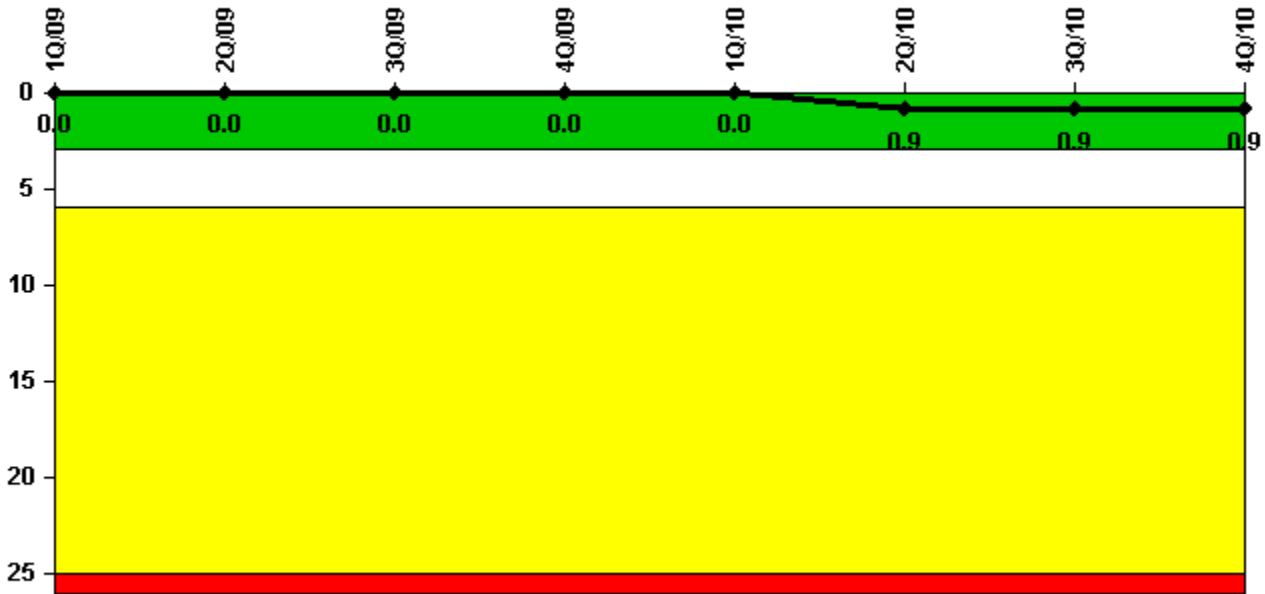


Limerick 1

4Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



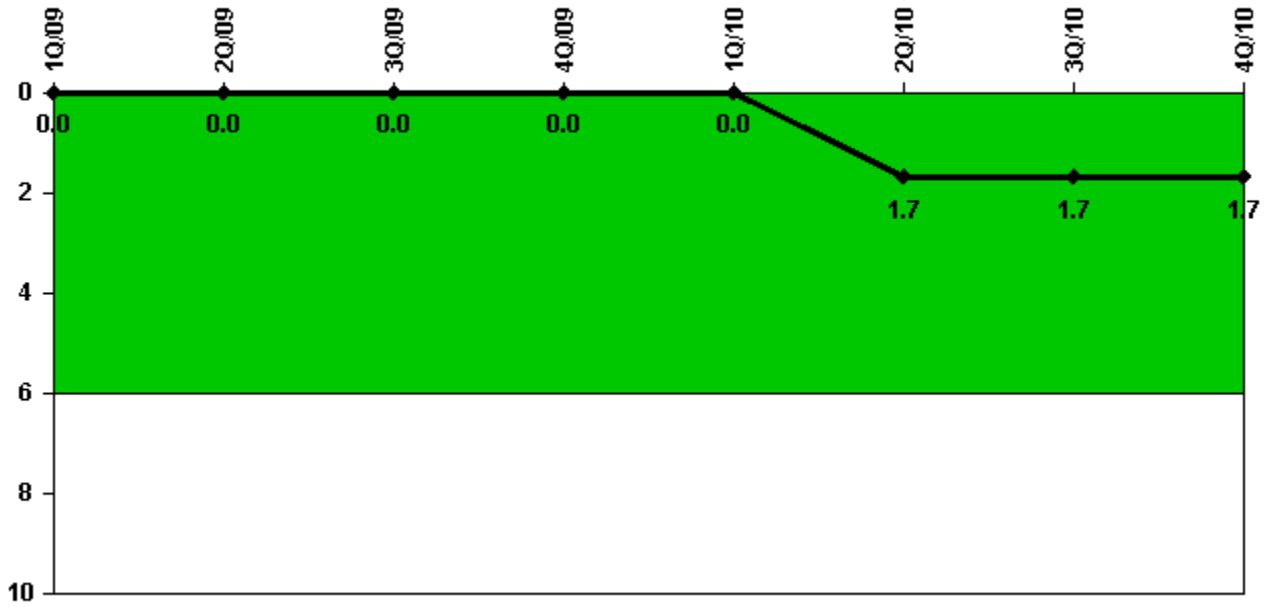
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1922.2	1848.6	2208.0	2209.0
Indicator value	0	0	0	0	0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



