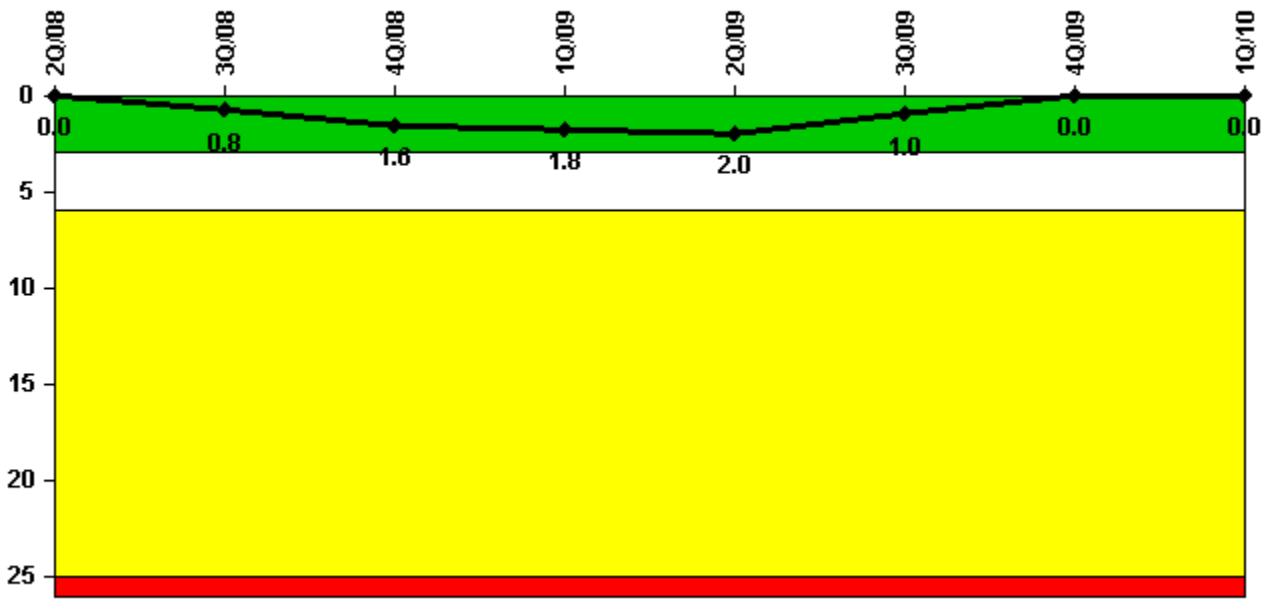


Brunswick 2

1Q/2010 Performance Indicators

Licensee's General Comments: Brunswick's Basis Document, BNP-PSA-069, was revised in December 2009. The resulting changes to the MSPI coefficients were entered into CDE and became effective January 1, 2010 (for 1st quarter report). Changes occurred on each of the five MSPI systems, and were a result of changes in on-line maintenance and preventive maintenance practices from previous baseline years. These changes include increased reviews and verifications from both Maintenance and Operations to help prevent human performance errors, additional online work scope to improve equipment reliability, and scheduled low frequency evolutions. These infrequent evolutions include EDG overhaul PMs, 6-year maintenance surveillance tests, and RHR heat exchanger cleanings for both A and B loops.

Unplanned Scrams per 7000 Critical Hrs



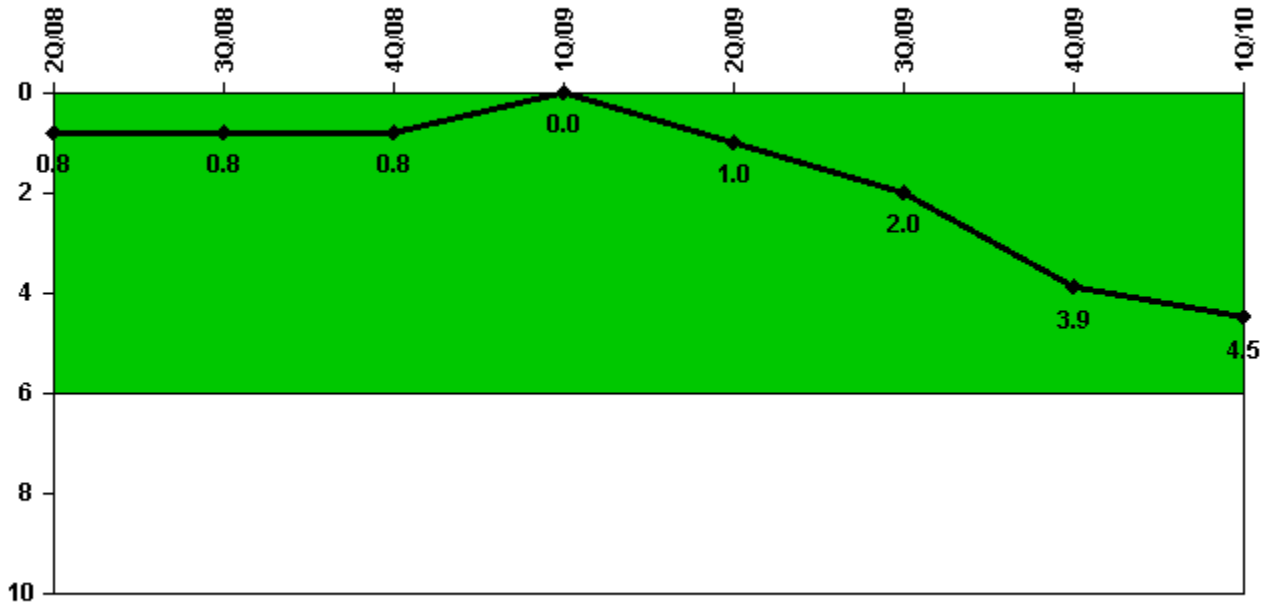
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned scrams	0	1.0	1.0	0	0	0	0	0
Critical hours	2184.0	2124.5	2061.5	1393.6	1572.1	1994.1	2209.0	2073.5
Indicator value	0	0.8	1.6	1.8	2.0	1.0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	0	0	0	1.0	1.0	2.0	1.0
Critical hours	2184.0	2124.5	2061.5	1393.6	1572.1	1994.1	2209.0	2073.5
Indicator value	0.8	0.8	0.8	0	1.0	2.0	3.9	4.5

