manuals, and Drawings for Bay Supply Preheat Supply TT-8405	07/28/00	N/A	VI-50116, Supp. 9. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 9	0	Instrumentation Data, Manuals, and Drawings for Bay Supply Preheat Supply TT-8505	07/28/00	N/A	VI-50116, Supp. 9. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 9	0	Instrumentation Data, Manuals, and Drawings for Bay Supply Preheat TT-8205	07/28/00	N/A	VI-50116, Supp. 9. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 9	0	Instrumentation Data, Manuals, and Drawings for Bay Supply Preheat TT-8305	07/28/00	N/A	VI-50116, Supp. 9. Not yet entered into VI Reports			
42	Vendor Information Files	VI-50116, Supp. 9	0	Instrumentation Data, Manuals, and Drawings for Gen Supply Heat Coil TT-8003	07/28/00	N/A	VI-50116, Supp. 9. Not yet entered into VI Reports			

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
42	Vendor Information Files			Instrumentation Data, Manuals, and Drawings for Sanitary Tank High Level Switch LSH-9031	N/A		Closure awaiting VI Verification			
42	Vendor Information Files			Instrumentation Data, Manuals, and Drawings for Compressed Air Supply Valve SRV-5007	N/A		Closure awaiting final SDC Action		12	
42	Vendor Information Files			Instrumentation Data, Manuals, and Drawings for Local Exhaust Lead Fan Pressure Switch PDIS-8045	N/A	MSL, p. 826	Awaiting Submittal		30.3	
42	Vendor Information Files			Instrumentation Data, Manuals, and Drawings for Tank Effluent Drain Valve SOV-9034	N/A		Closure awaiting VI Verification		18	
42	Vendor Information Files			Instrumentation Data, Manuals, and Drawings for Tempered Water Cooling Loop TT-7062	N/A		Awaiting Submittal		47.2	
43	Comprehensive Equipment List	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	Spare Parts List	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
1	Final Safety Analysis Report	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Safety Equipment List (SEL)	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Operational Safety Documents	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Design Criteria	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	System Design Description	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Test Plan/Specifications	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Construction Acceptance Tests - Procedures and Reports	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	PAT Procedure(s)/Reports	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Environmental Impact Statement	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Environmental Permit	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Solid Waste Disposal Plan/Procedure	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Supporting Calculation	82600-99-FJH-012	draft	Independent Analysis of Proposed Design Changes for Tempered Water System	08/10/99		Status Undetermined.		47.1	
12	Supporting Calculation	SNF-5119	0	Independent Review of the 30# Relief Valve, Safety Class Helium, Tempered Water, and Process Water Conditioning Systems at the Cold Vacuum Drying Facility F.J. Heard Numatec Hanford Corporation Richland Washington	11/18/99		Approved - Released and Controlled in the Hanford Document Control System		13.2/47.1/46.1	
12	Supporting Calculation	SNF-7048		CVD-1: Size P-3*14 TW Recirculation Pump. 7/9/1999			Document Pending.			
12	Supporting Calculation	SNF-7048		CVD-10: CVDF Mass Balance: Water Removed During Purge & Heat, Vacuum Cycle and Pump Down Steps. 12/22/1998			Document Pending.		7	
12	Supporting Calculation	SNF-7048		CVD-11: CVDF Mass Balance During Annulus Draining. 12/10/1996			Document Pending.			
12	Supporting Calculation	SNF-7048		CVD-12: CVDF Mass Balance During Bulk Water Removal Step. 12/10/1996			Document Pending.		7.1	
12	Supporting Calculation	SNF-7048		CVD-1A: SRV-3*11 SIZING. 11/29/1999			Document Pending.			
12	Supporting Calculation	SNF-7048		CVD-27A: Process Gas Flow Rate Through SRV-2*17. 10/23/1998			Document Pending.			
12	Supporting Calculation	SNF-7048		CVD-28: Pressure Drop of Steam from SRV-3*11. 10/23/1998			Document Pending.			

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12	Supporting Calculation	SNF-7048		CVD-28A: Pressure Drop of Steam from TW-TK-3*12 to Vent Line. 10/26/1998			Document Pending.			
12	Supporting Calculation	SNF-7048		CVD-31: Vent Path Flow on MCO Valve Operator. 10/23/1998			Document Pending.		94	
12	Supporting Calculation	SNF-7048		CVD-32: Flow Through Tempered Water System Assuming a Line Break. 11/2/1999			Document Pending.		47.1	
12	Supporting Calculation	SNF-7048		CVD-4: Impact of Automatic Valve Leakage on MCO Pressure Rise Test. 8/30/1996			Document Pending.		94	
12	Supporting Calculation	SNF-7048		FH-EL-00-021: Recommended Heater for Tempered Water Exit Exhaust Vent Filter (PV-F-3*16). 6/21/2000			Document Pending.		47.1	
13	Stress / Design Report	SNF-4772	0A	Evaluation of Cold Vacuum Drying Facility Seal Ring Loading and Stress, B.A. Crea, edr 625668, Numatec Hanford Corporation Richland Washington	10/19/99		Approved - Released and Controlled in the Hanford Document Control System			
13	Stress / Design Report	SNF-6245	0	Tempered Water Lower Port Connector Structural Analysis Verification, B.A. Crea, Fluor Hanford, inc., Richland, Washington	05/05/00		Approved - Released and Controlled in the Hanford Document Control System		47.1	
13	Stress / Design Report	SNF-7048		CVD-30: ASME B31.3 Pressure Design of Components, Pipe Thickness Calculation for Straight Pipe Under Internal Pressure. 10/23/1998			Document Pending.			
13	Stress / Design Report	SNF-7055		MER-2288-S-012: VPS Skid Frame and Piping/Equipment. 11/1/1997			Document Pending.		7	
13	Stress / Design Report	SNF-7055		MER-2288-S-012A: Process Equipment Skid using Hanford Site Ground Response Spectra. 5/4/1998			Document Pending.			
14	Design Specifications / Report	SNF-5001	0	Spent Nuclear Fuel Cold Vacuum Drying Facility, Tempered Water System, Seal Ring Assembly Formal Design Review Report	11/4/99		Approved - Released and Controlled in the Hanford Document Control System		47.1	
15	Procurement Specifications	SNF-5301 (W-441-P1)	0	Procurement Specification for Fabrication, Acceptance Testing, and Shipment of the Cold Vacuum Drying Facility Process Equipment Skid (W-441-P1)	12/01/99		Approved - Released and Controlled in the Hanford Document Control System		19	
16	Construction Specification	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	Final Design Drawings	H-1-82096, sh. 3	1	CVDF Process Equipment Skid Drawing List and Vicinity Map	11/17/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82302, sh. 1	2	CVDF Process Equipment Skid Junction Box Assembly	11/17/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82302, sh. 2	3	CVDF Process Equipment Skid Connection Diagram	11/17/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82302, sh. 3	3	CVDF Process Equipment Skid Connection Diagram	11/17/99		Approved - Released and Controlled in the Hanford Document Control System			

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17	Final Design Drawings	H-1-82351, sh. 1	4	CVDF Process Equipment Skid - General Notes and Legends	09/13/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82351, sh. 2	4	CVDF Process Equipment Skid Piping Plan and Elevations	09/13/00		Approved - Released and Controlled in the Hanford Document Control System		1	
17	Final Design Drawings	H-1-82351, sh. 3	4	CVDF Process Equipment Skid Piping Plan and Elevations	09/14/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82351, sh. 4	4	CVDF Process Equipment Skid Piping Sections	09/13/00		Approved - Released and Controlled in the Hanford Document Control System		1	
17	Final Design Drawings	H-1-82352, sh. 1	4	CVDF Process Equipment Skid Structural	09/08/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82352, sh. 2	1	CVDF Process Equipment Skid Structural Detail	11/17/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82361, sh. 1	3	CVDF Process Equipment Skid Cond Tank VPS-TK-2*16	11/17/99		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		7	
17	Final Design Drawings	H-1-82362	3	CVDF Process Equipment Skid Recirc Tank TW-TK-3*12	11/17/99		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
18	Master Equipment List	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	As-Built Drawings	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Piping and Instrumentation Drawings (P&ID)	H-1-82160, sh. 1	4	CVDF P&ID Legend	11/10/99		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		94	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82161, sh. 1	5	CVDF Process Equipment Skid P&ID MCO / Cask Interface	09/02/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		94	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82162, sh. 1	3	CVDF Process Equipment Skid P&ID Vacuum Pumping System	09/11/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		1	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82162, sh. 2	0	CVDF Process Equipment Skid P&ID Vacuum Pumping System	09/11/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		1	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82163, sh. 1	3	CVDF Process Equipment Skid P&ID MCO / Tempered Water System	09/02/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		94/47.1	
21	Drawing Tree	H-1-83946, sh 1-3	3	Cold Vacuum Facility Drawing Tree	06/15/00		Approved. D8334433; D8334460; D8334464			
22	Interface Control Documents	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	Software Configuration Management Plan	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24	System Requirements Specification	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	Software Design Description	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
26	Software Verification and Validation	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	Software User Manual	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	Training Plan	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Training Manuals	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	Training to Operating Crews	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	Training to Maintenance Crews	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	Operations and Maintenance Manuals - found in VI files	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	Operating Procedures	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34	Surveillance Procedures	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Calibration Procedures	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
36	Preventative Maintenance Procedures	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
37	Repair/Maintenance Procedures	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
38	Functional Check Procedures	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	PM/SS System (Preventative Maintenance Data Sheets	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	Inspection Plans	PO-2625	0	HiLine Engineering Purchase Order -- Bay #3 Process Equipment Skid			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2625	0	HiLine Engineering Purchase Order -- Bay #4 Process Equipment Skid			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2625	0	HiLine Engineering Purchase Order -- Bay #5 Process Equipment Skid			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
41	QA Program Plan	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.1 Welding Procedure Specifications	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.10 Cleaning Procedures	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.11 Tank Fabrication Drawings	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.12 Tank Fabrication Design Calculations	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.13 Meeting Minutes	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.14 Action Item Log	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.15 Piping Spool Piece Weld Location Drawings	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.2 Welding Procedure Qualification Record	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.3 Welding Qualification Records	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.4 Sensitife Leak Test Procedures	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.5 Hydrostatic/Pneumatic Leak Test Procedure	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.6 Radiography Test Procedure	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.7 NDE Personnel Certifications	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.8 Equipment Factory Test Procedures (Equipment Check-out Test Procedure)	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 1.9 Test Equipment Calibration Reports	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 2.10 Dimensional Inspection Reports	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 2.11 Visual Examination Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 2.12 Final Inspection Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 2.9 In-process Material Inspection Reports (Fabrication Travelers)	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.1 Sensitive Leak Test Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.10 In-Process Material Inspection Reports	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.11 Dimensional Inspection Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.12 Visual Examination Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.13 Final Inspection Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.14 Shipping Inspection Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.15 Certificates of Calibration	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.16 Red-line Drawings	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.2 Hydro/Pneumatic Leak Test Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.3 Radiography Test Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.4 Visual Weld Exam Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.5 Final Cleanliness Documentation	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.6 Valve Test Check List	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.7 Continuity Test Log	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.8 Receipt Inspections	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	

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42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 4.9 Certified Material Test Reports or Certificates of Conformance	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.1 Sensitive Leak Test Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.10 In-Process Material Inspection Reports (Fabrication Travelers)	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.11 Dimensional Inspection Reports	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.12 Visual Examination Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.13 Final Inspection Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.14 Shipping Inspection Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.15 Certificates of Calibration	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.2 Hydrostatic/Pneumatic Leak Test Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.3 Radiography Test Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.4 Visual Weld Exam Reports	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.5 Final Cleanliness Documentation	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.6 Valve Test Check List	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.7 Continuity Test Log	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.8 Receipt Inspections	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9812-DUK-010		Process Water Conditioning Skid PES Final Data Package - 5.9 Certified Material Test Reports or Certificates of Conformance	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46.1	
42	Vendor Information Files	9901-DUK-010		Process Equipment Skid #4 Structural Job Package	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132	Not in FMIS		

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ABU Cate- gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
42	Vendor Information Files	9901-DUK-010		Process Equipment Skid #4 Structural Job Package Section A. Fabrication Traveler Structural	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	9901-DUK-010		Process Equipment Skid #4 Structural Job Package Section B. Welder/NDE Log Structural	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	9901-DUK-010		Process Equipment Skid #4 Structural Job Package Section C. CMTR Traceability Structural	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	9901-DUK-010		Process Equipment Skid #4 Structural Job Package Section D. Dimensional Inspection Plan - Structural	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	9901-DUK-010		Process Equipment Skid #4 Structural Job Package Section E. CWI Qualification and Visual Inspection Procedure	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	9901-DUK-010		Process Equipment Skid #4 Structural Job Package Section F. Welding Procedure Specification (WPS), Procedure Qualification Record (PQR), Welder Performance Qualification (WPO) - HI-GM-02	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	ANAL-9901-DUK- 010	0	Process Equipment Skid #4 Structural Job Package Section G. PES Lift Lug Analysis	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	CIP-9901-DUK-010- 01	1	Process Equipment Skid #4 Piping Job Package Section F Cleaning/Inspection Plan	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	CIP-9901-DUK-010- 01		Process Equipment Skid #4 Piping Job Package Section G NDE Inspection Procedures and Personnel Qualifications	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	CIP-9901-DUK-010- 01		Process Equipment Skid #4 Piping Job Package Section H. Piping/Welding Procedure Specification (WPS)/Procedure Qualification Record (PQR) for Welding Procedure HI-GT-AU- 01/Welding Performance Qualification for Welding Procedure HI-GT-AU-01	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	FP-9901-DUK-010- 02	2	Process Equipment Skid #4 Piping Job Package Section A. Fabrication Plan PES Stainless Steel Piping and Equipment	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	FP-9901-DUK-010- 02		Process Equipment Skid #4 Piping Job Package Section B. Fabrication Traveler Piping	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	FP-9901-DUK-010- 03	1	Process Equipment Skid #4 Piping Job Package Section C Fabrication Plan PES Electrical	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files	FP-9901-DUK-010- 03		Process Equipment Skid #4 Piping Job Package Section D. Welder/NDE Log Piping	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
42	Vendor Information Files	FP-9901-DUK-010-03		Process Equipment Skid #4 Piping Job Package	11/15/99	P1-053.1	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132			
42	Vendor Information Files			Section E Radiograph Reports	N/A	P1-051	Waiting final SDC Action			
43	Comprehensive Equipment List	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	Spare Parts List	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Process Water Conditioning

ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
1	Final Safety Analysis Report	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Safety Equipment List (SEL)	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Operational Safety Documents	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Design Criteria	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	System Design Description	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Test Plan/Specifications	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Construction Acceptance Tests - Procedures and Reports	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	PAT Procedure(s)/Reports	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Environmental Impact Statement	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Environmental Permit	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Solid Waste Disposal Plan/Procedure	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Supporting Calculation	SNF-5197	0	Evaluation of the Cold Vacuum Drying Facility Ion Exchange Requirements, EDT-627584, B. J. Shapley, Cogema Engineering Corp.	10/08/99		Approved - Released and Controlled in the Hanford Document Control System		46	
12	Supporting Calculation	SNF-6329	0	Process Water Conditioning Receiver Tanks Safety Relief Valve (PWC-SRV-4060), EDT-613078, F.J. Heard, Fluor Hanford, Inc., Richland, Washington.	07/14/00		Approved - Released and Controlled in the Hanford Document Control System		46	
12	Supporting Calculation	SNF-7049		CVD-18A: Size PWC-EJR-4031. 7/7/1999			Document Pending		46	
12	Supporting Calculation	SNF-7049		CVD-18B: Size PWC-P-4035/6. 6/17/1999			Document Pending		46	
12	Supporting Calculation	SNF-7049		CVD-22: Velocity Required to Transport Particulates From the MCC. 10/23/1998			Document Pending		94	
12	Supporting Calculation	SNF-7049		CVD-36: Process Water Conditioning Receiver Tank Sizing PWC-TK-4033 Safety Relief Valve Sizing. 3/6/2000			Document Pending		46	
12	Supporting Calculation	SNF-7049		MEI-2288-ME-01-C: Pump PWC-P-4001. 3/5/1998			Document Pending		46	

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12	Supporting Calculation	SNF-7049		PNNL-11746: Comparison of Inorganic Ion Exchange Materials for Removing Cesium Strontium and Transuranic Elements from K-Basin Water G.N. Brown, et al, Pacific Northwest National Laboratory, Richland Washington. 10/1/1997			Document Pending		46	
12	Supporting Calculation	WHC-SD-SNF-ES-022	0	Study for the Disposal of Process Water from the K Basins Cold Vacuum Drying Facility, Westinghouse Hanford Company, Richland, Washington.	11/18/96		Approved - Released and Controlled in the Hanford Document Control System		46	
13	Stress / Design Report	SNF-7055		MER-2288-S-013: Hanford CVDF PWC Skid Seismic Evaluation. 6/12/2000			Document Pending		46	
14	Design Spec/Report	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Procurement Specifications	SNF-5302	0	Fabrication, Acceptance Testing, and Shipment of the Cold Vacuum Drying Process Water Conditioning Skid (W-441-P2)	12/09/99		Approved - Released and Controlled in the Hanford Document Control System		46	
16	Construction Specification	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	Final Design Drawings	H-1-82096, sh. 6	3	Process Water Conditioning Drawing List and Vicinit Map	11/30/99		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-82168, sh. 1	4	Process Water Conditioning Piping Plan and Sections	09/08/00		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-82168, sh. 2	4	Process Water Conditioning Piping Sections	09/08/00		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-82168, sh. 3	4	Process Water Conditioning Piping Sections	09/08/00		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-82169, sh. 1	2	PWC Filter Shielding Parts / Material List & Assembly	11/30/99		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-82169, sh. 2	1	PWC Filter Shielding Weldment	11/30/99		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-82169, sh. 3	1	PWC Filter Shielding Weldment	11/30/99		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-82171, sh. 1	3	Process Water Conditioning Receiver Tank PWC-TK-4033	11/30/99		ESSENTIAL - Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-82171, sh. 2	3	Process Water Conditioning Receiver Tank PWC-TK-4032	11/30/99		ESSENTIAL - Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-82172, sh. 1	3	Process Water Conditioning Structural	11/30/99		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-82172, sh. 2	3	Process Water Conditioning Structural Details	09/08/00		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-82307, sh. 1	2	Junction Box Assembly	11/30/99		Approved - Released and Controlled in the Hanford Document Control System		46	

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17	Final Design Drawings	H-1-82307, sh. 2	2	Process Water Conditioning I/O Connection Diagram	11/30/99		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-82307, sh. 3	2	Process Water Conditioning I/O Connection Diagram	11/30/99		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-83903, sh. 1	0	CVDF Ion Exchange Module Assembly	02/08/99		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-83903, sh. 2	0	CVDF Ion Exchange Module Assembly	02/09/99		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-83903, sh. 3	0	CVDF Ion Exchange Module Assembly	02/10/99		Approved - Released and Controlled in the Hanford Document Control System		46	
17	Final Design Drawings	H-1-83903, sh. 4	0	CVDF Ion Exchange Module Assembly	02/11/99		Approved - Released and Controlled in the Hanford Document Control System		46	
18	Master Equipment List	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	As-Built Drawings	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Piping and Instrumentation Drawings (P&ID)	H-1-82164, sh. 1	3	Process Water Conditioning P&ID	09/02/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		46	
21	Drawing Tree	H-1-83946, sh 1	3	Cold Vacuum Facility Drawing Tree	06/15/00		Approved. D8334433; D8334460; D8334464		N/A	
22	Interface Control Documents	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	Software Configuration Management Plan	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24	System Requirements	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	Software Design Description	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	Software Verification and Validation	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	Software User Manual	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	Training Plan	N/A to this section	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Training Manuals	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	Training to Operating Crews	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	Training to Maintenance Crews	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	Operations and Maintenance Manuals - found in VI files	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	Operating Procedures	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34	Surveillance Procedures	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Calibration Procedures	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
36	Preventative Maintenance Procedures	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
37	Repair/Maintenance Procedures	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
38	Functional Check Procedures	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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39	PM/S System (Preventative Maintenance Data Sheets	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	Inspection Plans	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
41	QA Program Plan	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.1 Welding Procedure Specifications	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.10 Cleaning Procedures	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.11 Tank Fabrication Drawings	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.12 Tank Fabrication Design Calculations	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.13 Meeting Minutes	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.14 Action Item Log	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.15 Piping Spool Piece Weld Location Drawings	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.2 Welding Procedure Qualification Record	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.3 Welding Qualification Records	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.4 Sensitife Leak Test Procedures	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.5 Hydrostatic/Pneumatic Leak Test Procedure	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.6 Radiography Test Procedure	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.7 NDE Personnel Certifications	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.8 Equipment Factory Test Procedures (Equipment Check-out Test Procedure)	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	

