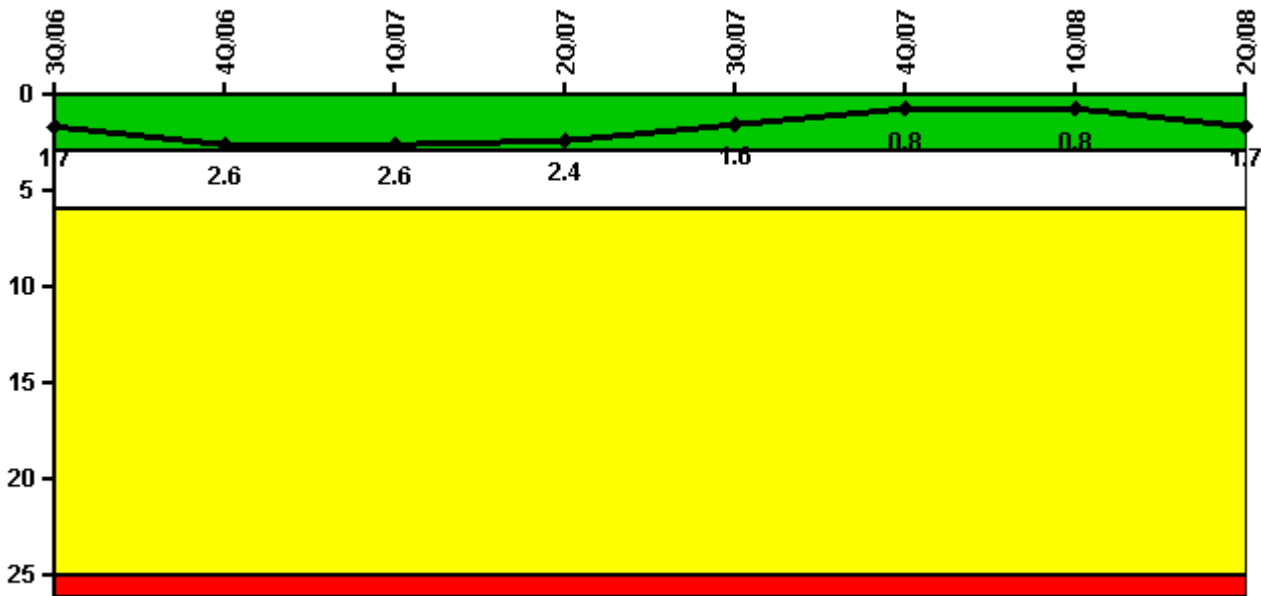


Indian Point 2

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

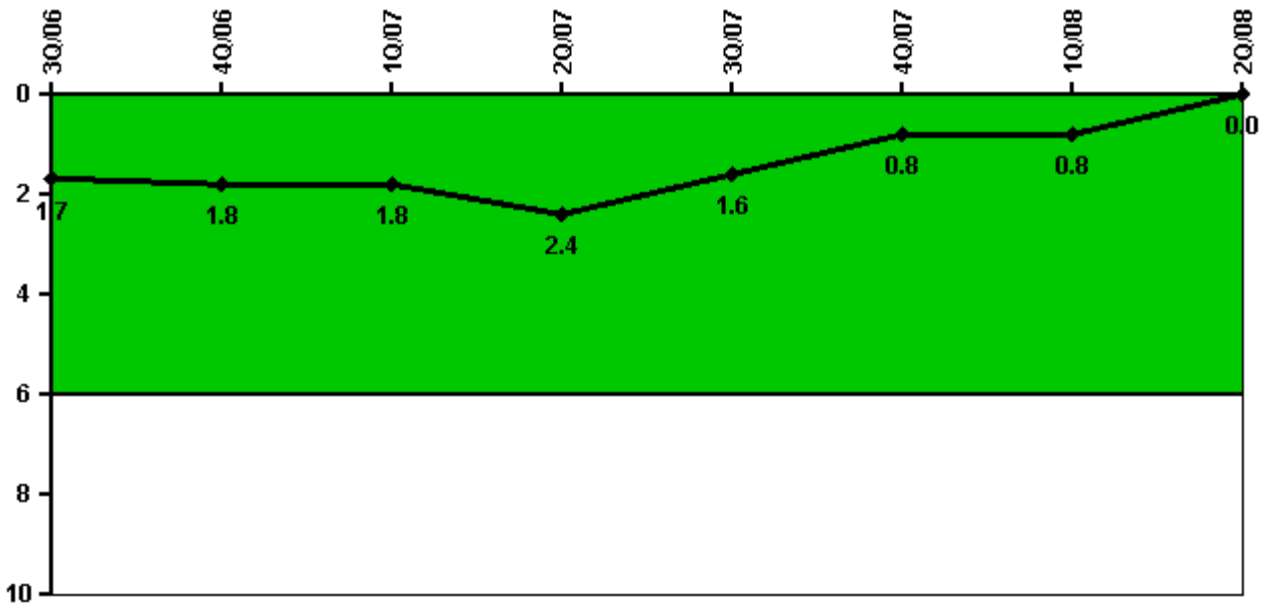
Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned scrams	1.0	1.0	1.0	0	0	0	1.0	1.0
Critical hours	2187.3	2186.0	2144.9	2184.0	2208.0	2209.0	1989.3	1724.9
Indicator value	1.7	2.6	2.6	2.4	1.6	0.8	0.8	1.7

Licensee Comments:

2Q/08: LER-2008-003 reported a manual reactor trip on April 21, 2008, during power asension from a refueling outage due to decreasing steam generator levels and a main turbine runback as a result of a failed bistable in the turbine runback circuit and the runback switch mispositioned to Armed.

