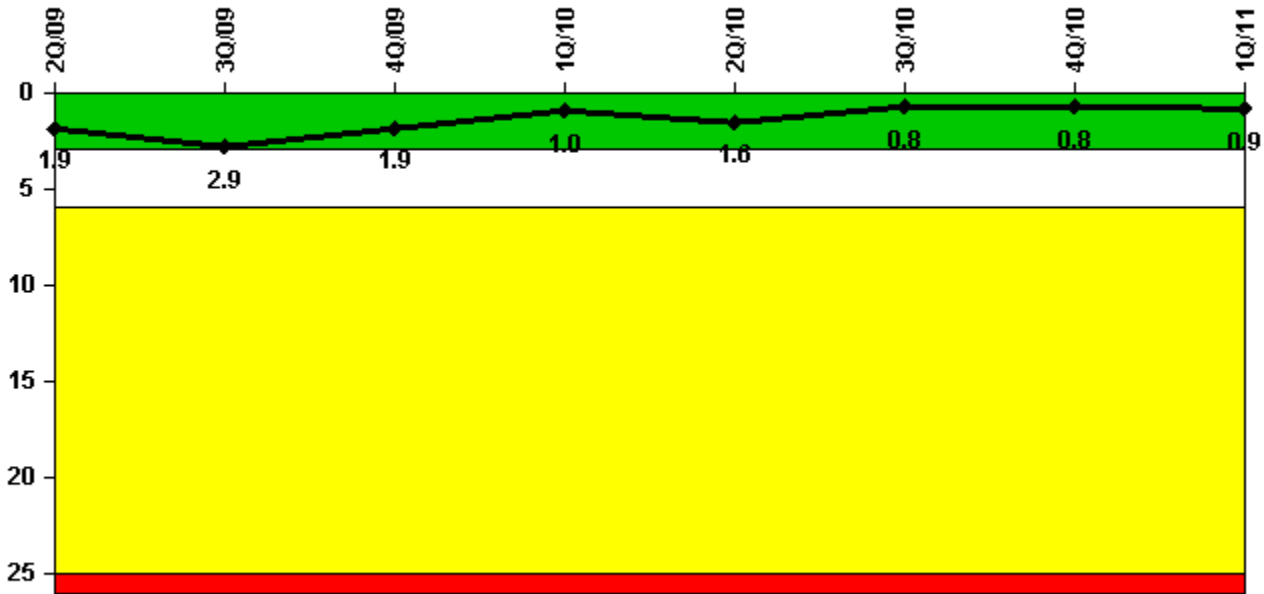


Browns Ferry 2

1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



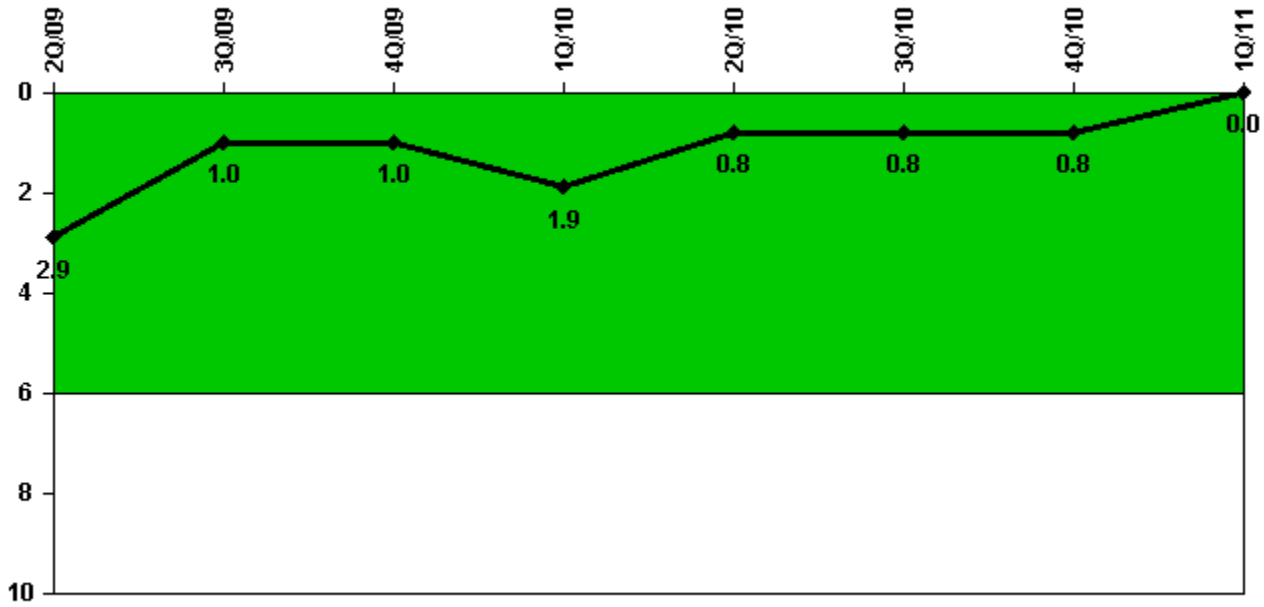
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned scrams	0	1.0	0	0	1.0	0	0	0
Critical hours	921.0	2183.4	2154.0	2038.9	2137.6	2208.0	2209.0	1344.0
Indicator value	1.9	2.9	1.9	1.0	1.6	0.8	0.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	1.0	0	0	1.0	0	0	0	0
Critical hours	921.0	2183.4	2154.0	2038.9	2137.6	2208.0	2209.0	1344.0
Indicator value	2.9	1.0	1.0	1.9	0.8	0.8	0.8	0

