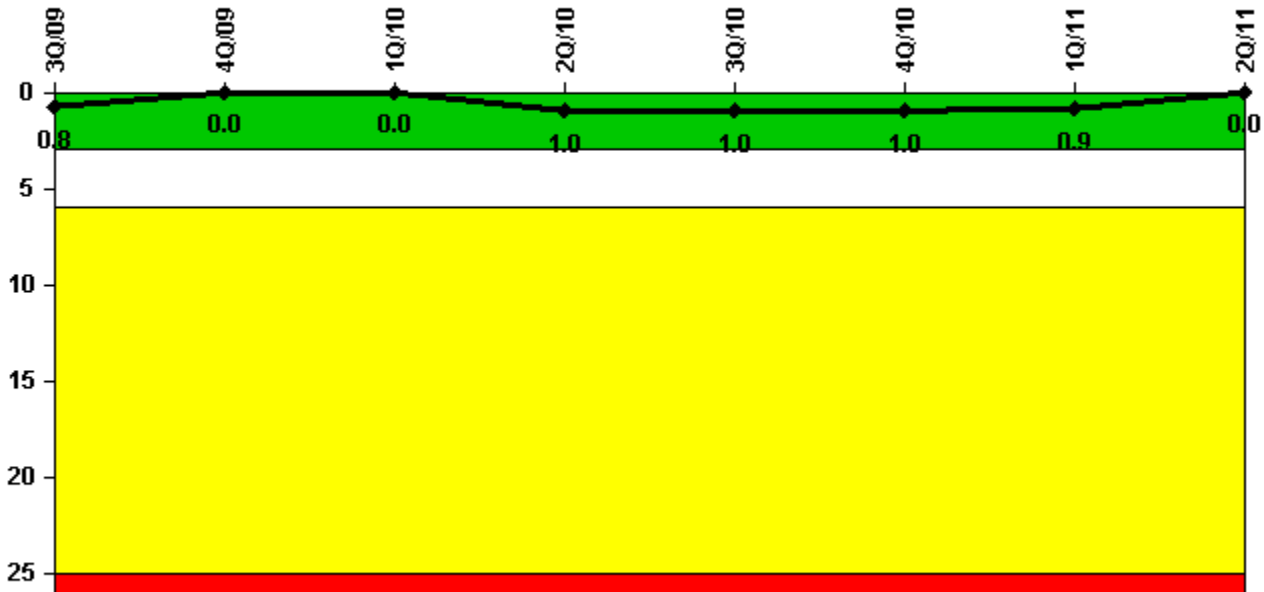


Brunswick 1

2Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



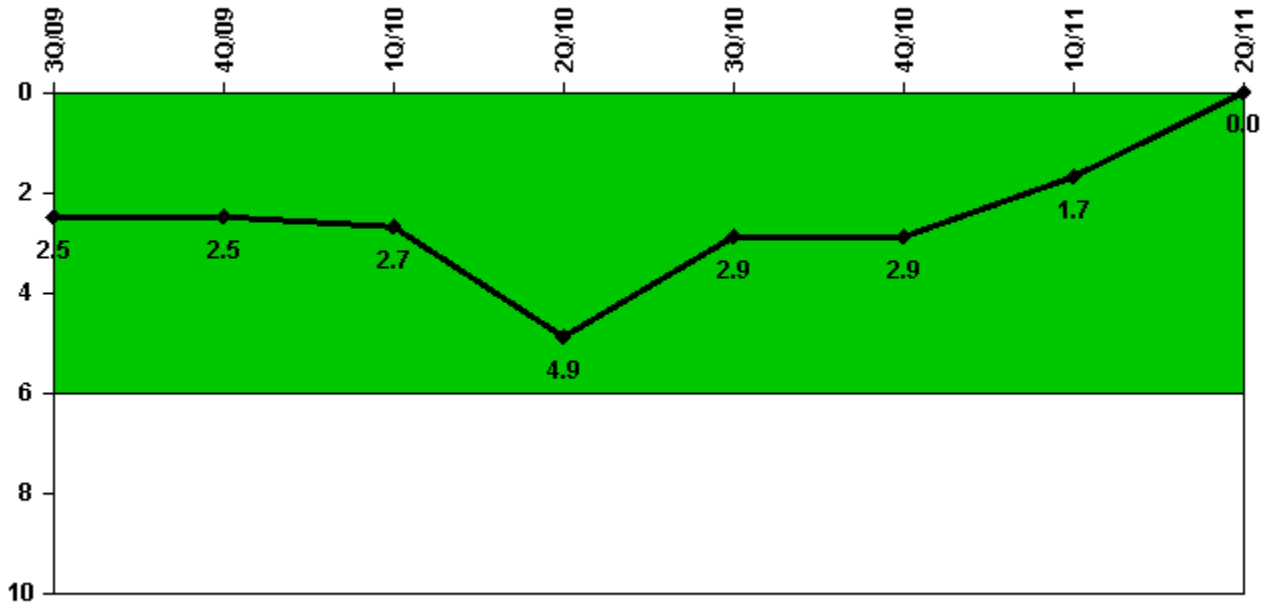
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0
Critical hours	1971.6	2209.0	1369.3	1543.5	2208.0	2209.0	2159.0	2109.7
Indicator value	0.8	0	0	1.0	1.0	1.0	0.9	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	2.0	0	1.0	2.0	0	0	0	0
Critical hours	1971.6	2209.0	1369.3	1543.5	2208.0	2209.0	2159.0	2109.7
Indicator value	2.5	2.5	2.7	4.9	2.9	2.9	1.7	0