Unplanned Power Changes per 7000 Critical Hrs



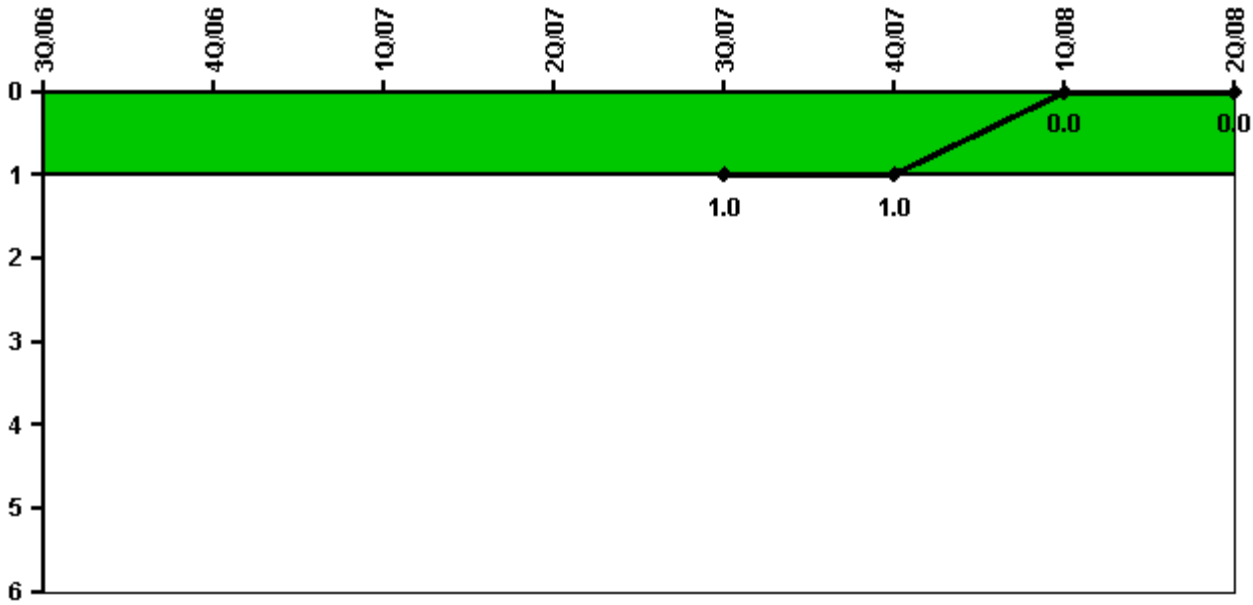
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	1.0	1.0	0	1.0	0	0	0	0
Critical hours	2187.3	2186.0	2144.9	2184.0	2208.0	2209.0	1989.3	1724.9
Indicator value	1.7	1.8	1.8	2.4	1.6	0.8	0.8	0

Licensee Comments: none

Unplanned Scrams with Complications



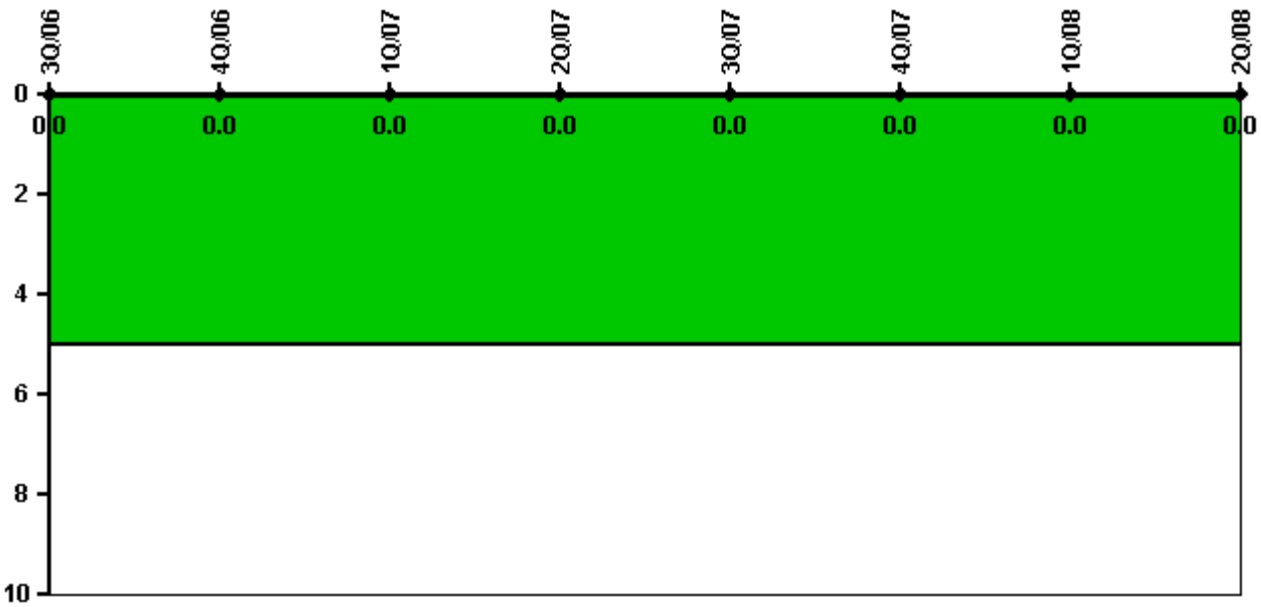
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Scrams with complications		0	1.0	0	0	0	0	0
Indicator value					1.0	1.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



