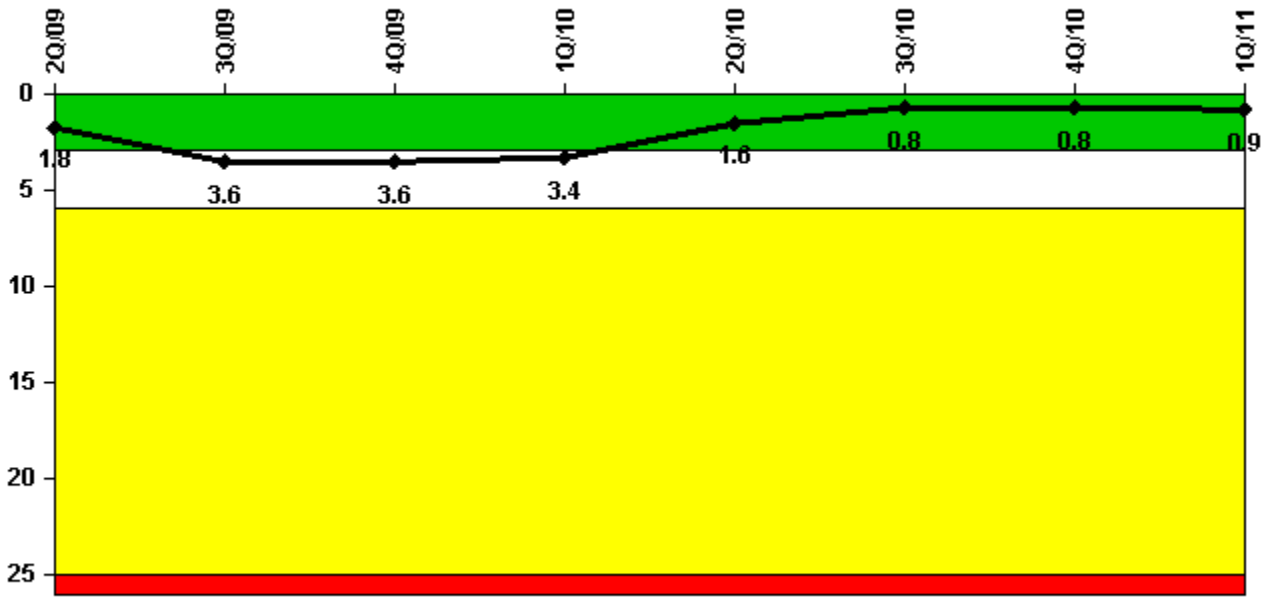


Indian Point 3

1Q/2011 Performance Indicators

Licensee's General Comments: PI IE03 (Unplanned Power changes): On February 22, 2011, discovery of flooding in the Service Water (SW) valve pit due to a through wall unisolatable leak on the Conventional Essential SW Header required an unplanned plant shutdown per Technical Specification 3.0.3. PI OR01 (Occupational Exposure Control Effectiveness) due to a failure to lock a gate to the Regenerative Heat Exchanger Locked High Radiation area in the reactor containment.

Unplanned Scrams per 7000 Critical Hrs



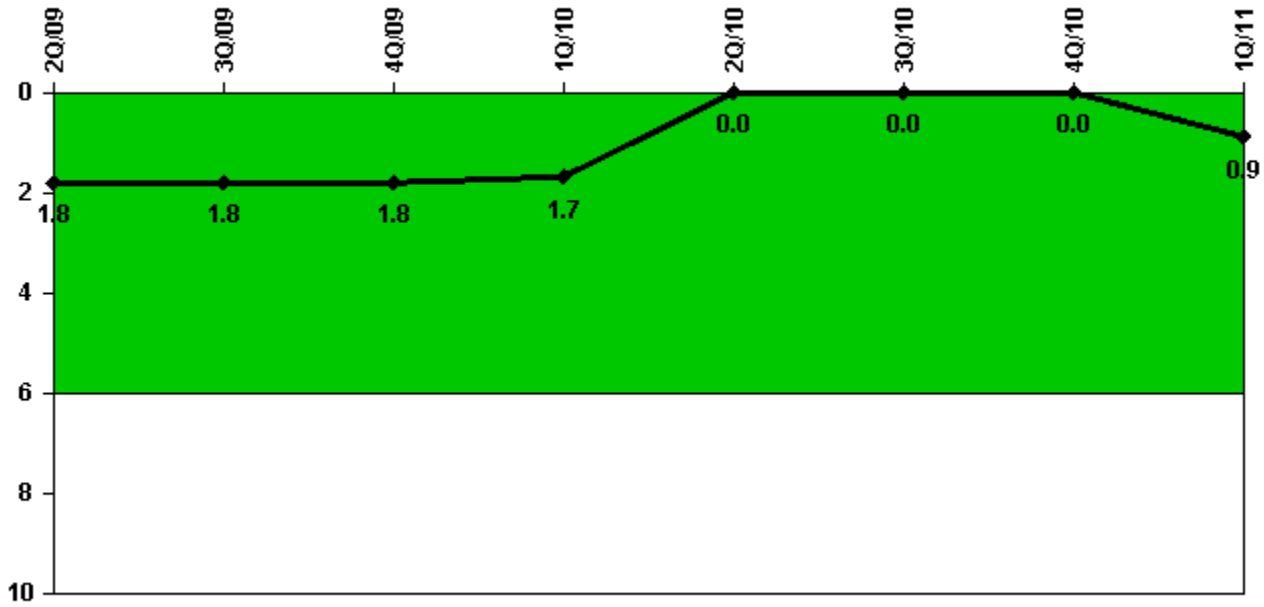
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	2.0	0	0	0	1.0	0	0
Critical hours	1714.7	2139.4	2209.0	2159.0	2184.0	2166.2	2209.0	1555.7
Indicator value	1.8	3.6	3.6	3.4	1.6	0.8	0.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



