



VYC-2314, Revision 0, CCN 02

ENN-DC-126, Rev 4

MINOR CALCULATION CHANGE

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ENN-DC-126, ATTACHMENT 9.8

MINOR CALCULATION CHANGE FORM

MINOR CALCULATION CHANGE FORM (Tracked via DRN in MERLIN)

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Calculation No.: VYC-2314		Revision: <u>0</u>	
Calculation Title: Minimum Containment Overpressure for Non-LOCA Events		Indicate Status of Minor Calculation Change: ~ Prel; <Pend>~As-Built	
MERLIN DRN No. or Minor Calculation Change No.: <u>02</u>			
Modification No./Task No./ER No. <u>VYDC-2003-008 (EPU Design Change)</u>			
Computer Code Used <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No. If "Yes", Code: _____			
1 Purpose of Change:	Address CR-VTY-2004-02206		
2 SSC affected:	None		
3 Design Input Documents not used in parent Calculation:	See attached VYAPF0017.07		
4 Drawings/Procedures/ Calculations / other Documents affected	See conclusion and VYAPF0017.07		
5 Description of Change:	See attached description and replacement pages		
6 Impact on existing calculation conclusion:	None		
7 Impact on DBD's, UFSAR, Technical Specifications:	See Attachment 1 VYAPF0017.07 Form		
8. The existing calculation does <u>does not</u> (circle one) have a calculation verification checklist. See remark.			
Remarks: This ENN-DC-126 MCC is to a VY design verified calculation prepared under AP-0017. AP-0017 did not have a "checklist", instead design verification was documented on form VYAP0017.04.			
NOTE: A. If UFSAR or Technical Specifications need to be revised, Minor Calculation Change Form should not be used unless it is an editorial change to the UFSAR or Technical Specifications. B. Minor Calculation Change Forms do not change the status of the Parent Calculation Revision.			
Prepared by:	Pedro B. Perez	<i>Pedro B. Perez</i> Print/Sign	Date: 7/19/04
Reviewed by: *	Bruce C. Slifer	<i>Bruce C. Slifer</i>	Date: 7/20/04
Approved by	James G. Rogers	<i>James G. Rogers</i>	Date: 7/20/04
* Where the original calculation was design verified, the reviewer signature confirms the latest design verification is still valid.			
This IS a Quality Record -			



Section 5. Description of Change

Discussion

The minor change to VYC-2314 addresses condition report CR-VTY-2004-02206 [Reference 28]. The condition report documents an error in the vendor calculation [Reference 22] that was used as a design input for MCC/CCN01. As a result, design input Reference 22 is deleted and the revised vendor calculation in Reference 29 is incorporated as design input in this MCC/CCN02.

The error in the vendor calculation was associated with the mixing efficiency of the drywell sprays. Assuming 100% mixing efficiency reduces the available containment pressure.

The increased drywell spray efficiency does not adversely affect the primary containment pressure response used in the net positive suction head evaluations. GE performed the evaluation for the post-LOCA containment response with the increased primary containment leakage rate of 1.5 wt-% per day and 100% drywell spray mixing efficiency [Reference 29]. The updated results of the evaluation were compared to the 0.8 wt-% per day results [Reference 7]. The increased leakage rate with 100% drywell mixing efficiency results in approximately 0.32 psi decrease at about 48 hours. Table I provides a comparison of the suppression pool pressure results.

The conclusions from the GE post-LOCA results are applicable to the non-LOCA calculations in VYC-2314. Leakage rate or flow is proportional to the square root of the ΔP (conversely, $\Delta P \propto w^2$). The post-accident LOCA ΔP (drywell to atmosphere) bounds the non-LOCA cases. As a result, the 0.32 psi decrease at 48 hours post-LOCA is also bounding for the non-LOCA events. The "Summary of Results" in VYC-2314 Revision 0 documents the margin available for the non-LOCA NPSH evaluations is in the order of 3 to 5 psig. A maximum decrease of 0.32 psi will still provide adequate NPSH margin at the 8 hour time of interest.

Table I
Suppression Pool Pressure Comparison

Time (Seconds)	Suppression Pool Pressure (psia)		ΔP (psi)	Comment
	0.8 wt-% / day	1.5 wt-% / day 100% spray eff.		
0	14.7	14.7	0.0	
138.14	30.22	30.22	0.0	Suppression pool peak pressure
8035.1	21.73	21.50 [†]	-0.23	
24093.8	22.77	22.48	-0.29	Suppression pool peak temperature (~6.7 hr)
51025.32	21.77	21.65	-0.12	
100697.01	19.68	19.47	-0.21	
150684.83	18.53	18.24	-0.29	
171934.83	18.18	17.86	-0.32	48 hr

[†] The updated results did not exactly match the original analysis time step structure. Results from 8035.1 seconds and beyond are conservatively selected and assigned to the same time.



The drywell spray mixing efficiency of 100% has an insignificant impact on suppression pool pressure. The time frame of interest in the present calculation is approximately 8 hours, therefore the 0.32 psi reduction in suppression pool pressure due to 1.5 weight-% per day primary containment leakage and 100% drywell spray mixing efficiency is bounding.

Conclusion

This MCC does not change the results in the existing calculation (VYC-2314, Revision 0). The MCC documents the primary containment leakage rate assumption of 1.5 wt-% per day with 100% drywell spray mixing efficiency. The need for crediting suppression pool overpressure in the RHR and CS NPSH evaluation shall also be addressed in the SADBBD (Reference 17), UFSAR (Reference 23), system DBDs RHR (Reference 24) and CS (Reference 25), NEDC-33090P (Reference 26) and VYDC-2003-008 (Reference 27). These documents are listed in the attached AP0017.07 form as design output documents.

Note that the changes to the UFSAR were originally proposed in VYDC-2003-008 and are pending incorporation via the design change and licensing processes. The use of overpressure credit must be approved by the NRC as part of EPU. This MCC simply updates a design input parameter in the calculation that was performed under AP-0017.

No specific 50.59 Screening/Evaluation is required for this MCC/CCN since all EPU design changes and associated 50.59 documentation will be part of VYDC-2003-008 (Reference 27).

References

The following references support this MCC. These references are also listed in the attached VYAPF0017.07 form (Attached) and supplement the existing calculation design input and outputs.

Design Input Documents

- 28 CR-VTY-2004-01974, GE transmitted a revision to information previously provided and used as input for two VY calculations that supported response to Round 2 of the NRC EPU RAIs, 7/06/04
- 29 GE Letter, GE-VYNPS-AEP-346, Revision 1 (DRF 0000-0007-5271), VYNPS EPU T0400 : DBA-LOCA for Long Term NPSH Evaluation, 7/06/04

Design Output Documents

- 17 Safety Analysis Design Basis Document, Revision 2
- 23 Updated Final Analysis Report, Revision 18
- 24 Residual Heat Removal Design Basis Document, Revision 2
- 25 Core Spray Design Basis Document, Revision 1
- 26 NEDC-33090P, VYNPS Extended Power Uprate
- 27 VYDC-2003-008. Extended Power Uprate Design Change

Attachments

- 1 VYAPF0017.07
- 2 Reference 5 Table and Figures



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Attachment 1

VYAPF0017.07 Form

4 Pages



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VYC-2314

VY CALCULATION DATABASE INPUT FORM

Place this form in the calculation package immediately following the Title page or CCN form.

