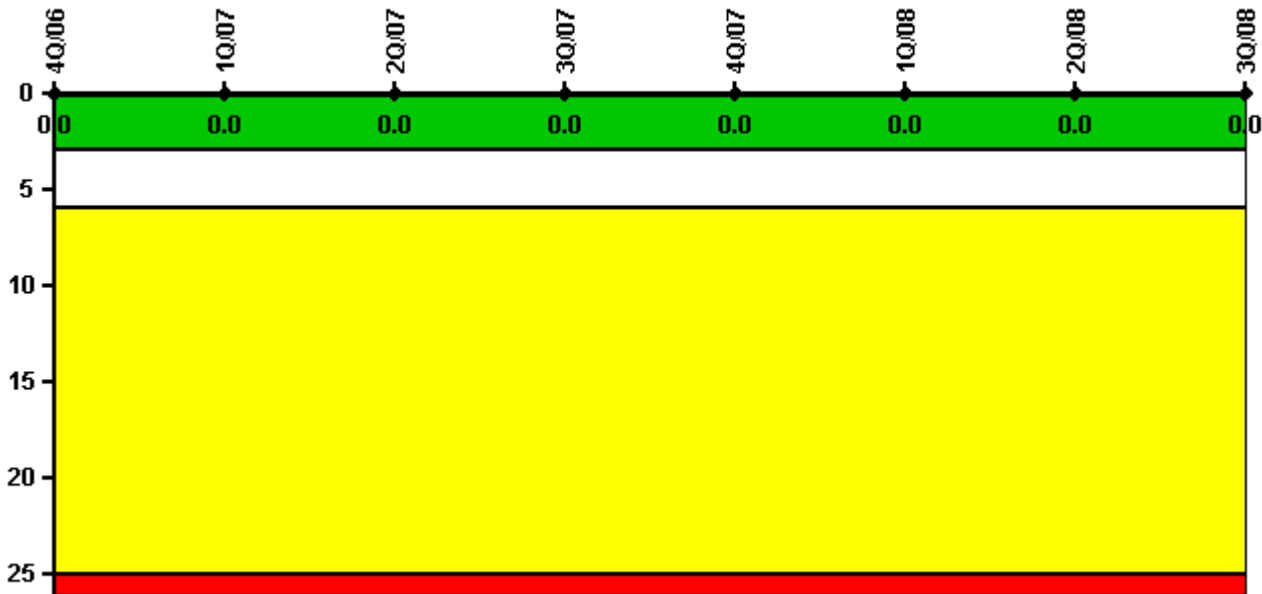


Saint Lucie 1

3Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



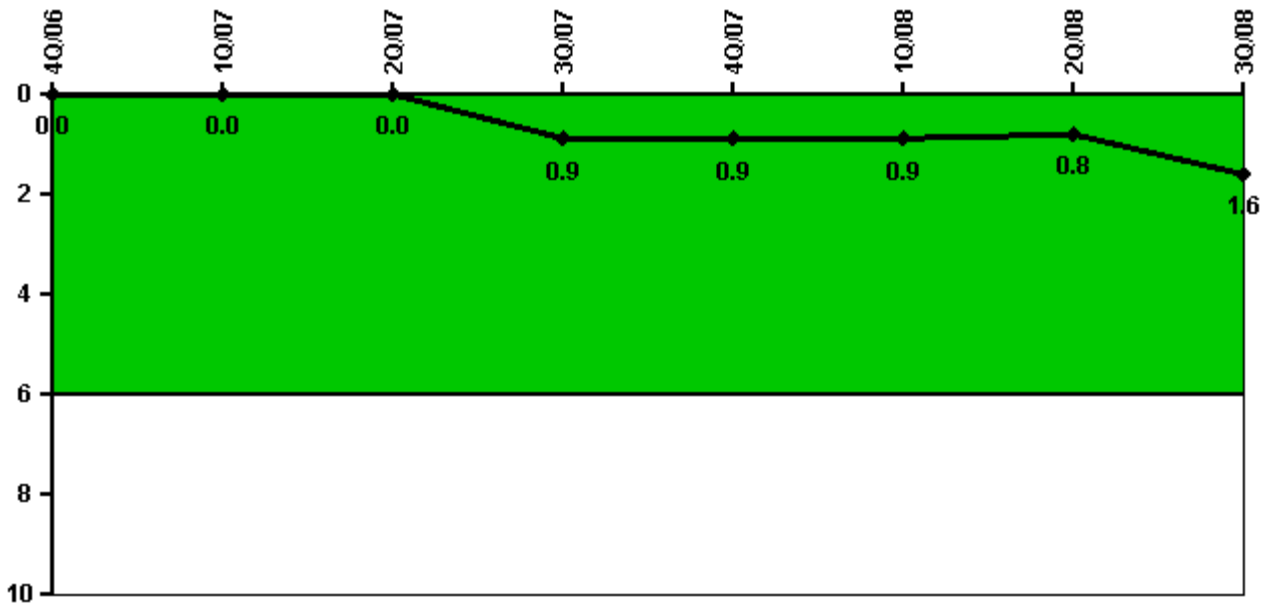
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	871.7	2208.0	2209.0	2183.0	2184.0	2091.3
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	0	0	0	1.0	0	0	0	2.0
Critical hours	2209.0	2159.0	871.7	2208.0	2209.0	2183.0	2184.0	2091.3
Indicator value	0	0	0	0.9	0.9	0.9	0.8	1.6

