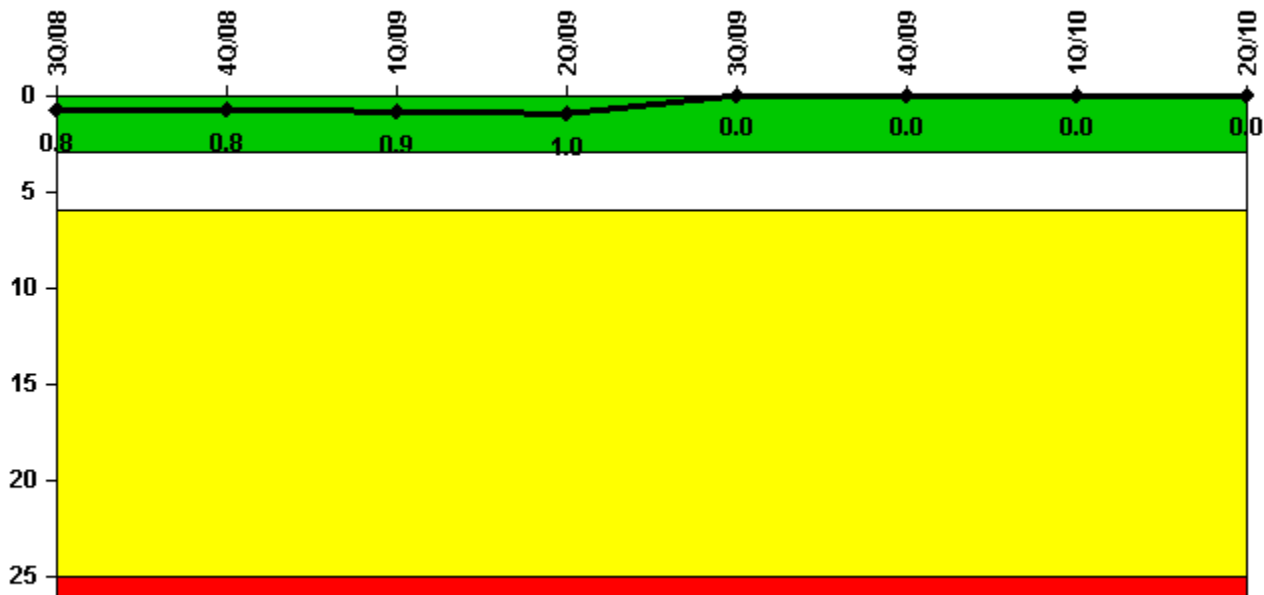


Monticello

2Q/2010 Performance Indicators

Licensee's General Comments: MS09 Nov 2009 and Mar 2010 unplanned unavailable hours revised to zero. Upon further review the function of SPC was always available. No color change.

Unplanned Scrams per 7000 Critical Hrs



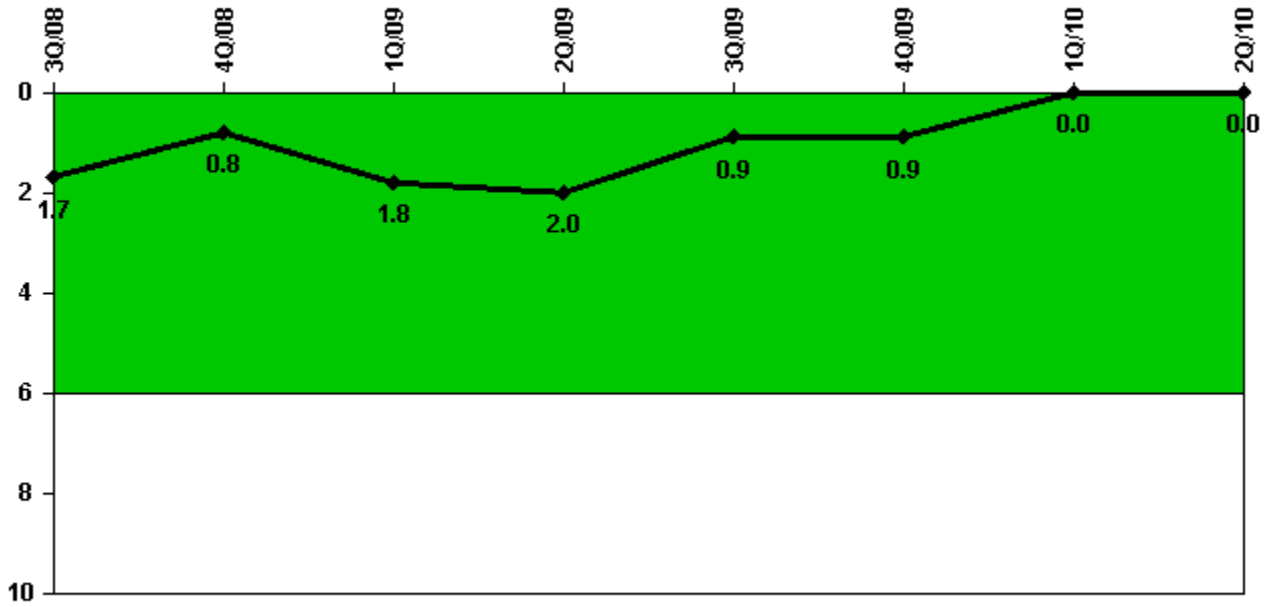
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	1843.3	2209.0	1731.1	1318.3	2208.0	2209.0	2159.0	2184.0
Indicator value	0.8	0.8	0.9	1.0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