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42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 1.9 Test Equipment Calibration Reports	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 2.10 Dimensional Inspection Reports	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 2.11 Visual Examination Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 2.12 Final Inspection Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 2.9 In-process Material Inspection Reports (Fabrication Travelers)	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.1 Sensitive Leak Test Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.10 In-Process Material Inspection Reports	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.11 Dimensional Inspection Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.12 Visual Examination Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.13 Final Inspection Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.14 Shipping Inspection Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.15 Certificates of Calibration	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.16 Red-line Drawings	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.2 Hydro/Pneumatic Leak Test Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.3 Radiography Test Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.4 Visual Weld Exam Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.5 Final Cleanliness Documentation	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	

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42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.6 Valve Test Check List	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.7 Continuity Test Log	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.8 Receipt Inspections	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 4.9 Certified Material Test Reports or Certificates of Conformance	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.1 Sensitive Leak Test Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.10 In-Process Material Inspection Reports (Fabrication Travelers)	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.11 Dimensional Inspection Reports	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.12 Visual Examination Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.13 Final Inspection Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.14 Shipping Inspection Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.15 Certificates of Calibration	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.16 Red-Line Drawings	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.2 Hydrostatic/Pneumatic Leak Test Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.3 Radiography Test Report	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.4 Visual Weld Exam Reports	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.5 Final Cleanliness Documentation	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.6 Valve Test Check List	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.7 Continuity Test Log	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	

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42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.8 Receipt Inspections	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010	0	Process Water Conditioning Skid PES Final Data Package - 5.9 Certified Material Test Reports or Certificates of Conformance	12/09/99	P1-53.2	VI-50038 Supp. 3. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 1.A Fabrication Plan PES Stainless Steel Piping and Equipment	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 1.B Fabrication Traveler Piping	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 1.C Fabrication Plan PES Electrical	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 1.D Welder/NDE Log Piping	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 1.E Radiograph Reports	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 1.F Cleaning/Inspection Plan	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 1.G NDE Inspection Procedures and Personnel Qualifications	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 1.H Piping/Welding Procedure Specification (WPS)/Procedure Qualification Record (PQR) for Welding Procedure HI-GT-AU-01/Welding Performance Qualification for Welding Procedure HI-GT-AU-01	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 2.A Fabrication Traveler Structural	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 2.B Welder/NDE Log Structural	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 2.C CMTR Traceability Structural	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 2.D Dimensional Inspection Plan - Structural	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 2.E CWI Qualification and Visual Inspection Procedure	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	

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42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 2.F Welding Procedure Specification (WPS), Procedure Qualification Record (PQR), Welder Performance Qualification (WPQ) - HI-GM 02	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-010-0053	0	Process Water Conditioning Skid PES Final Data Package - 2.G PES Lift Lug Analysis - ANAL-9901-DUK-010 Rev. 0	12/15/99	Sub. 0053	VI-50038 Supp. 2. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140	0	Certified Material Test Reports, Certificates of Conformance, and/or Certificates of Calibration	12/15/99	P2-51	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140	0	Certified Material Test Reports, Certificates of Conformance, and/or Certificates of Calibration	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC - CMTR Traceability PWC Piping	02/15/00	P2-032.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC - CMTRs, Letters of Certification, and Certificates of Conformance	02/15/00	P2-032.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.1 Welding Procedure Specifications	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.10 Equipment Factory Test Procedures	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.11 Certified Material Test Reports or Certificates of Conformance	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.12 As-Built Drawings	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.13 Tank Fabrication Drawings	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.14 Piping Spool Piece Weld Location Drawings	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.15 Tank Fabrication Design Calculations	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.16 Meeting Minutes	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.17 Action Item Log	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.2 Welding Procedure Qualification Record	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.3 Welder Qualification Records	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.4 Sensitive Leak Test Procedures	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.5 Hydrostatic/Pneumatic Leak Test Procedure	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.6 Radiography Test Procedure	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	

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42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.7 Equipment Check-out Test Procedure	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.8 NDE Personnel Certifications	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 1.9 Cleaning Procedures	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.1 Sensitive Leak Test Reports	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.10 Dimensional Inspection Reports	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.11 Visual Examination Reports	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.12 Final Inspection Report	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.13 Shipping Inspection Report	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.14 Certificates of Calibration	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.2 Hydrostatic/Pneumatic Test Reports	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.3 Radiography Test Reports	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.4 Visual Weld Examination Reports	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.5 Final Cleanliness Documentation	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.6 Valve Test Check List	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.7 Continuity Test Log	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.8 Receiving Inspection Reports	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Data Package - 2.9 In-Process Material Inspection Reports (Fabrication Travelers)	12/15/99	P2-051	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140		PWC Final Equipment Manual	12/15/99	P2-012	VI-50038 Supp. 4. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140-0052		Process Water Conditioning Skid - Red-Lined Drawings	12/29/99	P2-52	VI-50038 Supp. 8. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140-01	0	Shop Traveler for Each Major Equipment Item - Item 2B: PWC Carbon Steel Assembly Traveler	03/17/00	P2-034.1	VI-50038 Supp. 11. Stored in Document Control Station, MO-500/132.		46	
42	Vendor Information Files	9812-DUK-140A	0	As-Built Drawings, Item 84: Lifting Lug Detail Drawing	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	

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42	Vendor Information Files	9812-DUK-140B	0	As-Built Drawings, Items 85 - 95: Structural Skid Unistrut Supports Drawing	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140B	2	Item 83: As-Built Drawings Header	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	1	As-Built Drawings, Items 96 - 98: Process Water Conditioning Isometric Piping Details Drawing	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 1: 1.11 CMTR Traceability PWC Piping	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 10: Materials Control Record # 990722 plus Certified Material Test Report - B16 & 17	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 11: Materials Control Record # 990691 plus Certified Material Test Report - B19 & 20	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 12: Materials Control Record # 990670 plus Certified Material Test Report - B21 & 22	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 13: Materials Control Record # 990665 plus Certified Material Test Report - B23 & 24	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 14: Materials Control Record # 990613 plus Mill Test Report - B25 & 26	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 15: Materials Control Record # 990607 plus Material Test Report and Certified Material Test Report - B27 - 29	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 16: Materials Control Record # 990603 plus Certified Material Test Report - B30 - 32	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 17: Materials Control Record # 990590 plus Certified Material Test Report - B33 & 34	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 18: Materials Control Record # 990589 plus Certified Material Test Report - B35 & 36	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 19: Materials Control Record # 990588 plus Certified Material Test Report - B37 & 38	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 2: PWC Skid - Material Control Traceability	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 20: Materials Control Record # 990586 plus Certified Material Test Report - B39 & 40	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	

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42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 21: Certified Material Test Report from Ladish Co. - B41	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 22: Materials Control Record # 990584 plus Certified Material Test Report - B42 & 43	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 23: Materials Control Record # 990582 plus Certified Material Test Report - B44 & 45	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 24: Materials Control Record # 990581 plus Certified Material Test Report - B46 - 49	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 25: Materials Control Record # 990580 plus Certified Material Test Report - B50 - 53	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 26: Materials Control Record # 990579 plus Certified Material Test Report - B54 & 55	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 27: Materials Control Record # 990578 plus Certified Material Test Report - B56 & 57	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 28: Materials Control Record # 990577 plus Certified Material Test Report - B58 & 59	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 29: Materials Control Record # 990575 plus Certified Material Test Report - B60 & 61	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 30: Materials Control Record # 970208 plus Certified Material Test Report - B62 - 64	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 31: Materials Control Record # 970199 plus Mill Test Report - B65 - 68	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 32: Materials Control Record # 970198 plus Test Certificate of Product - B69 - 71	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 33: Materials Control Record # 970197 plus Mill Test Reports & Material Test Certifications - B72 - 80	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 34: Materials Control Record # 970196 plus Mill Test Report - B81 & 82	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 35: Materials Control Record # 970193 plus Mill Test Certificate - B83 & 84	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	

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42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 36: Materials Control Record # 970189 plus Mill Test Certificate - B85 & 86	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 37: Materials Control Record # 970188 plus Mill Test Certificate - B87 & 88	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 38: Materials Control Record # 970186 plus Inspection Certificate - B89 & 90	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 39: Materials Control Record # 970185 plus Mill Test Report - B91 & 92	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 40: Materials Control Record # 970180 plus Certified Material Test Report - B93 & 94	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 41: Materials Control Record # 970168 plus Material Test Report - B95 & 96	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 42: Materials Control Record # 970163 plus Mill Certificate - B97 & 98	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 43: Materials Control Record # 970162 plus Inspection Certificate - B99 & 100	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 44: Certificates of Conformance header	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 45: Certificate of Compliance from Bristol Equipment Company	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 46: Letter of Compliance from Lechler, Inc	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 47: Letter of Certification from Strahman Valves, Inc	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 48: Valve Test Report & Certificate of Conformance from Kunkle	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 49: Supplier-Provided Certificate of Conformance from Standard HiLine	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 50: Supplier-Provided Certificate of Conformance From Standard HiLine	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 51: Letter of Certification from Pipeline Seal and Insulator, Inc.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	

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42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 52: Certificate of Compliance from Paramount Supply Co.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 53: Supplier-Provided Certificate of Conformance from Standard HiLine	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 54: Supplier-Provided Certificate of Conformance from Standard HiLine	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 55: Certificate of Compliance from Paramount Supply Co.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 56: Certificate of Conformance from Stoneway Electric Supply	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 57: Certificate of Conformance from Swagelok: Seattle Valve & Fitting Co., Inc.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 58: Certificate of Compliance from Fastenal Company	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 59: Supplier-Provided Certificate of Conformance from Standard HiLine	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 6: Materials Control Record #980843 plus Test Report	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 60: Certificate of Compliance from Schutte & Koerting	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 61: Letter of Certification from the Crosby Group, Inc.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 62: Certificate of Conformance from Dwyer Instruments, Inc.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 63: Certificate of Compliance from Whiteley Co.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 64: Certificate of Conformance from Swagelok: Seattle Valve & Fitting Co. Inc	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 65: Certificate of Conformance from Meacon Corp.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 66: Certificate of Compliance from Nalge Process Technologies Group	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 67: Certificate of Compliance from Nalge Process Technologies Group	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	

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42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 68: Certificate of Compliance from Nalge Process Technologies Group	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 69: Manufacturer's Certification from Fisher Controls	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 7: Materials Control Record #990784 plus Certified Material Test Report B10 & 11	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 71: Certificate of Compliance from Paramount Supply Co.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 72: Certificate of Compliance from Paramount Supply Co.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 73: Certificate of Compliance from Paramount Supply Co.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 74: Supplier-Provided Certificate of Conformance from Standard HiLine	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 75: Flow Control Certification from Griswold Controls	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 76: Certificate of Compliance from Paramount Supply Co.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 77: Certificate of Conformance from Meacon Corp.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 78: Supplier-Provided Certificate of Conformance from Standard HiLine	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 79: Certificate of Conformance from Swagelok: Seattle Valve and Fitting Co.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 8: Materials Control Record #990783 plus Certified Mill Test Report B12 & 13	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 80: Certificate of Conformance from Cole-Parmer Instrument Co.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 81: Certificate of Compliance from California Dynamics Corp.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 82: Certificate of Conformance from Swagelok: Seattle Valve & Fitting Co.	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 9: Materials Control Record #990778 plus Certified Material Test Report B14 & 15	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	

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42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Item 70: Manufacturer's Certification from Fisher Controls	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certification Supplement, Items 3-5: Process Water Conditioning Isometric Piping Details	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140D	0	Certified Material Test Reports, Certificates of Conformance, and/or Certificates of Calibration	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140E	1	As-Built Drawings, Item 100: PWC Conduit Plan Sections & Elevations	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140E	0	As-Built Drawings, Item 99: PWC Isometric Conduit Diagrams	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-140F	0	As-Built Drawings, Items 101 - 109: Tubing Isometric Details	02/15/00	P2-32.2	VI-50038 Supp. 10. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	9812-DUK-168-0032		Process Water Conditioning Skid - HiLine Engineering Inc. Item 1: CMTR's, C of C's, and Calibration Certificates.	12/23/99	P2-032.0	VI-50038 Supp. 6. (No further details given in document.) Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	98-DUK-140-0021	0	Equipment Manual	12/22/99	P2-12	VI-50038 Supp. 5. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	98-DUK-140-0021	0	Equipment Manual, Item 1: Appendix C.3 - Rosemount Control Valves	12/22/99	P2-12	VI-50038 Supp. 5. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	98-DUK-140-0021	0	Equipment Manual, Item 10: Appendix C.5 - Schutte & Koerting Water Jet Pump	12/22/99	P2-12	VI-50038 Supp. 5. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	98-DUK-140-0021	0	Equipment Manual, Item 2: Model 3144 & 3244MV Smart Temperature Transmitters	12/22/99	P2-12	VI-50038 Supp. 5. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	98-DUK-140-0021	0	Equipment Manual, Item 3: Model 1151 Pressure Transmitters	12/22/99	P2-12	VI-50038 Supp. 5. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	98-DUK-140-0021	0	Equipment Manual, Item 4: Appendix C.11 - Dwyer Instruments - Operating Instructions and Parts List	12/22/99	P2-12	VI-50038 Supp. 5. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	98-DUK-140-0021	0	Equipment Manual, Item 5: Installation, Operation & Maintenance Manual - FLT Series FlexSwitch Flow, Level, Temperature Switch/Monitor	12/22/99	P2-12	VI-50038 Supp. 5. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	98-DUK-140-0021	0	Equipment Manual, Item 6: Model 3144 & 3244MV Smart Temperature Transmitter	12/22/99	P2-12	VI-50038 Supp. 5. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	98-DUK-140-0021	0	Equipment Manual, Item 7: Model 8800A Smart Vortex Flowmeter	12/22/99	P2-12	VI-50038 Supp. 5. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	98-DUK-140-0021	0	Equipment Manual, Item 8: Appendix C.4 - Bristol Water Samplers - Instruction Manual - Isolok Sampler	12/22/99	P2-12	VI-50038 Supp. 5. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	98-DUK-140-0021	0	Equipment Manual, Item 9: Appendix C.1 - APV Pumps - HiLine Engineering & Fabrication, Inc. - Process Water Conditioning Skid - Equipment Manual	12/22/99	P2-12	VI-50038 Supp. 5. Stored in Document Control Station, MO-500/132		46	

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42	Vendor Information Files	FP-9812-DUK-140-01	0	Shop Traveler for Each Major Equipment Item - Item 2A: Fabrication Plan, PWC Carbon Steel Skid and Filter Shield	03/17/00	P2-034.1	VI-50038 Supp. 11. Stored in Document Control Station, MO-500/132.		46	
42	Vendor Information Files	IR-9812-DUK-140-P02-01	0	Process Water Conditioning Skid Dimensional Inspection Report - PWC Piping	12/23/99	P2-32.1	VI-50038 Supp. 7. Stored in Document Control Station, MO-500/132		46	
42	Vendor Information Files	IR-9812-DUK-140-P02-01		PWC - Dimensional Inspection Report - PWC Piping	12/23/99	P2-032.1	VI-50038 Supp. 7. Stored in Document Control Station, MO-500/132		46	
43	Comprehensive Equipment List	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	Spare Parts List	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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1	Final Safety Analysis Report	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Safety Equipment List (SEL)	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Operational Safety Documents	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Design Criteria	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	System Design Description	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Test Plan/Specifications	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Construction Acceptance Tests - Procedures and Reports	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	PAT Procedure(s)/Reports	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Environmental Impact Statement	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Environmental Permit	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Solid Waste Disposal Plan/Procedure	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Design Spec/Report	HNF-2058	0	Specification for Cold Vacuum Drying (CVD) Project Monitoring and Control System Computer Software Requirements Specification, R. Whitehurst, EDT-623977, Duke Engineering & Services Hanford, Richland, Washington.	04/20/98		Approved - Released and Controlled in the Hanford Document Control System		93.1	
12	Supporting Calculation	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	Stress / Design Report		draft				Procured by a statement of work attached to purchase requisition 45162			
15	Procurement Specifications						N/A	N/A	N/A	N/A
16	Construction Specification	N/A for this section	N/A	Monitoring and Control System Drawing List and Vicinity Map	N/A	N/A	Not Listed in HDCS			
17	Final Design Drawings	H-1-82096, sh. 4		Monitoring and Control System Block/Cable Diagram			Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82291, sh. 1	5	Monitoring and Control System PLC Remote I/O Enclosure	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82292, sh. 1	4	Monitoring and Control System PLC Remote I/O Enclosure	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82292, sh. 2	4	Monitoring and Control System PLC Remote I/O Enclosure	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82293, sh. 1	3	Monitoring and Control System Room PLC Enclosure	07/03/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82293, sh. 2	5	Monitoring and Control System Room PLC Connection Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82294, sh. 1	3	Monitoring and Control System Bay I/O Connections Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82294, sh. 2	5	Monitoring and Control System Bay I/O Connections Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82294, sh. 3	4	Monitoring and Control System Bay I/O Connections Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	

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17	Final Design Drawings	H-1-82294, sh. 4	6	Monitoring and Control System Bay I/O Connections Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82294, sh. 5	4	Monitoring and Control System Bay I/O Connections Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82294, sh. 6	4	Monitoring and Control System Bay I/O Connections Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82294, sh. 7	5	Monitoring and Control System Bay I/O Connections Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82294, sh. 8	4	Monitoring and Control System Bay I/O Connections Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82294, sh. 9	3	Monitoring and Control System Bay I/O Connections Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82295, sh. 1	2	Monitoring and Control System Mech Rim Remote I/O Enclosure	07/03/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82295, sh. 2	3	Monitoring and Control System Mech Rim Remote I/O Enclosure	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82296, sh. 1	4	Monitoring and Control System Mech Rim Remote I/O Connection Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82296, sh. 2	3	Monitoring and Control System Mech Rim Remote I/O Connection Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82296, sh. 3	2	Monitoring and Control System Mech Rim Remote I/O Connection Diagram	07/03/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82296, sh. 4	2	Monitoring and Control System Mech Rim Remote I/O Connection Diagram	07/03/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82296, sh. 5	7	Monitoring and Control System Mech Rim Remote I/O Connection Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82296, sh. 6	3	Monitoring and Control System Mech Rim Remote I/O Connection Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82300, sh. 1	1	Monitoring and Control System Logic Diagrams	03/27/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82300, sh. 2	1	Monitoring and Control System Logic Diagrams	3.27/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82300, sh. 3	1	Monitoring and Control System Logic Diagrams	03/29/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82300, sh. 4	1	Monitoring and Control System Logic Diagrams	3.27/01		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82300, sh. 5	1	Monitoring and Control System Logic Diagrams	03/29/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82300, sh. 6	1	Monitoring and Control System Logic Diagrams	3.27/02		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.1	