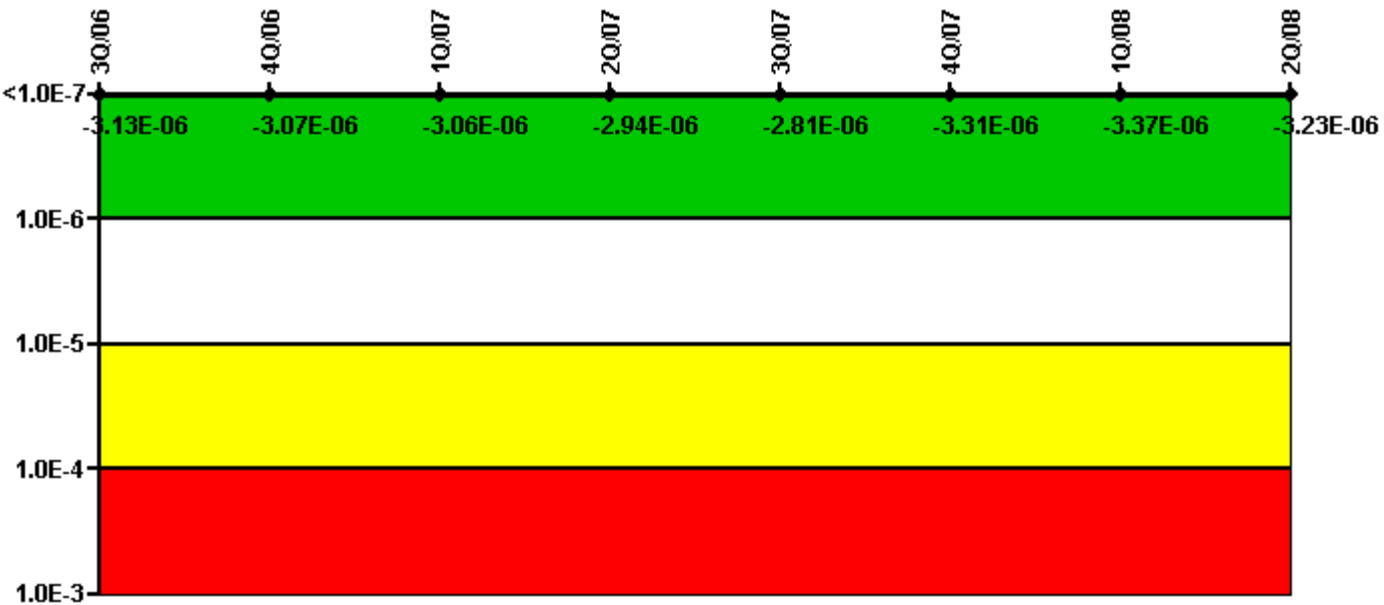
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



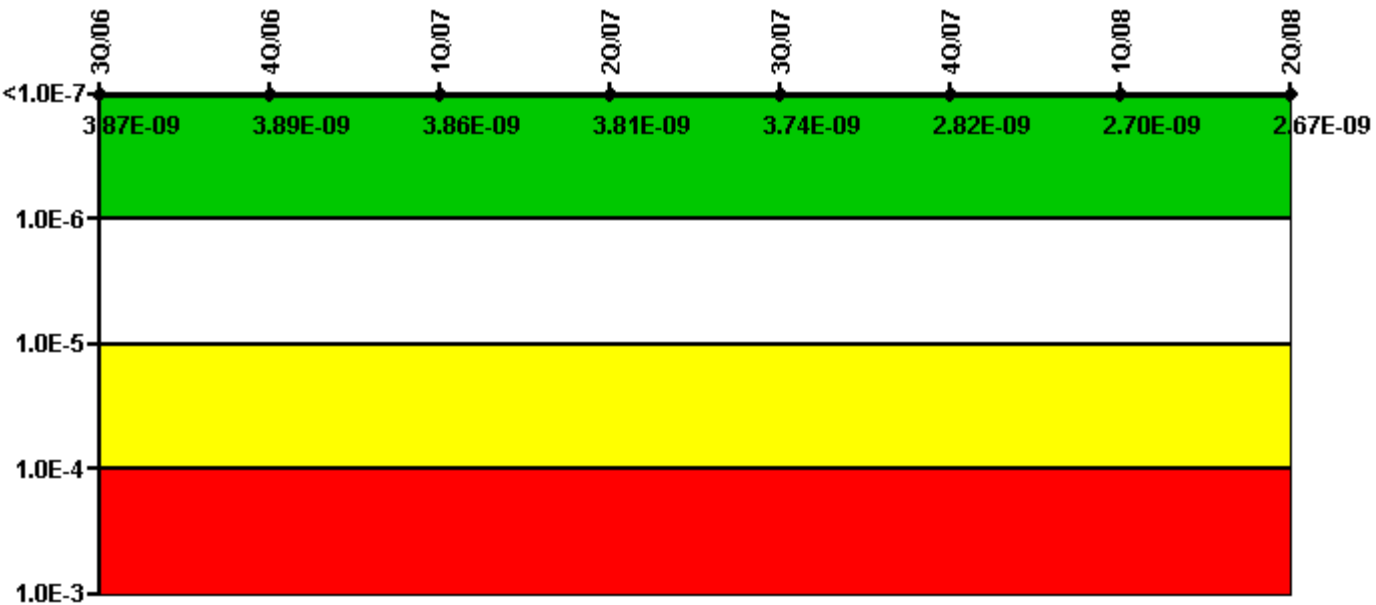
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	5.70E-07	6.30E-07	6.40E-07	7.60E-07	7.90E-07	4.90E-07	5.30E-07	6.70E-07
URI (ΔCDF)	-3.70E-06	-3.70E-06	-3.70E-06	-3.70E-06	-3.60E-06	-3.80E-06	-3.90E-06	-3.90E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.13E-06	-3.07E-06	-3.06E-06	-2.94E-06	-2.81E-06	-3.31E-06	-3.37E-06	-3.23E-06

