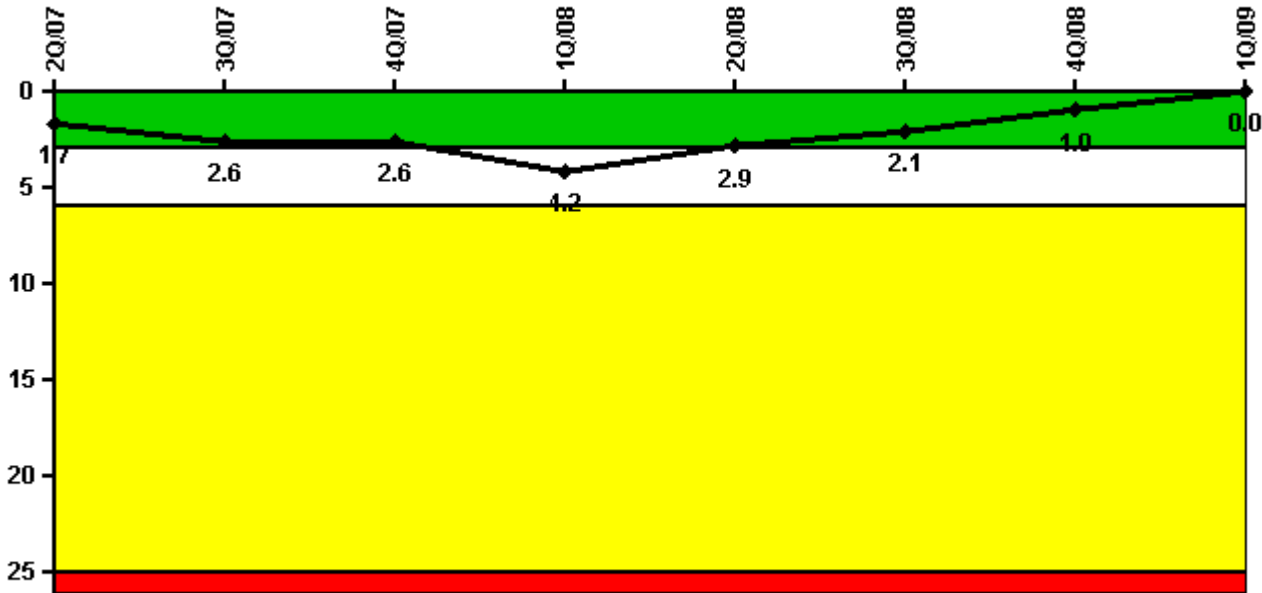


River Bend 1

1Q/2009 Performance Indicators

Licensee's General Comments: 4Q2008 - The number of siren tests run and successful tests have been revised to reflect changes due to internal review for successful siren tests 1Q2008 through 4Q2008. The changes do not result in a color change.

Unplanned Scrams per 7000 Critical Hrs



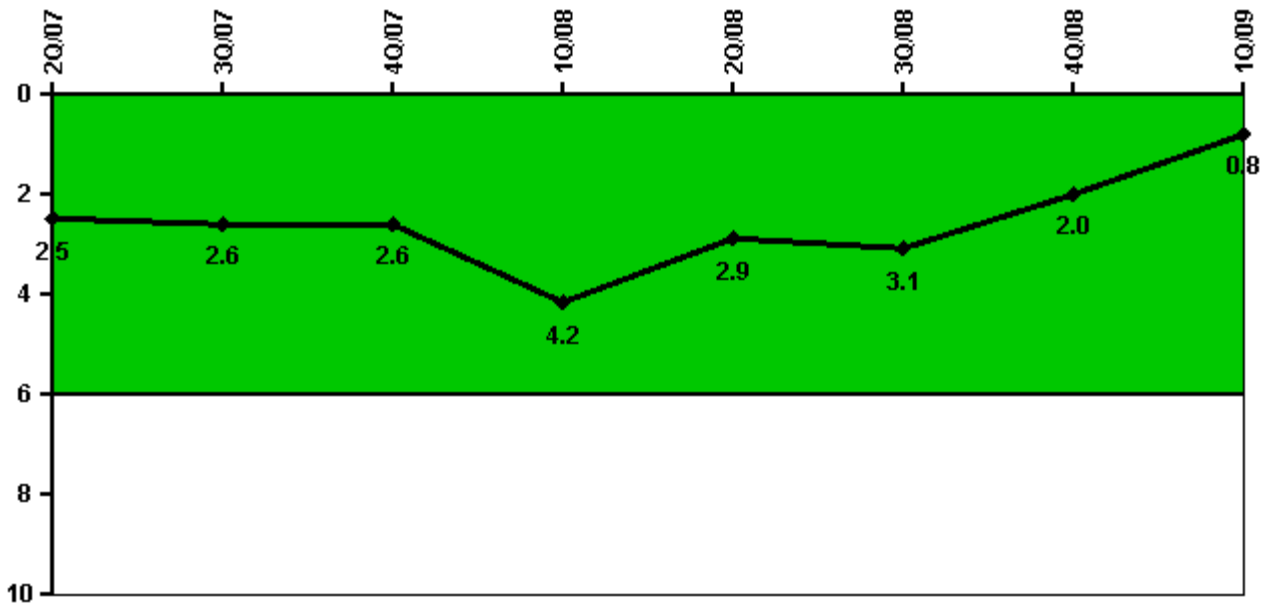
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned scrams	1.0	1.0	1.0	1.0	0	0	0	0
Critical hours	1731.7	2110.7	2058.0	789.6	2184.0	1731.4	2209.0	2159.0
Indicator value	1.7	2.6	2.6	4.2	2.9	2.1	1.0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



