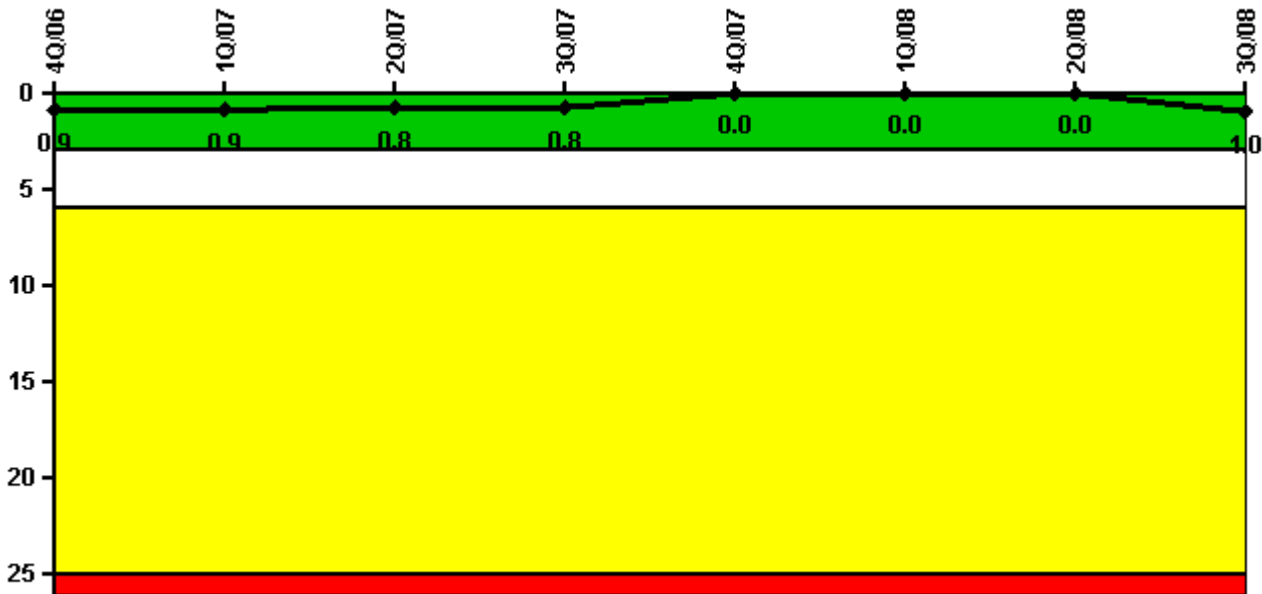


Diablo Canyon 2

3Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

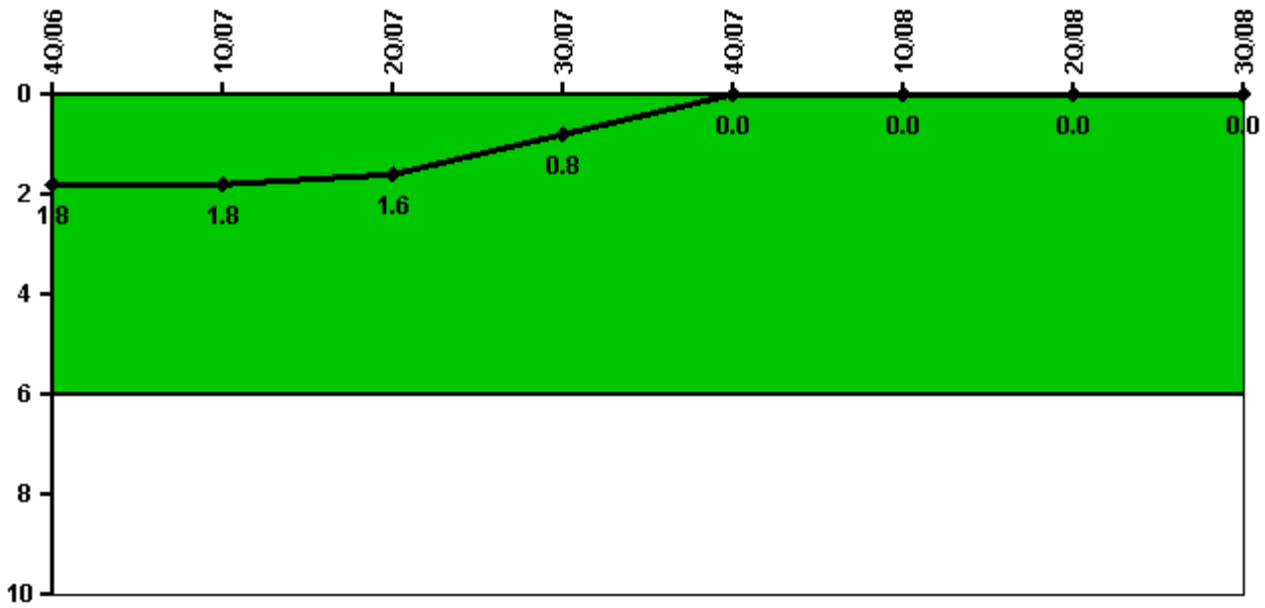
Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	1.0	0	0	0	0	0	0	1.0
Critical hours	2138.3	2159.0	2184.0	2208.0	2209.0	804.0	1930.3	1731.7
Indicator value	0.9	0.9	0.8	0.8	0	0	0	1.0

Licensee Comments:

3Q/08: On August 16, 2008, at 23:57 PDT a failed main electrical transformer "C" Phase bushing resulted in an Unit Trip and Automatic Reactor Protection System actuation.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