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



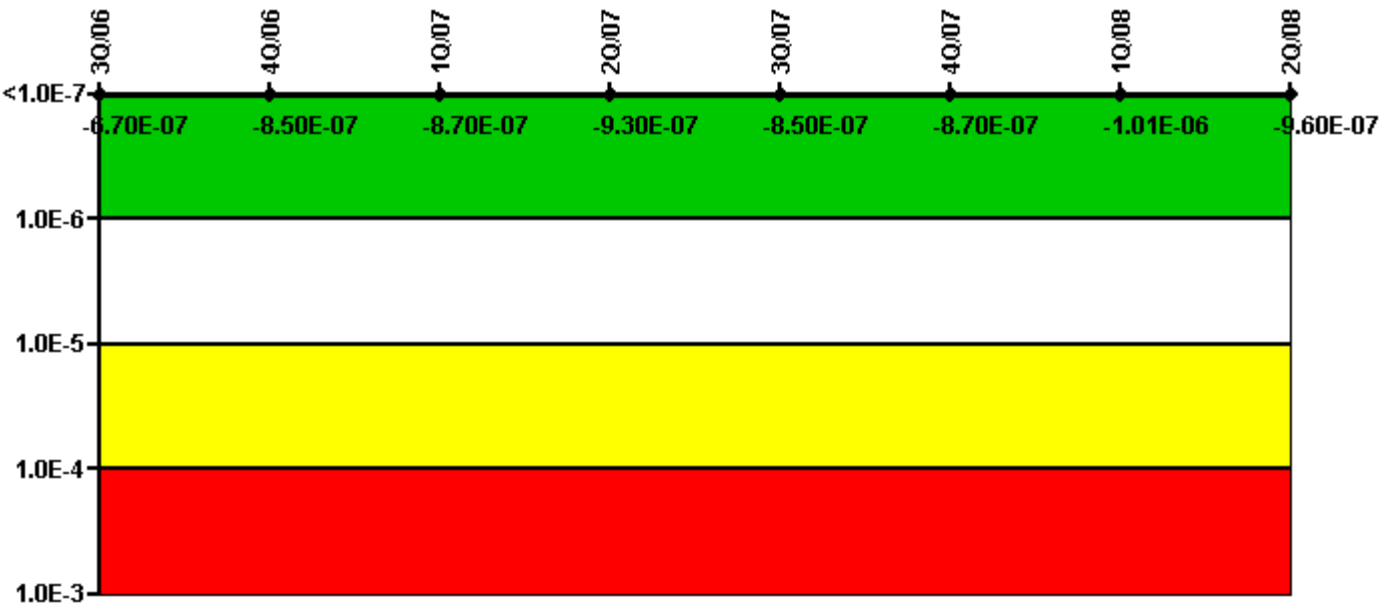
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	2.70E-10	2.90E-10	2.60E-10	2.10E-10	1.40E-10	1.70E-11	-1.00E-10	-1.30E-10
URI (Δ CDF)	3.60E-09	3.60E-09	3.60E-09	3.60E-09	3.60E-09	2.80E-09	2.80E-09	2.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.87E-09	3.89E-09	3.86E-09	3.81E-09	3.74E-09	2.82E-09	2.70E-09	2.67E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



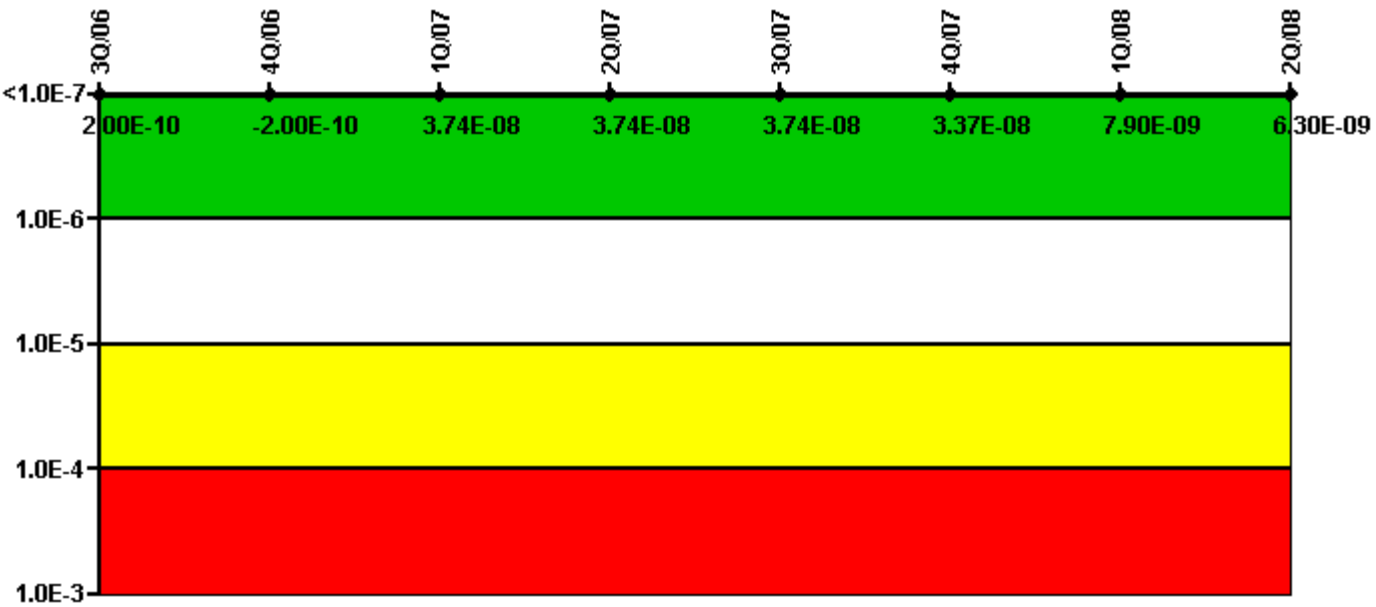
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	4.30E-07	3.50E-07	3.30E-07	2.70E-07	2.50E-07	2.30E-07	1.90E-07	2.40E-07
URI (Δ CDF)	-1.10E-06	-1.20E-06	-1.20E-06	-1.20E-06	-1.10E-06	-1.10E-06	-1.20E-06	-1.20E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.70E-07	-8.50E-07	-8.70E-07	-9.30E-07	-8.50E-07	-8.70E-07	-1.01E-06	-9.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