Licensee Comments: none

Unplanned Scrams with Complications



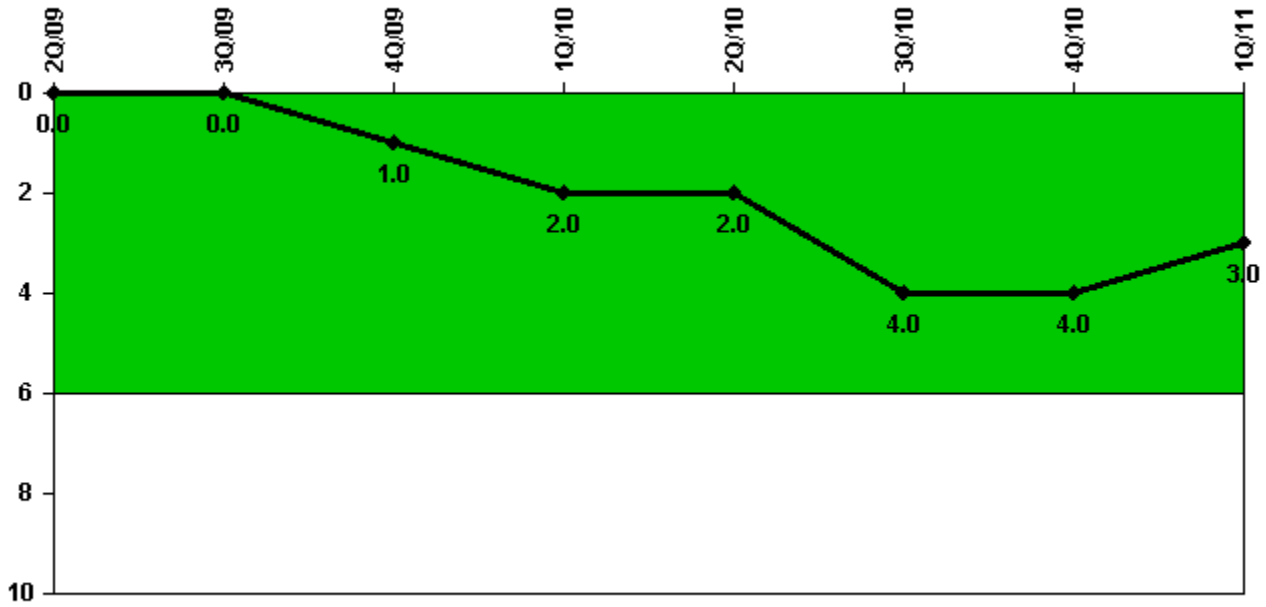
Thresholds: White > 1.0

Notes

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



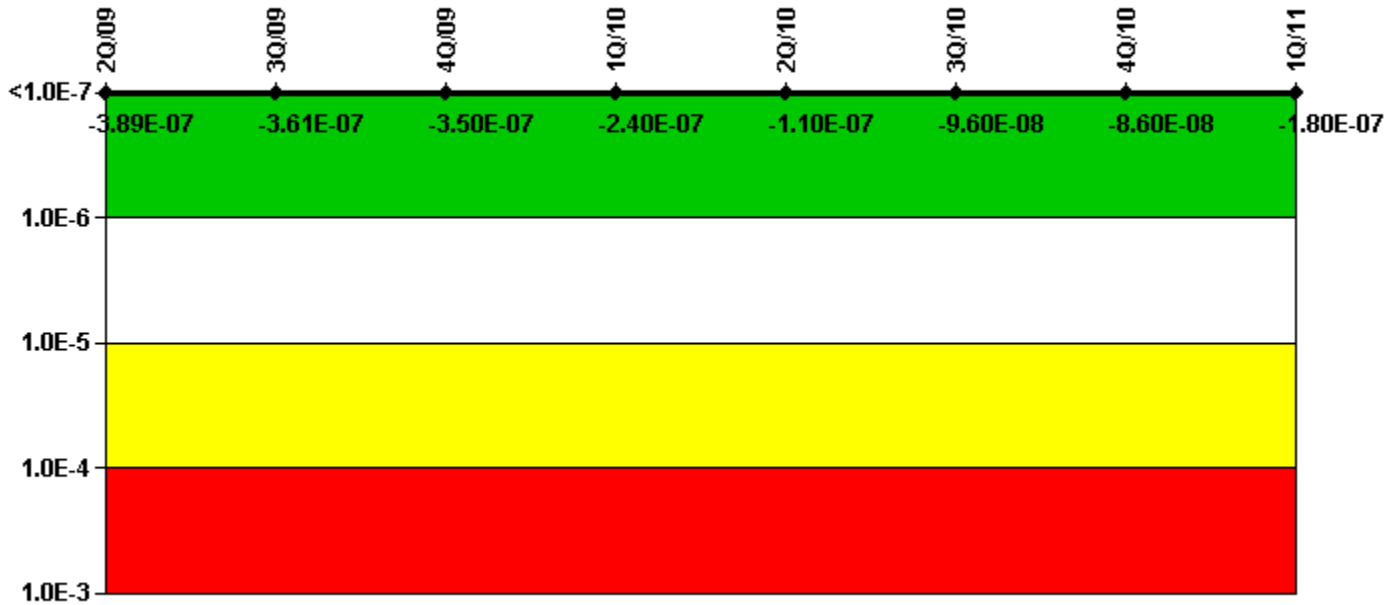
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



