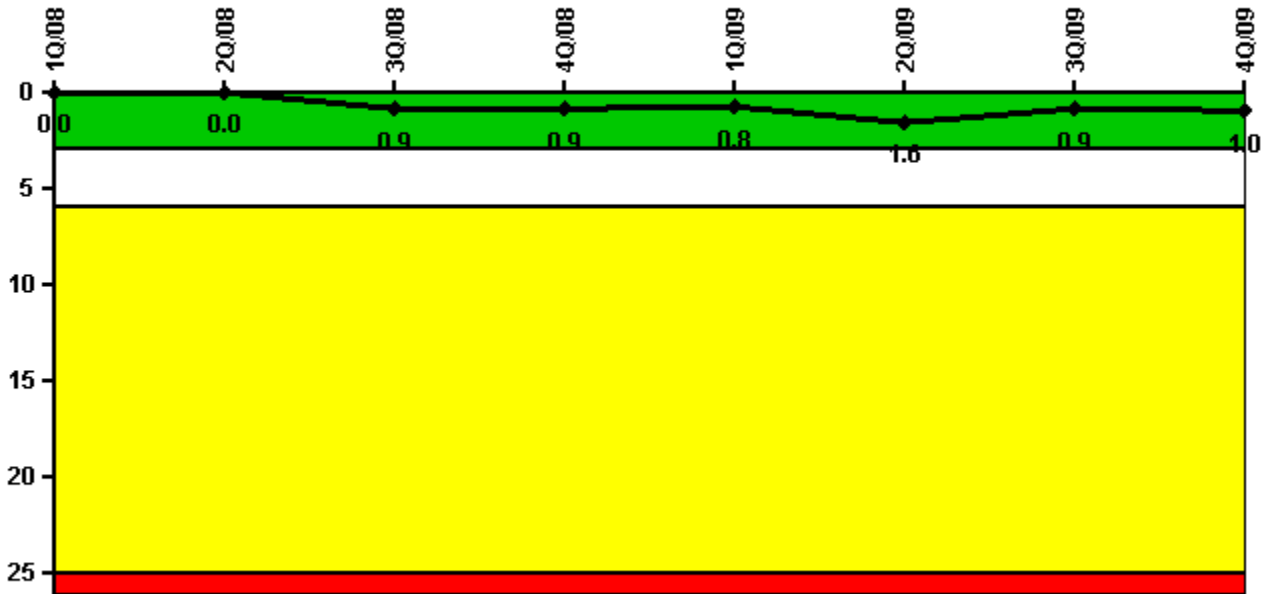


Prairie Island 1

4Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



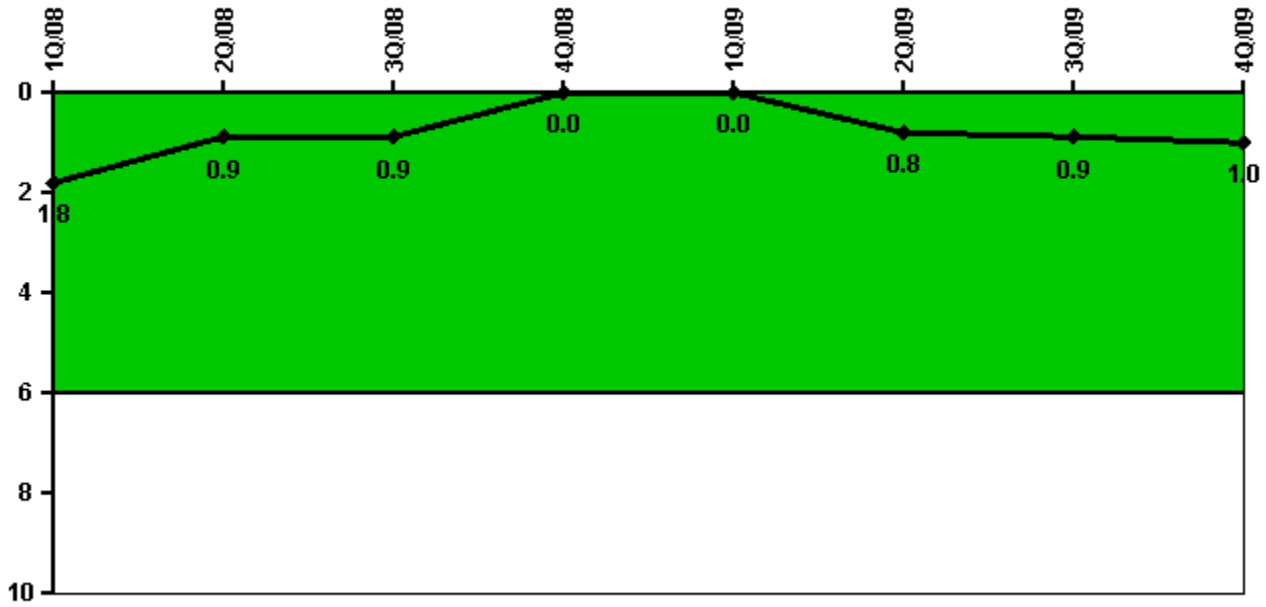
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned scrams	0	0	1.0	0	0	1.0	0	0
Critical hours	1292.3	2184.0	2150.7	2209.0	2159.0	2111.1	1751.7	971.1
Indicator value	0	0	0.9	0.9	0.8	1.6	0.9	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	1292.3	2184.0	2150.7	2209.0	2159.0	2111.1	1751.7	971.1
Indicator value	1.8	0.9	0.9	0	0	0.8	0.9	1.0