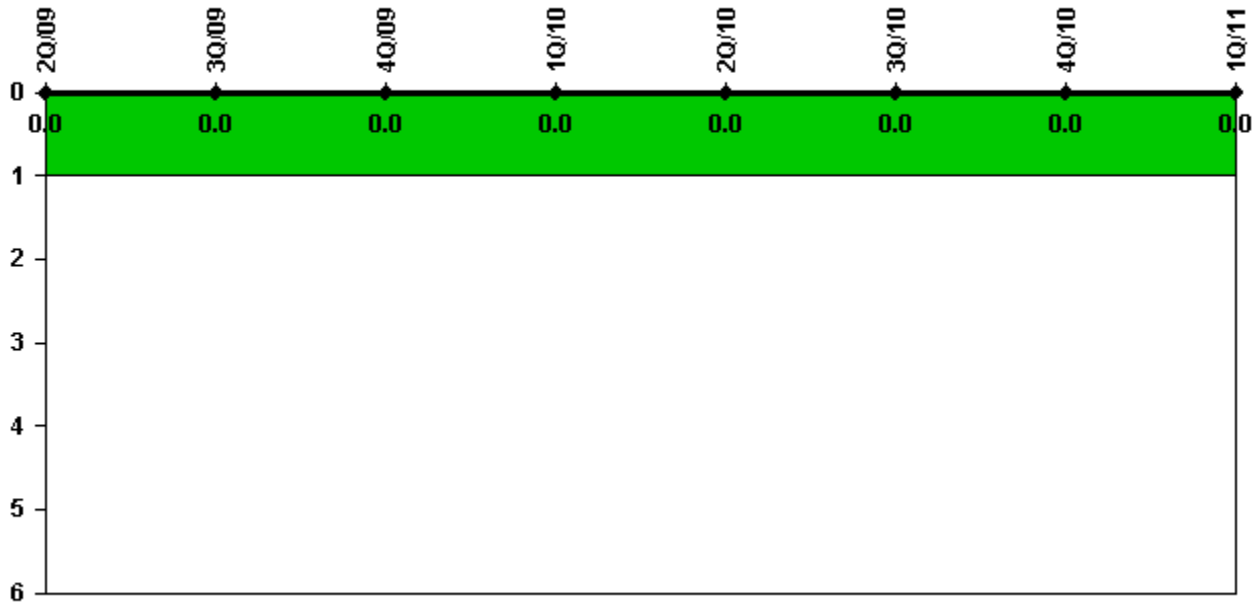
Thresholds: White > 6.0

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	2.0	0	0	0	0	0	0	1.0
Critical hours	1714.7	2139.4	2209.0	2159.0	2184.0	2166.2	2209.0	1555.7
Indicator value	1.8	1.8	1.8	1.7	0	0	0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



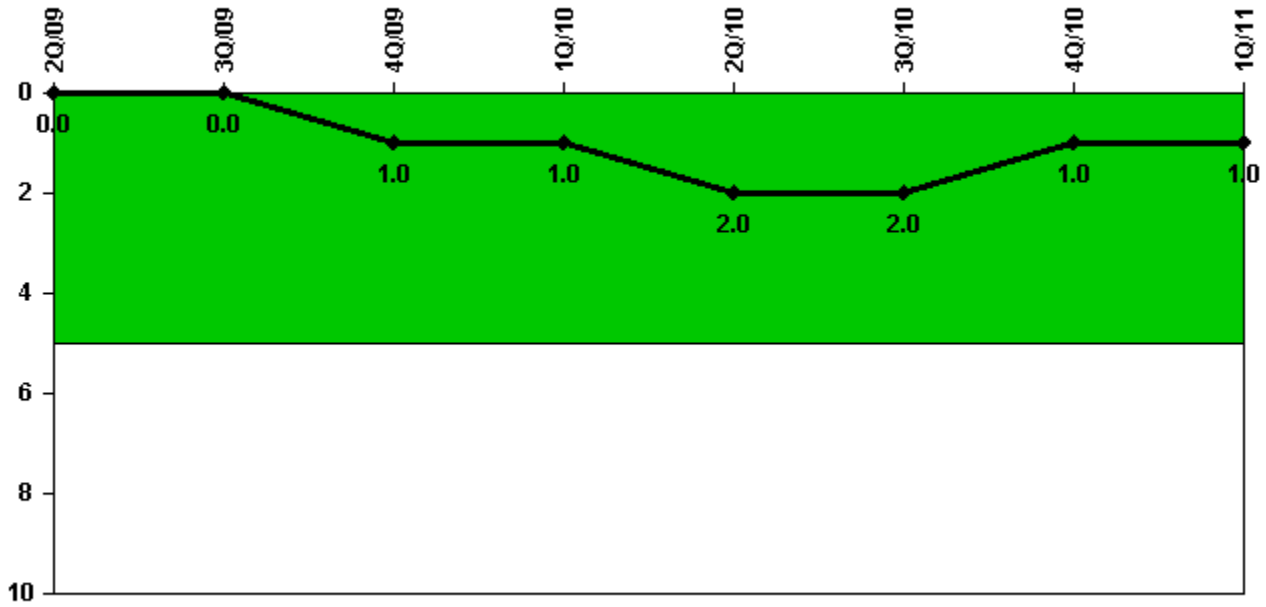
Thresholds: White > 1.0

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 (PWR)