Licensee Comments: none

Unplanned Scrams with Complications



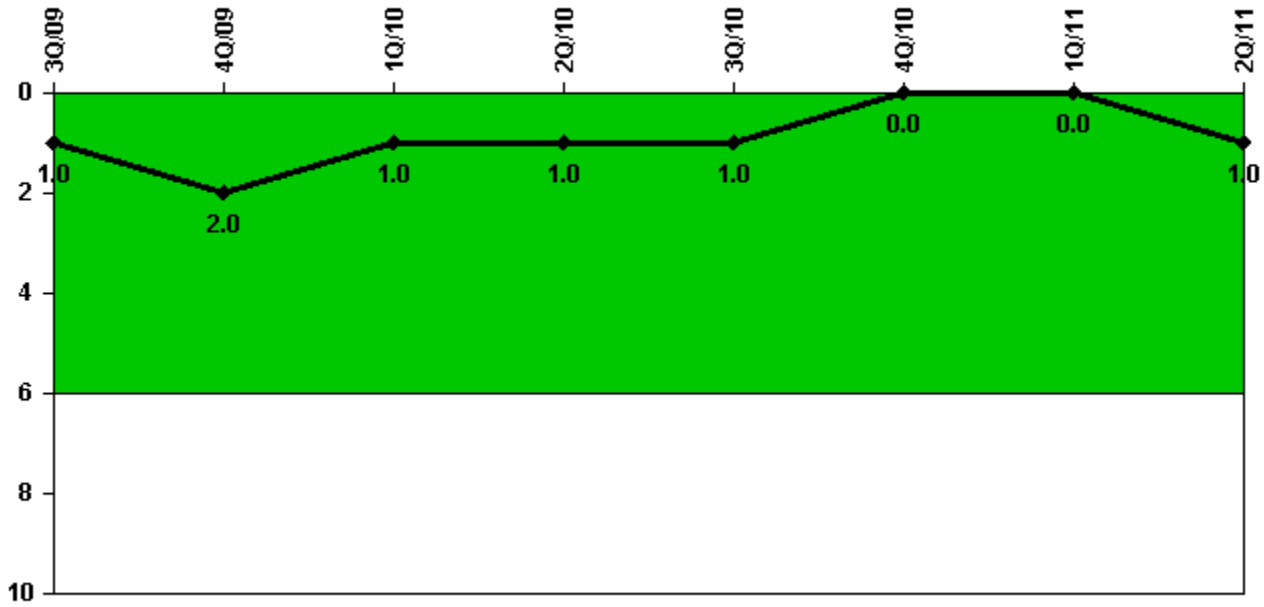
Thresholds: White > 1.0

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 (BWR)



Thresholds: White > 6.0

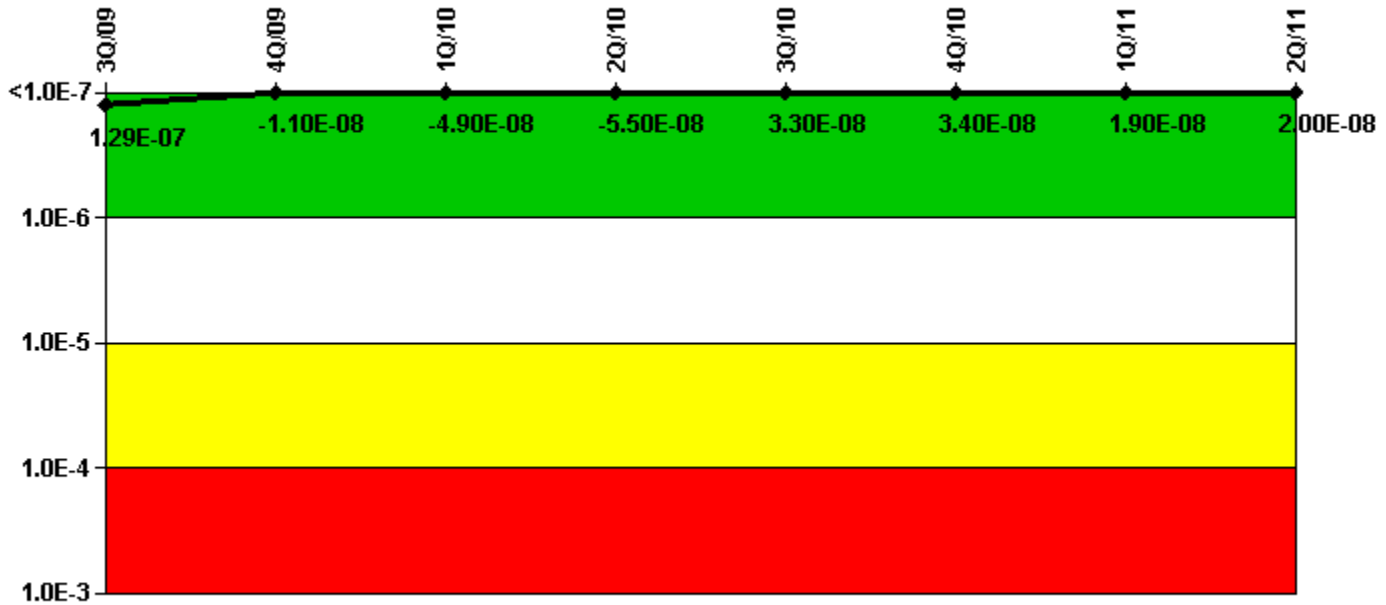
Notes

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

Licensee Comments:

2Q/11: LER 1-2011-001 was submitted on 06/02/2011 for loss of Control Room Emergency Ventilation (CREV) due to trip of emergency bus E7.

Mitigating Systems Performance Index, Emergency AC Power System



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

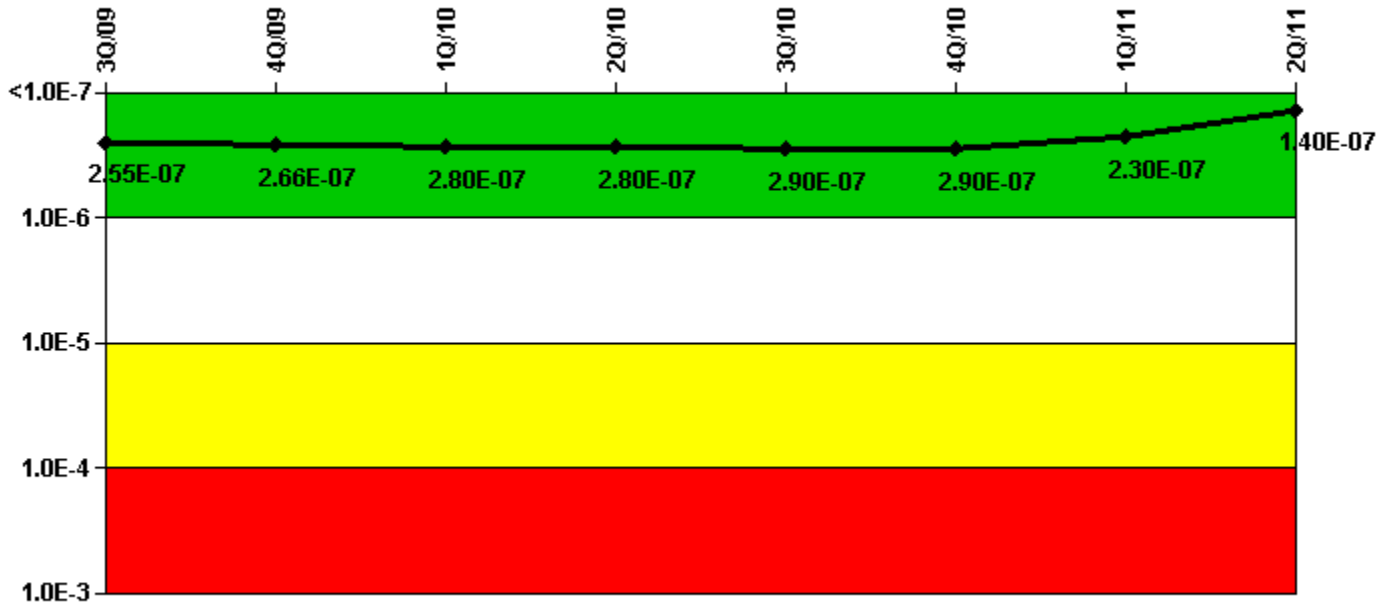
Notes

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)	3.20E-08	1.10E-08	8.34E-10	-3.76E-09	-3.20E-09	-2.52E-09	-4.37E-09	-3.83E-09
URI (Δ CDF)	9.70E-08	-2.20E-08	-4.98E-08	-5.09E-08	3.65E-08	3.65E-08	2.39E-08	2.39E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.29E-07	-1.10E-08	-4.90E-08	-5.50E-08	3.30E-08	3.40E-08	1.90E-08	2.00E-08

Licensee Comments:

2Q/11: Changed PRA Parameter(s). PRA parameters were unchanged for the 2nd quarter. PRA parameters were entered into CDE in April (i.e., prior to April 21, in accordance with NEI 99-02) to be effective for the 1st quarter. See the 1st quarter submittal for explanation of changes.