VYC-2314/CCN-02 0 N/A 0
VY Calculation/CCN Number Revision Number Vendor Calculation Number Revision Number

Vendor Name: N/A PO Number: N/A

Originating Department Extended Power Uprate

Critical References Impacted: [X] UFSAR [X] DBD [] Reload. "Check" the appropriate box if any critical document is identified in the tables below.

EMPAC Asset/Equipment ID Number(s): N/A

EMPAC Asset/System ID Number(s): N/A

Keywords: Suppression Pool Temperature, Net Positive Suction Head, NPSH, Alternate Cooling, Appendix R, Station Blackout, Containment Overpressure

For Revision/CCN only: Are deletions to General References, Design Input Documents or Design Output Documents required? [X] Yes [] No


Design Input Documents and General References - The following documents provide design input or supporting information to this calculation. (Refer to Appendix A, sections 3.2.7 and section 4)

Table with 7 columns: Reference #, ** DOC #, REV #, ***Document Title (including Date, if applicable), Significant Difference Review ††, **** Affected Program, Critical Reference (✓). Rows include GE Transmitted a revision to information previously provided and used as input for two VY calculations that supported response to Round 2 of the NRC EPU RAIs, and VYNPS EPU Task 400: DBA-LOCA for Long Term NPSH Evaluations.

Design Output Documents - This calculation provides output to the following documents. (Refer to Appendix A, section 5)

* Reference #	** DOC #	REV #	Document Title (including Date, if applicable)	**** Affected Program	†††Critical Reference (✓)
17	SADBD	2	Safety Analysis Design Basis Document		✓
24	RHRDBD	2	Residual Heat Removal System Design Basis Document		✓
25	CSDBD	1	Core Spray System Design Basis Document		✓
23	UFSAR	18	UFSAR, Section 6.5		✓
26	NEDC-33090	0	NEDC-33090P VYNPS Extended Power Uprate Report		
27	VYDC-2003-08	0	Extended Power Uprate Design Change		

- * Reference # - Assigned by preparer to identify the reference in the body of the calculation.
- ** Doc # - Identifying number on the document, if any (e.g., 5920-0264, G191172, VYC-1286)
- *** Document Title - List the specific documentation in this column. "See attached list" is not acceptable. Design Input/Output Documents should identify the specific design input document used in the calculation or the specific document affected by the calculation and not simply reference the document (e.g., VYDC, MM) that the calculation was written to support.
- **** Affected Program List the affected program or the program that reference is related to or part of.
- † If "yes," attach a copy of "VY Calculation Data" marked-up to reflect deletion (See Section 4.3.1.8 for Revision and 4.5.2.4.16 for CCNs).
- †† If the listed input is a calculation listed in the calculation database that is not a calculation of record (see definition), place a check mark in this space to indicate completion of the required significant difference review. (see Appendix A, section 4.1.4.4.3). Otherwise, enter "N/A."
- ††† If the reference is UFSAR, DBD or Reload (IASD or OPL), check Critical Reference column and check UFSAR, DBD or Reload, as appropriate, on this form (above).



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VY CALCULATION DATABASE INPUT FORM

Place this form in the calculation package immediately following the Title page or CCN form.

VYC-2314/CCN01 0 N/A 0
VY Calculation/CCN Number Revision Number Vendor Calculation Number Revision Number

Vendor Name: N/A PO Number: N/A

Originating Department Extended Power Uprate

Critical References Impacted: [X] UFSAR [X] DBD [] Reload. "Check" the appropriate box if any critical document is identified in the tables below.

EMPAC Asset/Equipment ID Number(s): N/A

EMPAC Asset/System ID Number(s): N/A

Keywords: Suppression Pool Temperature, Net Positive Suction Head, NPSH, Alternate Cooling, Appendix R, Station Blackout, Containment Overpressure

For Revision/CCN only: Are deletions to General References, Design Input Documents or Design Output Documents required? [] Yes [X] No

Design Input Documents and General References - The following documents provide design input or supporting information to this calculation. (Refer to Appendix A, sections 3.2.7 and section 4)


Table with 7 columns: Reference #, ** DOC #, REV #, ***Document Title (including Date, if applicable), Significant Difference Review ++, **** Affected Program, Critical Reference (checkmark). Rows 18-23.

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Design Output Documents - This calculation provides output to the following documents. (Refer to Appendix A, section 5)

* Reference #	** DOC #	REV #	Document Title (including Date, if applicable)	**** Affected Program	†††Critical Reference (S)
17	SADBD	2	Safety Analysis Design Basis Document		✓
24	RHRDBD	2	Residual Heat Removal System Design Basis Document		✓
25	CSDBD	1	Core Spray System Design Basis Document		✓
23	UFSAR	18	UFSAR, Section 6.5		✓
26	NEDC-33090	0	NEDC-33090P VYNPS Extended Power Uprate Report		
27	VYDC-2003-08	0	Extended Power Uprate Design Change		

- * Reference # - Assigned by preparer to identify the reference in the body of the calculation.
- ** Doc # - Identifying number on the document, if any (e.g., 5920-0264, G191172, VYC-1286)
- *** Document Title - List the specific documentation in this column. "See attached list" is not acceptable. Design Input/Output Documents should identify the specific design input document used in the calculation or the specific document affected by the calculation and not simply reference the document (e.g., VYDC, MM) that the calculation was written to support.
- **** Affected Program List the affected program or the program that reference is related to or part of.
- † If "yes," attach a copy of "VY Calculation Data" marked-up to reflect deletion (See Section 4.3.1.8 for Revision and 4.5.2.4.16 for CCNs).
- †† If the listed input is a calculation listed in the calculation database that is not a calculation of record (see definition), place a check mark in this space to indicate completion of the required significant difference review. (see Appendix A, section 4.1.4.4.3). Otherwise, enter "N/A."
- ††† If the reference is UFSAR, DBD or Reload (IASD or OPL), check Critical Reference column and check UFSAR, DBD or Reload, as appropriate, on this form (above).