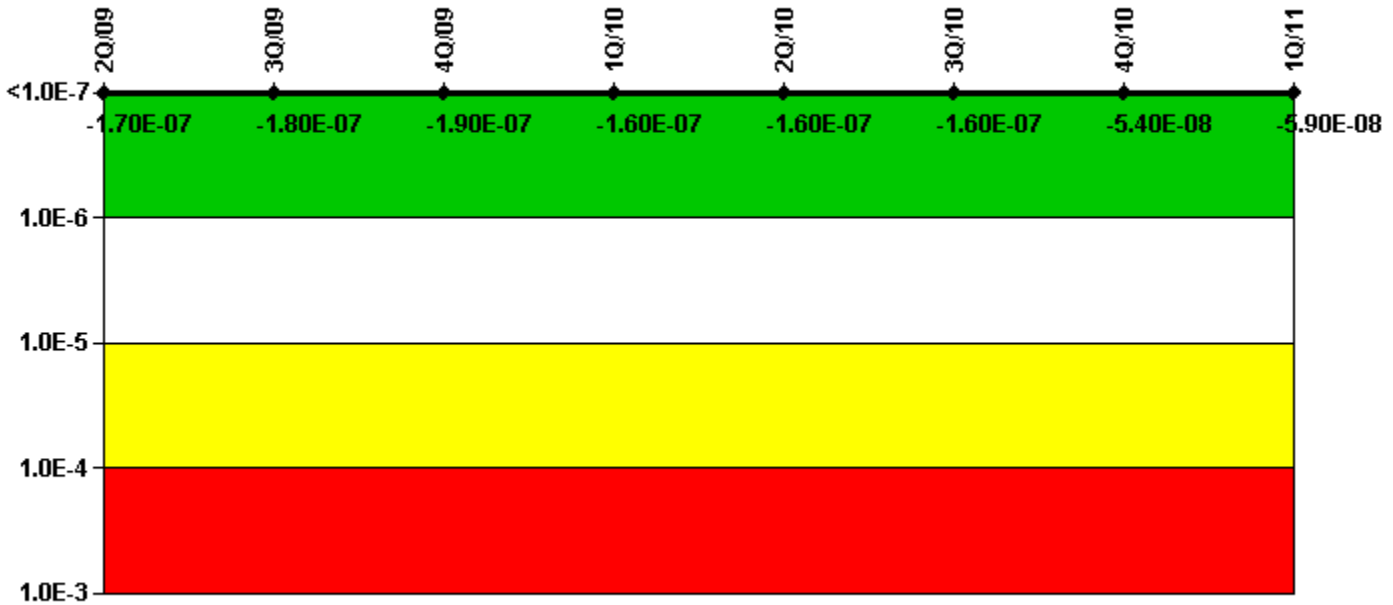
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



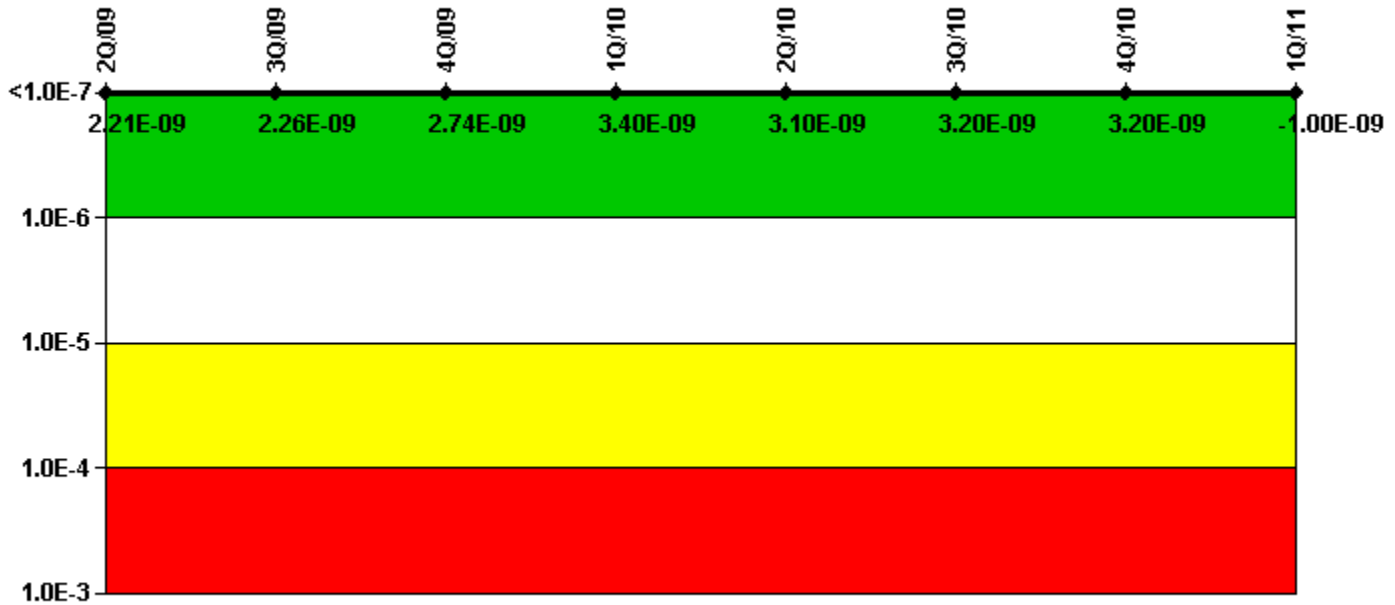
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	1.40E-07	1.40E-07	1.30E-07	1.35E-07	1.35E-07	1.41E-07	1.51E-07	1.62E-07
URI (Δ CDF)	-3.10E-07	-3.20E-07	-3.20E-07	-2.98E-07	-2.99E-07	-2.98E-07	-2.05E-07	-2.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.70E-07	-1.80E-07	-1.90E-07	-1.60E-07	-1.60E-07	-1.60E-07	-5.40E-08	-5.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