Licensee Comments: none

Unplanned Scrams with Complications



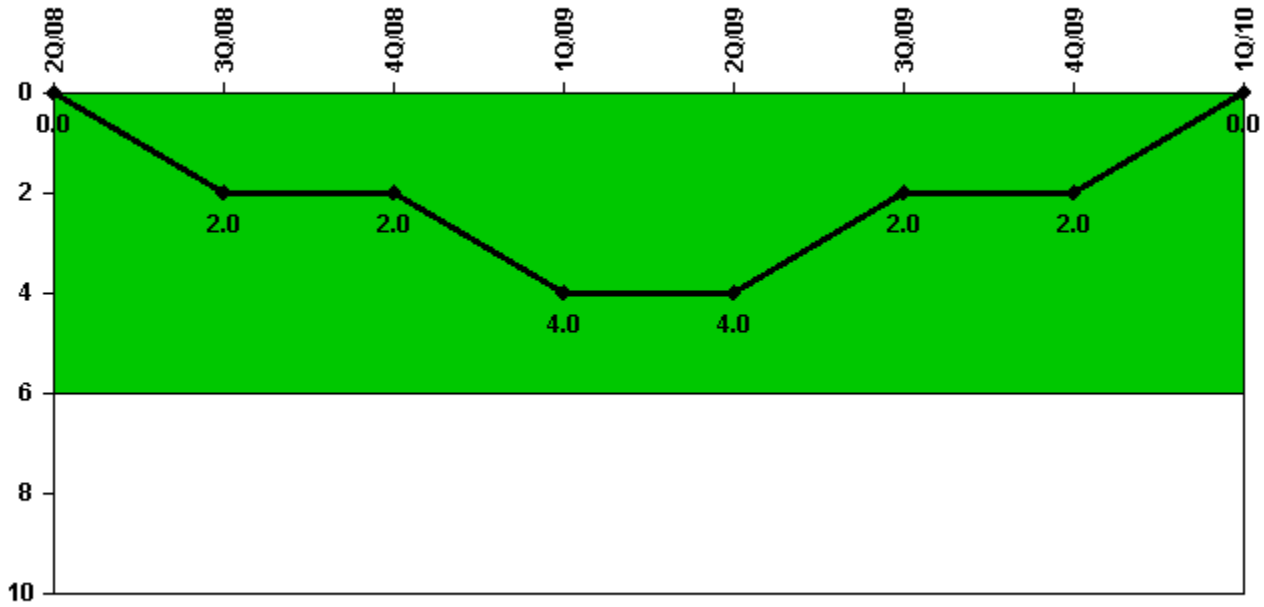
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
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)