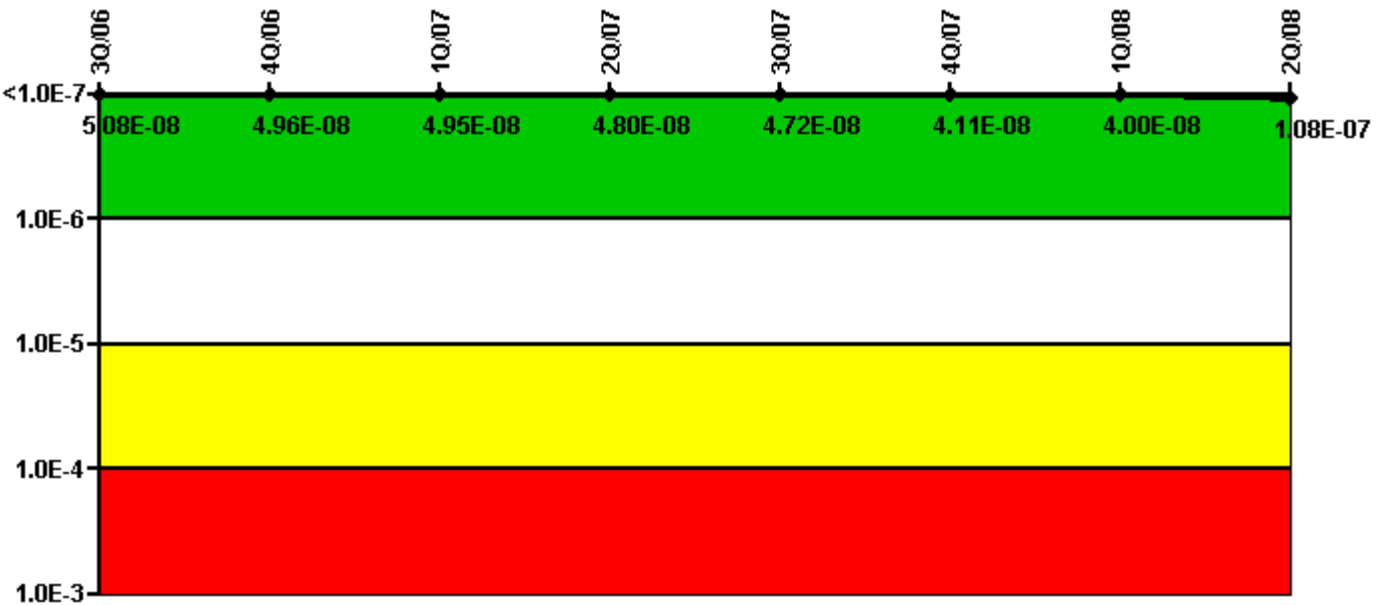
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-5.60E-09	-5.60E-09	-5.60E-09	-5.60E-09	-5.60E-09	-1.30E-09	-1.20E-09	-1.00E-09
URI (Δ CDF)	5.80E-09	5.40E-09	4.30E-08	4.30E-08	4.30E-08	3.50E-08	9.10E-09	7.30E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.00E-10	-2.00E-10	3.74E-08	3.74E-08	3.74E-08	3.37E-08	7.90E-09	6.30E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



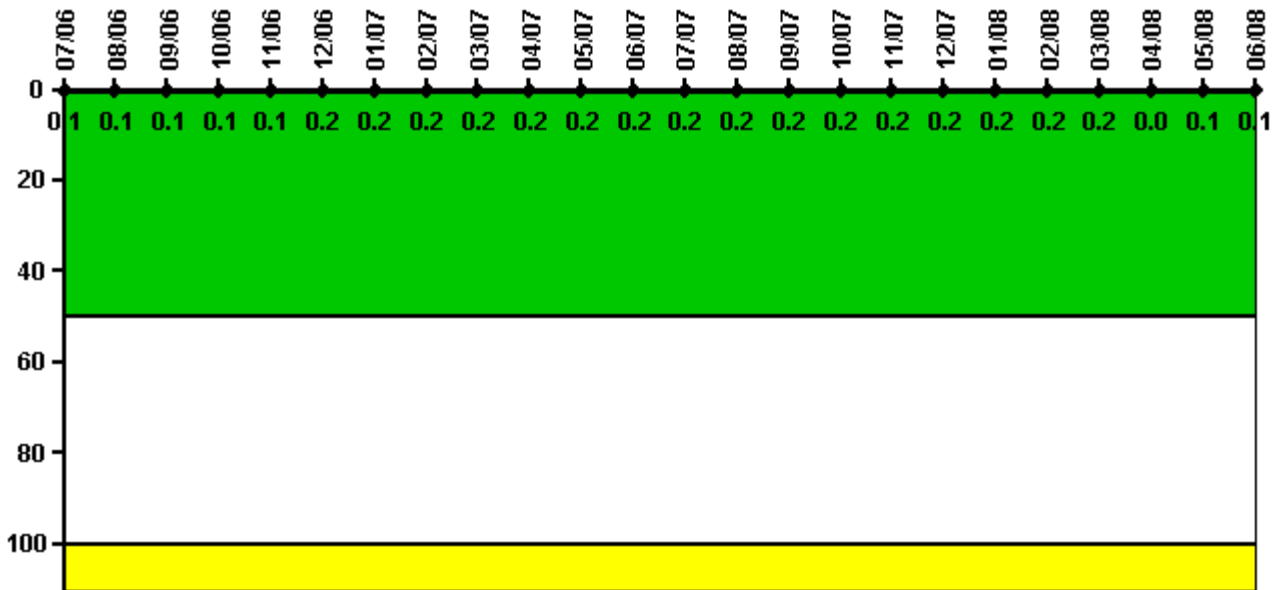
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	2.80E-09	2.60E-09	2.50E-09	-1.00E-08	-9.80E-09	-7.90E-09	-6.00E-09	3.70E-08
URI (Δ CDF)	4.80E-08	4.70E-08	4.70E-08	5.80E-08	5.70E-08	4.90E-08	4.60E-08	7.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.08E-08	4.96E-08	4.95E-08	4.80E-08	4.72E-08	4.11E-08	4.00E-08	1.08E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