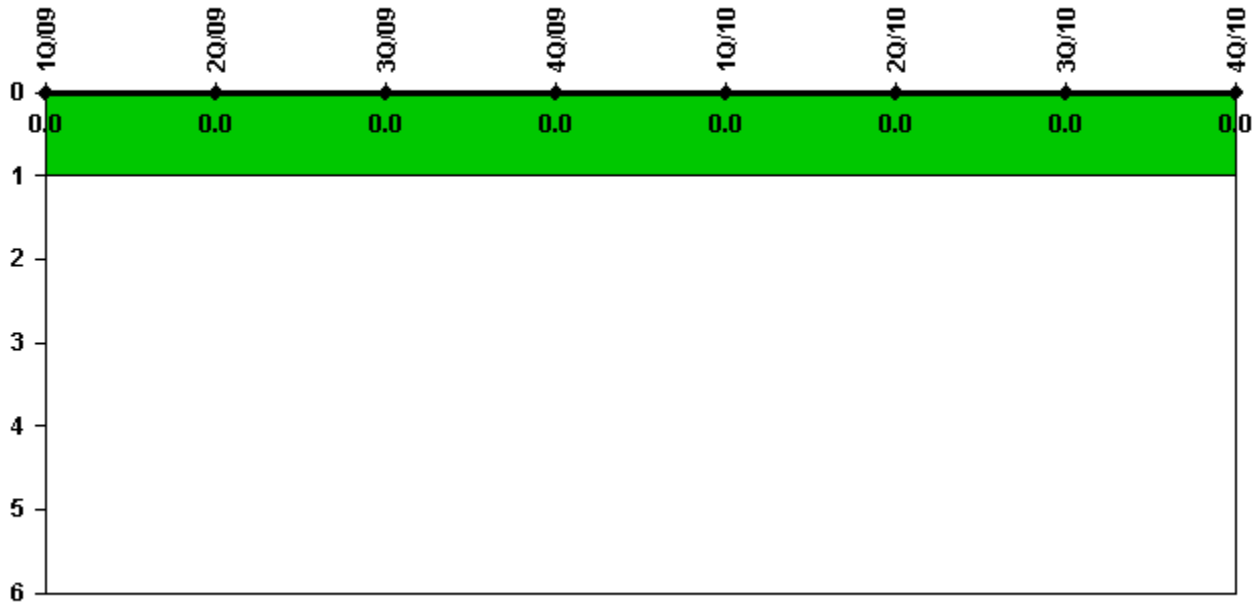
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned power changes	0	0	0	0	0	2.0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1922.2	1848.6	2208.0	2209.0
Indicator value	0	0	0	0	0	1.7	1.7	1.7

