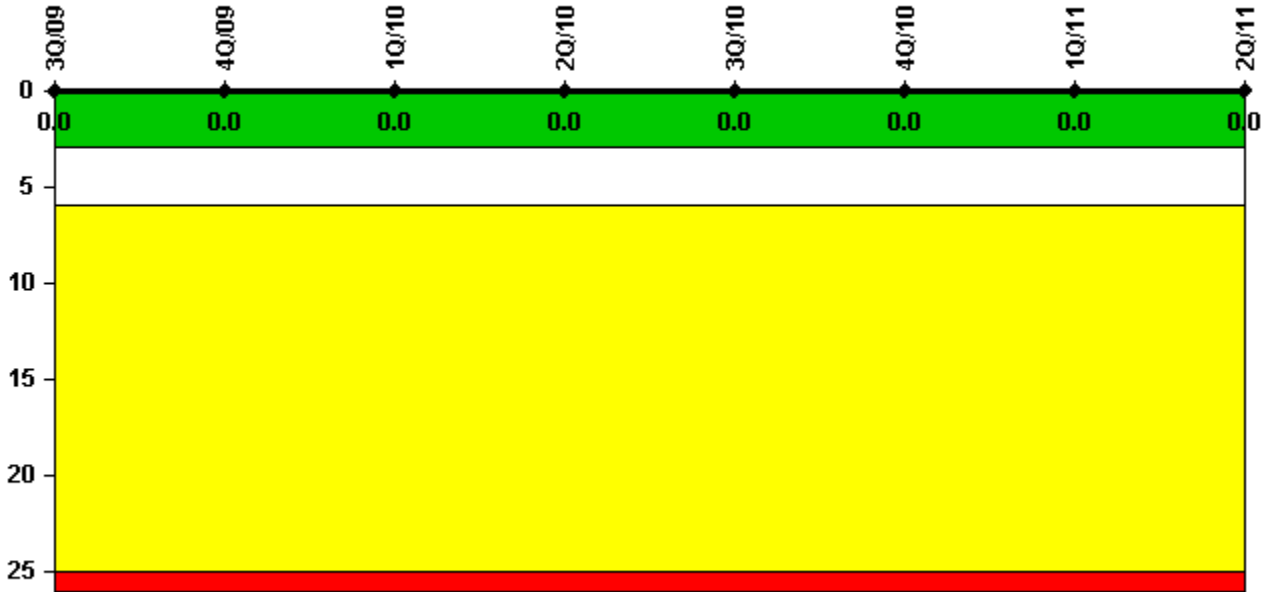


Seabrook 1

2Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



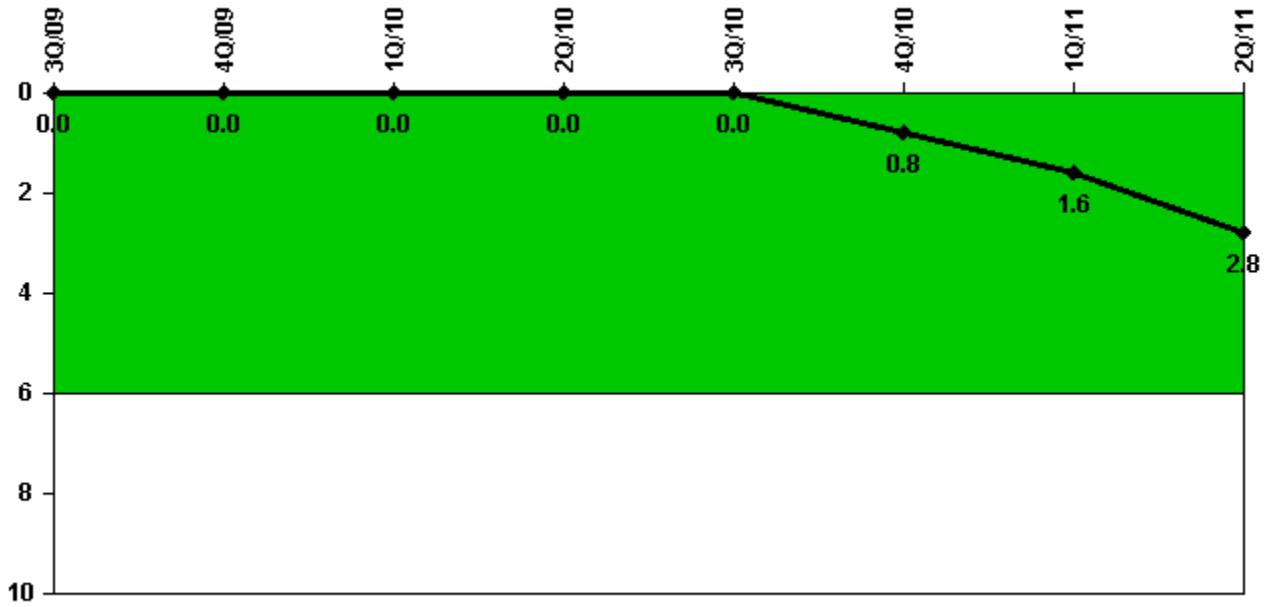
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	1028.9	2159.0	2184.0	2208.0	2209.0	2159.0	934.4
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	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	0	0	0	0	0	1.0	1.0	1.0
Critical hours	2208.0	1028.9	2159.0	2184.0	2208.0	2209.0	2159.0	934.4
Indicator value	0	0	0	0	0	0.8	1.6	2.8

