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Status of
Special Reactor Process Tube Loadings
December 1, 1967

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R. P. Walton

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December 8, 1967

STATUS OF SPECIAL REACTOR-PROCESS TUBE LOADINGS

DECEMBER 1, 1967

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STATUS OF SPECIAL REACTOR PROCESS TUBE LOADINGS
DECEMBER 1, 1967

The attached pages show the status of production test control tube loadings in reactor process tubes containing significant amounts of SS materials.

Jargon employed is explained below:

Goal Basis

- 00 - Specific goal set by the P.T.
- 02 - To be discharged at the discretion of the P.T. author.
- 03 - Fixed goal for production fuel elements.
- 09 - Variable goal for production fuel elements.

Fuel Identification

A descriptive number assigned to each charge; may be lot number, series number or a combination of these numbers.

Tube Factor

Relative tube power calculated as follows:

$$\text{Tube Factor} = \frac{\text{Power of the tube in question}}{\text{Power of the average tube}}$$

$$\text{where power of the avg. tube} = \frac{\text{Reactor power level}}{\text{Total number of power production tubes.}}$$

Charge Class

A code number which specifies the type loading (See Table I).

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CHARGE CLASS DEFINITIONS

FW = Factor Weight

Single Pass Reactors

FIRST DIGIT

FIRST DIGIT										
		Spec. Depl. U	Natural U		94 Metal		125, 210 Metal	Inactive		
		ALSI	ALSI	Hot Die Size	Hot Die Size	ALSI		Thorium	Li-Al	Other
		1	2	3	4	5	6	7	8	9
S E C O N D I G I T	1	Spec. Depleted Smooth	One FW Smooth	One FW Smooth	One FW Smooth	One FW Smooth		Thorium Oxide Fringe Loading	Virgin Enriched LiAl I&E	Blank Channel
	2		Two FW Smooth	Two FW Smooth	Two FW Smooth	Two FW Smooth		Thorium Oxide Core Loading	Recycled Enriched LiAl I&E	Blank Tube
	3	Spec. Depleted Self Sup.	One FW Self Sup.	One FW Self Sup.	One FW Self Sup.	One FW Self Sup.	Self Sup.		Virgin Enriched LiAl Solid	Water
	4		One FW Bumpered	One FW Bumpered	One FW Bumpered	One FW Bumpered			Recycle Enriched LiAl Solid	Dummy
	5	DIS- S- E- E	Two FW Minority Enriched	Two FW Minority Enriched	Two FW Incl. Nat. Mixer Smooth	Two FW Incl. Nat. Mixer Smooth				Lead Cadmium
	6		Two FW Bumpered	Two FW Bumpered	Two FW Incl. Nat. Mixer Bumpered	Two FW Incl. Nat. Mixer Bumpered			Neptunium	Bismuth
	7		Two FW Bumpered & Smooth	Two FW Bumpered & Smooth	Two FW Incl. Nat. Mixer Bump.& Sm.	Two FW Inc. Nat. Mixer Bump.& Sm.				
	8									Graphite
	9	Special Depleted PT	Overbore	Overbore					LiAl and Special	Special

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
0582 B	069A 00	KZ041T	8 2 67 8346	11 17 67 8453	0.939 47.2	600 101	607	27	31 1	7.42 5.36
1078 B	069A 00	KZ036T	8 2 67 8346	11 17 67 8453	1.209 56.1	1200 84	1011	24	24	7.42
1280 B	069A 00	KZ032T	8 2 67 8346	11 17 67 8453	1.285 50.9	900 91	816	27	31 1	7.42 5.36
1380 B	069A 00	KZ034T	8 2 67 8346	11 17 67 8453	1.287 51.3	900 92	827	27	31 1	7.42 5.36
1066 B	011 03	DZ563	10 18 67 8423		1.261 49.6	575 80	458	36	31 1	7.84 5.36
1070 B	011 03	DZ561	10 18 67 8423		1.226 51.3	575 78	450	36	31 1	7.84 5.36
1076 B	011 03	KZ077	10 18 67 8423		1.204 52.0	575 80	458	26	31 1	7.42 5.36
1080 B	011 03	DZ559	10 18 67 8423		1.245 51.5	575 78	450	36	31 1	7.84 5.36
1081 B	011 03	DZ562	10 18 67 8423		1.259 52.3	575 79	456	36	31 1	7.84 5.36
1082 B	011 03	KZ075	10 18 67 8423		1.169 49.8	575 78	446	26	31 1	7.42 5.36
1083 B	011 03	KZ076	10 18 67 8423		1.189 49.9	575 79	454	26	31 1	7.42 5.36
1085 B	011 03	DZ560	10 18 67 8423		1.187 49.1	575 75	428	36	31 1	7.84 5.36
1086 B	011 03	KZ073	10 18 67 8423		1.145 49.8	575 76	435	26	31 1	7.42 5.36

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TUBE NO	PT NO □GOAL BASIS	FUEL IDENT	CHARGE DATE □HAPO	DISCHG DATE □HAPO	TUBE FACT □FLOW	GOAL, MWD/T □%GR	CUR EXP MWD/T	CHARGE CLASS	PC1 □PC2	WT1 □WT2
1087 B	011 03	KZ074	10 18 67 8423		1.119 52.3	575 74	425	26	31 1	7.42 5.36
1162 B	057 03	Z06T	7 10 67 8323		1.269 49.6	1400 86	1202	26	31 1	7.42 5.36
1166 B	057 03	Z97S	7 10 67 8323		1.343 51.8	1400 92	1287	26	31 1	7.42 5.36
1182 B	057 03	Z95S	7 10 67 8323		1.277 51.1	1400 87	1223	26	31 1	7.42 5.36
1187 B	057 03	Z04T	7 10 67 8323		1.189 49.2	1400 84	1174	26	31 1	7.42 5.36
1361 B	057 03	Z88S	7 10 67 8323		1.272 49.4	1400 86	1209	26	31 1	7.42 5.36
1365 B	057 03	Z99S	7 10 67 8323		1.323 50.2	1400 90	1264	26	31 1	7.42 5.36
1366 B	057 03	Z01T	7 10 67 8323		1.328 50.1	1400 91	1275	26	31 1	7.42 5.36
1367 B	057 03	Z91S	7 10 67 8323		1.303 51.1	1400 90	1256	26	31 1	7.42 5.36
1369 B	057 03	Z92S	7 10 67 8323		1.283 50.3	1400 90	1254	26	31 1	7.42 5.36
1382 B	057 03	Z02T	7 10 67 8323		1.293 51.4	1400 89	1246	26	31 1	7.42 5.36
1559 B	057 03	Z89S	7 10 67 8323		1.150 48.6	1400 80	1114	26	31 1	7.42 5.36
1567 B	057 03	Z90S	7 10 67 8323		1.268 50.4	1400 87	1222	26	31 1	7.42 5.36