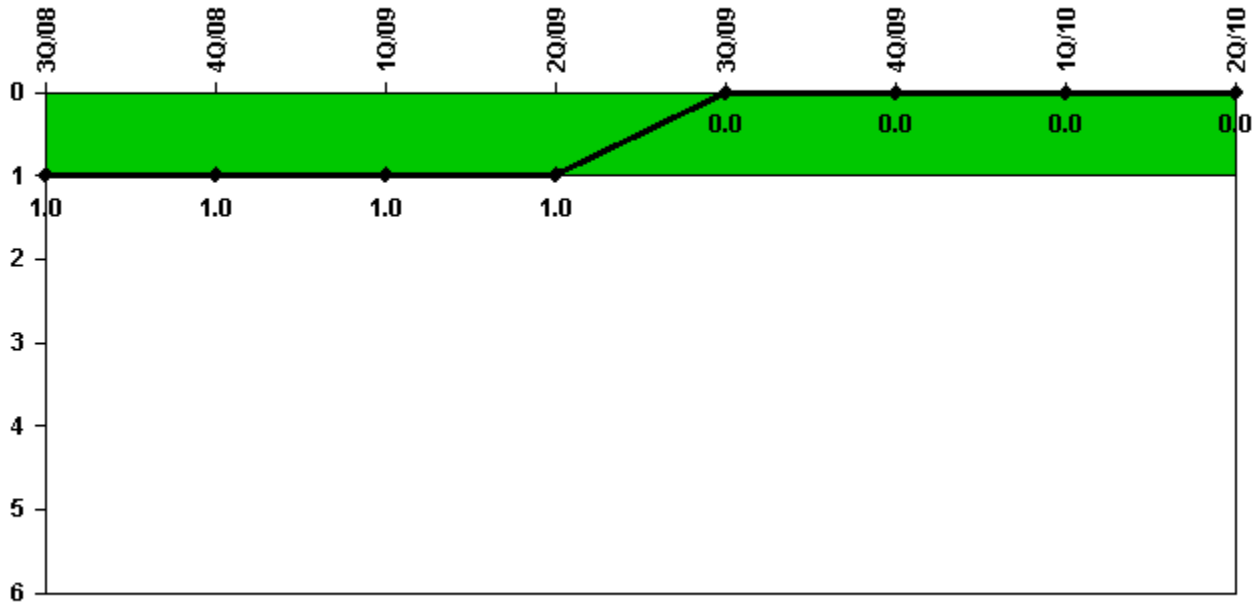
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	1.0	0	1.0	0	0	0	0	0
Critical hours	1843.3	2209.0	1731.1	1318.3	2208.0	2209.0	2159.0	2184.0
Indicator value	1.7	0.8	1.8	2.0	0.9	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



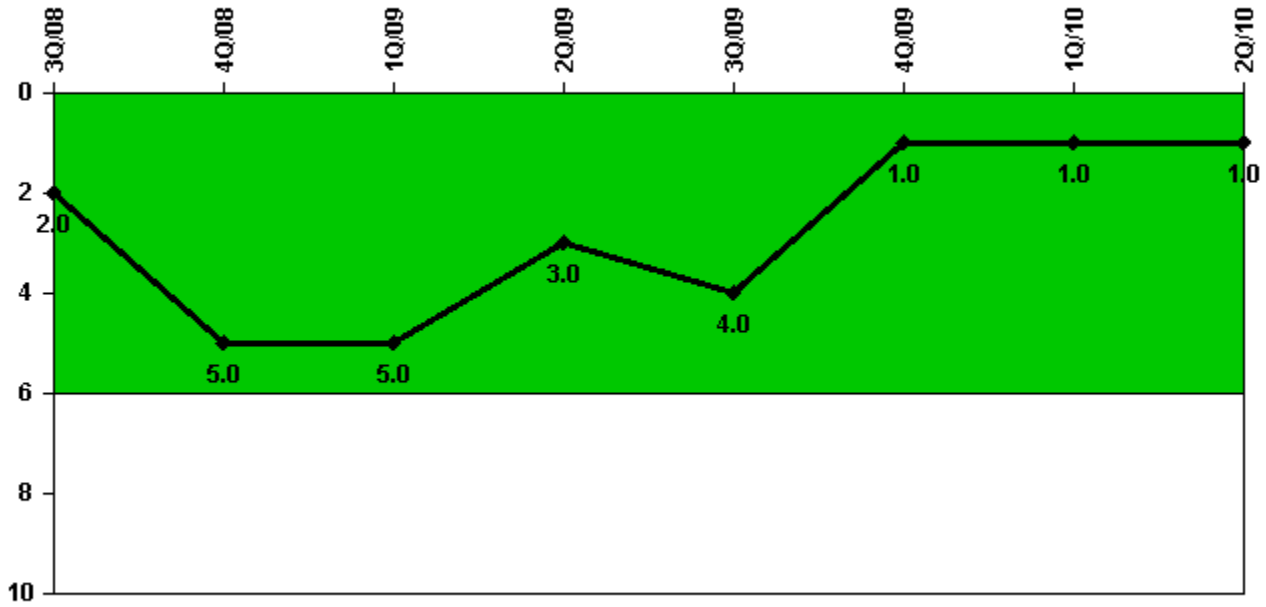
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Scrams with complications	1.0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