Mitigating Systems Performance Index, High Pressure Injection System



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

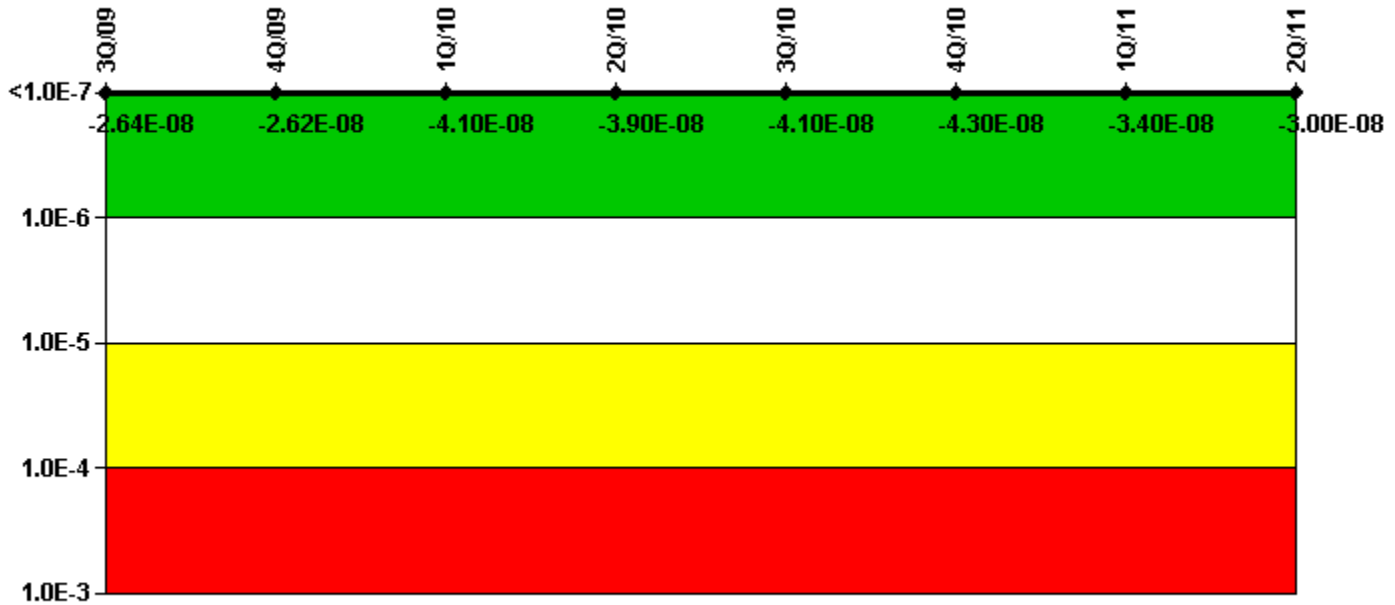
Notes

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)	1.80E-07	1.90E-07	2.00E-07	2.07E-07	2.11E-07	2.17E-07	1.69E-07	1.01E-07
URI (Δ CDF)	7.50E-08	7.60E-08	7.60E-08	7.65E-08	7.70E-08	7.70E-08	6.46E-08	3.49E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.55E-07	2.66E-07	2.80E-07	2.80E-07	2.90E-07	2.90E-07	2.30E-07	1.40E-07

Licensee Comments:

2Q/11: Changed PRA Parameter(s). PRA parameters were unchanged for the 2nd quarter. PRA parameters were entered into CDE in April (i.e., prior to April 21, in accordance with NEI 99-02) to be effective for the 1st quarter. See the 1st quarter submittal for explanation of changes.