Licensee Comments: none

Unplanned Scrams with Complications



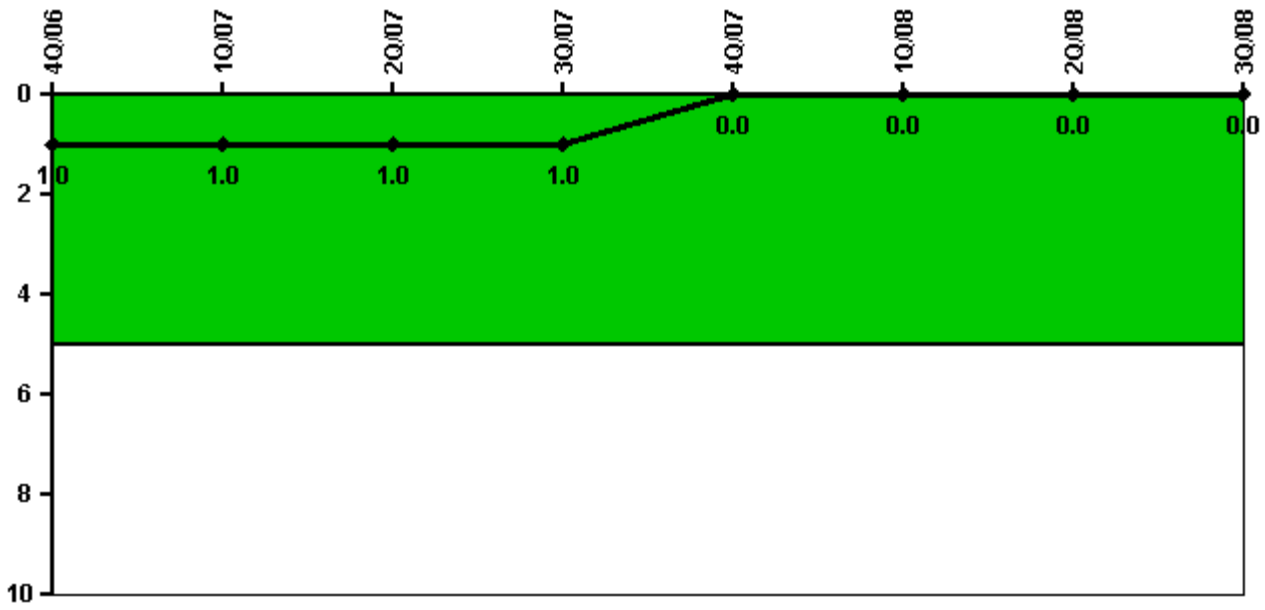
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value				0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



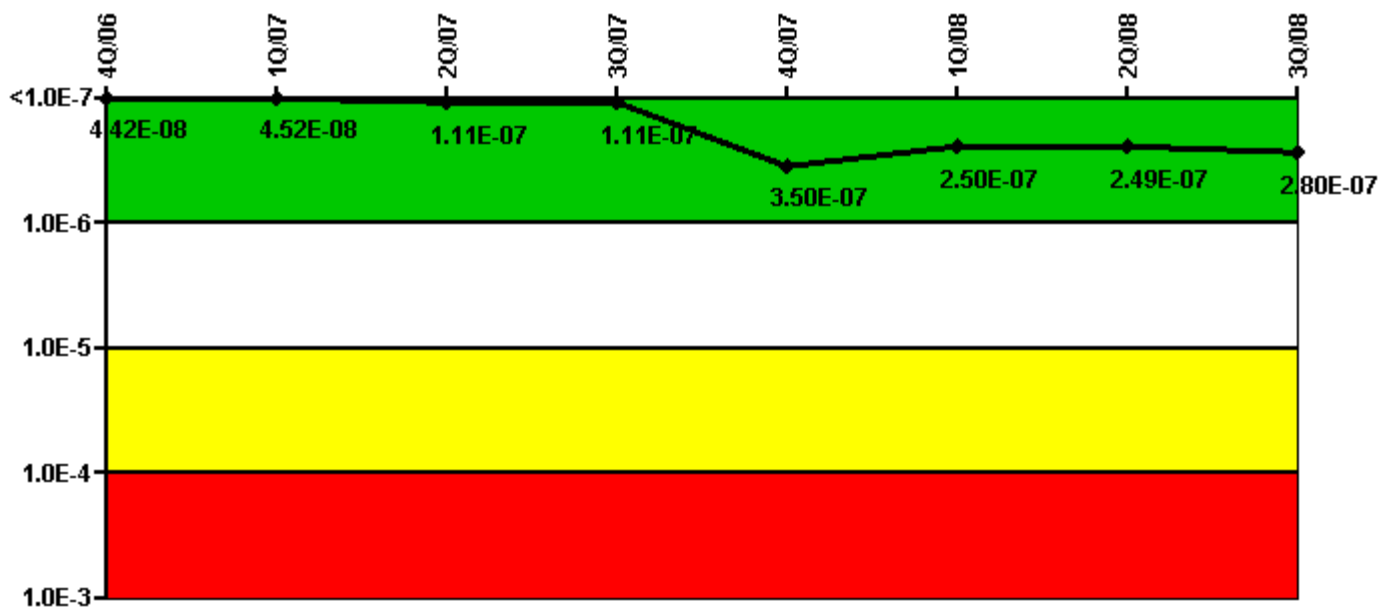
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