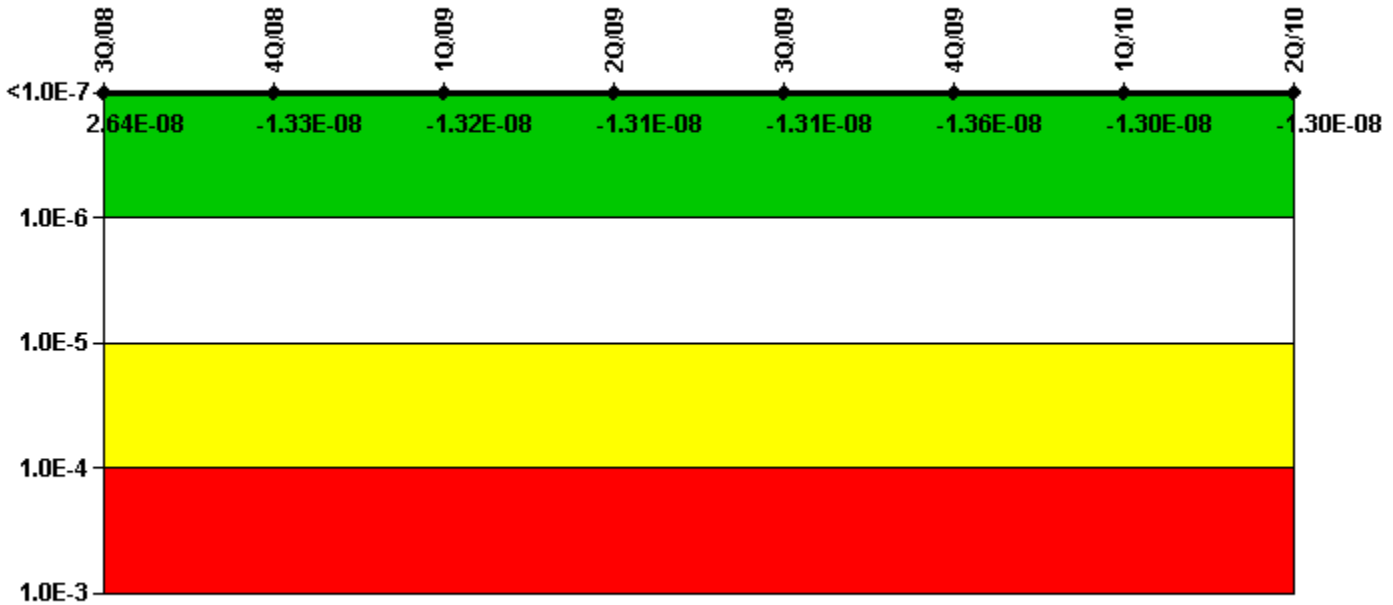
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Safety System Functional Failures	0	3	0	0	1	0	0	0
Indicator value	2	5	5	3	4	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



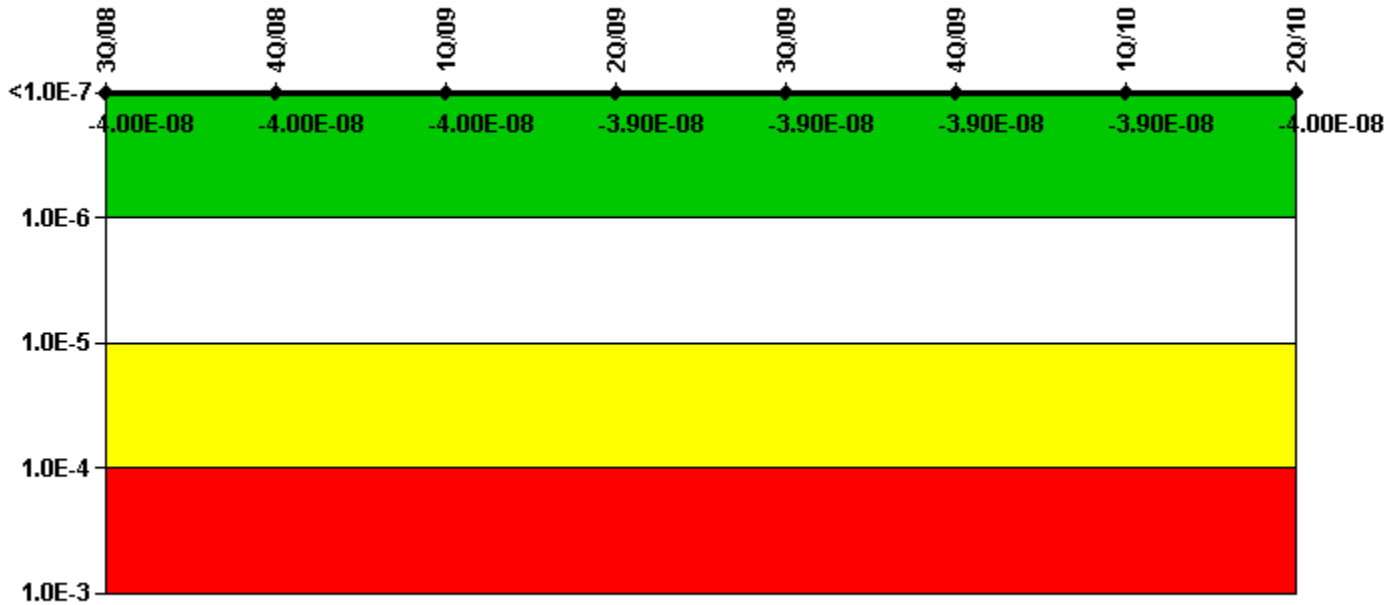
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-6.30E-10	-1.30E-09	-1.20E-09	-1.10E-09	-1.10E-09	-1.60E-09	-1.58E-09	-1.58E-09
URI (Δ CDF)	2.70E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.17E-08	-1.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.64E-08	-1.33E-08	-1.32E-08	-1.31E-08	-1.31E-08	-1.36E-08	-1.30E-08	-1.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