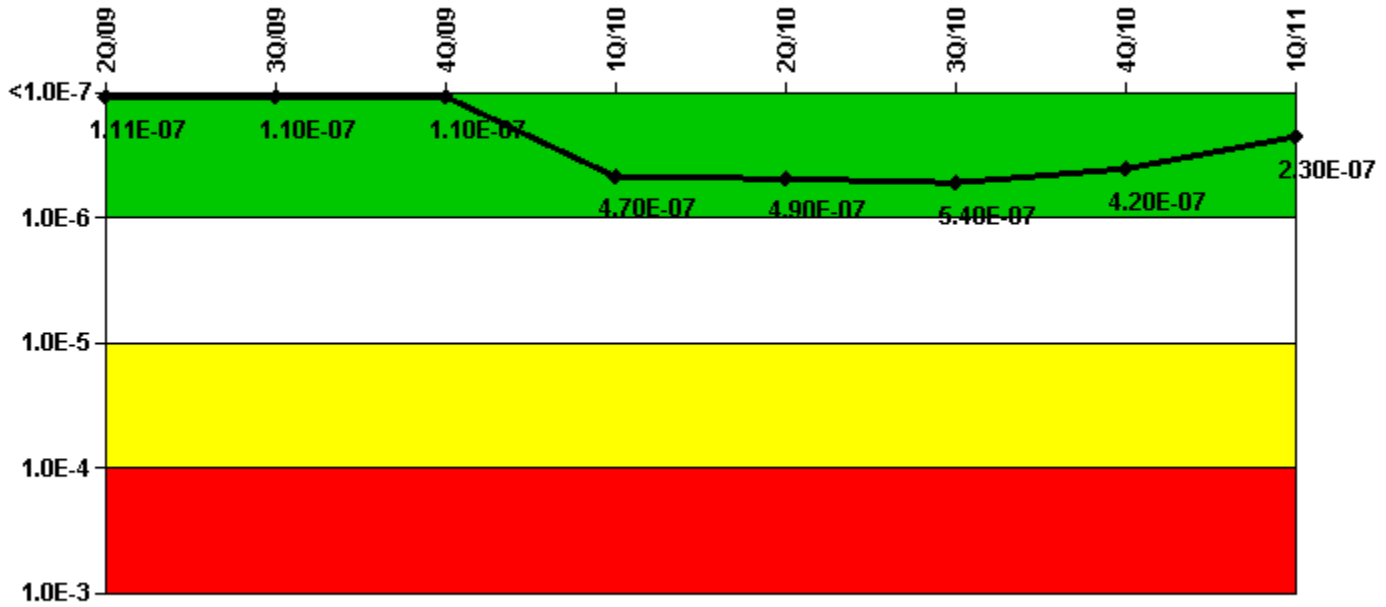
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	7.10E-08	9.90E-08	1.10E-07	7.96E-08	1.00E-07	1.16E-07	8.10E-08	6.79E-08
URI (Δ CDF)	-4.60E-07	-4.60E-07	-4.60E-07	-3.19E-07	-2.12E-07	-2.12E-07	-1.67E-07	-2.52E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.89E-07	-3.61E-07	-3.50E-07	-2.40E-07	-1.10E-07	-9.60E-08	-8.60E-08	-1.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