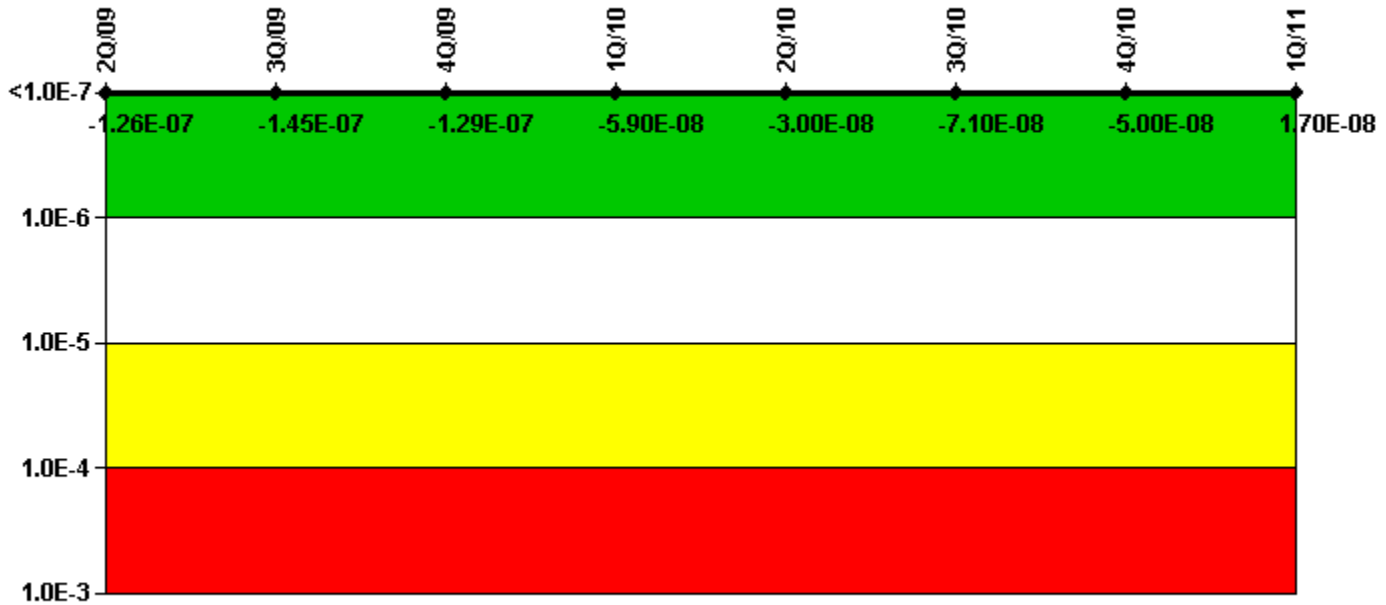
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	3.10E-10	5.90E-11	1.40E-10	1.28E-10	-1.39E-10	-1.55E-10	-1.56E-10	-3.00E-10
URI (Δ CDF)	1.90E-09	2.20E-09	2.60E-09	3.25E-09	3.27E-09	3.33E-09	3.40E-09	-7.34E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.21E-09	2.26E-09	2.74E-09	3.40E-09	3.10E-09	3.20E-09	3.20E-09	1.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



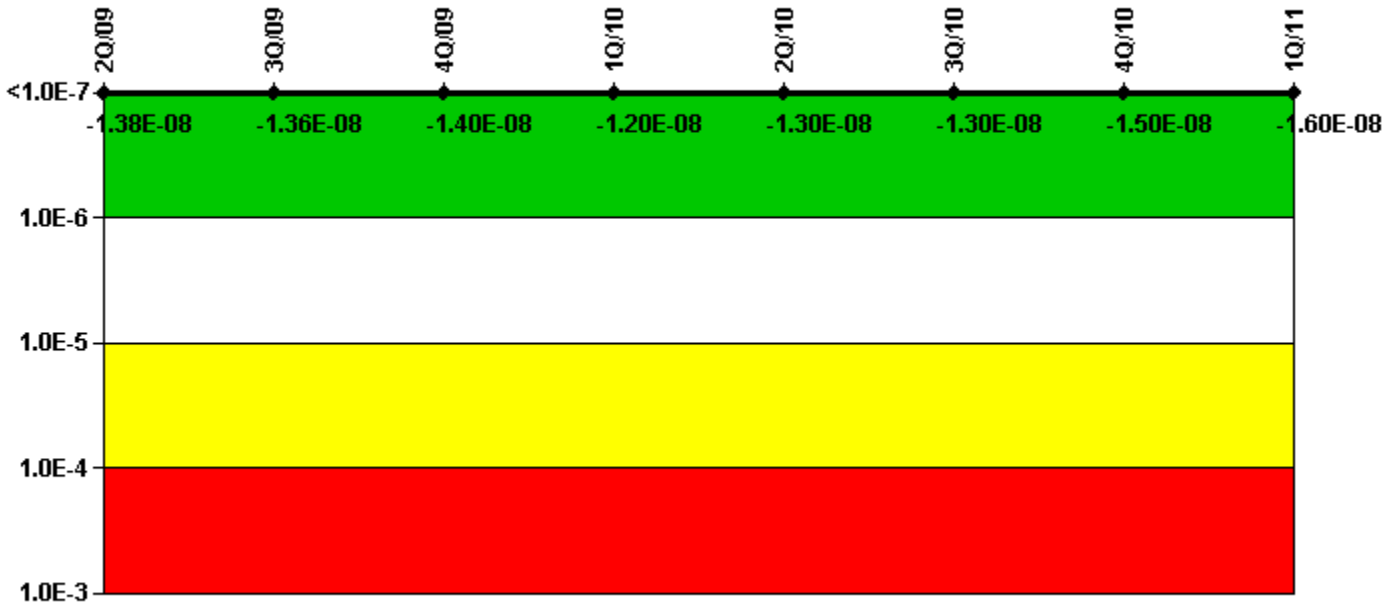
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)	-1.60E-08	-2.50E-08	9.90E-10	3.86E-08	3.05E-08	-8.85E-09	1.17E-08	9.22E-08
URI (Δ CDF)	-1.10E-07	-1.20E-07	-1.30E-07	-9.78E-08	-6.08E-08	-6.17E-08	-6.17E-08	-7.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.26E-07	-1.45E-07	-1.29E-07	-5.90E-08	-3.00E-08	-7.10E-08	-5.00E-08	1.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