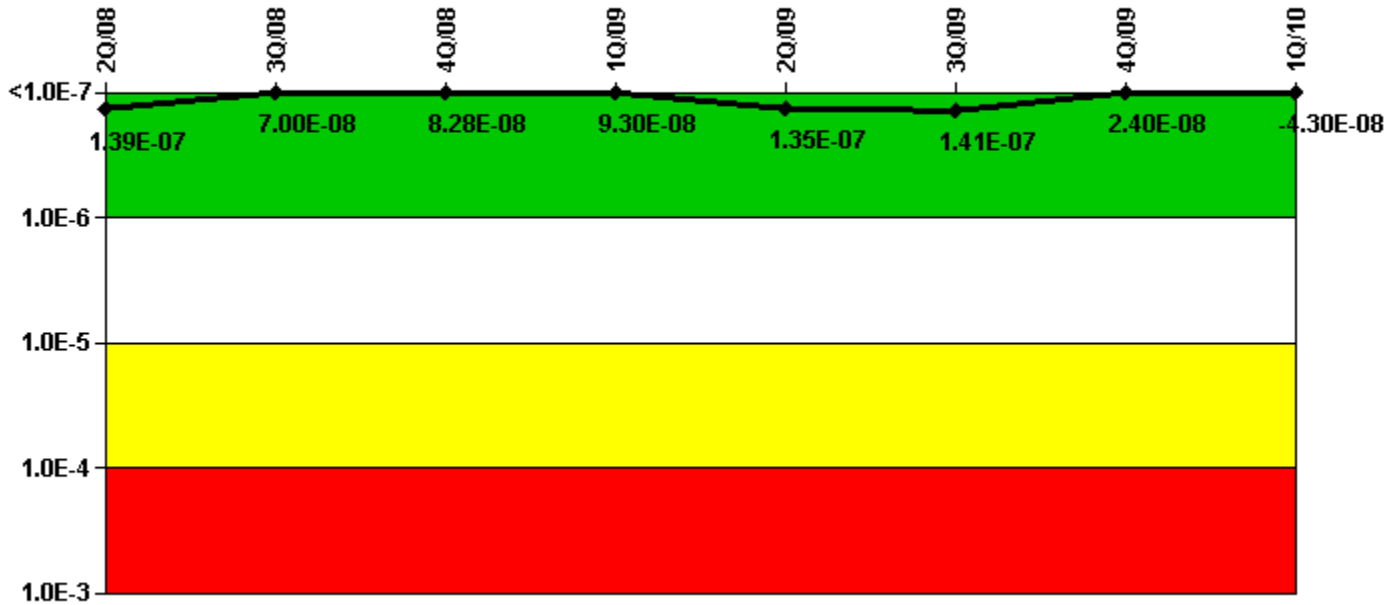
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Safety System Functional Failures	0	2	0	2	0	0	0	0
Indicator value	0	2	2	4	4	2	2	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

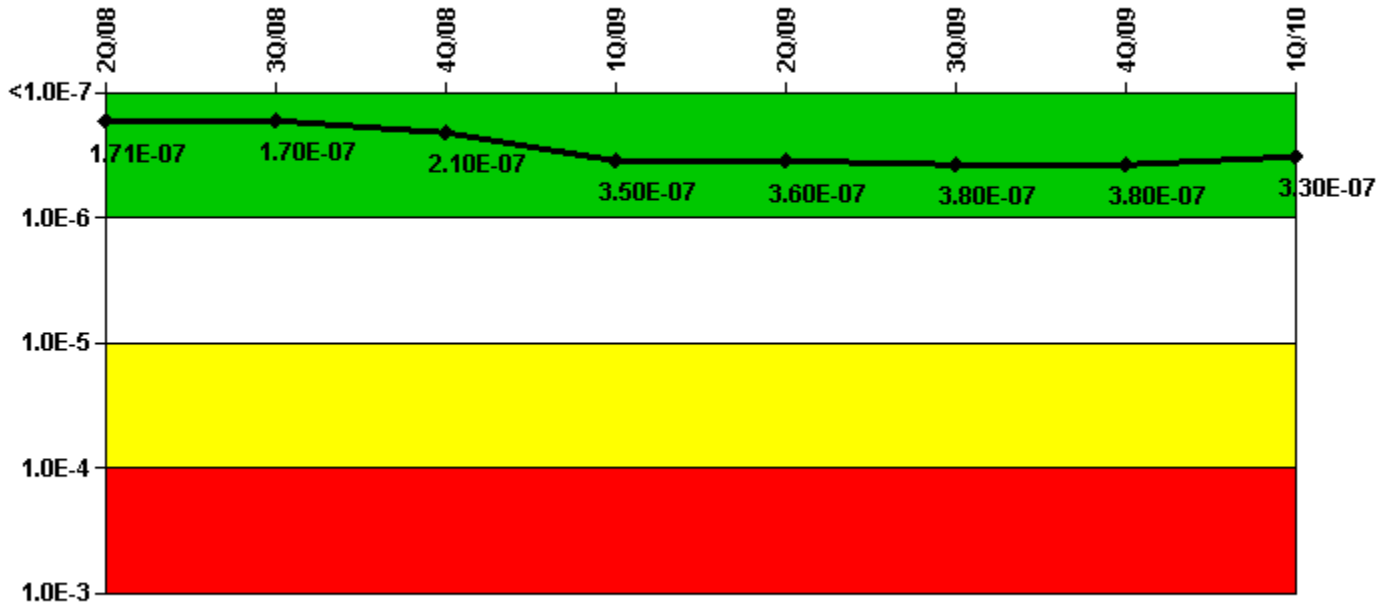
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	8.90E-09	-1.00E-08	3.80E-09	1.50E-08	1.50E-08	4.80E-08	4.50E-08	4.35E-09
URI (Δ CDF)	1.30E-07	8.00E-08	7.90E-08	7.80E-08	1.20E-07	9.30E-08	-2.10E-08	-4.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.39E-07	7.00E-08	8.28E-08	9.30E-08	1.35E-07	1.41E-07	2.40E-08	-4.30E-08

Licensee Comments:

1Q/10: INPOs CDE software for Brunswick was updated in January 2010 by adding cross-tie breakers E3-E1 and E4-E2 as separate trains/segments in the EAC Power MSPI system.