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TUBE NO	PT NO □GOAL BASIS	FUEL IDENT	CHARGE DATE □HAPO	DISCHG DATE □HAPO	TUBE FACT □FLOW	GOAL, MWD/T □%GR	CUR EXP MWD/T	CHARGE CLASS	PC1 □PC2	WT1 □WT2
1569 B	057 03	Z87S	7 10 67 8323		1.262 50.8	1400 89	1239	26	31 1	7.42 5.36
1582 B	057 03	Z98S	7 10 67 8323		1.240 48.5	1400 88	1232	26	31 1	7.42 5.36
1584 B	057 03	Z05T	7 10 67 8323		1.319 50.7	1400 89	1244	26	31 1	7.42 5.36
1585 B	057 03	Z93S	7 10 67 8323		1.266 49.0	1400 87	1217	26	31 1	7.42 5.36
1586 B	057 03	Z07T	7 10 67 8323		1.281 49.9	1400 88	1231	26	31 1	7.42 5.36
1778 B	057 03	Z96S	7 10 67 8323		1.226 49.7	1400 86	1206	26	31 1	7.42 5.36
1787 B	057 03	Z03T	7 10 67 8323		1.262 52.8	1400 88	1224	26	31 1	7.42 5.36
1979 B	057 03	Z94S	7 10 67 8323		1.241 50.0	1400 86	1200	26	31 1	7.42 5.36
1278 B	069A 00	KZ037T	8 2 67 8346		1.220 54.9	1500 91	1366	24	24	7.42
1279 B	069A 00	KZ038T	8 2 67 8346		1.213 55.4	1800 75	1355	24	24	7.42
1378 B	069A 00	KZ040T	8 2 67 8346		1.134 52.0	1500 89	1333	24	24	7.42
1379 B	069A 00	KZ039T	8 2 67 8346		1.194 55.6	1800 75	1346	24	24	7.42
0669 C	084 00	J30U	9 24 67 8399	10 27 67 8432	1.097 53.1	350 77	268	24	32	7.36

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TUBE NO	PT NO □GOAL BASIS	FUEL IDENT	CHARGE DATE □HAPO	DISCHG DATE □HAPO	TUBE FACT □FLOW	GOAL, MWD/T □%GR	CUR EXP MWD/T	CHARGE CLASS	PC1 □PC2	WT1 □WT2
0683 C	084 00	J31U	9 24 67 8399	10 27 67 8432	1.075 52.2	350 75	263	24	32	7.36
1262 C	084 00	J23U	9 24 67 8399	10 27 67 8432	1.112 52.2	350 78	271	24	32	7.36
1584 C	084 00	J32U	9 24 67 8399	10 27 67 8432	1.145 52.2	350 80	281	24	32	7.36
1866 C	084 00	J36U	9 24 67 8399	10 27 67 8432	1.052 52.7	350 76	264	24	32	7.36
2283 C	084 00	J20U	9 24 67 8399	10 27 67 8432	1.088 50.9	350 76	265	24	32	7.36
2462 C	084 00	J42U	9 24 67 8399	11 8 67 8444	1.091 52.6	1750 17	288	24	32	7.36
2586 C	084 00	J18U	9 24 67 8399	10 27 67 8432	1.111 51.6	350 78	271	24	32	7.36
2659 C	084 00	J13U	9 24 67 8399	10 27 67 8432	1.091 51.8	350 77	269	24	32	7.36
2660 C	011 03	AJ553	9 24 67 8399		1.142 51.8	1450 31	451	36	31 1	8.00 5.29
2664 C	011 03	AJ554	9 24 67 8399		1.113 50.7	1450 30	432	36	31 1	8.00 5.29
2665 C	011 03	CJ032	9 24 67 8399		1.057 50.5	1450 31	446	26	31 1	7.36 5.29
2666 C	011 03	AJ555	9 24 67 8399		1.113 50.9	1450 30	431	36	31 1	8.00 5.29
2670 C	011 03	CJ033	9 24 67 8399		1.109 50.5	1450 32	467	26	31 1	7.36 5.29

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
2679 C	011 03	CJ039	9 24 67 8399		1.138 53.3	1450 33	479	26	31 1	7.36 5.29
2681 C	011 03	AJ556	9 24 67 8399		1.191 53.8	1450 32	468	36	31 1	8.00 5.29
2685 C	011 03	CJ040	9 24 67 8399		1.146 53.1	1450 33	482	26	31 1	7.36 5.29
2686 C	011 03	AJ557	9 24 67 8399		1.201 52.4	1450 32	468	36	31 1	8.00 5.29
2687 C	011 03	CJ041	9 24 67 8399		1.145 52.7	1450 34	488	26	31 1	7.36 5.29
0669 C	084 00	J66W	10 27 67 8432		1.055 52.6	1400 14	194	24	32	7.36
0683 C	084 00	J59W	10 27 67 8432		0.952 51.6	1400 13	177	24	32	7.36
0883 C	084 00	J26U	9 24 67 8399		1.058 52.2	700 67	465	24	32	7.36
0887 C	084 00	J25U	9 24 67 8399		1.035 52.0	1750 26	447	24	32	7.36
0984 C	084 00	J27U	9 24 67 8399		1.079 52.4	2000 23	467	24	32	7.36
1059 C	084 00	J22U	9 24 67 8399		1.118 51.6	700 65	458	24	32	7.36
1064 C	084 00	J24U	9 24 67 8399		1.142 50.7	1750 27	477	24	32	7.36
1068 C	084 00	J34U	9 24 67 8399		1.122 51.1	2000 24	482	24	32	7.36