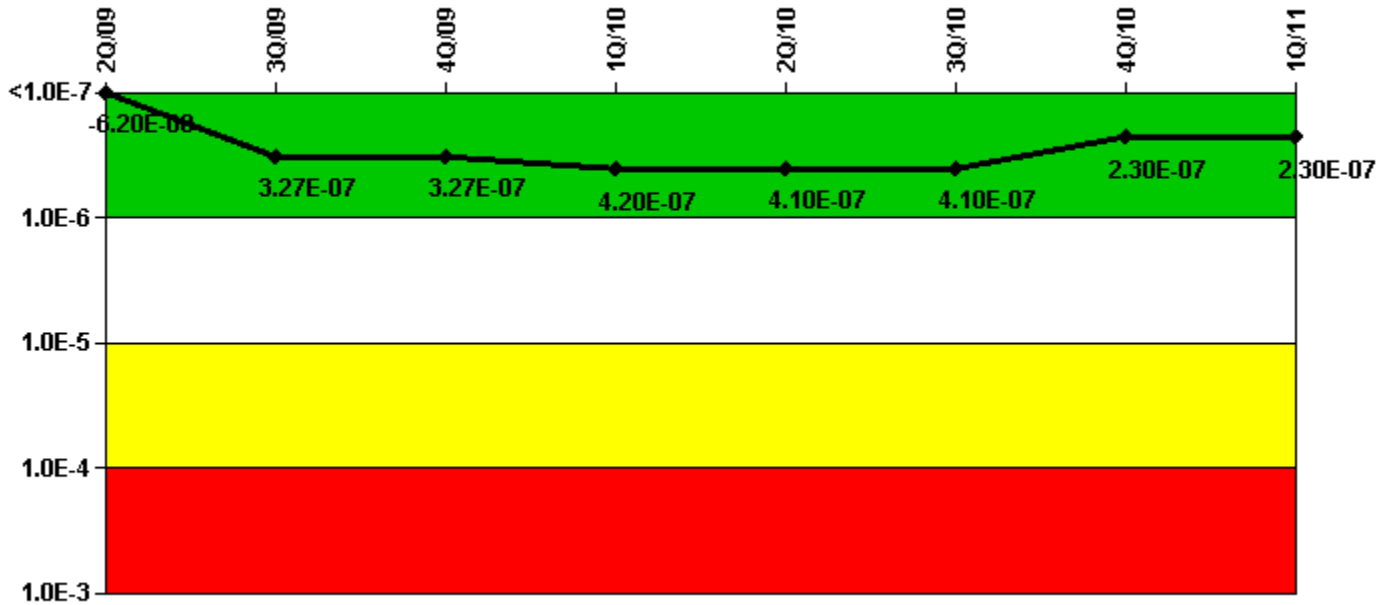
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	1.50E-07	1.50E-07	1.50E-07	6.56E-07	6.76E-07	7.36E-07	5.43E-07	3.51E-07
URI (Δ CDF)	-3.90E-08	-4.00E-08	-4.00E-08	-1.86E-07	-1.91E-07	-1.92E-07	-1.25E-07	-1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.11E-07	1.10E-07	1.10E-07	4.70E-07	4.90E-07	5.40E-07	4.20E-07	2.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



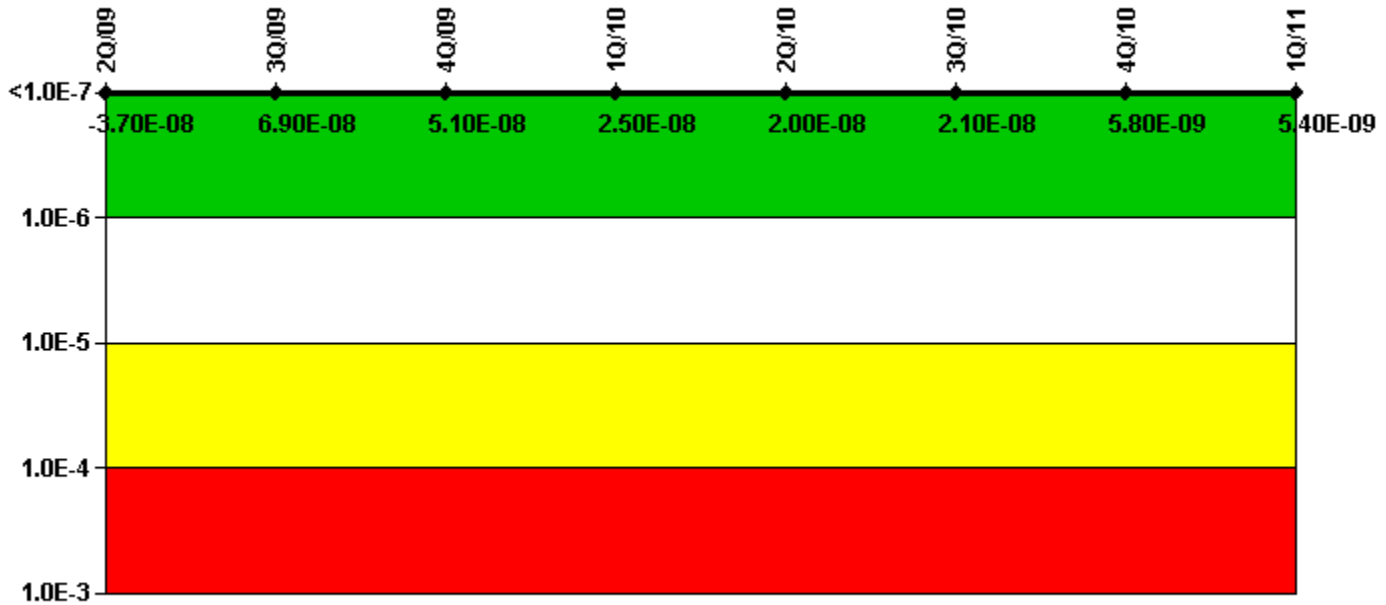
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-1.90E-08	2.30E-07	2.30E-07	2.79E-07	2.75E-07	2.74E-07	1.24E-07	1.29E-07
URI (Δ CDF)	-4.30E-08	9.70E-08	9.70E-08	1.45E-07	1.34E-07	1.33E-07	1.06E-07	1.05E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.20E-08	3.27E-07	3.27E-07	4.20E-07	4.10E-07	4.10E-07	2.30E-07	2.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