Mitigating Systems Performance Index, High Pressure Injection System



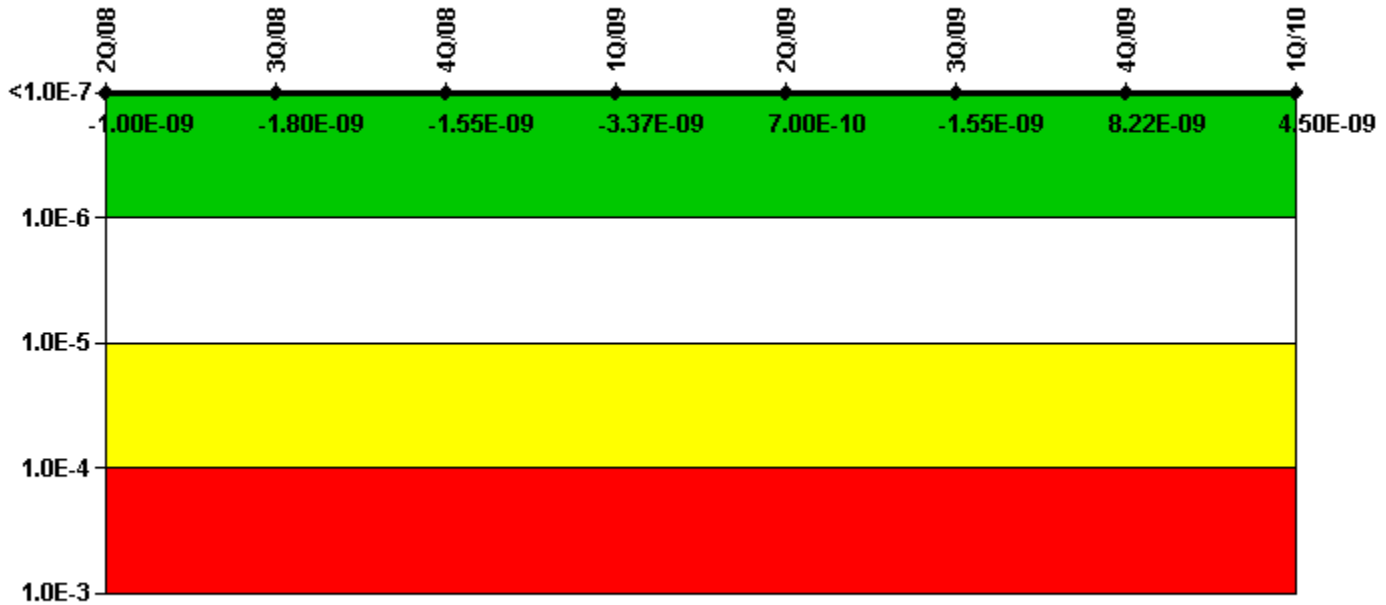
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	1.00E-07	1.00E-07	1.40E-07	1.40E-07	1.50E-07	1.70E-07	1.60E-07	1.08E-07
URI (Δ CDF)	7.10E-08	7.00E-08	7.00E-08	2.10E-07	2.10E-07	2.10E-07	2.20E-07	2.22E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.71E-07	1.70E-07	2.10E-07	3.50E-07	3.60E-07	3.80E-07	3.80E-07	3.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



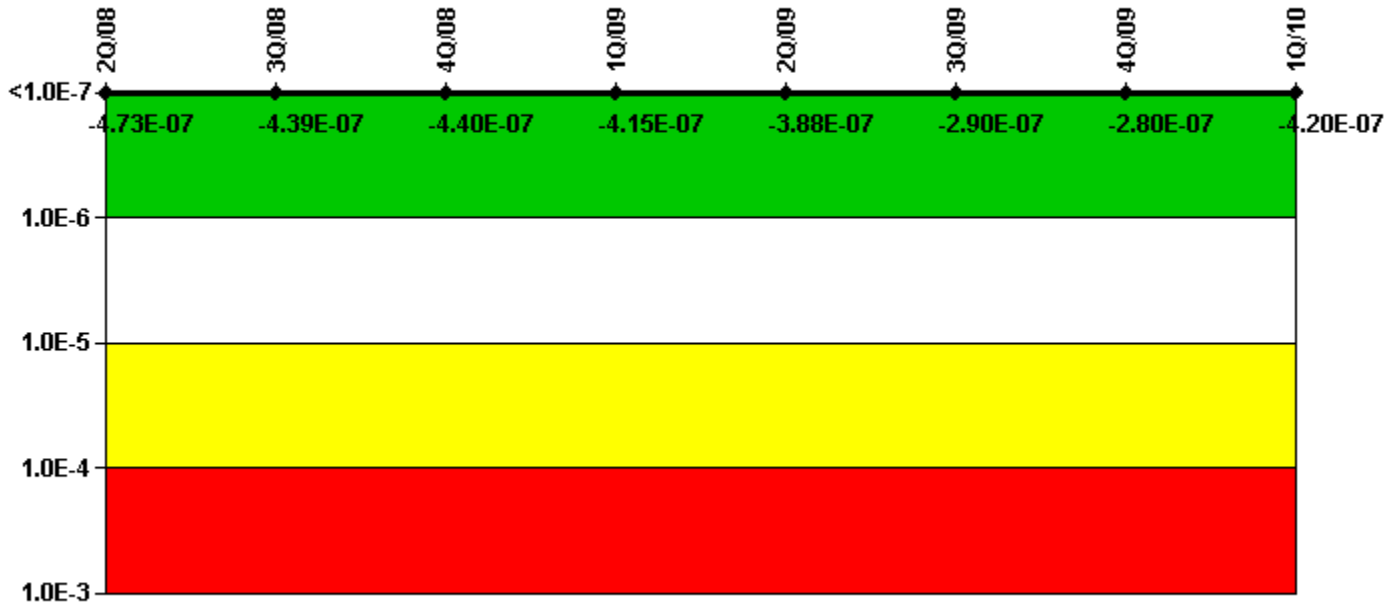
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-3.30E-09	-3.20E-09	-2.10E-09	-3.10E-09	1.80E-09	2.50E-10	1.20E-10	-1.80E-09
URI (Δ CDF)	2.30E-09	1.40E-09	5.50E-10	-2.70E-10	-1.10E-09	-1.80E-09	8.10E-09	6.27E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-09	-1.80E-09	-1.55E-09	-3.37E-09	7.00E-10	-1.55E-09	8.22E-09	4.50E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