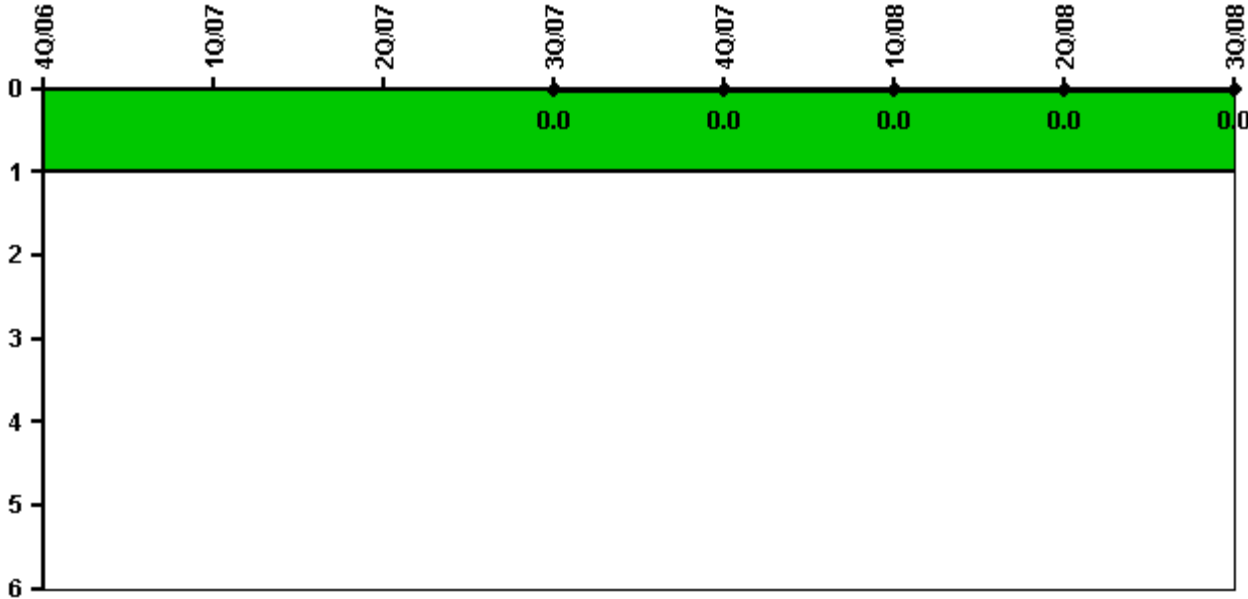
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2138.3	2159.0	2184.0	2208.0	2209.0	804.0	1930.3	1731.7
Indicator value	1.8	1.8	1.6	0.8	0	0	0	0

Licensee Comments:

3Q/08: On August 16, 2008, at 23:57 PDT a failed main electrical transformer "C" Phase bushing resulted in an Unit Trip and Automatic Reactor Protection System actuation.

Unplanned Scrams with Complications



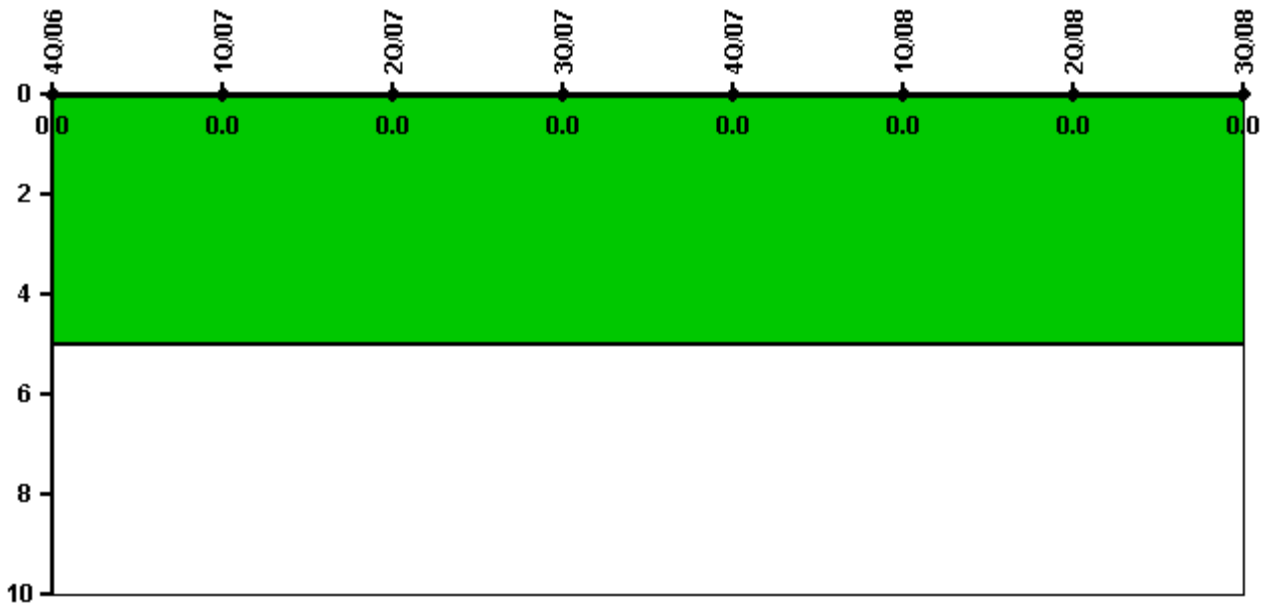
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



