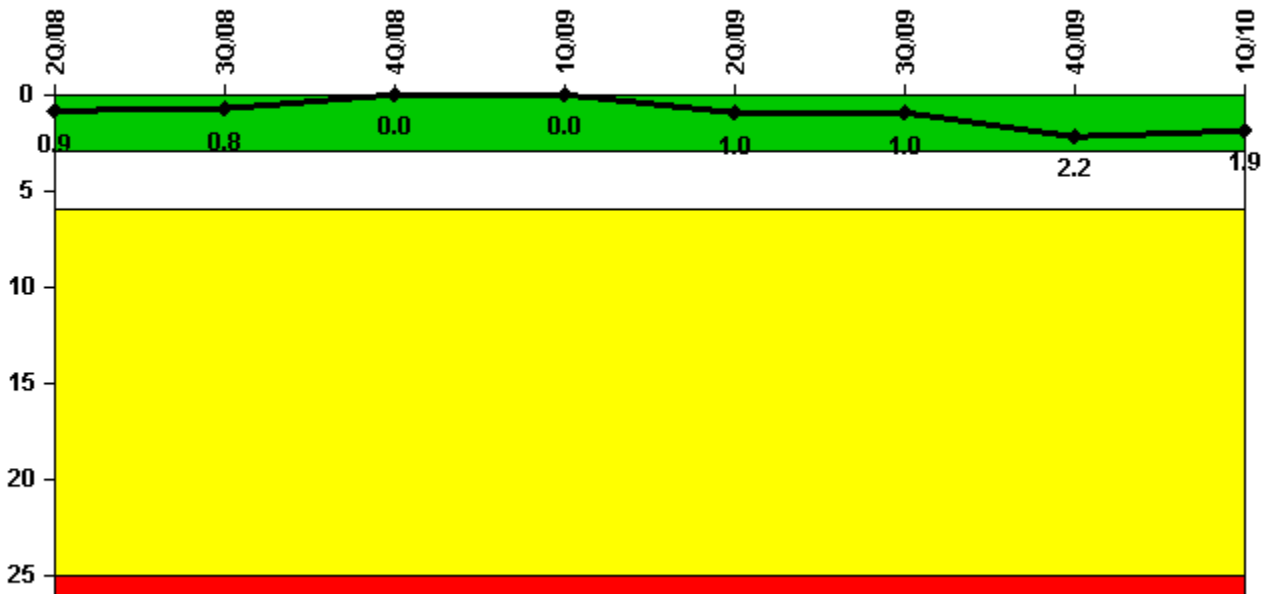


Perry 1

1Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



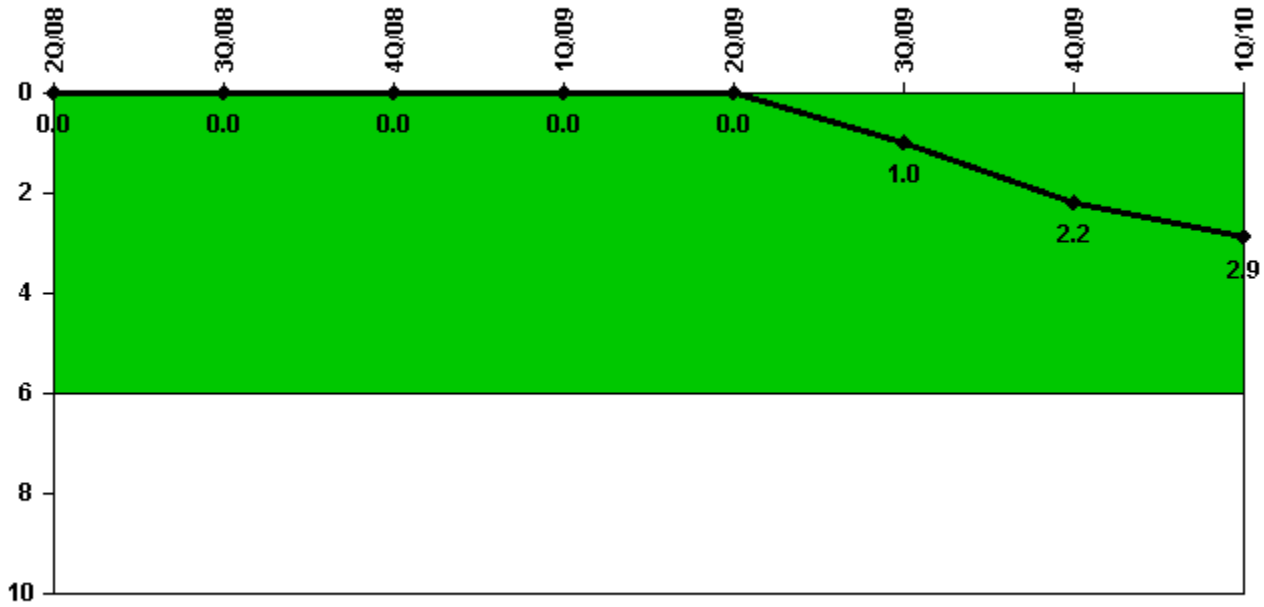
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned scrams	0	0	0	0	1.0	0	1.0	0
Critical hours	2000.9	2208.0	2209.0	1272.7	1134.7	2208.0	1801.9	2159.0
Indicator value	0.9	0.8	0	0	1.0	1.0	2.2	1.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