Licensee Comments: none

Unplanned Scrams with Complications



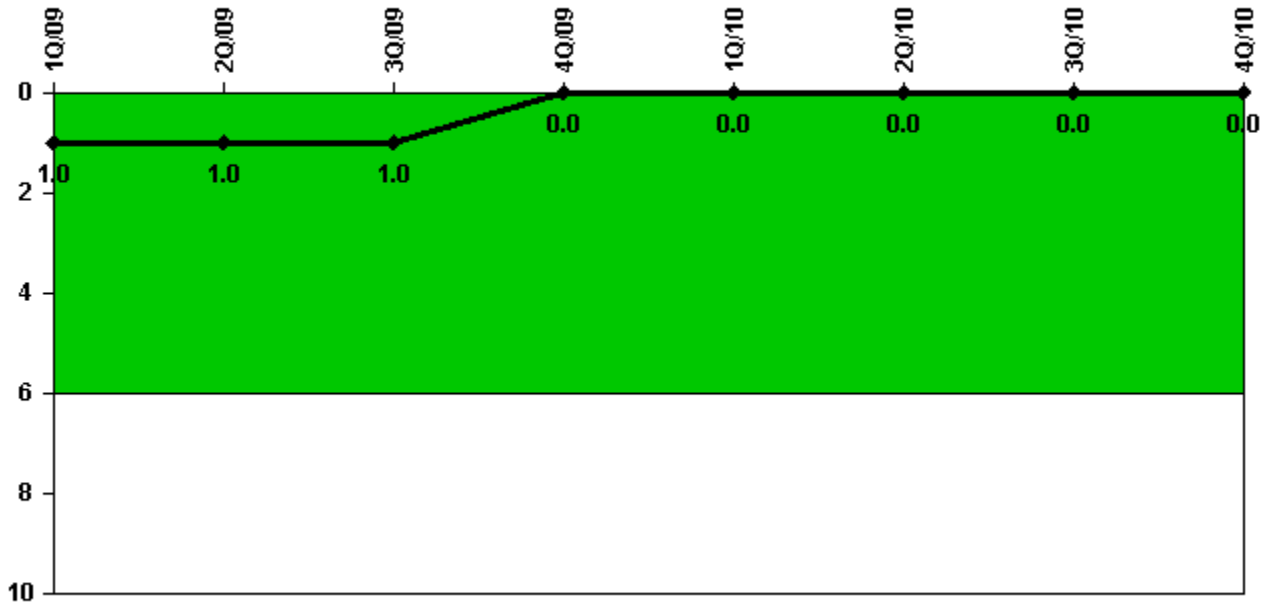
Thresholds: White > 1.0

Notes

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



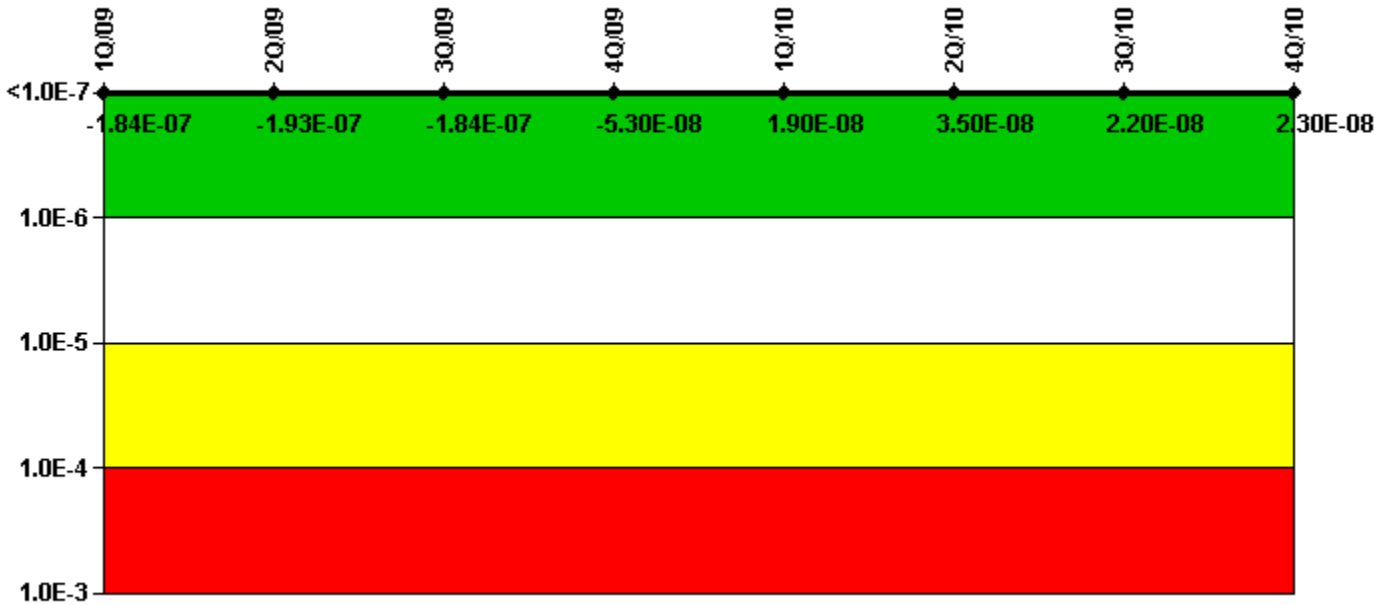
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



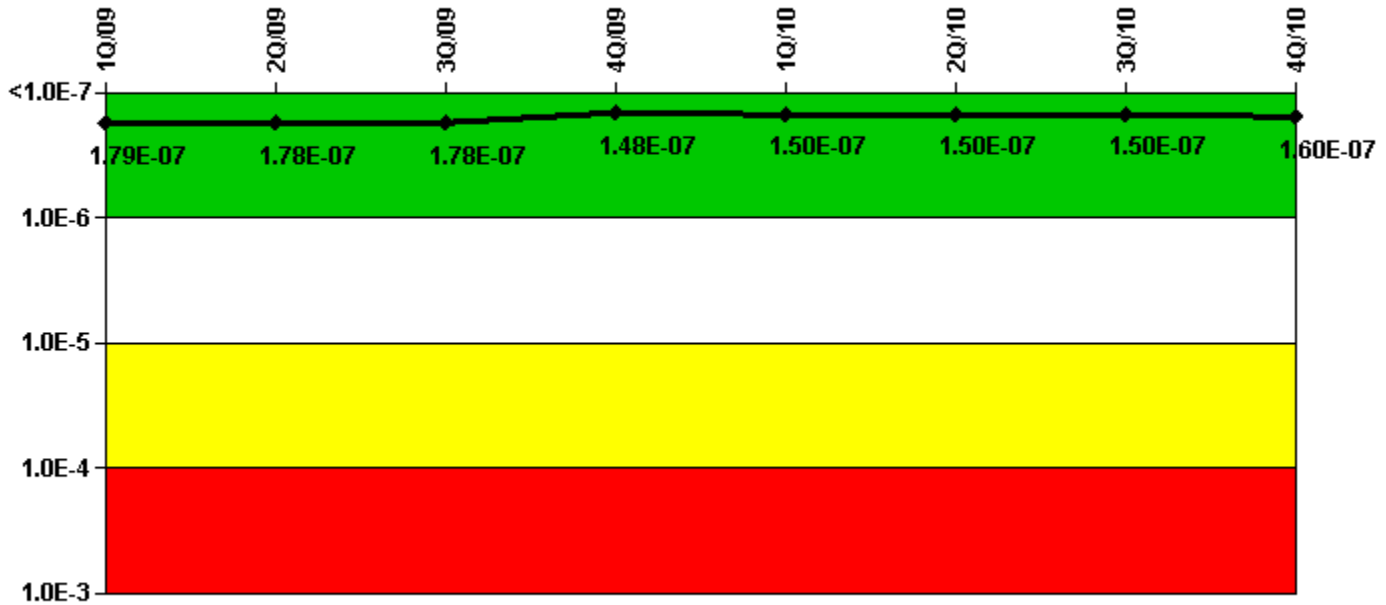
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	6.50E-09	6.90E-09	5.70E-09	9.70E-10	-2.37E-11	5.71E-10	2.91E-09	3.18E-09
URI (Δ CDF)	-1.90E-07	-2.00E-07	-1.90E-07	-5.40E-08	1.90E-08	3.46E-08	1.88E-08	1.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.84E-07	-1.93E-07	-1.84E-07	-5.30E-08	1.90E-08	3.50E-08	2.20E-08	2.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