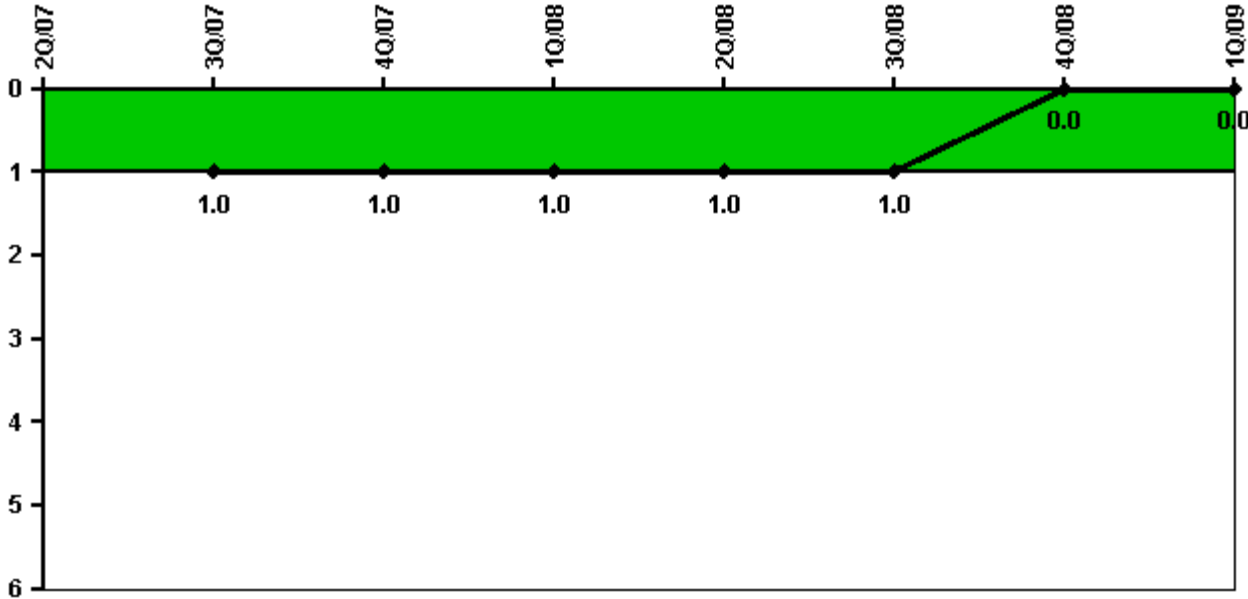
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	2.0	0	1.0	1.0	1.0	0	0	0
Critical hours	1731.7	2110.7	2058.0	789.6	2184.0	1731.4	2209.0	2159.0
Indicator value	2.5	2.6	2.6	4.2	2.9	3.1	2.0	0.8

Licensee Comments: none

Unplanned Scrams with Complications



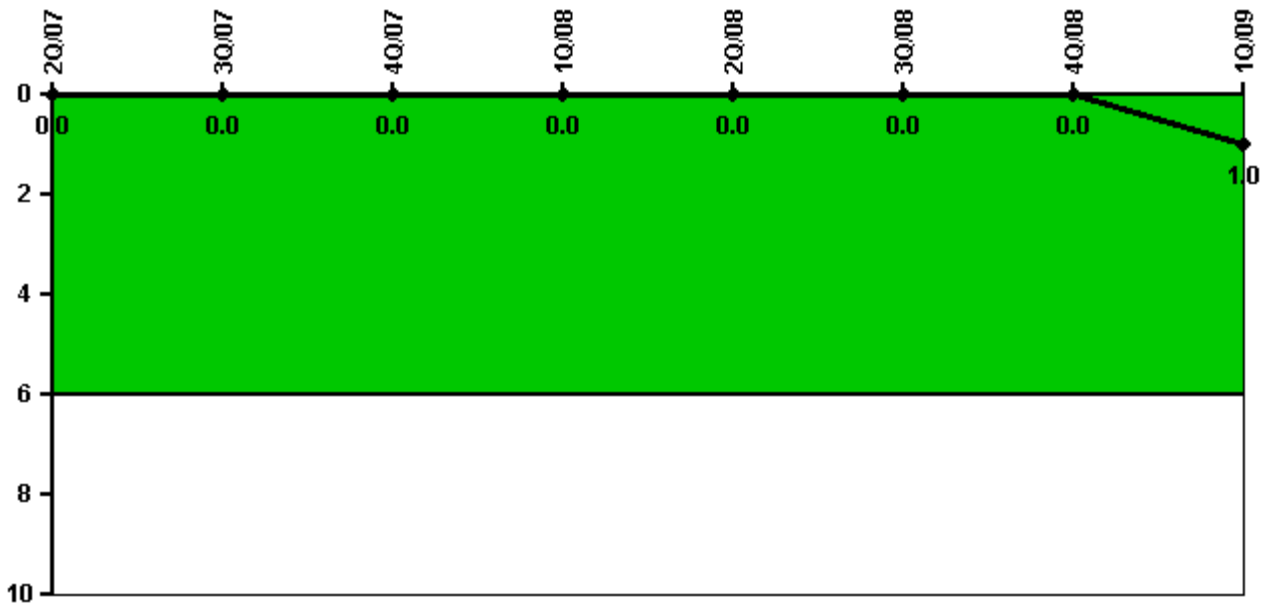
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Scrams with complications	0	0	1.0	0	0	0	0	0
Indicator value		1.0	1.0	1.0	1.0	1.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