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17	Final Design Drawings	H-1-82300, sh. 7	1	Monitoring and Control System Logic Diagrams	03/30/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82300, sh. 8	1	Monitoring and Control System Logic Diagrams	3.27/03		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82304, sh. 1	6	Monitoring and Control System PWC Remote I/O Connection Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82304, sh. 2	6	Monitoring and Control System PWC Remote I/O Connection Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82304, sh. 3	6	Monitoring and Control System PWC Remote I/O Connection Diagram	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
17	Final Design Drawings	H-1-82306, sh. 1	5	Monitoring and Control System I/O Endosures	05/17/00		Approved - Released and Controlled in the Hanford Document Control System		93.1	
18	Master Equipment List	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	As-Built Drawings	N/A for this section	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Piping and Instrumentation Drawings (P&ID)	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21	Drawing Tree	H-1-83946, sh. 1-3	3	Cold Vacuum Facility Drawing Tree	06/15/00		Approved. D8334433; D8334460; D8334464			
22	Interface Control Documents	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	Software Configuration Management Plan	SNF-6949	0	System Configuration Implementation Procedure for the CVD MCS	09/23/00		Approved			
23	Software Configuration Management Plan	SNF-6959	0	System Configuration Implementation Procedure for the ATC MCS	09/23/00		Approved			
24	System Requirements Specification	HNF-2058	0	MCS System Requirement Specification	04/20/98					
25	Software Design Description	SNF-3090	0	MCS Software Design Description	06/22/99					
26	Software Verification and Validation	SNF-W441-PAT-007-7	0	MCS Software Verification and Validation	03/11/00					
27	Software User Manual	SNF-6957 (CH2M/Hill)	0	MCS Software User Manual	09/23/00		Approved			
28	Training Plan	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Training Manuals	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	Training to Operating Crews	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	Training to Maintenance Crews	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	Operations and Maintenance Manuals - found in VI files	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	Operating Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34	Surveillance Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Calibration Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
36	Preventative Maintenance Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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37	Repair/Maintenance Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
38	Functional Check Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	PM/S System (Preventative Maintenance Data Sheets	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	Inspection Plans	PO-89-2 & 4	0	CH2M Hill Purchase Order -- Monitor Control System			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
41	QA Program Plan	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	Vendor Information Files			As-Built Design Documents			Already issued as H-1 drawings		93.1	
42	Vendor Information Files			Testing Documents			Being tested per PAT		93.1	
43	Comprehensive Equipment List	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	Spare Parts List	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Process Hood

ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
1	Final Safety Analysis Report	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Safety Equipment List (SEL)	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Operational Safety Documents	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Design Criteria	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	System Design Description	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Test Plan/Specifications	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Construction Acceptance Tests - Procedures and Reports	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	PAT Procedure(s)/Reports	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Environmental Impact Statement	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Environmental Permit	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Solid Waste Disposal Plan/Procedure	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Supporting Calculation	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	Stress / Design Report	SNF-4896	1	Seismic Test Specification for the Safety Class CVD Process Hood Components, ECN-661407, C. Van Katwijk, Fluor Hanford, Inc., Richland, Washington.	06/29/00		Approved - Released and Controlled in the Hanford Document Control System			
13	Stress / Design Report	SNF-7054	0	CVD-34: Process Hood Weight. 10/25/1999			Document Pending			
13	Stress / Design Report	SNF-7054	0	MEI-2621-ME-09: Verify Seal Ring Assembly Design for Seismic Conditions. 6/9/97			Document Pending			
13	Stress / Design Report	SNF-7056	0	MER-2288-S-015: Analysis of Piping on Process Hood. 7/23/1998			Document Pending			
13	Stress / Design Report	SNF-7057	0	MER-2288-S-016: Analysis of Lifting Lugs Process Hood. 4/8/1998			Document Pending			
13	Stress / Design Report	SNF-7059	0	3429-S-02: Seismic Evaluation of CVDF Process Hood Support Structure. 1/2 /00			Document Pending			
13	Stress / Design Report	SNF-7059	0	3429-S-03: Evaluation of Piping on Process Hood. 1/28/2000			Document Pending			
13	Stress / Design Report	SNF-7059	0	3429-S-04: Seismic Analysis of the Single Valve Operator Weldment. 1/21/2000			Document Pending			
14	Design Spec/Report	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Procurement Specifications	SNF-5303	0	Fabrication, Acceptance Testing, and Shipment of the Cold Vacuum Drying Facility Process Hood, Seal Ring, and Piping Assemblies (W-441-P4)	11/19/99		Approved - Released and Controlled in the Hanford Document Control System			
16	Construction Specification	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	Final Design Drawings	H-1-82096, sh. 2	3	Process Hood Drawing List and Vicinity Map	11/10/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82303, sh. 1	4	Process Hood Panel Layout	02/08/00		Approved - Released and Controlled in the Hanford Document Control System			

Process Hood

ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-82303, sh. 2	3	Process Hood I/O Connection Diagram	11/10/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82303, sh. 3	3	Process Hood I/O Connection Diagram	11/10/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82303, sh. 4	3	Process Hood I/O Connection Diagram	11/10/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82303, sh. 5	0	Process Hood I/O Connection Diagram	02/08/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 1	4	Process Hood and Piping Parts/Material List	06/12/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 10	3	Process Hood and Piping Process Hood Weldment and Details	11/10/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 11	4	Process Hood and Piping Support Weldment	06/12/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 12	3	Process Hood and Piping Support Details and Sections	06/12/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 13	3	Process Hood and Piping Weldment and Parts	06/12/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 2	5	Process Hood and Piping Parts/Material List	09/08/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 3	5	Process Hood and Piping Assembly	06/12/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 4	5	Process Hood and Piping Views	06/12/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 5	4	Process Hood and Piping Views, Sections, and Details	06/12/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 6	4	Process Hood and Piping Sections and Details	06/12/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 7	5	Process Hood and Piping Details	06/12/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 8	3	Process Hood and Piping Process Hood Weldment	11/10/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82364, sh. 9	3	Process Hood and Piping Process Hood Weldment	11/10/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82366, sh. 1	4	Single Valve Operator Assembly	06/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82366, sh. 2	4	Single Valve Operator Details	06/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82366, sh. 3	4	Single Valve Operator Weldment	06/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82366, sh. 4	2	Single Valve Operator Details	06/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82368, sh. 1	4	Double Valve Operator Assembly	06/27/00		Approved - Released and Controlled in the Hanford Document Control System			

Process Hood

ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-82368, sh. 2	4	Double Valve Operator Details	06/28/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82368, sh. 3	4	Double Valve Operator Details	06/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82368, sh. 4	2	Double Valve Operator Details	06/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-82368, sh. 5	0	Double Valve Operator Details	06/27/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83275, sh. 1	1	Seal Ring Assembly	09/08/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83275, sh. 2	3	Seal Ring Assembly	09/08/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83275, sh. 3	1	Seal Ring Assembly	09/08/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-83276, sh. 1	0	Seal Ring Assembly and Inflatable Seals	09/23/99		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84010, sh. 1	4	CVDF TW System Lower Port Connection Assembly	09/08/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84010, sh. 2	3	CVDF TW System Lower Port Connection Assembly	05/30/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84010, sh. 3	2	CVDF TW System Lower Port Connection Assembly	05/30/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84010, sh. 4	3	CVDF TW System Lower Port Connection Assembly	05/30/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84010, sh. 5	3	CVDF TW System Lower Port Connection Assembly	05/30/00		Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84010, sh. 6	3	CVDF TW System Lower Port Connection Assembly	05/30/00		Approved - Released and Controlled in the Hanford Document Control System			
18	Master Equipment List	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	As-Built Drawings	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Piping and Instrumentation Drawings (P&ID)	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21	Drawing Tree	H-1-83946, sh 1-3	3	Cold Vacuum Facility Drawing Tree	06/15/00		Approved. D8334433; D8334460; D8334464			
22	Interface Control Documents	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	Software Configuration Management Plan	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24	System Requirements Specification	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	Software Design Description	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	Software Verification and Validation	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	Software User Manual	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	Training Plan	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Training Manuals	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
30	Training to Operating Crews	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	Training to Maintenance Crews	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	Operations and Maintenance Manuals - found in V1 files	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	Operating Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34	Surveillance Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Calibration Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35A	Commercial Grade Item Upgrades	CGI-SNF-D-07-P4-001		1" solenoid – activated gas operated ball valves	9/3/00	SNF-3876, Rev. 3	VPS-GOV/SOV-1*05, 1*09. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-07-P4-008		Pressure indicator	9/3/00	SNF-3883, Rev. 4	VPS-PI-1*40, PI-1*41. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-07-P4-009		Gauge/root valves	9/3/00	SNF-3884, Rev. 3	VPS-V-*059, *061 (System 07). To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-07-P4-010		Pressure transmitter	7/14/00	SNF-3886, Rev. 2	VPS-PT-1*08, PT-1*10. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-07-P4-011		Pressure transmitter	5/6/99	SNF-3887, Rev. 1	VPS-PT-1*36, PT-1*37 (QUALIFIED), He-PT-1*34 (System 13) (QUALIFIED), He-PT-1*34 (System 13) (QUALIFIED), (Electronic output signal is GS). To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-07-P4-016		MCO inlet/outlet valves	5/6/99	SNF-3891, Rev. 1	VPS-V-*010, VPS-V-*019 (FABRICATED). To be completed Post-ORR.		94	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-07-P4-040		½" check valve	9/3/00	SNF-3933, Rev. 2	VPS-CKV-*112. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-07-P4-042		1" solenoid – activated gas operated ball valves	6/6/00	SNF-3934, Rev. 2	VPS-GOV/SOV-1*11, 1*17. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-07-P4-044		1" pressure safety element for MCO -	9/9/00	SNF-3936, Rev. 4	VPS-PSE-1*33. To be completed Post-ORR.		94	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-07-P4-046		Internal Parts for manufactured Valves VPS-V-*010 and *019 (Ref CGI 16)	9/6/00	SNF-4625, Rev. 2	Ball Plunger - VARIOUS. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-07-P4-073		Worcester Repair Kits & replacement balls for ball valves		SNF-6916, Rev. 1	Completed.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P4-002		1" solenoid – activated gas operated ball valves	9/3/00	SNF-3877, Rev. 3	He-GOV/SOV-1*02, 1*06, SCHe-GOV/SOV-5*12, 5*31, 5*51, 5*71. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P4-004		Helium purge flow valve	9/11/00	SNF-3879, Rev. 5	He-FV-1*20, FY-1*20A (Electronic signal is GS). To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P4-012 (Commercial)		Flow indicator/ transmitter	7/1/99	SNF-3888, Rev. 2	He-FE/FIT-1*20, 1*21 (SEISMIC CONDITION 3/1). To be completed Post-ORR.			

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P4-013 **NOT TO BE USED**		Pressure indicator/ transmitter	4/2/99	SNF-3889, Rev. 0	He-PT-1*34 (Electronic output signal is GS) This transmitter is QUALIFIED and the CGI has been combined with CGI-011, also a QUALIFIED transmitter. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P4-019		MCO pressure transmitter	7/14/00	SNF-3892, Rev. 2	He-PT-1*35 (Electronic output signal is GS). To be completed Post-ORR.	94		
35A	Commercial Grade Item Upgrades	CGI-SNF-D-30-2-P4-048		Parts for the Process Hood	3/30/00	SNF-4626, Rev. 2	VARIOUS: To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-46-1-P4-015		1" solenoid – activated gas operated ball valves	6/6/00	SNF-3890, Rev. 2	PWC-GOV/SOV-1*03, 1*30. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-47-P4-003		Flow control valve	9/3/00	SNF-3878, Rev. 2	TW-FCV-1*22, FCV-1*23. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-47-P4-005		Temperature switches	9/3/00	SNF-3880, Rev. 2	TW-TSH 1*28, TSH 1*29; Needed prior to ORR			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-47-P4-007		Level gage and switch		SNF-3882, Rev. 4	TW-LG/ LSL-1*24, 1*25 Needed prior to ORR			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-47-P4-043		1" ball valve	6/21/00	SNF-3935, Rev. 3	TW-V-*021, *133 (added *133 & *027 was moved to CGI 062) Needed prior to ORR			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-47-P4-059		Quick Disconnect for the Tempered Water to MCO Transfer Cask	9/3/00	SNF-5964, Rev. 1	TW-QD-*132. To be completed Post-ORR.		94/47.1	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-47-P4-060 EDT 628548 (in blue folder)		Flex connectors & assoc. clamps (on upper)	Never Done	SNF-5969, Rev. 0	NEVER DONE - COVERED IN P4-048			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-47-P4-061		Seal Ring Parts Lower Port Connection Assembly	9/6/00	SNF-5970, Rev. 3	O-rings, springs, clamp, bracket, gaskets, valve, RTD & Tet. Rings. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-47-P4-062		Ball Valves	8/31/00	SNF-5968, Rev. 1	TW-V-*027, TW-V-*134 (CANCELLED - COVERED IN P4-061 (SNF-5970). To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-93-2-P4-006		Temperature switches	9/3/00	SNF-3881, Rev. 3	SCIC-TSH 1*38, TSHH 1*38, TSH 1*39, TSHH 1*39. To be completed Post-ORR.			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-NA-P4/P5-033		Structural Members, Fittings and Fastners	9/3/00	SNF-4419, Rev. 2	Not Applicable			
35A	Commercial Grade Item Upgrades	CGI-SNF-D-VARIOUS-P4-039		2 Micron Inline Instrument Air Filter	9/3/00	SNF-4418, Rev. 2	SYS. 07, VPS-F-1*05, *09, *11, *17 SYS. 13-1, HE-F-1*02, *06 SYS. 13-2, SCHe-F-5*12, *31, *51, *71 SYS. 46-1, PWC-F-1*03, *30. To be completed Post-ORR.			
36	Preventative Maintenance Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
37	Repair/Maintenance Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
38	Functional Check Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	PM/S System (Preventative Maintenance Data Sheets	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	Inspection Plans	PO-2697	0	Olympic Tool & Engineering Purchase Order -- Bay #3 Hood Skid			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720	N/A	N/A	N/A
40	Inspection Plans	PO-2697	0	Olympic Tool & Engineering Purchase Order -- Bay #3 Lower Port Connector Assembly			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2697	0	Olympic Tool & Engineering Purchase Order -- Bay #3 Seal Ring Assembly			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2697	0	Olympic Tool & Engineering Purchase Order -- Bay #4 Hood Skid			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2697	0	Olympic Tool & Engineering Purchase Order -- Bay #4 Lower Port Connector Assembly			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2697	0	Olympic Tool & Engineering Purchase Order -- Bay #4 Seal Ring Assembly			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2697	0	Olympic Tool & Engineering Purchase Order -- Bay #5 Hood Skid			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2697	0	Olympic Tool & Engineering Purchase Order -- Bay #5 Lower Port Connector Assembly			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2697	0	Olympic Tool & Engineering Purchase Order -- Bay #5 Seal Ring Assembly			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
41	QA Program Plan	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	Vendor Information Files	None assigned		Process Hood - Final Data Package		P4-46	Awaiting Submittal			

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ABU Cate- gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
42	Vendor Information Files	None assigned		Process Hood - Recommended Field Recalibration Procedure		P4-48	Shown as received on MSL, not entered in CVI yet.			
42	Vendor Information Files	None assigned		Process Hood - Red-Lined Drawings		P4-47	Awaiting Submittal			
43	Comprehensive Equipment List	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	Spare Parts List	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Safety Class Helium

ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
1	Final Safety Analysis Report	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Safety Equipment List (SEL)	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Operational Safety Documents	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Design Criteria	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	System Design Description	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Test Plan/Specifications	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Construction Acceptance Tests - Procedures and Reports	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	PAT Procedure(s)/Reports	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Environmental Impact Statement	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Environmental Permit	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Solid Waste Disposal Plan/Procedure	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Supporting Calculation	SNF-7049		CVD-21: SCHe Losses Due to Isolation Valve Leakage. 2/15/1998			Document Pending		13.2	
12	Supporting Calculation	SNF-7049		CVD-29: Maximum Flow Rate Through (SCHe-)PCV-5*04. 10/26/1998			Document Pending		13.2	
12	Supporting Calculation	SNF-7049		CVD-29A: Pressure Drop from (SCHe-)PCV-5*04 to PCV-5*08 at Pin = 25 psig. 10/26/1998			Document Pending		13.2	
12	Supporting Calculation	SNF-7049		CVD-29B: Maximum Pressure in SCHe Supply Line After Rupture of PSE-5*05. 10/26/1998			Document Pending		13.2	
12	Supporting Calculation	SNF-7049		CVD-29C: Area Required for Flow Rate of Helium through PSE-5*05. 10/26/1998			Document Pending		13.2	
12	Supporting Calculation	SNF-7049		CVD-33: Time Delay for SCHe Pressurization of MCO. 6/16/1999			Document Pending		13.2	
13	Stress / Design Report	SNF-7058		Seismic Analysis of Safety Class Helium System and MCO Valves Support Weldment: Addendum for ECN 657892, Addition of Safety Cover Plate. 6/5/2000			Document Pending		13.2	
13	Stress / Design Report	SNF-4895	1	Seismic Test Specifications for SCHe System Panel and PC-3 Components, ECN-661459, C. Van Katwijk, Fluor Hanford, Inc., Richland, Washington.	07/18/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	

Safety Class Helium

ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
13	Stress / Design Report	SNF-7058		MER-2288-S-05A: SCHe and MCO Valves. 11/1/1999			Document Pending		13.2	
14	Design Spec/Report	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Procurement Specifications	SNF-5304	0	Fabrication, Acceptance Testing, and Shipment of the Cold Vacuum Drying Facility Safety Class Helium Equipment (W-441-P5)	12/01/99		Approved - Released and Controlled in the Hanford Document Control System		13.2	
16	Construction Specification	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	Final Design Drawings	H-1-82096, sh. 1	3	CVDF Safety Class Helium System Drawings List and Vicinity Map	09/17/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	
17	Final Design Drawings	H-1-82367, sh. 1	4	CVDF Safety Class Helium System Part/Materials List	08/21/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	
17	Final Design Drawings	H-1-82367, sh. 2	4	CVDF Safety Class Helium System Assembly	08/26/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	
17	Final Design Drawings	H-1-82367, sh. 3	4	CVDF Safety Class Helium System Details and View	09/17/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	
17	Final Design Drawings	H-1-82367, sh. 4	4	CVDF Safety Class Helium System Panel and Bracket Detail	09/17/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	
17	Final Design Drawings	H-1-82367, sh. 5	3	CVDF Safety Class Helium System Panel Details	09/17/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	
17	Final Design Drawings	H-1-82367, sh. 6	3	CVDF Safety Class Helium System Support Bracket Details	09/17/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	
17	Final Design Drawings	H-1-82367, sh. 7	1	CVDF Safety Class Helium System Support Weldment	11/10/99		Approved - Released and Controlled in the Hanford Document Control System		13.2	
17	Final Design Drawings	H-1-82367, sh. 8	1	CVDF Safety Class Helium System Protective Plate	09/17/00		Approved - Released and Controlled in the Hanford Document Control System		13.2	
18	Master Equipment List	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	As-Built Drawings	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Piping and Instrumentation Drawings (P&ID)	H-1-82160, sh. 1	3	CVDF P&ID Legend	11/10/99		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		13.2	
20	Piping and Instrumentation Drawings (P&ID)	H-1-82165, sh. 1	4	CVDF Safety Class Helium System P&ID	08/26/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		13.2	
21	Drawing Tree	H-1-83946, sh 1-3	3	Cold Vacuum Drying Facility Drawing Tree	06/15/00		Approved. D8334433; D8334460; D8334464		.	
22	Interface Control Documents	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	Software Configuration Management Plan	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24	System Requirements Specification	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
25	Software Design Description	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	Software Verification and Validation	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	Software User Manual	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	Training Plan	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Training Manuals	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	Training to Operating Crews	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	Training to Maintenance Crews	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	Operations and Maintenance Manuals - found in VI files	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	Operating Procedures	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34	Surveillance Procedures	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Calibration Procedures	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-2-P5-049		Flex Hose connectors to SCHe Helium Bottles SCHe-TK-5*01, 5*02, 5*03, 5*04	9/3/00	SNF-4627, Rev. 3	Item 55 on Drawing H-1-82367. To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-2-P5-050 ECN-660497		SCHe Helium Supply Bottles and Associated Isolation Valves	9/6/00	SNF-4887, Rev. 2	SCHe-TK-5*01, 5*02, 5*03, 5*04SCHe-V- *114, *115, *116, *117. To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-2-P5-051		Helium Gas for SCHe Bottles	7/30/99	SNF-4886, Rev. 0	N/A		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-2-P5-053		Seismic Restraint Cable for SCHe Bottles Strap	9/3/00	SNF-4880, Rev. 1	Item 72 on Dwg. H-1-82367, DCN W-441-HE 446. To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-020 OTE-2118		Check valves	9/3/00	SNF-3893, Rev. 2	SCHe-CHK-*090, *091, *092, *093, *118, *119, *120, *121, *122, *123, *124, *125. To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-021 OTE-2114-?		Pressure control valves	5/1/00	SNF-3894, Rev. 2	SCHe-PCV-5*08, 5*27 (14 psig), 5*47, 5*67(2 psig), 5*80, 5*82 (15 psig), 5*84, 5*86(3 psig). To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-022 OTE-2115		Pressure control valves	9/3/00	SNF-3895, Rev. 3	SCHe-PCV-5*54, 5*55, 5*74, 5*75 (10 psig). To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-023 OTE-2112		Pressure safety elements (12 psig)	9/3/00	SNF-3920, Rev. 3	SCHe-PSE-5*05, 5*24, 5*44, 5*64. To be completed Post-ORR.		13.2	