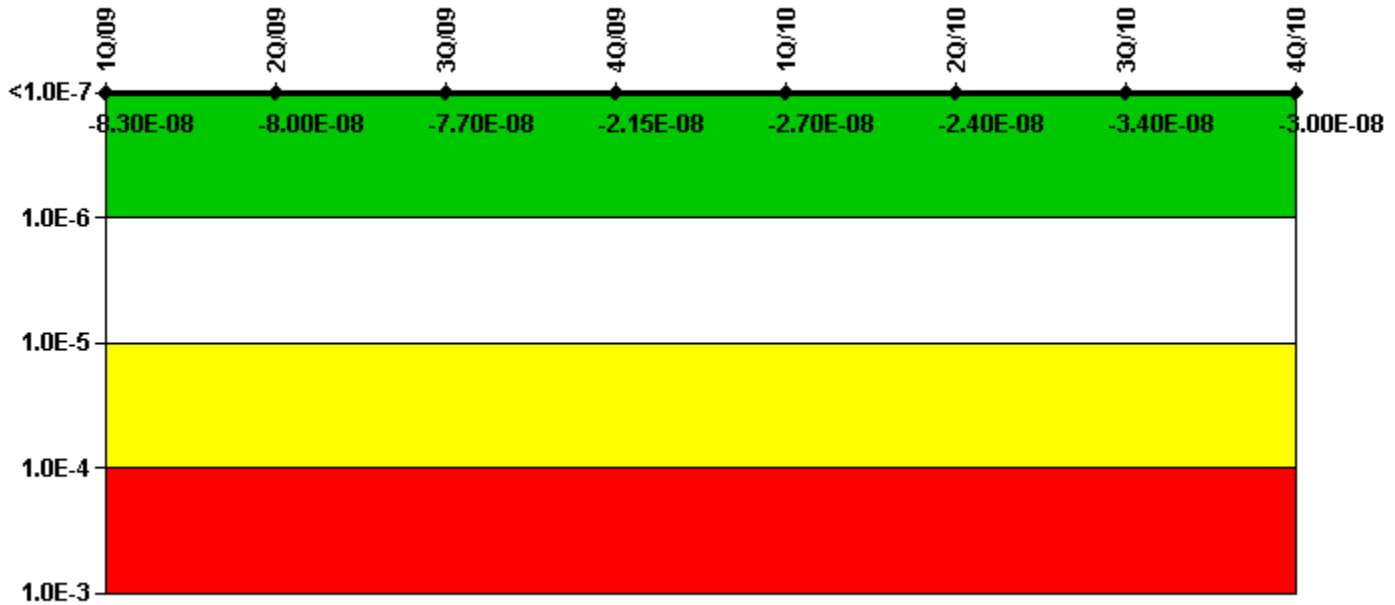
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-4.10E-08	-4.20E-08	-4.20E-08	-3.20E-08	-3.15E-08	-3.15E-08	-3.15E-08	-2.36E-08
URI (Δ CDF)	2.20E-07	2.20E-07	2.20E-07	1.80E-07	1.81E-07	1.81E-07	1.81E-07	1.81E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.79E-07	1.78E-07	1.78E-07	1.48E-07	1.50E-07	1.50E-07	1.50E-07	1.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



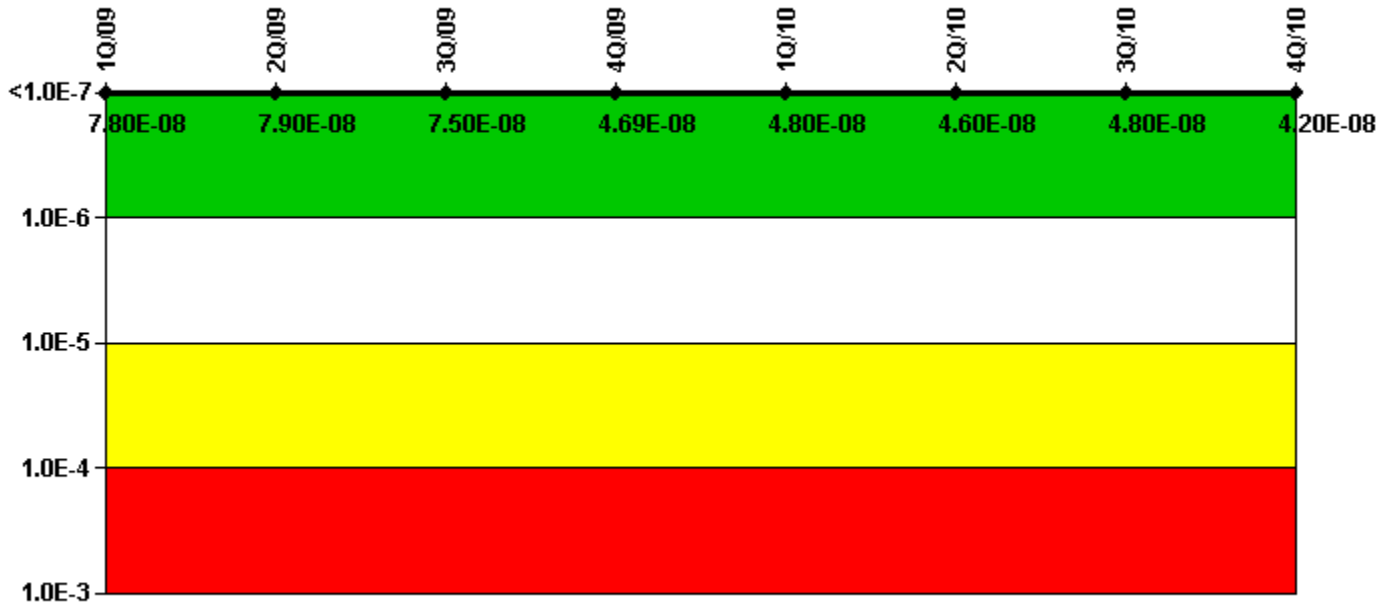
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-3.60E-08	-3.30E-08	-3.00E-08	5.50E-09	5.13E-10	3.73E-09	-6.17E-09	-3.13E-09
URI (Δ CDF)	-4.70E-08	-4.70E-08	-4.70E-08	-2.70E-08	-2.73E-08	-2.73E-08	-2.73E-08	-2.73E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.30E-08	-8.00E-08	-7.70E-08	-2.15E-08	-2.70E-08	-2.40E-08	-3.40E-08	-3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