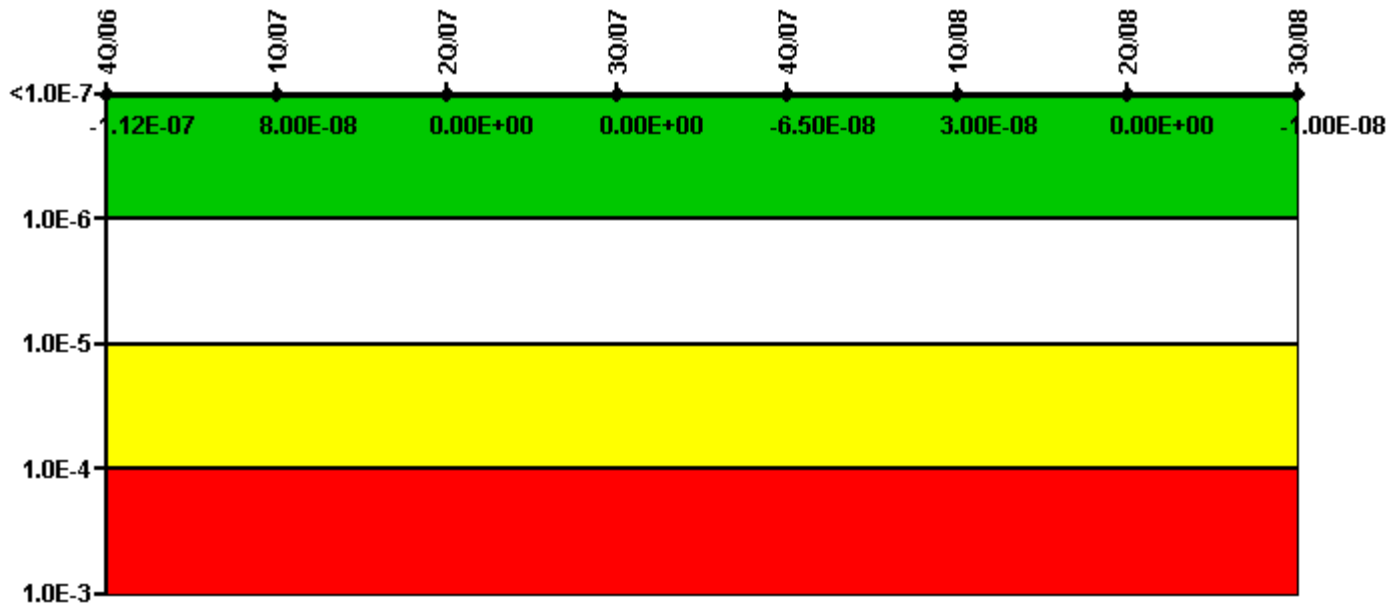
Mitigating Systems Performance Index, Emergency AC Power System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	5.10E-08	5.20E-08	1.10E-07	1.10E-07	1.40E-07	9.00E-08	8.90E-08	1.20E-07
URI (ΔCDF)	-6.80E-09	-6.80E-09	1.30E-09	1.30E-09	2.10E-07	1.60E-07	1.60E-07	1.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.42E-08	4.52E-08	1.11E-07	1.11E-07	3.50E-07	2.50E-07	2.49E-07	2.80E-07

Licensee Comments:

1Q/07: A forced override of the Train A FVUAP CDE data was performed to correct a typographical error made during the 4Q/2006 PSA model update data entry. The incorrect value of 1.4303 was corrected to 1.43E-03.

4Q/06: Unit 1 EAC train A FVUAP value was corrected. The September 06 MSPI Basis Document update value of 1.43E-03 was incorrectly entered as 1.4303 (no exponent). This value was corrected on February 8, 2007.