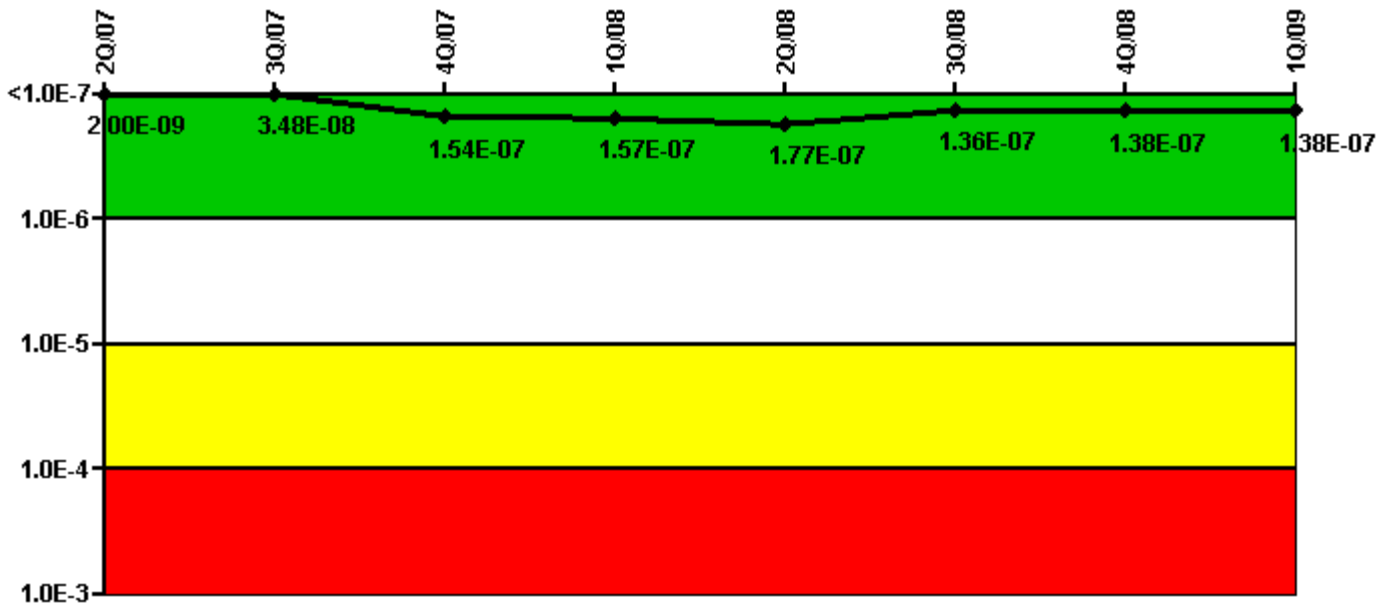
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



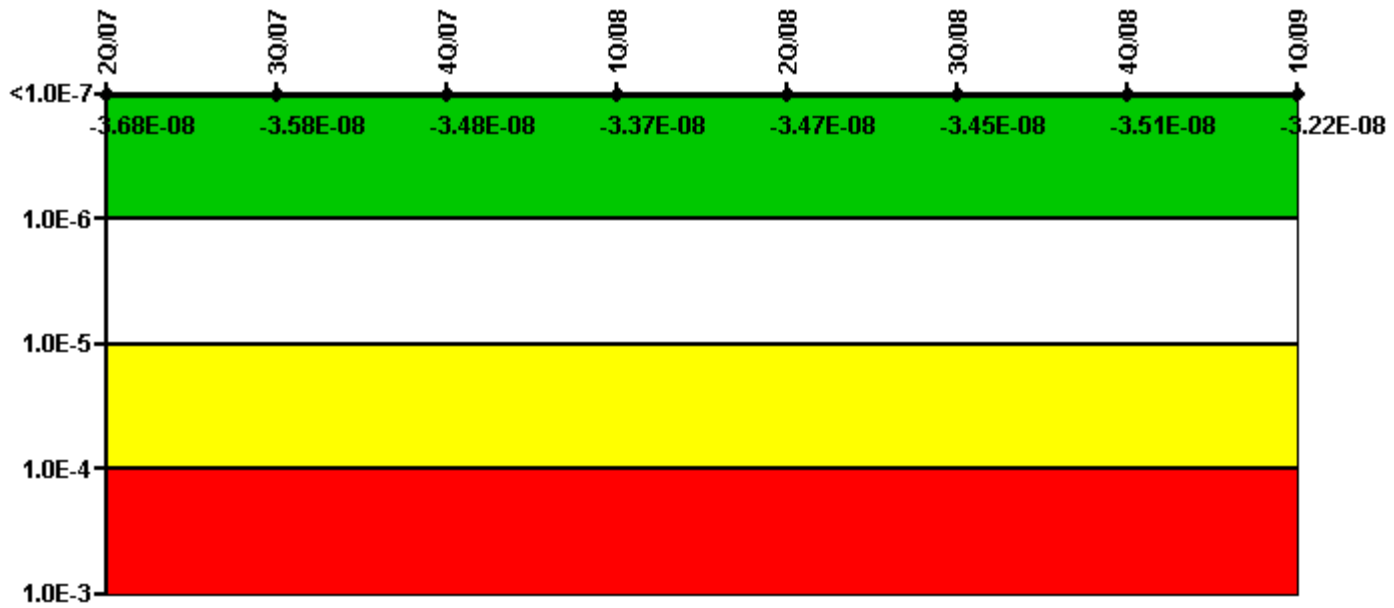
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	3.70E-09	4.80E-09	1.40E-08	1.70E-08	2.70E-08	2.60E-08	2.80E-08	2.80E-08
URI (ΔCDF)	-1.70E-09	3.00E-08	1.40E-07	1.40E-07	1.50E-07	1.10E-07	1.10E-07	1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-09	3.48E-08	1.54E-07	1.57E-07	1.77E-07	1.36E-07	1.38E-07	1.38E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