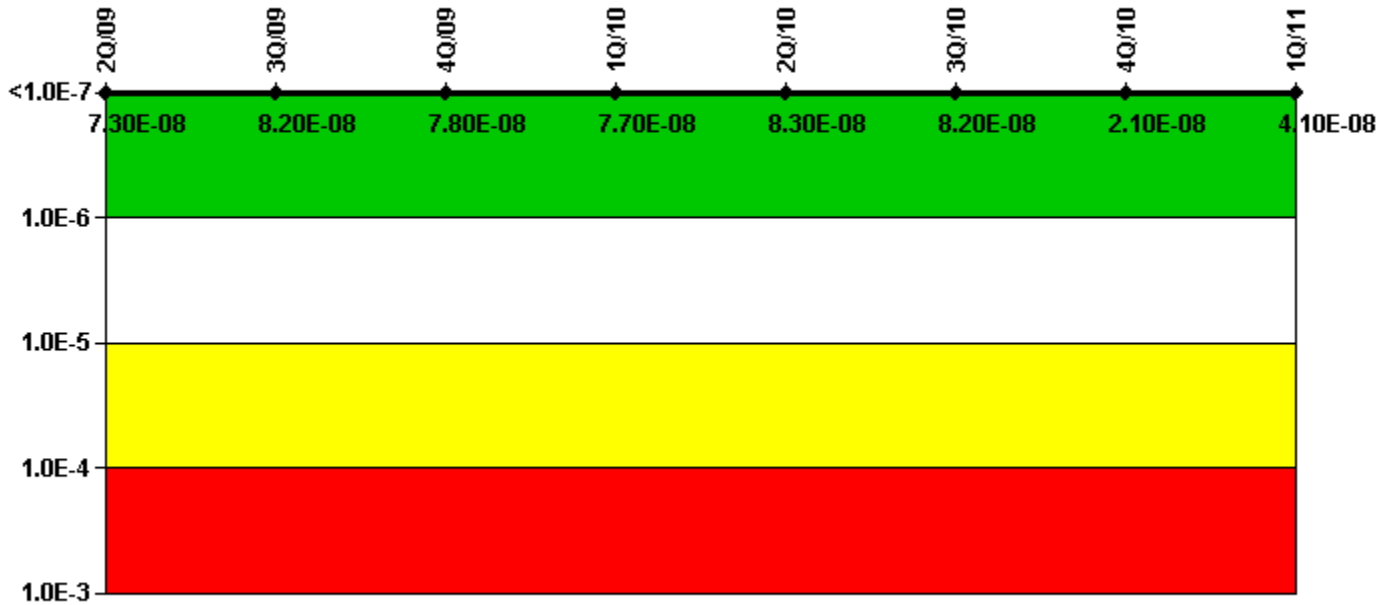
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-8.70E-09	-8.50E-09	-8.90E-09	-8.96E-09	-1.02E-08	-1.02E-08	-1.20E-08	-1.20E-08
URI (Δ CDF)	-5.10E-09	-5.10E-09	-5.10E-09	-3.46E-09	-3.22E-09	-3.18E-09	-3.22E-09	-4.30E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.38E-08	-1.36E-08	-1.40E-08	-1.20E-08	-1.30E-08	-1.30E-08	-1.50E-08	-1.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



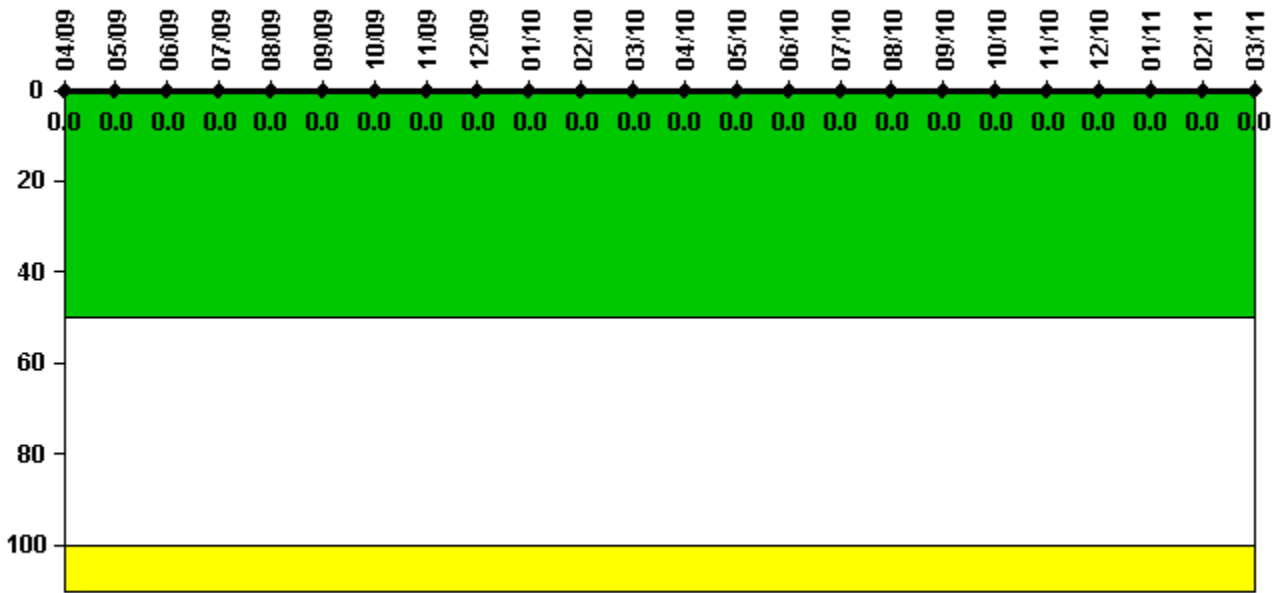
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	5.10E-08	6.00E-08	5.60E-08	5.24E-08	5.82E-08	5.75E-08	3.47E-08	5.48E-08
URI (Δ CDF)	2.20E-08	2.20E-08	2.20E-08	2.45E-08	2.44E-08	2.45E-08	-1.35E-08	-1.39E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.30E-08	8.20E-08	7.80E-08	7.70E-08	8.30E-08	8.20E-08	2.10E-08	4.10E-08