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Attachment 2

GE-VYNPS-AEP-346 Data
(Reference 29)

**Long-term NPSH Tabular Data**

<i>Time (SEC)</i>	<i>Wetwell Pressure with Leakage (psia)</i>	<i>Suppression Pool Temperature (°F)</i>	<i>Total Suppression Pool Volume (ft³)</i>
0	14.70	90.0	6.800E+04
138.1357	30.22	149.2	7.681E+04
236.792	24.87	157.4	7.683E+04
353.1982	20.34	162.5	7.775E+04
500.0107	18.65	166.1	7.823E+04
552.042	18.49	167.1	7.829E+04
785.6045	17.71	169.7	7.925E+04
1097.855	17.94	171.8	7.930E+04
1410.355	18.19	173.7	7.933E+04
1722.073	18.36	175.3	7.937E+04
2033.355	18.57	176.6	7.939E+04
2343.417	18.77	177.9	7.941E+04
2653.073	18.95	179.0	7.943E+04
2962.323	19.17	180.0	7.944E+04
3270.355	19.37	181.0	7.944E+04
3578.792	19.58	181.9	7.944E+04
3887.23	19.76	182.6	7.944E+04
4196.48	19.90	183.4	7.945E+04
4506.136	20.05	184.0	7.946E+04
4815.792	20.20	184.6	7.947E+04
5125.042	20.34	185.2	7.947E+04
5434.23	20.49	185.7	7.949E+04
5736.948	20.61	186.2	7.948E+04
6031.792	20.76	186.7	7.948E+04
6275.292	20.82	187.0	7.947E+04
6534.73	20.98	187.4	7.948E+04
6814.355	21.08	187.7	7.948E+04
7115.386	21.21	188.1	7.948E+04
7420.605	21.32	188.5	7.948E+04
7724.355	21.42	188.8	7.948E+04
8035.636	21.50	189.1	7.949E+04
8346.917	21.56	189.5	7.949E+04
8659.011	21.63	189.8	7.950E+04
8971.105	21.68	190.0	7.951E+04
9282.792	21.72	190.3	7.951E+04
9595.292	21.78	190.6	7.953E+04
9907.386	21.81	190.8	7.953E+04
10219.89	21.86	191.0	7.954E+04



	Wetwell		Total
Time (SEC)	Pressure with Leakage (psia)	Suppression Pool Temperature (°F)	Suppression Pool Volume (ft ³)
10531.98	21.88	191.2	7.954E+04
10844.48	21.93	191.4	7.954E+04
11469.07	21.99	191.8	7.956E+04
12093.67	22.06	192.2	7.956E+04
12718.67	22.12	192.5	7.958E+04
13343.26	22.17	192.8	7.958E+04
13968.26	22.23	193.1	7.959E+04
14592.01	22.26	193.4	7.958E+04
15169.6	22.31	193.6	7.959E+04
15794.6	22.34	193.8	7.959E+04
16419.61	22.38	194.0	7.959E+04
17044.2	22.39	194.2	7.959E+04
17669.2	22.43	194.3	7.959E+04
18293.79	22.44	194.4	7.959E+04
18906.76	22.46	194.5	7.959E+04
19531.76	22.47	194.6	7.958E+04
20156.36	22.46	194.6	7.958E+04
20781.36	22.48	194.6	7.957E+04
21406.36	22.48	194.6	7.956E+04
22030.95	22.47	194.6	7.956E+04
22655.95	22.47	194.6	7.955E+04
23244.98	22.48	194.7	7.954E+04
23811.7	22.48	194.7	7.954E+04
23869.98	22.48	194.7	7.954E+04
24494.98	22.48	194.7	7.953E+04
25119.98	22.47	194.7	7.953E+04
25744.98	22.47	194.6	7.952E+04
26369.98	22.46	194.6	7.951E+04
26994.98	22.46	194.6	7.950E+04
27595.76	22.46	194.5	7.950E+04
28220.36	22.45	194.5	7.949E+04
28844.95	22.44	194.5	7.948E+04
29469.95	22.43	194.4	7.947E+04
30094.54	22.42	194.3	7.946E+04
30719.14	22.41	194.3	7.945E+04
31343.73	22.39	194.2	7.944E+04
31968.73	22.39	194.2	7.943E+04
32592.92	22.37	194.1	7.942E+04
33191.54	22.37	194.0	7.941E+04
33815.73	22.36	193.9	7.940E+04
34440.32	22.35	193.8	7.939E+04
35064.51	22.33	193.7	7.938E+04
35688.7	22.32	193.6	7.937E+04

Peak
Suppression
Pool
Temperature





	Wetwell	Suppression Pool	Total
Time (SEC)	Pressure with Leakage (psia)	Temperature (°F)	Suppression Pool Volume (ft ³)
36312.89	22.29	193.5	7.936E+04
36937.07	22.28	193.4	7.935E+04
37561.26	22.26	193.3	7.934E+04
38185.45	22.25	193.2	7.932E+04
38809.64	22.23	193.0	7.931E+04
39423.29	22.21	192.9	7.930E+04
40020.36	22.20	192.8	7.929E+04
40644.14	22.18	192.6	7.927E+04
41267.92	22.15	192.5	7.926E+04
41891.7	22.13	192.4	7.925E+04
42515.48	22.11	192.2	7.923E+04
43139.26	22.09	192.1	7.923E+04
43763.45	22.08	191.9	7.922E+04
44387.64	22.05	191.8	7.921E+04
45012.23	22.03	191.6	7.920E+04
45637.23	22.01	191.5	7.918E+04
46189.45	21.97	191.3	7.917E+04
46724.76	21.93	191.2	7.917E+04
47260.45	21.91	191.0	7.915E+04
47796.32	21.89	190.9	7.915E+04
48331.95	21.86	190.7	7.914E+04
48867.57	21.83	190.6	7.913E+04
49406.11	21.78	190.4	7.912E+04
50656.11	21.72	190.0	7.910E+04
51906.11	21.65	189.7	7.908E+04
53156.11	21.58	189.4	7.906E+04
54406.11	21.52	189.0	7.904E+04
55555.17	21.46	188.7	7.902E+04
56805.17	21.39	188.3	7.900E+04
58055.17	21.32	187.9	7.899E+04
59300.54	21.27	187.6	7.898E+04
60550.54	21.21	187.2	7.896E+04
61800.54	21.15	186.9	7.894E+04
63050.54	21.09	186.5	7.893E+04
64300.54	21.02	186.1	7.892E+04
65550.54	20.96	185.8	7.891E+04
66776.29	20.91	185.5	7.889E+04
67847.79	20.84	185.1	7.887E+04
69092.29	20.78	184.8	7.886E+04
70342.29	20.72	184.4	7.885E+04
71592.29	20.66	184.1	7.884E+04
72842.29	20.61	183.8	7.883E+04
74092.29	20.55	183.4	7.883E+04