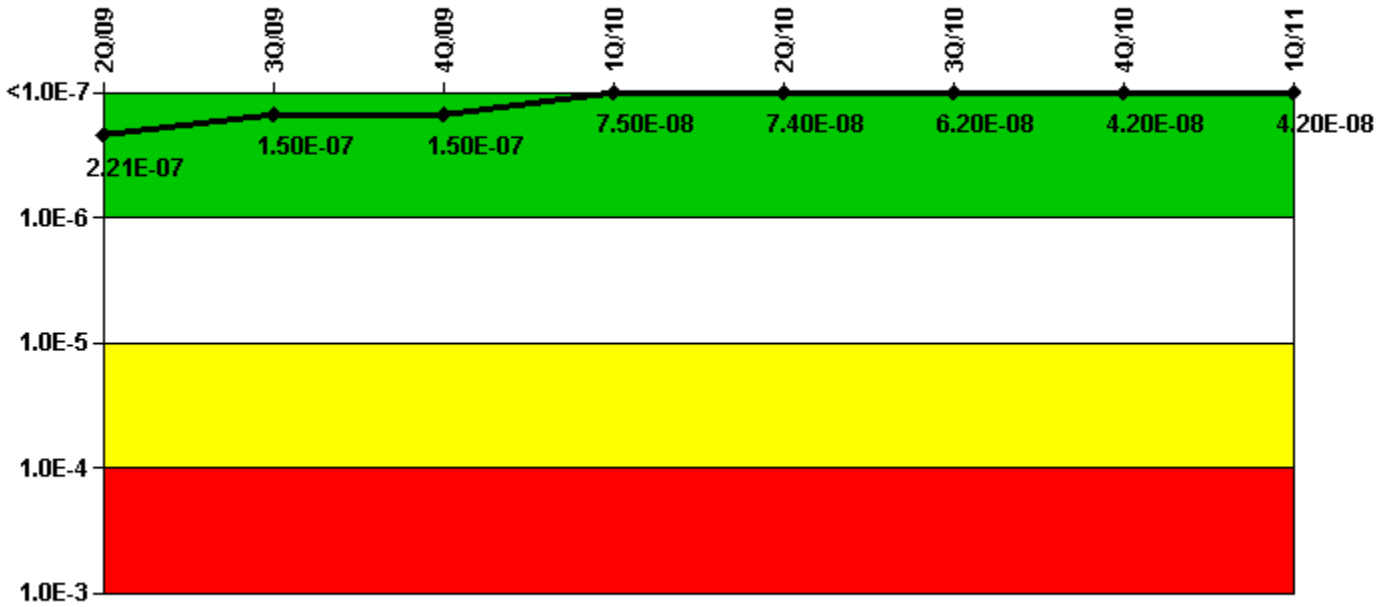
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	5.10E-08	1.60E-07	1.40E-07	1.17E-08	1.15E-08	9.81E-09	1.87E-09	2.68E-09
URI (Δ CDF)	-8.80E-08	-9.10E-08	-8.90E-08	1.34E-08	8.04E-09	1.12E-08	3.96E-09	2.67E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.70E-08	6.90E-08	5.10E-08	2.50E-08	2.00E-08	2.10E-08	5.80E-09	5.40E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



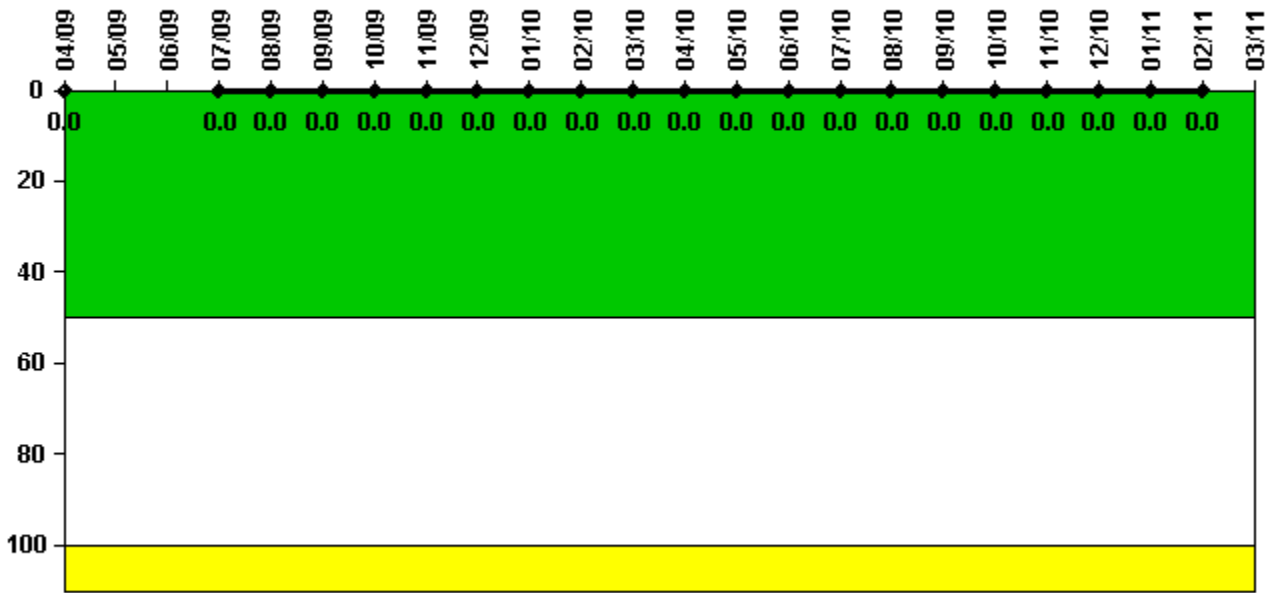
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	1.40E-07	1.40E-07	1.40E-07	1.75E-08	1.71E-08	1.37E-08	3.52E-10	4.12E-10
URI (Δ CDF)	8.10E-08	1.00E-08	1.00E-08	5.73E-08	5.73E-08	4.82E-08	4.15E-08	4.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.21E-07	1.50E-07	1.50E-07	7.50E-08	7.40E-08	6.20E-08	4.20E-08	4.20E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