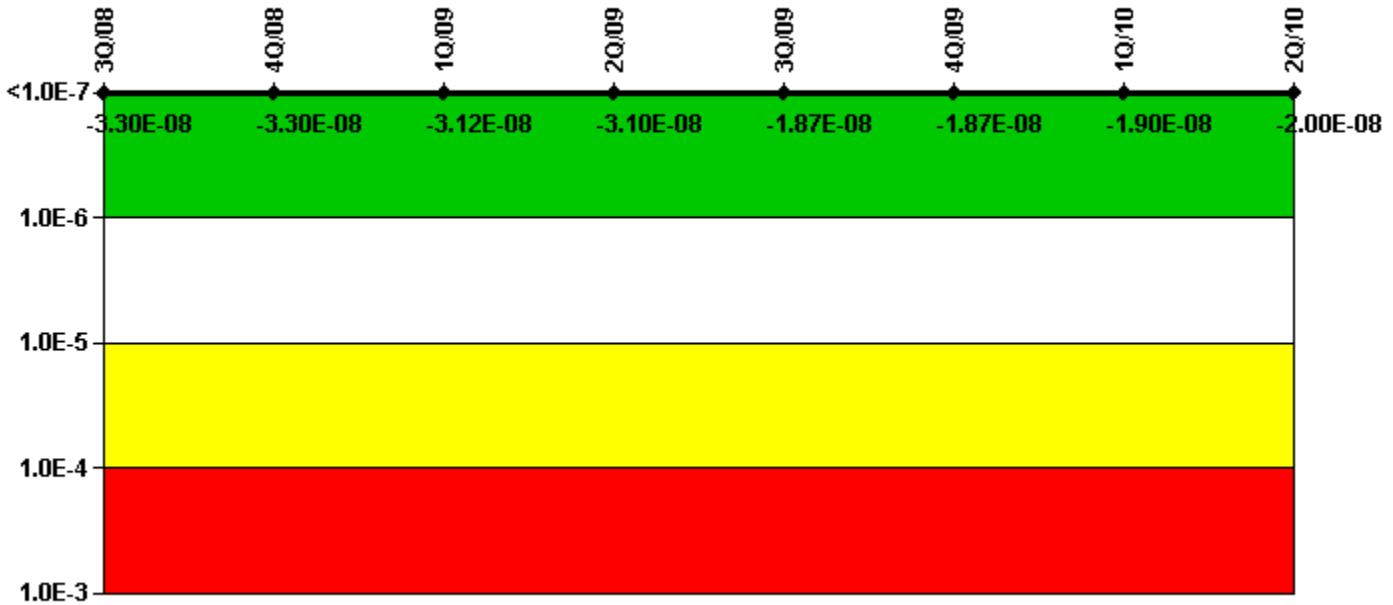
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-1.20E-08	-1.20E-08	-1.20E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.16E-08	-1.18E-08
URI (Δ CDF)	-2.80E-08	-2.80E-08	-2.80E-08	-2.80E-08	-2.80E-08	-2.80E-08	-2.78E-08	-2.78E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-08	-4.00E-08	-4.00E-08	-3.90E-08	-3.90E-08	-3.90E-08	-3.90E-08	-4.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



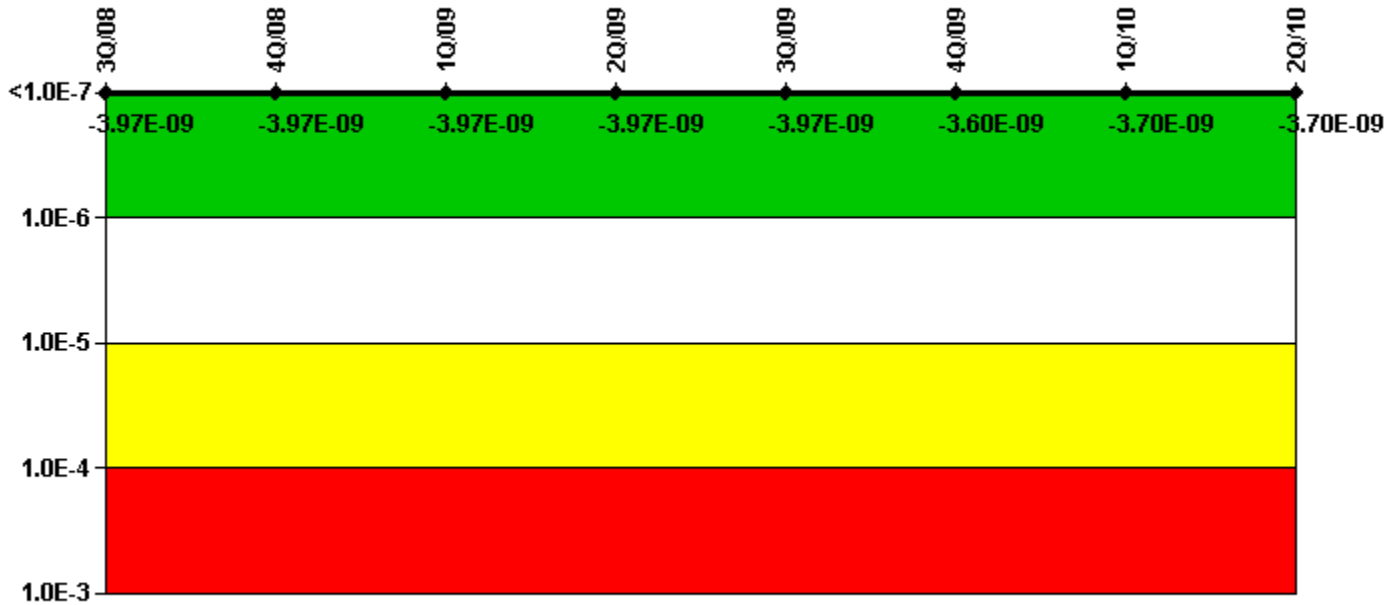
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-1.10E-08	-1.10E-08	-9.20E-09	-9.00E-09	3.30E-09	3.30E-09	2.76E-09	2.34E-09
URI (Δ CDF)	-2.20E-08	-2.20E-08	-2.20E-08	-2.20E-08	-2.20E-08	-2.20E-08	-2.20E-08	-2.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.30E-08	-3.30E-08	-3.12E-08	-3.10E-08	-1.87E-08	-1.87E-08	-1.90E-08	-2.00E-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