Licensee Comments: none

Unplanned Scrams with Complications



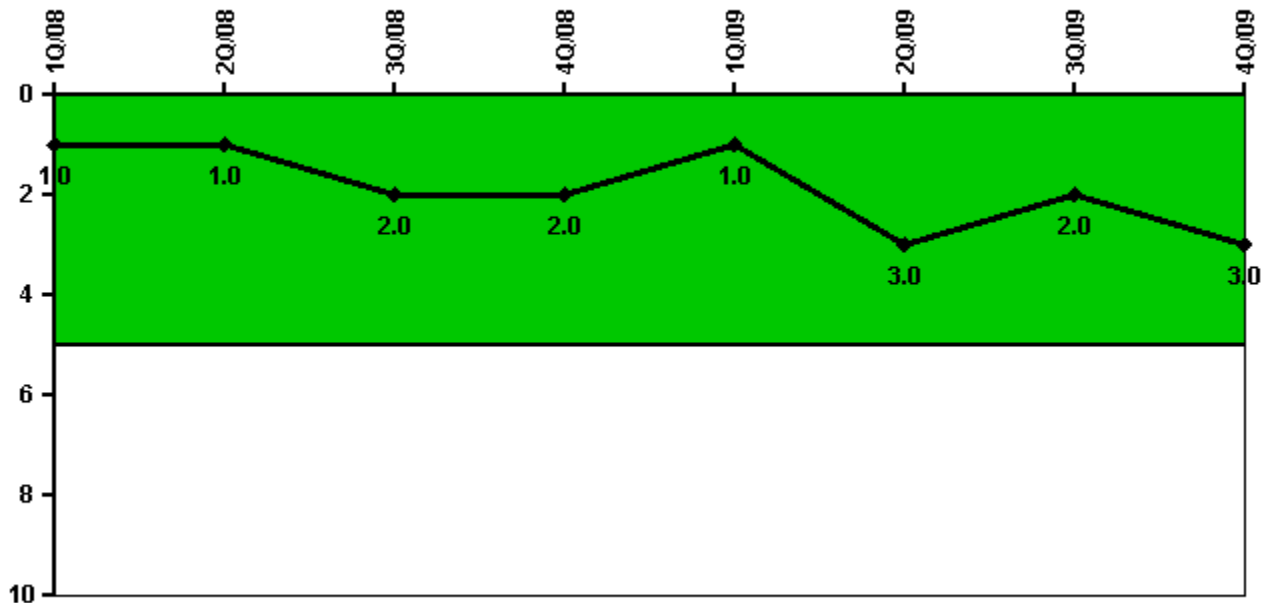
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