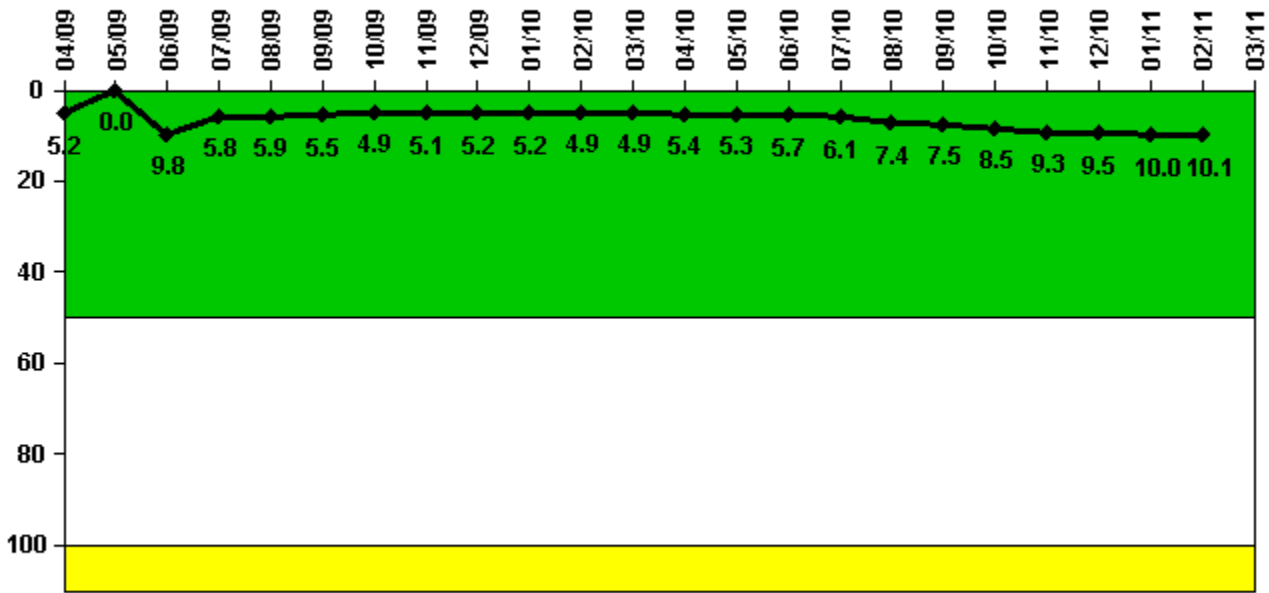
Notes

Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	0.000071	N/A	N/A	0.000091	0.000066	0.000059	0.000074	0.000079	0.000079	0.000078	0.000104	0.000084
Technical specification limit	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Indicator value	0	N/A	N/A	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.000134	0.000078	0.000072	0.000039	0.000037	0.000137	0.000091	0.000116	0.000082	0.000084	0.000104	N/A
Technical specification limit	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	N/A

Licensee Comments: none

Reactor Coolant System Leakage



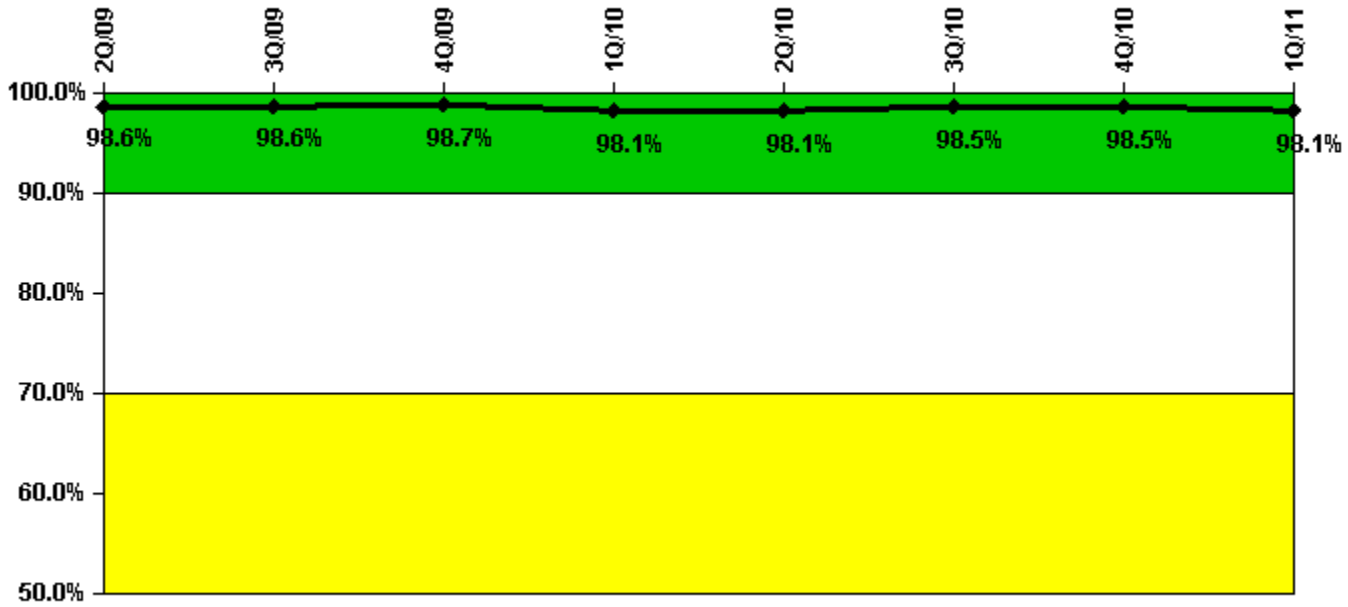
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	1.560	0	2.940	1.730	1.760	1.660	1.460	1.540	1.560	1.550	1.470	1.470
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	5.2	0	9.8	5.8	5.9	5.5	4.9	5.1	5.2	5.2	4.9	4.9
Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	1.630	1.580	1.700	1.820	2.210	2.260	2.560	2.790	2.850	3.000	3.020	N/A
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	5.4	5.3	5.7	6.1	7.4	7.5	8.5	9.3	9.5	10.0	10.1	N/A