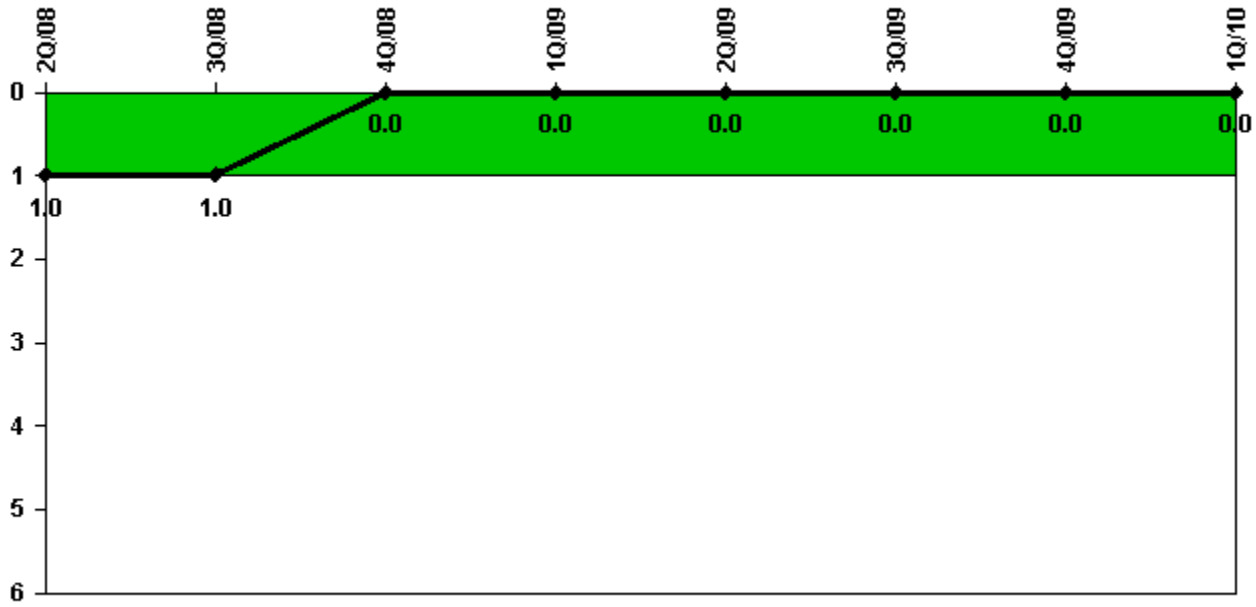
Thresholds: White > 6.0

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	0	1.0	1.0	1.0
Critical hours	2000.9	2208.0	2209.0	1272.7	1134.7	2208.0	1801.9	2159.0
Indicator value	0	0	0	0	0	1.0	2.2	2.9

Licensee Comments: none

Unplanned Scrams with Complications



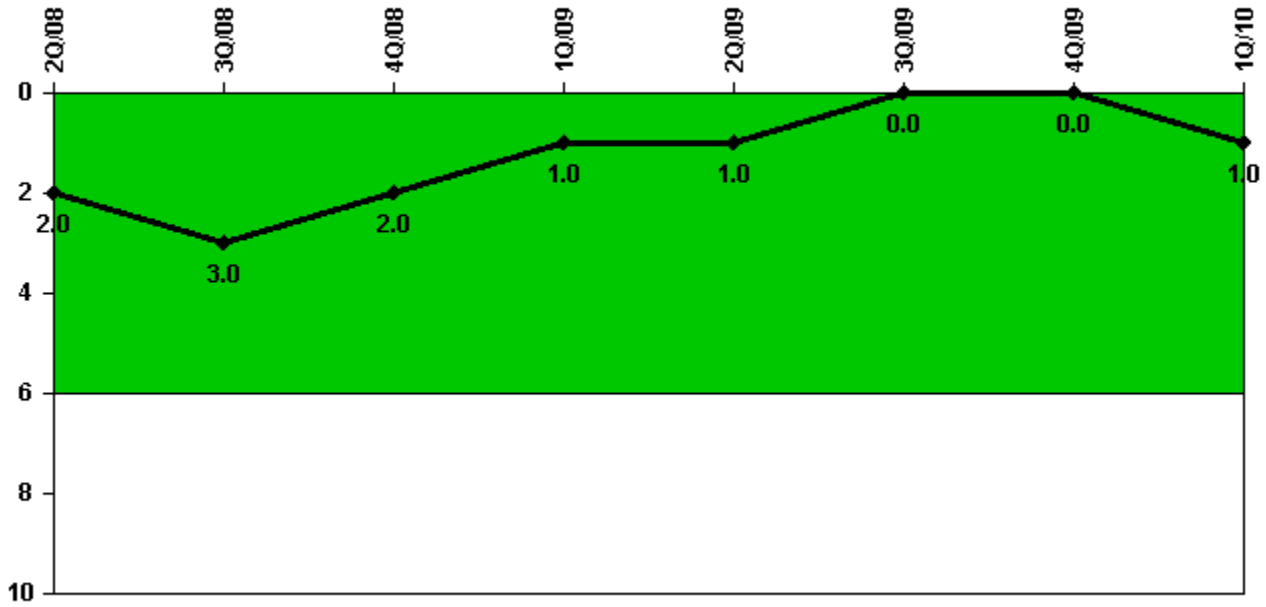
Thresholds: White > 1.0

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	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