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35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-024 OTE-2131		Gauge/root valves		SNF-3921, Rev. 7	SCHe-V-*064, *065, *082, *084; (3000 psig)SCHe-V-*069, *070, *083, *085, *088, *089, *077, *078 (150 psig). To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-025 OTE-2119		Flow indicator	9/3/00	SNF-3922, Rev. 2	PV-FI/FSH-5*52, 5*72 (Switch/alarm is GS). To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-026		Rosemount pressure transmitter/indicator	5/6/99	SNF-3923, Rev. 1	SCHe-PT-5*01, 5*20, 5*40, 5*60 (QUALIFIED) (Electronic output signal is GS). To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-027 OTE-2116		Reotemp pressure indicator	9/3/00	SNF-3924, Rev. 2	SCHe-PI-5*07, 5*26, 5*46, 5*66. To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-028		Reotemp pressure indicator	9/3/00	SNF-3925, Rev. 2	SCHe-PI-5*09, 5*28, 5*48, 5*68. To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-029 Rolled into SNF-3929.		Reotemp pressure indicator	Cancel	SNF-3926, Rev. 2-3	SCHe-PI-5*02, 5*21, 5*41, 5*61. To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-030		Ashcroft pressure switch	9/3/00	SNF-3927, Rev. 4	SCHe-PSL-5*03, 5*22, 5*42, 5*62(Electronic output signal is GS). To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-031 ECN-661400		Ashcroft pressure switch	9/3/00	SNF-3928, Rev. 3	SCHe-PSL-5*06, 5*25, 5*45, 5*65(Electronic output signal is GS) . To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-032		Concoa SCHe pressure regulator		SNF-3929, Rev. 7	SCHe-PCV-5*04, 5*23, 5*43, 5*63. To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-034 ECN-661457		Flow indicator and alarm	7/14/00	SNF-3930, Rev. 2	SCHe-FI -5*10, 5*29, 5*49, 5*69 SCHe-FI/FSH-5*76, 5*77, 5*78, 5*79(Switch/alarm electronic signal output is GS). To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-13-P5-035		¼ inch Ball valve		SNF-3931, Rev. 4	SCHe-V-*102, *103, *104, *105. To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-30-P5-036		¼ inch Ball valve		SNF-3932, Rev. 5	PV-V-*079, *080. To be completed Post-ORR.		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-NA-P4/P5-033		Structural Members, Fittings and Fastners	7/6/99	SNF-4419, Rev. 1	NOT APPLICABLE		13.2	
35A	Commercial Grade Item Upgrades	CGI-SNF-D-NA-P5-081		Structural Steel and Hardware	9/13/00	SNF-7015, Rev. 0	To be completed Post-ORR.		13.2	
36	Preventative Maintenance Procedures	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
37	Repair/Maintenance Procedures	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
38	Functional Check Procedures	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
39	PM/S System (Preventative Maintenance Data Sheets	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	Inspection Plans	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
41	QA Program Plan	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	Vendor Information Files	none assigned		Safety Class Helium - Final Data Package		P5-043	Not approved - Resubmittal not yet received		13.2	
42	Vendor Information Files	none assigned		Safety Class Helium - Recommended Field Recalibration Procedure		P5-035	No record of receipt on MSL		13.2	
42	Vendor Information Files	none assigned		Safety Class Helium - Red-Lined Drawings		P5-044	No record of receipt on MSL		13.2	
42	Vendor Information Files	none assigned		Safety Class Helium - Special Tools List for Field Recalibration		P5-036	No record of receipt on MSL		13.2	
43	Comprehensive Equipment List	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	Spare Parts List	N/A for this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
1	Final Safety Analysis Report	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Safety Equipment List (SEL)	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Operational Safety Documents	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Design Criteria	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	System Design Description	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Test Plan/Specifications	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	Construction Acceptance Tests - Procedures and Reports	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	PAT Procedure(s)/Reports	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Environmental Impact Statement	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Environmental Permit	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Solid Waste Disposal Plan/Procedure	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Supporting Calculation	SNF-4451	2	Cold Vacuum Drying Set Point Determination	06/14/99		Approved - Released and Controlled in the Hanford Document Control System		93.2	
12	Supporting Calculation	SNF-7061	0	IC-CVDF-97-001 SCI&C: CV-PT-1 Setpoint Calculation-Superseded by SNF-4451. 3/6/1998			Document Pending		93.2	
12	Supporting Calculation	SNF-7061	0	IC-CVDF-97-002 SCI&C: PT-1'08, '10 Setpoint Calculation-Superseded by SNF-4451. 3/6/1998			Document Pending		93.2	
12	Supporting Calculation	SNF-7061	0	IC-CVDF-97-003 SCI&C: FIT-1'20, '21 Setpoint Calculation-Superseded by SNF-4451. 3/6/1998			Document Pending		93.2	
12	Supporting Calculation	SNF-7061	0	IC-CVDF-97-004 SCI&C: TSH-1'28, '29, '38, '39, TSSH-1'28, '29, '38, '39-Superseded by SNF-4451. 7/7/1998			Document Pending		93.2	
12	Supporting Calculation	SNF-7061	0	IC-CVDF-97-005 SCI&C: CVDF SCIC Heat Load. 10/15/1998			Document Pending		93.2	
13	Stress / Design Report	SNF-7058	0	MER-2288-S-06: PLC Remote I/O Enclosure. 11/1/1997			Document Pending		93.2	
14	Design Spec/Report	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Procurement Specifications	HNF-3229	2A	Safety Class Instrumentation and Control System Performance Specification	04/12/99		Approved - Released and Controlled in the Hanford Document Control System		93.2	
16	Construction Specification	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	Final Design Drawings	H-1-82036, sh. 5		SCIC Drawing List and Vicinity Map			Not in HDCS			
17	Final Design Drawings	H-1-82305, sh. 1	0	CVDF Seismic Sensor (ATR-5235 ATR-5336 ATR-5437) GSR-12 Wiring Diagram	08/25/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-82305, sh. 2	0	CVDF Seismic Auctioneering Panel (CP-120 CP-121)	08/25/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	

Safety Class Instrumentation and Controls

ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-84165, sh. 1	0	SCIC Instrument Cab Door Labeling CP-410, 411, 510, & 511			Not Developed.			
17	Final Design Drawings	H-1-84168 sh. 1	0	SCIC Annunciator Cab Door Labeling CP-607 & CP-608			Not Developed.			
17	Final Design Drawings	H-1-84169, sh. 1	0	CP-122 Seismic Buffer Relay Assembly and Wiring	08/25/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84170, sh. 1	0	CP-122 Seismic Buffer Encl. Terminal Boards Layout & Routing	08/25/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84171, sh. 1	0	ELEMENTARY DIAGRAM CABINET NO. CP- 122 SEIS BUFFER	08/25/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84172, sh. 1	0	CP-123 SEISMIC BUFFER ENCL. TERMINAL BOARDS LAYOUT & ROUTING	08/25/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84173, sh. 1	0	CP-123 SEISMIC BUFFER RELAY ASSEMBLY AND WIRING	08/25/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84174, sh. 1	0	ELEMENTARY DIAGRAM CABINET NO. CP-123 SEIS BUFFER	08/25/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84175, sh. 1	0	CP-122, CP-123 SEISMIC BUFFER POWER SUPPLY WIRING	08/25/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84180, sh. 1	0	CVDF CP-410 Elementary Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84180, sh. 2	0	CVDF CP-410 Elementary Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84180, sh. 3	0	CVDF CP-410 Elementary Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84180, sh. 4	0	CVDF CP-410 Elementary Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84180, sh. 5	0	CVDF CP-410 Elementary Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84180, sh. 6	0	CVDF CP-410 Elementary Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	

Safety Class Instrumentation and Controls

ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-84180, sh. 7	0	CVDF CP-410 Elementary Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84180, sh. 8	0	CVDF CP-410 Elementary Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84180, sh. 9	0	CVDF CP-410 Elementary Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84181, sh. 1	0	XMTRS PT 1408 & FIT 1420 I/O Loop and Connection Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84182, sh. 1	0	XMTRS PT 1508 & FIT 1520 I/O Loop and Connection Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84183, sh. 1	0	XMTRS PT 1436 & FIT 1536 and Mode SW I/O Loop and Connection Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System			
17	Final Design Drawings	H-1-84184, sh. 1	0	CP-410 Power Distribution and Connection Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84186, sh. 1	0	CP-410 Door Wiring and Layout Inside View	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84187, sh. 1	0	CP-410 Terminal Board #1 Layout and Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84187, sh. 2	0	CP-410 Terminal Board #2 Layout and Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84187, sh. 3	0	CP-410 Terminal Board #3 Layout and Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84187, sh. 4	0	CP-410 Terminal Board #4 Layout and Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84187, sh. 5	0	CP-410 Terminal Board #5 Layout and Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84187, sh. 6	0	CP-410 Terminal Board #6 Layout and Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84187, sh. 7	0	CP-410 Terminal Board #7 Layout and Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	

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17	Final Design Drawings	H-1-84188, sh. 1	0	CP-410 AVIM Backplane Wiring Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84188, sh. 2	0	CP-410 SBIM/Resistor Backplane Wiring Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84188, sh. 3	0	CP-410 STAR Backplane Wiring Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84189, sh. 1	0	CP-410 Power Supply Backplane Wiring Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84190, sh. 1	0	CVDF CP-411 Elementary Diagram 120 VAC AC MCS Buffers	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84190, sh. 2	0	CVDF CP-411 Elementary Diagram 24V DC Buffers	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84190, sh. 3	0	CVDF CP-411 Elementary Diagram 24V DC Inputs	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84190, sh. 4	0	CVDF CP-411 Elementary Diagram System Timing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84190, sh. 5	0	CVDF CP-411 Elementary Diagram System Timing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84190, sh. 6	0	CVDF CP-411 Elementary Diagram Trip Circuits	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84190, sh. 7	0	CVDF CP-411 Elementary Diagram Annunciator Circuits	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84191, sh. 1	0	CVDF CP-411 Power Distribution & Connection Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84192, sh. 1	0	CVDF CP-411 Relay Rack #3 Layout and Routing Row # 1	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84192, sh. 10	0	CVDF CP-411 Relay Rack #4 Layout and Routing Row # 10	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84192, sh. 2	0	CVDF CP-411 Relay Rack #1 Layout and Routing Row # 2	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	

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17	Final Design Drawings	H-1-84192, sh. 3	0	CVDF CP-411 Relay Rack #2 Layout and Routing Row # 3	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84192, sh. 4	0	CVDF CP-411 Relay Rack #2 Delay On/Off Layout and Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84192, sh. 5	0	CVDF CP-411 Relay Rack #3 Layout and Routing Row # 5	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84192, sh. 6	0	CVDF CP-411 Relay Rack #3 Layout and Routing Row # 6	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84192, sh. 7	0	CVDF CP-411 Relay Rack #3 Layout and Routing Row # 7	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84192, sh. 8	0	CVDF CP-411 Relay Rack #4 Layout and Routing Row # 8	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84192, sh. 9	0	CVDF CP-411 Relay Rack #4 Layout and Routing Row # 9	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84193, sh. 1	0	CVDF CP-411 Door Wiring & Layout Inside View	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84194, sh. 1	0	CVDF CP-411 Terminal Board #1 Layout & Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84194, sh. 2	0	CVDF CP-411 Terminal Board #2 Layout & Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84194, sh. 3	0	CVDF CP-411 Terminal Board #3 Layout & Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84194, sh. 4	0	CVDF CP-411 Terminal Board #4 Layout & Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84194, sh. 5	0	CVDF CP-411 Terminal Board #5 Layout & Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84194, sh. 6	0	CVDF CP-411 Terminal Board #6 Layout & Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84195, sh. 1	0	CVDF CP-411 Power Supply Backplane Wiring Diagram	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	

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17	Final Design Drawings	H-1-84196, sh. 1	0	CP-607 & CP-608 Fan Terminal Board Layout and Wiring	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84197, sh. 1	0	CVDF CP-607/608 120V AC Power Distribution	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84198, sh. 1	0	CP-607 Door Wiring Inside View	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84199, sh. 1	0	CP-607 Terminal Board #1 Layout & Routing	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84199, sh. 2	0	CP-607 Terminal Board #2 Layout & Routing	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84200, sh. 1	0	CP-607 Ronan Annunciator Wiring	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84201, sh. 1	0	CP-608 Door Wiring & Layout Inside View	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84202, sh. 1	0	CP-608 Terminal Board #1 Layout & Routing	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84202, sh. 2	0	CP-608 Terminal Board #2 Layout & Routing	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84203, sh. 1	0	CP-608 Ronan Annunciator Wiring	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84204, sh. 1	0	CVDF CP-510 Elementary Diagram 120 VAC MCS Buffers	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84204, sh. 2	0	CVDF CP-510 Elementary Diagram 24 VDC Buffers	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84204, sh. 3	0	CVDF CP-510 Elementary Diagram 24 VDC Inputs	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84204, sh. 4	0	CVDF CP-510 Elementary Diagram System Timing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84204, sh. 5	0	CVDF CP-510 Elementary Diagram System Timing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-84204, sh. 6	0	CVDF CP-510 Elementary Diagram Trip Circuits	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84204, sh. 7	0	CVDF CP-510 Elementary Diagram Annunciator Circuits	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84205, sh. 1	0	CP-510 Power Distribution & Connection Diagram	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84206, sh. 1	0	CP-510 Relay Rack #1 Layout & Routing Row #1	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84206, sh. 10	0	CP-510 Relay Rack #4 Layout & Routing Row #10	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84206, sh. 2	0	CP-510 Relay Rack #1 Layout & Routing Row #2	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84206, sh. 3	0	CP-510 Relay Rack #1 Layout & Routing Row #3	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84206, sh. 4	0	CP-510 Relay Rack #2 Time Delay On/Off Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84206, sh. 5	0	CP-510 Relay Rack #3 Layout & Routing Row #5	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84206, sh. 6	0	CP-510 Relay Rack #3 Layout & Routing Row #6	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84206, sh. 7	0	CP-510 Relay Rack #3 Layout & Routing Row #7	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84206, sh. 8	0	CP-510 Relay Rack #4 Layout & Routing Row #8	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84206, sh. 9	0	CP-510 Relay Rack #4 Layout & Routing Row #9	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84208, sh. 1	0	CP-510 Terminal Board #1 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84208, sh. 2	0	CP-510 Terminal Board #2 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	

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17	Final Design Drawings	H-1-84208, sh. 3	0	CP-510 Terminal Board #3 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84208, sh. 4	0	CP-510 Terminal Board #4 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84208, sh. 5	0	CP-510 Terminal Board #5 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84208, sh. 6	0	CP-510 Terminal Board #6 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84209, sh. 1	0	CP-510 Power Supply Backplane Wiring	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84210, sh. 1	0	CVDF CP-511 Elementary Diagram 120 VAC MCS Buffers	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84210, sh. 2	0	CVDF CP-511 Elementary Diagram 24 VDC Buffers	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84210, sh. 3	0	CVDF CP-511 Elementary Diagram 24 VDC Inputs	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84210, sh. 4	0	CVDF CP-511 Elementary Diagrams STAR Digital Inputs	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84210, sh. 5	0	CVDF CP-511 Elementary Diagrams STAR Digital Outputs	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84210, sh. 6	0	CVDF CP-511 Elementary Diagram System Timing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84210, sh. 7	0	CVDF CP-511 Elementary Diagram System Timing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84210, sh. 8	0	CVDF CP-511 Elementary Diagram Trip Circuits	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84210, sh. 9	0	CVDF CP-511 Elementary Diagram Annunciator Circuits	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84211, sh. 1	0	XMTRS PT 1410 & FIT 1437 I/O Loop & Connection Diagram	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	

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17	Final Design Drawings	H-1-84212, sh. 1	0	XMTRS PT 1510 & FIT 1521 I/O Loop & Connection Diagram	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84213, sh. 1	0	XMTRS PT 1537, PT 1437 & Mode SW Loop & Connection Diagram	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84214, sh. 1	0	CP-511 Power Distribution & Connection Diagram	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84215, sh. 1	0	CP-511 Relay Rack #1 Layout & Routing Row #1	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84215, sh. 10	0	CP-511 Relay Rack #3 Layout & Routing Row #10	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84215, sh. 2	0	CP-511 Relay Rack #1 Layout & Routing Row #2	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84215, sh. 3	0	CP-511 Relay Rack #1 Layout & Routing Row #3	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84215, sh. 4	0	CP-511 Relay Rack #2 Time Delay On/Off Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84215, sh. 5	0	CP-511 Relay Rack #3 Layout & Routing Row #5	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84215, sh. 6	0	CP-511 Relay Rack #3 Layout & Routing Row #6	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84215, sh. 7	0	CP-511 Relay Rack #3 Layout & Routing Row #7	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84215, sh. 8	0	CP-511 Relay Rack #3 Layout & Routing Row #8	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84215, sh. 9	0	CP-511 Relay Rack #3 Layout & Routing Row #9	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84216, sh. 1	0	CP-511 Door Wiring & Layout Inside View	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84217, sh. 1	0	CP-511 Terminal Board #1 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	

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17	Final Design Drawings	H-1-84217, sh. 2	0	CP-511 Terminal Board #2 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84217, sh. 3	0	CP-511 Terminal Board #3 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84217, sh. 4	0	CP-511 Terminal Board #4 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84217, sh. 5	0	CP-511 Terminal Board #5 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84217, sh. 6	0	CP-511 Terminal Board #6 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84217, sh. 7	0	CP-511 Terminal Board #7 Layout & Routing	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84218, sh. 1	0	CP-511 AVIM Backplane Wiring Diagram	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84218, sh. 2	0	CP-511 SBIM/Resistor Backplane Wiring Diagram	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84218, sh. 3	0	CP-511 STAR Backplane Wiring Diagram	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84219, sh. 1	0	CP-511 Power Supply Backplane Wiring Diagram	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84242, sh. 1	0	XMTRS PT 1210 & FIT 1221 I/O Loop & Connection Diagram	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84243, sh. 1	0	XMTRS PT 1310 & FIT 1321 I/O Loop & Connection Diagram	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84244, sh. 1	0	XMTRS PT 1337, PT 1237 & Mode SW I/O Loop & Connection Diagram	05/15/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84367, sh. 1	2	CVDF SCIC Field Termination Schedule	03/07/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84367, sh. 2	2	CVDF SCIC Field Termination Schedule	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	