	Wetwell		Total
Time (SEC)	Pressure with Leakage (psia)	Suppression Pool Temperature (°F)	Suppression Pool Volume (ft ³)
75342.29	20.49	183.1	7.882E+04
76592.29	20.44	182.8	7.881E+04
77842.29	20.38	182.4	7.881E+04
79092.29	20.33	182.1	7.880E+04
80342.29	20.28	181.8	7.879E+04
81592.29	20.22	181.5	7.879E+04
82842.29	20.17	181.2	7.879E+04
84089.91	20.13	180.8	7.878E+04
85339.91	20.07	180.5	7.878E+04
86589.91	20.02	180.2	7.877E+04
87839.91	19.98	179.9	7.877E+04
89089.91	19.94	179.6	7.877E+04
90339.91	19.89	179.3	7.877E+04
91589.91	19.84	179.0	7.877E+04
92839.91	19.79	178.6	7.877E+04
94089.91	19.75	178.3	7.877E+04
95339.91	19.70	178.0	7.877E+04
96589.91	19.65	177.7	7.877E+04
97839.91	19.61	177.4	7.877E+04
99089.91	19.56	177.1	7.877E+04
100339.9	19.52	176.8	7.877E+04
101589.9	19.47	176.5	7.878E+04
102839.9	19.43	176.2	7.878E+04
104089.7	19.37	175.9	7.878E+04
105339.7	19.34	175.7	7.878E+04
106589.7	19.31	175.4	7.877E+04
107839.7	19.27	175.2	7.875E+04
109089.7	19.23	175.0	7.874E+04
110339.7	19.20	174.8	7.872E+04
111589.7	19.16	174.5	7.868E+04
112839.7	19.13	174.4	7.866E+04
114089.7	19.09	174.2	7.863E+04
115339.7	19.06	174.0	7.860E+04
116589.7	19.02	173.8	7.857E+04
117839.7	18.99	173.6	7.853E+04
119055.5	18.96	173.4	7.851E+04
120305.5	18.93	173.2	7.848E+04
121555.5	18.90	173.0	7.845E+04
122802	18.87	172.8	7.842E+04
124052	18.84	172.7	7.840E+04
125302	18.81	172.5	7.837E+04
126552	18.77	172.3	7.834E+04
127802	18.75	172.1	7.831E+04



<i>Time (SEC)</i>	<i>Wetwell Pressure with Leakage (psia)</i>	<i>Suppression Pool Temperature (°F)</i>	<i>Total Suppression Pool Volume (ft³)</i>
129052	18.72	171.9	7.829E+04
130302	18.69	171.8	7.826E+04
131552	18.66	171.6	7.823E+04
132802	18.63	171.4	7.821E+04
134052	18.61	171.3	7.818E+04
135302	18.58	171.1	7.815E+04
136552	18.56	170.9	7.813E+04
137802	18.53	170.7	7.810E+04
139052	18.50	170.6	7.808E+04
140302	18.47	170.4	7.805E+04
141552	18.45	170.2	7.803E+04
142802	18.42	170.1	7.801E+04
144052	18.39	169.9	7.798E+04
145302	18.37	169.8	7.795E+04
146552	18.34	169.6	7.793E+04
147802	18.32	169.4	7.791E+04
149052	18.29	169.3	7.789E+04
150302	18.27	169.1	7.786E+04
151552	18.24	168.9	7.784E+04
152802	18.22	168.8	7.782E+04
154052	18.19	168.6	7.779E+04
155302	18.17	168.5	7.777E+04
156552	18.14	168.3	7.774E+04
157802	18.12	168.1	7.772E+04
159052	18.09	168.0	7.770E+04
160302	18.07	167.8	7.768E+04
161552	18.04	167.7	7.766E+04
162802	18.02	167.5	7.764E+04
164052	18.00	167.4	7.762E+04
165302	17.97	167.2	7.760E+04
166552	17.95	167.0	7.758E+04
167802	17.92	166.9	7.756E+04
169052	17.90	166.7	7.754E+04
170302	17.90	166.6	7.752E+04
171552	17.88	166.4	7.750E+04
172802	17.86	166.3	7.748E+04
174052	17.83	166.1	7.746E+04
175302	17.81	166.0	7.744E+04
176552	17.79	165.8	7.743E+04
177802	17.76	165.6	7.740E+04
179052	17.74	165.5	7.738E+04
180302	17.72	165.3	7.736E+04
181552	17.70	165.2	7.735E+04



	Wetwell		Total
Time (SEC)	Pressure with Leakage (psia)	Suppression Pool Temperature (°F)	Suppression Pool Volume (ft ³)
182802	17.67	165.0	7.733E+04
184052	17.65	164.9	7.731E+04
185302	17.63	164.7	7.730E+04
186552	17.61	164.6	7.727E+04
187802	17.58	164.4	7.726E+04
189052	17.56	164.3	7.724E+04
190302	17.54	164.1	7.722E+04
191552	17.52	164.0	7.721E+04
192802	17.50	163.8	7.719E+04
194052	17.47	163.6	7.718E+04
195302	17.45	163.5	7.716E+04
196552	17.43	163.3	7.715E+04
197802	17.41	163.2	7.712E+04
199052	17.39	163.0	7.711E+04
200302	17.37	162.9	7.709E+04
201552	17.34	162.7	7.708E+04
202802	17.32	162.6	7.707E+04
204052	17.30	162.4	7.705E+04
205302	17.28	162.3	7.704E+04
206552	17.26	162.1	7.703E+04
207802	17.24	162.0	7.701E+04
209052	17.23	161.9	7.699E+04
210302	17.21	161.7	7.698E+04
211552	17.19	161.6	7.697E+04
212802	17.17	161.5	7.695E+04
214052	17.15	161.4	7.694E+04
215302	17.14	161.2	7.693E+04
216552	17.12	161.1	7.692E+04
217802	17.10	161.0	7.691E+04
219052	17.09	160.9	7.690E+04
220302	17.07	160.8	7.689E+04
221552	17.06	160.7	7.687E+04
222802	17.04	160.6	7.686E+04
224052	17.02	160.5	7.684E+04
225302	17.01	160.4	7.683E+04
226552	16.99	160.2	7.682E+04
227802	16.98	160.1	7.681E+04
229052	16.96	160.0	7.680E+04
230302	16.95	159.9	7.679E+04
231552	16.94	159.8	7.678E+04
232802	16.92	159.7	7.677E+04
234047.9	16.91	159.6	7.676E+04
235297.9	16.89	159.5	7.675E+04



	Wetwell		Total
Time (SEC)	Pressure with Leakage (psia)	Suppression Pool Temperature (°F)	Suppression Pool Volume (ft ³)
236547.9	16.88	159.4	7.674E+04
237797.9	16.87	159.3	7.673E+04
239047.9	16.85	159.3	7.672E+04
240297.9	16.84	159.2	7.671E+04
241547.9	16.83	159.1	7.670E+04
242797.9	16.81	159.0	7.670E+04
244047.9	16.80	158.9	7.669E+04
245297.9	16.79	158.8	7.668E+04
246547.9	16.77	158.7	7.666E+04
247797.9	16.76	158.6	7.665E+04
249047.9	16.75	158.6	7.664E+04
250297.9	16.74	158.5	7.663E+04
251547.9	16.72	158.4	7.663E+04
252797.9	16.71	158.3	7.662E+04
254047.9	16.70	158.2	7.661E+04
255297.9	16.69	158.1	7.660E+04
256547.9	16.68	158.0	7.660E+04
257797.9	16.66	158.0	7.659E+04
259047.9	16.65	157.8	7.659E+04
260297.9	16.63	157.7	7.658E+04
261547.9	16.61	157.5	7.656E+04
262797.8	16.59	157.4	7.655E+04
264047.8	16.57	157.2	7.654E+04
265297.8	16.55	157.1	7.653E+04
266547.8	16.54	156.9	7.653E+04
267797.8	16.52	156.8	7.652E+04
269047.8	16.50	156.7	7.651E+04
270297.8	16.49	156.5	7.650E+04
271547.8	16.47	156.4	7.649E+04
272797.8	16.46	156.3	7.649E+04
274047.8	16.44	156.2	7.648E+04
275297.8	16.43	156.1	7.647E+04
276547.8	16.41	155.9	7.647E+04
277797.8	16.40	155.8	7.646E+04
279047.8	16.38	155.7	7.645E+04
280297.8	16.37	155.6	7.645E+04
281547.8	16.36	155.5	7.644E+04
282797.8	16.34	155.4	7.643E+04
284047.8	16.33	155.3	7.643E+04
285297.8	16.32	155.2	7.642E+04
286547.8	16.30	155.1	7.642E+04
287797.8	16.29	155.0	7.641E+04
289047.8	16.28	154.9	7.641E+04