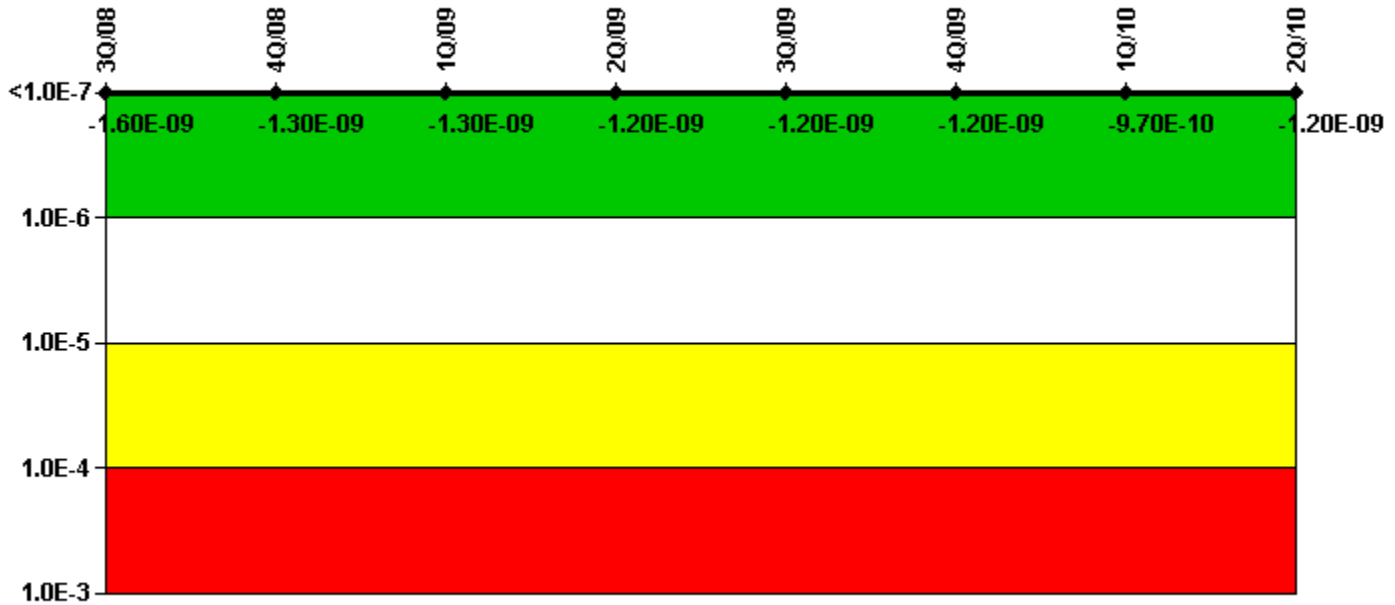
Mitigating Systems Performance Index, Residual Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-3.70E-10	-3.70E-10	-3.70E-10	-3.70E-10	-3.70E-10	1.85E-11	-1.25E-11	-7.67E-11
URI (Δ CDF)	-3.60E-09	-3.60E-09	-3.60E-09	-3.60E-09	-3.60E-09	-3.65E-09	-3.65E-09	-3.65E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.97E-09	-3.97E-09	-3.97E-09	-3.97E-09	-3.97E-09	-3.60E-09	-3.70E-09	-3.70E-09

Licensee Comments:

1Q/10: Mar unplanned hours revised to zero. Upon further review the function of SPC was always available. No color change.

4Q/09: Nov 2009 Unplanned hours revised to zero. Upon further review the function of SPC was always available. No color change.

Mitigating Systems Performance Index, Cooling Water Systems



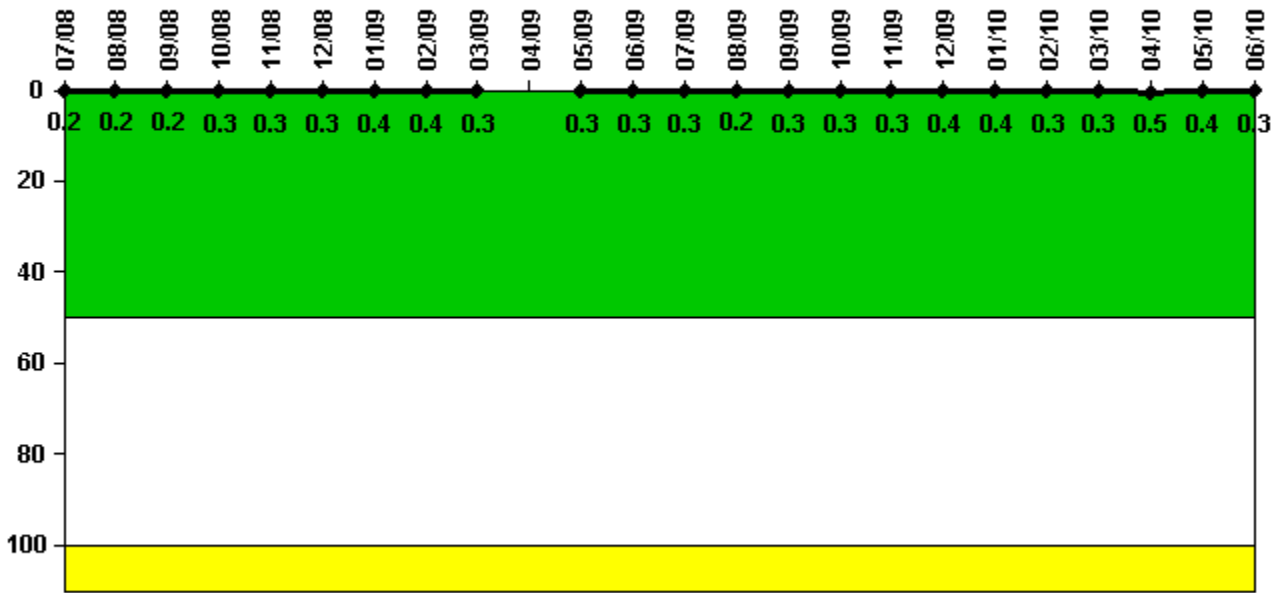
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-1.58E-09	-1.29E-09	-1.33E-09	-1.22E-09	-1.23E-09	-1.17E-09	-9.77E-10	-1.19E-09
URI (Δ CDF)	2.39E-12	2.39E-12	2.39E-12	2.39E-12	2.39E-12	2.39E-12	2.39E-12	2.39E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.60E-09	-1.30E-09	-1.30E-09	-1.20E-09	-1.20E-09	-1.20E-09	-9.70E-10	-1.20E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