Licensee Comments: none

Unplanned Scrams with Complications



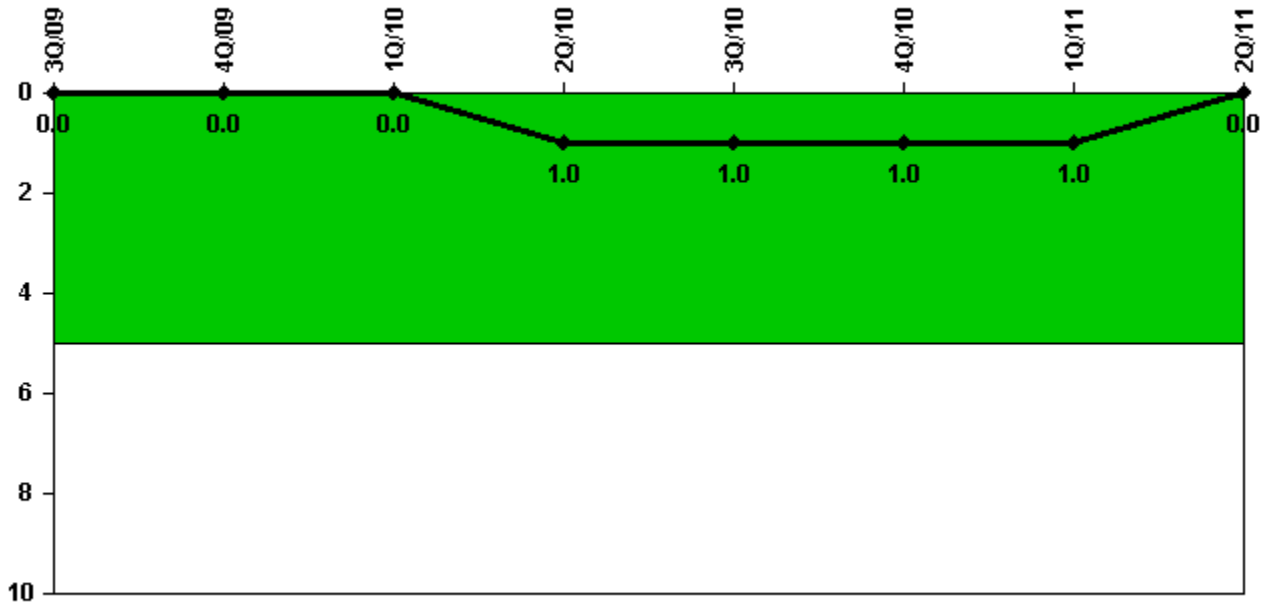
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
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)



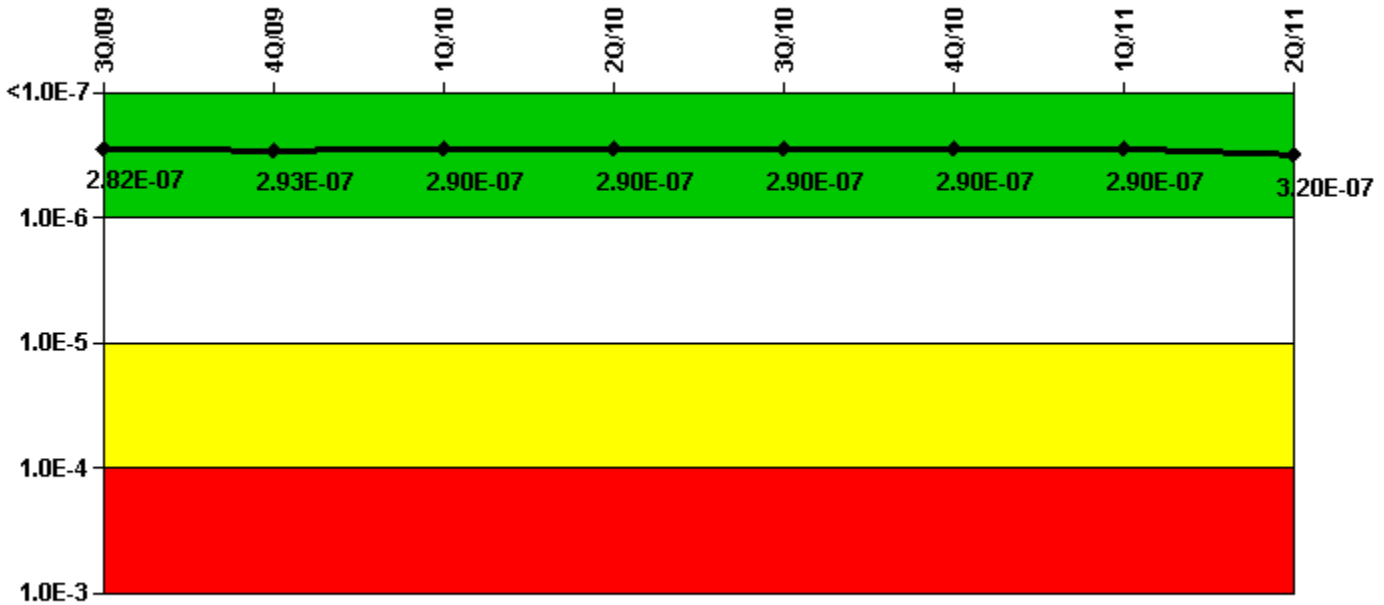
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