<i>Time (SEC)</i>	<i>Wetwell Pressure with Leakage (psia)</i>	<i>Suppression Pool Temperature (°F)</i>	<i>Total Suppression Pool Volume (ft³)</i>
290297.8	16.26	154.8	7.640E+04
291547.8	16.25	154.7	7.640E+04
292797.8	16.24	154.6	7.639E+04
294047.8	16.23	154.5	7.639E+04
295297.8	16.21	154.4	7.638E+04
296547.8	16.20	154.3	7.638E+04
297797.8	16.19	154.2	7.637E+04
299047.8	16.18	154.1	7.637E+04
300297.8	16.17	154.0	7.636E+04
301547.8	16.16	153.9	7.636E+04
302797.8	16.15	153.9	7.636E+04
304047.8	16.13	153.8	7.635E+04
305297.8	16.12	153.7	7.635E+04
306547.8	16.11	153.6	7.634E+04
307797.8	16.10	153.5	7.634E+04
309047.8	16.09	153.4	7.634E+04
310297.8	16.08	153.3	7.633E+04
311547.8	16.07	153.3	7.633E+04
312797.8	16.06	153.2	7.632E+04
314047.8	16.05	153.1	7.632E+04
315297.8	16.04	153.0	7.632E+04
316547.8	16.03	152.9	7.631E+04
317797.8	16.02	152.8	7.631E+04
319047.8	16.01	152.8	7.631E+04
320297.8	16.00	152.7	7.631E+04
321547.8	15.98	152.6	7.630E+04
322797.8	15.98	152.5	7.630E+04
324047.8	15.97	152.4	7.630E+04
325297.8	15.95	152.4	7.629E+04
326547.8	15.95	152.3	7.629E+04
327797.8	15.94	152.2	7.629E+04
329047.8	15.93	152.1	7.629E+04
330297.8	15.92	152.1	7.629E+04
331547.8	15.91	152.0	7.628E+04
332797.8	15.90	151.9	7.628E+04
334047.8	15.89	151.8	7.628E+04
335297.8	15.88	151.7	7.628E+04
336547.8	15.87	151.7	7.627E+04
337797.8	15.86	151.6	7.628E+04
339047.8	15.85	151.5	7.628E+04
340297.8	15.84	151.4	7.628E+04
341547.8	15.83	151.4	7.628E+04
342797.8	15.82	151.3	7.628E+04



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<i>Time (SEC)</i>	<i>Wetwell Pressure with Leakage (psia)</i>	<i>Suppression Pool Temperature (°F)</i>	<i>Total Suppression Pool Volume (ft³)</i>
344047.8	15.81	151.2	7.627E+04
345297.8	15.80	151.1	7.627E+04
346547.8	15.79	151.1	7.627E+04
347797.8	15.78	151.0	7.627E+04
349047.8	15.77	150.9	7.627E+04
350297.8	15.76	150.8	7.627E+04
351547.8	15.75	150.8	7.627E+04
352797.8	15.74	150.7	7.626E+04
354047.8	15.74	150.6	7.626E+04
355297.8	15.73	150.5	7.626E+04
356547.8	15.72	150.5	7.626E+04
357797.8	15.71	150.4	7.626E+04
359047.8	15.70	150.3	7.626E+04
360297.8	15.69	150.2	7.626E+04
361547.8	15.68	150.2	7.626E+04
362797.8	15.67	150.1	7.626E+04
364047.8	15.66	150.0	7.626E+04
365297.8	15.65	149.9	7.626E+04
366547.8	15.65	149.9	7.627E+04
367797.8	15.64	149.8	7.627E+04
369047.8	15.63	149.7	7.627E+04
370297.8	15.62	149.6	7.627E+04
371547.8	15.61	149.6	7.627E+04
372797.8	15.60	149.5	7.627E+04
374047.8	15.59	149.4	7.627E+04
375297.8	15.58	149.3	7.627E+04
376547.8	15.58	149.3	7.627E+04
377797.8	15.57	149.2	7.627E+04
379047.8	15.56	149.1	7.627E+04
380297.8	15.55	149.1	7.627E+04
381547.8	15.54	149.0	7.627E+04
382797.8	15.53	148.9	7.627E+04
384047.8	15.52	148.8	7.627E+04
385297.8	15.51	148.8	7.627E+04
386547.8	15.51	148.7	7.627E+04
387797.8	15.50	148.6	7.628E+04
389047.8	15.49	148.6	7.628E+04
390297.8	15.48	148.5	7.628E+04
391547.8	15.47	148.4	7.628E+04
392797.8	15.46	148.3	7.628E+04
394047.8	15.46	148.3	7.628E+04
395297.8	15.45	148.2	7.628E+04
396547.8	15.44	148.1	7.628E+04