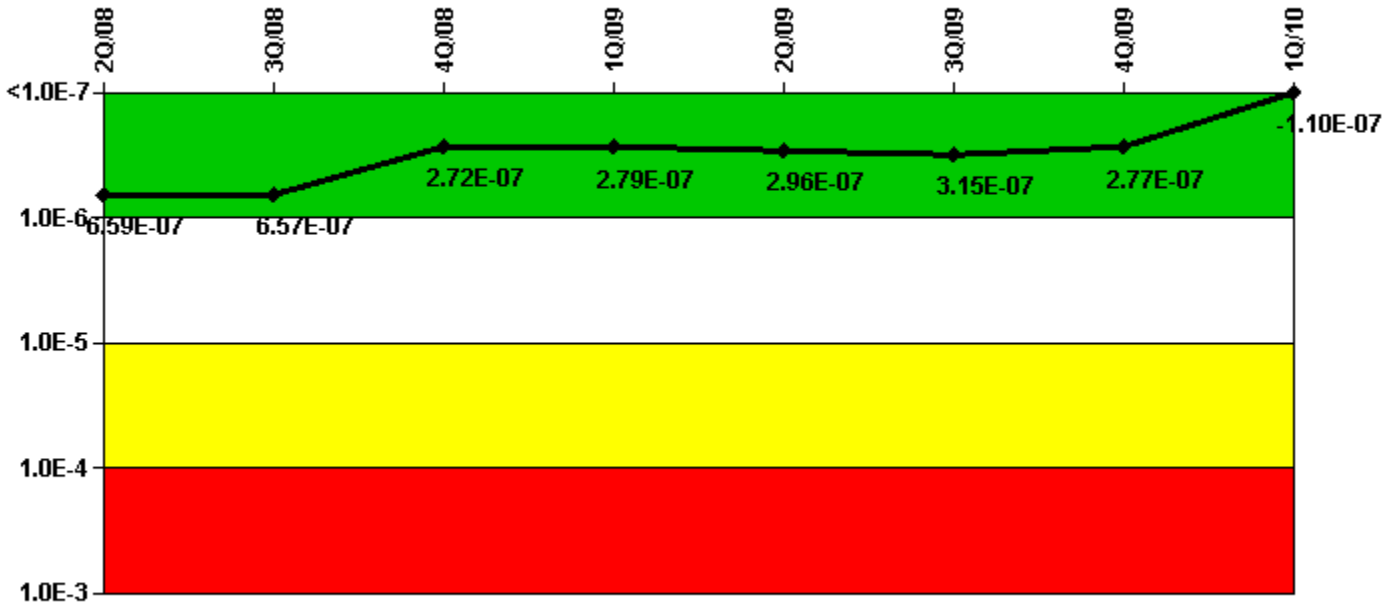
Thresholds: White > 6.0

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	1	0	0	0	0	0	1
Indicator value	2	3	2	1	1	0	0	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



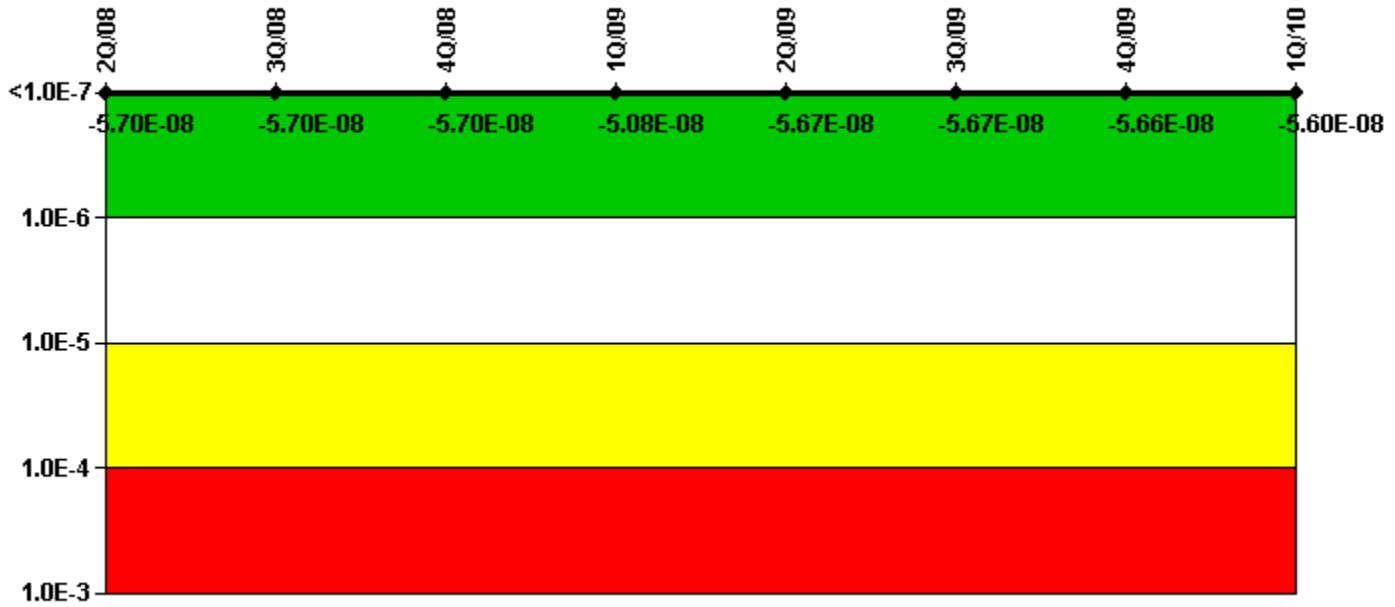
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	4.90E-08	4.70E-08	-8.30E-09	-5.20E-10	1.60E-08	3.50E-08	-2.90E-09	1.06E-07
URI (Δ CDF)	6.10E-07	6.10E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	-2.16E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.59E-07	6.57E-07	2.72E-07	2.79E-07	2.96E-07	3.15E-07	2.77E-07	-1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