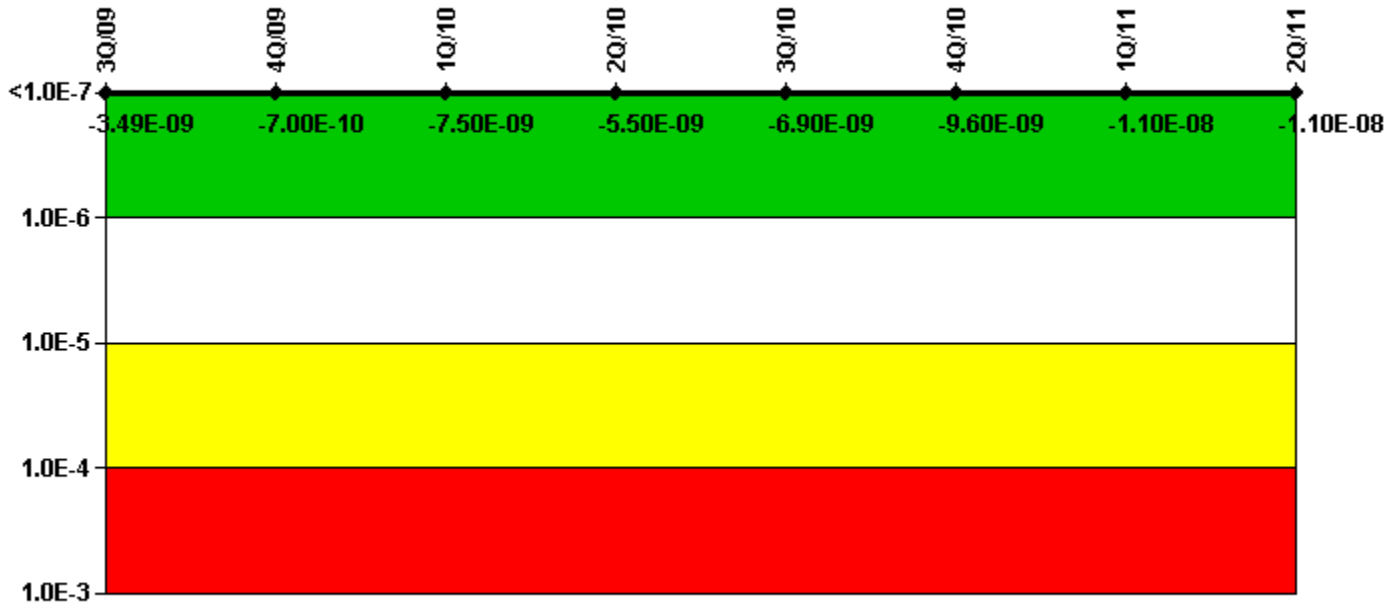
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	2.40E-09	2.90E-09	2.89E-09	2.89E-09	2.89E-09	2.89E-09	2.47E-09	3.11E-09
URI (Δ CDF)	2.80E-07	2.90E-07	2.86E-07	2.87E-07	2.88E-07	2.87E-07	2.90E-07	3.21E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.82E-07	2.93E-07	2.90E-07	2.90E-07	2.90E-07	2.90E-07	2.90E-07	3.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