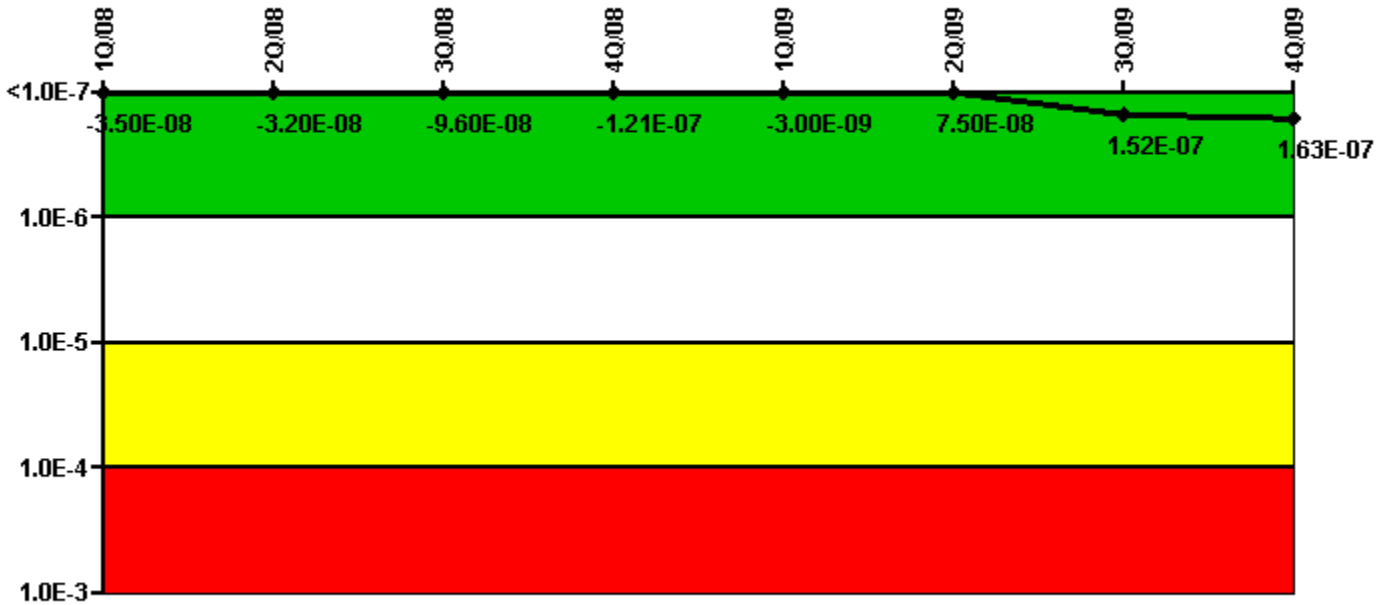
Notes

Safety System Functional Failures (PWR)	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Safety System Functional Failures	1	0	1	0	0	2	0	1
Indicator value	1	1	2	2	1	3	2	3

Licensee Comments:

2Q/09: LER 1-09-04: 06/05/2009 Residual Heat Removal System Inoperability While in Mode 4 Due to Potential Steam Voiding. LER 1-09-03: 5/22/2009 Component Cooling System Vulnerability to Tornado Missile Hazard.

Mitigating Systems Performance Index, Emergency AC Power System



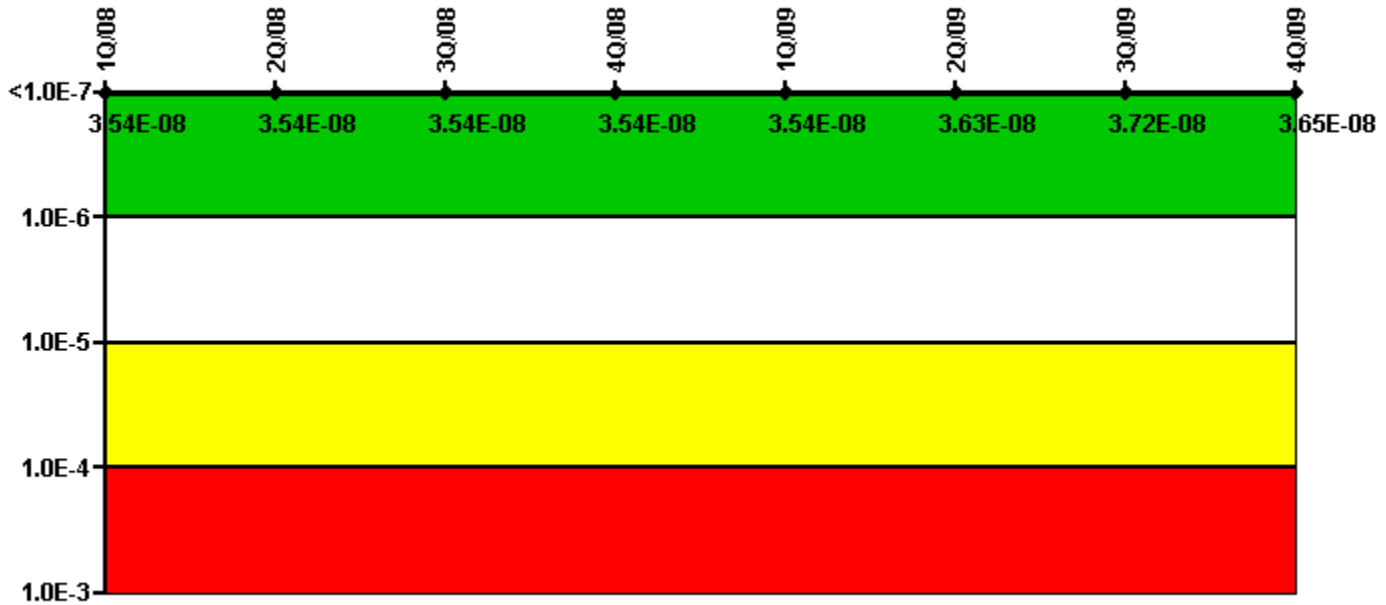
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	3.80E-08	4.00E-08	3.40E-08	8.80E-09	6.80E-08	8.40E-08	9.90E-08	1.10E-07
URI (ΔCDF)	-7.30E-08	-7.20E-08	-1.30E-07	-1.30E-07	-7.10E-08	-9.00E-09	5.30E-08	5.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.50E-08	-3.20E-08	-9.60E-08	-1.21E-07	-3.00E-09	7.50E-08	1.52E-07	1.63E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