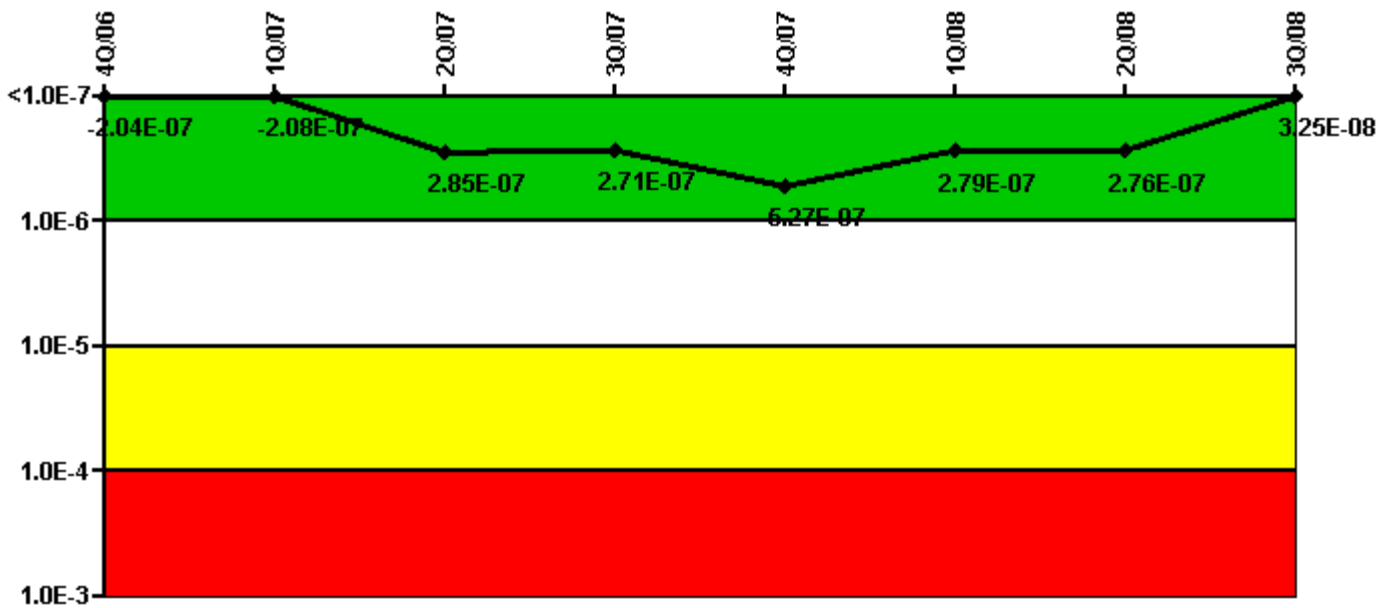
Thresholds: White > 5.0

Notes

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



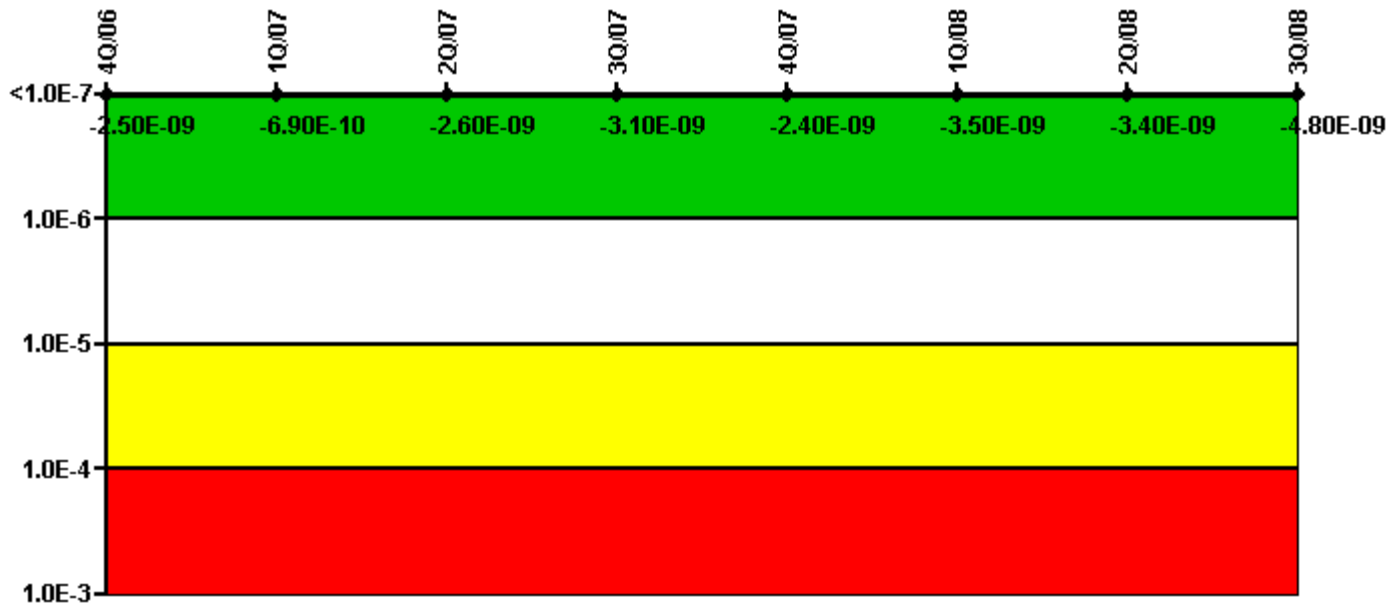
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	1.60E-08	1.20E-08	1.50E-08	1.20E-09	7.40E-09	9.40E-09	5.50E-09	3.50E-09
URI (ΔCDF)	-2.20E-07	-2.20E-07	2.70E-07	2.70E-07	5.20E-07	2.70E-07	2.70E-07	2.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.04E-07	-2.08E-07	2.85E-07	2.71E-07	5.27E-07	2.79E-07	2.76E-07	3.25E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