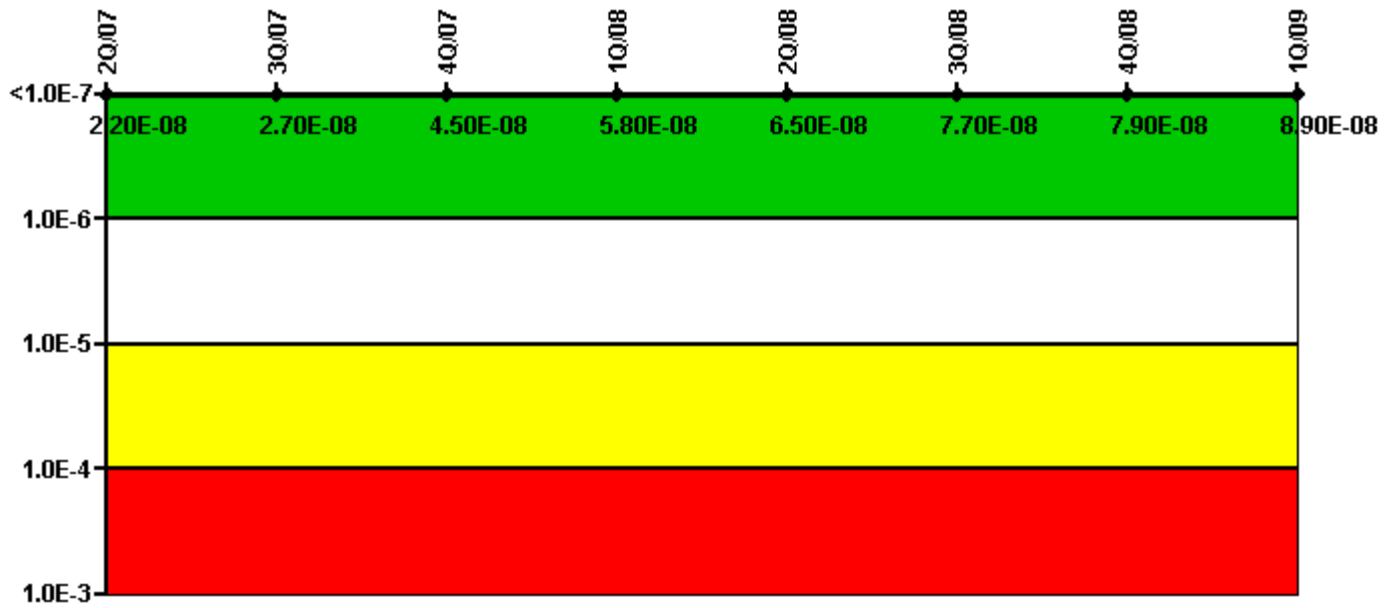
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	-1.80E-09	-1.80E-09	-1.80E-09	-1.70E-09	-1.70E-09	-2.50E-09	-3.10E-09	-1.20E-09
URI (ΔCDF)	-3.50E-08	-3.40E-08	-3.30E-08	-3.20E-08	-3.30E-08	-3.20E-08	-3.20E-08	-3.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.68E-08	-3.58E-08	-3.48E-08	-3.37E-08	-3.47E-08	-3.45E-08	-3.51E-08	-3.22E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



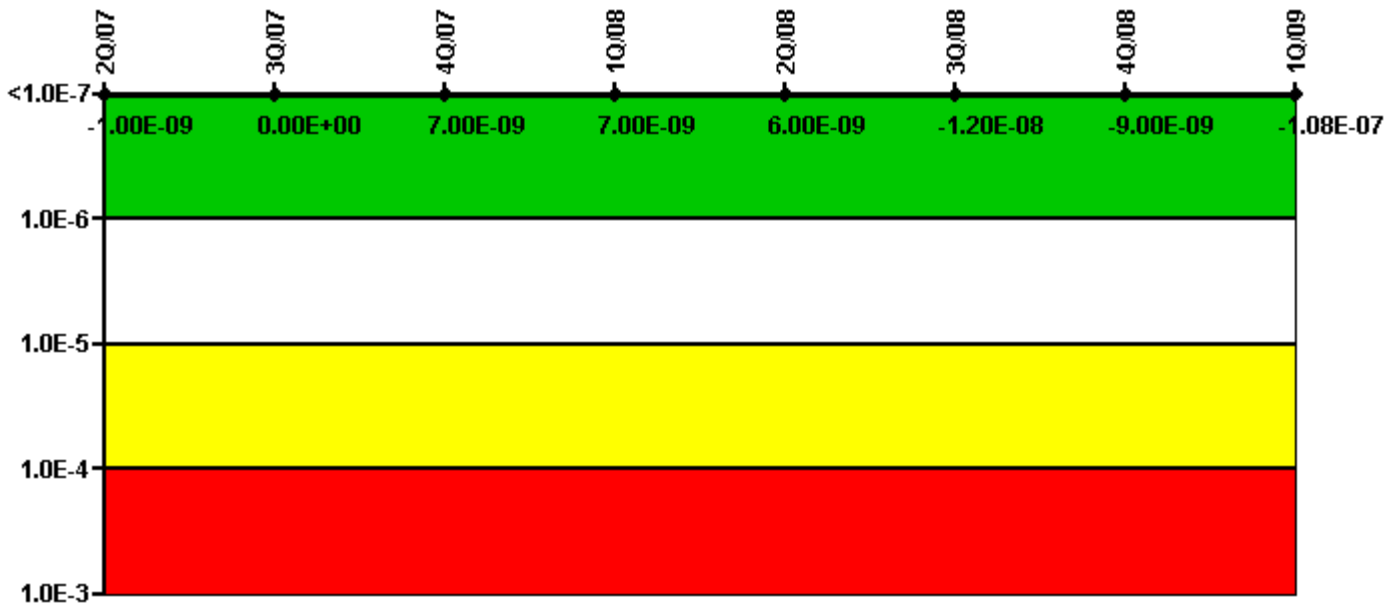
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	-5.00E-09	-1.20E-08	-1.60E-08	-1.40E-08	-1.60E-08	-1.90E-08	-2.10E-08	-2.10E-08
URI (Δ CDF)	2.70E-08	3.90E-08	6.10E-08	7.20E-08	8.10E-08	9.60E-08	1.00E-07	1.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.20E-08	2.70E-08	4.50E-08	5.80E-08	6.50E-08	7.70E-08	7.90E-08	8.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