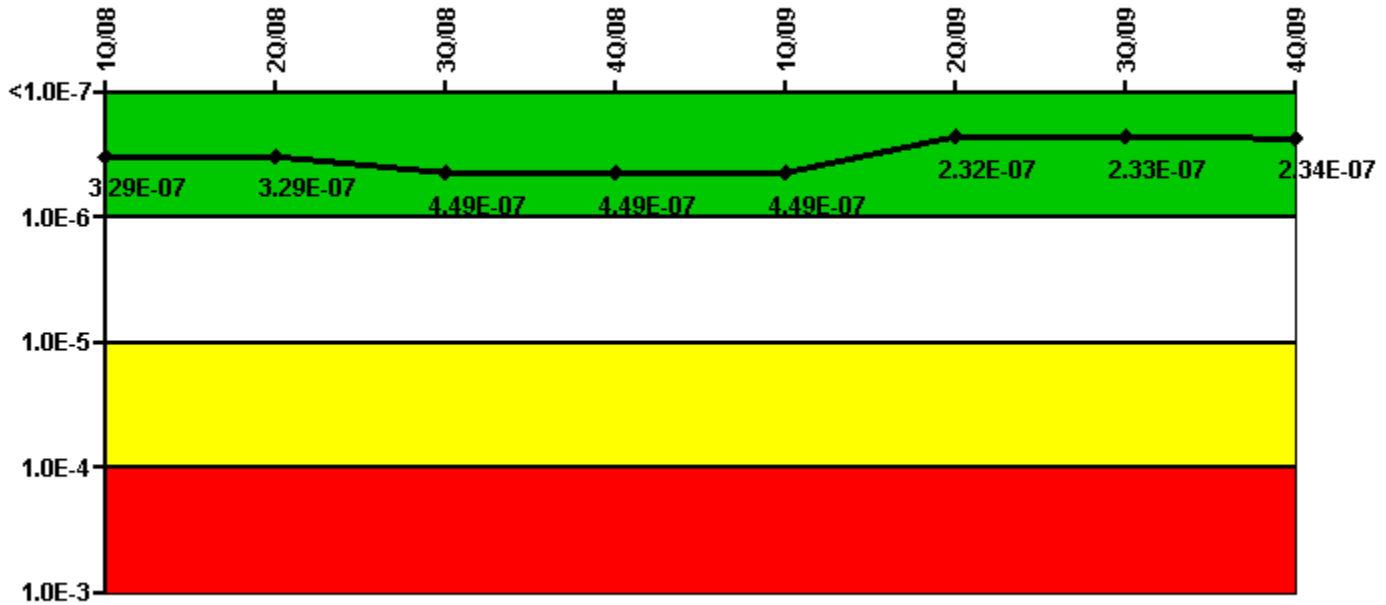
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-3.60E-09	-3.60E-09	-3.60E-09	-3.60E-09	-3.60E-09	-3.70E-09	-2.80E-09	-2.50E-09
URI (Δ CDF)	3.90E-08	3.90E-08	3.90E-08	3.90E-08	3.90E-08	4.00E-08	4.00E-08	3.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.54E-08	3.54E-08	3.54E-08	3.54E-08	3.54E-08	3.63E-08	3.72E-08	3.65E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



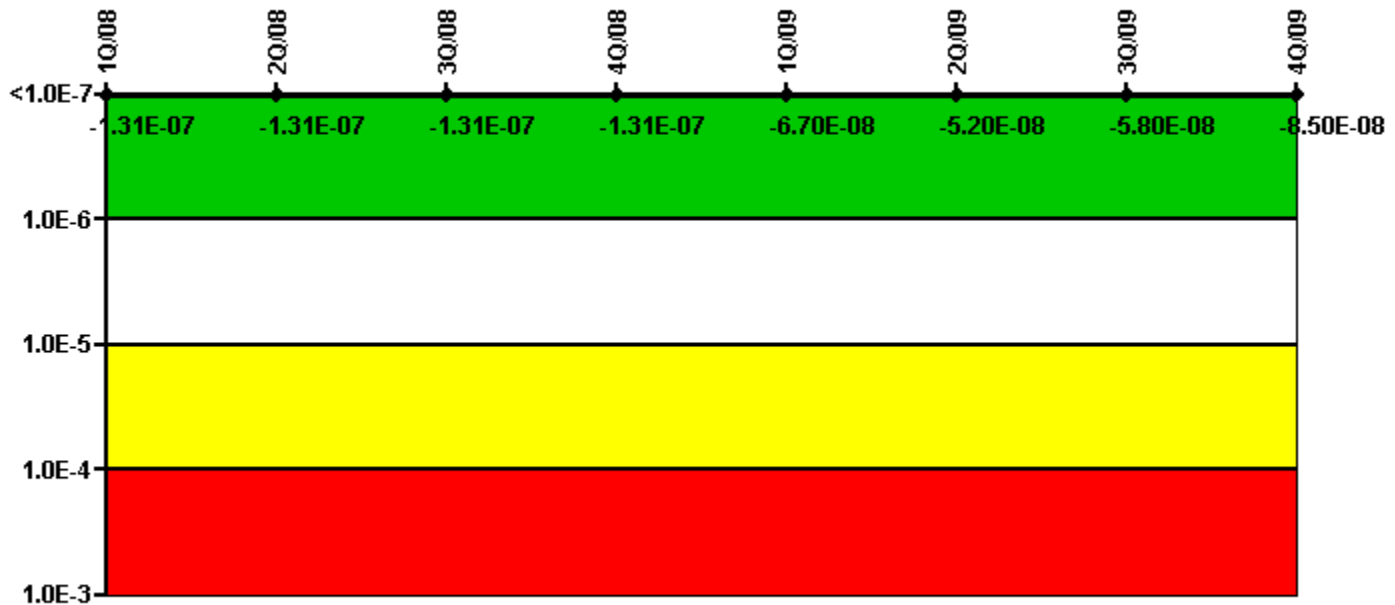
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-1.40E-09	-1.40E-09	9.10E-09	9.10E-09	9.10E-09	-7.90E-09	-7.50E-09	-6.50E-09
URI (Δ CDF)	3.30E-07	3.30E-07	4.40E-07	4.40E-07	4.40E-07	2.40E-07	2.40E-07	2.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.29E-07	3.29E-07	4.49E-07	4.49E-07	4.49E-07	2.32E-07	2.33E-07	2.34E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