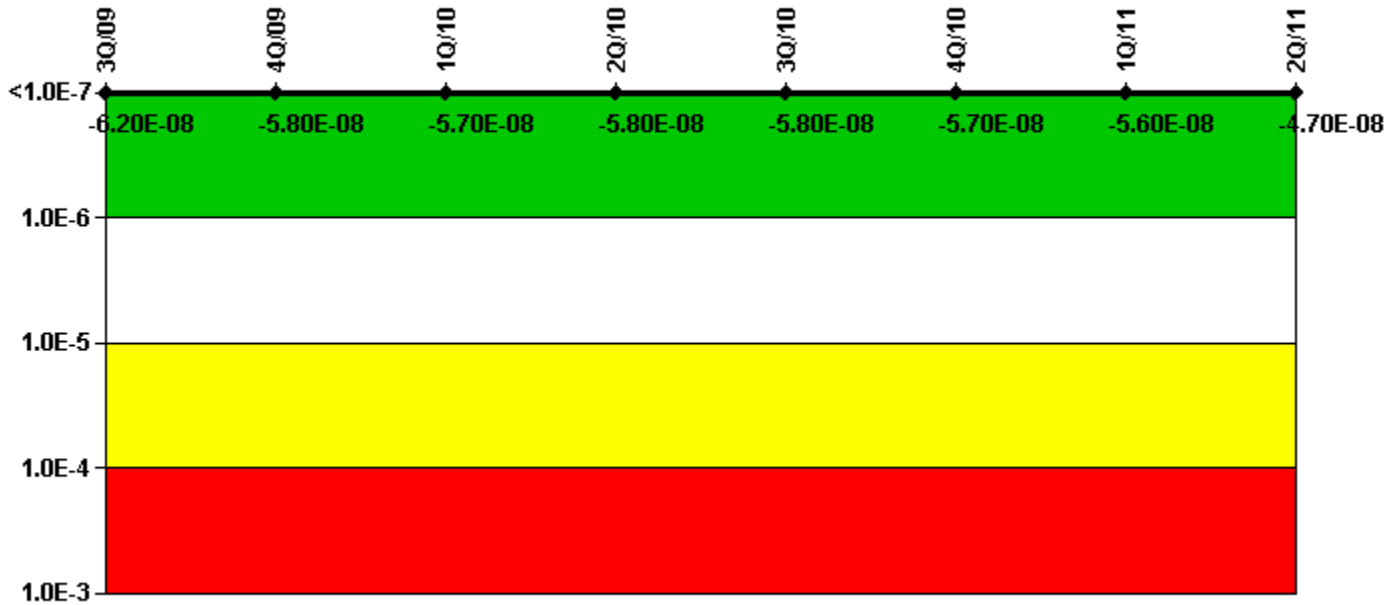
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	1.10E-10	3.20E-09	-3.59E-09	-1.63E-09	-2.99E-09	-5.70E-09	-6.68E-09	-6.91E-09
URI (Δ CDF)	-3.60E-09	-3.90E-09	-3.90E-09	-3.87E-09	-3.87E-09	-3.87E-09	-3.84E-09	-4.15E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.49E-09	-7.00E-10	-7.50E-09	-5.50E-09	-6.90E-09	-9.60E-09	-1.10E-08	-1.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



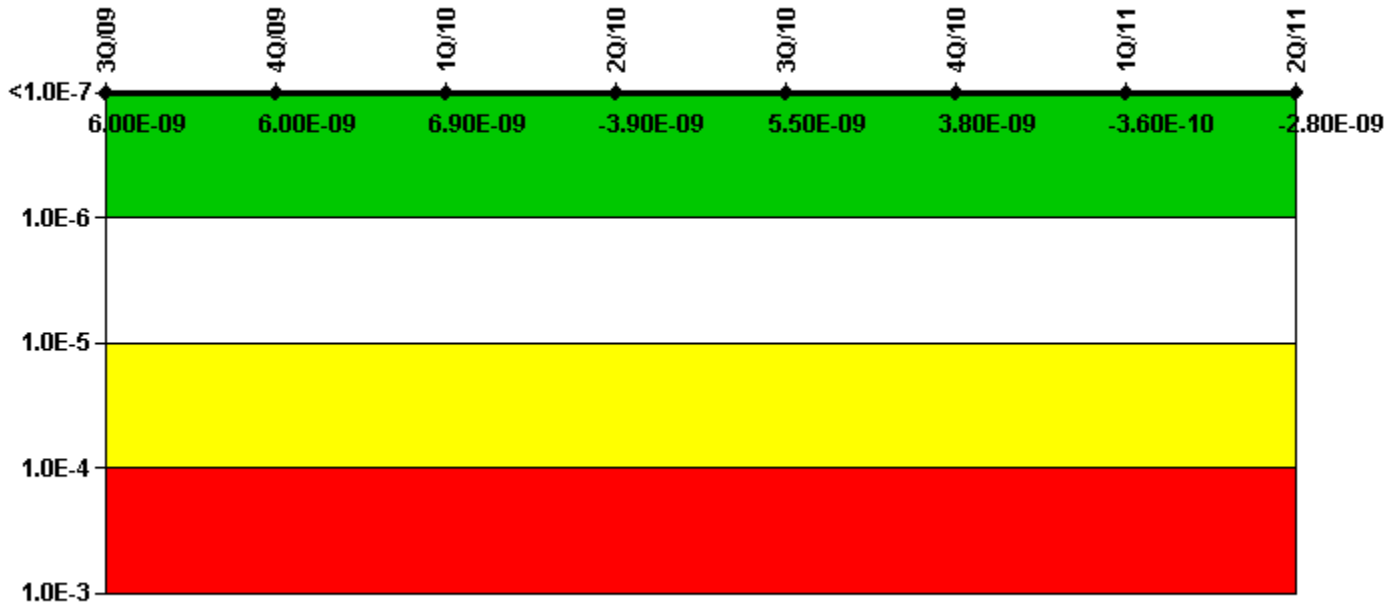
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	-1.40E-08	-1.10E-08	-1.01E-08	-1.12E-08	-1.11E-08	-1.06E-08	-1.05E-08	-3.73E-09
URI (Δ CDF)	-4.80E-08	-4.70E-08	-4.71E-08	-4.70E-08	-4.70E-08	-4.68E-08	-4.53E-08	-4.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.20E-08	-5.80E-08	-5.70E-08	-5.80E-08	-5.80E-08	-5.70E-08	-5.60E-08	-4.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