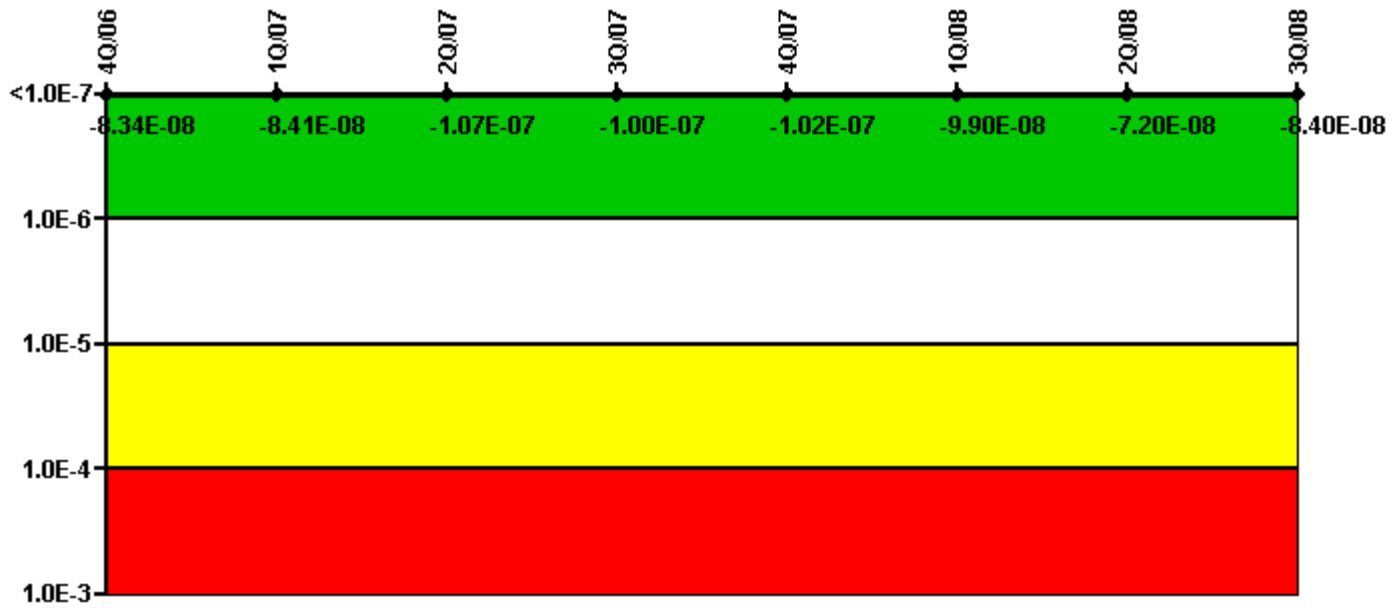
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-1.10E-09	7.10E-10	-1.20E-09	-1.70E-09	-1.00E-09	-2.10E-09	-2.00E-09	-3.40E-09
URI (Δ CDF)	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09	-1.40E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.50E-09	-6.90E-10	-2.60E-09	-3.10E-09	-2.40E-09	-3.50E-09	-3.40E-09	-4.80E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



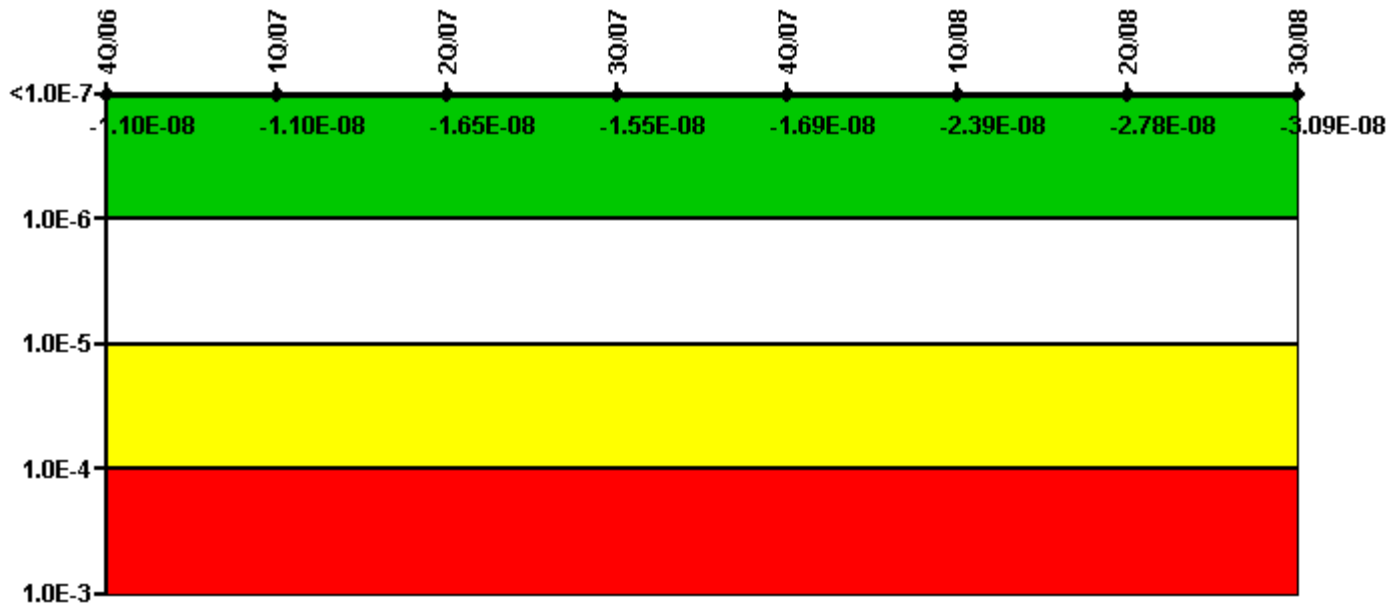
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	6.00E-10	-1.40E-10	-2.30E-08	-1.60E-08	-1.80E-08	-1.50E-08	1.20E-08	4.00E-09
URI (Δ CDF)	-8.40E-08	-8.40E-08	-8.40E-08	-8.40E-08	-8.40E-08	-8.40E-08	-8.40E-08	-8.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-8.34E-08	-8.41E-08	-1.07E-07	-1.00E-07	-1.02E-07	-9.90E-08	-7.20E-08	-8.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