<i>Time (SEC)</i>	<i>Wetwell Pressure with Leakage (psia)</i>	<i>Suppression Pool Temperature (°F)</i>	<i>Total Suppression Pool Volume (ft³)</i>
397797.8	15.43	148.1	7.629E+04
399047.8	15.42	148.0	7.629E+04
400297.8	15.41	147.9	7.629E+04
401547.8	15.41	147.8	7.629E+04
402797.8	15.40	147.8	7.629E+04
404047.8	15.39	147.7	7.629E+04
405297.8	15.38	147.6	7.629E+04
406547.8	15.38	147.6	7.631E+04
407797.8	15.37	147.5	7.631E+04
409047.8	15.36	147.5	7.631E+04
410297.8	15.35	147.4	7.631E+04
411547.8	15.35	147.3	7.631E+04
412797.8	15.34	147.3	7.631E+04
414047.8	15.33	147.2	7.632E+04
415297.8	15.33	147.2	7.632E+04
416547.8	15.32	147.1	7.632E+04
417797.8	15.31	147.1	7.632E+04
419047.8	15.31	147.0	7.633E+04
420297.8	15.30	147.0	7.633E+04
421547.8	15.30	146.9	7.633E+04
422797.8	15.29	146.9	7.633E+04
424047.8	15.28	146.8	7.635E+04
425297.8	15.28	146.8	7.635E+04
426547.8	15.27	146.8	7.635E+04
427797.8	15.27	146.7	7.635E+04
429047.8	15.26	146.7	7.636E+04
430297.8	15.26	146.6	7.636E+04
431547.8	15.25	146.6	7.636E+04
432797.8	15.24	146.5	7.637E+04
434047.8	15.24	146.5	7.637E+04
435297.8	15.23	146.5	7.637E+04
436547.8	15.23	146.4	7.638E+04
437797.8	15.22	146.4	7.638E+04
439047.8	15.22	146.3	7.638E+04
440294.2	15.21	146.3	7.639E+04
441544.2	15.21	146.3	7.640E+04
442794.2	15.20	146.2	7.640E+04
444044.2	15.20	146.2	7.641E+04
445294.2	15.19	146.2	7.641E+04
446544.2	15.19	146.1	7.641E+04
447794.2	15.18	146.1	7.642E+04
449044.2	15.18	146.0	7.642E+04
450295.5	15.17	146.0	7.642E+04



<i>Time (SEC)</i>	<i>Wetwell Pressure with Leakage (psia)</i>	<i>Suppression Pool Temperature (°F)</i>	<i>Total Suppression Pool Volume (ft³)</i>
451545.5	15.17	146.0	7.643E+04
452795.5	15.16	145.9	7.643E+04
454045.5	15.16	145.9	7.643E+04
455295.5	15.15	145.9	7.644E+04
456545.5	15.15	145.9	7.644E+04
457795.5	15.14	145.8	7.646E+04
459045.5	15.14	145.8	7.646E+04
460295.5	15.14	145.8	7.646E+04
461545.5	15.13	145.7	7.647E+04
462795.5	15.13	145.7	7.647E+04
464045.5	15.12	145.7	7.648E+04
465295.5	15.12	145.6	7.648E+04
466545.5	15.11	145.6	7.648E+04
467795.5	15.11	145.6	7.649E+04
469045.5	15.11	145.6	7.649E+04
470295.5	15.10	145.5	7.649E+04
471545.5	15.10	145.5	7.650E+04
472795.5	15.09	145.5	7.651E+04
474045.5	15.09	145.4	7.652E+04
475295.5	15.08	145.4	7.652E+04
476545.5	15.08	145.4	7.652E+04
477795.5	15.08	145.4	7.653E+04
479045.5	15.06	145.3	7.653E+04
480295.5	15.06	145.3	7.654E+04
481545.5	15.06	145.3	7.654E+04
482795.5	15.06	145.3	7.654E+04
484045.5	15.06	145.3	7.654E+04
485295.5	15.06	145.2	7.654E+04
486545.3	15.04	145.2	7.655E+04
487795.3	15.04	145.2	7.655E+04
489045.3	15.04	145.2	7.655E+04
490295.3	15.04	145.2	7.656E+04
491545.3	15.03	145.2	7.656E+04
492795.3	15.02	145.1	7.657E+04
494045.3	15.02	145.1	7.657E+04
495295.3	15.02	145.1	7.657E+04
496545.3	15.02	145.1	7.657E+04
497795.3	15.01	145.1	7.657E+04
499045.3	15.00	145.0	7.657E+04
500295.3	15.00	145.0	7.658E+04
501545.3	15.00	145.0	7.658E+04
502795.3	14.99	145.0	7.658E+04
504045.3	14.99	145.0	7.658E+04



	Wetwell		Total
Time (SEC)	Pressure with Leakage (psia)	Suppression Pool Temperature (°F)	Suppression Pool Volume (ft ³)
505295.3	14.99	145.0	7.658E+04
506545.3	14.97	144.9	7.659E+04
507795.3	14.97	144.9	7.660E+04
509045.3	14.97	144.9	7.660E+04
510295.3	14.97	144.8	7.660E+04
511545.3	14.95	144.8	7.661E+04
512795.3	14.95	144.8	7.661E+04
514045.3	14.95	144.8	7.662E+04
515295.3	14.95	144.7	7.662E+04
516545.3	14.95	144.7	7.663E+04
517795.3	14.93	144.7	7.663E+04
519045.3	14.93	144.6	7.664E+04
520295.3	14.93	144.6	7.664E+04
521545.3	14.92	144.6	7.664E+04
522795.3	14.92	144.6	7.665E+04
524045.3	14.91	144.6	7.665E+04
525295.4	14.90	144.6	7.665E+04
526545.4	14.90	144.5	7.665E+04
527795.4	14.90	144.5	7.666E+04
529045.4	14.90	144.5	7.667E+04
530295.4	14.90	144.5	7.667E+04
531545.4	14.89	144.4	7.667E+04
532795.4	14.88	144.4	7.667E+04
534045.4	14.88	144.4	7.667E+04
535295.4	14.87	144.4	7.667E+04
536545.4	14.87	144.3	7.668E+04
537795.4	14.85	144.3	7.668E+04
539045.4	14.85	144.3	7.669E+04
540295.4	14.85	144.2	7.669E+04
541545.4	14.85	144.2	7.670E+04
542795.4	14.85	144.2	7.671E+04
544045.4	14.83	144.1	7.671E+04
545295.4	14.83	144.1	7.671E+04
546545.4	14.83	144.1	7.671E+04
547795.4	14.83	144.1	7.672E+04
549045.4	14.82	144.0	7.673E+04
550295.4	14.82	144.0	7.673E+04
551545.4	14.81	144.0	7.673E+04
552795.4	14.80	144.0	7.673E+04
554045.4	14.80	144.0	7.673E+04
555295.4	14.80	144.0	7.673E+04
556545.4	14.80	143.9	7.675E+04
557795.4	14.78	143.9	7.674E+04