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
1081 C	084 00	J35U	9 24 67 8399		1.091 52.0	2000 24	480	24	32	7.36
1262 C	084 00	J63W	10 27 67 8432		1.130 51.8	1400 15	207	24	32	7.36
1269 C	084 00	J29U	9 24 67 8399		1.093 50.5	700 67	466	24	32	7.36
1284 C	084 00	J47U	9 24 67 8399		1.118 51.1	2000 24	471	24	32	7.36
1584 C	084 00	J62W	10 27 67 8432		1.138 51.8	1400 15	209	24	32	7.36
1658 C	084 00	J28U	9 24 67 8399		1.132 52.2	1750 26	458	24	32	7.36
1863 C	084 00	J09U	9 24 67 8399		1.074 50.5	2000 23	456	24	32	7.36
1866 C	084 00	J61W	10 27 67 8432		1.094 52.6	1400 14	200	24	32	7.36
1880 C	084 00	J33U	9 24 67 8399		1.105 51.6	700 67	469	24	32	7.36
1984 C	084 00	J45U	9 24 67 8399		1.213 53.1	1750 29	498	24	32	7.36
2062 C	084 00	J10U	9 24 67 8399		1.181 52.6	700 70	489	24	32	7.36
2083 C	084 00	J46U	9 24 67 8399		1.166 52.7	2000 24	488	24	32	7.36
2184 C	084 00	J19U	9 24 67 8399		1.189 52.6	2000 25	492	24	32	7.36

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TUBE NO	PT NO □GOAL BASIS	FUEL IDENT	CHARGE DATE □HAPO	DISCHG DATE □HAPO	TUBE FACT □FLOW	GOAL, MWD/T □%GR	CUR EXP MWD/T	CHARGE CLASS	PC1 □PC2	WT1 □WT2
2261 C	084 00	J21U	9 24 67 8399		1.154 51.6	2000 24	480	24	32	7.36
2283 C	084 00	J60W	10 27 67 8432		1.102 50.9	1400 14	202	24	32	7.36
2382 C	084 00	J08U	9 24 67 8399		1.147 52.4	700 68	474	24	32	7.36
2466 C	084 00	J41U	9 24 67 8399		1.149 50.9	2000 24	479	24	32	7.36
2479 C	084 00	J16U	9 24 67 8399		1.006 47.3	1750 26	449	24	32	7.36
2480 C	084 00	J15U	9 24 67 8399		1.143 52.0	2000 24	480	24	32	7.36
2580 C	084 00	J37U	9 24 67 8399		1.151 51.8	2000 24	481	24	32	7.36
2581 C	084 00	J43U	9 24 67 8399		1.167 52.0	2000 25	489	24	32	7.36
2586 C	084 00	J65W	10 27 67 8432		1.122 51.8	1400 15	206	24	32	7.36
2589 C	084 00	J17U	9 24 67 8399		1.120 53.5	700 70	486	24	32	7.36
2659 C	084 00	J64W	10 27 67 8432		1.073 51.4	1400 14	197	24	32	7.36
2668 C	084 00	J44U	9 24 67 8399		1.073 50.5	700 64	450	24	32	7.36
2669 C	084 00	J39U	9 24 67 8399		1.146 51.8	1750 27	477	24	32	7.36

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
2683 C	084 00	J38U	9 24 67 8399		1.183 51.6	1750 28	492	24	32	7.36
3283 C	084 00	J11U	9 24 67 8399		1.192 52.0	2000 24	483	24	32	7.36
3288 C	084 00	J40U	9 24 67 8399		1.133 52.9	2000 24	486	24	32	7.36
3865 C	084 00	J14U	9 24 67 8399		1.101 51.2	2000 24	479	24	32	7.36
3887 C	084 00	J12U	9 24 67 8399		1.102 53.1	2000 24	477	24	32	7.36
4575 E	008A 09	KV509D	9 18 67 8393	11 22 67 8458	1.155 70.0	650 80	520	23	38	7.86
4351 E	011 03	KV092D	9 18 67 8393	11 22 67 8458	1.198 71.3	650 82	534	23	38	7.86
4352 E	011 03	KV096D	9 18 67 8393	11 22 67 8458	1.244 74.6	650 86	558	23	38	7.86
4548 E	011 03	KV090D	9 18 67 8393	11 22 67 8458	1.126 76.3	650 77	500	23	38	7.86
4551 E	011 03	KV088D	9 18 67 8393	11 22 67 8458	1.250 74.4	650 87	562	23	38	7.86
4559 E	011 03	KV091D	9 18 67 8393	11 22 67 8458	1.267 77.7	650 85	549	23	38	7.86
4562 E	011 03	KV089D	9 18 67 3393	11 22 67 8458	1.202 73.2	650 83	538	23	38	7.86

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
4568 E	011 03	KV094D	9 18 67 8393	11 22 67 8458	1.196 73.4	650 82	531	23	38	7.86
4587 E	011 03	KV095D	9 18 67 8393	11 22 67 8458	1.165 71.4	650 82	532	23	38	7.86
4589 E	011 03	KV093D	9 18 67 8393	11 22 67 8458	1.213 74.7	650 85	549	23	38	7.86
4592 E	011 03	KV097D	9 18 67 8393	11 22 67 8458	1.048 74.1	650 72	467	23	38	7.86
5351 E	012 09	KG348D	7 25 67 8338	11 22 67 8458	1.178 80.9	VAR 103	1205	53	46	5.50
4553 E	048 00	DP11R	2 13 67 8176	11 22 67 8458	0.909 72.5	1500 110	1653	13	38	7.86
2654 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.229 75.1	VAR 92	866	53	35	5.50
2655 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.244 75.4	VAR 93	871	53	35	5.50
2656 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.082 74.6	VAR 86	980	53	27	5.50
2658 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.119 75.8	VAR 89	1000	53	27	5.50
2660 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.187 74.2	VAR 80	815	53	35	5.50
2661 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.223 74.7	VAR 84	832	53	35	5.50
2754 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.222 76.4	VAR 88	860	53	35	5.50