Licensee Comments: none

Drill/Exercise Performance



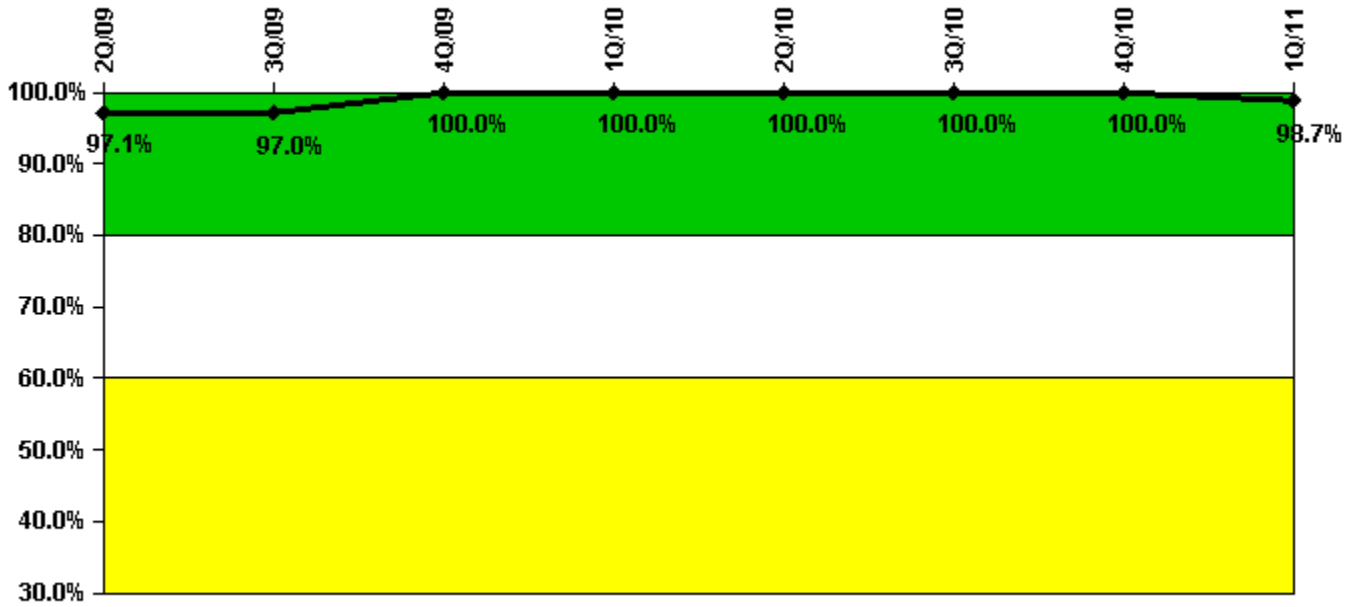
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	4.0	8.0	71.0	5.0	8.0	50.0	39.0	25.0
Total opportunities	4.0	8.0	72.0	6.0	8.0	50.0	40.0	26.0
Indicator value	98.6%	98.6%	98.7%	98.1%	98.1%	98.5%	98.5%	98.1%