Licensee Comments: none

Reactor Coolant System Activity



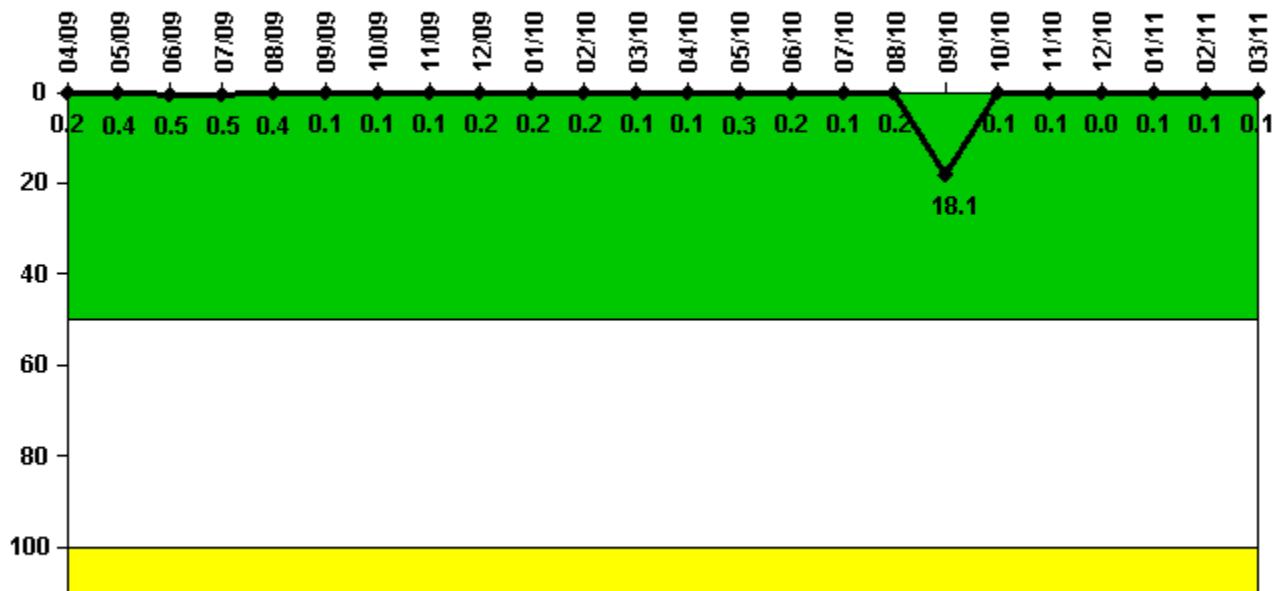
Thresholds: White > 50.0 Yellow > 100.0

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	0.000145	0.000127	0.000124	0.000151	0.000153	0.000157	0.000171	0.000173	0.000194	0.000201	0.000205	0.000221
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	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	0.000244	0.000244	0.000245	0.000257	0.000301	0.000301	0.000313	0.000294	0.000303	0.000292	0.000324	0.000253
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	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



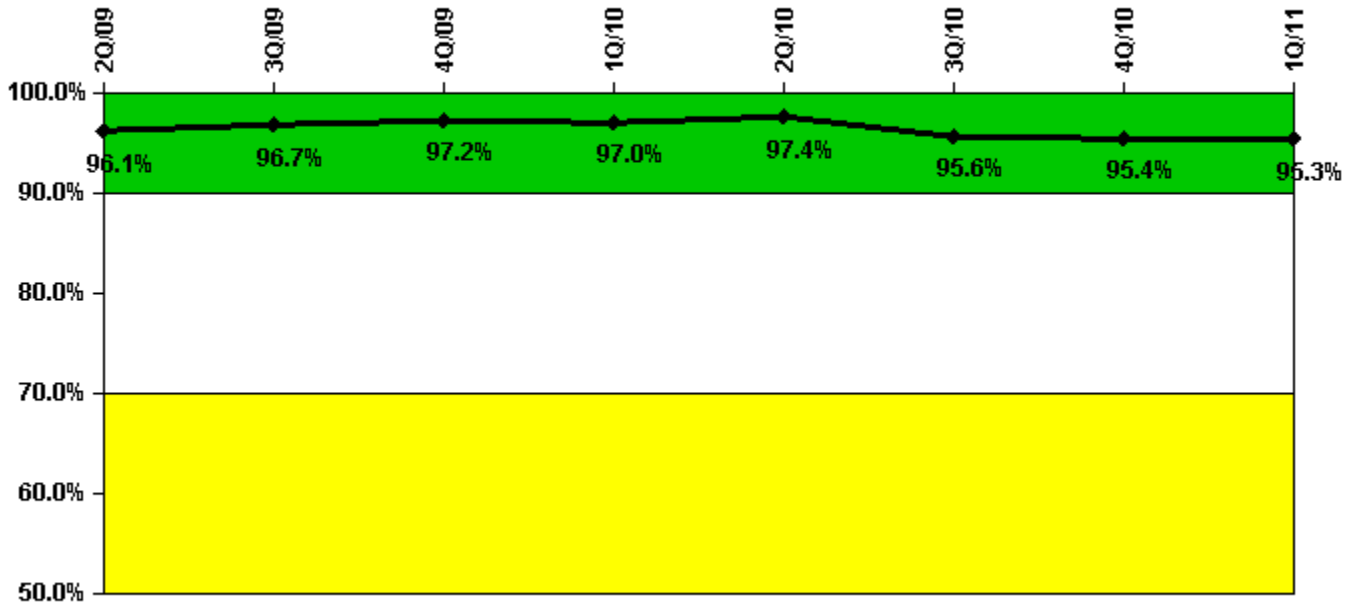
Thresholds: White > 50.0 Yellow > 100.0

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	0.020	0.040	0.050	0.050	0.040	0.010	0.010	0.010	0.020	0.020	0.020	0.010
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	0.4	0.5	0.5	0.4	0.1	0.1	0.1	0.2	0.2	0.2	0.1
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	0.010	0.030	0.020	0.010	0.020	1.810	0.010	0.010	0	0.010	0.010	0.010
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	0.1	0.3	0.2	0.1	0.2	18.1	0.1	0.1	0	0.1	0.1	0.1