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TUBE NO	PT NO □GOAL BASIS	FUEL IDENT	CHARGE DATE □HAPO	DISCHG DATE □HAPO	TUBE FACT □FLOW	GOAL, MWD/T □%GR	CUR EXP MWD/T	CHARGE CLASS	PC1 □PC2	WT1 □WT2
2756 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.153 77.4	VAR 94	1037	53	27	5.50
2757 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.138 75.8	VAR 93	1021	53	27	5.50
2758 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.143 78.4	VAR 90	1019	53	27	5.50
2759 E	063 00	NEPT	5 26 67 8278	11 22 67 8458	1.102 21.1		225	86	IN 12	39.6
2760 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.069 73.4	VAR 82	948	53	27	5.50
2854 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.256 75.3	VAR 95	874	53	35	5.50
2855 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.130 74.4	VAR 94	1017	53	27	5.50
2856 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.166 74.6	VAR 100	1044	53	27	5.50
2858 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.109 77.1	VAR 85	991	53	27	5.50
2859 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.147 76.4	VAR 91	1018	53	27	5.50
2860 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.126 74.7	VAR 90	1000	53	27	5.50
2861 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.274 75.8	VAR 90	862	53	35	5.50
2954 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.278 76.6	VAR 94	883	53	35	5.50

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TUBE NO	PT NO □GOAL BASIS	FUEL IDENT	CHARGE DATE □HAPO	DISCHG DATE □HAPO	TUBE FACT □FLOW	GOAL, MWD/T □%GR	CUR EXP MWD/T	CHARGE CLASS	PC1 □PC2	WT1 □WT2
2959 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.139 77.1	VAR 88	1004	53	27	5.50
2961 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.245 74.1	VAR 88	843	53	35	5.50
3054 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.277 77.7	VAR 91	881	53	35	5.50
3061 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.236 74.4	VAR 84	830	53	35	5.50
3154 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.214 75.6	VAR 83	832	53	35	5.50
3156 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.167 78.1	VAR 92	1028	53	27	5.50
3157 E	063 00	NEPT	10 10 67 8415	11 22 67 8458	1.173 21.5		56	86	IN 8	39.6
3158 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.165 76.3	VAR 92	1017	53	27	5.50
3160 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.241 74.4	VAR 85	831	53	35	5.50
3255 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.214 75.3	VAR 83	830	53	35	5.50
3256 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.206 75.1	VAR 81	822	53	35	5.50
3257 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.237 74.2	VAR 86	837	53	35	5.50
3258 E	063 09	KG353E	9 24 67 8399	11 22 67 8458	1.190 73.0	VAR 80	806	53	35	5.50

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TUBE NO	PT NO	GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
3259 E	063		KG353E	9 24 67 8399	11 22 67 8458	1.202 72.9	VAR 81	807	53	35	5.50
3260 E	063		KG353E	9 24 67 8399	11 22 67 8458	1.204 72.5	VAR 81	805	53	35	5.50
4167 E	008		QV804D	10 12 67 8417		1.092 70.2	650 56	364	23	38	7.86
4575 E	008		KV503D	11 22 67 8458		1.155	650 7	42	23	38	7.86
5458 E	008A		KG358E	10 12 67 8417		1.144 79.5	VAR 39	451	53	46	5.50
4351 E	011		QV107	11 22 67 8458		1.198	650 7	44	23	38	7.86
4352 E	011		KV122	11 22 67 8458		1.244	650 7	45	23	38	7.86
4548 E	011		KV119	11 22 67 8458		1.126	650 6	41	23	38	7.86
4551 E	011		KV118	11 22 67 8458		1.250	650 7	46	23	38	7.86
4559 E	011		QV104	11 22 67 8458		1.267	650 7	46	23	38	7.86
4562 E	011		QV103	11 22 67 8458		1.202	650 7	44	23	38	7.86
4568 E	011		KV121	11 22 67 8458		1.196	650 7	44	23	38	7.86
4587 E	011		KV120	11 22 67 8458		1.165	650 7	42	23	38	7.86

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
4589 E	011 03	QV106	11 22 67 8458		1.213	650 7	44	23	38	7.86
4592 E	011 03	QV105	11 22 67 8458		1.048	650 6	38	23	38	7.86
5351 E	012 09	KG363D	11 22 67 8458		1.178	VAR	51	53	46	5.50
3865 E	021 00	XMINO	11 22 67 8458		1.122	500 5	24	29	28	17.73
2952 E	030 03	KF47TB	10 12 67 8417		1.074 73.4	650 60	389	23	38	7.28
3050 E	030 03	KF48TB	10 12 67 8417		1.041 72.0	650 58	376	23	38	7.28
4364 E	030 03	QV61TD	10 12 67 8417		1.196 73.4	650 62	400	23	38	7.86
4557 E	030 03	KF50TB	10 12 67 8417		1.078 68.9	650 61	393	23	38	7.28
4660 E	030 03	QV62TD	10 12 67 8417		1.159 71.3	650 60	390	23	38	7.86
4863 E	030 03	KF51TB	10 12 67 8417		1.078 66.6	650 61	395	23	38	7.28
4963 E	030 03	KF796A	10 12 67 8417		1.092 71.3	650 61	397	21	38	7.28
5063 E	030 03	KF52TB	10 12 67 8417		1.058 72.0	650 59	381	23	38	7.28
1758 E	048 00	2LU05R	1 9 67 8141		0.769 60.5	2750 64	1750	11	38	7.29

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
2173 E	048 00	DP13R	3 22 67 8213		0.800 72.0	2750 47	1281	13	38	7.86
2582 E	048 00	2LU03R	1 9 67 8141		0.837 64.3	2750 69	1889	11	38	7.29
3958 E	048 00	DP12R	3 22 67 8213		0.838 70.4	2750 49	1336	13	38	7.86
4066 E	048 00	DP9R	2 13 67 8176		0.820 70.2	2750 56	1529	13	38	7.86
4357 E	048 00	DP110R	2 13 67 8176		0.884 73.0	2750 59	1628	13	38	7.86
4460 E	048 00	DP8R	2 13 67 8176		0.896 71.8	2750 60	1653	13	38	7.86
1767 E	060 00	X86T	11 22 67 8458		1.209	650 7	43	33	38	8.07
1768 E	060 00	X87T	11 22 67 8458		1.229	650 7	44	33	38	8.07
2252 E	060 00	X84T	11 22 67 8458		1.200	650 7	43	33	38	8.07
2687 E	060 00	X85T	11 22 67 8458		1.226	650 7	44	33	38	8.07
2788 E	060 00	X566	11 22 67 8458		1.218	300 14	41	33	31 7	8.53 8.07
3189 E	060 00	X93T	11 22 67 8458		1.261	650 7	45	33	38	8.07
3587 E	060 00	V564	11 22 67 8458		1.251	300 14	42	33	38	8.53