Mitigating Systems Performance Index, High Pressure Injection System



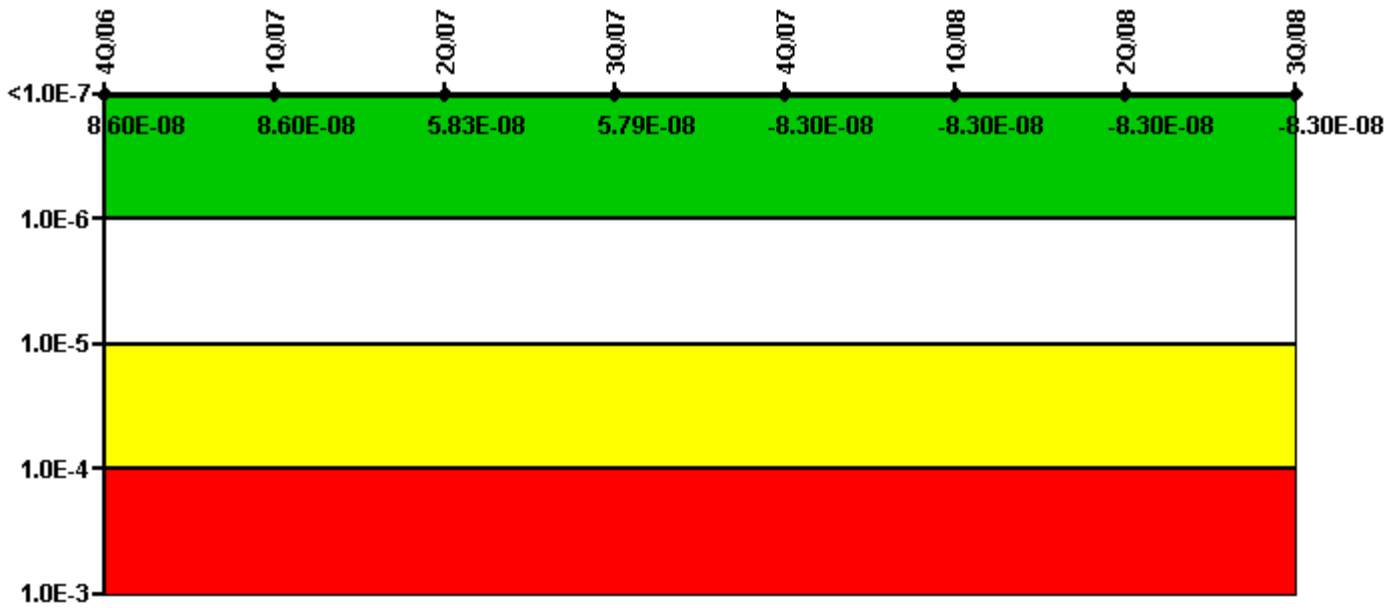
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	2.80E-08	2.20E-07	1.10E-07	1.10E-07	4.50E-08	1.40E-07	1.10E-07	1.00E-07
URI (Δ CDF)	-1.40E-07	-1.40E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.12E-07	8.00E-08	0.00E+00	0.00E+00	-6.50E-08	3.00E-08	0.00E+00	-1.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



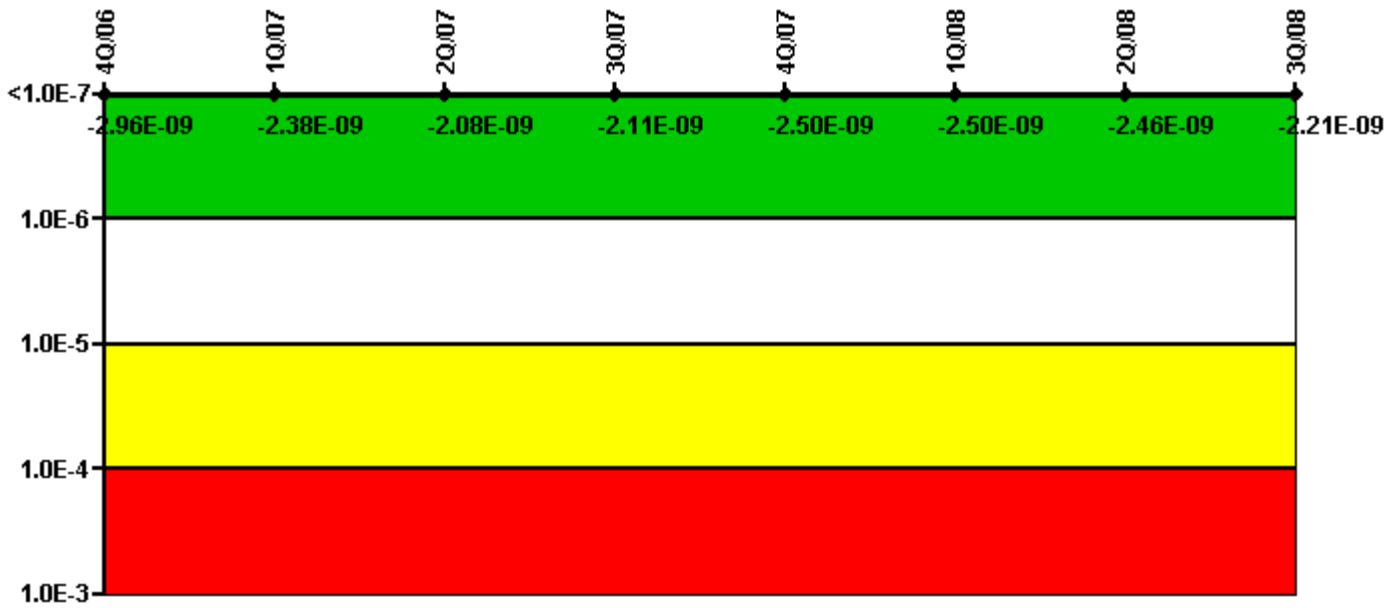
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	2.20E-08	2.20E-08	-2.70E-09	-3.10E-09	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08
URI (Δ CDF)	6.40E-08	6.40E-08	6.10E-08	6.10E-08	-7.10E-08	-7.10E-08	-7.10E-08	-7.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.60E-08	8.60E-08	5.83E-08	5.79E-08	8.30E-08	8.30E-08	8.30E-08	8.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