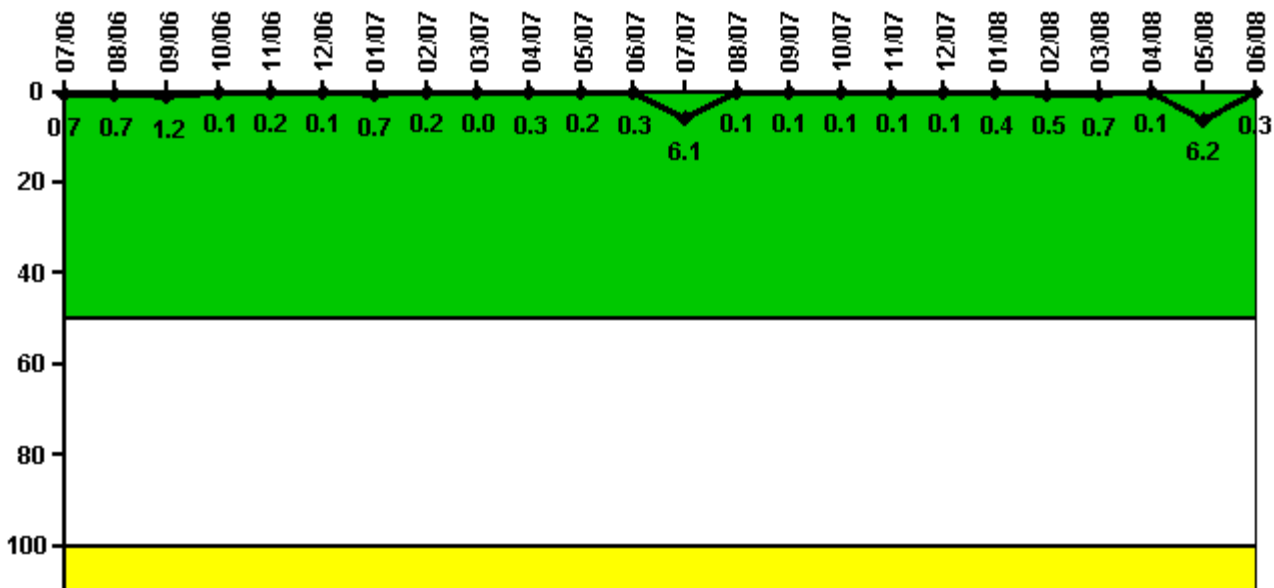
Notes

Reactor Coolant System Activity	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity	0.001360	0.001380	0.001310	0.001410	0.001480	0.001600	0.001540	0.001580	0.001650	0.001810	0.001740	0.001660
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	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.001840	0.001850	0.001930	0.002050	0.002020	0.002040	0.002140	0.002070	0.002220	0.000449	0.000501	0.000717
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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



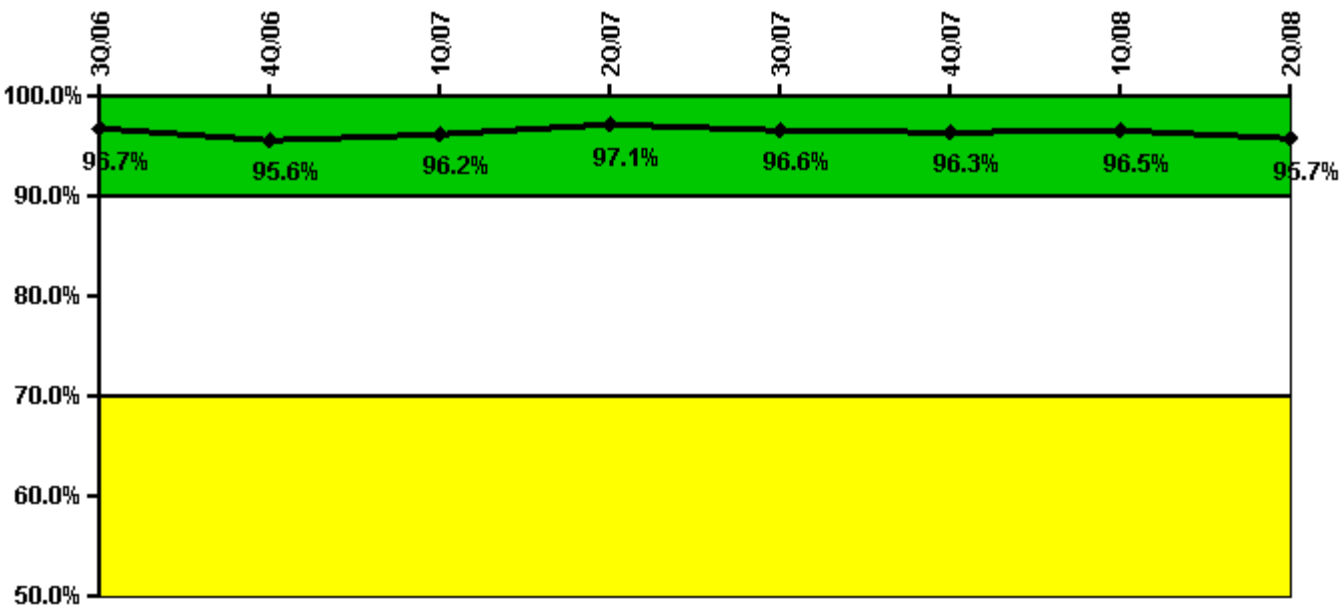
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.069	0.069	0.120	0.011	0.020	0.010	0.070	0.020	0	0.030	0.020	0.030
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	0.7	0.7	1.2	0.1	0.2	0.1	0.7	0.2	0	0.3	0.2	0.3
Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.610	0.010	0.010	0.010	0.010	0.010	0.040	0.050	0.070	0.010	0.620	0.030
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	6.1	0.1	0.1	0.1	0.1	0.1	0.4	0.5	0.7	0.1	6.2	0.3