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
3589	E 060 00	V79T	11 22 67 8458		1.301	650 7	44	33	38	8.53
3651	E 060 00	X88T	11 22 67 8458		1.239	650 7	44	33	38	8.07
3652	E 060 00	X90T	11 22 67 8458		1.226	650 7	44	33	38	8.07
3750	E 060 00	X89T	11 22 67 8458		1.224	650 7	44	33	38	8.07
3751	E 060 00	X91T	11 22 67 8458		1.256	650 7	45	33	38	8.07
3781	E 060 00	X92T	11 22 67 8458		1.201	650 7	43	33	38	8.07
3787	E 060 00	V81T	11 22 67 8458		1.230	650 6	41	33	38	8.53
3790	E 060 00	X83T	11 22 67 8458		1.269	650 7	45	33	38	8.07
3951	E 060 00	V73T	11 22 67 8458		1.215	650 6	41	33	38	8.53
3989	E 060 00	X94T	11 22 67 8458		1.279	650 7	45	33	38	8.07
4084	E 060 00	V82T	11 22 67 8458		1.201	650 6	40	33	38	8.53
4087	E 060 00	X565	11 22 67 8458		1.219	300 15	43	33	38	8.07
4088	E 060 00	V78T	11 22 67 8458		1.226	650 6	41	33	38	8.53

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TUBE NO	PT NO □GOAL BASIS	FUEL IDENT	CHARGE DATE □HAPO	DISCHG DATE □HAPO	TUBE FACT □FLOW	GOAL, MWD/T □%GR	CUR EXP MWD/T	CHARGE CLASS	PC1 □PC2	WT1 □WT2
4187 E	060 00	V76T	11 22 67 8458		1.213	650 6	41	33	38	8.53
4189 E	060 00	V80T	11 22 67 8458		1.266	650 7	43	33	38	8.53
4382 E	060 00	V77T	11 22 67 8458		1.221	650 6	41	33	38	8.53
4450 E	060 00	V74T	11 22 67 8458		1.223	650 6	41	33	38	8.53
4453 E	060 00	V71T	11 22 67 8458		1.228	650 6	41	33	38	8.53
4554 E	060 00	V72T	11 22 67 8458		1.216	650 6	41	33	38	8.53
4583 E	060 00	V75T	11 22 67 8458		1.193	650 6	40	33	38	8.53
2555 E	063A 00	KG18RE	9 24 67 8399		1.215 73.7	1100 84	921	53	35	5.50
2556 E	063A 00	KG16RE	9 24 67 8399		1.237 75.3	1100 85	933	53	35	5.50
2557 E	063A 00	KG19RE	9 24 67 8399		1.255 76.1	1100 85	935	53	35	5.50
2559 E	063A 00	KG15RE	9 24 67 8399		1.222 76.1	1100 83	911	53	35	5.50
2560 E	063A 00	KG17RE	9 24 67 8399		1.215 75.1	1100 82	905	53	35	5.50
2659 E	063A 00	G22R	10 12 67 8417		1.050 72.3	1200 59	708	53	27	5.50

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
2755 E	063A 00	F84S	10 12 67 8417		0.897 68.2	850 75	639	26	19 1	7.28 5.21
2761 E	063 00	F85S	10 12 67 8417		1.028 67.1	780 70	545	26	25 1	7.28 5.21
2857 E	063* 00	NEPT**	9 26 67 8401		1.130 21.5		81	86	IN 8	39.6
2956 E	063A 00	KG358E	10 12 67 8417		1.130 75.3	1200 64	767	53	27	5.50
2957 E	063A 00	G24R	10 12 67 8417		1.109 77.4	1200 63	749	53	27	5.50
2958 E	063A 00	F83S	10 12 67 8417		0.858 59.4	850 70	595	26	19 1	7.28 5.21
2960 E	063 00	NEPT	5 6 67 8258		1.158 21.2		251	86	IN 12	39.6
3055 E	063A 00	G23R	10 12 67 8417		1.128 76.4	1200 64	765	53	27	5.50
3056 E	063A 00	G21R	10 12 67 8417		1.108 75.4	1200 62	748	53	27	5.50
3057 E	063A 00	KG358E	10 12 67 8417		1.128 76.4	1200 64	761	53	27	5.50
3058 E	063A 00	G20R	10 12 67 8417		1.145 76.9	1200 64	770	53	27	5.50
3059 E	063A 00	KG358E	10 12 67 8417		1.150 76.3	1200 65	773	53	27	5.50
3060 E	063A 00	KG358E	10 12 67 8417		1.122 75.4	1200 63	752	53	27	5.50

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
3155 E	063 00	F86S	10 12 67 8417		0.979 64.7	780 67	524	26	25 1	7.28 5.21
3159 E	063A 00	KG358E	10 12 67 8417		1.169 80.2	1200 66	786	53	27	5.50
4355 E	070 03	HX360	10 12 67 8417		1.173 73.9	650 62	402	23	38	7.68
4456 E	070 03	HX359	10 12 67 8417		1.200 74.2	650 63	409	21	38	7.68
1756 E	093 00	S75U	11 22 67 8458		1.181	1500 3	40	13	38	8.52
2654 E	093 00	S77U	11 22 67 8458		1.229	3600 1	45	13	38	7.86
2657 E	093 00	S68U	11 22 67 8458		1.234	1500 3	45	13	38	7.86
2759 E	093 00	S79U	11 22 67 8458		1.102	3600 1	40	13	38	7.86
2955 E	093 00	S83U	11 22 67 8458		1.251	3600 1	42	13	38	8.52
3157 E	093 00	S81U	11 22 67 8458		1.173	3600 1	39	13	38	8.52
3754 E	093 00	S67U	11 22 67 8458		1.239	2500 2	45	13	38	7.86
4553 E	093 00	S69U	11 22 67 8458		0.909	2500 1	33	13	38	7.86
4578 E	093 00	S73U	11 22 67 8458		1.178	1500 3	40	13	38	8.52