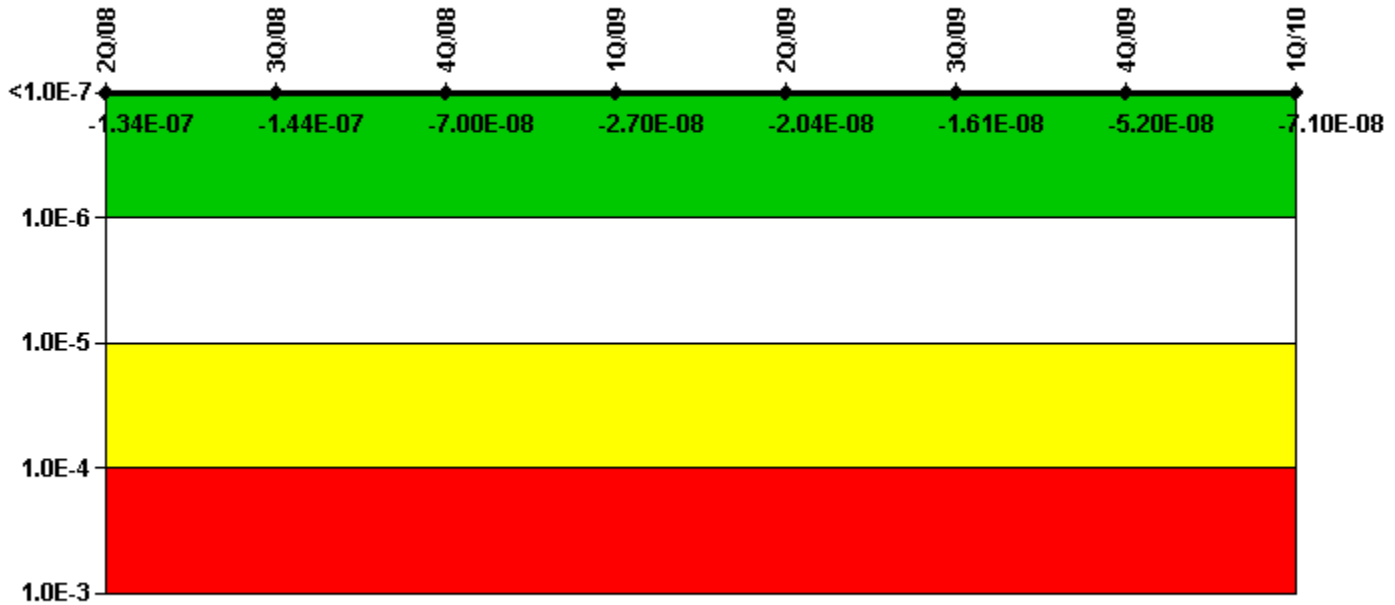
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-3.30E-08	-8.70E-09	-1.00E-08	5.00E-09	3.20E-08	1.30E-07	1.30E-07	-2.05E-08
URI (Δ CDF)	-4.40E-07	-4.30E-07	-4.30E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.10E-07	-4.04E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.73E-07	-4.39E-07	-4.40E-07	-4.15E-07	-3.88E-07	-2.90E-07	-2.80E-07	-4.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