Mitigating Systems Performance Index, Heat Removal System



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

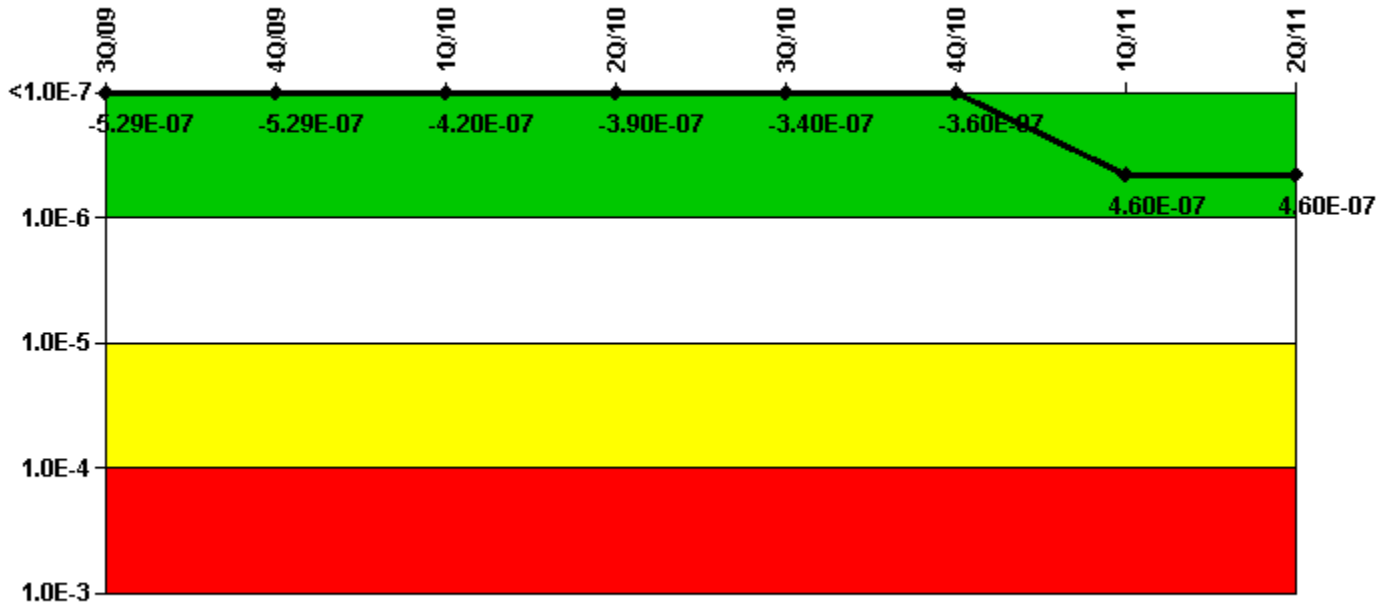
Notes

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)	9.60E-09	9.80E-09	-5.60E-09	-3.39E-09	-6.50E-09	-8.30E-09	-6.81E-09	-3.15E-09
URI (Δ CDF)	-3.60E-08	-3.60E-08	-3.55E-08	-3.51E-08	-3.48E-08	-3.48E-08	-2.71E-08	-2.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.64E-08	-2.62E-08	-4.10E-08	-3.90E-08	-4.10E-08	-4.30E-08	-3.40E-08	-3.00E-08

Licensee Comments:

2Q/11: Changed PRA Parameter(s). PRA parameters were unchanged for the 2nd quarter. PRA parameters were entered into CDE in April (i.e., prior to April 21, in accordance with NEI 99-02) to be effective for the 1st quarter. See the 1st quarter submittal for explanation of changes.

Mitigating Systems Performance Index, Residual Heat Removal System



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

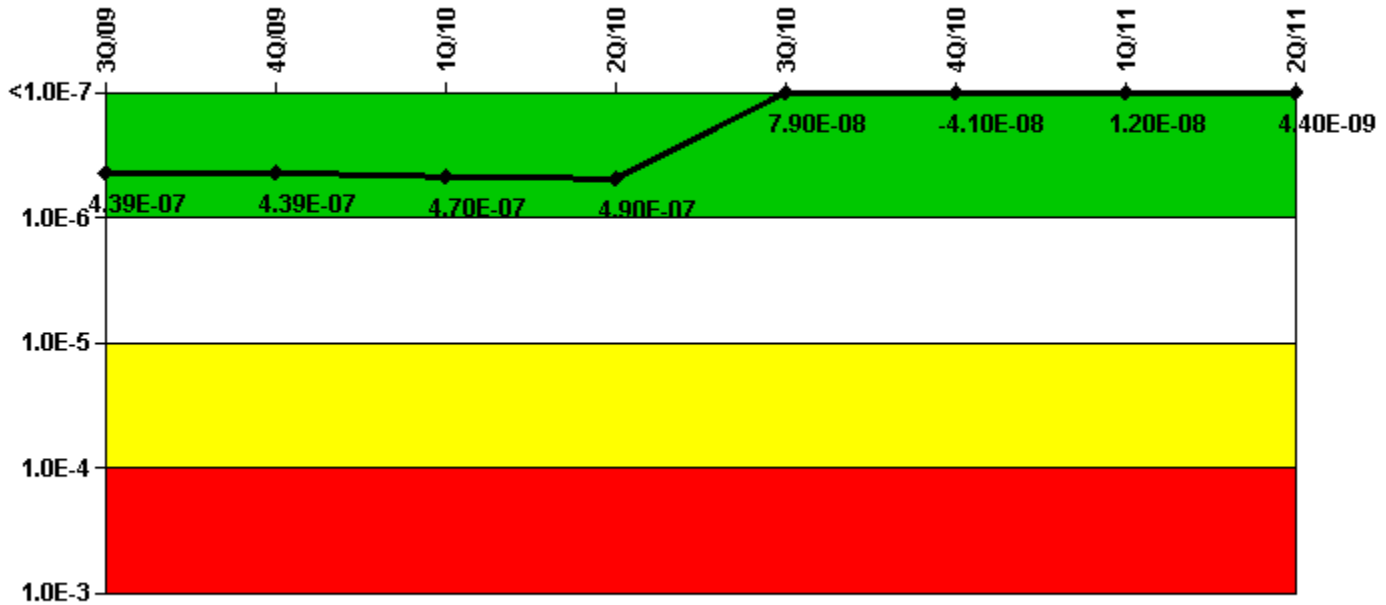
Notes

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)	-9.90E-08	-9.90E-08	-5.46E-09	1.48E-08	4.81E-08	2.62E-08	3.39E-07	3.29E-07
URI (Δ CDF)	-4.30E-07	-4.30E-07	-4.15E-07	-4.04E-07	-3.91E-07	-3.87E-07	1.25E-07	1.31E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.29E-07	-5.29E-07	-4.20E-07	-3.90E-07	-3.40E-07	-3.60E-07	4.60E-07	4.60E-07

Licensee Comments:

2Q/11: Changed PRA Parameter(s). PRA parameters were unchanged for the 2nd quarter. PRA parameters were entered into CDE in April (i.e., prior to April 21, in accordance with NEI 99-02) to be effective for the 1st quarter. See the 1st quarter submittal for explanation of changes.