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
4586 E	093 00	S74U	11 22 67 8458		1.169	2500 2	39	13	38	8.52
1667 E	807 09	KG358E	10 12 67 8417		1.265 71.6	VAR 56	458	53	51	5.50
1677 E	807 09	KG358E	10 12 67 8417		1.330 76.1	VAR 60	484	53	51	5.50
2465 E	807 09	KG358E	10 12 67 8417		1.278 75.8	VAR 52	460	53	51	5.50
2479 E	807 09	KG358E	10 12 67 8417		1.295 74.1	VAR 56	467	53	51	5.50
2571 E	807 09	KG358E	10 12 67 8417		1.265 75.3	VAR 52	461	53	51	5.50
2577 E	807 09	KG358E	10 12 67 8417		1.308 75.4	VAR 57	474	53	51	5.50
4372 E	807 09	KG358E	10 12 67 8417		1.352 77.6	VAR 58	486	53	51	5.50
0962 W	011 03	QV128	10 6 67 8411		1.232 73.5	650 81	528	23	38	7.86
0963 W	011 03	QV129	10 6 67 8411		1.198 70.7	650 79	512	23	38	7.86
0965 W	011 03	QV133	10 6 67 8411		1.224 72.0	650 81	523	23	38	7.86
0966 W	011 03	QV130	10 6 67 8411		1.224 73.0	650 81	523	23	38	7.86
0968 W	011 03	QV132	10 6 67 8411		1.203 72.3	650 79	515	23	38	7.86

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
0969 W	011 03	QV131	10 6 67 8411		1.163 70.9	650 77	497	23	38	7.86
0971 W	011 03	QV139	10 6 67 8411		1.127 70.0	650 75	485	23	38	7.86
0972 W	011 03	QV135	10 6 67 8411		1.207 73.9	650 80	519	23	38	7.86
0974 W	011 03	QV136	10 6 67 8411		1.195 73.7	650 79	510	23	38	7.86
0975 W	011 03	QV134	10 6 67 8411		1.191 73.7	650 78	509	23	38	7.86
0885 W	088 03	V03W	10 23 67 8428		1.211 74.7	650 51	334	33	35 3	8.53 7.86
1087 W	088 03	V04W	10 23 67 8428		1.172 72.3	650 50	325	33	34 4	8.53 7.86
1688 W	088 03	V01W	10 23 67 8428		1.248 73.4	650 53	346	33	34 4	8.53 7.86
1888 W	088 03	V02W	10 23 67 8428		1.262 73.7	650 54	349	33	35 3	8.53 7.86
3551 W	088 00	V14W	10 23 67 8428		1.274 74.7	300 118	352	33	35 3	8.53 7.86
3588 W	088 00	V12W	10 23 67 8428		1.307 74.7	300 121	362	33	35 3	8.53 7.86
3751 W	088 03	V97U	10 23 67 8428		1.268 75.6	650 54	351	33	34 4	8.53 7.86
3854 W	088 03	V05W	10 23 67 8428		1.281 73.5	650 54	351	33	35 3	8.53 7.86

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
3954 W	088 03	V06W	10 23 67 8428		1.325 76.3	650 56	363	33	35 3	8.53 7.86
4078 W	088 03	V11W	10 23 67 8428		1.231 72.9	650 52	336	33	35 3	8.53 7.86
4184 W	088 03	V96U	10 23 67 8428		1.180 75.3	650 51	329	33	35 3	8.53 7.86
4281 W	088 00	V13W	10 23 67 8428		1.190 73.9	300 110	329	33	34 4	8.53 7.86
4368 W	088 03	V09W	10 23 67 8428		1.330 77.1	650 57	370	33	35 3	8.53 7.86
4381 W	088 03	V99U	10 23 67 8428		1.208 72.9	650 51	333	33	35 3	8.53 7.86
4382 W	088 03	V98U	10 23 67 8428		1.200 75.4	650 51	332	33	35 3	8.53 7.86
4884 W	088 03	V10W	10 23 67 8428		1.206 73.0	650 51	333	33	34 4	8.53 7.86
5086 W	088 03	V08W	10 23 67 8428		1.278 74.1	650 54	352	33	35 3	8.53 7.86
5087 W	088 03	V07W	10 23 67 8428		1.305 74.1	650 55	360	33	34 4	8.53 7.86
4252 W	105 00	G21W	10 23 67 8428		1.273 73.5	800 51	403	53	51	5.50
4254 W	105 00	G22W	10 23 67 8428		1.294 72.5	1200 34	409	53	51	5.50
4256 W	105 00	G23W	10 23 67 8428		1.298 72.7	1600 26	410	53	51	5.50

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TUBE NO	PT NO □GOAL BASIS	FUEL IDENT	CHARGE DATE □HAPO	DISCHG DATE □HAPO	TUBE FACT □FLOW	GOAL, MWD/T □%GR	CUR EXP MWD/T	CHARGE CLASS	PC1 □PC2	WT1 □WT2
4259 W	105 00	G24W	10 23 67 8428		1.280 72.7	2000 20	406	53	51	5.50
4260 W	105 00	G16W	10 23 67 8428		1.314 73.4	800 52	418	53	51	5.50
4261 W	105 00	G25W	10 23 67 8428		1.313 71.6	1200 35	418	53	51	5.50
4262 W	105 00	G17W	10 23 67 8428		1.321 73.5	1600 26	420	53	51	5.50
4264 W	105 00	G18W	10 23 67 8428		1.273 72.5	2000 20	406	53	51	5.50
4266 W	105 00	G19W	10 23 67 8428		1.284 73.2	1200 34	410	53	51	5.50
4267 W	105 00	G26W	10 23 67 8428		1.278 71.6	800 51	408	53	51	5.50
4269 W	105 00	G20W	10 23 67 8428		1.286 72.3	2000 21	409	53	51	5.50
4270 W	105 00	G27W	10 23 67 8428		1.296 71.4	1600 26	411	53	51	5.50
4272 W	105 00	G28W	10 23 67 8428		1.308 71.3	800 52	414	53	51	5.50
4273 W	105 00	G29W	10 23 67 8428		1.324 72.0	1200 35	418	53	51	5.50
4274 W	105 00	G30W	10 23 67 8428		1.303 72.2	1600 26	411	53	51	5.50
4276 W	105 00	G31W	10 23 67 8428		1.237 69.5	2000 20	390	53	51	5.50