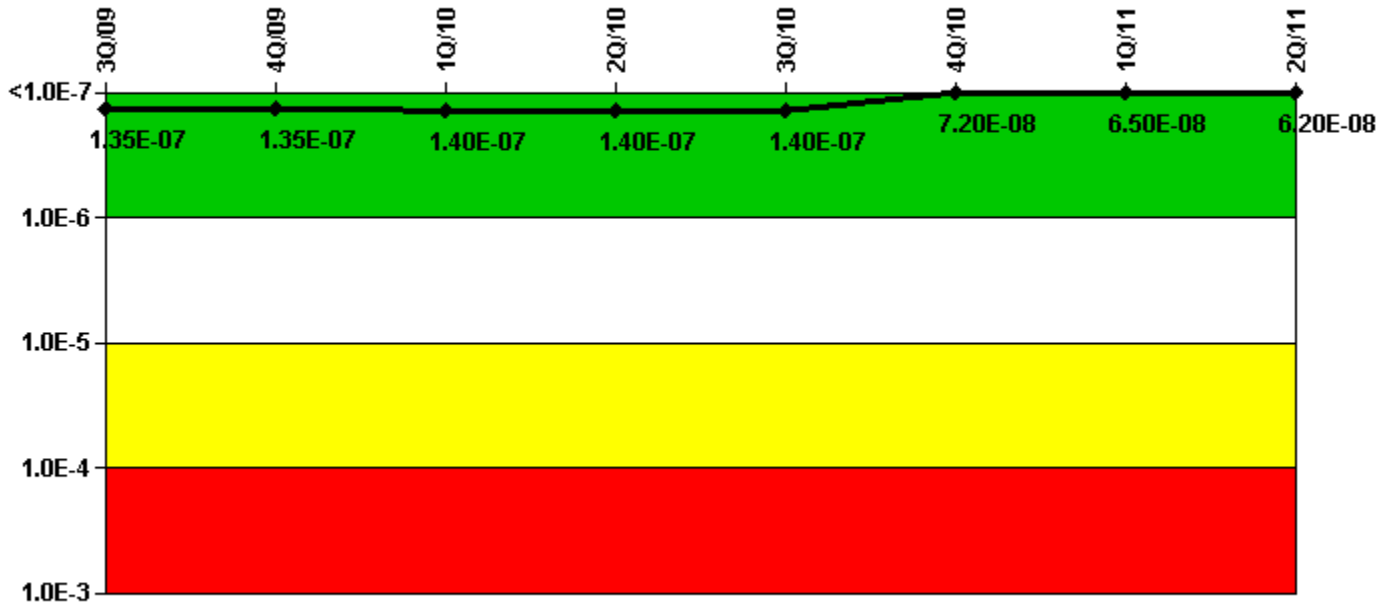
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	3.50E-08	3.50E-08	3.61E-08	2.55E-08	3.50E-08	3.35E-08	2.83E-08	2.90E-08
URI (Δ CDF)	-2.90E-08	-2.90E-08	-2.92E-08	-2.94E-08	-2.96E-08	-2.97E-08	-2.86E-08	-3.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.00E-09	6.00E-09	6.90E-09	-3.90E-09	5.50E-09	3.80E-09	-3.60E-10	-2.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