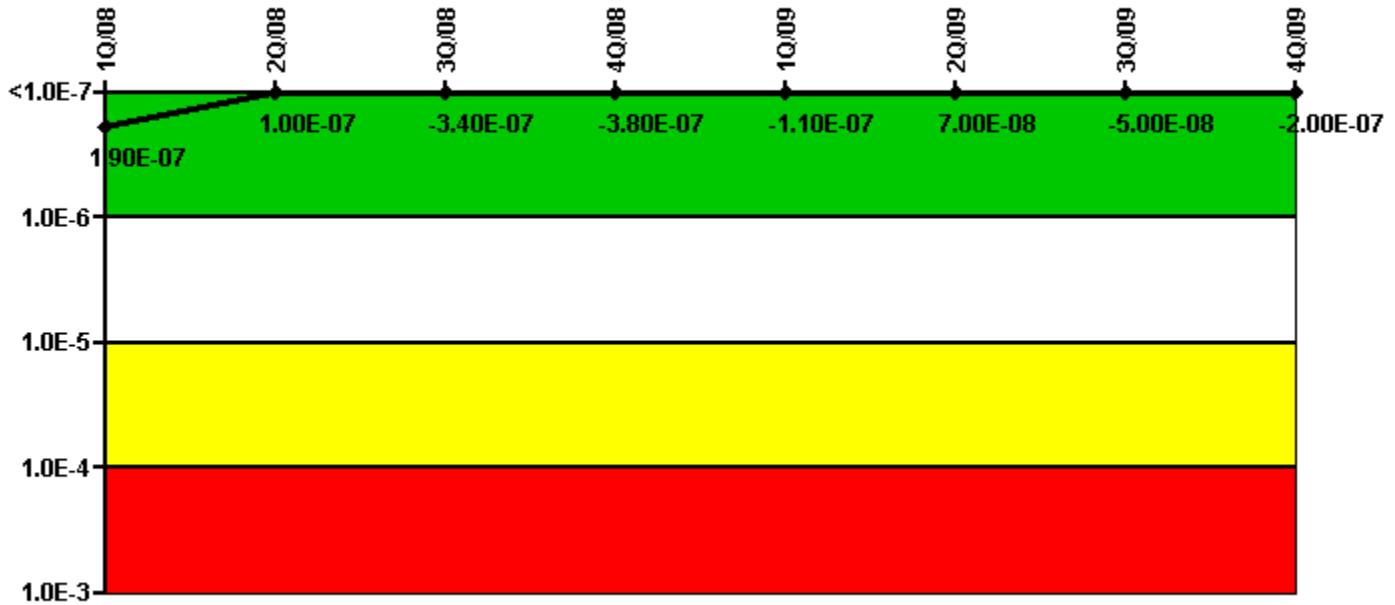
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-2.10E-08	-2.10E-08	-2.10E-08	-2.10E-08	4.30E-08	4.10E-08	4.20E-08	4.50E-08
URI (Δ CDF)	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-9.30E-08	-1.00E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.31E-07	-1.31E-07	-1.31E-07	-1.31E-07	-6.70E-08	-5.20E-08	-5.80E-08	-8.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