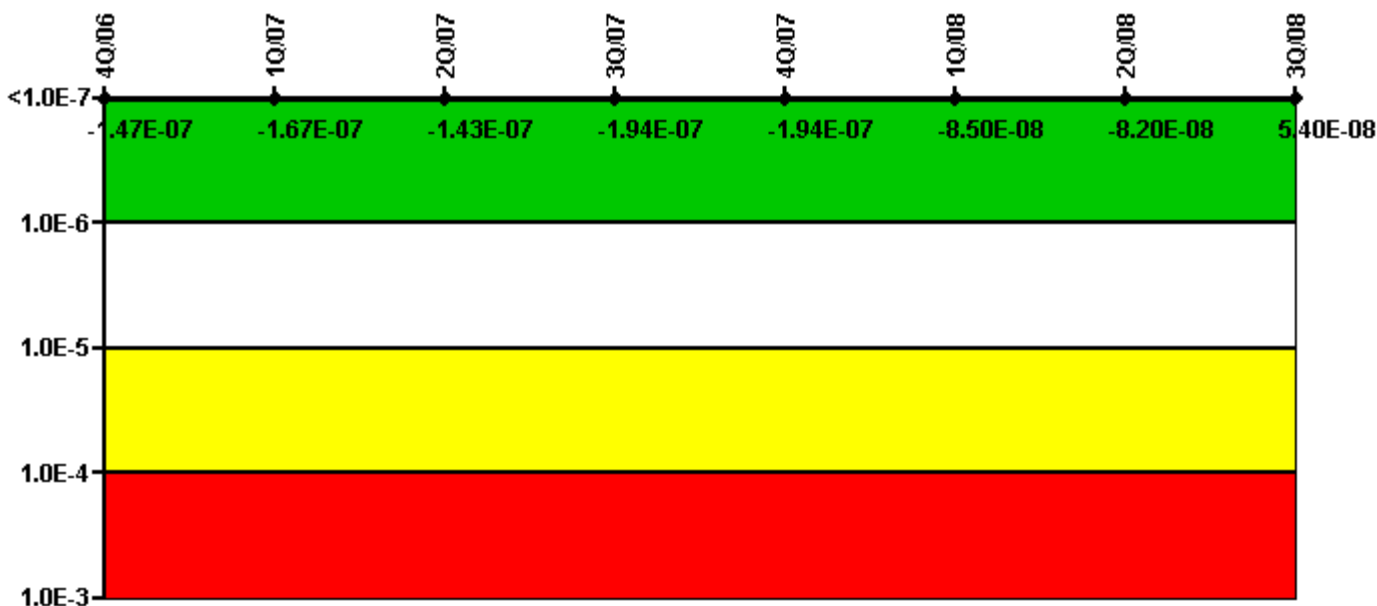
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-2.60E-10	3.20E-10	4.20E-10	3.90E-10	2.90E-12	2.20E-12	4.20E-11	2.90E-10
URI (Δ CDF)	-2.70E-09	-2.70E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.50E-09	-2.50E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.96E-09	-2.38E-09	-2.08E-09	-2.11E-09	-2.50E-09	-2.50E-09	-2.46E-09	-2.21E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