Licensee Comments: none

Drill/Exercise Performance



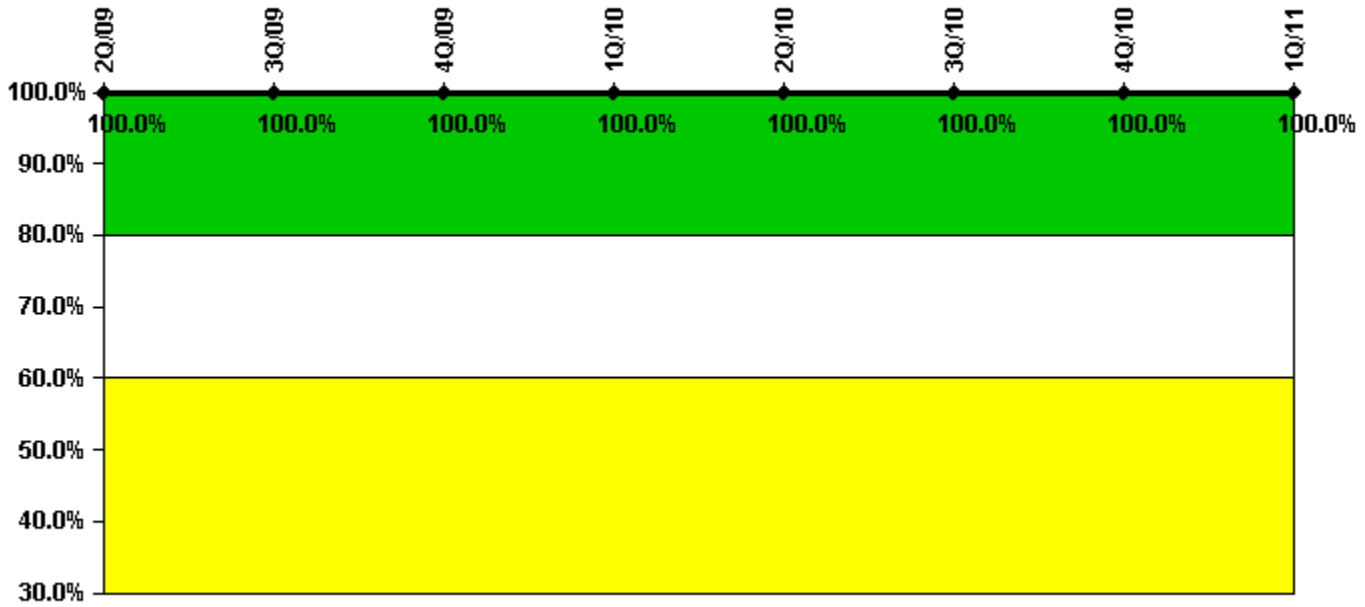
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	38.0	95.0	62.0	17.0	46.0	97.0	54.0	19.0
Total opportunities	38.0	96.0	64.0	18.0	48.0	108.0	56.0	21.0
Indicator value	96.1%	96.7%	97.2%	97.0%	97.4%	95.6%	95.4%	95.3%

Licensee Comments: none

ERO Drill Participation



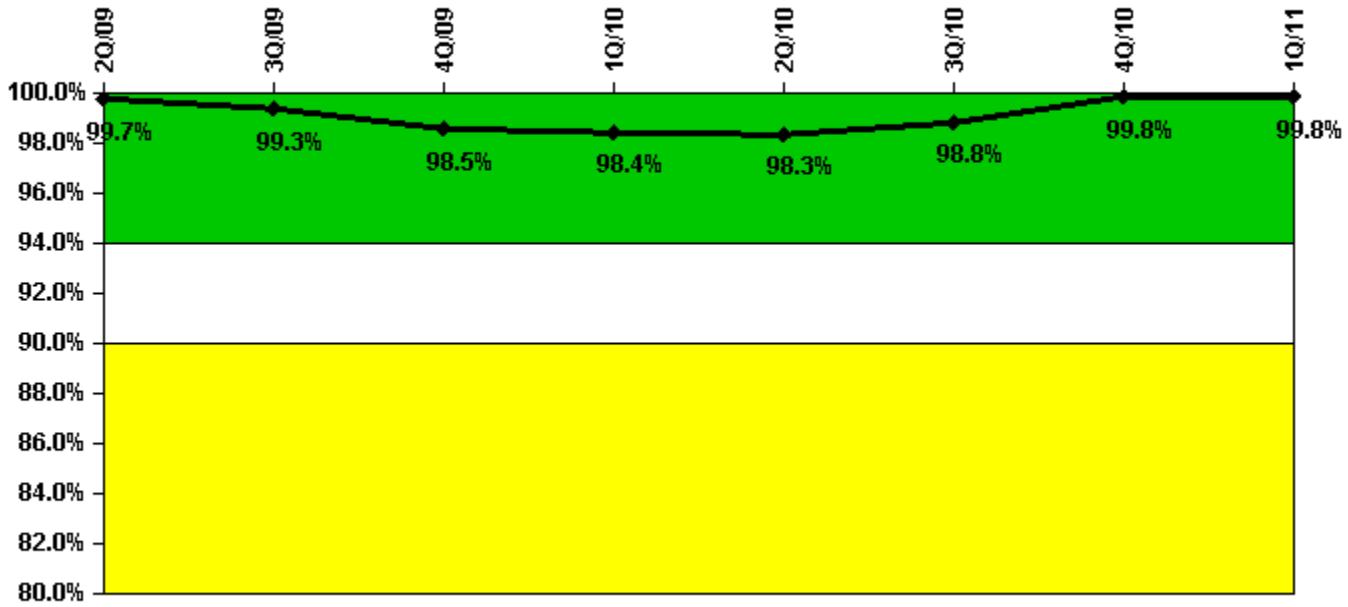
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	98.0	100.0	103.0	108.0	113.0	107.0	104.0	102.0
Total Key personnel	98.0	100.0	103.0	108.0	113.0	107.0	104.0	102.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