Mitigating Systems Performance Index, Cooling Water Systems



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

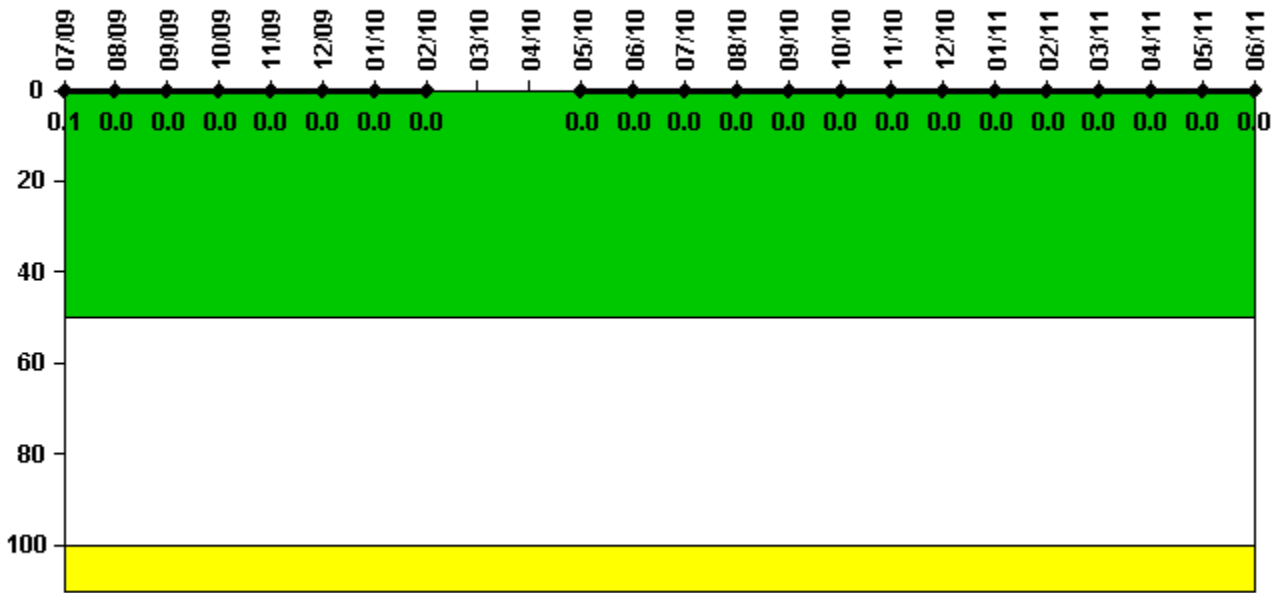
Notes

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)	4.00E-07	4.00E-07	4.23E-07	4.42E-07	9.23E-08	-2.75E-08	2.96E-08	2.20E-08
URI (Δ CDF)	3.90E-08	3.90E-08	4.46E-08	4.43E-08	-1.33E-08	-1.33E-08	-1.75E-08	-1.75E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.39E-07	4.39E-07	4.70E-07	4.90E-07	7.90E-08	-4.10E-08	1.20E-08	4.40E-09

Licensee Comments:

2Q/11: Changed PRA Parameter(s). PRA parameters were unchanged for the 2nd quarter. PRA parameters were entered into CDE in April (i.e., prior to April 21, in accordance with NEI 99-02) to be effective for the 1st quarter. See the 1st quarter submittal for explanation of changes.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