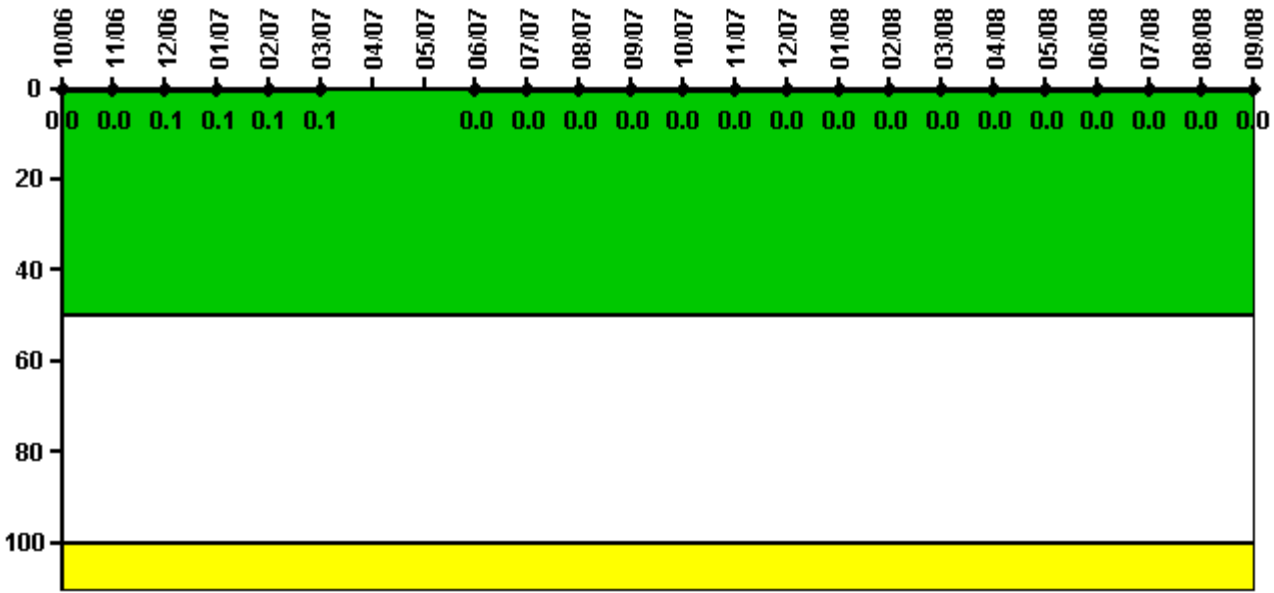
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-1.40E-07	-1.60E-07	-1.40E-07	-1.90E-07	-1.90E-07	-7.50E-08	-7.20E-08	6.40E-08
URI (Δ CDF)	-6.80E-09	-6.80E-09	-3.10E-09	-4.00E-09	-4.00E-09	-1.00E-08	-1.00E-08	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.47E-07	-1.67E-07	-1.43E-07	-1.94E-07	-1.94E-07	-8.50E-08	-8.20E-08	5.40E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

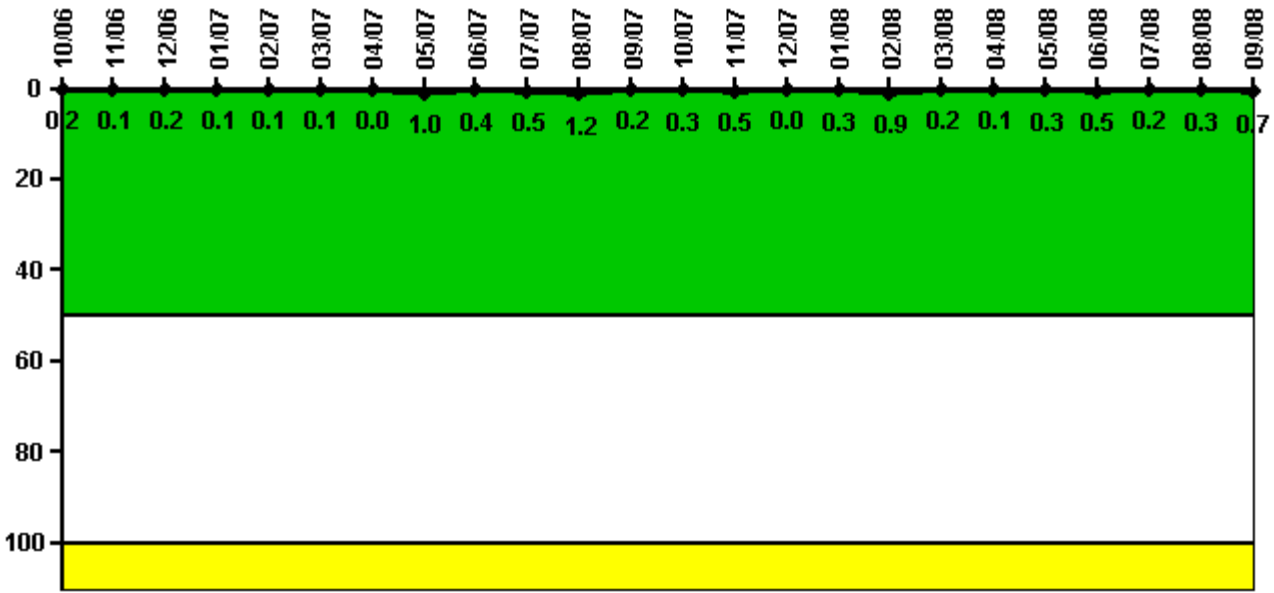
Notes

Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.000490	0.000499	0.000541	0.000525	0.000709	0.001150	N/A	N/A	0.000210	0.000402	0.000358	0.000193
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	0.1	N/A	N/A	0	0	0	0