Safety Class Instrumentation and Controls

ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-1-84367, sh. 3	1	CVDF SCIC Field Termination Schedule	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84367, sh. 4	1	CVDF SCIC Field Termination Schedule	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84367, sh. 5	0	CVDF SCIC Field Termination Schedule	10/28/99		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84367, sh. 6	1	CVDF SCIC Field Termination Schedule	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-84367, sh. 7	1	CVDF SCIC Field Termination Schedule	09/01/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-1-94207, sh. 1	0	CP-510 Door Wiring & Layout Inside View	05/10/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-4-84185, sh. 1	0	CP-410 Relay Rack #1 Layout and Routing Row #1	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-4-84185, sh. 10	0	CP-410 Relay Rack #4 Layout and Routing Row #10	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-4-84185, sh. 2	0	CP-410 Relay Rack #4 Layout and Routing Row #2	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-4-84185, sh. 3	0	CP-410 Relay Rack #1 Layout and Routing Row #3	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-4-84185, sh. 4	0	CP-410 Relay Rack #2 Time Delay On/Off Layout & Routing	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-4-84185, sh. 5	0	CP-410 Relay Rack #3 Layout and Routing Row #5	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-4-84185, sh. 6	0	CP-410 Relay Rack #3 Layout and RoutingRow #6	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-4-84185, sh. 7	0	CP-410 Relay Rack #3 Layout and Routing Row #7	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	
17	Final Design Drawings	H-4-84185, sh. 8	0	CP-410 Relay Rack #4 Layout and Routing Row #8	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hanford Document Control System		93.2	

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
17	Final Design Drawings	H-4-84185, sh. 8	0	CP-410 Relay Rack #4 Layout and Routing Row #8	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hartford Document Control System		93.2	
17	Final Design Drawings	H-4-84185, sh. 9	0	CP-410 Relay Rack #4 Layout and Routing Row #9	05/04/00		ESSENTIAL. Approved - Released and Controlled in the Hartford Document Control System		93.2	
18	Master Equipment List	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	As-Built Drawings	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Piping and Instrumentation Drawings (P&ID)	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21	Drawing Tree	H-1-83946, sh 1-3	3	Cold Vacuum Facility Drawing Tree	06/15/00		Approved. D8334433; D8334460; D8334484		-	
22	Interface Control Documents	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	Software Configuration Management Plan	SNF-6956	0	System Configuration Implementation Procedure for the SCIC MCS	09/23/00		Approved			
24	System Requirements Specification	HNF-3229	2a	SCIC System Requirement Specification	04/12/99					
25	Software Design Description	SNF-3091	1	SCIC Software Design Description	12/1/99					
26	Software Verification and Validation	51-5006205		SCIC Software Verification and Validation	02/07/00		Framatome Technologies Documents			
26	Software Verification and Validation	51-5006766		SCIC Software Verification and Validation	04/12/00		Framatome Technologies Documents			
26	Software Verification and Validation	51-5006907		SCIC Software Verification and Validation	02/07/00		Framatome Technologies Documents			
26	Software Verification and Validation	51-5007970		SCIC Software Verification and Validation	04/27/00		Framatome Technologies Documents			
26	Software Verification and Validation	51-5008326		SCIC Software Verification and Validation	03/30/99		Framatome Technologies Documents			
27	Software User Manual	01-5006076 Framatome		SCIC Software User Manual	06/13/00		Framatome Technologies Doc. is an Operations Manual			
27	Software Verification and Validation	51-5006205	0	SCIC Software Verification and Validation	02/07/00		Framatome Technologies Documents		93.2	
27	Software Verification and Validation	51-5006766	0	SCIC Software Verification and Validation	04/12/00		Framatome Technologies Documents		93.2	
27	Software Verification and Validation	51-5007970	0	SCIC Software Verification and Validation	04/27/00		Framatome Technologies Documents		93.2	
27	Software Verification and Validation	51-5008326	0	SCIC Software Verification and Validation	03/30/99		Framatome Technologies Documents		93.2	
28	Training Plan	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Training Manuals	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	Training to Operating Crews	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	Training to Maintenance Crews	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	Operations and Maintenance Manuals - found in VI files	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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ABU Category	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
36	Preventative Maintenance Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
37	Repair/Maintenance Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
38	Functional Check Procedures	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	PM/S System (Preventative Maintenance Data Sheets	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	Inspection Plans	PO-2598	0	Olympic Tool & Engineering Purchase Order -- Bay #3 Safety Class Helium Skids #1 & #2			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2598	0	Olympic Tool & Engineering Purchase Order -- Bay #4 Safety Class Helium Skids #1 & #2			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2598	0	Olympic Tool & Engineering Purchase Order -- Bay #5Safety Class Helium Skids #1 & #2			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2445-1	0	Framatone Purchase Order -- Bay #2 Safety Class Instrument and Controls Skid			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2445-1	0	Framatone Purchase Order -- Bay #3 Safety Class Instrument and Controls Skid			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2445-1	0	Framatone Purchase Order -- Bay #4 Safety Class Instrument and Controls Skid			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
40	Inspection Plans	PO-2445-1	0	Framatone Purchase Order -- Bay #5 Safety Class Instrument and Controls Skid			Approved Quality Assurance records of verification are stored at Acquisition Verification Services. Contact Audrey Cooper, 376-5720			
41	QA Program Plan	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systemd O & M Manual Volume 1, Section A, Subsection 1: Weight and Recommended Lifting Method	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systemd O & M Manual Volume 1, Section A, Subsection 2: Field Assembly Step-by-step Instructions	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	

Safety Class Instrumentation and Controls

ABU Cate-gory	Document Category	Drawing / Document Number	Rev.	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systemd O & M Manual Volume 1, Section A, Subsection 3: Plumbed Service Connectors	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systemd O & M Manual Volume 1, Section A, Subsection 4: Electrical Connections	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systemd O & M Manual Volume 1, Section A, Subsection 5: Instrumentation Connections	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systemd O & M Manual Volume 1, Section A, Subsection 6: Checkout and Test Procedures	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systemd O & M Manual Volume 1, Section A, Subsection 7: Instrument Field Re-calibration Procedures	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section A: Installation	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section B, Subsection 1: System Design Description	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section B, Subsection 2: System Operating Sequences	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section B, Subsection 3: System Failure Responses and Indications	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section B, Subsection 4: Local Operator Actions	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section B, Subsection 5: Remote Operator Actions	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	

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42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section B: System Operations	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section C, Subsection 1: Routing Inspections and Maintenance	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section C, Subsection 2: Troubleshooting	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section C: Maintenance and Repair	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section D, Subsection 1: Framatome System Drawings	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section D, Subsection 2: Nutherm Drawings	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section D, Subsection 3: Recommended Repair Actions	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section D, Subsection 4: Components Manufacturers' Manuals	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 1, Section D: Wiring and Control Diagrams; Framatome System Drawings	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 2, Section A: O & M Manuals for Purchased Equipment, Components, Special Items and Instruments	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 2, Section B: Material Safety Data Sheets	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50038-11	0	CVDF Safety Class Instrumentation and Control Systems O & M Manual Volume 2, Section C: Recommended Personnel Training Requirements	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	

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42	Vendor Information Files	VI-50038-11	0	SCIC O&M Manual	05/10/00	SOW-015.2	CVI 50038, supp 11. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files	VI-50039-09		Hanford CVD SCIC Equipment/Component Installation Instructions	01/06/00	SOW/15.1	VI-50038, Supp. 9. Stored in Document Control Station, MO-500/132		93.2	
42	Vendor Information Files			SCIC Commercial Software		SOW-018	No record of receipt on MSL		93.2	
43	Comprehensive Equipment List	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	Spare Parts List	N/A for this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

On-Site Testing

ABU Category	Document Category	Drawing / Document Number	Rev	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
1	Final Safety Analysis Report	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Safety Equipment List (SEL)	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Operational Safety Documents	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Design Criteria	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	System Design Description	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Test Plan/Specifications	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	CAT Procedures / Reports	005-2-001		O2 Monitoring System Bay 5	6/8/00				5.2	
7	CAT Procedures / Reports	005-2-002		O2 Monitoring System Bay 4	6/8/00				5.2	
7	CAT Procedures / Reports	005-2-003		O2 Monitoring System Bay 3	6/8/00				5.2	
7	CAT Procedures / Reports	005-2-004		O2 Monitoring System Bay 2	6/8/00				5.2	
7	CAT Procedures / Reports	005-2-005		O2 Monitoring System Process Water Room	6/8/00				5.2	
7	CAT Procedures / Reports	005-2-006		Wire Runs	6/8/00					
7	CAT Procedures / Reports	006-001 ATP		ATP/ Telescoping/Rolling Door	6/15/00					
7	CAT Procedures / Reports	006-1239		Wire Runs	7/18/00					
7	CAT Procedures / Reports	006-2981		Door Motors	7/18/00					
7	CAT Procedures / Reports	007-3-001		GOV-2403,-2404,-2405,-2416,-2421,-2422,-1401,-1412,2407			AI Test Completed 1/11/2000			
7	CAT Procedures / Reports	007-3-002		PIT-2411			AI Test Completed 4/10/2000			
7	CAT Procedures / Reports	007-3-003		PIT-2408			AI Test Completed 4/3/2000			
7	CAT Procedures / Reports	007-3-004		PIT-2409	8/18/00					
7	CAT Procedures / Reports	007-3-005		PCV-1427			AI Test Completed 2/14/2000			
7	CAT Procedures / Reports	007-3-006		TIT-2414			AI Test Completed 2/28/2000			
7	CAT Procedures / Reports	007-3-007		TIT-1407			AI Test Completed 3/1/2000			
7	CAT Procedures / Reports	007-3-008		PCV-2437			AI Test Completed 3/24/2000			
7	CAT Procedures / Reports	007-3-009		VPS-P-2411			AI Test Completed 4/4/2000			
7	CAT Procedures / Reports	007-3-010		NUMBER NOT USED						
7	CAT Procedures / Reports	007-3-011		In SERVICE INSPECTION (RE-TEST)						
7	CAT Procedures / Reports	007-3-012		TIT-2415			AI Test Completed 3/14/2000			
7	CAT Procedures / Reports	007-3-013		TIT-2435			AI Test Completed 4/19/2000			
7	CAT Procedures / Reports	007-3-014		TIT-2436			AI Test Completed 3/1/2000			
7	CAT Procedures / Reports	007-3-015		LSH-2425			AI Test Completed 3/2/2000			
7	CAT Procedures / Reports	007-3-016		FE/FIT-1419 Flow Transmitter			AI Test Completed 4/25/2000			
7	CAT Procedures / Reports	007-3-017		PCV-1427 (RETEST)			AI Test Completed 4/3/2000			
7	CAT Procedures / Reports	007-3-018		Ventilation Hood Single & Double Valve Operators and Process Connections,Pneumatic & Sensitive Leak Tests, VPS-401-SS-1, PWC-401-SS-1*, VPS 406-SS-1/2* VPS-402-SS-2*						
7	CAT Procedures / Reports	007-3-019		TIT-2435 (RETEST)	9/3/00					
7	CAT Procedures / Reports	007-3-020		TIT-2436 (RETEST)	9/3/00					
7	CAT Procedures / Reports	007-3-021		VPSCHW Pressure Gauge PI-2438 Restore Line ECN 661409	8/18/00					
7	CAT Procedures / Reports	007-3-022		LSH-2525 Replacement (ECN 661504						
7	CAT Procedures / Reports	007-3-023		Sensitive Leak Test LSH-2425	9/3/00		AI Test Completed 9/1/2000			
7	CAT Procedures / Reports	007-3-024		Relocate VPS-V-4029						
7	CAT Procedures / Reports	007-3-025		NUMBER NOT USED						
7	CAT Procedures / Reports	007-3-026		Replace SRV With PSE ECN 661431						

On-Site Testing

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7	CAT Procedures / Reports	007-3-1497		Bay 4 VPS-P-2411	1/11/00					
7	CAT Procedures / Reports	007-3-1502		Bay 4 Instrument Wiring	6/7/00					
7	CAT Procedures / Reports	007-4-001		GOV/SOV/ZS-2504,2505,2507,2516 2521,2522,2503,1501, 1512	2/2/00					
7	CAT Procedures / Reports	007-4-002		PIT-2511	3/11/00					
7	CAT Procedures / Reports	007-4-003		PIT-2508	3/11/00					
7	CAT Procedures / Reports	007-4-004		TIT-2536	3/11/00					
7	CAT Procedures / Reports	007-4-005		TIT-2535	3/11/00					
7	CAT Procedures / Reports	007-4-008		TIT-2515	3/11/00					
7	CAT Procedures / Reports	007-4-007		TIT/TE 1507	3/11/00					
7	CAT Procedures / Reports	007-4-008		TIT/TE 2514	3/11/00					
7	CAT Procedures / Reports	007-4-009		LSH-2525	3/11/00					
7	CAT Procedures / Reports	007-4-010		PCV-1527(RETEST ON PCV-1527 REFER TO IC-007-4 018)	3/11/00					
7	CAT Procedures / Reports	007-4-011		PCV -2537	3/11/00					
7	CAT Procedures / Reports	007-4-012		VPS-P-2511 Motor Test	3/11/00					
7	CAT Procedures / Reports	007-4-013		PT-2508	3/11/00					
7	CAT Procedures / Reports	007-4-014		NUMBER NOT USED						
7	CAT Procedures / Reports	007-4-015		FE/FIT-1519 Flow Transmitter	3/11/00					
7	CAT Procedures / Reports	007-4-016		VPS-PCV-2537 In SERVICE INSPECTION (RE-Test)			AI Test Completed 9/2/2000			
7	CAT Procedures / Reports	007-4-017		PCV-2537 (RETEST)	7/18/00					
7	CAT Procedures / Reports	007-4-018		PCV-1527(RETEST)	7/18/00					
7	CAT Procedures / Reports	007-4-019		PIT-2511 (RETEST)	7/18/00					
7	CAT Procedures / Reports	007-4-020		PIT-2509	7/18/00					
7	CAT Procedures / Reports	007-4-021		NUMBER NOT USED						
7	CAT Procedures / Reports	007-4-022		TIT-2535 (RETEST)	9/3/00					
7	CAT Procedures / Reports	007-4-023		TIT-2536 (RETEST)			AI Test Completed 9/2/2000			
7	CAT Procedures / Reports	007-4-024		GAUGE/ROOT VALVES LEAK TEST						
7	CAT Procedures / Reports	007-4-025		PIT-2509 (RETEST)	7/18/00					
7	CAT Procedures / Reports	007-4-026		Ventilation Hood Single & Double Valve Operators and Process Connections,Pneumatic & Sensitive Leak Tests,VPS-501-SS-1", PWC-501-SS-1", VPS 506-SS- 1/2" VPS-502-SS-2"						
7	CAT Procedures / Reports	007-4-027		Replacement of Switch LSH-2525						
7	CAT Procedures / Reports	007-4-028		LSH-2525 Sensitive Leak Test	9/3/00					
7	CAT Procedures / Reports	007-4-029		VPSC:HW toVPS-TK-2516, Inservice Leak Test	8/18/00					
7	CAT Procedures / Reports	007-4-030		PI-2538 VPSCHW Pressure Gauge	8/18/00					
7	CAT Procedures / Reports	007-4-031		Relocate VPS-V-5029						
7	CAT Procedures / Reports	007-4-032		NUMBER NOT USED						
7	CAT Procedures / Reports	007-4-033		Replaced SRV With PSE ECN 661431						
7	CAT Procedures / Reports	007-4-1525/REV.1		Bay 5 VPS-P-2511	3/11/00					
7	CAT Procedures / Reports	007-4-1529		Bay 5: GOV's ,Control Wiring	2/2/00					
7	CAT Procedures / Reports	007-4-1530		Bay 5 Instrument Wiring	3/11/00					

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7	CAT Procedures / Reports	012-001		CP-PCV-5006-5009-5010-5011-5012-5013-5014-5015-5016-5017 Refer To 012-017 for Retest on PCV-5014,5015,5016,5017- RETEST ON PCV-5006 REFER TO 012-024	1/13/00					
7	CAT Procedures / Reports	012-002		PI-5006-5010-5012-5013	1/13/00					
7	CAT Procedures / Reports	012-003		CA-CMP-5019-1-PS-2-PS (REFER TO 012-019 FOR RETEST)	1/13/00					
7	CAT Procedures / Reports	012-004		Compressed Air & Instrument Air	1/13/00				12	
7	CAT Procedures / Reports	012-005		CA-CMP-5019-1PS, 2PS	1/13/00					
7	CAT Procedures / Reports	012-006		CA-PT-5008	1/13/00					
7	CAT Procedures / Reports	012-007		Compressor Room	1/13/00					
7	CAT Procedures / Reports	012-007A		Compressor Room (Supplement)	1/13/00					
7	CAT Procedures / Reports	012-008		Auxiliary Tank	1/13/00					
7	CAT Procedures / Reports	012-009		Facility Piping	1/13/00					
7	CAT Procedures / Reports	012-010		NUMBER NOT USED						
7	CAT Procedures / Reports	012-011		Bay 2 Valves 212 & 213	1/13/00					
7	CAT Procedures / Reports	012-012		XS-5009	1/13/00					
7	CAT Procedures / Reports	012-013		Wire Runs 611,726,1745	1/13/00					
7	CAT Procedures / Reports	012-014		PI-5220-5320,-5420,-5520	1/13/00					
7	CAT Procedures / Reports	012-015		In-Service Leak Tester of CAMA						
7	CAT Procedures / Reports	012-016		Desiccant Dryer and 5 Relief Valves	1/13/00					
7	CAT Procedures / Reports	012-017		PCV-5014,5015,5016,5017(Retest)	7/18/00					
7	CAT Procedures / Reports	012-018		CA To AUX Vac Pump	7/18/00					
7	CAT Procedures / Reports	012-019		CA-CMP-5019 (Retest)	7/18/00					
7	CAT Procedures / Reports	012-020		Pneumatic and In-Service Leak Test IA-502-ST-1/4"	9/3/00					
7	CAT Procedures / Reports	012-021		Pneumatic and In-Service Leak Test IA-402-ST-1/4"	9/3/00					
7	CAT Procedures / Reports	012-022		Initial Service Leak Test Selected IA Lines						
7	CAT Procedures / Reports	012-023		CA Modifications - RIM 120 (ECN 661060)			AI Test Completed 8/29/2000			
7	CAT Procedures / Reports	012-024		PCV-5006 Rerange, Added PCV-1546,1446 ECN 661521	8/18/00					
7	CAT Procedures / Reports	012-025		Replacement Rosemont PT-5008 PER ECN 661546	8/18/00					
7	CAT Procedures / Reports	012-026		FE/FIT-1520 Punchlist # 1277 RETEST						
7	CAT Procedures / Reports	012-027		6 Month Recal Cycle PI-5220,PI-5320,PI-5420,PI-5520			Test Complete 9/3/2000			
7	CAT Procedures / Reports	013-1-001		Flushing/Clean and Sample Pneumatic & Sensitive Package						
7	CAT Procedures / Reports	013-1-001A		Supplement To Include HE-V-2127						
7	CAT Procedures / Reports	013-1-002		FI-1322,1422,-1522,-5031	7/18/00					
7	CAT Procedures / Reports	013-1-003		PCV-5028	3/15/00					
7	CAT Procedures / Reports	013-1-004		PT 5030 (REFER TO IC-013-1-011 FOR RETEST)	3/15/00					
7	CAT Procedures / Reports	013-1-005		Wire Run 1742	3/15/00					
7	CAT Procedures / Reports	013-1-006		In-Service Leak Test	3/15/00					
7	CAT Procedures / Reports	013-1-007		Line He '02	8/18/00					