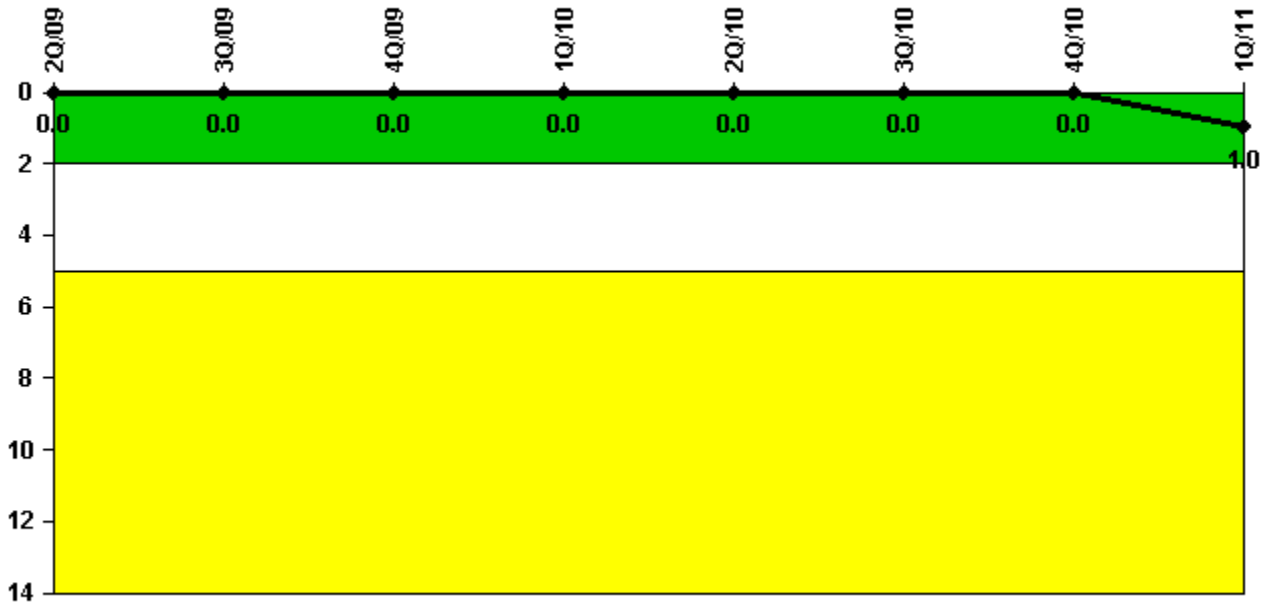
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	1200	1159	1121	1014	878	1065	956	1012
Total sirens-tests	1204	1181	1163	1018	881	1066	957	1013
Indicator value	99.7%	99.3%	98.5%	98.4%	98.3%	98.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



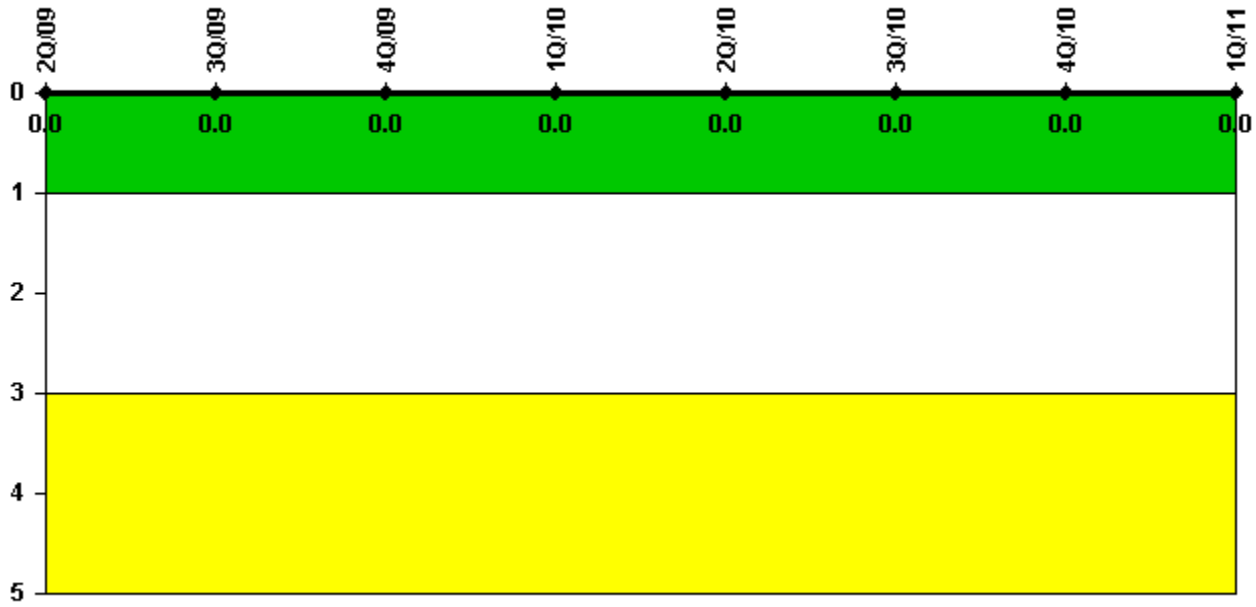
Thresholds: White > 2.0 Yellow > 5.0

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	0	0	1
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	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.