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
4277 W	105 00	G32W	10 23 67 8428		1.291 71.8	800 51	407	53	51	5.50
4279 W	105 00	G33W	10 23 67 8428		1.261 70.4	1200 33	398	53	51	5.50
4280 W	105 00	G34W	10 23 67 8428		1.312 72.5	1600 26	415	53	51	5.50
4366 W	105 00	G35W	10 23 67 8428		1.311 73.2	2000 21	419	53	51	5.50
4459 W	105 00	G36W	10 23 67 8428		1.321 73.5	800 53	421	53	51	5.50
4461 W	105 00	G37W	10 23 67 8428		1.342 73.2	800 54	428	53	51	5.50
4463 W	105 00	G38W	10 23 67 8428		1.308 72.5	1200 35	417	53	51	5.50
4464 W	105 00	G41W	10 23 67 8428		1.321 72.5	1200 35	422	53	51	5.50
4465 W	105 00	G39W	10 23 67 8428		1.328 73.4	1200 35	424	53	51	5.50
4467 W	105 00	G40W	10 23 67 8428		1.325 73.0	1200 35	422	53	51	5.50
4468 W	105 00	G42W	10 23 67 8428		1.275 70.0	800 51	406	53	51	5.50
4469 W	105 00	G43W	10 23 67 8428		1.291 71.8	800 51	411	53	51	5.50
4470 W	105 00	G44W	10 23 67 8428		1.352 73.0	800 54	430	53	51	5.50

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
4472 W	105 00	G45W	10 23 67 8428		1.316 71.8	1200 35	417	53	51	5.50
4473 W	105 00	G46W	10 23 67 8428		1.274 71.6	1200 34	403	53	51	5.50
4475 W	105 00	G47W	10 23 67 8428		1.297 72.9	1200 34	408	53	51	5.50
4476 W	105 00	G48W	10 23 67 8428		1.291 71.8	1200 34	405	53	51	5.50
4478 W	105 00	G49W	10 23 67 8428		1.307 72.7	800 52	412	53	51	5.50
4479 W	105 00	G50W	10 23 67 8428		1.269 70.6	800 50	401	53	51	5.50
4481 W	105 00	G51W	10 23 67 8428		1.324 72.7	800 53	420	53	51	5.50
4482 W	105 00	G52W	10 23 67 8428		1.315 73.2	800 52	418	53	51	5.50
4484 W	105 00	G53W	10 23 67 8428		1.306 72.9	800 52	417	53	51	5.50
4485 W	105 00	G54W	10 23 67 8428		1.308 72.3	1200 35	418	53	51	5.50
4487 W	105 00	G55W	10 23 67 8428		1.312 72.3	1200 35	418	53	51	5.50
2982 W	041 03	QV015D	10 6 67 8411		1.132 68.5	650 76	496	21	38	7.86
1284 W	048 00	DP17R	2 21 67 8184		0.868 72.5	2750 57	1553	13	38	7.86

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
2269 W	048 00	DP15RC	2 21 67 8184		0.850 70.6	2750 54	1491	13	38	7.86
2976 W	048 00	2LU01R	12 25 66 8126		0.782 59.6	2750 68	1861	11	38	7.29
3764 W	048 00	2LU98P	12 25 66 8126		0.873 65.3	2750 70	1922	11	38	7.29
4167 W	048 00	DP017R	4 17 67 8239		0.802 71.3	2750 42	1143	13	38	7.86
4286 W	048 00	DP14RC	2 21 67 8184		0.873 71.8	1500 106	1591	13	38	7.86
5268 W	048 00	DP16R	2 21 67 8184		0.810 73.2	2750 53	1468	13	38	7.86
1357 W	807 09	QG831L	10 23 67 8428		1.247 75.8	VAR 42	398	53	51	5.50
1761 W	807 09	QG831L	10 23 67 8428		1.363 75.8	VAR 54	433	53	51	5.50
1773 W	807 03	KV523D	10 23 67 8428		1.159 70.7	650 53	347	23	38	7.86
2461 W	807 09	KG362E	10 23 67 8428		1.342 74.7	VAR 54	428	53	51	5.50
2467 W	807 09	KG362E	10 23 67 8428		1.285 75.3	VAR 46	409	53	51	5.50
2473 W	807 09	KG362E	10 23 67 8428		1.350 74.6	VAR 55	430	53	51	5.50
2988 W	807 03	QV015D	10 23 67 8428		1.142 68.9	650 53	341	21	38	7.86

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
3160 W	807 09	KG355E	10 23 67 8428		1.376 76.3	VAR 56	439	53	51	5.50
3172 W	807 09	KG363E	10 23 67 8428		1.294 73.5	VAR 49	411	53	51	5.50
3879 W	807 03	KV532D	9 17 67 8392		1.208 71.3	650 108	700	23	38	7.86
3966 W	807 09	KG361E	10 23 67 8428		1.291 75.9	VAR 46	410	53	51	5.50
3253 N	076A 00	NO DATA	2 6 67 3169	8 28 67 8372	0.929	1400 89	1250	517	17 3	40.8 08.1
0550 N	04M 00	NO DATA	3 12 67 8203		1.160	3000 41	1232	622	12 4	46.0 40.8
0647 N	04M 00	NO DATA	3 12 67 8203		0.997	1500 73	1090	622	12 4	46.0 40.8
0769 N	04M 00	NO DATA	3 12 67 8203		1.017	2000 57	1129	622	12 4	46.0 40.8
2745 N	04M 00	NO DATA	3 12 67 8203		1.061	3000 38	1134	622	12 4	46.0 40.8
2770 N	04M 00	NO DATA	3 12 67 8203		1.023	3000 37	1100	622	12 4	46.0 40.8
2254 N	066 00	NO DATA	10 25 66 8065		1.020	5500 71	3925	401	13	31.3 80.1
2255 N	066 00	NO DATA	10 3 66 8043		0.994	5000 79	3948	401	13	31.3 80.1