	<i>Wetwell</i>	<i>Suppression Pool</i>	<i>Total</i>
<i>Time (SEC)</i>	<i>Pressure with Leakage (psia)</i>	<i>Temperature (°F)</i>	<i>Suppression Pool Volume (ft³)</i>
559045.4	14.78	143.9	7.675E+04
560295.4	14.78	143.8	7.676E+04
561545.4	14.77	143.8	7.677E+04
562795.4	14.77	143.8	7.677E+04
564045.4	14.77	143.8	7.677E+04
565295.4	14.77	143.8	7.677E+04
566545.4	14.76	143.8	7.677E+04
567795.4	14.75	143.7	7.677E+04
569045.4	14.75	143.7	7.677E+04
570295.4	14.74	143.7	7.679E+04
571545.4	14.74	143.6	7.679E+04
572795.4	14.74	143.6	7.679E+04
574045.4	14.72	143.6	7.679E+04
575295.4	14.72	143.6	7.680E+04
576545.4	14.72	143.6	7.681E+04
577795.4	14.72	143.5	7.681E+04
579045.4	14.72	143.5	7.681E+04
580295.4	14.70	143.5	7.681E+04
581545.4	14.70	143.4	7.683E+04
582795.4	14.70	143.4	7.683E+04
584045.4	14.70	143.4	7.683E+04
585295.4	14.70	143.3	7.684E+04
586545.4	14.70	143.3	7.685E+04
587795.4	14.70	143.3	7.685E+04
589045.4	14.70	143.2	7.685E+04
590295.4	14.70	143.2	7.686E+04
591545.4	14.70	143.2	7.686E+04
592795.4	14.70	143.2	7.686E+04
594045.4	14.70	143.2	7.687E+04
595295.4	14.70	143.1	7.687E+04
596545.4	14.70	143.1	7.688E+04
597795.4	14.70	143.1	7.688E+04
599045.4	14.70	143.0	7.689E+04
600295.4	14.70	143.0	7.690E+04
601545.4	14.70	143.0	7.690E+04
602795.4	14.70	143.0	7.690E+04
604045.4	14.70	143.0	7.690E+04
605295.4	14.70	143.0	7.690E+04
606545.4	14.70	143.0	7.690E+04
607795.4	14.70	142.9	7.691E+04
609045.4	14.70	142.9	7.692E+04
610295.4	14.70	142.8	7.692E+04
611545.4	14.70	142.8	7.692E+04



<i>Time (SEC)</i>	<i>Wetwell Pressure with Leakage (psia)</i>	<i>Suppression Pool Temperature (°F)</i>	<i>Total Suppression Pool Volume (ft³)</i>
612795.4	14.70	142.8	7.694E+04
614045.4	14.70	142.8	7.694E+04
615295.4	14.70	142.8	7.694E+04
616545.4	14.70	142.7	7.694E+04
617795.4	14.70	142.7	7.694E+04
619045.4	14.70	142.7	7.696E+04
620295.4	14.70	142.7	7.696E+04
621545.4	14.70	142.6	7.696E+04
622795.4	14.70	142.6	7.696E+04
624045.4	14.70	142.6	7.697E+04
625295.4	14.70	142.5	7.698E+04
626545.4	14.70	142.5	7.698E+04
627795.4	14.70	142.5	7.698E+04
629045.4	14.70	142.5	7.698E+04
630295.4	14.70	142.5	7.699E+04
631545.4	14.70	142.4	7.700E+04
632795.4	14.70	142.4	7.700E+04
634045.4	14.70	142.4	7.701E+04
635295.4	14.70	142.3	7.701E+04
636545.4	14.70	142.3	7.702E+04
637795.4	14.70	142.3	7.703E+04
639045.4	14.70	142.2	7.703E+04
640295.4	14.70	142.2	7.704E+04
641545.4	14.70	142.2	7.705E+04
642795.4	14.70	142.1	7.705E+04
644045.4	14.70	142.1	7.705E+04
645295.4	14.70	142.1	7.707E+04
646545.4	14.70	142.0	7.707E+04
647795.4	14.70	142.0	7.708E+04
649045.4	14.70	142.0	7.709E+04
650295.4	14.70	141.9	7.709E+04
651545.4	14.70	141.9	7.710E+04
652795.4	14.70	141.9	7.710E+04
654045.4	14.70	141.9	7.710E+04
655295.4	14.70	141.9	7.710E+04
656545.4	14.70	141.9	7.711E+04
657795.4	14.70	141.8	7.712E+04
659045.4	14.70	141.8	7.712E+04
660295.4	14.70	141.8	7.712E+04
661545.4	14.70	141.8	7.714E+04
662795.4	14.70	141.7	7.714E+04
664045.4	14.70	141.7	7.714E+04
665295.4	14.70	141.7	7.716E+04



	Wetwell		Total
Time (SEC)	Pressure with Leakage (psia)	Suppression Pool Temperature (°F)	Suppression Pool Volume (ft ³)
666545.4	14.70	141.6	7.716E+04
667795.4	14.70	141.6	7.717E+04
669045.4	14.70	141.6	7.717E+04
670295.4	14.70	141.5	7.718E+04
671545.4	14.70	141.5	7.719E+04
672795.4	14.70	141.5	7.719E+04
674045.4	14.70	141.4	7.719E+04
675295.4	14.70	141.4	7.721E+04
676545.4	14.70	141.4	7.721E+04
677795.4	14.70	141.4	7.721E+04
679045.4	14.70	141.4	7.721E+04
680295.4	14.70	141.4	7.722E+04
681545.5	14.70	141.3	7.723E+04
682795.5	14.70	141.3	7.723E+04
684045.5	14.70	141.3	7.724E+04
685295.6	14.70	141.2	7.725E+04
686545.6	14.70	141.2	7.726E+04
687795.6	14.70	141.2	7.726E+04
689045.6	14.70	141.1	7.726E+04
690295.6	14.70	141.1	7.726E+04
691545.9	14.70	141.1	7.728E+04
692795.9	14.70	141.1	7.728E+04
694045.9	14.70	141.1	7.728E+04
695295.9	14.70	141.1	7.728E+04
696545.9	14.70	141.0	7.730E+04
697795.9	14.70	141.0	7.730E+04
699045.9	14.70	141.0	7.730E+04
700295.9	14.70	141.0	7.731E+04
701545.9	14.70	140.9	7.732E+04
702795.9	14.70	140.9	7.732E+04
704045.9	14.70	140.9	7.733E+04
705295.9	14.70	140.8	7.734E+04
706545.9	14.70	140.8	7.734E+04
707795.9	14.70	140.8	7.734E+04
709045.9	14.70	140.8	7.735E+04
710295.9	14.70	140.8	7.735E+04
711545.9	14.70	140.7	7.737E+04
712795.9	14.70	140.7	7.737E+04
714045.9	14.70	140.7	7.737E+04
715295.9	14.70	140.7	7.738E+04
716545.9	14.70	140.6	7.739E+04
717795.9	14.70	140.6	7.739E+04
719045.9	14.70	140.6	7.741E+04