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7	CAT Procedures / Reports	013-1-008		PI-5326,PCV-5326	7/18/00					
7	CAT Procedures / Reports	013-1-009		PI-4326,PCV-4326	7/18/00					
7	CAT Procedures / Reports	013-1-010		PI-3326,PCV-3326	7/18/00					
7	CAT Procedures / Reports	013-1-011		PT-5030 (REFER TO IC-013-1-012 FOR RETEST)	7/18/00					
7	CAT Procedures / Reports	013-1-012		PT-5030 Replaced With Rosemont	9/3/00					
7	CAT Procedures / Reports	013-1-013		ECN-657895, ECN-661056 NCR-00-SNFP-0056	9/3/00					
7	CAT Procedures / Reports	013-1-014		New Rotometer Cal, FI-5088 (ECN 661582)	9/3/00					
7	CAT Procedures / Reports	013-1-015		DI Water Flush Bay 4 & 5 (NCR-SNFP-00-0127)						
7	CAT Procedures / Reports	013-2-001		Safety Class Helium Helium Lined Attached to the SCHe Assemblies						
7	CAT Procedures / Reports	013-2-002		Sche Retrofit Bay 4						
7	CAT Procedures / Reports	013-2-003		Sche Retrofit Bay 5						
7	CAT Procedures / Reports	013-2-004		Misc. ECN Rerefest Package						
7	CAT Procedures / Reports	013-2-1831		Bay 4: Cables	7/18/00					
7	CAT Procedures / Reports	013-2-1907		Bay 4: Check Valves	1/17/00					
7	CAT Procedures / Reports	013-2-1919		Bay 4: Manual Valves	1/17/00					
7	CAT Procedures / Reports	013-2-1949		Bay 5 Cables	7/18/00					
7	CAT Procedures / Reports	013-2-2025		Bay 5: Check Valves	1/17/00					
7	CAT Procedures / Reports	013-2-2037		Bay 5: Manual Valves	1/17/00					
7	CAT Procedures / Reports	013-2-3348		Bay 4: Manual Valves He-V-4071 He-V-4072	1/17/00					
7	CAT Procedures / Reports	013-2-3349		Bay 5: Manual Valves He-V-5071 He-V-5072	1/17/00					
7	CAT Procedures / Reports	014-001		Bay 5 BRIDGE Cranes	4/24/00				14	
7	CAT Procedures / Reports	014-002		Bay 4 BRIDGE Cranes	4/24/00				14	
7	CAT Procedures / Reports	014-003		Bay 3 BRIDGE Cranes	4/24/00				14	
7	CAT Procedures / Reports	014-004		Bay 2 BRIDGE Cranes	4/24/00				14	
7	CAT Procedures / Reports	018-001		Drainage System	4/24/00				18	
7	CAT Procedures / Reports	018-002		Control Circuit Inspection	4/24/00					
7	CAT Procedures / Reports	018-003		Wire Runs	4/24/00					
7	CAT Procedures / Reports	020-1-001		Stand By Panel DG-DP-001	7/21/00					
7	CAT Procedures / Reports	020-1-1268		MCC-1	7/21/00					
7	CAT Procedures / Reports	020-1-1269		MCC-1	7/21/00					
7	CAT Procedures / Reports	020-1-1272		PNL-002	7/21/00					
7	CAT Procedures / Reports	020-1-1273		Transformers XT1,2,3,4,5,6,7,8	7/21/00					
7	CAT Procedures / Reports	020-1-2941		PNL-001	7/21/00					
7	CAT Procedures / Reports	020-1-2944		PNL-007	7/21/00					
7	CAT Procedures / Reports	020-1-2945		PNL-009	7/21/00					
7	CAT Procedures / Reports	020-1-2946		PNL-001	7/21/00					
7	CAT Procedures / Reports	020-1-2949		PNL-007	7/21/00					
7	CAT Procedures / Reports	020-1-2965		PNL-004	7/21/00					
7	CAT Procedures / Reports	020-1-2966		PNL-006						
7	CAT Procedures / Reports	020-1-2967		PNL-008	7/21/00					
7	CAT Procedures / Reports	020-1-2968		PNL-010	7/21/00					
7	CAT Procedures / Reports	020-1-2971		Panel LNP-2	7/21/00					
7	CAT Procedures / Reports	020-1-2972		PNL-002	7/21/00					

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7	CAT Procedures / Reports	020-5-001		Bay 4 Heat Trace Wire Runs 408,412,414,418,419,420 421	6/5/00					
7	CAT Procedures / Reports	020-5-002		Bay 5 Heat Trace Wire Runs 508,512,513,514,518,519, 520,521	6/5/00					
7	CAT Procedures / Reports	020-5-003		Bay 4: Heat Trace Controllers	6/5/00					
7	CAT Procedures / Reports	020-5-004		Bay 5: Heat Trace Controllers	6/5/00					
7	CAT Procedures / Reports	020-5-005		Addition Heat Trace TC-8423, TC-8523						
7	CAT Procedures / Reports	020-5-006		Addition Heat Trace TC-8427, TC-8527						
7	CAT Procedures / Reports	020-6-001		MSTR-8045-SP -AT8045						
7	CAT Procedures / Reports	020-6-002		MSTR-8047-SP -AT8047						
7	CAT Procedures / Reports	020-6-003		DGS Compressed Air System	7/21/00				12	
7	CAT Procedures / Reports	020-6-004		DGS Diesel Fuel System	7/21/00					
7	CAT Procedures / Reports	020-6-005		Diesel Generator Air Circuit Breaker	7/21/00					
7	CAT Procedures / Reports	020-6-006		Diesel Generator Disconnect Switches	7/21/00					
7	CAT Procedures / Reports	020-6-007		Diesel Generator Air Compressor Motor	7/21/00					
7	CAT Procedures / Reports	020-6-008		Diesel Generator Fuel Pump Combination Starter	7/21/00					
7	CAT Procedures / Reports	020-6-009		Diesel Generator Fuel Pump Motor	7/21/00					
7	CAT Procedures / Reports	020-6-010		Diesel Generator Panelboard DG1-PP1-1	7/21/00					
7	CAT Procedures / Reports	020-6-011		Diesel Generator Transformer TR-DG1-1	7/21/00					
7	CAT Procedures / Reports	020-6-012		VOID NUMBER NOT USED						
7	CAT Procedures / Reports	020-6-013		Diesel Generator Disconnect Switches SC STBY-DS- DG1-1	7/21/00					
7	CAT Procedures / Reports	020-6-014		Control CircuitCheckout						
7	CAT Procedures / Reports	020-6-015		TI-0027	7/21/00					
7	CAT Procedures / Reports	020-6-016		PDIT-214-1	7/21/00					
7	CAT Procedures / Reports	020-6-017		LDS-0038A,LS-0003	7/21/00					
7	CAT Procedures / Reports	020-6-018		LT-0037,LIC-037	7/21/00					
7	CAT Procedures / Reports	020-6-019		NUMBER NOT USED						
7	CAT Procedures / Reports	020-6-020		PI-0038	7/21/00					
7	CAT Procedures / Reports	020-6-021		LT-0036	7/21/00					
7	CAT Procedures / Reports	020-6-022		PI-0031, PI-0033, PI-0035	7/21/00					
7	CAT Procedures / Reports	020-6-023		TI-210-1, TS-210-1,P1-211,PSL-211-1	7/21/00					
7	CAT Procedures / Reports	020-6-024		TI-226-1,TSH-226-1	7/21/00					
7	CAT Procedures / Reports	020-6-025		PCV-0020	7/21/00					
7	CAT Procedures / Reports	020-6-028		Miscellaneous Mechanical Test And Surveillance	7/21/00					
7	CAT Procedures / Reports	020-6-029		DG Load Bank	7/21/00					
7	CAT Procedures / Reports	020-6-030		Compressor Pressure Switch	7/21/00					
7	CAT Procedures / Reports	020-6-031		DG Continuity Megger & Grounding Test Data	7/21/00					
7	CAT Procedures / Reports	020-6-032		Lighting & Receptacles	7/21/00					
7	CAT Procedures / Reports	020-6-033		Replace Air Relay Valve	8/18/00				12	
7	CAT Procedures / Reports	020-6-034		MSTR-8045-SP & MSTR-8047-SP			AI Test Completed 7/26/2000			
7	CAT Procedures / Reports	020-6-035		TK-001 Over Flow Test Day Tank						
7	CAT Procedures / Reports	020-6-036		TK-001 Over Flow Test Day Tank (Retest)	8/18/00					
7	CAT Procedures / Reports	020-6-037		TI-226-1,TSH-226-1,TSHH-226-1 (RETEST)						
7	CAT Procedures / Reports	020-6-038		Leak Test DGCA-PT-0035 (Replaced) ECN 661546	9/3/00					

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7	CAT Procedures / Reports	020-6-039		Diesel Generator Fuel Pump/Motor (RETEST)						
7	CAT Procedures / Reports	020-6-040		Initial Service Leak Test (RETEST)						
7	CAT Procedures / Reports	020-6-041		Replace With Rosemont (PT-0035) ECN 661546	8/18/00					
7	CAT Procedures / Reports	020-6-042		Recal TS-226-1 Per Temp-Mod # 441-020-06-002	9/3/00					
7	CAT Procedures / Reports	024-001		Wire Runs			AI Test Completed 5/31/2000			
7	CAT Procedures / Reports	024-001-ATP		ATP						
7	CAT Procedures / Reports	025-001		PWC FI-4049, Bay 4 -1431,Bay 5 -1531	3/15/00					
7	CAT Procedures / Reports	025-003		CVD Facility DI Water Piping Flushing/Cleaning and Hydrostatic (Refer To ME-025-011 For Retest)	8/18/00					
7	CAT Procedures / Reports	025-004		PI-9006-.9030-.9032-.9034-.9035	3/15/00					
7	CAT Procedures / Reports	025-005		PT-9005 (REFER TO 025-014 FOR RETEST)	3/15/00					
7	CAT Procedures / Reports	025-006		PS-9010, LSL-9011	3/15/00					
7	CAT Procedures / Reports	025-007		LSH-9008	3/15/00					
7	CAT Procedures / Reports	025-008		DI Water CIT-9007 A & B Conductivity	3/15/00					
7	CAT Procedures / Reports	025-009		DI-P-001 (Refer To EE-025-010 For Retest)						
7	CAT Procedures / Reports	025-010		DI-P-001	3/15/00					
7	CAT Procedures / Reports	025-011		CVD Facility DI Water Piping Flushing/Cleaning and Hydrostatic (ReTest)						
7	CAT Procedures / Reports	025-012		PI-9306-.9406-.8506-.9606	7/18/00					
7	CAT Procedures / Reports	025-013		PCV-9303-.9403-.9503-.9603	7/18/00					
7	CAT Procedures / Reports	025-014		PT-9005/Recalibration	7/18/00					
7	CAT Procedures / Reports	025-015		Bay 4 DI Flex Hose/Flush and Hydrostatic Test	8/18/00					
7	CAT Procedures / Reports	025-016		DI Leak Test SRV's	7/18/00					
7	CAT Procedures / Reports	025-017		PT-9005 Replacement With Rosemont PT	8/18/00					
7	CAT Procedures / Reports	025-018		Misc. ECN Retest Package	9/3/00					
7	CAT Procedures / Reports	025-019		Leak Test PT-9005 & SRV's (ECN 661546)	7/18/00					
7	CAT Procedures / Reports	026-001		In-Service Leak Test	7/18/00					
7	CAT Procedures / Reports	026-002		PCV-9021-.9022 PT-9020 (Refer To IC-026-006 For Retest On PT-9020)	3/18/00					
7	CAT Procedures / Reports	026-003		PI-9021	3/18/00					
7	CAT Procedures / Reports	026-004		Wire Runs 1744	3/18/00					
7	CAT Procedures / Reports	026-005		InService Hydrostatic Leak Test	7/18/00					
7	CAT Procedures / Reports	026-006		PT-9020 (Retest)	3/18/00					
7	CAT Procedures / Reports	026-007		Test Sheet For Continuity						
7	CAT Procedures / Reports	026-008		Leak Test PW-PT-9020	9/3/00					
7	CAT Procedures / Reports	026-009		PT-9020 Replaced With Rosemont	8/18/00					
7	CAT Procedures / Reports	027-001		Pressure Test	5/31/00					
7	CAT Procedures / Reports	027-002		LSH/LSHH-9031 (REFER TO 027-003 FOR RETEST)	5/31/00					
7	CAT Procedures / Reports	027-003		LSH/LSHH-9031 (RETEST)	5/31/00					
7	CAT Procedures / Reports	027-004		WIRE RUNS	5/31/00					
7	CAT Procedures / Reports	027-2898		Wire Runs # 779 & 780	5/31/00					
7	CAT Procedures / Reports	030-1-001		HVAC-HTP-8001			AI Test Completed 1/12/2000		30	

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7	CAT Procedures / Reports	030-1-002		Test Sheet For Meggering						
7	CAT Procedures / Reports	030-1-002 ATP		CVD Administrative Area HVAC Bay 5 Process Bay HVAC Instrumentation, PDCV-8521, PY-8521, PDIS-8501, PDIS-8502, PDIS-8503,PDIS-8505, SOV/DMP/ZS-8501, TT-8504, TE-8504, TT-8505, TT-8506, TE-8506, TCV-8503, TY-8503, ZS-8508, ZS-8509			AI Completed 2/22/2000		30.1	
7	CAT Procedures / Reports	030-2-001		Factory Acceptance Test Bay 5 Recirculation Drainage System						
7	CAT Procedures / Reports	030-2-001 (FAT)		Factory Acceptance Test Bay 4 Recirculation					18	
7	CAT Procedures / Reports	030-2-002 (FAT)		Condensate Drain						
7	CAT Procedures / Reports	030-2-003		Factory Acceptance Test Bay 3 Recirculation					18	
7	CAT Procedures / Reports	030-2-003 (FAT)		Bay 5 HVAC Temperature Controller, HTR-8504						
7	CAT Procedures / Reports	030-2-004		Factory Acceptance Test Bay 2 Recirculation					30.2	
7	CAT Procedures / Reports	030-2-004 (FAT)		HVAC Temp Indicators, TI-8508, TI-8509, TI-8510, TI-8511						
7	CAT Procedures / Reports	030-2-005		Process Bay 4 HVAC Instrumentation, PDCV-8421, PY-8421, PDIS-8401, PDIS-8402, PDIS-8403, PDIS-8405, SOV/DMP/ZS- 8401, TT-8404, TE-8404, TT-8405, TE-8405, TT-8406, TE-8406, TCV-8403, TY-8403, ZS-8408, ZS-8409			AI Completed 3/10/2000		30.2	
7	CAT Procedures / Reports	030-2-007		Process Bay 4 HVAC Temperature Controller HTR-8404					30.2	
7	CAT Procedures / Reports	030-2-008		Process Bay 4 HVAC Temperature Indicators, TI-8408, TI-8409, TI-8410, TI-8411					30.2	
7	CAT Procedures / Reports	030-2-009		Process Bay 3 HVAC Instrumentation, PDCV-8321, PY-8321, PDIS-8301, PDIS-8302, PDIS-8303, PDIS-8305, SOV/DMP/ZS- 8301, TT-8304, TE-8304, TT-8305, TE-8305, TT-8306, TE-8306, TCV-8303, TY-8303, ZS-8308, ZS-8309			AI Completed 4/7/2000		30.2	
7	CAT Procedures / Reports	030-2-010		Process Bay 3 HVAC Temperature Controller HTR-8304					30.2	
7	CAT Procedures / Reports	030-2-011		Process Bay 3 HVAC Temperature Indicator TI-8308, TI-8309, TI-8310, TI-8311					30.2	
7	CAT Procedures / Reports	030-2-012		Process Bay 2 HVAC Instrumentation PDCV-8221, PY-8221, PDIS-8201, PDIS-8202, PDIS-8203, PDIS-8205, SOV/DMP/ZS- 8201, TT-8204, TE-8204, TT-8205, TE-8205, TT-8206, TE-8206, TCV-8203, TY-8203, ZS-8208, ZS-8209			AI Completed 6/1/2000		30.2	
7	CAT Procedures / Reports	030-2-013		Process Bay 2 HVAC Temperature HTR-8204					30.2	
7	CAT Procedures / Reports	030-2-014		Process Bay 2 HVAC Temperature Indicators TI-8208, TI-8209, TI-8210, TI-8211					30.2	

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7	CAT Procedures / Reports	030-2-015		Bay 5 Instrumentation Loop PDCV/PY-8521, PDIS-8501, PDIS-8502, PDIS-8503, PDIS-8505, SOV/CMP/ZS-8501, TT-8504, TT-8505, TT-8506, TCV/ITY-8503, ZS-8508, ZS-8509			AI Completed 6/28/2000			
7	CAT Procedures / Reports	030-2-016		Bay 4 Instrumentation Loop PDCV/PY-9421, PDIS-9401, PDIS-9402, PDIS-9403, PDIS-9405, SOV/CMP/ZS-8401, TT-8404, TT-8405, TT-8406, TCV/ITY-8403, ZS-8408, ZS-8409			AI Completed 7/1/2000			
7	CAT Procedures / Reports	030-2-017		Bay 3 Instrumentation Loop PDCV/PY-8321, PDIS-8301, PDIS-8302, PDIS-8303, PDIS-8305, SOV/CMP/ZS-8301, TT-8304, TT-8305, TT-8306, TCV/ITY-8303, ZS-8308, ZS-8309			AI Completed 7/1/2000			
7	CAT Procedures / Reports	030-2-018		Bay 2 Instrumentation Loop PDCV/PY-8221, PDIS-8201, PDIS-8202, PDIS-8203, PDIS-8205, SOV/CMP/ZS-8201, TT-8204, TT-8205, TT-8206, TCV/ITY-8203, ZS-8208, ZS-8209			AI Completed 7/1/2000			
7	CAT Procedures / Reports	030-2-019		Process Bay 5 HVAC Instrumentation) PDIS-8502 Replacement			AI Completed 3/28/2000		30.2	
7	CAT Procedures / Reports	030-2-020		Bay 2 Condensate Drain			AI Completed 3/28/2000		18	
7	CAT Procedures / Reports	030-2-021		Bay 3 Condensate Drain			AI Completed 3/28/2000		18	
7	CAT Procedures / Reports	030-2-022		Bay 5 HVAC-FAN-8505			AI Completed 6/12/2000		30.3	
7	CAT Procedures / Reports	030-2-023		Bay 4 HVAC-FAN-8405			AI Completed 6/12/2000		30.3	
7	CAT Procedures / Reports	030-2-024		Bay 3 HVAC-FAN-8305			AI Completed 7/12/2000		3	
7	CAT Procedures / Reports	030-2-025		Bay 2 HVAC-FAN-8205			AI Completed 8/12/2000			
7	CAT Procedures / Reports	030-2-026		RE-Calibrate PDIS-8205,8305,8405,8505			AI Completed 8/29/2000			
7	CAT Procedures / Reports	030-2A-001		Supply and Return System Bay 3			AI Completed 12/9/1999			
7	CAT Procedures / Reports	030-2A-002		Supply and Return System Bay 5			AI Completed 12/9/1999			
7	CAT Procedures / Reports	030-2A-003		Supply and Return System Bay 2						
7	CAT Procedures / Reports	030-2A-004		Supply and Return System Bay 4						
7	CAT Procedures / Reports	030-2A-005		Liebert System			AI Completed 1/14/2000			
7	CAT Procedures / Reports	030-2A-006		Liebert System			AI Completed 3/28/2000			
7	CAT Procedures / Reports	030-2A-007		All HEPA Filter						
7	CAT Procedures / Reports	030-2A-007A		General and Local Exhaust HEPA Filters			AI Completed 7/18/2000			
7	CAT Procedures / Reports	030-2A-008		Process Bay 2 Duct Leak Test						
7	CAT Procedures / Reports	030-2A-009		Process Bay 3 Duct Leak Test						
7	CAT Procedures / Reports	030-2A-010		Process Bay 4 Duct Leak Test						
7	CAT Procedures / Reports	030-2A-011		Process Bay 5 Duct Leak Test						
7	CAT Procedures / Reports	030-2A-012		HEPA Filter Bay 2						
7	CAT Procedures / Reports	030-2A-013		HEPA Filter Bay 3						
7	CAT Procedures / Reports	030-2A-014		HEPA Filter Bay 4						
7	CAT Procedures / Reports	030-2A-015		HEPA Filter Bay 5						
7	CAT Procedures / Reports	030-3-001		Local Exhaust HVAC System From Bay to Filter						
7	CAT Procedures / Reports	030-3-001 (FAT)		Local Exhaust HVAC			AI Completed 8/23/2000			
7	CAT Procedures / Reports	030-3-002		Local Exhaust HVAC						
7	CAT Procedures / Reports	030-3-003		Local 3 General Exhaust						
7	CAT Procedures / Reports	030-3-004		NUMBER NOT USED						