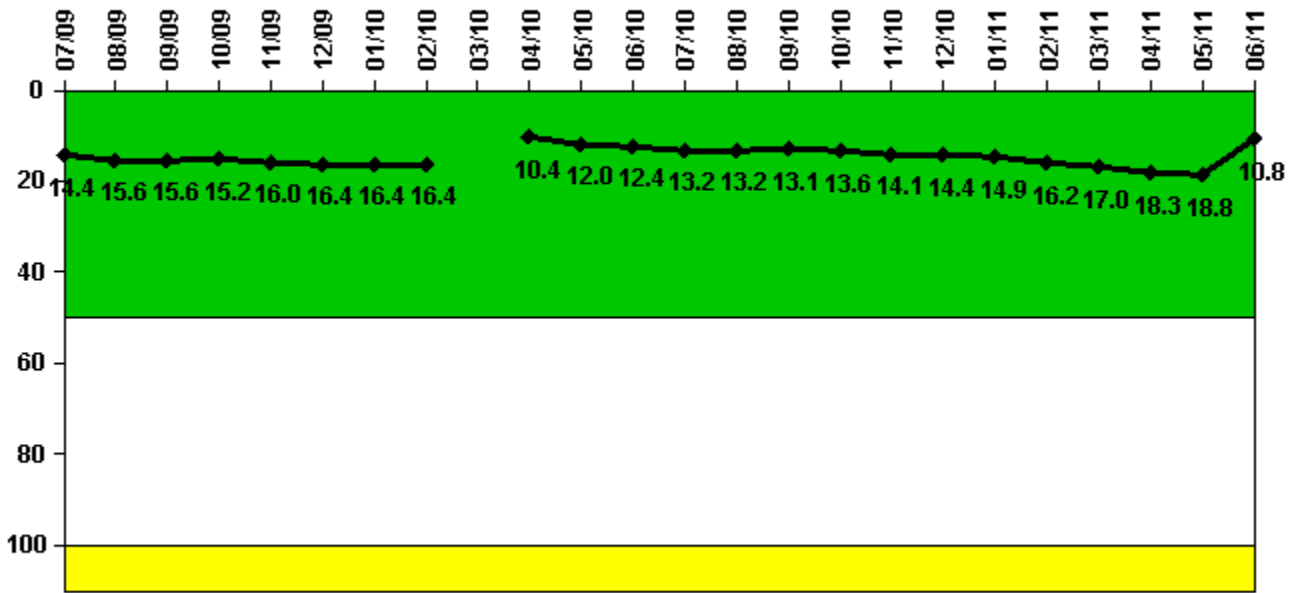
Notes

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	0.000130	0.000071	0.000054	0.000072	0.000076	0.000068	0.000070	0.000070	N/A	N/A	0.000042	0.000043
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.1	0	0	0	0	0	0	0	N/A	N/A	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	0.000048	0.000056	0.000050	0.000053	0.000057	0.000053	0.000053	0.000052	0.000060	0.000060	0.000058	0.000058
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



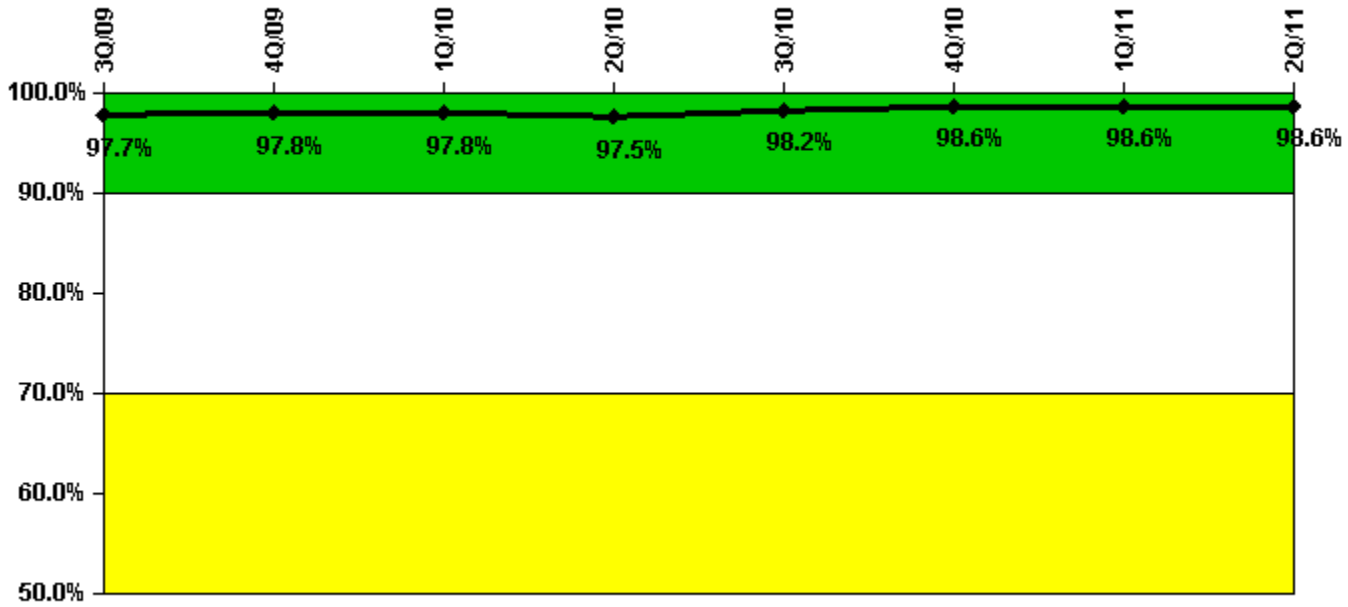
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	3.600	3.900	3.900	3.800	4.000	4.100	4.100	4.100	N/A	2.600	3.000	3.100
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	14.4	15.6	15.6	15.2	16.0	16.4	16.4	16.4	N/A	10.4	12.0	12.4
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	3.300	3.300	3.270	3.410	3.520	3.590	3.730	4.050	4.260	4.580	4.700	2.700
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	13.2	13.2	13.1	13.6	14.1	14.4	14.9	16.2	17.0	18.3	18.8	10.8