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.000314	0.000382	0.000290	0.000299	0.000309	0.000341	0.000356	0.000414	0.000347	0.000362	0.000356	0.000400
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



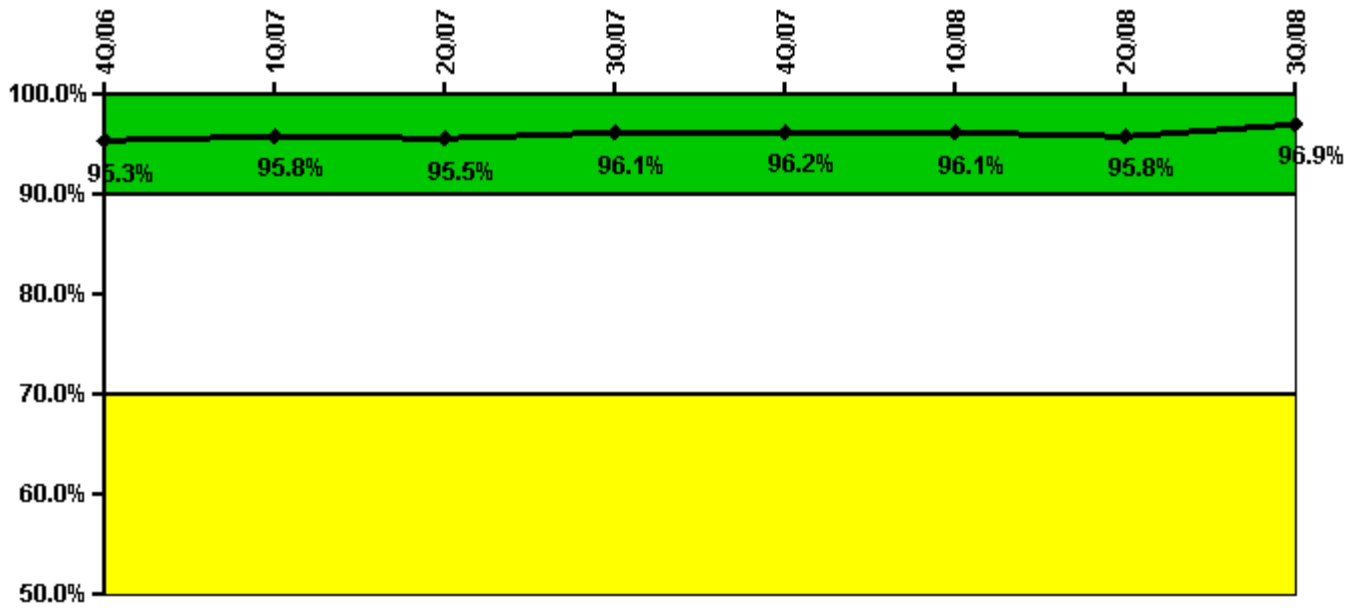
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.020	0.010	0.023	0.010	0.010	0.013	0	0.103	0.036	0.050	0.120	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.1	0.2	0.1	0.1	0.1	0	1.0	0.4	0.5	1.2	0.2
Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	0.030	0.045	0.004	0.030	0.088	0.024	0.005	0.030	0.050	0.020	0.030	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.5	0	0.3	0.9	0.2	0.1	0.3	0.5	0.2	0.3	0.7