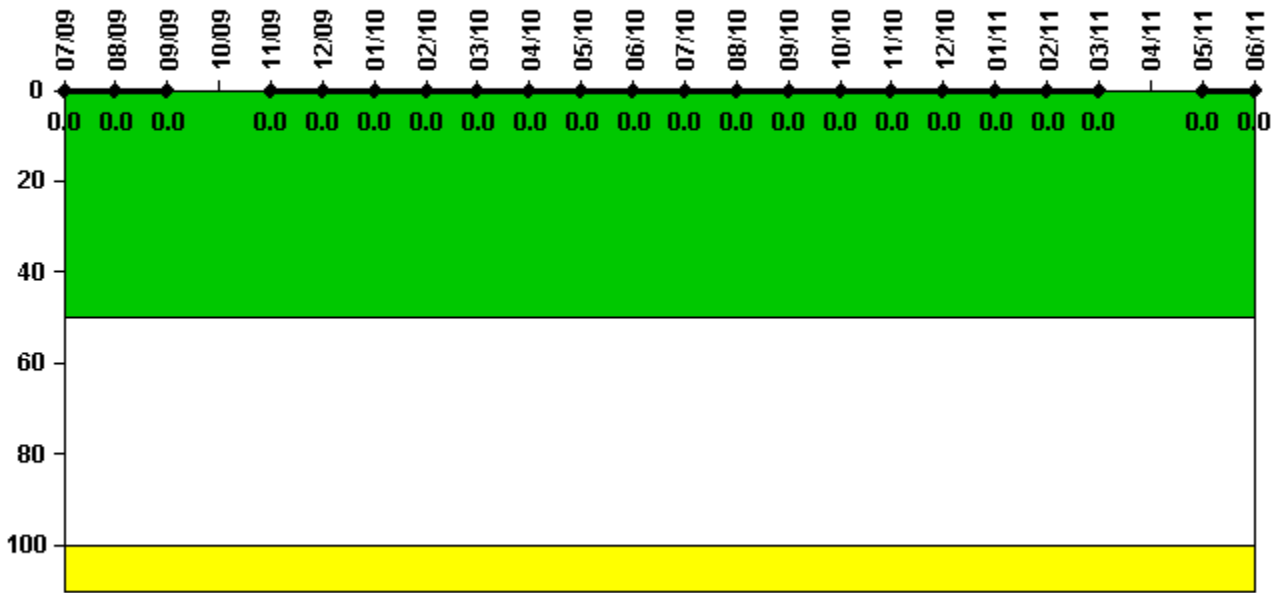
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	5.00E-09	5.00E-09	5.46E-09	5.46E-09	5.46E-09	4.23E-10	4.19E-10	4.25E-10
URI (Δ CDF)	1.30E-07	1.30E-07	1.31E-07	1.31E-07	1.31E-07	7.13E-08	6.48E-08	6.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.35E-07	1.35E-07	1.40E-07	1.40E-07	1.40E-07	7.20E-08	6.50E-08	6.20E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

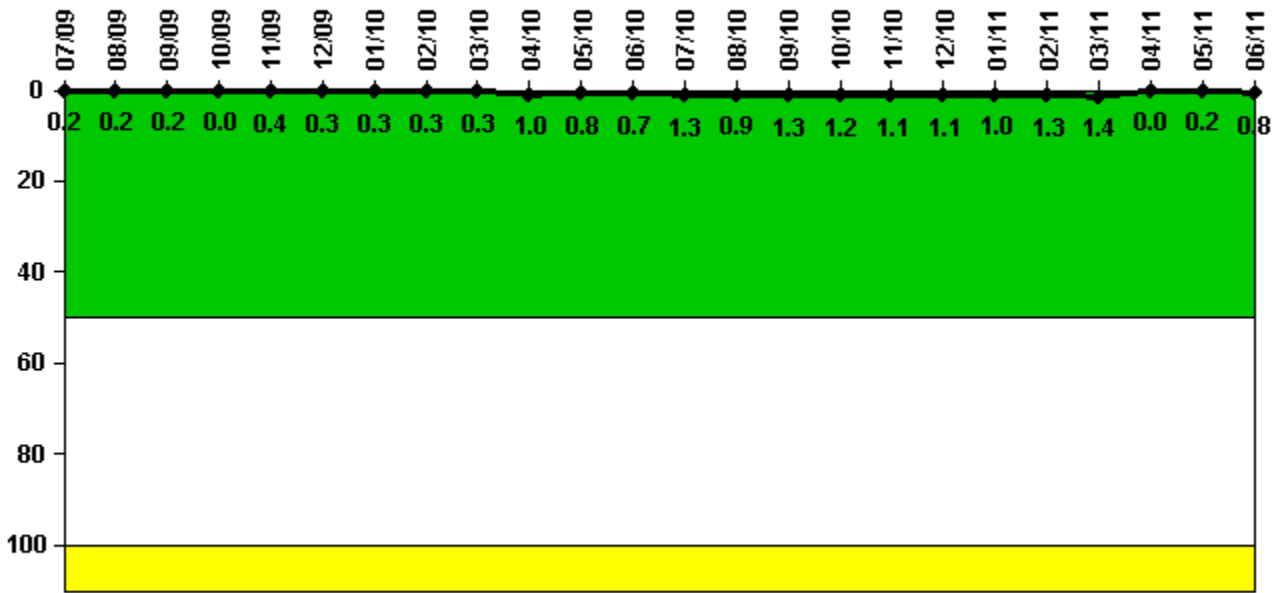
Reactor Coolant System Activity	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum activity	0.000102	0.000101	0.000125	N/A	0.000023	0.000054	0.000053	0.000067	0.000068	0.000061	0.000068	0.000072
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.000086	0.000073	0.000082	0.000093	0.000096	0.000098	0.000093	0.000097	0.000106	N/A	0.000033	0.000065
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	N/A	0	0

Licensee Comments:

6/11: RCSA data was unavailable for the month of April during plant shutdown for refueling outage 14.