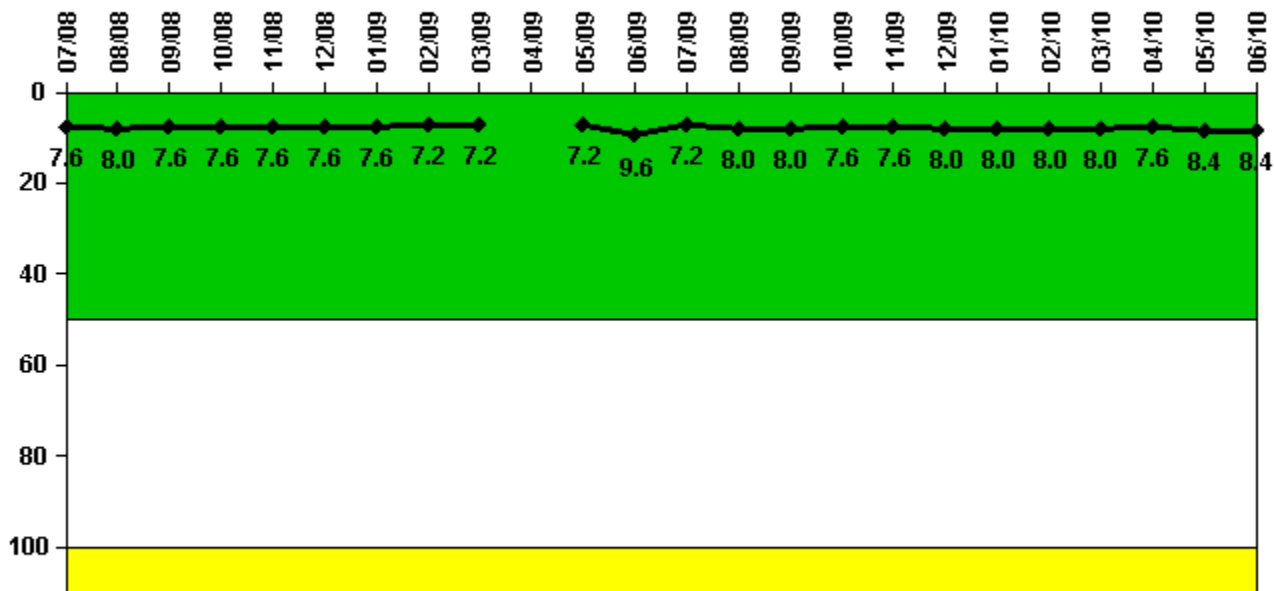
Notes

Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.000407	0.000434	0.000331	0.000502	0.000500	0.000657	0.000746	0.000754	0.000683	N/A	0.000635	0.000577
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	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.3	N/A	0.3	0.3

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	0.000539	0.000469	0.000529	0.000599	0.000519	0.000758	0.000739	0.000678	0.000647	0.000943	0.000823	0.000607
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	0.3	0.2	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.5	0.4	0.3

Licensee Comments: none

Reactor Coolant System Leakage



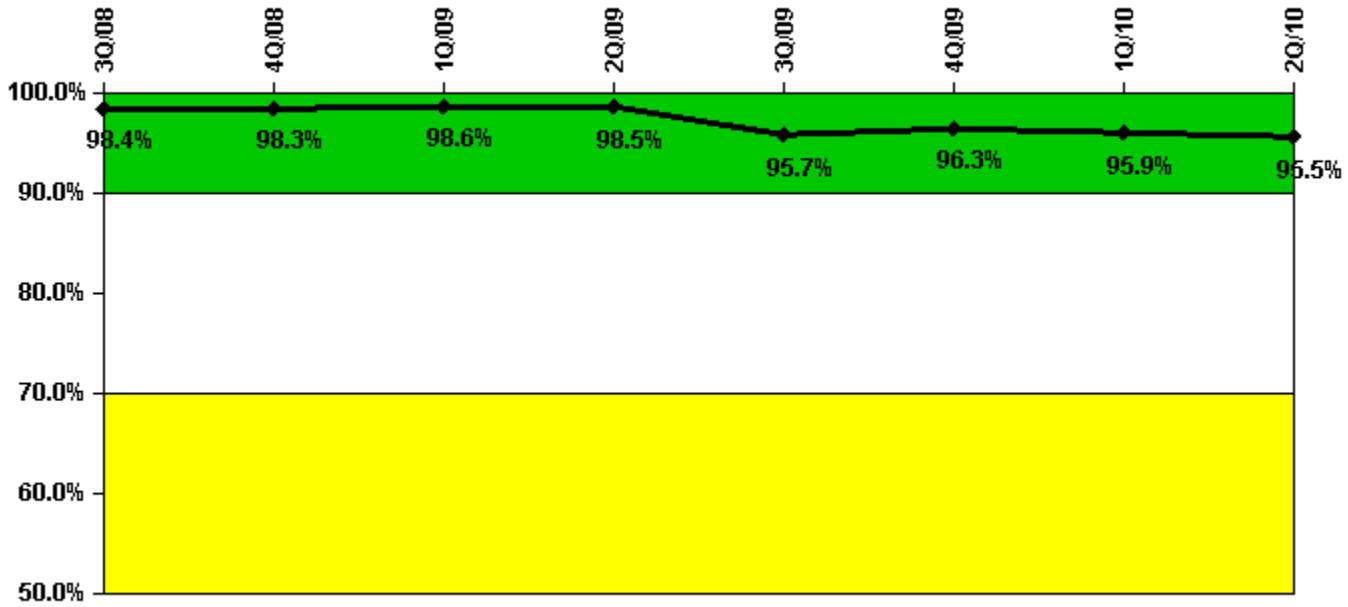
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	1.900	2.000	1.900	1.900	1.900	1.900	1.900	1.800	1.800	N/A	1.800	2.400
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	7.6	8.0	7.6	7.6	7.6	7.6	7.6	7.2	7.2	N/A	7.2	9.6
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	1.800	2.000	2.000	1.900	1.900	2.000	2.000	2.000	2.000	1.900	2.100	2.100
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	7.2	8.0	8.0	7.6	7.6	8.0	8.0	8.0	8.0	7.6	8.4	8.4