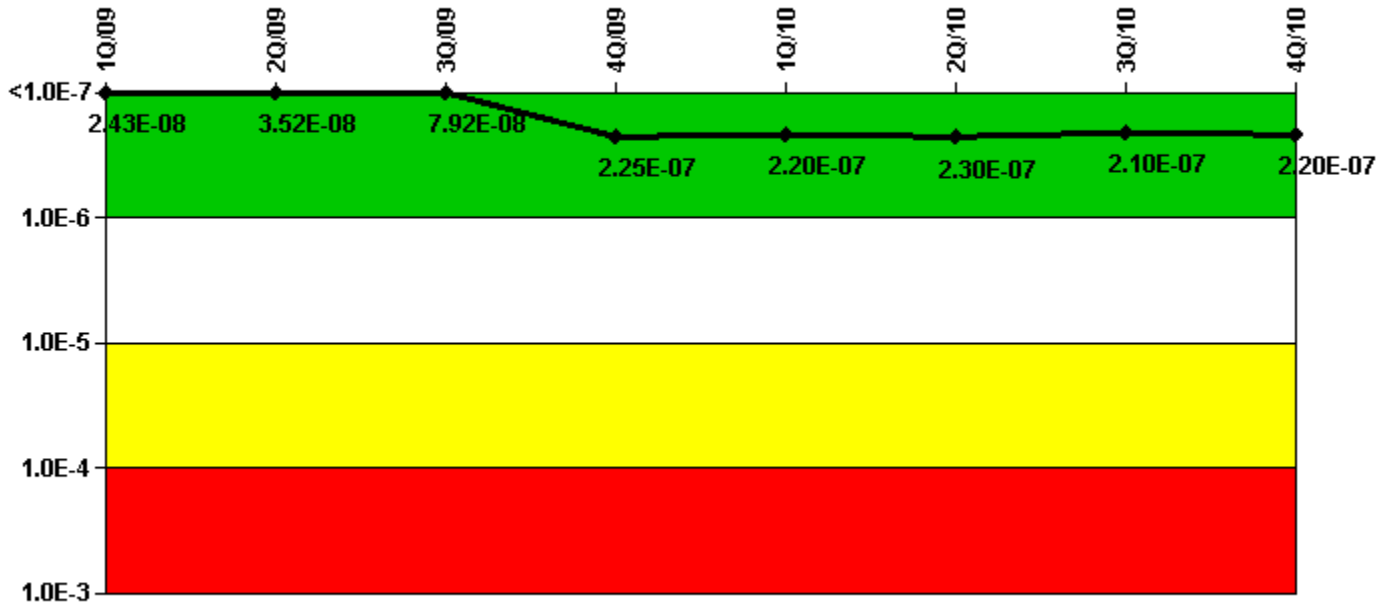
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	2.80E-08	3.20E-08	3.10E-08	4.80E-08	4.91E-08	4.75E-08	4.93E-08	4.38E-08
URI (Δ CDF)	5.00E-08	4.70E-08	4.40E-08	-1.10E-09	-1.26E-09	-1.35E-09	-1.36E-09	-1.36E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.80E-08	7.90E-08	7.50E-08	4.69E-08	4.80E-08	4.60E-08	4.80E-08	4.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



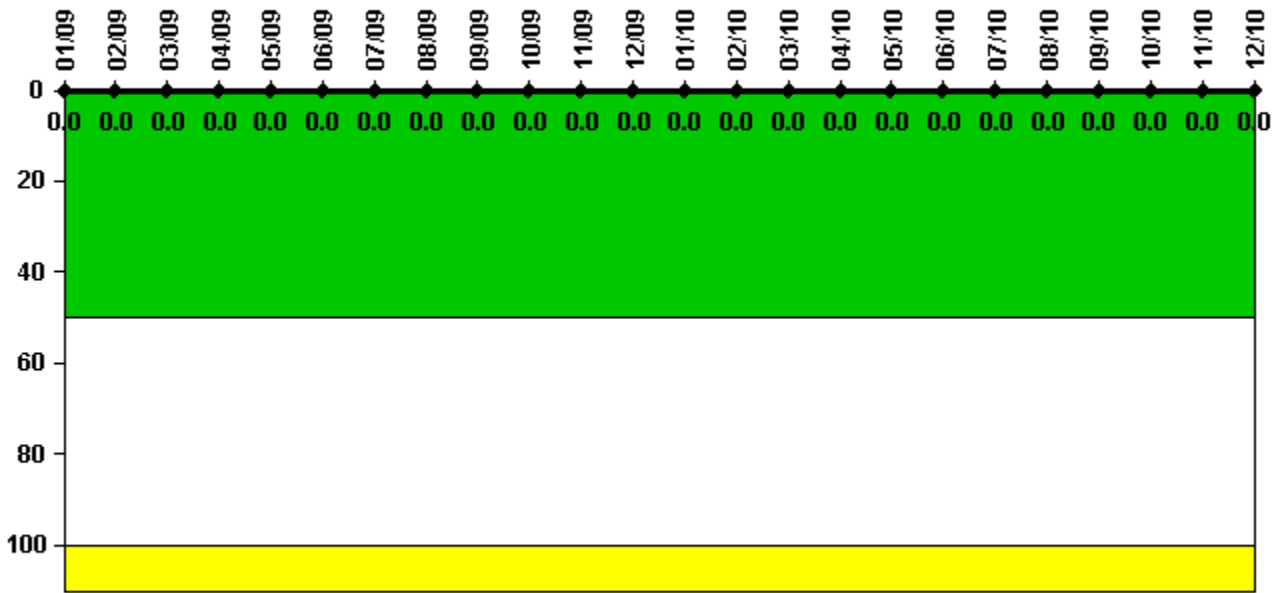
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	2.80E-08	3.90E-08	8.30E-08	2.50E-07	2.46E-07	2.53E-07	2.39E-07	2.50E-07
URI (Δ CDF)	-3.70E-09	-3.80E-09	-3.80E-09	-2.50E-08	-2.57E-08	-2.67E-08	-2.80E-08	-2.86E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.43E-08	3.52E-08	7.92E-08	2.25E-07	2.20E-07	2.30E-07	2.10E-07	2.20E-07