Licensee Comments: none

ERO Drill Participation



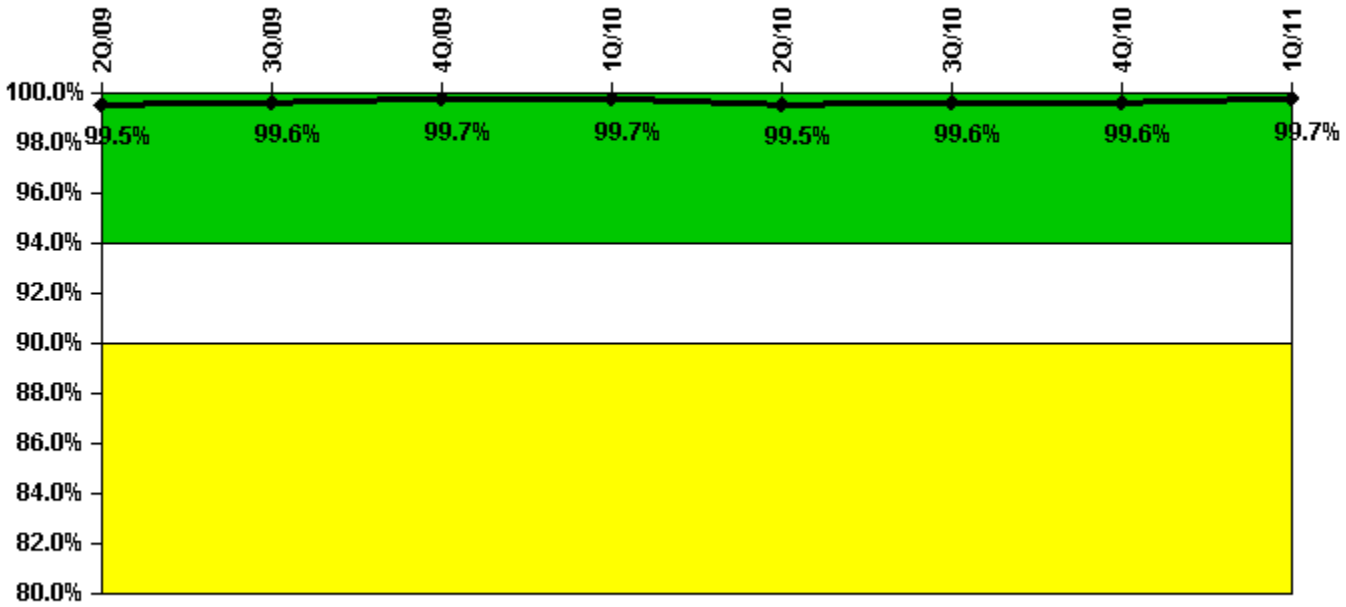
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	66.0	64.0	69.0	72.0	73.0	73.0	74.0	76.0
Total Key personnel	68.0	66.0	69.0	72.0	73.0	73.0	74.0	77.0
Indicator value	97.1%	97.0%	100.0%	100.0%	100.0%	100.0%	100.0%	98.7%

Licensee Comments: none

Alert & Notification System



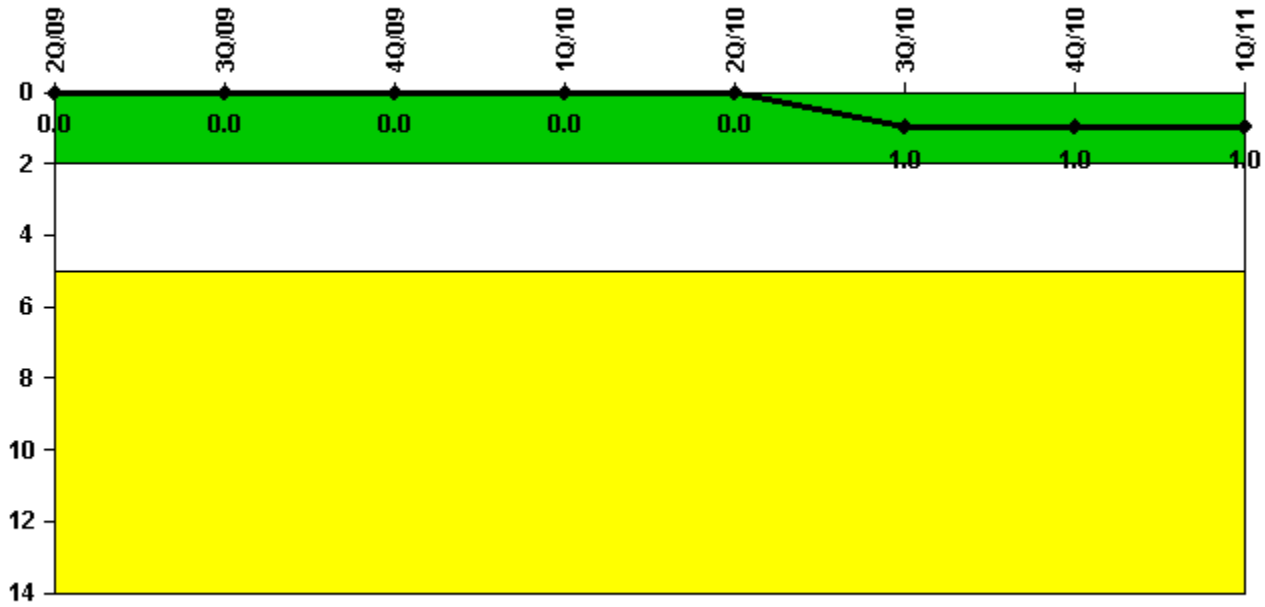
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	600	897	698	897	693	898	699	700
Total sirens-tests	600	900	700	900	700	900	700	700
Indicator value	99.5%	99.6%	99.7%	99.7%	99.5%	99.6%	99.6%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
High radiation area occurrences	0	0	0	0	0	1	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	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/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.