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7	CAT Procedures / Reports	030-3-005		Process Vent Bay 5			AI Completed 9/3/2000			
7	CAT Procedures / Reports	030-3-006		Process Vent Bay 4			AI Completed 9/3/2000			
7	CAT Procedures / Reports	030-3-007		Local Exhaust, PSL-8049, PDIS-8041, 8045, 8045B, 8047			AI Completed 8/23/2000			
7	CAT Procedures / Reports	030-3-007A		General an Local Exhaust Hepa Filter						
7	CAT Procedures / Reports	030-3-008		Process Bay 3 HVAC Instrumentation						
7	CAT Procedures / Reports	030-3-009		Process Bay 2 HVAC Instrumentation PSL-8049, PDIS-8041, 8045, 8045B, 8047			AI Completed 7/24/2000			
7	CAT Procedures / Reports	030-3-010		HVAC Local Exhaust(Safety Significant Devices) SOV/DMP/ZS-8203, SOV/DMP/ZS-8303, SOV/DMP/ZS-8403, FIT-8044			AI Completed 3/10/2000			
7	CAT Procedures / Reports	030-3-011		Flow Switches Local Exhaust Process Bay'S I&C Safety Significant Device FIS-8507, -9407, -8307, -8207			AI Completed 8/7/2000			
7	CAT Procedures / Reports	030-3-012		Local Exhaust Loop I& C Safety Significant Device FIT-8044, SOV/DMP/ZS-8203, SOV/DMP/ZS-8303, SOV/DMP/ZS-8403, SOV/DMP/ZS-8503			AI Completed 4/15/2000			
7	CAT Procedures / Reports	030-3-013		Flex Hose for Local Exhaust Bays 4,8,5						
7	CAT Procedures / Reports	030-3-014		PV Line To Local Exhaust			AI Completed 7/24/2000			
7	CAT Procedures / Reports	030-3-015		Bay 5: PI-1532,SOV-3325,TI-1545,TE-1545						
7	CAT Procedures / Reports	030-3-016		Bay 4: PT-1435,SOV-4325,TI-1445,TE-1445						
7	CAT Procedures / Reports	030-3-017		Bay 3: PT-1335,SOV-3325,TI-1345,TE-1345						
7	CAT Procedures / Reports	030-3-018		Cask Vent Special Tool Stand He-502-ST-1/2" Line			AI Completed 7/24/2000			
7	CAT Procedures / Reports	030-3-019		VOID						
7	CAT Procedures / Reports	030-3-020		XT-9051 Local Exhaust			AI Completed 4/7/2000			
7	CAT Procedures / Reports	030-3-021		VFD-8045,-VFD-8047			AI Completed 7/20/2000			
7	CAT Procedures / Reports	030-3-022		Flow Switches Local Exhaust Process Vent Bay'S I&C Safety Significant Device						
7	CAT Procedures / Reports	030-3-023		Flow Switches Local Exhaust Process Bay'S I&C Safety Significant Device (RETEST)						
7	CAT Procedures / Reports	030-3-024		Bench Test Back Draft Damper HVAC-DMP-006 & 008			AI Completed 8/23/2000			
7	CAT Procedures / Reports	030-3B-001		Bay 5 TW-QD-5018, TW-V-5021,5027						
7	CAT Procedures / Reports	030-3B-002		Bay 4 TW-QD-4018, TW-V-4021,4027						
7	CAT Procedures / Reports	030-3B-003		Bay 4: Flex Hose Spool Assemblies						
7	CAT Procedures / Reports	030-3B-004		Bay 5: Flex Hose Spool Assemblies						
7	CAT Procedures / Reports	030-3B-005		VPS-V-4010 & VPS-V-4019 All Process Connection Bay 4						
7	CAT Procedures / Reports	030-3B-006		VPS-V-5010 & VPS-V-5019 All Process Connection Bay 5						
7	CAT Procedures / Reports	030-3B-3215		Bay 4: Cable Runs 748,181,738,1813						
7	CAT Procedures / Reports	030-3B-3216		Bay 4: TWC-FCV-1422, TW-FCV-1423						
7	CAT Procedures / Reports	030-3B-3224		I-A-CKV-4082,PV-CKV-4112						
7	CAT Procedures / Reports	030-3B-3228		Manual Valves						

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7	CAT Procedures / Reports	030-3B-3229		Bay 5: Wire Runs 739,750,1814,1819						
7	CAT Procedures / Reports	030-3B-3230		Bay TW-FCV-1522, TW-FCV-1523						
7	CAT Procedures / Reports	030-3B-3238		IA-CKV-5062,PV-CKV-5112						
7	CAT Procedures / Reports	030-3B-3242		Manual Valves						
7	CAT Procedures / Reports	030-3B-3314		Bay 4: Process Hood Wiring						
7	CAT Procedures / Reports	030-4-001		General Exhaust HVAC System From Bay To Filter			AI Completed 8/21/2000			
7	CAT Procedures / Reports	030-4-001 (FAT)		Factory Acceptance Test			AI Completed 8/23/2000			
7	CAT Procedures / Reports	030-4-002		HEPA To Fan						
7	CAT Procedures / Reports	030-4-003		General Exhaust HVAC Instrumentation PSL-8029, SOV/DMP/ZS-8015, SOV/DMP/ZS-8015, SOV/DMP/ZS-8016, SOV/DMP/ZS-8017, SOV/DMP/ZS-8018, SOV/DMP/ZS-8019, SOV/DMP/ZS-8026, SOV/DMP/ZS-8028, PDIS-8021, PDIS-8023, PDIS-8025, PDIS-8027			AI Completed 7/20/2000			
7	CAT Procedures / Reports	030-4-004		General Exhaust Loop PSL-8029, SOV/DMP/ZS-8015, SOV/DMP/ZS-8015, SOV/DMP/ZS-8016, SOV/DMP/ZS-8017, SOV/DMP/ZS-8018, SOV/DMP/ZS-8019, SOV/DMP/ZS-8026, SOV/DMP/ZS-8028, PDIS-8021, PDIS-8023, PDIS-8025, PDIS-8027			AI Completed 7/20/2000			
7	CAT Procedures / Reports	030-4-005		I & C Safety Significant Devices SOV/DMP/ZS-8102,SOV/DMP/ZS-8202, SOV/DMP/ZS-8302, SOV/DMP/ZS-8402, SOV/DMP/ZS-8502, FIT-8024			AI Completed 7/11/2000			
7	CAT Procedures / Reports	030-4-006		Process General Exhaust Loops I & C Safety Significant Devices FIT-8024, SOV/DMP/ZS-8102, SOV/DMP/ZS-8202, SOV/DMP/ZS-8302, SOV/DMP/ZS-8402, SOV/DMP/ZS-8502			AI Completed 4/15/2000			
7	CAT Procedures / Reports	030-4-007		XT-9031 Local Exhaust			AI Completed 4/7/2000			
7	CAT Procedures / Reports	030-4-008		VFD-8025,-VFD-8027			AI Completed 6/28/2000			
7	CAT Procedures / Reports	030-4-009		HVAC-DMP-8026,-8028						
7	CAT Procedures / Reports	030-4-010		Leak Test			AI Completed 8/21/2000			
7	CAT Procedures / Reports	030-4-011		Bench Test Back Draft Damper HVAC-DMP-002 & 004			AI Completed 8/23/2000			
7	CAT Procedures / Reports	030-4-012		General Exhaust HEPA Filter						
7	CAT Procedures / Reports	030-4-013		(RETEST) General Exhaust HVAC System From Bay To Filter						
7	CAT Procedures / Reports	030-5-001		Reference Air System I&C Safety Significant Device PDT-8520, -8420, -8320, -8220, -8080, 8520B, -8420B, 8320B, -8220B, -8080B			AI Completed 4/12/2000		93.1	
7	CAT Procedures / Reports	030-5-002		Reference Air Loops I&C Safety Significant Devices PDT-8080, -8080B, -8220, -8220B, -8320, -8320B, -8420, -8420B, -8520, -8520B			AI Completed 7/19/2000		93.1	

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7	CAT Procedures / Reports	030-5-003		Reference Air Piping Pressure Test			AI Completed 4/27/2000		12	
7	CAT Procedures / Reports	030-5-004		Ref. Air Sys. I&C S.S.D. PDIT-8080,8080B,8320B,8420B,8520B Will Be Replaced With Rosemont					12	
7	CAT Procedures / Reports	030-5-005		Misc. ECN Releat Package (George)						
7	CAT Procedures / Reports	030-5-006		RE CAL HVAC REFERENCE Air Device PDIT-8520A, 8420A, 8220A, 8080A			AI Completed 7/24/2000			
7	CAT Procedures / Reports	030-5-007		RE CAL HVAC REFERENCE Loop Device PDIT-8520B, 8420B, 8220B, 8080B						
7	CAT Procedures / Reports	030-5-008		PDIT 8520,8420,8320,8220 ECN Waiting From Lee						
7	CAT Procedures / Reports	030-6-001		General Supply Test Package			AI Completed 8/21/2000			
7	CAT Procedures / Reports	030-6-002		Instrumentation						
7	CAT Procedures / Reports	030-6-003		Temperature Controller HTR-8003, -8010, 8011, -8012, -8013, -8014						
7	CAT Procedures / Reports	030-6-004		Temperature Indicators TI-8015, -8016, -8017, -8018, -8019, -8020, -8021, -8022, -8023, -8024, -8025			AI Completed 2/19/2000			
7	CAT Procedures / Reports	030-6-005		General Supply Loop FIT-8007, PDIT-8070, -8073, -8074, -8075, -8076, -8077, -8078, 8079, PDIS-8001, TS-8005, TT-8001, -8003, -8006, -8010, 8011, -8013, -8014, TCV-8004, SOV/DMP/ZS-8035, SOV/DMP/ZS-8001, SOV/DMP/ZS-8001B			AI Completed 7/17/2000			
7	CAT Procedures / Reports	030-6-006		General Supply I&C Safety Significant Device PDIS-8022, -8042, -8043			AI Completed 3/20/2000			
7	CAT Procedures / Reports	030-6-007		I&C Significant Device General Supply Loops PDIS-8022, -8042, -8043			AI Completed 4/7/2000			
7	CAT Procedures / Reports	030-6-008		HVAC-FAN 8005			AI Completed 6/12/2000			
7	CAT Procedures / Reports	030-6-009		Leak Test			AI Completed 8/21/2000			
7	CAT Procedures / Reports	046-001		GOV-/SOV/ZS-4039, 4045, 4046, 4047, 4057	3/14/00					
7	CAT Procedures / Reports	046-002		PWC-Bay Piping Flush, Hydro, Sensitive Test	3/14/00					
7	CAT Procedures / Reports	046-003		PWC-Room 132	8/18/00					
7	CAT Procedures / Reports	046-004		PWC Flex Hoses	3/14/00					
7	CAT Procedures / Reports	046-005		PWC-P-4035 Pump/Motor Testing	7/18/00					
7	CAT Procedures / Reports	046-006		PWC-P-4038 Pump/Motor Testing	7/18/00					
7	CAT Procedures / Reports	046-007		TTT-4044	3/14/00					
7	CAT Procedures / Reports	046-008		PIT-4038	3/14/00					
7	CAT Procedures / Reports	046-009		PIT-4031 (Refer to 046-025 For Retest)	3/14/00					
7	CAT Procedures / Reports	046-010		PIT-4054	3/14/00					
7	CAT Procedures / Reports	046-011		LIT-4033	3/14/00					
7	CAT Procedures / Reports	046-012		PCV-4042, -4056	3/14/00					
7	CAT Procedures / Reports	046-013		PDIT-4043	3/14/00					
7	CAT Procedures / Reports	046-014		LSH-4032, 4055, LSH-4034	3/14/00					
7	CAT Procedures / Reports	046-015		PWC-TH-4001 Hydrostatic Leak Test	3/14/00					
7	CAT Procedures / Reports	046-016		FIT-4037	3/14/00					
7	CAT Procedures / Reports	046-017		PDISH-4040	3/14/00					

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7	CAT Procedures / Reports	046-018		LT-4014 (REFER TO IC-046-029 FOR RETEST)	3/14/00					
7	CAT Procedures / Reports	046-019		LDE-4012	8/18/00					
7	CAT Procedures / Reports	046-020		LSH-4016	8/18/00					
7	CAT Procedures / Reports	046-021		Leak Test at Operational Pressure	7/18/00					
7	CAT Procedures / Reports	046-022		Process Water Conditioning	3/14/00					
7	CAT Procedures / Reports	046-023		VOID NUMBER NOT USED						
7	CAT Procedures / Reports	046-024		VOID NUMBER NOT USED						
7	CAT Procedures / Reports	046-025		PIT-4031 (Retest)	7/18/00					
7	CAT Procedures / Reports	046-026		PWC Leak Test (PCV-4042)	8/18/00					
7	CAT Procedures / Reports	046-027		PWC Skid Modification ECN 624793,660131	8/18/00					
7	CAT Procedures / Reports	046-028		LIT-4033 A,B (ECN-624793)	8/18/00					
7	CAT Procedures / Reports	046-029		LT-4014 (RETEST)	8/18/00					
7	CAT Procedures / Reports	046-030		Sensitive Leak Retest PWC-LIT-4033 A PWC-CKV-005 ECN 66149	9/3/00					
7	CAT Procedures / Reports	046-031		PWC Transfer Line Modification Bay 1 ECN 664796						
7	CAT Procedures / Reports	046-032		Leak Test PWC-QD-5020, PWC-503 Flex Hose SN 100827						
7	CAT Procedures / Reports	046-033		Flush, Hydro, Sensitive Leak Test PWC-QD-4020 & PWC-403-SS-1", SS Flex Hose SN 100828						
7	CAT Procedures / Reports	046-1320 Rev.1		PWC-P-4035	3/14/00					
7	CAT Procedures / Reports	046-1322 Rev.1		PWC-P-4036	3/14/00					
7	CAT Procedures / Reports	046-1330		PWC-P-4001	3/14/00					
7	CAT Procedures / Reports	046-1354		Manual Valves	3/14/00					
7	CAT Procedures / Reports	047-1-001		Bay 5 PIT-3508	3/11/00					
7	CAT Procedures / Reports	047-1-002		TIT-3512	3/11/00					
7	CAT Procedures / Reports	047-1-003		Bay 4 GOV-1414,-1415,-3401,3414	6/7/00					
7	CAT Procedures / Reports	047-1-004		Bay 5 GOV-1514,-1515,-3501,3514	2/2/00					
7	CAT Procedures / Reports	047-1-005		PIT-3408 Bay 4	6/7/00					
7	CAT Procedures / Reports	047-1-006		LSH-3506	3/11/00					
7	CAT Procedures / Reports	047-1-007		TIT-3513	3/11/00					
7	CAT Procedures / Reports	047-1-008		FIT-3416	6/7/00					
7	CAT Procedures / Reports	047-1-009		FIT-3516	3/11/00					
7	CAT Procedures / Reports	047-1-010		LIT-3404	6/7/00					
7	CAT Procedures / Reports	047-1-011		LIT-3504 (Refer to IC-047-1-025 For Retest)						
7	CAT Procedures / Reports	047-1-012		TIT-3405	6/7/00					
7	CAT Procedures / Reports	047-1-013		TIT-3505	3/11/00					
7	CAT Procedures / Reports	047-1-014		TIT-3413	6/7/00					
7	CAT Procedures / Reports	047-1-015		PCV-1513	3/11/00					
7	CAT Procedures / Reports	047-1-016		Number Not Used						
7	CAT Procedures / Reports	047-1-017		PCV-1413	6/7/00					
7	CAT Procedures / Reports	047-1-018		TIT-3412	6/7/00					
7	CAT Procedures / Reports	047-1-019		FI-1516,-1416	3/11/00					
7	CAT Procedures / Reports	047-1-020		TWP-P-3414	8/18/00					
7	CAT Procedures / Reports	047-1-021		TWP-P-3514	3/11/00					
7	CAT Procedures / Reports	047-1-022		LSH-3406	7/18/00					

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7	CAT Procedures / Reports	047-1-023		Bay 5 Tempered Water/SCR Testing	7/18/00					
7	CAT Procedures / Reports	047-1-024		Bay 4 Tempered Water/SCR Testing	8/7/00					
7	CAT Procedures / Reports	047-1-025		LIT 3504 Retest	7/18/00					
7	CAT Procedures / Reports	047-1-026		Bay 4 : TW-401 SS-1 1/2 Double Wall Flex Hose Lower Port Connector, Flange and Mid-Support Assy. Sensitive Leak Test	8/18/00					
7	CAT Procedures / Reports	047-1-027		Bay 5 : TW-501 SS-1 1/2 Double Wall Flex Hose Lower Port Connector, Flange and Mid-Support Assy. Sensitive Leak Test	8/18/00					
7	CAT Procedures / Reports	047-1-028		Bay 4: Sensitive Leak Test-TW-401-SS-1 1/2" Hose To Spool Piece 1 EA., Spool Piece to Hood 2 EA., Lg 1424 Spool Piece, TW-402-SS-1 1/2 " Hose to Hood Flange, LG 1425 Spool Pieces (SC)	7/18/00					
7	CAT Procedures / Reports	047-1-029		LSH-3406 (Retest)						
7	CAT Procedures / Reports	047-1-030		LSH-3506 (Retest /Replacement ECN 861504)						
7	CAT Procedures / Reports	047-1-031		Misc. ECN Retest Package						
7	CAT Procedures / Reports	047-1-032		Misc. ECN Retest Package						
7	CAT Procedures / Reports	047-1-033		Bay 4 Tempered Water/MCO BypassTesting ECN 658486						
7	CAT Procedures / Reports	047-1-034		Bay 5 Tempered Water/MCO BypassTesting ECN 658486						
7	CAT Procedures / Reports	047-1-035		Flush Hydro & Sensitive Leak Test of SE-PES-003 TW Jumper Piping System Bay 4 ECN 658486						
7	CAT Procedures / Reports	047-1-036		Flush Hydro & Sensitive Leak Test of SE-PES-003 TW Jumper Piping System Bay 5 ECN-658486						
7	CAT Procedures / Reports	047-1-2160/REV. 1		Bay 5: TW-P-3514	3/11/00					
7	CAT Procedures / Reports	047-1-2167		Wire Runs Bay 4	8/7/00					
7	CAT Procedures / Reports	047-1-2173/REV. 1		Bay 4: TW-P-3414	3/11/00					
7	CAT Procedures / Reports	047-1-2180		Wire Runs Bay 5			AI Test Completed 2/23/2000			
7	CAT Procedures / Reports	047-1-2915		Bay 4: Safety Relief Valves CA-SRV-1418, TW-SRV-3411	6/7/00					
7	CAT Procedures / Reports	047-2-001		System Flush/Hydro Pressure Test	7/18/00					
7	CAT Procedures / Reports	047-2-002		TWP-P-7055&TWC-P-7058	7/18/00					
7	CAT Procedures / Reports	047-2-003		PI-7052; 7057; 7061	3/11/00					
7	CAT Procedures / Reports	047-2-004		PT-7060	3/11/00					
7	CAT Procedures / Reports	047-2-005		PCV-7055	3/11/00					
7	CAT Procedures / Reports	047-2-007		TY/VV-7054	3/11/00					
7	CAT Procedures / Reports	047-2-008		TT-7054	3/11/00					
7	CAT Procedures / Reports	047-2-009		TT-7062	3/11/00					
7	CAT Procedures / Reports	047-2-010		Wire Runs 1761,1762,1763,1765, TWC-P-7055 & TWC-P-7058 Grounding	3/11/00					
7	CAT Procedures / Reports	047-2-011		Replacement SRV-7065	8/18/00					
7	CAT Procedures / Reports	047-2-012		TW-502-SS-1 1/2 Hydro/Sensitive Leak Test	7/18/00					
7	CAT Procedures / Reports	047-2-013		TW-402-SS-1 1/2 Hydro/Sensitive Leak Test						