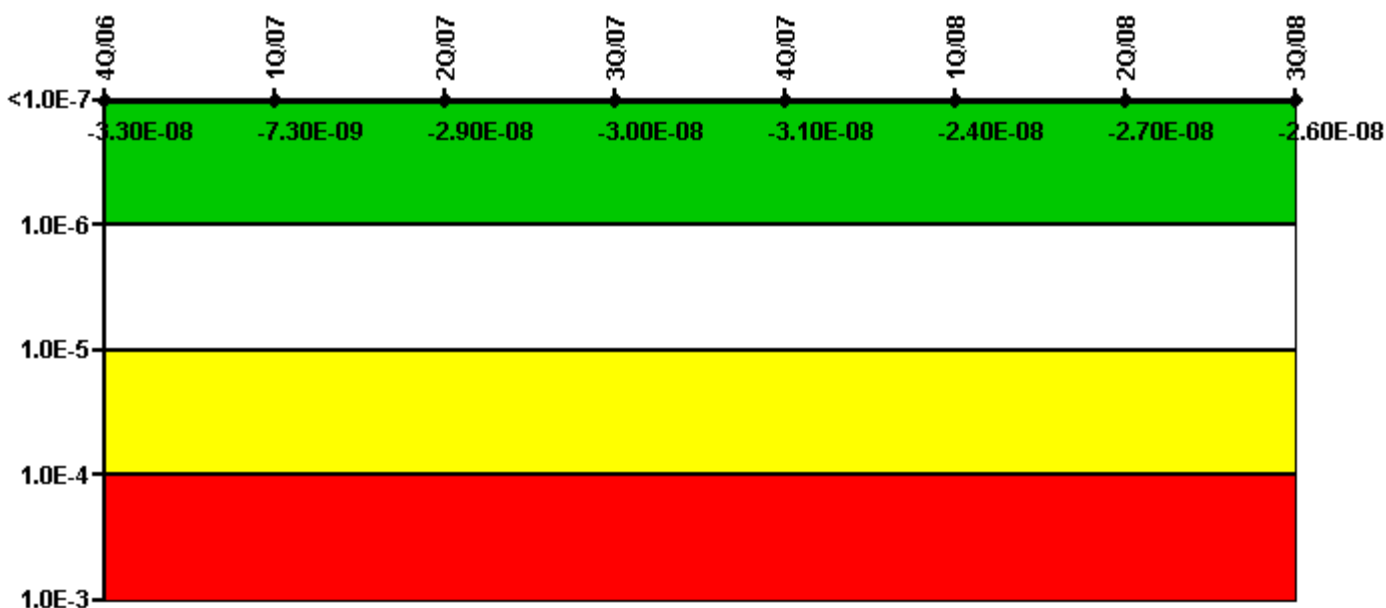
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	1.40E-08	1.40E-08	8.50E-09	9.50E-09	8.10E-09	1.10E-09	-2.80E-09	-5.90E-09
URI (Δ CDF)	-2.50E-08	-2.50E-08	-2.50E-08	-2.50E-08	-2.50E-08	-2.50E-08	-2.50E-08	-2.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.10E-08	-1.10E-08	-1.65E-08	-1.55E-08	-1.69E-08	-2.39E-08	-2.78E-08	-3.09E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



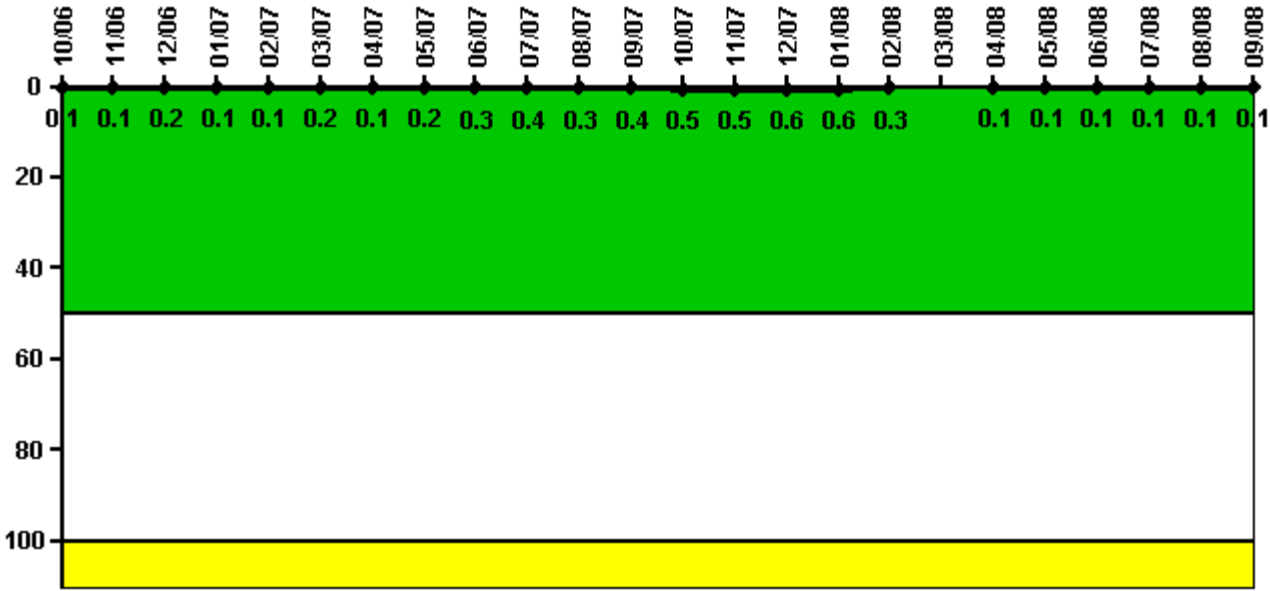
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	-1.80E-08	7.70E-09	-1.40E-08	-1.50E-08	-1.60E-08	-1.40E-08	-1.70E-08	-1.60E-08
URI (ΔCDF)	-1.50E-08	-1.50E-08	-1.50E-08	-1.50E-08	-1.50E-08	-1.00E-08	-1.00E-08	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.30E-08	-7.30E-09	-2.90E-08	-3.00E-08	-3.10E-08	-2.40E-08	-2.70E-08	-2.60E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