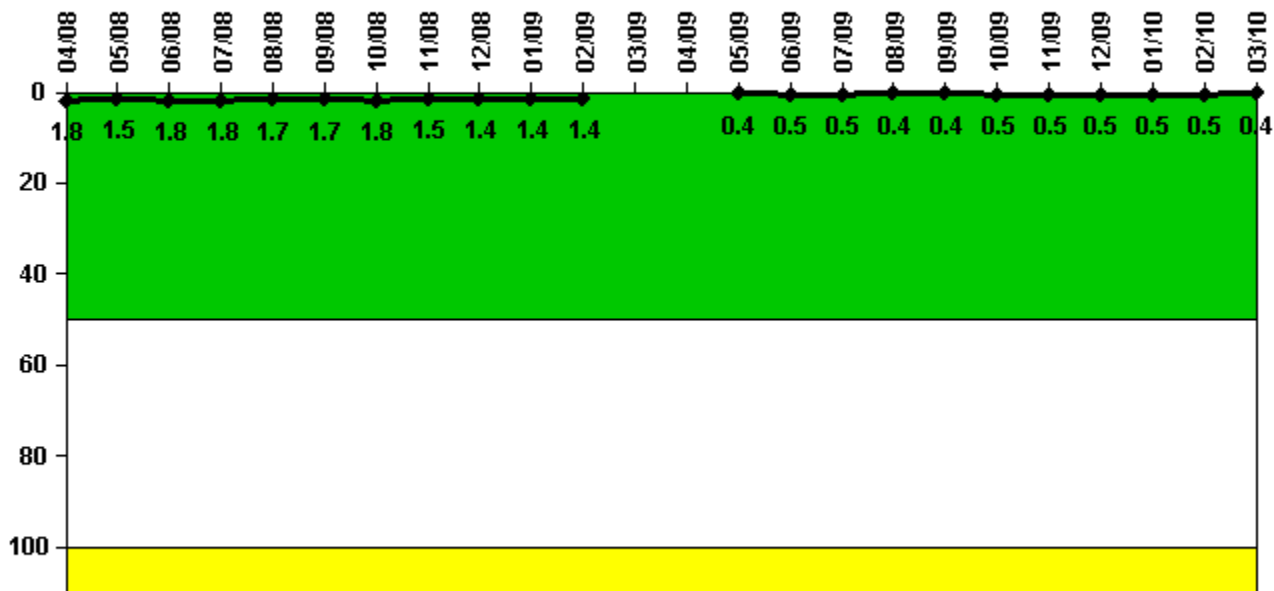
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-1.20E-07	-1.30E-07	-5.60E-08	-1.20E-08	-5.40E-09	-1.10E-10	-3.60E-08	-5.47E-08
URI (Δ CDF)	-1.40E-08	-1.40E-08	-1.40E-08	-1.50E-08	-1.50E-08	-1.60E-08	-1.60E-08	-1.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.34E-07	-1.44E-07	-7.00E-08	-2.70E-08	-2.04E-08	-1.61E-08	-5.20E-08	-7.10E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

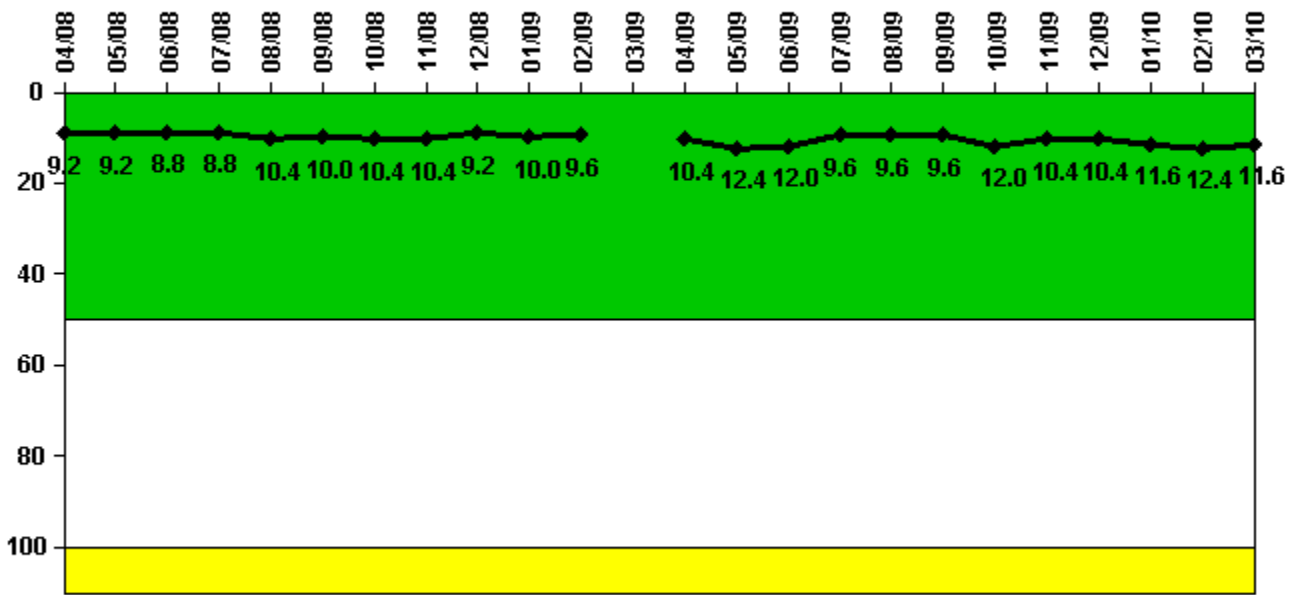
Notes

Reactor Coolant System Activity	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum activity	0.003530	0.003078	0.003591	0.003575	0.003353	0.003459	0.003693	0.003056	0.002813	0.002778	0.002810	N/A
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	1.8	1.5	1.8	1.8	1.7	1.7	1.8	1.5	1.4	1.4	1.4	N/A