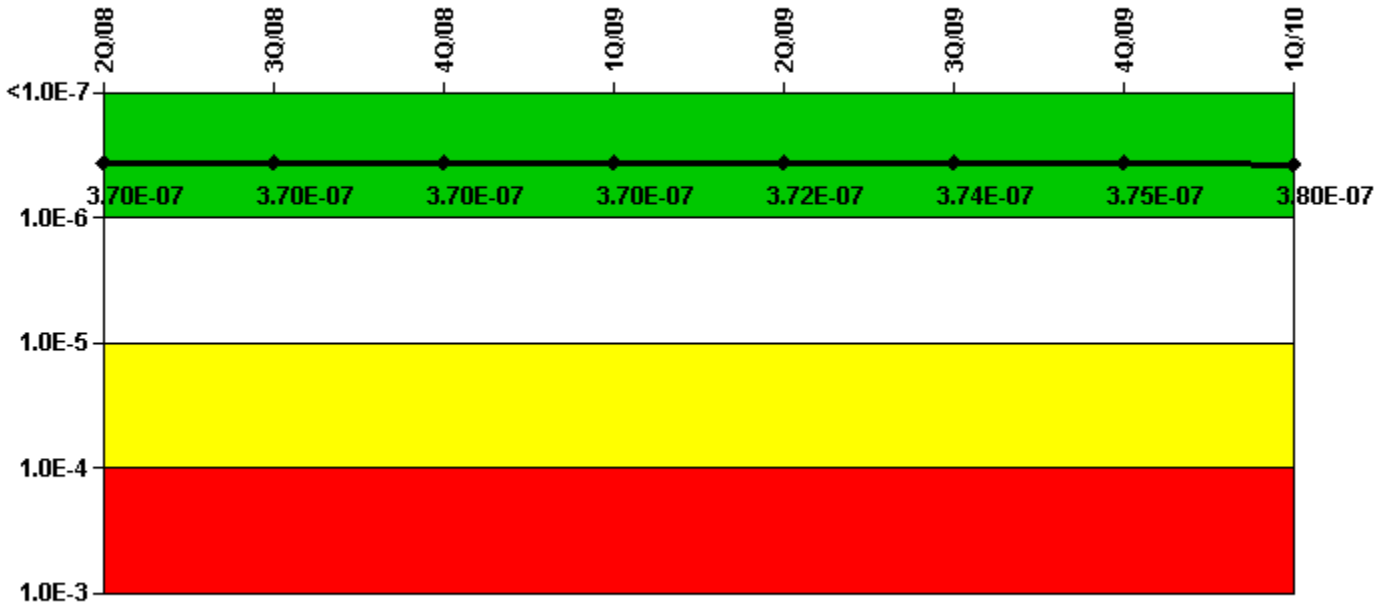
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	1.20E-12	1.20E-12	1.20E-12	6.20E-09	3.50E-10	3.50E-10	4.10E-10	4.10E-10
URI (Δ CDF)	-5.70E-08	-5.70E-08	-5.70E-08	-5.70E-08	-5.70E-08	-5.70E-08	-5.70E-08	-5.69E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.70E-08	-5.70E-08	-5.70E-08	-5.08E-08	-5.67E-08	-5.67E-08	-5.66E-08	-5.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



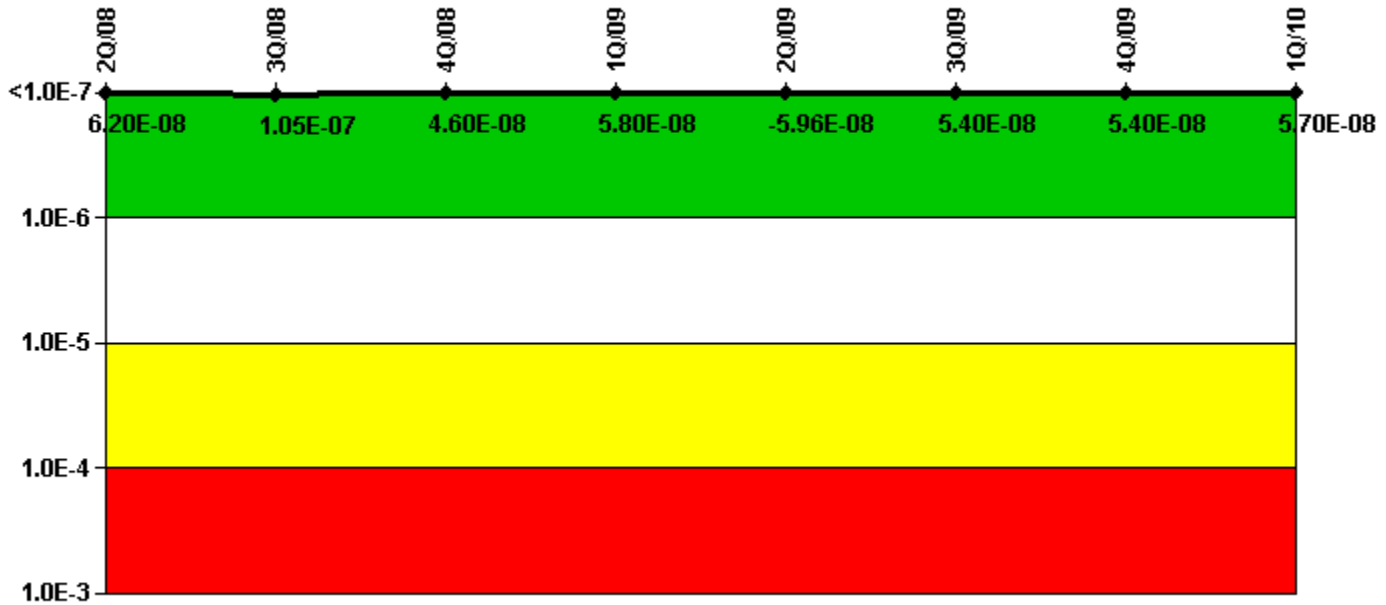
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	5.00E-08	5.00E-08	5.00E-08	5.00E-08	5.20E-08	5.40E-08	5.50E-08	5.48E-08
URI (Δ CDF)	3.20E-07	3.20E-07	3.20E-07	3.20E-07	3.20E-07	3.20E-07	3.20E-07	3.23E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.70E-07	3.70E-07	3.70E-07	3.70E-07	3.72E-07	3.74E-07	3.75E-07	3.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