<i>Time (SEC)</i>	<i>Wetwell Pressure with Leakage (psia)</i>	<i>Suppression Pool Temperature (°F)</i>	<i>Total Suppression Pool Volume (ft³)</i>
720295.9	14.70	140.5	7.741E+04
721545.9	14.70	140.5	7.741E+04
722795.9	14.70	140.5	7.743E+04
724045.9	14.70	140.5	7.743E+04
725295.9	14.70	140.4	7.744E+04
726545.9	14.70	140.4	7.745E+04
727795.9	14.70	140.4	7.746E+04
729045.9	14.70	140.3	7.746E+04
730295.9	14.70	140.3	7.747E+04
731545.9	14.70	140.3	7.748E+04
732795.9	14.70	140.2	7.748E+04
734045.9	14.70	140.2	7.750E+04
735295.9	14.70	140.2	7.750E+04
736545.9	14.70	140.2	7.751E+04
737795.9	14.70	140.2	7.752E+04
739045.9	14.70	140.2	7.753E+04
740295.9	14.70	140.2	7.754E+04
741545.9	14.70	140.2	7.755E+04
742795.9	14.70	140.2	7.756E+04
744045.9	14.70	140.2	7.756E+04
745295.9	14.70	140.1	7.757E+04
746545.9	14.70	140.1	7.759E+04
747795.9	14.70	140.1	7.760E+04
749045.9	14.70	140.1	7.760E+04
750295.9	14.70	140.1	7.761E+04
751545.9	14.70	140.1	7.762E+04
752795.9	14.70	140.1	7.763E+04
754045.9	14.70	140.1	7.764E+04
755295.9	14.70	140.1	7.765E+04
756545.9	14.70	140.0	7.765E+04
757795.9	14.70	140.0	7.767E+04
759045.9	14.70	139.9	7.767E+04
760295.9	14.70	139.9	7.768E+04
761545.9	14.70	139.9	7.769E+04
762795.9	14.70	139.8	7.770E+04
764045.9	14.70	139.8	7.770E+04
765295.9	14.70	139.8	7.771E+04
766545.9	14.70	139.7	7.772E+04
767795.9	14.70	139.7	7.773E+04
769045.9	14.70	139.6	7.774E+04
770295.9	14.70	139.6	7.774E+04
771545.9	14.70	139.6	7.775E+04
772795.9	14.70	139.6	7.775E+04

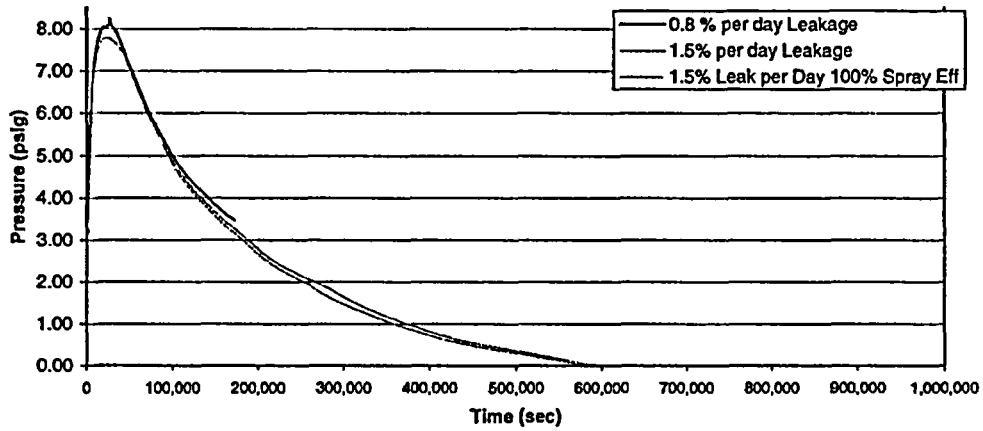


<i>Time (SEC)</i>	<i>Wetwell Pressure with Leakage (psia)</i>	<i>Suppression Pool Temperature (°F)</i>	<i>Total Suppression Pool Volume (ft³)</i>
774045.9	14.70	139.5	7.776E+04
775295.9	14.70	139.5	7.776E+04
776545.9	14.70	139.5	7.777E+04
777795.9	14.70	139.5	7.777E+04
779045.9	14.70	139.4	7.778E+04
780295.9	14.70	139.4	7.779E+04
781545.9	14.70	139.4	7.779E+04
782795.9	14.70	139.3	7.781E+04
784045.9	14.70	139.3	7.781E+04
785295.9	14.70	139.3	7.781E+04
786545.9	14.70	139.3	7.781E+04
787795.9	14.70	139.2	7.783E+04
789045.9	14.70	139.2	7.783E+04
790295.9	14.70	139.2	7.784E+04
791545.9	14.70	139.2	7.784E+04
792795.9	14.70	139.1	7.785E+04
794045.9	14.70	139.1	7.786E+04
795295.9	14.70	139.1	7.787E+04
796545.9	14.70	139.0	7.788E+04
797795.9	14.70	139.0	7.788E+04
799045.9	14.70	139.0	7.789E+04
800295.9	14.70	138.9	7.790E+04
801545.9	14.70	138.9	7.790E+04
802795.9	14.70	138.9	7.791E+04
804045.9	14.70	138.9	7.791E+04
805295.9	14.70	138.9	7.791E+04
806545.9	14.70	138.9	7.791E+04
807795.9	14.70	138.9	7.792E+04
809045.9	14.70	138.8	7.793E+04
810295.9	14.70	138.8	7.794E+04
811545.9	14.70	138.7	7.795E+04
812795.9	14.70	138.7	7.796E+04
814045.9	14.70	138.7	7.796E+04
815295.9	14.70	138.7	7.796E+04
816545.9	14.70	138.7	7.796E+04
817795.9	14.70	138.7	7.797E+04
819045.9	14.70	138.7	7.797E+04
820295.9	14.70	138.6	7.799E+04
821545.9	14.70	138.6	7.799E+04
822795.9	14.70	138.5	7.799E+04
824045.9	14.70	138.5	7.801E+04
825295.9	14.70	138.5	7.801E+04
826545.9	14.70	138.5	7.802E+04



<i>Time (SEC)</i>	<i>Wetwell Pressure with Leakage (psia)</i>	<i>Suppression Pool Temperature (°F)</i>	<i>Total Suppression Pool Volume (ft³)</i>
827795.9	14.70	138.4	7.803E+04
829045.9	14.70	138.4	7.804E+04
830295.9	14.70	138.4	7.804E+04
831545.9	14.70	138.3	7.806E+04
832795.9	14.70	138.3	7.806E+04
834045.9	14.70	138.3	7.806E+04
835295.9	14.70	138.3	7.806E+04
836545.9	14.70	138.2	7.808E+04
837795.9	14.70	138.2	7.808E+04
839045.9	14.70	138.2	7.809E+04
840295.9	14.70	138.2	7.810E+04
841545.9	14.70	138.2	7.810E+04
842795.9	14.70	138.1	7.810E+04
844045.9	14.70	138.1	7.811E+04
845295.9	14.70	138.1	7.811E+04
846545.9	14.70	138.1	7.812E+04
847795.9	14.70	138.0	7.813E+04
849045.9	14.70	138.0	7.815E+04
850295.9	14.70	138.0	7.815E+04
851545.9	14.70	137.9	7.815E+04
852795.9	14.70	137.9	7.816E+04
854045.9	14.70	137.9	7.817E+04
855295.9	14.70	137.9	7.818E+04
856545.9	14.70	137.8	7.818E+04
857795.9	14.70	137.8	7.819E+04
859045.9	14.70	137.8	7.820E+04
860295.9	14.70	137.7	7.820E+04
861545.9	14.70	137.7	7.822E+04
862795.9	14.70	137.7	7.822E+04
864000	14.70	137.6	7.823E+04

Long-term DBA-LOCA NPSH Suppression Pool Pressure



Long-term DBA-LOCA NPSH Suppression Pool Temperature