Licensee Comments: none

Reactor Coolant System Activity



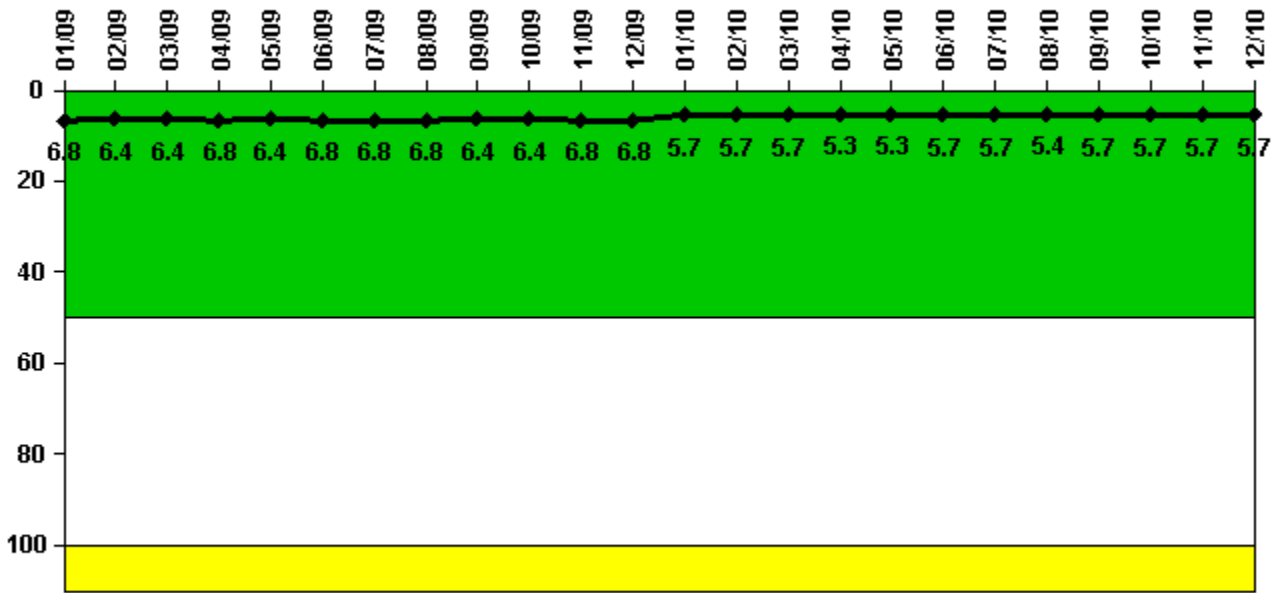
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum activity	0.000002	0.000002	0.000003	0.000002	0.000004	0.000004	0.000004	0.000003	0.000005	0.000003	0.000003	0.000005
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	0
Reactor Coolant System Activity	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum activity	0.000003	0.000003	0.000003	0.000002	0.000002	0.000005	0.000003	0.000003	0.000002	0.000002	0.000003	0.000003
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	0

Licensee Comments: none

Reactor Coolant System Leakage



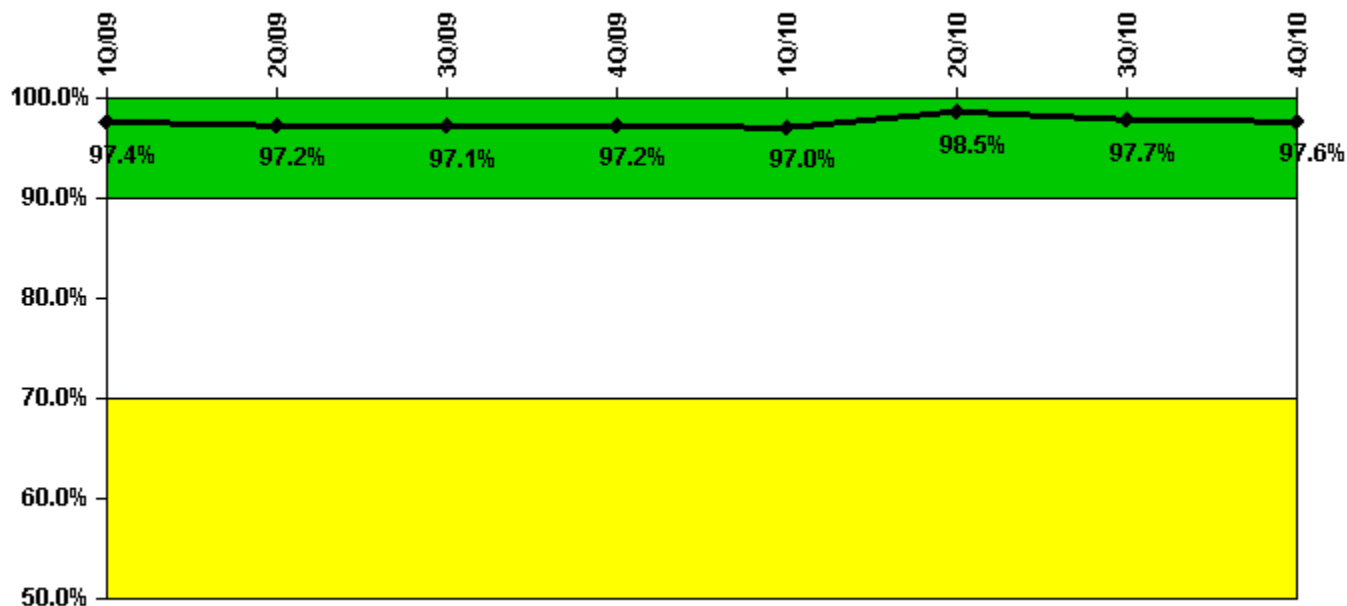
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	1.700	1.600	1.600	1.700	1.600	1.700	1.700	1.700	1.600	1.600	1.700	1.700
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	6.8	6.4	6.4	6.8	6.4	6.8	6.8	6.8	6.4	6.4	6.8	6.8
Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	1.700	1.700	1.700	1.600	1.600	1.700	1.700	1.630	1.700	1.700	1.700	1.700
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	5.7	5.7	5.7	5.3	5.3	5.7	5.7	5.4	5.7	5.7	5.7	5.7