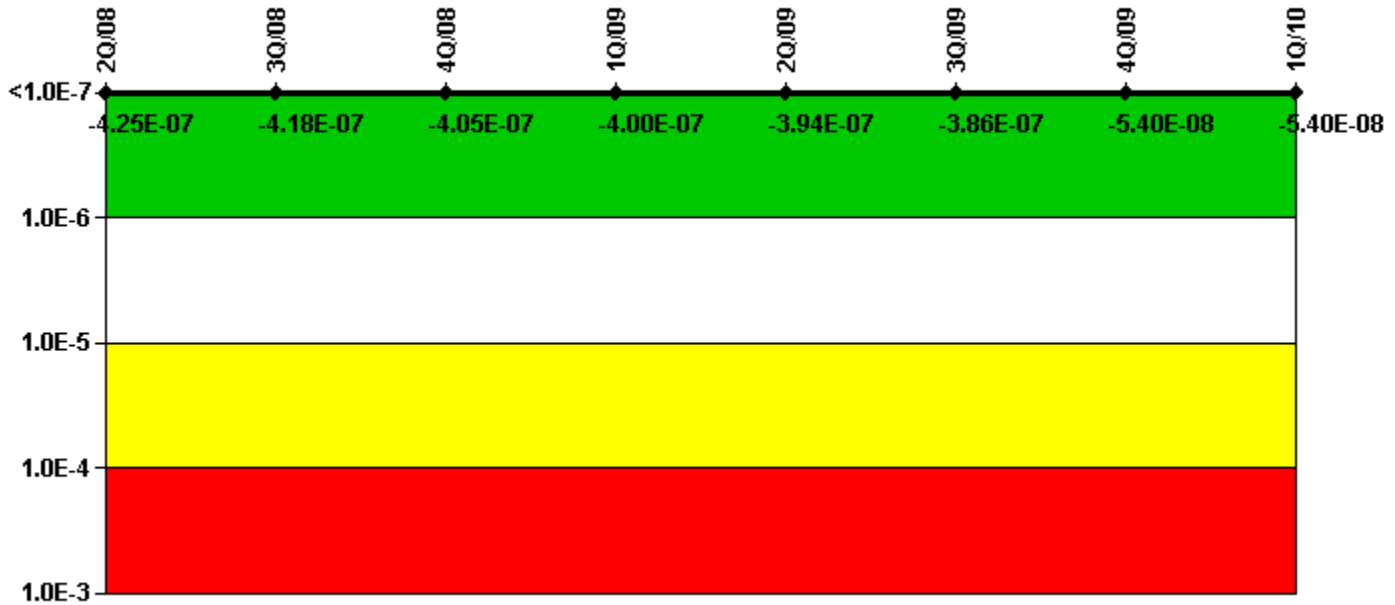
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-2.10E-08	2.20E-08	-3.70E-08	-2.50E-08	-3.60E-09	1.10E-07	1.10E-07	1.13E-07
URI (Δ CDF)	8.30E-08	8.30E-08	8.30E-08	8.30E-08	-5.60E-08	-5.60E-08	-5.60E-08	-5.62E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.20E-08	1.05E-07	4.60E-08	5.80E-08	-5.96E-08	5.40E-08	5.40E-08	5.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



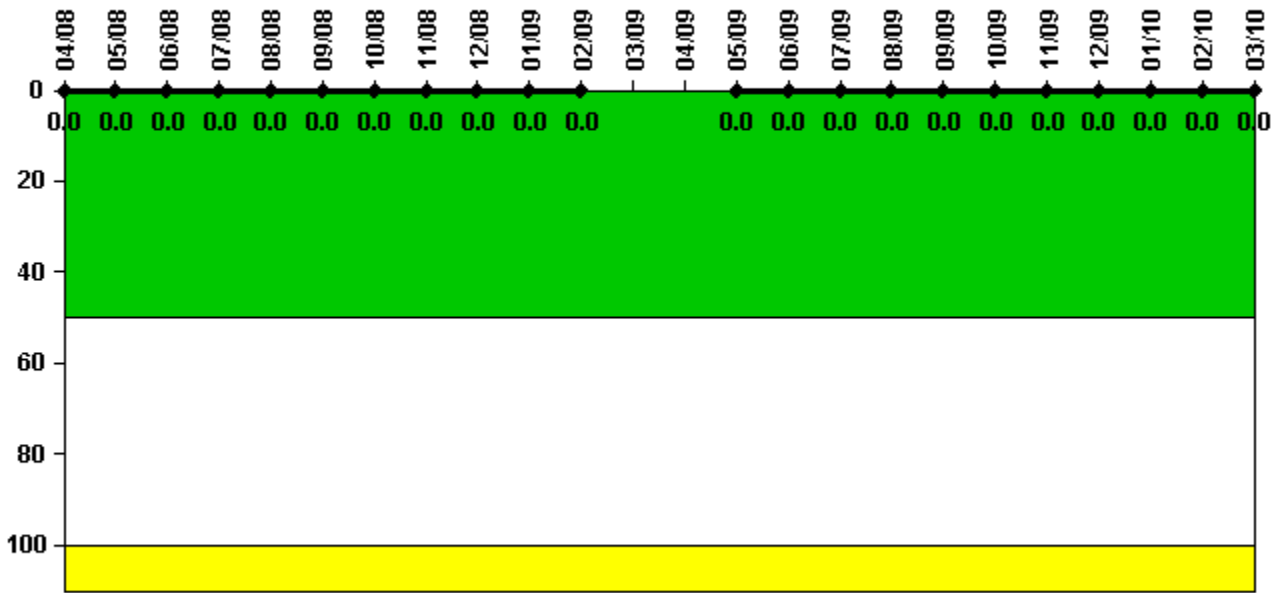
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-7.50E-08	-6.80E-08	-5.50E-08	-5.00E-08	-4.40E-08	-3.60E-08	-1.50E-08	-1.48E-08
URI (Δ CDF)	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.50E-07	-3.90E-08	-3.89E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.25E-07	-4.18E-07	-4.05E-07	-4.00E-07	-3.94E-07	-3.86E-07	-5.40E-08	-5.40E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