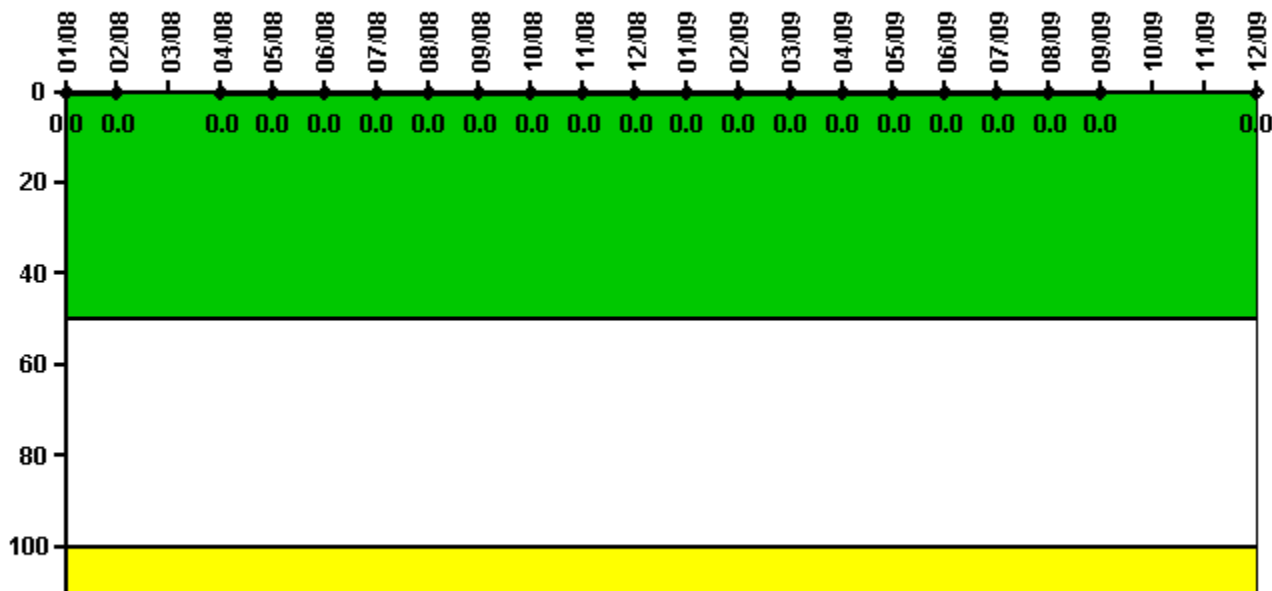
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	3.00E-07	2.10E-07	1.60E-07	1.20E-07	3.90E-07	5.70E-07	4.60E-07	3.20E-07
URI (Δ CDF)	-1.10E-07	-1.10E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.10E-07	-5.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.90E-07	1.00E-07	-3.40E-07	-3.80E-07	-1.10E-07	7.00E-08	-5.00E-08	-2.00E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum activity	0.000180	0.000170	N/A	0.000120	0.000093	0.000110	0.000190	0.000110	0.000120	0.000110	0.000120	0.000120
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	N/A	0	0	0	0	0	0	0	0	0

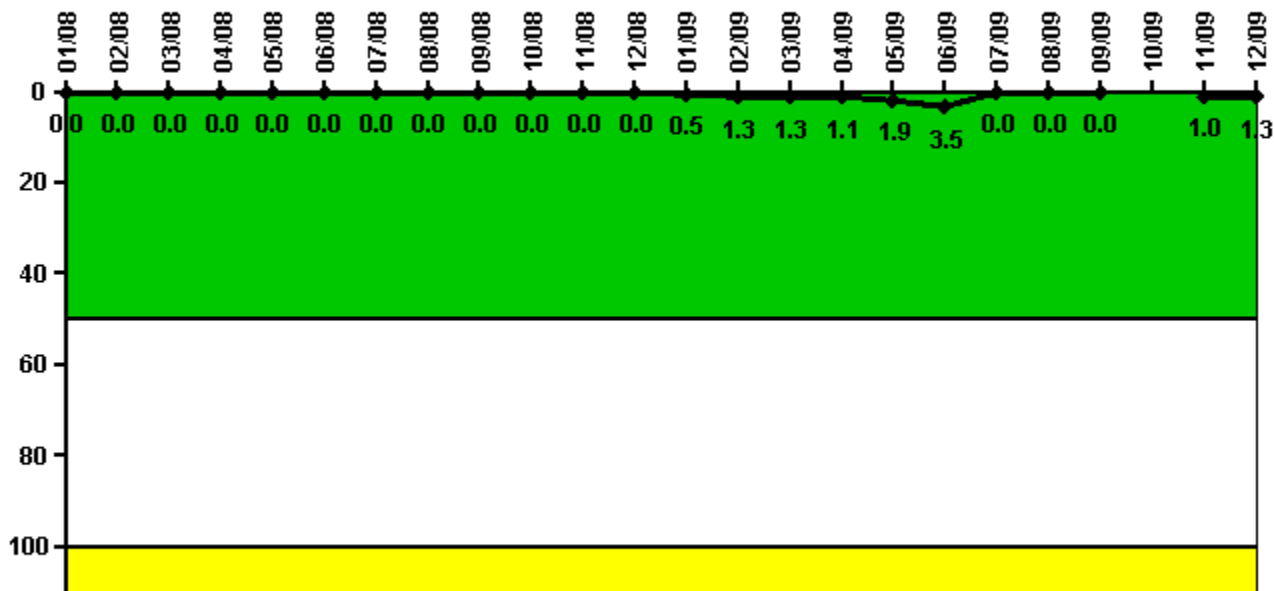
Reactor Coolant System Activity	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum activity	0.000130	0.000140	0.000130	0.000140	0.000130	0.000150	0.000150	0.000150	0.000140	N/A	N/A	0.000095
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5
Indicator value	0	0	0	0	0	0	0	0	0	N/A	N/A	0

Licensee Comments:

12/09: Unit One entered refueling outage 9/11/09. Unit was shutdown entire month of October. Reactor was brought to criticality in November, however never met reporting requirements (>85%, Steady state power for at least 3 days).