Reactor Coolant System Leakage



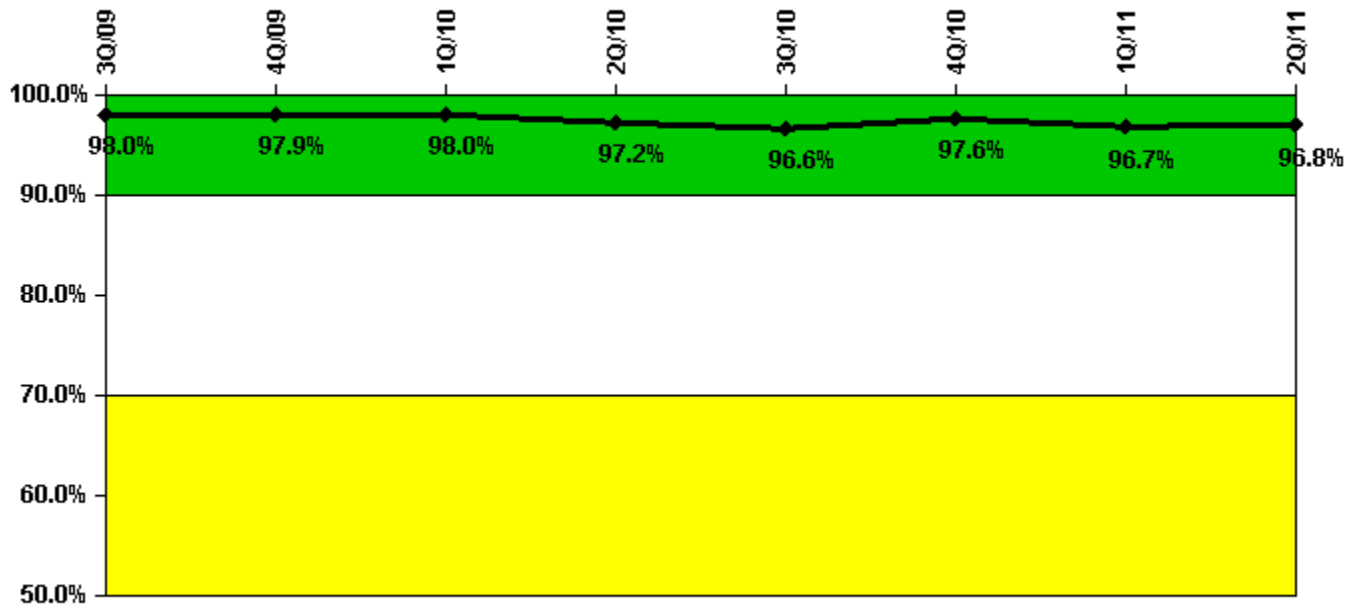
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	0.017	0.016	0.015	0	0.035	0.029	0.028	0.032	0.033	0.104	0.082	0.069
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	0.2	0.2	0	0.4	0.3	0.3	0.3	0.3	1.0	0.8	0.7
Reactor Coolant System Leakage	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum leakage	0.127	0.088	0.133	0.119	0.107	0.113	0.097	0.133	0.144	0	0.021	0.083
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	1.3	0.9	1.3	1.2	1.1	1.1	1.0	1.3	1.4	0	0.2	0.8