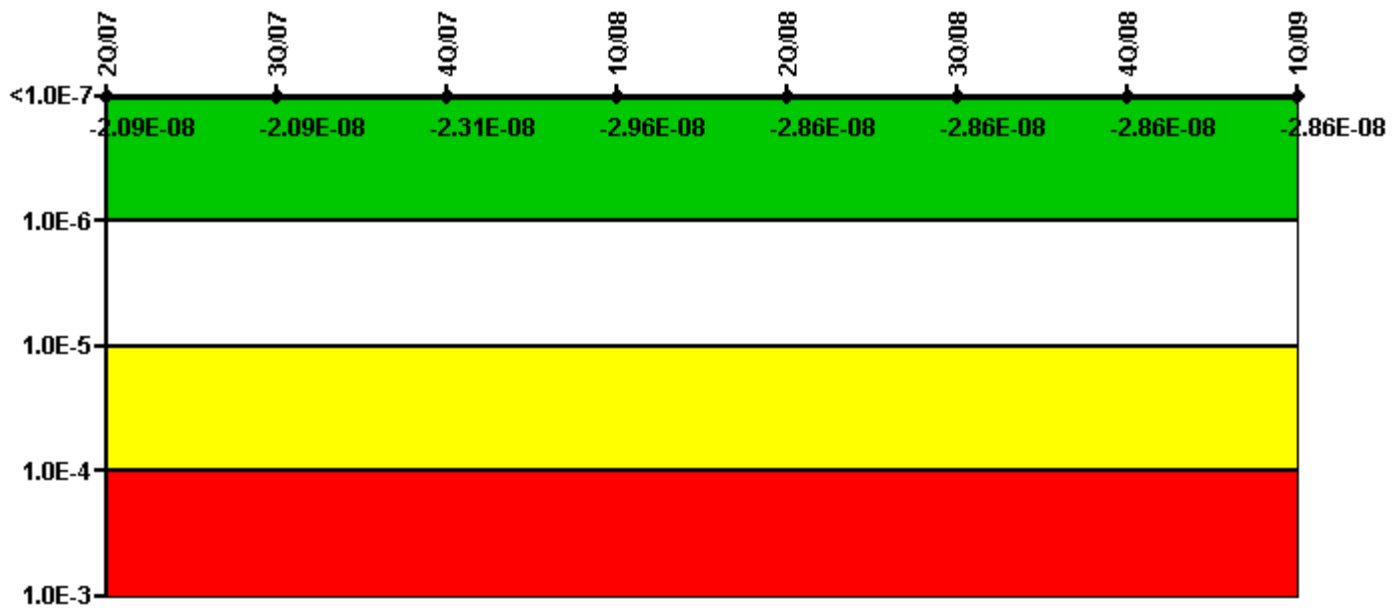
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	1.70E-08	1.80E-08	3.00E-08	3.40E-08	3.40E-08	1.60E-08	1.90E-08	-8.20E-09
URI (Δ CDF)	-1.80E-08	-1.80E-08	-2.30E-08	-2.70E-08	-2.80E-08	-2.80E-08	-2.80E-08	-1.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.00E-09	0.00E+00	7.00E-09	7.00E-09	6.00E-09	-1.20E-08	-9.00E-09	-1.08E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



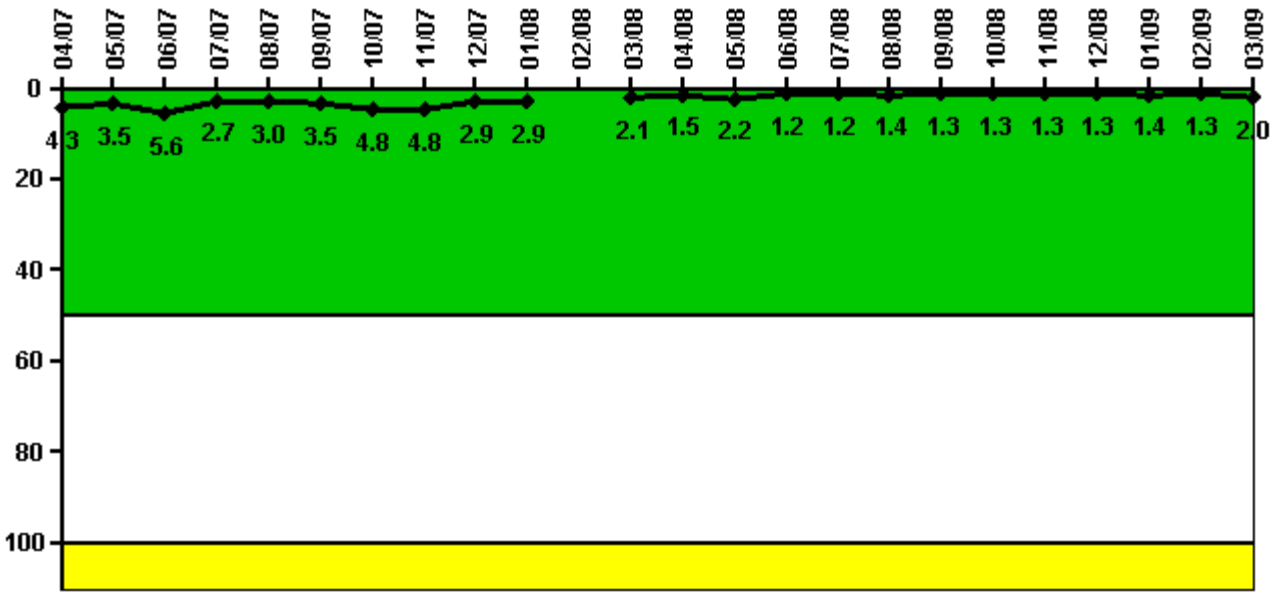
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	4.10E-09	4.10E-09	3.90E-09	-2.60E-09	-2.60E-09	-2.60E-09	-2.60E-09	-2.60E-09
URI (Δ CDF)	-2.50E-08	-2.50E-08	-2.70E-08	-2.70E-08	-2.60E-08	-2.60E-08	-2.60E-08	-2.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.09E-08	-2.09E-08	-2.31E-08	-2.96E-08	-2.86E-08	-2.86E-08	-2.86E-08	-2.86E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