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

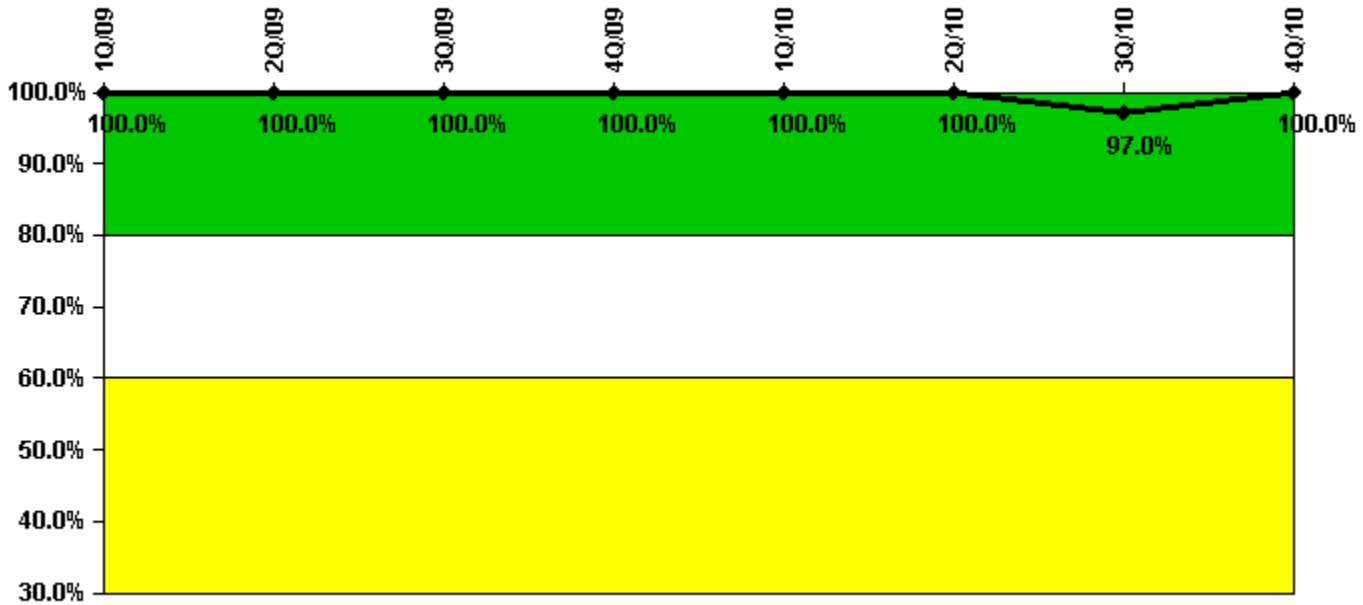
Notes

Drill/Exercise Performance	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful opportunities	93.0	21.0	57.0	17.0	12.0	23.0	59.0	43.0
Total opportunities	95.0	22.0	59.0	17.0	12.0	24.0	61.0	43.0
Indicator value	97.4%	97.2%	97.1%	97.2%	97.0%	98.5%	97.7%	97.6%

Licensee Comments:

1Q/10: 2 DEP opportunities were not previously counted in Jan 2010 totals in error. The data changed 6 to 8. There was no impact on the PI threshold.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

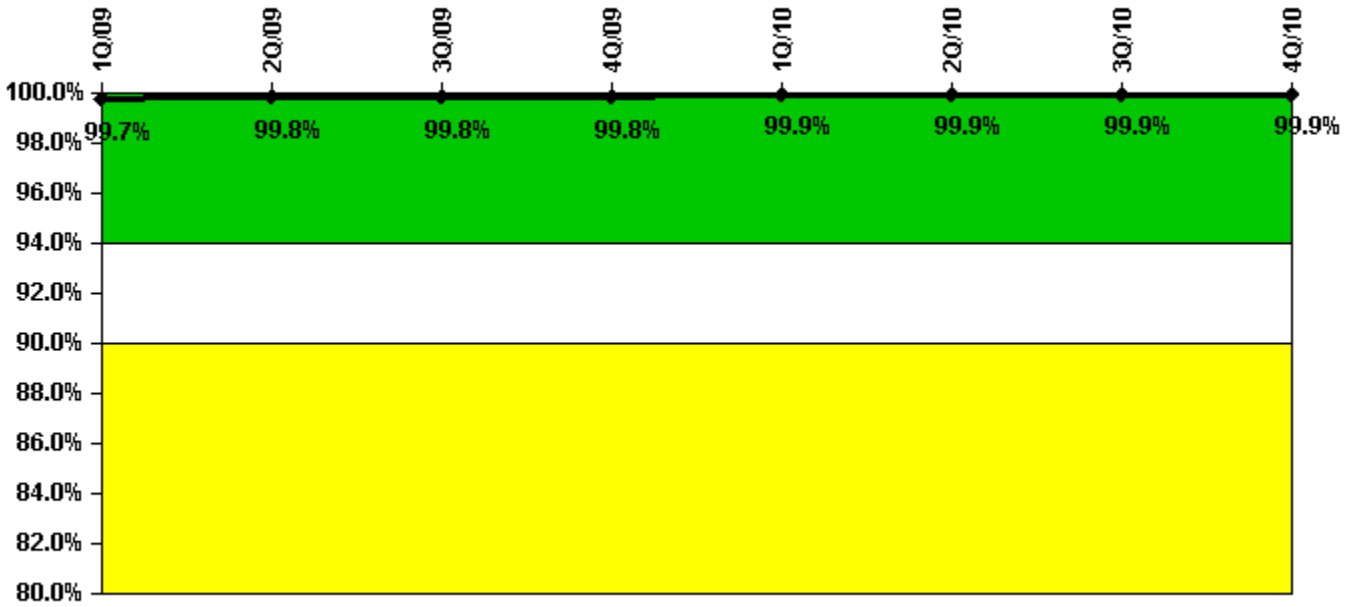
Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	63.0	61.0	65.0	68.0	69.0	65.0	64.0	65.0
Total Key personnel	63.0	61.0	65.0	68.0	69.0	65.0	66.0	65.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	97.0%	100.0%