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ABU Cate-gory	Document Category	Drawing / Document Number	Rev	Document Title	Document Issue Date	Submittal Reference	Notes	Accession No.	System No.	Operations Acceptance
7	CAT Procedures / Reports	047-2-014		Sensitive Leak Test TSH- 1428 Spool Piece Line (SC	8/18/00					
7	CAT Procedures / Reports	047-2-015		TW-401-SS-1 1/2	8/18/00					
7	CAT Procedures / Reports	047-2-016		TW-TK-3"13 HEPA Filter (ECN 659496)	8/18/00					
7	CAT Procedures / Reports	047-2-017		Retest PCV-7055	8/18/00					
7	CAT Procedures / Reports	047-2-017		Replace TWC-FIT-7053	8/18/00					
7	CAT Procedures / Reports	047-2-018		Replace With Rosemont PCV-7055 (ECN 661511)	8/18/00					
7	CAT Procedures / Reports	047-2-019		LEAK TEST PT-7060	9/3/00					
7	CAT Procedures / Reports	047-2-020		PT-7060 Replaced With Rosemont ECN 661546						
7	CAT Procedures / Reports	047-3-001		System Pressure Test & Flush	5/31/00					
7	CAT Procedures / Reports	047-3-001 (FAT)		FAT	8/7/00					
7	CAT Procedures / Reports	047-3-002		CHW-P-7030 & CHW-P-7040	3/1/00					
7	CAT Procedures / Reports	047-3-003		CHW-P-7002 & CHW-P-7012	3/1/00					
7	CAT Procedures / Reports	047-3-004		PI-7003,7004,7006,7008	3/1/00					
7	CAT Procedures / Reports	047-3-004		7031,7032,7013,7014,7016,7018,7041,7042	3/1/00					
7	CAT Procedures / Reports	047-3-005		PCV-7060-7061 (REFER TO 047-3-010 FOR RETEST)	3/1/00					
7	CAT Procedures / Reports	047-3-006		CHW In-Service Test	5/31/00					
7	CAT Procedures / Reports	047-3-007		TI-7005,7007,7015,7017	3/1/00					
7	CAT Procedures / Reports	047-3-008		FS-7002,7012,7035	3/1/00					
7	CAT Procedures / Reports	047-3-009		Wire Runs for all Bays/Chilled	5/31/00					
7	CAT Procedures / Reports	047-3-010		PCV-7060-7061 (Retest)	5/31/00					
7	CAT Procedures / Reports	047-3-011		Initial System/System Pressure Inservice Testing SRV-7050	5/31/00					
7	CAT Procedures / Reports	047-3-012		TV-8004 Inservice Testing	3/1/00					
7	CAT Procedures / Reports	047-3-013		CHW To PWC (ECN-659073)	8/18/00					
7	CAT Procedures / Reports	047-3-014		CHW-SRV-7001,7010 Modifications ECN 661240	8/18/00					
7	CAT Procedures / Reports	047-3-015		Leak Test CHW-SRN-7050	9/3/00					
7	CAT Procedures / Reports	047-4-001		System Flush & Hydrostatic Pressure Test	9/3/00					
7	CAT Procedures / Reports	047-4-002		PT-7076	3/11/00					
7	CAT Procedures / Reports	047-4-003		PT-7078 (RETEST ON PT-7079 REFER TO 047-4-008)	3/1/00					
7	CAT Procedures / Reports	047-4-004		TT-7077	3/11/00					
7	CAT Procedures / Reports	047-4-005		TT-7080	3/11/00					
7	CAT Procedures / Reports	047-4-006		Number Not Used						
7	CAT Procedures / Reports	047-4-007		Wire Runs 1766,1767,1768,1769,1770 & 608	3/11/00					
7	CAT Procedures / Reports	047-4-008		PT-7076 Retest	7/18/00					
7	CAT Procedures / Reports	047-4-009		PT-7079 (RETEST ON PT-7079 REFER TO 047-4-012)	7/18/00					
7	CAT Procedures / Reports	047-4-010		PI7082	7/18/00					
7	CAT Procedures / Reports	047-4-011		PCV-7075	7/18/00					
7	CAT Procedures / Reports	047-4-012		PT-7079 REPLACEMENT	7/18/00					
7	CAT Procedures / Reports	047-4-013		Cable Runs 732	7/18/00					
7	CAT Procedures / Reports	047-4-014		Modifications to VPSCHW ECN 661409	8/18/00					
7	CAT Procedures / Reports	047-4-015		PT-7079 Replaced With Rosemont (ECN-661409)	8/18/00					

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7	CAT Procedures / Reports	047-4-016		Replace VPSCHW-FIT-7078	8/18/00					
7	CAT Procedures / Reports	047-4-017		FI-7078 Replaced With Rosemont	8/18/00					
7	CAT Procedures / Reports	047-4-018		Leak Test SRV	9/3/00					
7	CAT Procedures / Reports	050-1-001		Stack Sample Lines	5/25/00					
7	CAT Procedures / Reports	050-1-002		RI-6801 Alpa Micro	7/12/00					
7	CAT Procedures / Reports	050-1-003		RI-6802 Beta Micro	7/12/00					
7	CAT Procedures / Reports	050-1-004		RI-6803 Gamma (I-129)	7/12/00					
7	CAT Procedures / Reports	050-1-005		FI-6702 Record Sample Flow Rate	5/25/00					
7	CAT Procedures / Reports	050-1-006		FI-6001 Stack Flow Rate	5/25/00					
7	CAT Procedures / Reports	050-1-007		FI-6703 Monitor Sampler Flow Rate	5/25/00				5.2	
7	CAT Procedures / Reports	050-1-008		TI-6002 Stack Effluent Temp.	5/25/00					
7	CAT Procedures / Reports	050-1-009		TI-6602 Sample Flow Temp.	5/25/00					
7	CAT Procedures / Reports	050-1-010		XA-6805 Monitoring System Failure Alarm RA-6804 Hi Rad Alarm	5/25/00				5.2	
7	CAT Procedures / Reports	050-1-011		Vendor Functional Test (GEMS-100-V3)	5/25/00					
7	CAT Procedures / Reports	050-1-012		TI-6802 (RETEST)	8/18/00					
7	CAT Procedures / Reports	093-1-001		MSC Test Data						
7	CAT Procedures / Reports	093-1-002		MSC Status Panels Test					93.1	
7	CAT Procedures / Reports	093-2-001		SCIC Seismic Monitoring Wire Continuity	4/12/00				93.2	
7	CAT Procedures / Reports	093-2-2506		Bay 4 Filled to SCIC Cables Runs:5005,5008,5012 ,5013,5015,5022,5023,5028,5029,5030,5031	1/17/00				93.2	
7	CAT Procedures / Reports	093-2-2543		Bay 4: SCIC to Cable Runs: Wire Run 5004,5006,5021,5007	1/17/00				93.2	
7	CAT Procedures / Reports	093-2-2654		Bay 5: Field to SCIC Cables Runs : Runs:5000,5001,5002 5003,5033,5036,5040, 5042,5049,5054,5055	1/17/00				93.2	
7	CAT Procedures / Reports	093-2-2691		Bay 5: SCIC to MCS Cables Run : Wire Runs: 5032,5034,5048,5039	1/17/00				93.2	
7	CAT Procedures / Reports	093-2-3108		Bay 4: SCIC to Control Room Cables Run:5010,5025	1/17/00				93.2	
7	CAT Procedures / Reports	093-2-3118		Bay 5: Field to SCIC Cables Runs: 5038,5052	1/17/00				93.2	
7	CAT Procedures / Reports	093-2-3120		Bay 5: SCIC to Bay 4 Cable Runs	1/17/00				93.2	
7	CAT Procedures / Reports	093-2-3325		SCIC to MCS RS-485 Cables	7/18/00				93.2	
7	CAT Procedures / Reports	093-2-3640		Bay 5: SCIC to MCS Cables	1/17/00				93.2	
7	CAT Procedures / Reports	093-2-3641		Bay 4: Wire Runs 5004 & 5021	1/17/00					
7	CAT Procedures / Reports	HTTRC-001		Bay 4 Heat Trace & Controllers TC- 8421,8422,8423,8424,8425,8426,8427,8428			Test Complete 1/11/2000			
7	CAT Procedures / Reports	HTTRC-002		Bay 5 Heat Trace & Controllers TC- 8521,8522,8523,8524,8525,8526,8527,8528			Test Complete 1/11/2000			
7	CAT Procedures / Reports	Misc.		Factory Acceptance Test: Bay 4/5: Process Hood						
7	CAT Procedures / Reports	N/A								
8	PAT Procedure(s)/Reports	SNF-441-PAT-005-01		Health Protection (HP).			Not Required. HP equipment will be tested under the control of construction forces.	Not in RMIS		

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8	PAT Procedure(s)/Reports	SNF-441-PAT-005-02		O2 Monitoring (AO).			Not Required. O2 monitoring will be tested under the control of construction forces.	Not in RMIS	5.2	
8	PAT Procedure(s)/Reports	SNF-441-PAT-006		Telescoping Doors/Rollup (Facility Buildings)			Not Required. The telescoping/rollup doors will be tested under the control of construction forces.	Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-011		Communication/HLAN			Not Required. The communications/HLAN system will be tested by US West.	Not in RMIS	11	
8	PAT Procedure(s)/Reports	SNF-441-PAT-012	2	Compressed Air/Instrument Air (CA/IA) Procedure	01/18/00			Not in RMIS	12	
8	PAT Procedure(s)/Reports	SNF-441-PAT-018		Drainage Systems Procedure			Drainage systems will be tested asa part of the Fire Protection System ATP.	Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-020-1		Electrical Power Distribution & Misc.			Not Required. This system will be tested with other systems. A specific PAT is not required.	Not in RMIS	20.1	
8	PAT Procedure(s)/Reports	SNF-441-PAT-020-4		UPS			Not Required. The UPS will be tested by construction forces/vendor.	Not in RMIS	20.4	
8	PAT Procedure(s)/Reports	SNF-441-PAT-020-6	1	Diesel Generator DG-1	07/24/00		Not Required. The fire alarm system will be covered by an ATP.	Not in RMIS	24	
8	PAT Procedure(s)/Reports	SNF-441-PAT-024		Fire Protection/Detection			Not Required. The DI system is a vendor supplied unit that will be tested under the control of construction forces.	Not in RMIS	25	
8	PAT Procedure(s)/Reports	SNF-441-PAT-025		De-Ionized Water (DI)			Not Required. The potable water system will be tested under the control of construction forces.	Not in RMIS	26	
8	PAT Procedure(s)/Reports	SNF-441-PAT-026		Potable Water			Not required. The Sewage system will be tested under the control of construction forces.	Not in RMIS	27	
8	PAT Procedure(s)/Reports	SNF-441-TRP-027	draft	Sewage Water System (SANS)			Not required. The Admin HVAC system will be tested under the control of construction forces.	Not in RMIS	30.1	
8	PAT Procedure(s)/Reports	SNF-441-PAT-030-1		HVAC-A Admin. Bldg.				Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-030-2A		HVAC supply/exhaust/recirc.				Not in RMIS	30	
8	PAT Procedure(s)/Reports	SNF-441-PAT-030-2B		HVAC Integrated				Not in RMIS	30	
8	PAT Procedure(s)/Reports	SNF-441-PAT-030-5		Reference Air System			Not required. The RA system will be tested under SNF-441-PAT-030-2B.	Not in RMIS	30.5	
8	PAT Procedure(s)/Reports	SNF-441-PAT-047-3		Chilled Water				Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-047-4		Vacuum Purge System Chilled Water (VPSCHW)				Not in RMIS	7.1	
8	PAT Procedure(s)/Reports	SNF-441-PAT-054/55		Security.			Not required. The security system will be tested using an ATP.	Not in RMIS	54	
8	PAT Procedure(s)/Reports	SNF-441-PAT-007-1A		Vacuum Pumping System			No PAT required.	Not in RMIS	7.1	
8	PAT Procedure(s)/Reports	SNF-441-PAT-007-1B		Dual Bay PAT				Not in RMIS	7.1	
8	PAT Procedure(s)/Reports	SNF-441-PAT-007-3	0	Vacuum Pumping System, Bay 4	03/15/00		No PAT required.	Not in RMIS	7.1	

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8	PAT Procedure(s)/Reports	SNF-441-PAT-007-3A	0	Vacuum Pumping System, Bay 5	03/15/00		No PAT required.	Not in RMIS	7.1	
8	PAT Procedure(s)/Reports	SNF-441-PAT-007-7	0	Simulated MCO Processing Bay 4	03/15/00			Not in RMIS	94	
8	PAT Procedure(s)/Reports	SNF-441-PAT-007-8	0	Simulated MCO Processing Bay 5	03/15/00			Not in RMIS	94	
8	PAT Procedure(s)/Reports	SNF-441-PAT-007-11		Communications/HLAN	01/18/00		Completed as a CAT.	Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-007-12	2	Compressed Air/Instrument Air (CAIA)	01/18/00			Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0013-1		Helium			Not required. The Helium system will be tested with the Safety Class Helium system.	Not in RMIS	13	
8	PAT Procedure(s)/Reports	SNF-441-PAT-0013-2B	0	Safety Class Helium Bay 4	11/10/99			Not in RMIS	13.2	
8	PAT Procedure(s)/Reports	SNF-441-PAT-0013-2C	0	Safety Class Helium Bay 5	11/10/99			Not in RMIS	13.2	
8	PAT Procedure(s)/Reports	SNF-441-PAT-0014		Cranes/Hoists			Not Required. The cranes system will be tested under the control of construction forces.	Not in RMIS	14	
8	PAT Procedure(s)/Reports	SNF-441-PAT-0020-5		Heat Trace				Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0030-1		HVAC-A, Admin Building				Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0030-2A	0	HVAC-B Process Bay Recirc Supply and Exhaust	08/11/00			Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0030-2B	0	HVAC Integrated	08/28/00			Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0030-3A		HVAC-C, Process Bay Local Exhaust				Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0030-3B-1	0	HVAC-C, Process Bay Local Exhaust Process Bay Hood 2	10/18/99			Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0030-3B-2	0	HVAC-C, Process Bay Local Exhaust Process Hood Bays 3, 4, 5	10/18/99			Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0030-4		General Supply & Exhaust				Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0046		Process Water Conditioning, Contaminate Water Sampling and Analysis, and Rad Effluent Handling Disposal			Not Required. Covered by SNF-441-PAT-007-7 and SNF-441-PAT-007-8	Not in RMIS	18	
8	PAT Procedure(s)/Reports	SNF-441-PAT-0047-1		Tempered Water (Annulus) (TW).			No PAT required.	Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0047-2		Tempered Water Cooling (TWC).			No PAT required.	Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0047-3	1	Chilled Water	03/16/00			Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0047-4	0	Vacuum Pumping System Chilled Water (VPSCHW)	03/15/99			Not in RMIS		
8	PAT Procedure(s)/Reports	SNF-441-PAT-0050-1	0	Stack Monitoring (SM), Phase 1	07/15/00			Not in RMIS	50	
8	PAT Procedure(s)/Reports	SNF-441-PAT-0050-2	0	Stack Monitoring (SM), Phase 2	09/07/00			Not in RMIS	50	
8	PAT Procedure(s)/Reports	SNF-441-PAT-0093-1	0	Monitoring and Control Systems (MCS)	02/14/00			Not in RMIS	93.1	
8	PAT Procedure(s)/Reports	SNF-441-TRP-0093-2	0	SCIC Summary Test Report	12/30/99			Not in RMIS		
8	Test Summary Reports			Health Protection (HP).			In Progress.			
8	Test Summary Reports			O2 Monitoring (RM).			In Progress.			
8	Test Summary Reports			Telescoping Doors/Rollup (Facility Buildings)			In Progress.			
8	Test Summary Reports			Vacuum Pumping System (VPS)			In Progress.			
8	Test Summary Reports			MCO Processing			In Progress.			

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8	Test Summary Reports			Communication HLAN			In Progress.			
8	Test Summary Reports			Compressed Air/Instrument Air (CAIA)			In Progress.			
8	Test Summary Reports			Helium			In Progress.			
8	Test Summary Reports			Safety Class Helium (SCHe) Bay 4			In Progress.			
8	Test Summary Reports			Safety Class Helium (SCHe) Bay 5			In Progress.			
8	Test Summary Reports			Cranes/Hoists			In Progress.			
8	Test Summary Reports			Drainage Systems			In Progress.			
8	Test Summary Reports			Electrical Power Distribution & Misc.			In Progress.			
8	Test Summary Reports			UPS			In Progress.			
8	Test Summary Reports			Heat Trace			In Progress.			
8	Test Summary Reports			Fire Protection/Detection			In Progress.			
8	Test Summary Reports			De-ionized Water (DI)			In Progress.			
8	Test Summary Reports			Potable Water			In Progress.			
8	Test Summary Reports			Sewage Water System (SANS)			In Progress.			
8	Test Summary Reports			HVAC-A Admin Bldg.			In Progress.			
8	Test Summary Reports			HVAC-B Process Bay Supply & Recirc. Process Bay Local Exhaust & Proc. Vent, Proc. Gen. Supply & Exhaust HVAC			In Progress.			
8	Test Summary Reports			HVAC integrated			In Progress.			
8	Test Summary Reports			HVAC-C Process Bay Local Exhaust Process Hood Bay 4			In Progress.			
8	Test Summary Reports			HVAC-C Process Bay Local Exhaust Process Hood Bay 5			In Progress.			
8	Test Summary Reports			Reference Air System			In Progress.			
8	Test Summary Reports			Process Water Conditioning, Contaminate Water Sampling and Analysis, and Rad Effluent Handling Disposal			In Progress.			
8	Test Summary Reports			Tempered Water (Annulus) (TW).			In Progress.			
8	Test Summary Reports			Tempered Water Cooling (TWC).			In Progress.			
8	Test Summary Reports			Chilled Water			In Progress.			
8	Test Summary Reports			Vacuum Pumping System Chilled Water (VPSCHW)			In Progress.			
8	Test Summary Reports			Slack Monitoring (SM) Phase I			In Progress.			
8	Test Summary Reports			Slack Monitoring (SM) Phase II			In Progress.			
8	Test Summary Reports			Monitoring and Control Systems (MCS)			In Progress.			
8	Test Summary Reports			Safety Class Instrumentation (SCI&C) Bay 4			In Progress.			
8	Test Summary Reports			Safety Class Instrumentation (SCI&C) Bay 5			In Progress.			
8	Test Summary Reports			Diesel Generator Standby Power			In Progress.			
8	Test Summary Reports			Loss of Site Power			In Progress.			
9	Environmental Impact Statement	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Environmental Permit	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Solid Waste Disposal Plan/Procedure	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Supporting Calculation	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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13	Stress / Design Report	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Design Spec/Report	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Procurement Specifications	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	Construction Specification	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	Final Design Drawings	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18	Master Equipment List	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	As-Built Drawings	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Piping and Instrumentation Drawings (P&ID)	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21	Drawing Tree	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	Interface Control Documents	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	Software Configuration Management Plan	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24	System Requirements Specification	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	Software Design Description	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	Software Verification and Validation	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	Software User Manual	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	Training Plan	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Training Manuals	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	Training to Operating Crews	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	Training to Maintenance Crews	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	Operations and Maintenance Manuals - found in VI files	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	Operating Procedures	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34	Surveillance Procedures	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Calibration Procedures	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
36	Preventative Maintenance Procedures	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
37	Repair/Maintenance Procedures	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
38	Functional Check Procedures	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	PMS System (Preventative Maintenance Data Sheets	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	Inspection Plans	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
41	QA Program Plan	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	Vendor Information Files	N/A to this category	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
43	Comprehensive Equipment List	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	Spare Parts List	N/A to this section	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A