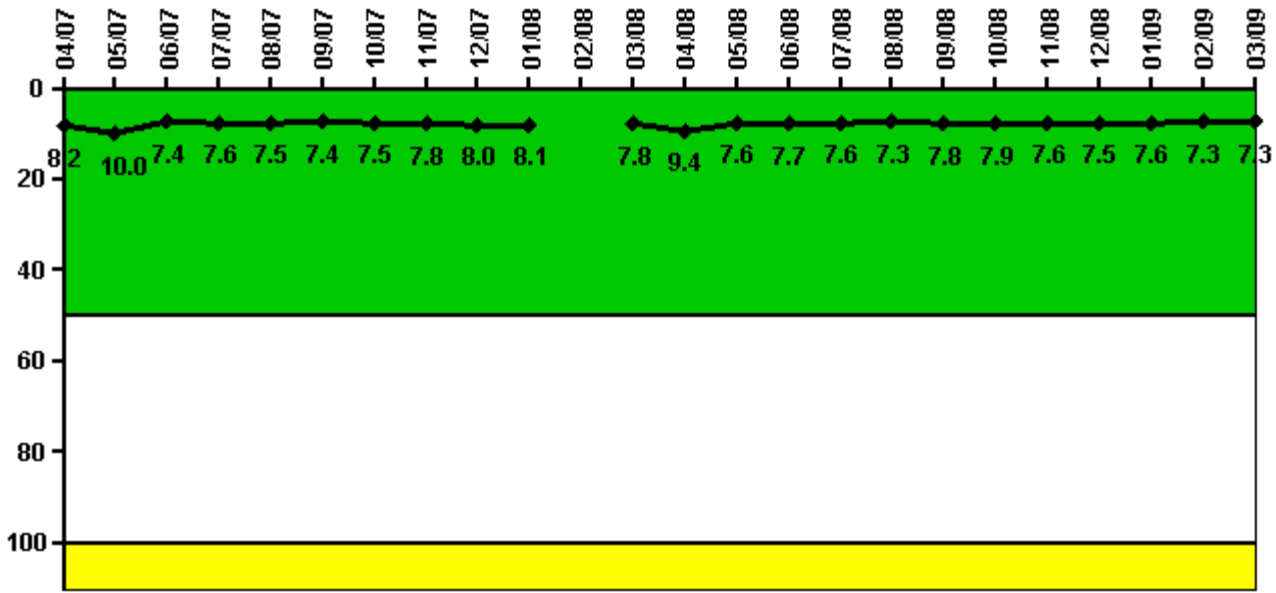
Notes

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.008600	0.006970	0.011200	0.005340	0.006020	0.007080	0.009530	0.009650	0.005790	0.005800	N/A	0.004140
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	4.3	3.5	5.6	2.7	3.0	3.5	4.8	4.8	2.9	2.9	N/A	2.1

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	0.002949	0.004318	0.002413	0.002340	0.002839	0.002514	0.002560	0.002669	0.002590	0.002710	0.002530	0.003920
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	1.5	2.2	1.2	1.2	1.4	1.3	1.3	1.3	1.3	1.4	1.3	2.0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

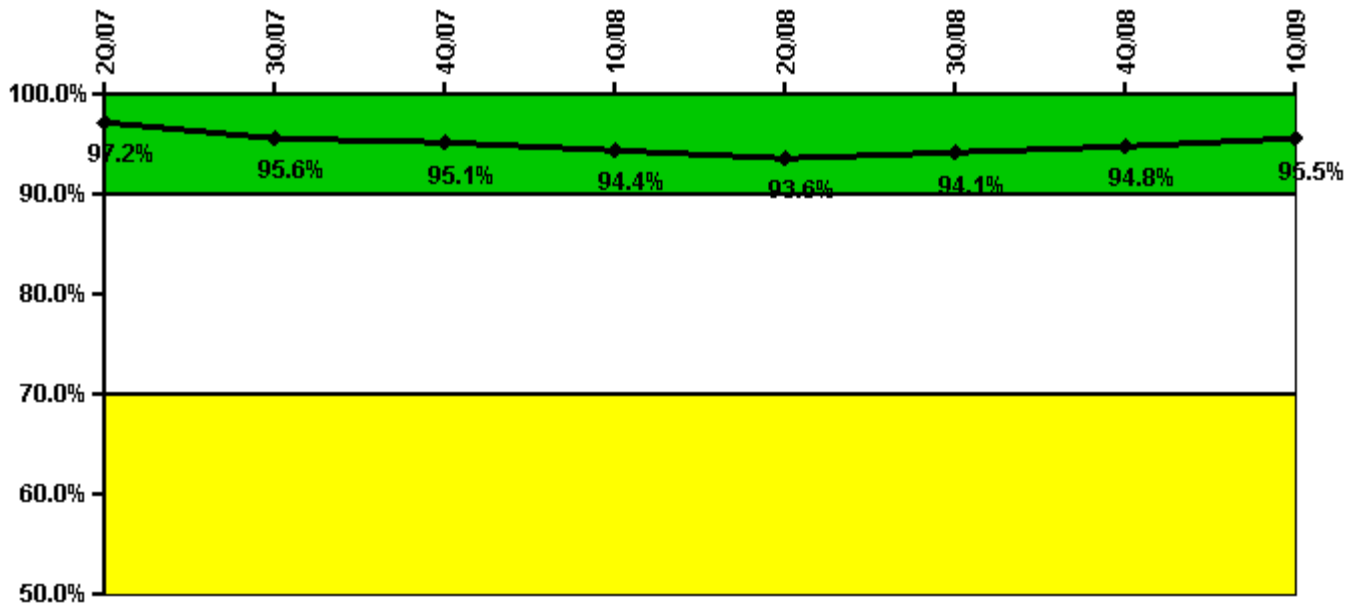
Notes

Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	2.460	2.990	2.220	2.290	2.250	2.230	2.260	2.340	2.400	2.440	N/A	2.330
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	8.2	10.0	7.4	7.6	7.5	7.4	7.5	7.8	8.0	8.1	N/A	7.8