Licensee Comments: none

Drill/Exercise Performance



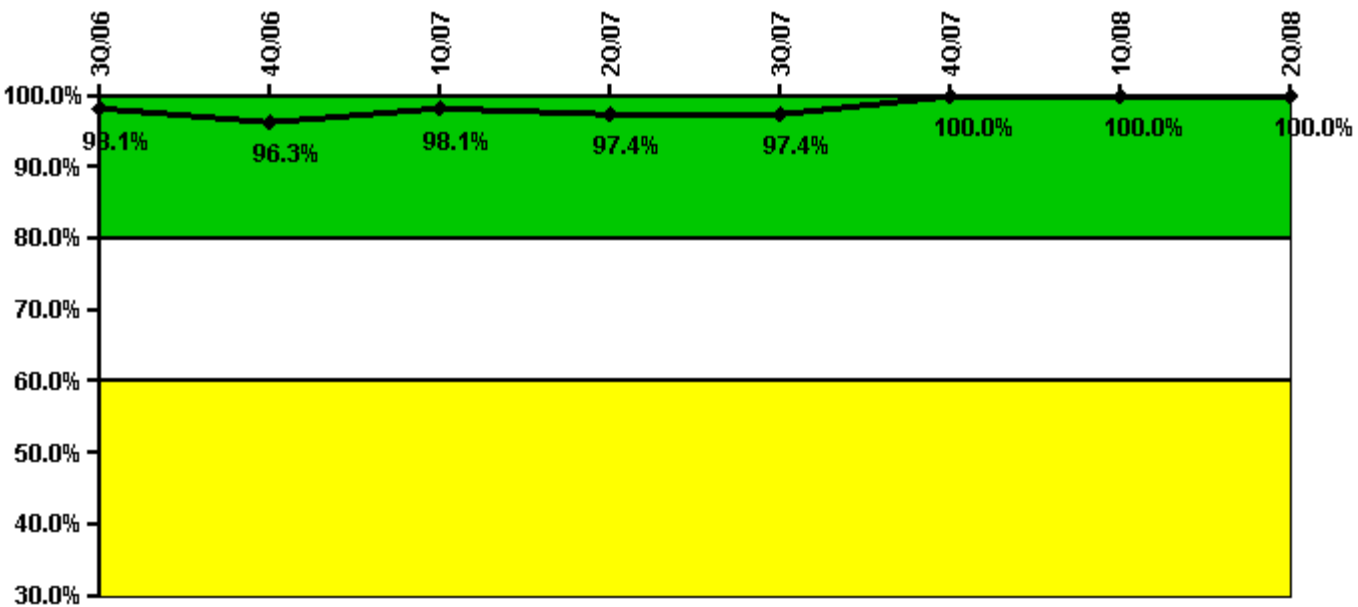
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	73.0	11.0	19.0	57.0	72.0	66.0	28.0	50.0
Total opportunities	73.0	14.0	20.0	58.0	75.0	71.0	28.0	54.0
Indicator value	96.7%	95.6%	96.2%	97.1%	96.6%	96.3%	96.5%	95.7%

Licensee Comments: none

ERO Drill Participation



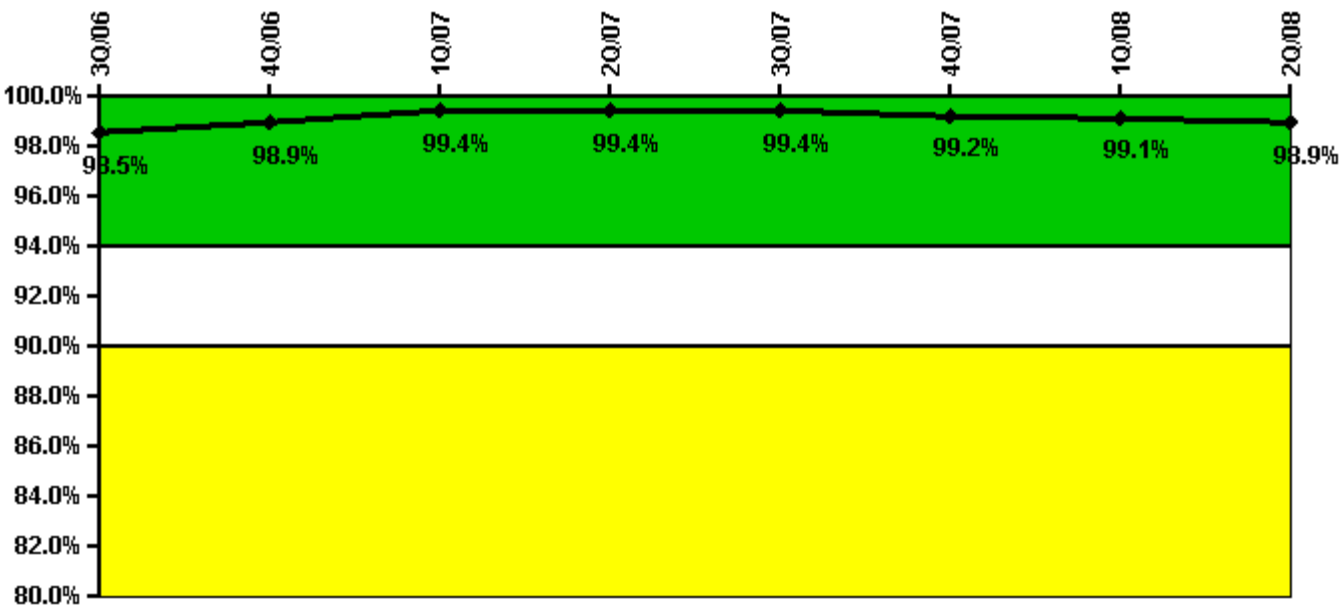
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	104.0	104.0	106.0	114.0	113.0	111.0	114.0	99.0
Total Key personnel	106.0	108.0	108.0	117.0	116.0	111.0	114.0	99.0
Indicator value	98.1%	96.3%	98.1%	97.4%	97.4%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