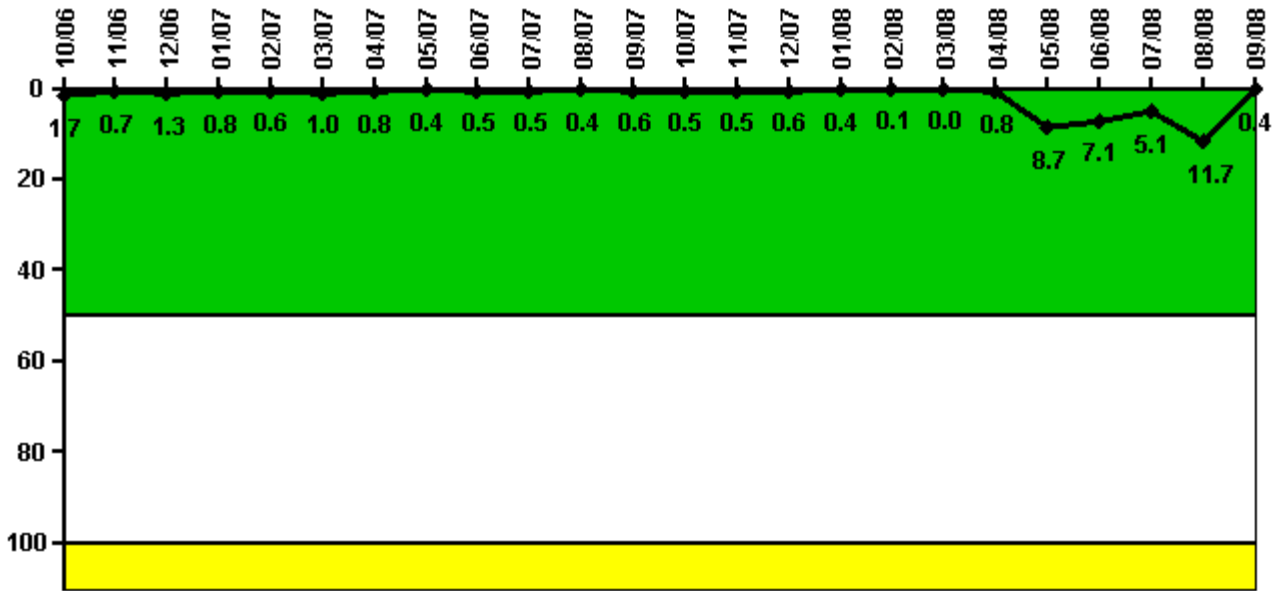
Notes

Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.000974	0.000747	0.002270	0.001070	0.001270	0.001810	0.001460	0.001590	0.002730	0.003520	0.003300	0.004000
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	0.2	0.1	0.1	0.2	0.1	0.2	0.3	0.4	0.3	0.4

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.004770	0.005300	0.005800	0.005770	0.003350	N/A	0.000626	0.000837	0.000944	0.001080	0.001190	0.001240
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	0.5	0.5	0.6	0.6	0.3	N/A	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



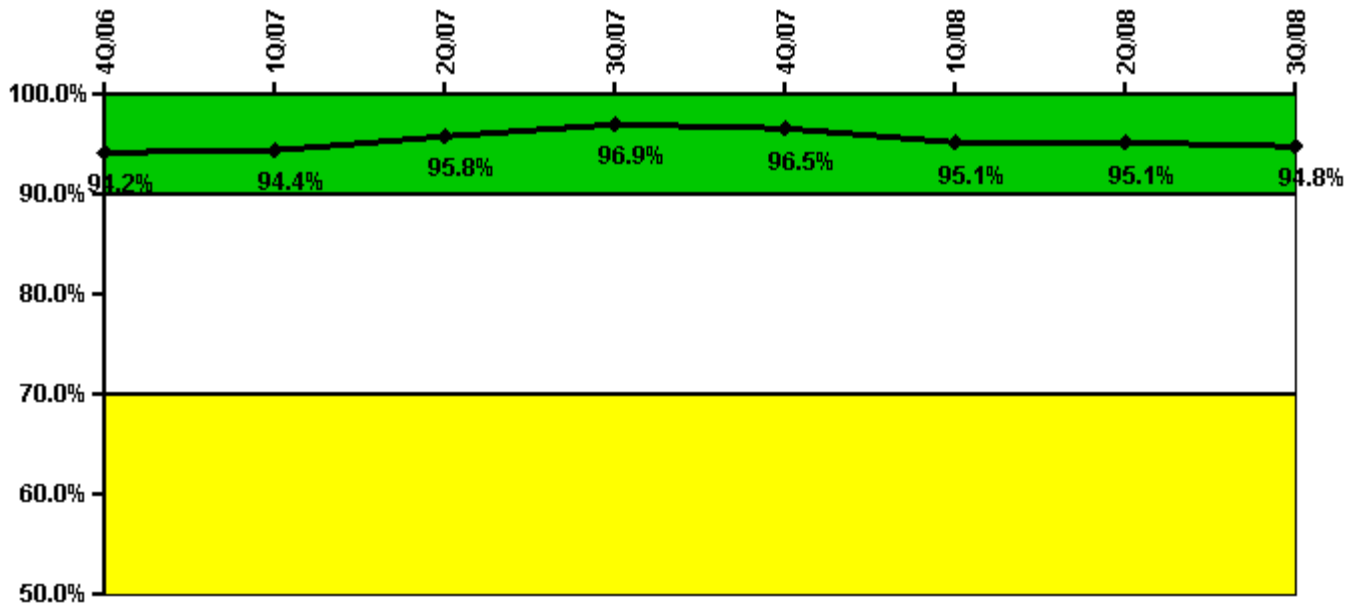
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.171	0.073	0.126	0.078	0.058	0.096	0.078	0.038	0.049	0.048	0.042	0.062
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	1.7	0.7	1.3	0.8	0.6	1.0	0.8	0.4	0.5	0.5	0.4	0.6
Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	0.046	0.054	0.058	0.044	0.008	0	0.077	0.868	0.709	0.513	1.170	0.040
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	0.5	0.5	0.6	0.4	0.1	0	0.8	8.7	7.1	5.1	11.7	0.4