Licensee Comments: none

Drill/Exercise Performance



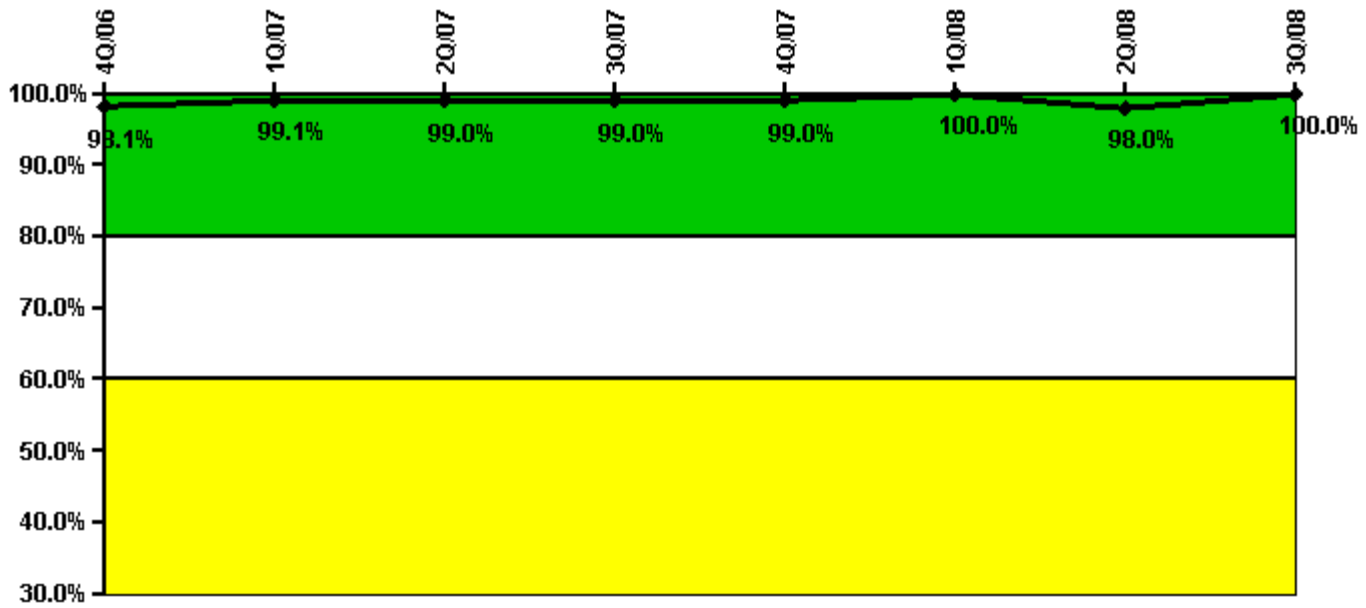
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	78.0	113.0	38.0	88.0	2.0	68.0	48.0	68.0
Total opportunities	80.0	116.0	39.0	90.0	2.0	72.0	51.0	69.0
Indicator value	95.3%	95.8%	95.5%	96.1%	96.2%	96.1%	95.8%	96.9%

Licensee Comments: none

ERO Drill Participation



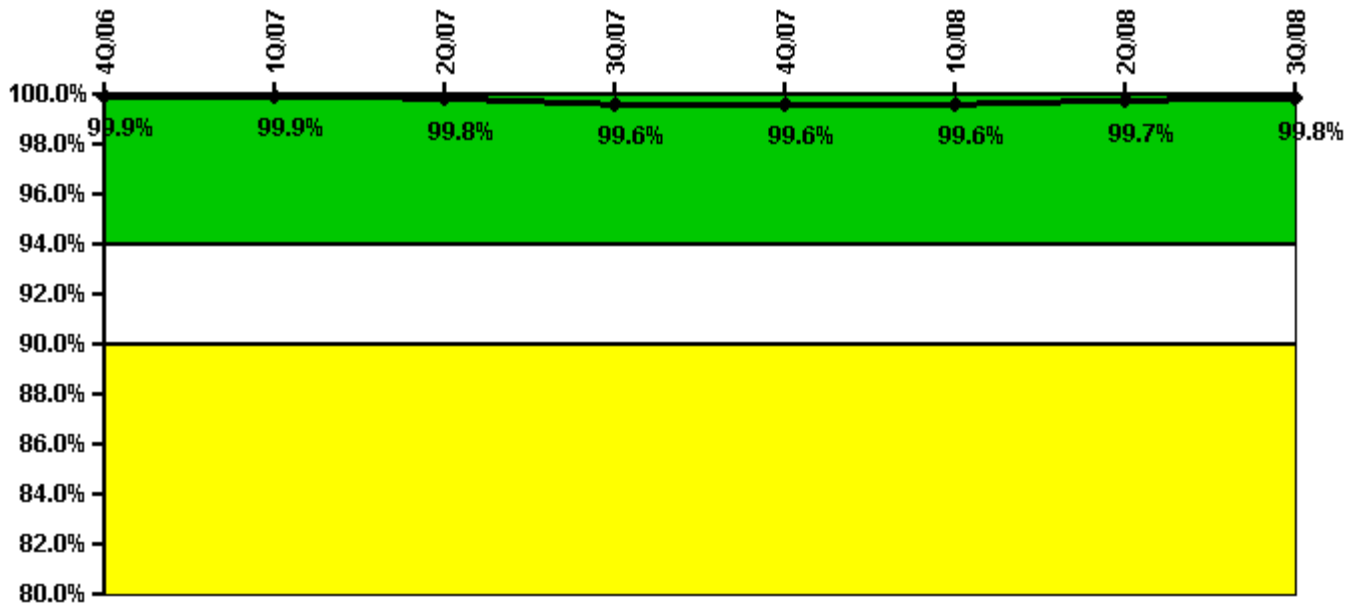
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	104.0	106.0	101.0	98.0	97.0	101.0	96.0	97.0
Total Key personnel	106.0	107.0	102.0	99.0	98.0	101.0	98.0	97.0
Indicator value	98.1%	99.1%	99.0%	99.0%	99.0%	100.0%	98.0%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	629	719	627	714	719	629	719	627
Total sirens-tests	630	720	630	720	720	630	720	630
Indicator value	99.9%	99.9%	99.8%	99.6%	99.6%	99.6%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Security information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: November 26, 2008