9/09: Tech Spec Limit for I-131 changed from 1.0 to 0.5 as of September 2009. This change was documented by License Amendment No. 191 (DPR-42)/ 180 (DPR-60) in our Technical Specifications.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

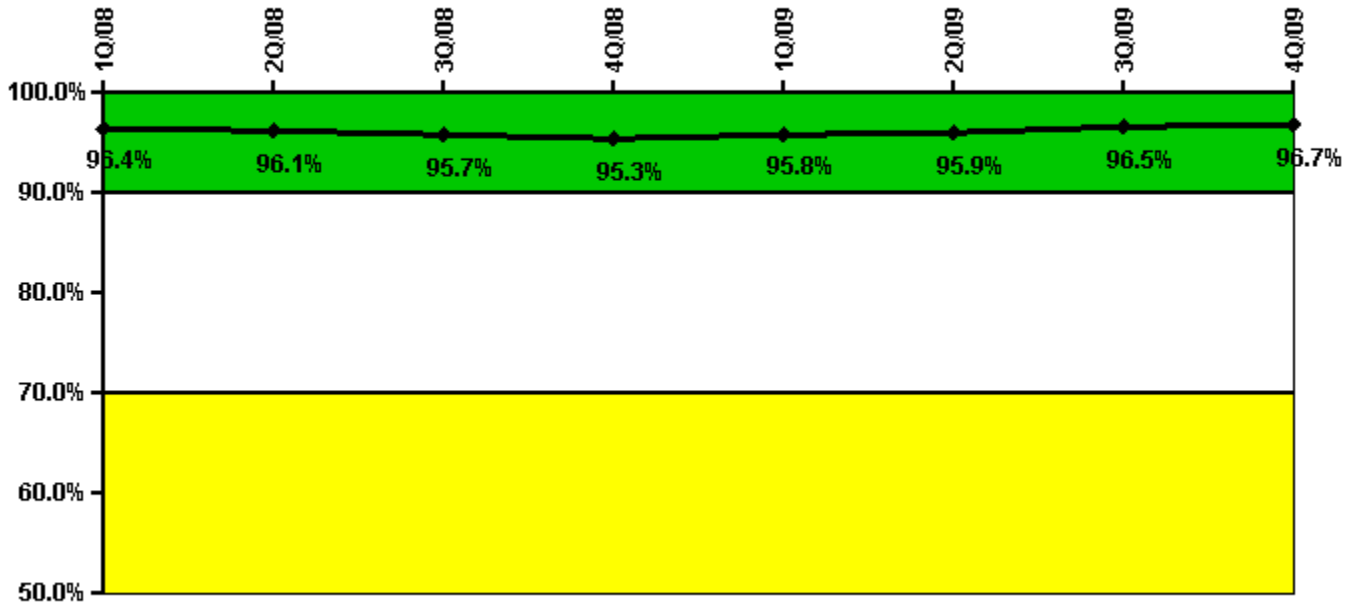
Notes

Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	0.053	0.132	0.132	0.108	0.187	0.350	0	0	0	N/A	0.103	0.129
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	0.5	1.3	1.3	1.1	1.9	3.5	0	0	0	N/A	1.0	1.3

Licensee Comments:

12/09: Unit one was in refueling the entire month of October. RCS leakage surveillance requirement was not required per the technical specifications for the given reactor state.