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

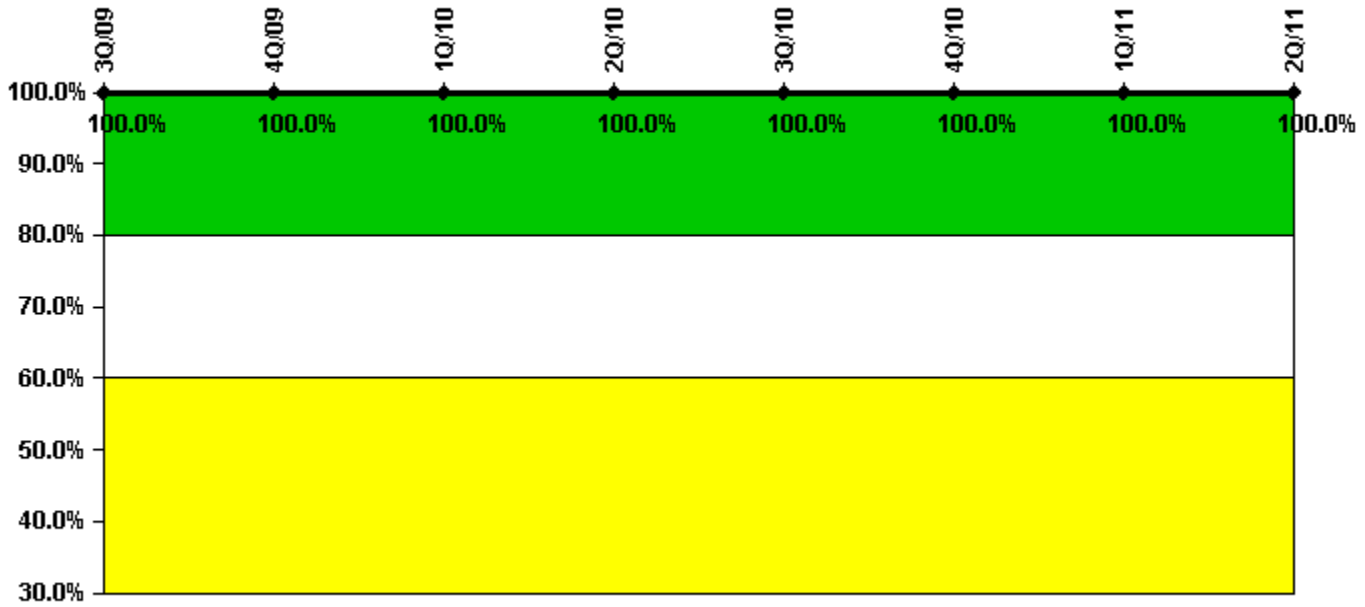
Notes

Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	25.0	26.0	28.0	30.0	33.0	21.0	55.0	21.0
Total opportunities	26.0	26.0	28.0	32.0	35.0	21.0	58.0	21.0
Indicator value	98.0%	97.9%	98.0%	97.2%	96.6%	97.6%	96.7%	96.8%

Licensee Comments:

2Q/11: There were no drill opportunities during the month of April due to plant shutdown for refueling outage 14.

ERO Drill Participation



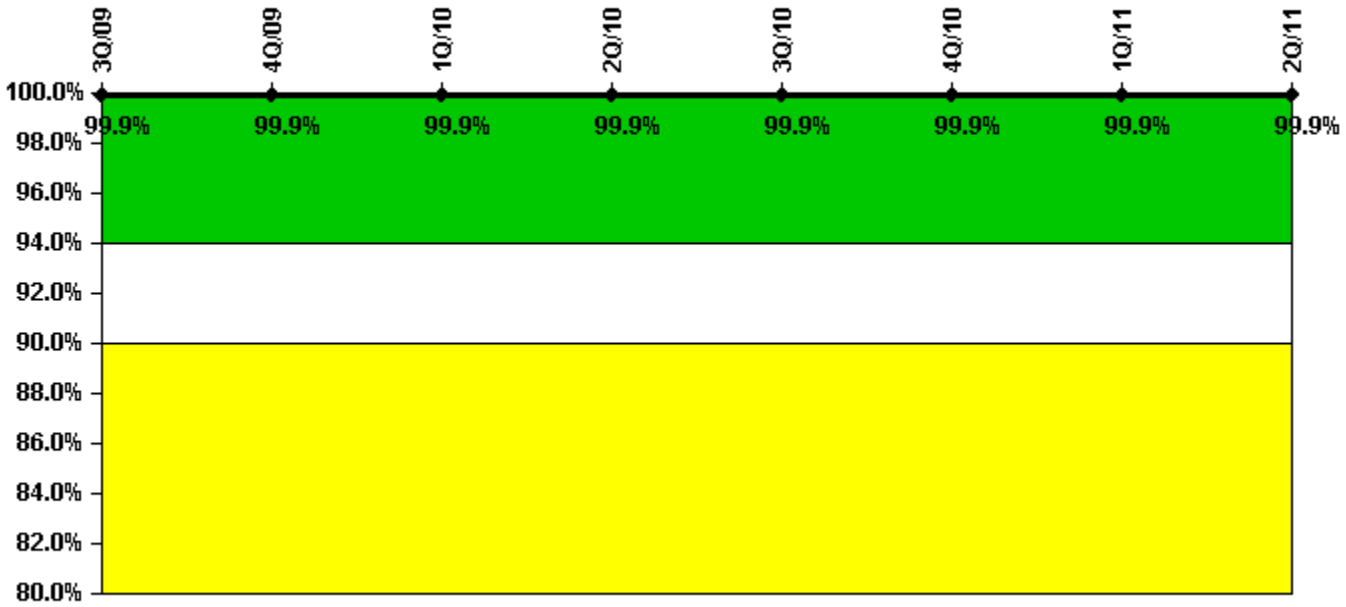
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	87.0	82.0	84.0	85.0	86.0	85.0	86.0	89.0
Total Key personnel	87.0	82.0	84.0	85.0	86.0	85.0	86.0	89.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	846	725	846	726	845	726	845	726
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
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	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
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.