Licensee Comments: none

Drill/Exercise Performance



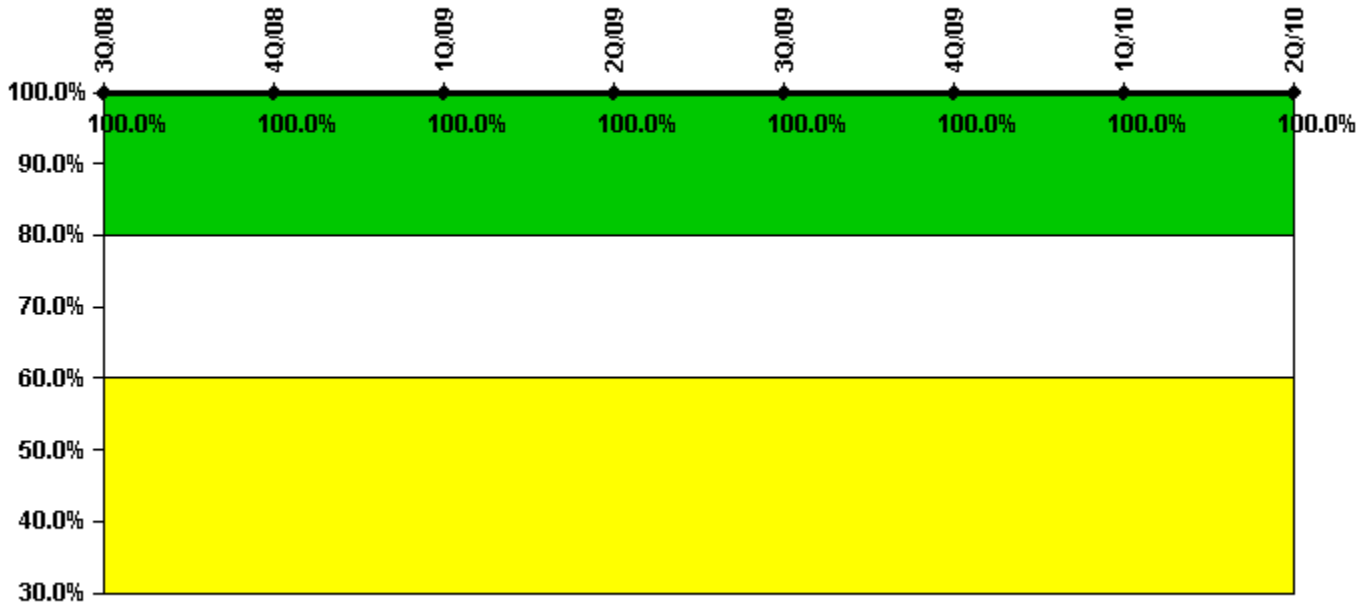
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	39.0	25.0	19.0	18.0	39.0	29.0	36.0	30.0
Total opportunities	39.0	26.0	19.0	18.0	47.0	30.0	36.0	31.0
Indicator value	98.4%	98.3%	98.6%	98.5%	95.7%	96.3%	95.9%	95.5%

Licensee Comments: none

ERO Drill Participation



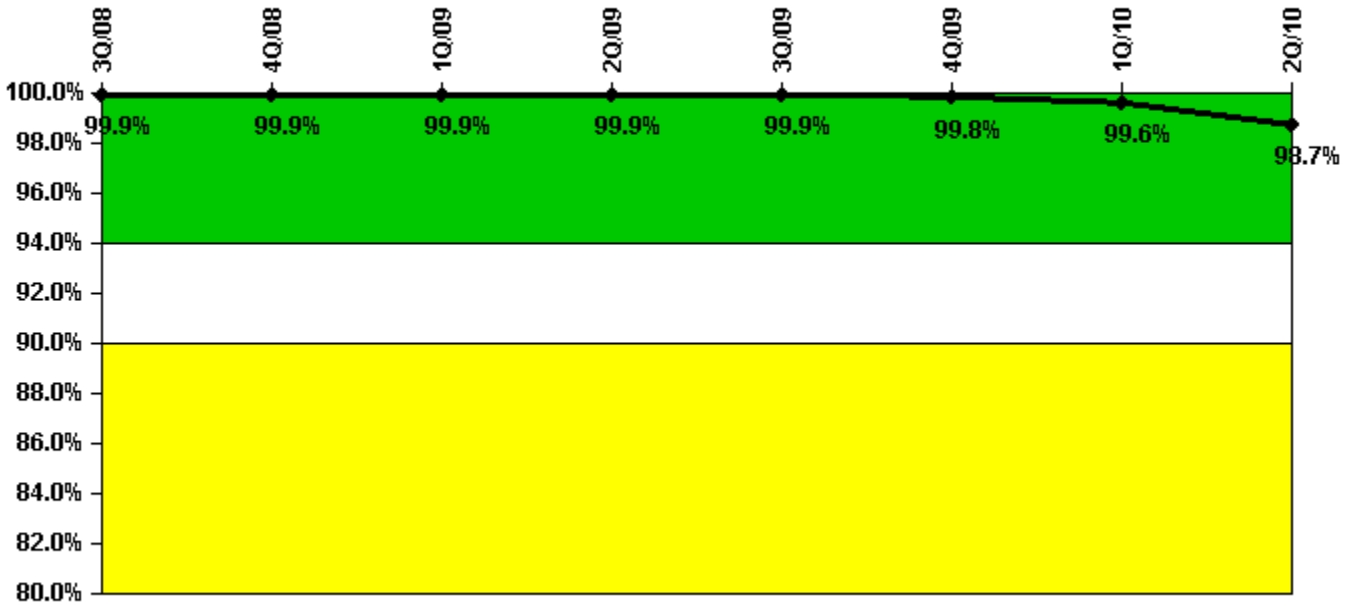
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	112.0	123.0	118.0	118.0	143.0	144.0	147.0	145.0
Total Key personnel	112.0	123.0	118.0	118.0	143.0	144.0	147.0	145.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