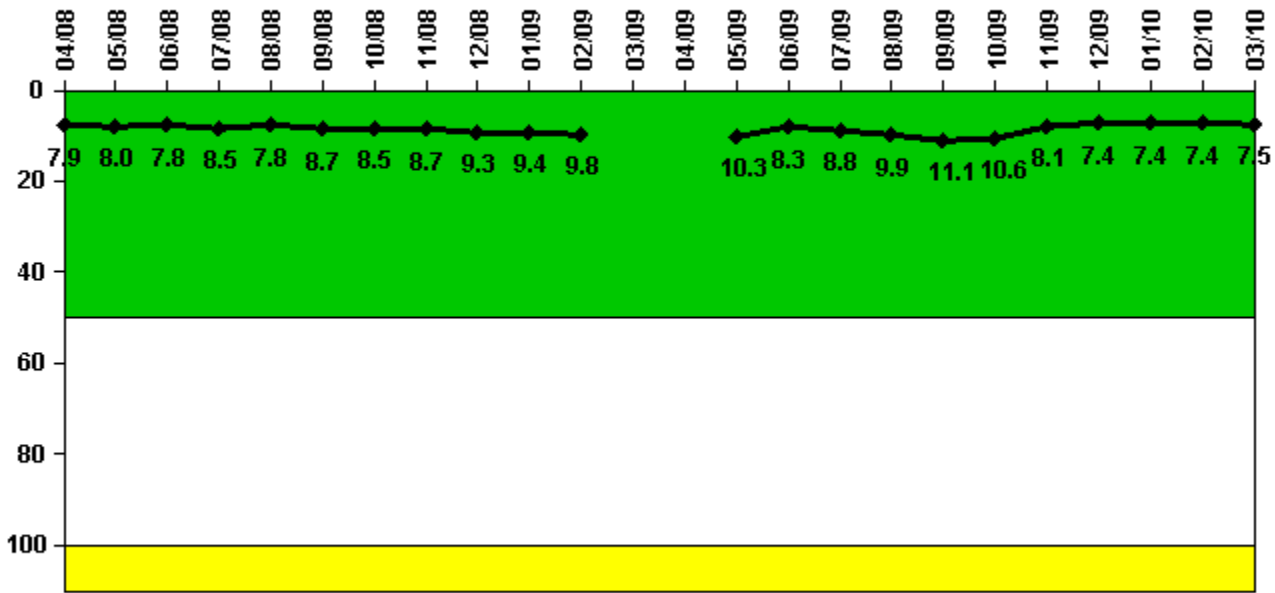
Notes

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	0.000024	0.000023	0.000023	0.000021	0.000022	0.000033	0.000030	0.000030	0.000023	0.000022	0.000022	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	0	0	0	0	0	0	0	0	0	0	0	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	0.000008	0.000012	0.000015	0.000013	0.000012	0.000012	0.000014	0.000019	0.000017	0.000018	0.000018
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	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



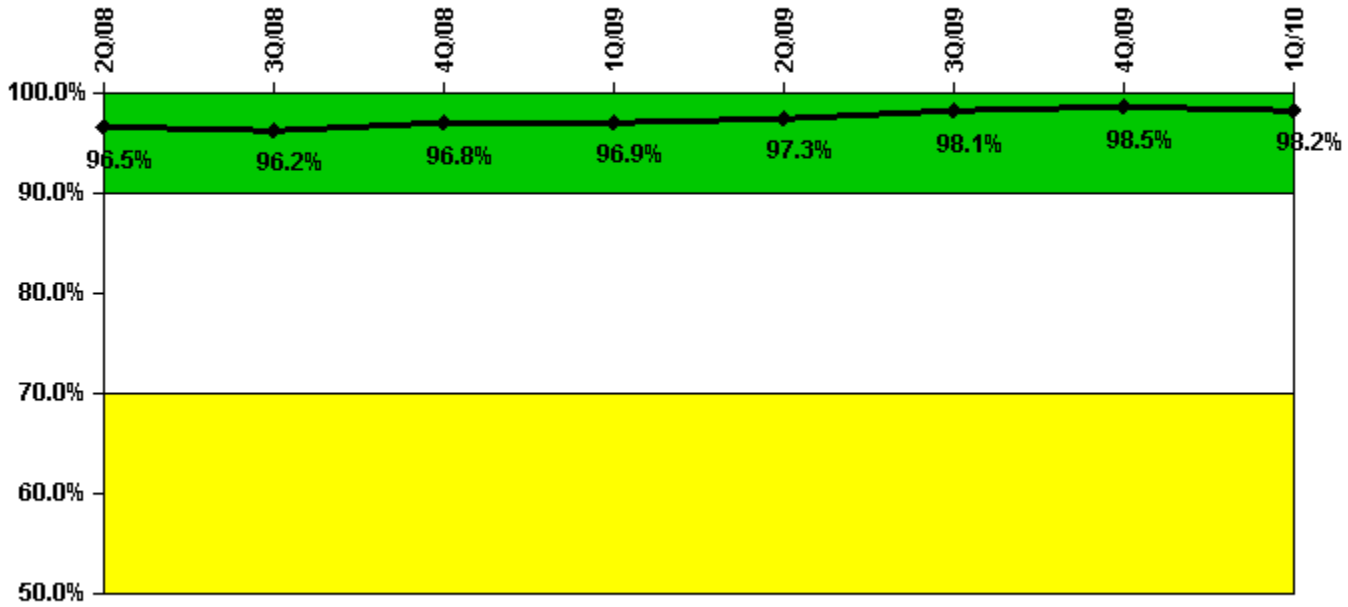
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	2.370	2.410	2.340	2.540	2.350	2.620	2.560	2.620	2.800	2.820	2.940	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	7.9	8.0	7.8	8.5	7.8	8.7	8.5	8.7	9.3	9.4	9.8	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	N/A	3.100	2.500	2.650	2.980	3.330	3.170	2.420	2.230	2.230	2.230	2.240
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	N/A	10.3	8.3	8.8	9.9	11.1	10.6	8.1	7.4	7.4	7.4	7.5