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	N/A	0.000859	0.000967	0.000931	0.000886	0.000791	0.000905	0.000908	0.000917	0.000954	0.001015	0.000874
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	N/A	0.4	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4

Licensee Comments: none

Reactor Coolant System Leakage



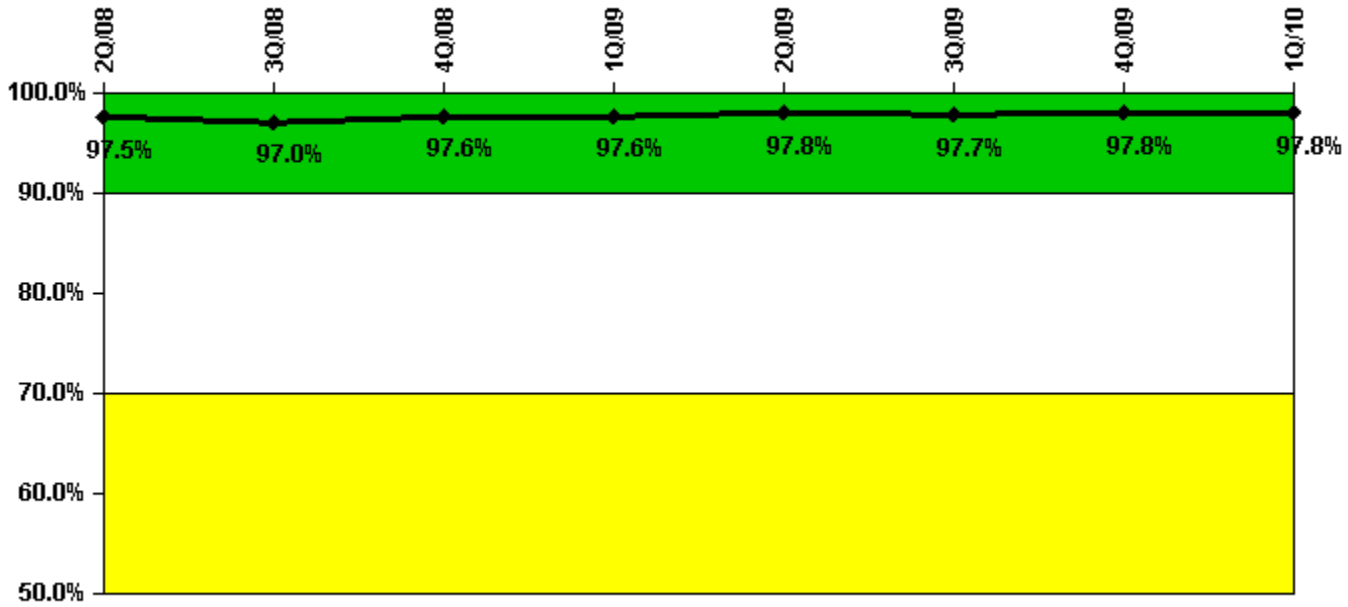
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	2.300	2.300	2.200	2.200	2.600	2.500	2.600	2.600	2.300	2.500	2.400	N/A
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	9.2	9.2	8.8	8.8	10.4	10.0	10.4	10.4	9.2	10.0	9.6	N/A
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	2.600	3.100	3.000	2.400	2.400	2.400	3.000	2.600	2.600	2.900	3.100	2.900
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	10.4	12.4	12.0	9.6	9.6	9.6	12.0	10.4	10.4	11.6	12.4	11.6