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	2.810	2.270	2.300	2.280	2.190	2.330	2.370	2.270	2.250	2.290	2.180	2.200
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	9.4	7.6	7.7	7.6	7.3	7.8	7.9	7.6	7.5	7.6	7.3	7.3

Licensee Comments: none

Drill/Exercise Performance



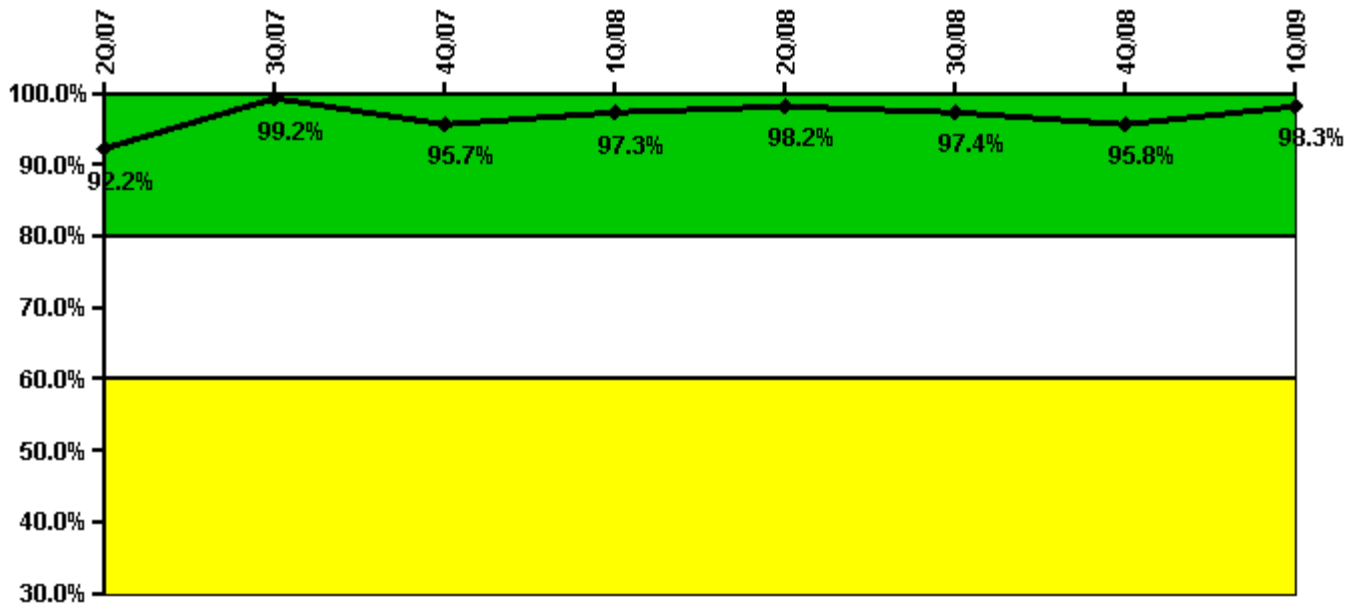
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	47.0	21.0	0	18.0	32.0	38.0	30.0	28.0
Total opportunities	49.0	23.0	0	21.0	35.0	38.0	30.0	28.0
Indicator value	97.2%	95.6%	95.1%	94.4%	93.6%	94.1%	94.8%	95.5%

Licensee Comments: none

ERO Drill Participation



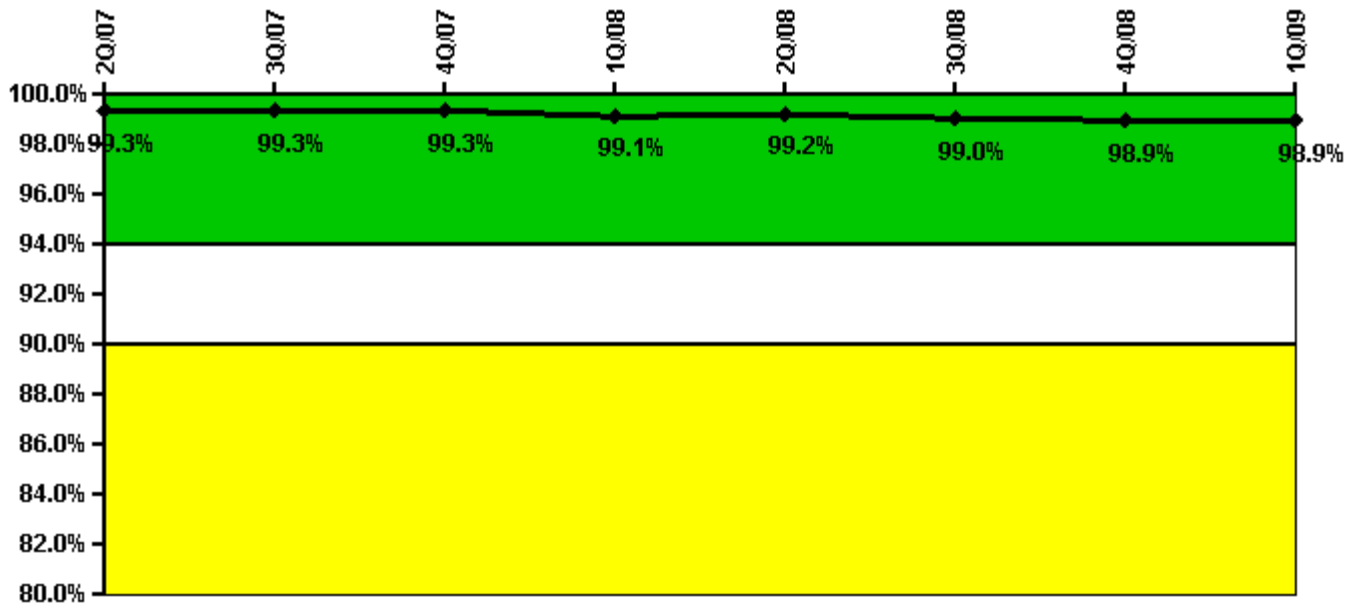
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	119.0	125.0	111.0	109.0	111.0	111.0	114.0	117.0
Total Key personnel	129.0	126.0	116.0	112.0	113.0	114.0	119.0	119.0
Indicator value	92.2%	99.2%	95.7%	97.3%	98.2%	97.4%	95.8%	98.3%