Licensee Comments: none

Drill/Exercise Performance



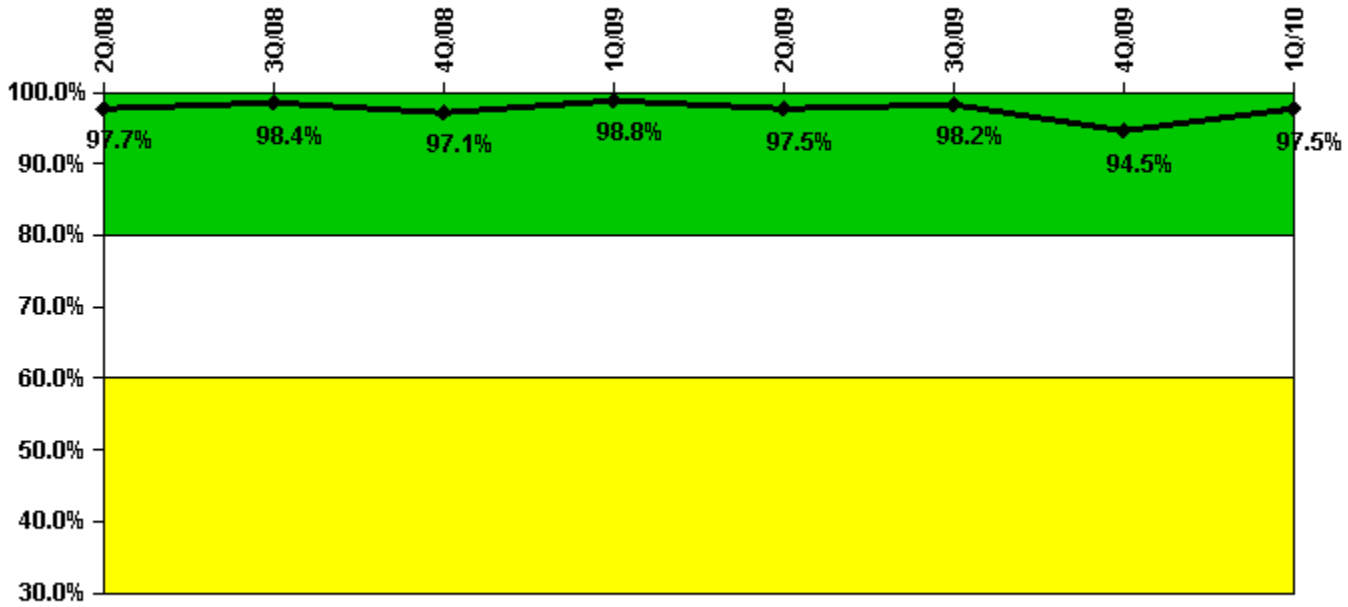
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	22.0	36.0	34.0	16.0	12.0	34.0	30.0	37.0
Total opportunities	22.0	39.0	34.0	16.0	12.0	34.0	30.0	38.0
Indicator value	96.5%	96.2%	96.8%	96.9%	97.3%	98.1%	98.5%	98.2%

Licensee Comments: none

ERO Drill Participation



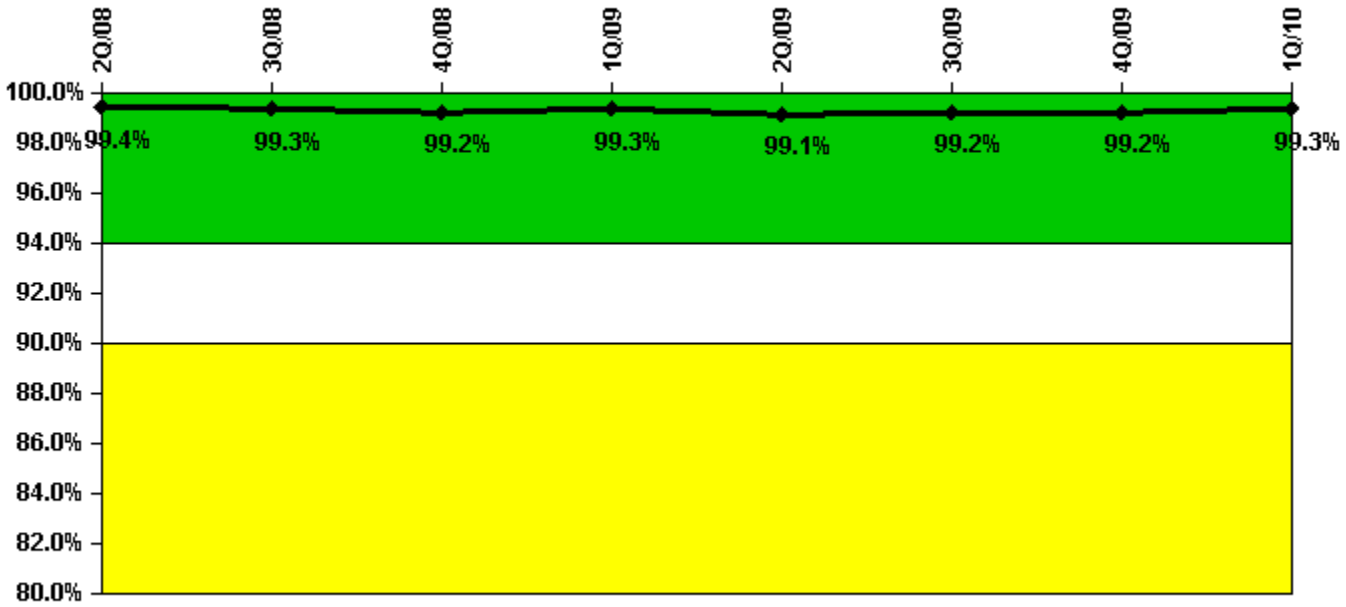
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	172.0	181.0	169.0	169.0	158.0	162.0	156.0	158.0
Total Key personnel	176.0	184.0	174.0	171.0	162.0	165.0	165.0	162.0
Indicator value	97.7%	98.4%	97.1%	98.8%	97.5%	98.2%	94.5%	97.5%