Drill/Exercise Performance



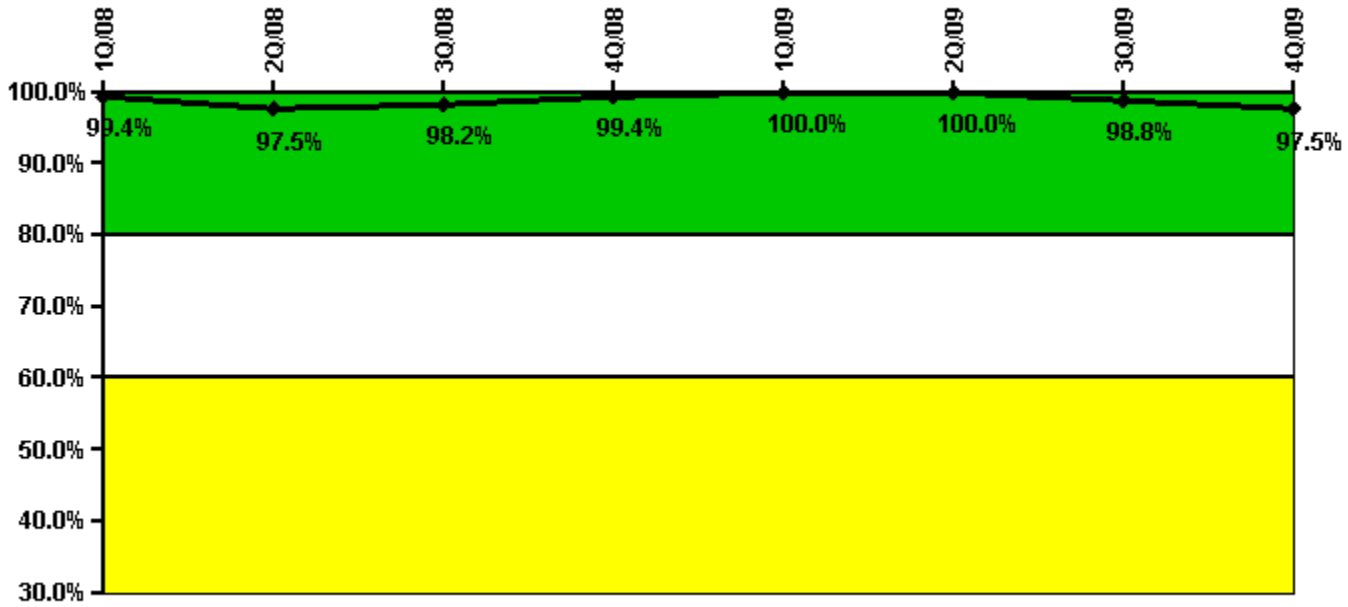
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful opportunities	47.0	51.0	41.0	16.0	99.0	43.0	9.0	20.0
Total opportunities	51.0	52.0	44.0	18.0	99.0	44.0	9.0	20.0
Indicator value	96.4%	96.1%	95.7%	95.3%	95.8%	95.9%	96.5%	96.7%

Licensee Comments: none

ERO Drill Participation



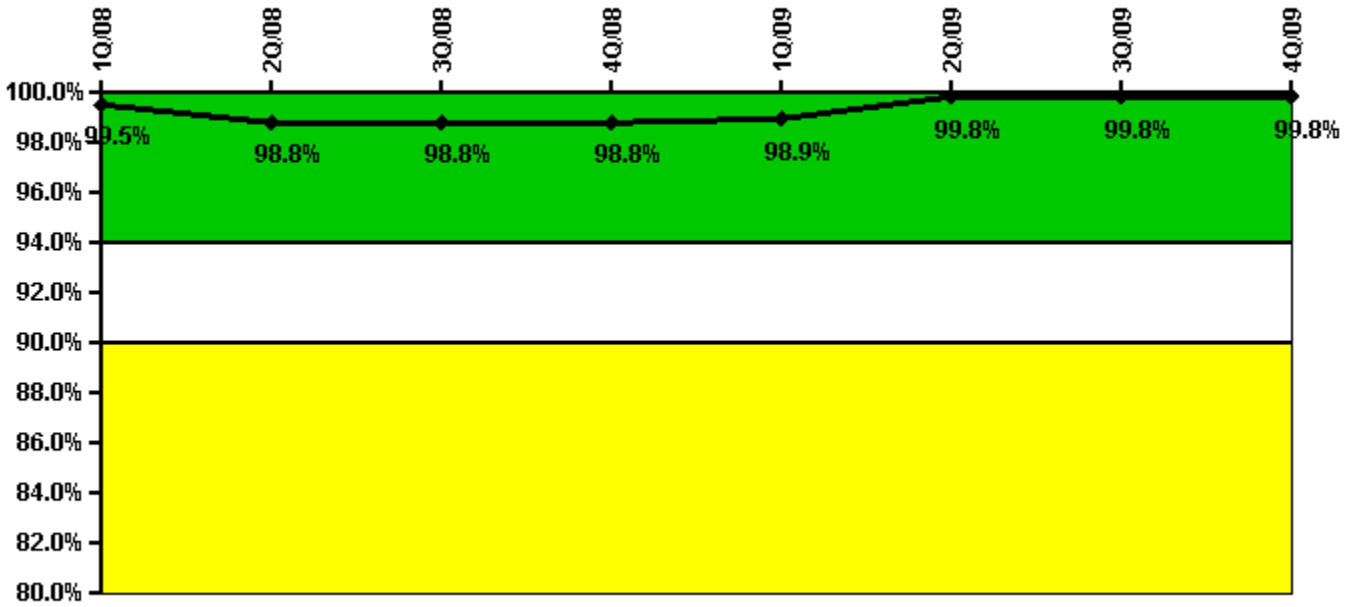
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Participating Key personnel	166.0	154.0	160.0	158.0	160.0	175.0	162.0	159.0
Total Key personnel	167.0	158.0	163.0	159.0	160.0	175.0	164.0	163.0
Indicator value	99.4%	97.5%	98.2%	99.4%	100.0%	100.0%	98.8%	97.5%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful siren-tests	1513	1466	1515	1517	1401	1520	1636	1517
Total sirens-tests	1521	1521	1521	1521	1404	1521	1638	1521
Indicator value	99.5%	98.8%	98.8%	98.8%	98.9%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
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	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
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.