Licensee Comments: none

Drill/Exercise Performance



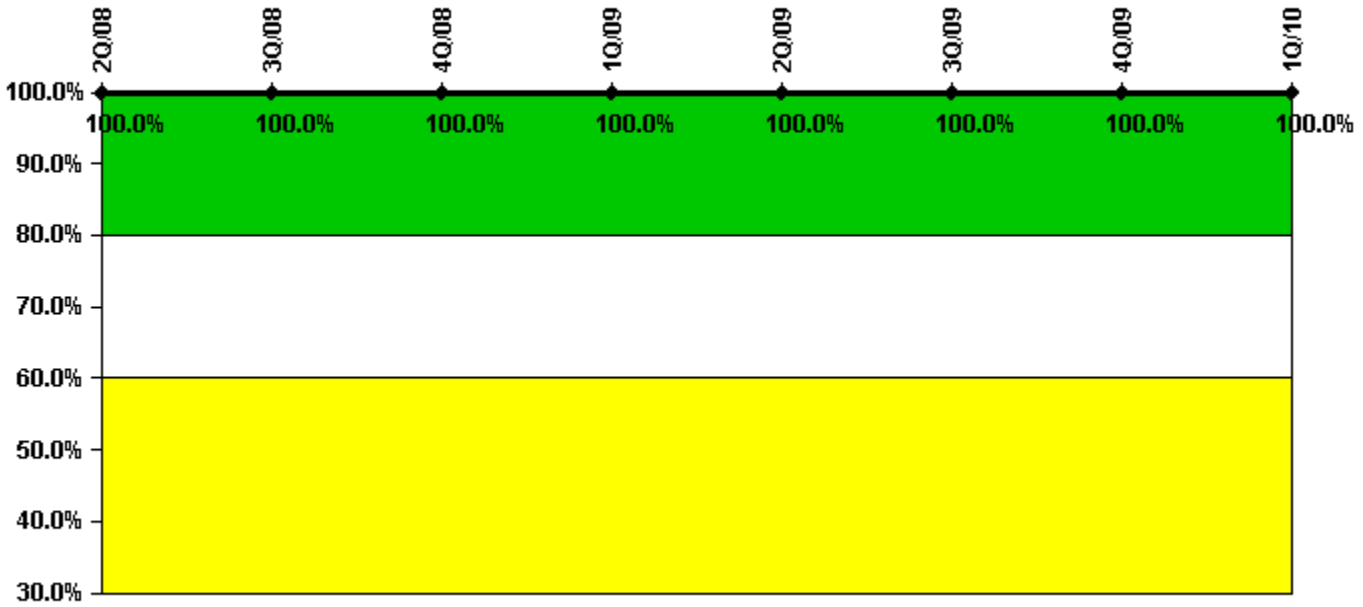
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	13.0	21.0	58.0	0	27.0	16.0	39.0	4.0
Total opportunities	14.0	22.0	60.0	0	27.0	16.0	39.0	4.0
Indicator value	97.5%	97.0%	97.6%	97.6%	97.8%	97.7%	97.8%	97.8%

Licensee Comments: none

ERO Drill Participation



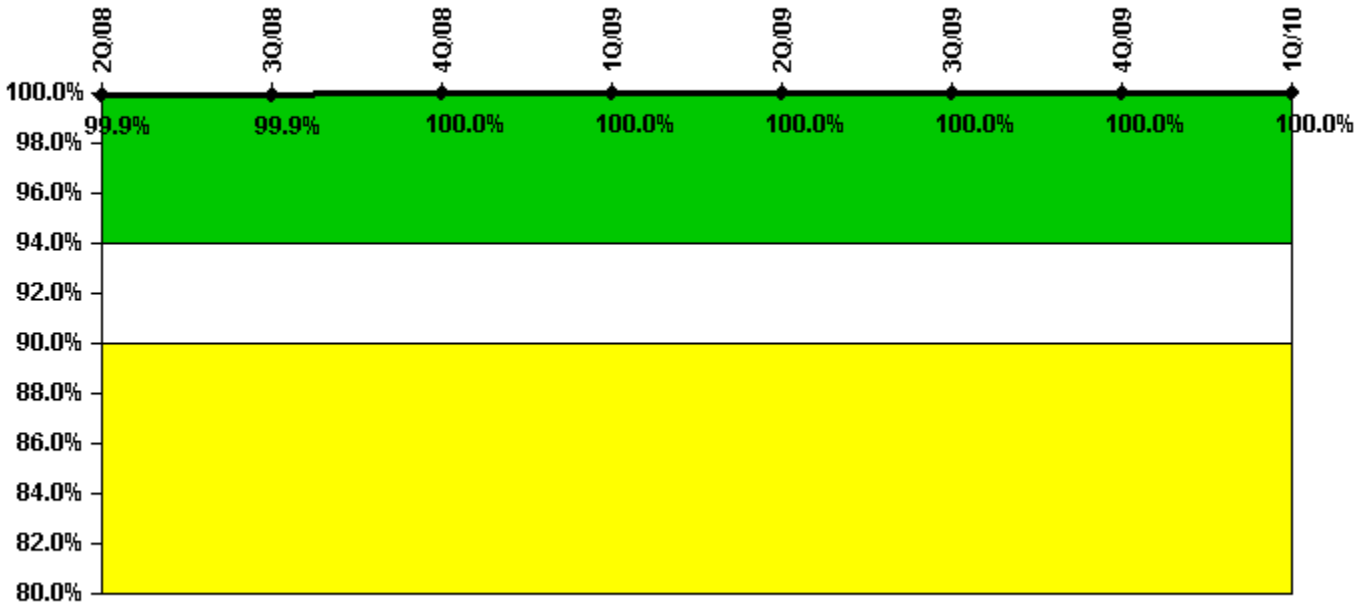
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	95.0	93.0	95.0	92.0	97.0	102.0	97.0	95.0
Total Key personnel	95.0	93.0	95.0	92.0	97.0	102.0	97.0	95.0
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	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	531	570	570	532	532	531	570	532
Total sirens-tests	532	570	570	532	532	532	570	532
Indicator value	99.9%	99.9%	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	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
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	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
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.