Licensee Comments: none

Drill/Exercise Performance



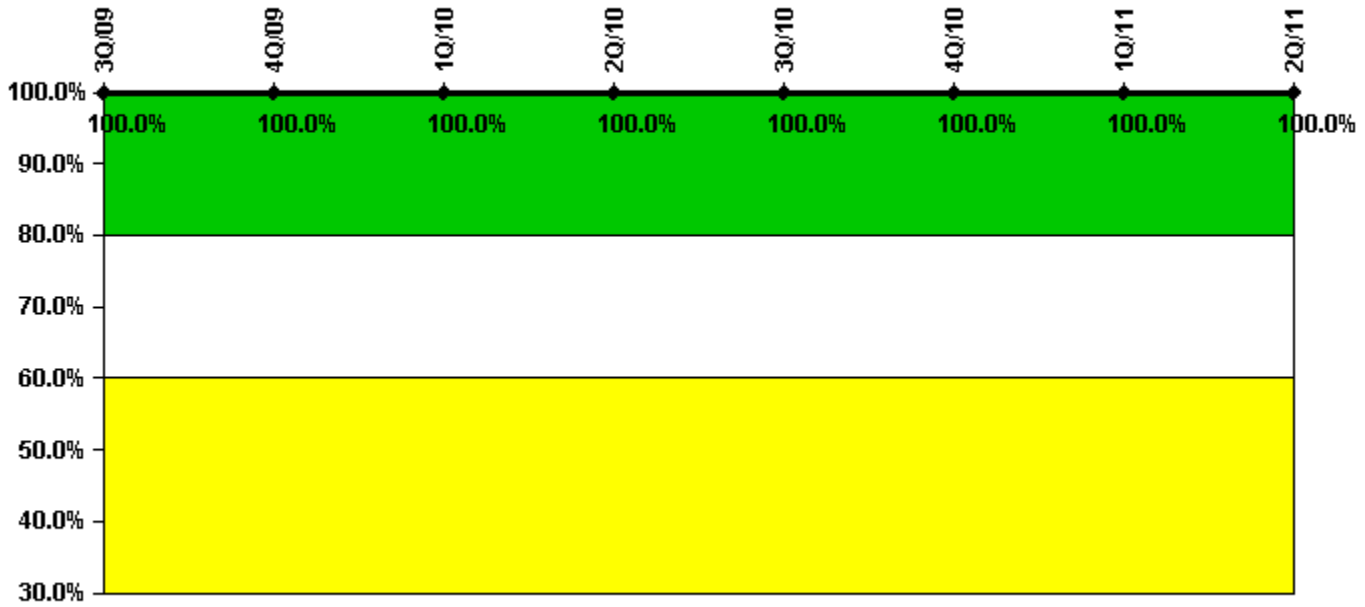
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	16.0	39.0	4.0	30.0	50.0	39.0	10.0	31.0
Total opportunities	16.0	39.0	4.0	32.0	50.0	40.0	10.0	31.0
Indicator value	97.7%	97.8%	97.8%	97.5%	98.2%	98.6%	98.6%	98.6%

License Comments: none

ERO Drill Participation



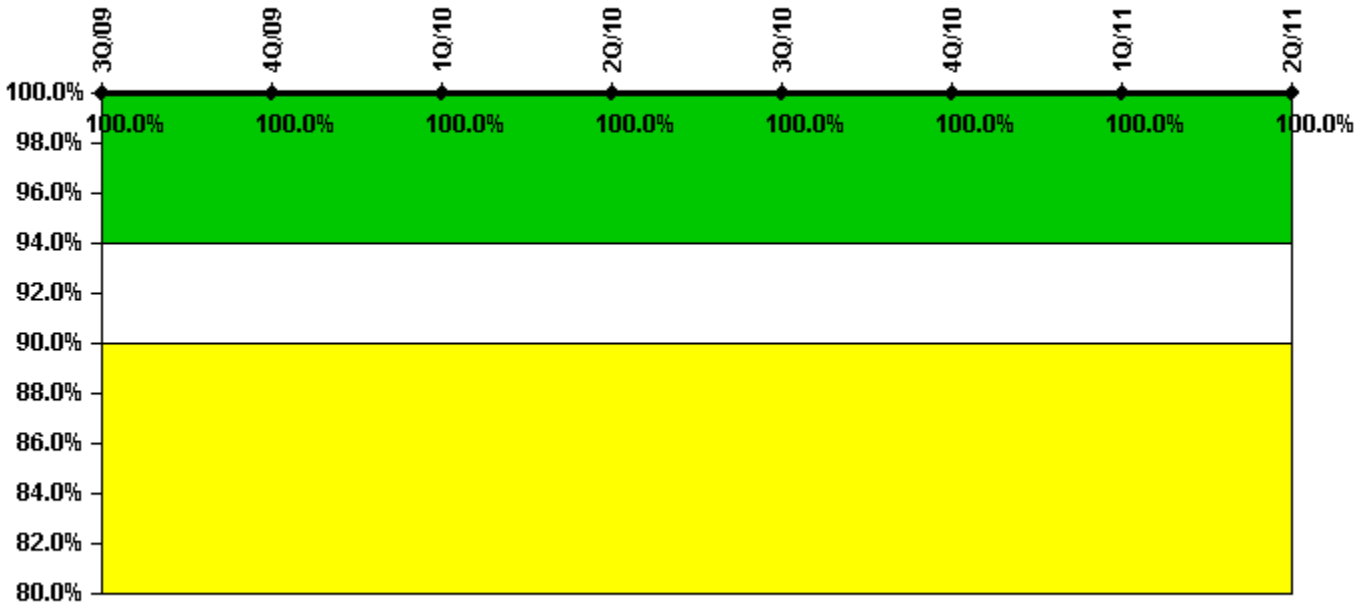
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	102.0	97.0	95.0	98.0	109.0	102.0	109.0	107.0
Total Key personnel	102.0	97.0	95.0	98.0	109.0	102.0	109.0	107.0
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	531	570	532	532	532	570	532	532
Total sirens-tests	532	570	532	532	532	570	532	532
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

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.