Licensee Comments: none

Alert & Notification System



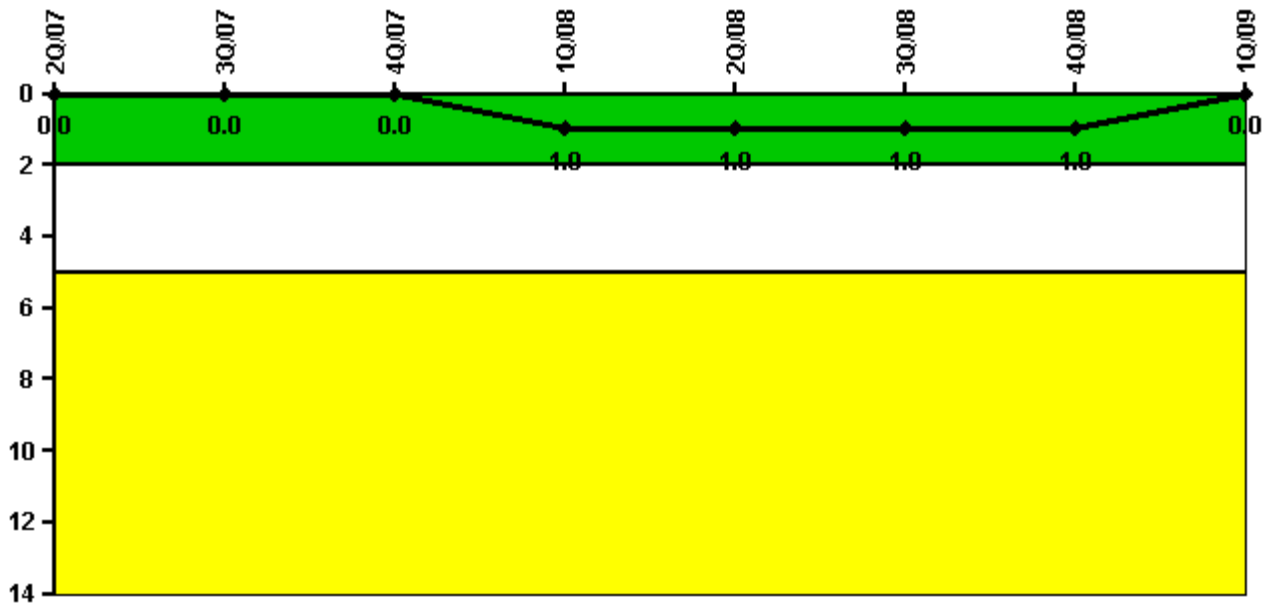
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful siren-tests	1103	1201	1020	1193	1200	1099	1017	1099
Total sirens-tests	1116	1209	1023	1209	1209	1116	1023	1116
Indicator value	99.3%	99.3%	99.3%	99.1%	99.2%	99.0%	98.9%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



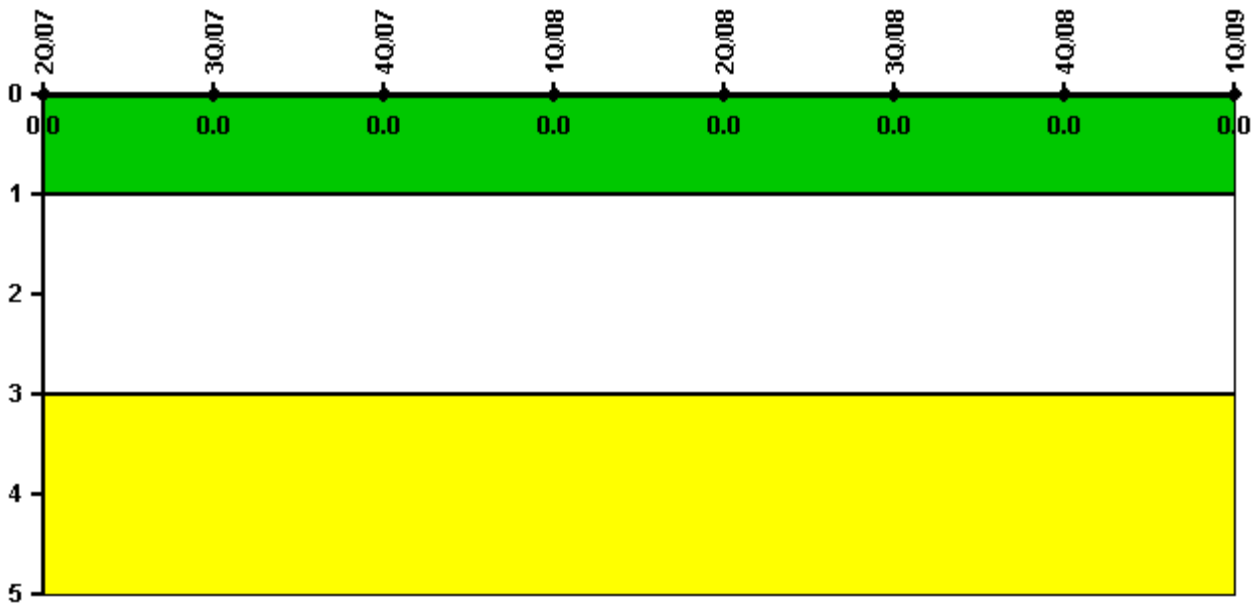
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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.