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
2259	N 066 00	NO DATA	10 3 66 8043		1.025	5000 82	4081	401	13	31.3 80.1
2260	N 066 00	NO DATA	10 25 66 8065		1.016	5000 80	3999	401	13	31.3 80.1
2355	N 066 00	NO DATA	10 3 66 8043		1.074	5000 85	4225	401	13	31.3 80.1
2359	N 066 00	NO DATA	10 3 66 8043		1.015	5000 82	4082	401	13	31.3 80.1
2360	N 066 00	NO DATA	10 25 66 8065		1.033	4000 102	4082	401	13	31.3 80.1
2459	N 066 00	NO DATA	10 3 66 8043		1.010	5000 82	4085	401	13	31.3 80.1
0353	N 076A 00	NO DATA	2 6 67 8169		0.885	2600 47	1222	517	17 3	40.8 08.1
0354	N 076A 00	NO DATA	2 6 67 8169		0.903	2900 44	1264	517	17 3	40.8 08.1
0355	N 076A 00	NO DATA	2 6 67 8169		0.902	3200 39	1260	517	17 3	40.8 08.1
3253	N 076A 03	NO DATA	8 28 67 8372		0.929	2100		517	17 3	40.8 81.4
3254	N 076A 00	NO DATA	2 6 67 8169		0.935	1700 75	1273	517	17 3	40.8 08.1
3255	N 076A 00	NO DATA	2 6 67 8169		0.963	2300 57	1305	517	17 3	40.8 08.1
1370	N NR75 03	NO DATA	5 15 67 8267		1.077	4000 30	1203	641	14	31.3 80.0

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
1470	N	NR75 03	NO DATA	5 15 67 8267	1.026	3000 38	1150	641	14	31.3 80.0
1472	N	NR75 03	NO DATA	5 15 67 8267	0.952	3000 35	1035	651	14	32.2 80.0
1551	N	NR75 03	NO DATA	6 21 67 8304	1.135	2100 41	863	411	14	31.3 80.1
1560	N	NR75 03	NO DATA	6 21 67 8304	1.055	2100 38	797	411	14	31.3 80.1
1650	N	NR75 03	NO DATA	6 21 67 8304	1.137	2100 41	865	411	14	31.3 80.1
1667	N	NR75 03	NO DATA	6 21 67 8304	1.033	3000 26	789	411	14	31.3 80.1
1672	N	NR75 03	NO DATA	5 15 67 8267	0.952	4000 27	1071	641	14	31.3 80.0
1752	N	NR75 03	NO DATA	6 21 67 8304	1.141	3000 29	868	411	14	31.3 80.1
1759	N	NR75 03	NO DATA	2 6 67 8169	1.092	4000 61	2446	411	14	31.3 80.1
1760	N	NR75 03	NO DATA	2 6 67 8169	1.071	5000 48	2405	411	14	31.3 80.1
1761	N	NR75 03	NO DATA	6 21 67 8304	1.085	3000 27	820	411	14	31.3 80.1
1765	N	NR75 03	NO DATA	6 21 67 8304	1.053	3000 27	803	411	14	31.3 80.1
1770	N	NR75 03	NO DATA	5 15 67 8267	1.081	6000 21	1232	641	14	31.3 80.0

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
1772 N	NR75 03	NO DATA	5 15 67 8267		0.948	6000 17	1040	651	14	32.2 80.0
1856 N	NR75 03	NO DATA	2 6 67 8169		1.125	6000 42	2490	411	14	31.3 80.1
1857 N	NR75 03	NO DATA	6 21 67 8304		1.108	6000 14	839	411	14	31.3 80.1
1858 N	NR75 03	NO DATA	5 15 67 8267		1.099	2100 56	1183	411	14	31.3 80.1
1859 N	NR75 03	NO DATA	2 6 67 8169		1.072	5000 49	2430	411	14	31.3 80.1
1860 N	NR75 03	NO DATA	6 21 67 8304		1.065	4000 20	807	411	14	31.3 80.1
1861 N	NR75 03	NO DATA	2 6 67 8169		1.071	5000 49	2454	411	14	31.3 80.1
1870 N	NR75 03	NO DATA	5 15 67 8267		1.058	5000 23	1169	651	14	32.2 80.0
1872 N	NR75 03	NO DATA	5 15 67 8267		0.930	5000 21	1022	651	14	32.2 80.0
1958 N	NR75 03	NO DATA	4 18 67 8240		1.102	4000 38	1536	411	14	31.3 80.1
1959 N	NR75 03	NO DATA	4 18 67 8240		1.085	4000 38	1498	411	14	31.3 80.1
2156 N	NR75 03	NO DATA	2 6 67 8169		1.078	6000 40	2421	411	14	31.3 80.1
2158 N	NR75 03	NO DATA	2 6 67 8169		1.105	6000 42	2495	411	14	31.3 80.1

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TUBE NO	PT NO GOAL BASIS	FUEL IDENT	CHARGE DATE HAPO	DISCHG DATE HAPO	TUBE FACT FLOW	GOAL, MWD/T %GR	CUR EXP MWD/T	CHARGE CLASS	PC1 PC2	WT1 WT2
2257 N	NR75 03	NO DATA	3 12 67 8203		1.086	5000 39	1951	411	14	31.3 80.1
2258 N	NR75 03	NO DATA	3 12 67 8203		1.068	5000 38	1921	411	14	31.3 80.1
2458 N	NR75 03	NO DATA	3 12 67 8203		1.075	3000 65	1950	411	14	31.3 80.1
3145 N	NR75 03	NO DATA	2 6 67 8169		0.781	3000 56	1678	411	14	31.3 80.1
3160 N	NR75 03	NO DATA	6 21 67 8304		1.069	2100 38	792	651	14	32.2 80.0
3161 N	NR75 03	NO DATA	6 21 67 8304		1.072	2100 38	794	651	14	32.2 80.0
3162 N	NR75 03	NO DATA	6 21 67 8304		1.056	2100 37	784	651	14	32.2 80.0
2157 N	6633 03	NO DATA	1 2 67 8134		1.055	5000 61	3024	401	13	31.3 80.1
2159 N	6633 00	NO DATA	12 20 66 8121		1.063	5000 64	3186	401	13	31.3 80.1
0664 N	7833 03	NO DATA	6 21 67 8304		1.004	2100 22	458	511	18	40.8
0867 N	7833 00	NO DATA	2 6 67 8169		0.966	2100 64	1335	511	18	40.8
0868 N	7833 03	NO DATA	3 12 67 8203		0.983	2100 51	1061	511	18	40.8
0968 N	7833 00	NO DATA	2 6 67 8169		1.022	2100 66	1382	511	18	40.8

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