Licensee Comments:

3Q/10: One Key ERO participant was not previously counted in Aug totals due to an error. The August and September data was revised from a total of 65 to 66 participants. The PI threshold was not impacted

Alert & Notification System



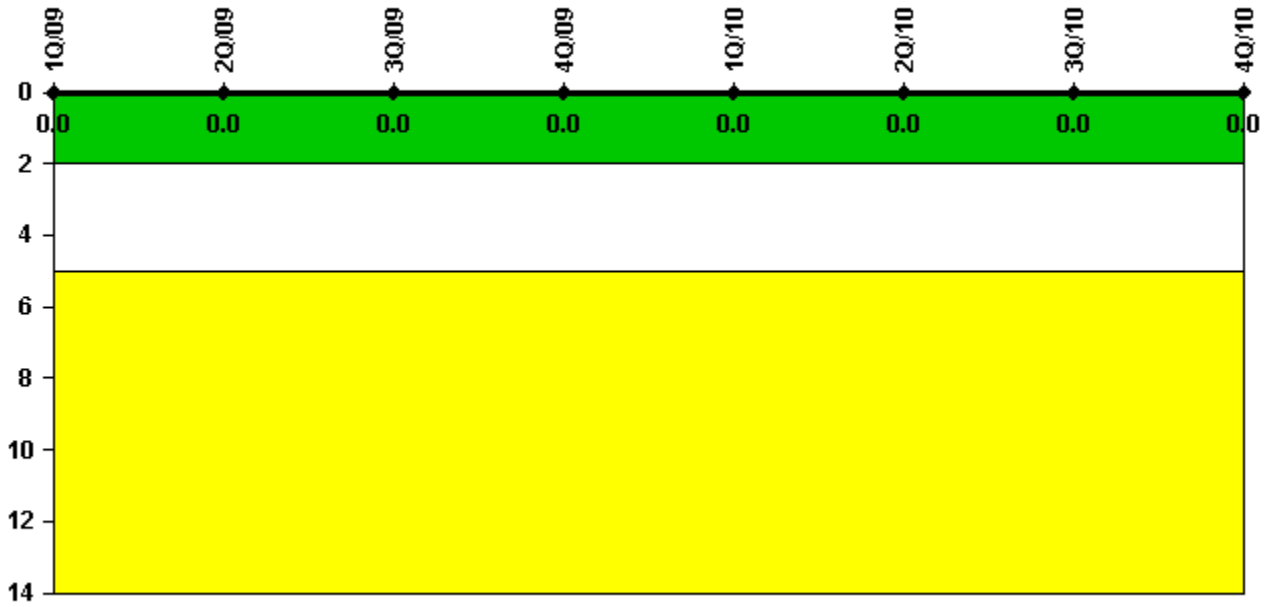
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	2137	2143	2141	2145	2142	2140	2144	2143
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2145
Indicator value	99.7%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



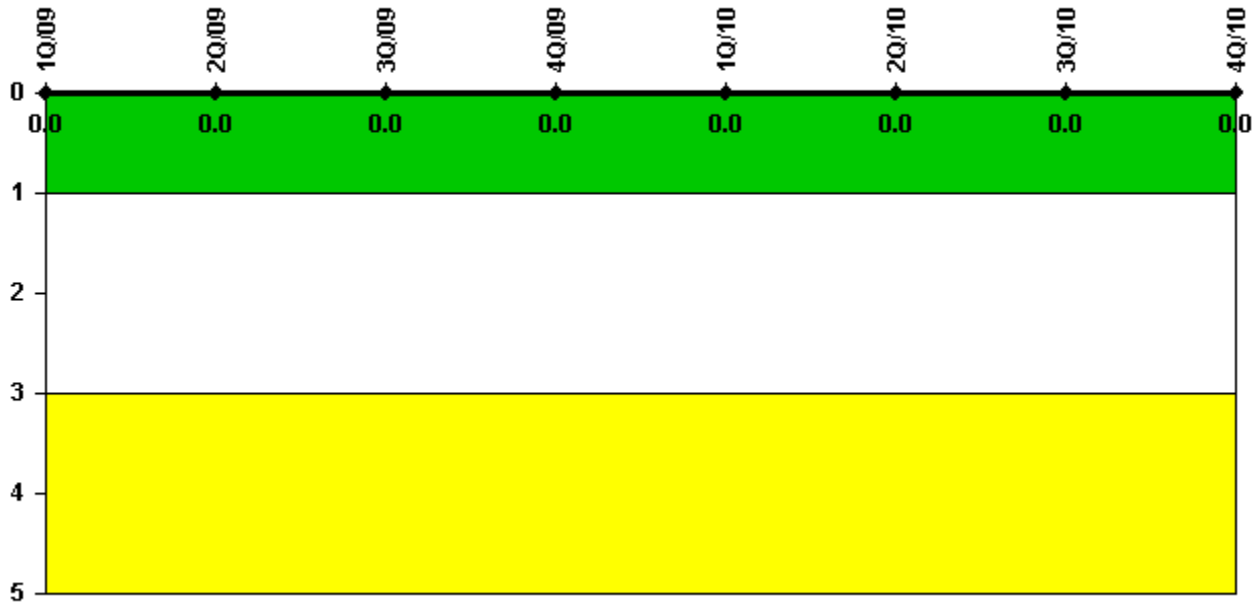
Thresholds: White > 2.0 Yellow > 5.0

Notes

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