Licensee Comments: none

Drill/Exercise Performance



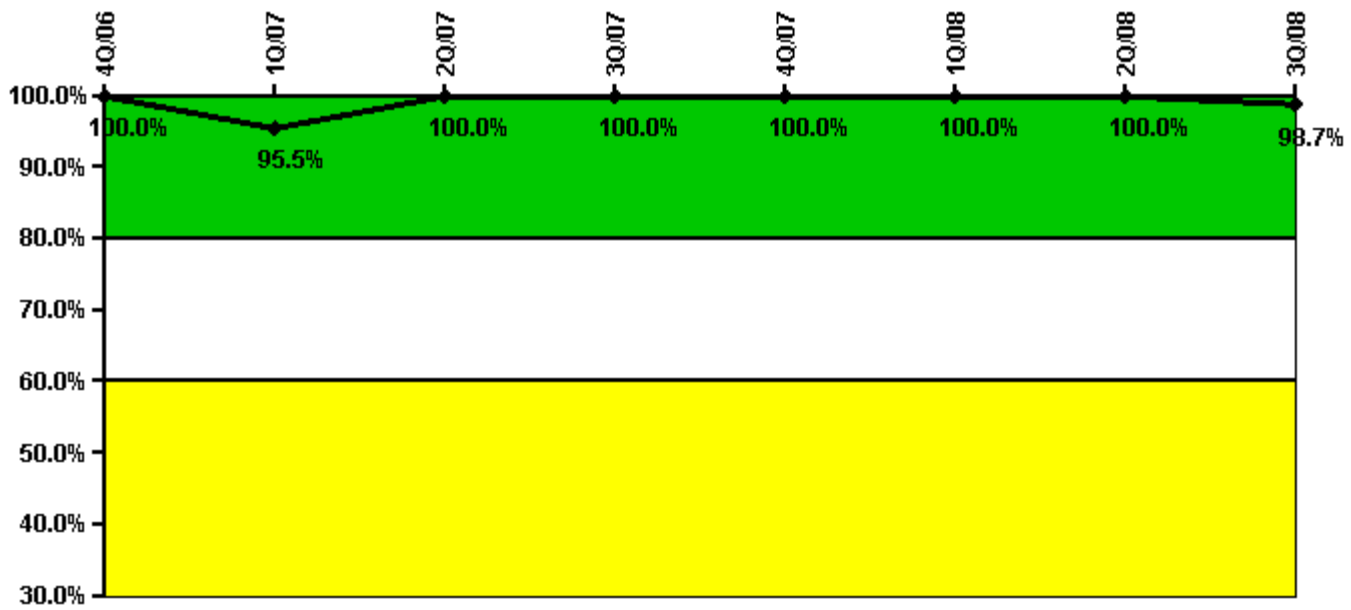
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	27.0	31.0	28.0	28.0	90.0	17.0	53.0	52.0
Total opportunities	31.0	31.0	28.0	33.0	90.0	18.0	56.0	57.0
Indicator value	94.2%	94.4%	95.8%	96.9%	96.5%	95.1%	95.1%	94.8%

Licensee Comments: none

ERO Drill Participation



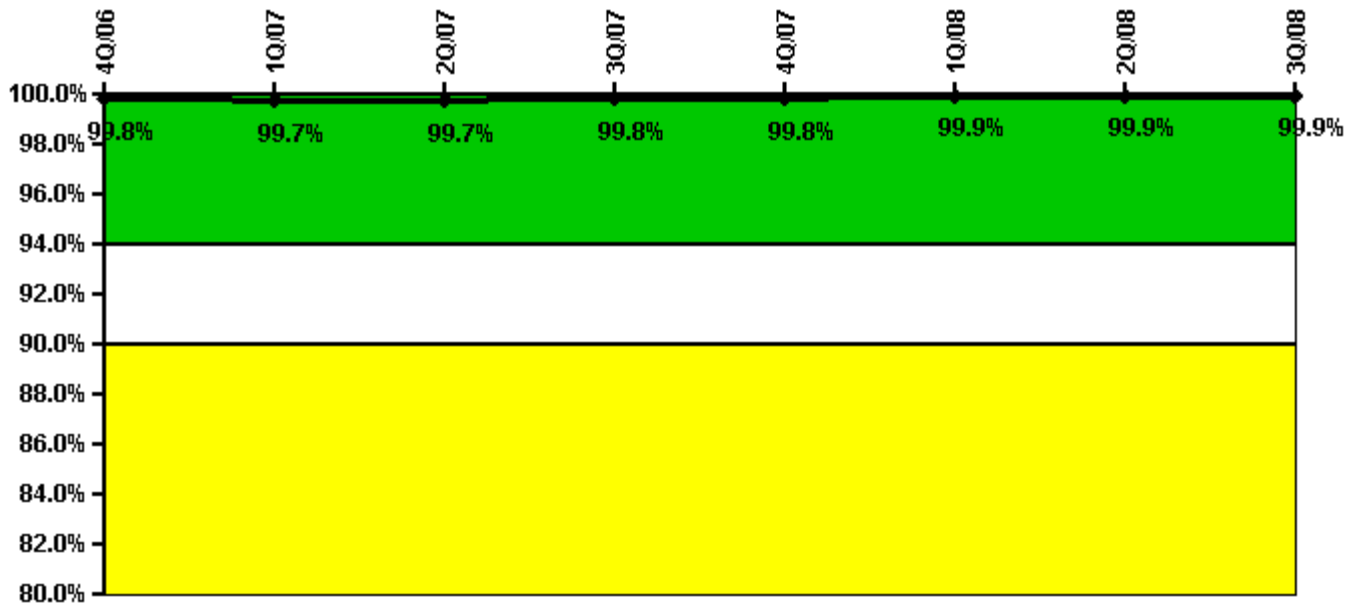
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	69.0	64.0	76.0	79.0	78.0	71.0	75.0	75.0
Total Key personnel	69.0	67.0	76.0	79.0	78.0	71.0	75.0	76.0
Indicator value	100.0%	95.5%	100.0%	100.0%	100.0%	100.0%	100.0%	98.7%