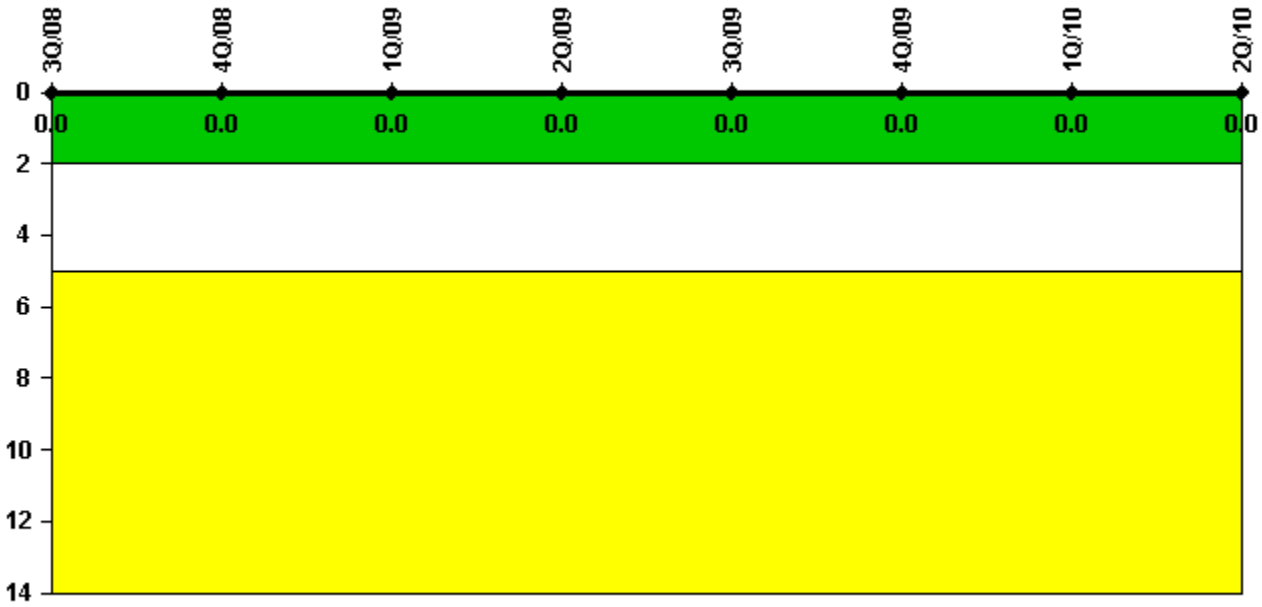
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	1377	1483	1268	1377	1482	1373	1364	1327
Total sirens-tests	1378	1484	1272	1378	1484	1378	1378	1378
Indicator value	99.9%	99.9%	99.9%	99.9%	99.9%	99.8%	99.6%	98.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



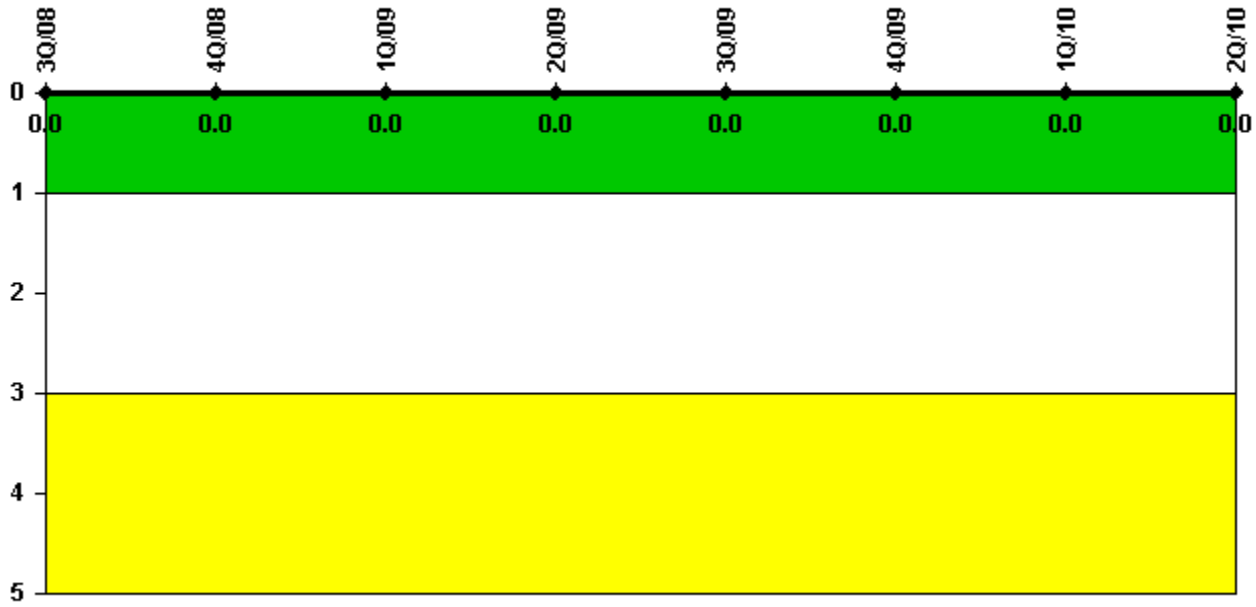
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/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	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/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.