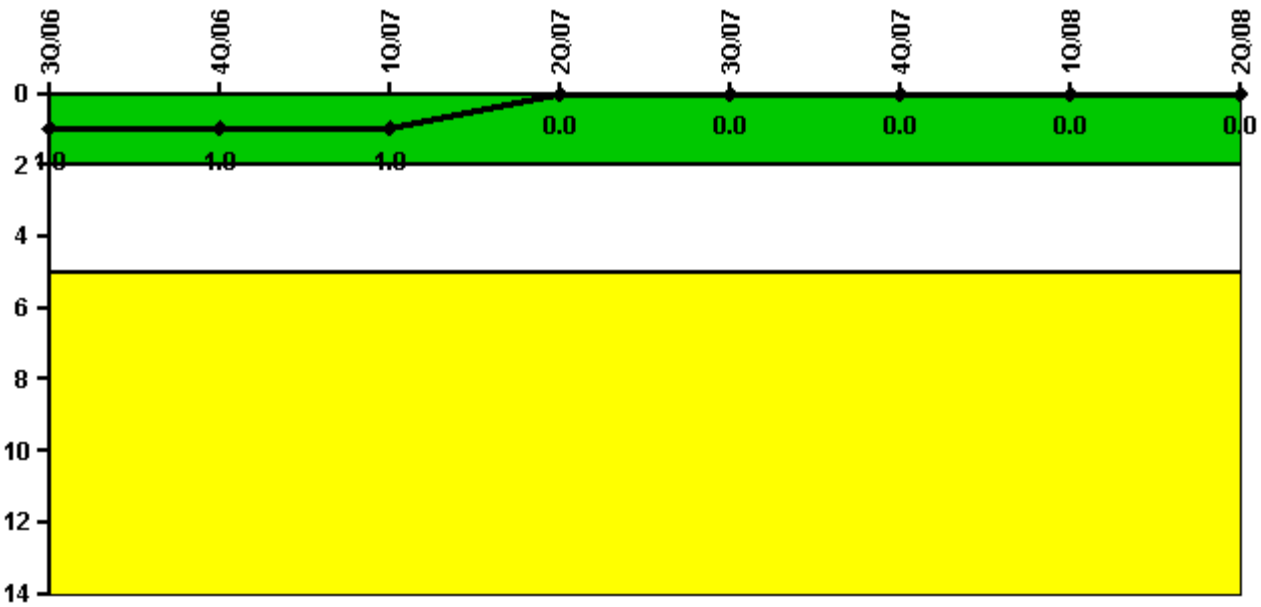
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	882	885	728	965	536	618	786	627
Total sirens-tests	888	888	732	974	540	625	793	637
Indicator value	98.5%	98.9%	99.4%	99.4%	99.4%	99.2%	99.1%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



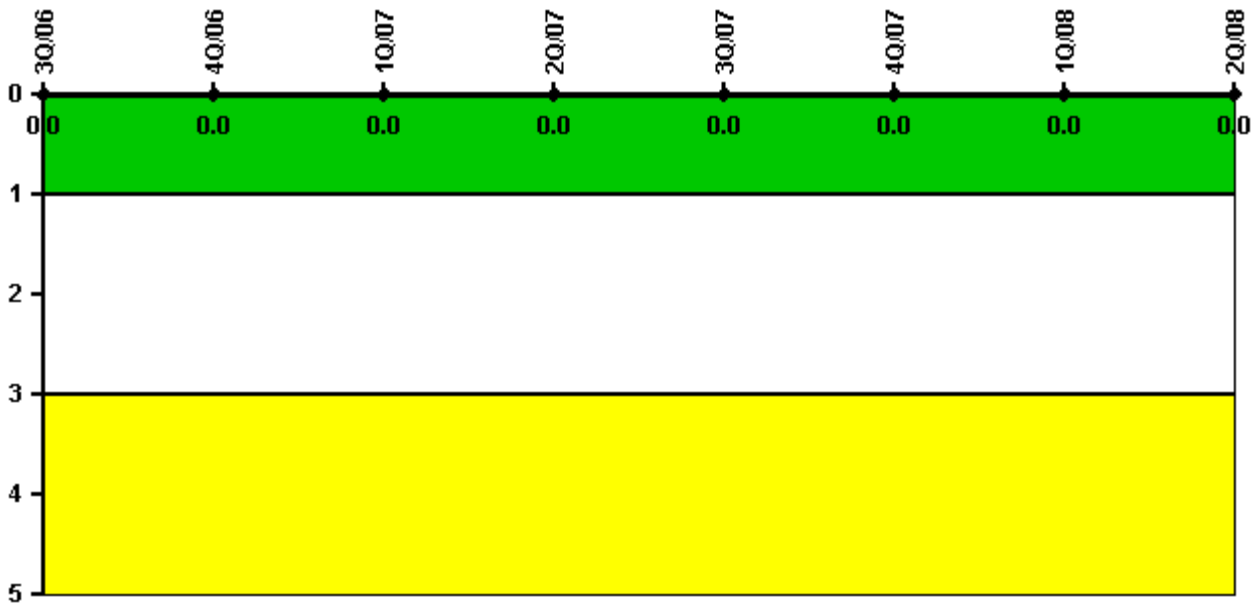
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
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	1	1	1	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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.