Licensee Comments: none

Alert & Notification System



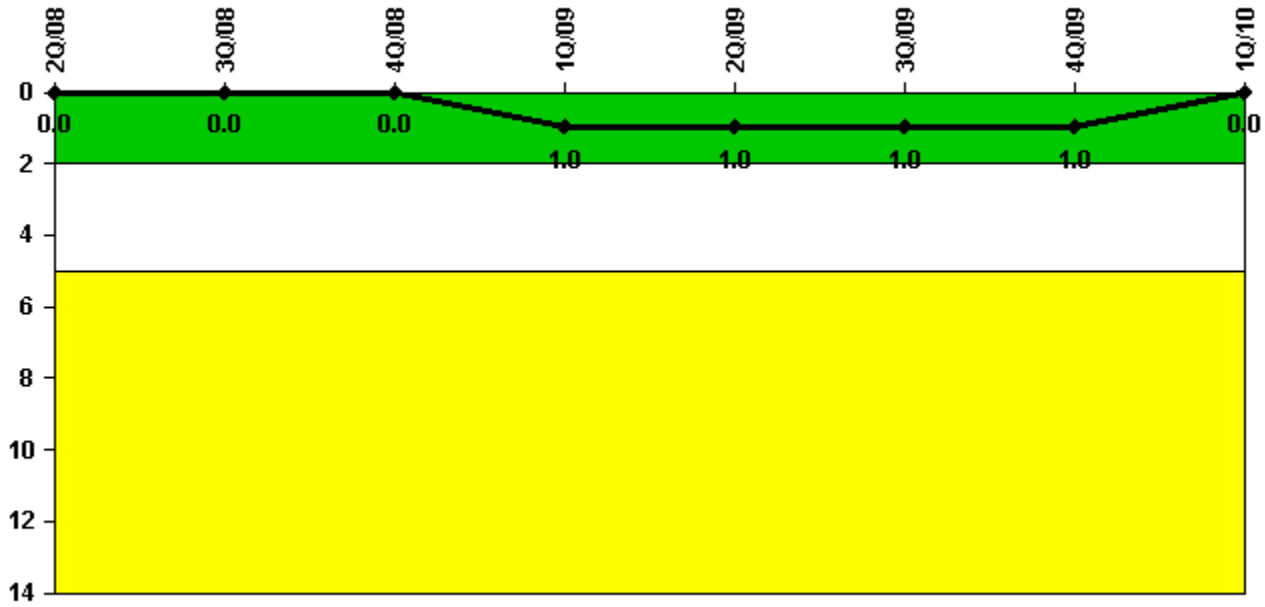
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	456	602	451	604	528	527	451	532
Total sirens-tests	456	608	456	608	532	532	456	532
Indicator value	99.4%	99.3%	99.2%	99.3%	99.1%	99.2%	99.2%	99.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



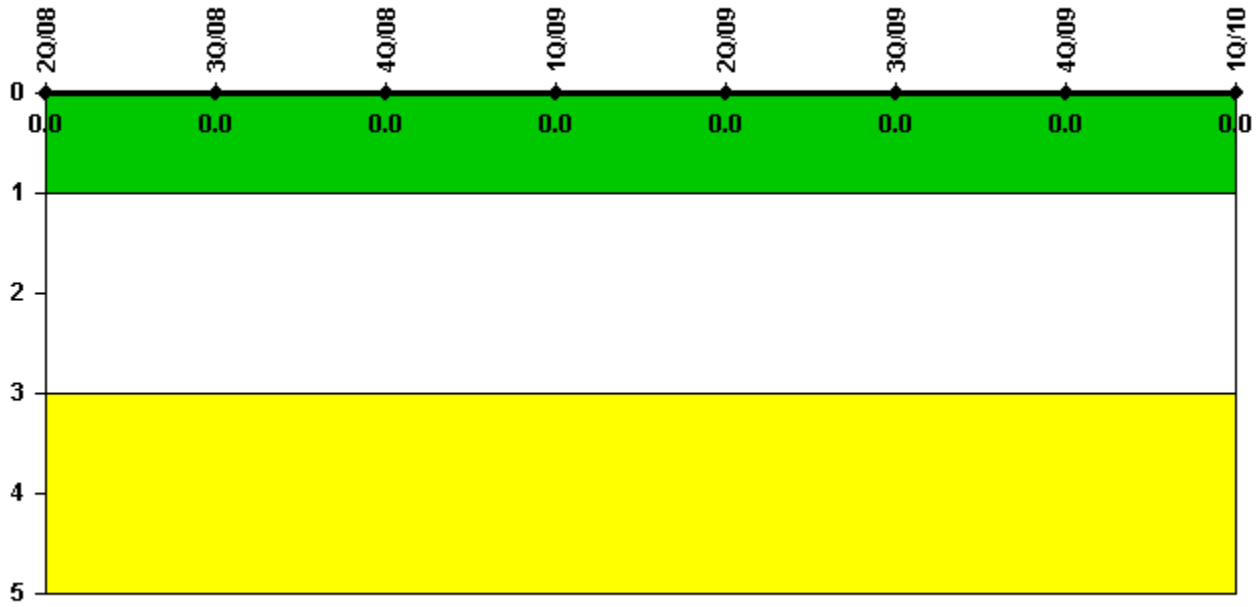
Thresholds: White > 2.0 Yellow > 5.0

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	1	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	1	1	1	1	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.