Licensee Comments: none

Alert & Notification System



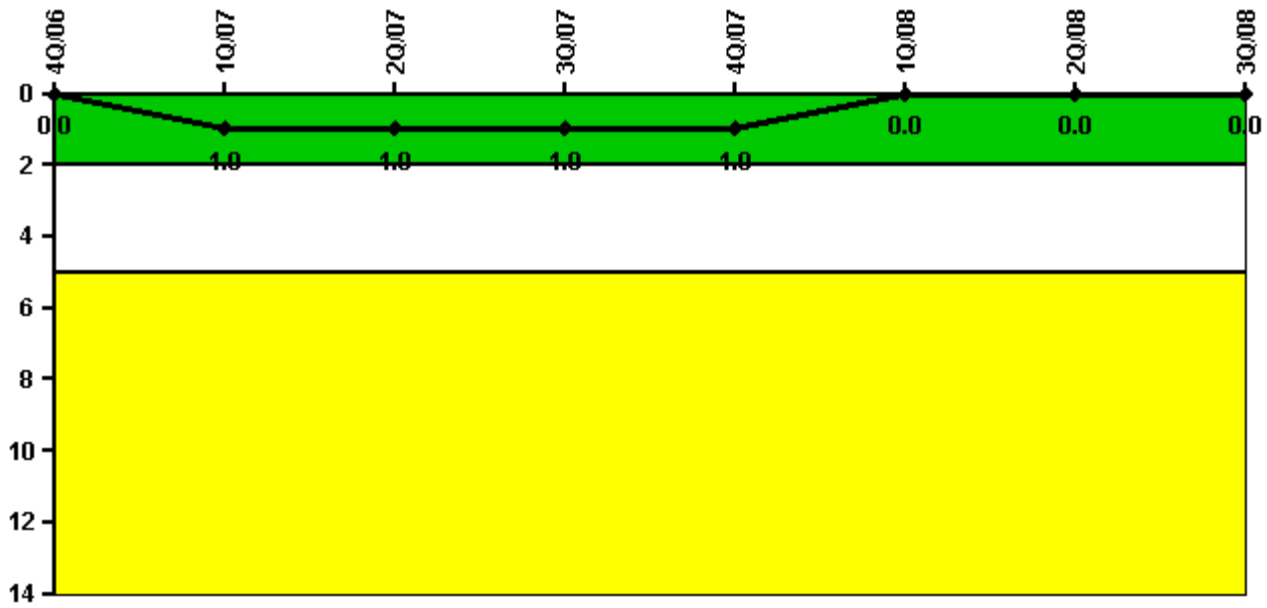
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	913	1045	916	1309	915	1048	916	1310
Total sirens-tests	917	1048	917	1310	917	1048	917	1310
Indicator value	99.8%	99.7%	99.7%	99.8%	99.8%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



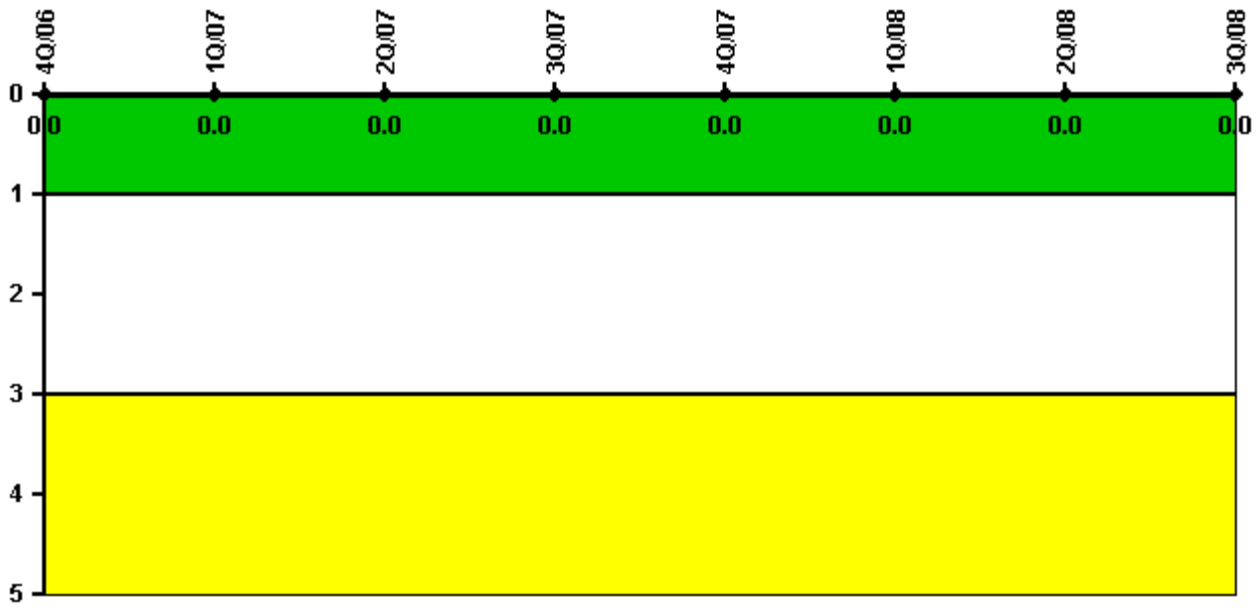
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	1	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/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

[Security](#) information not publicly available.