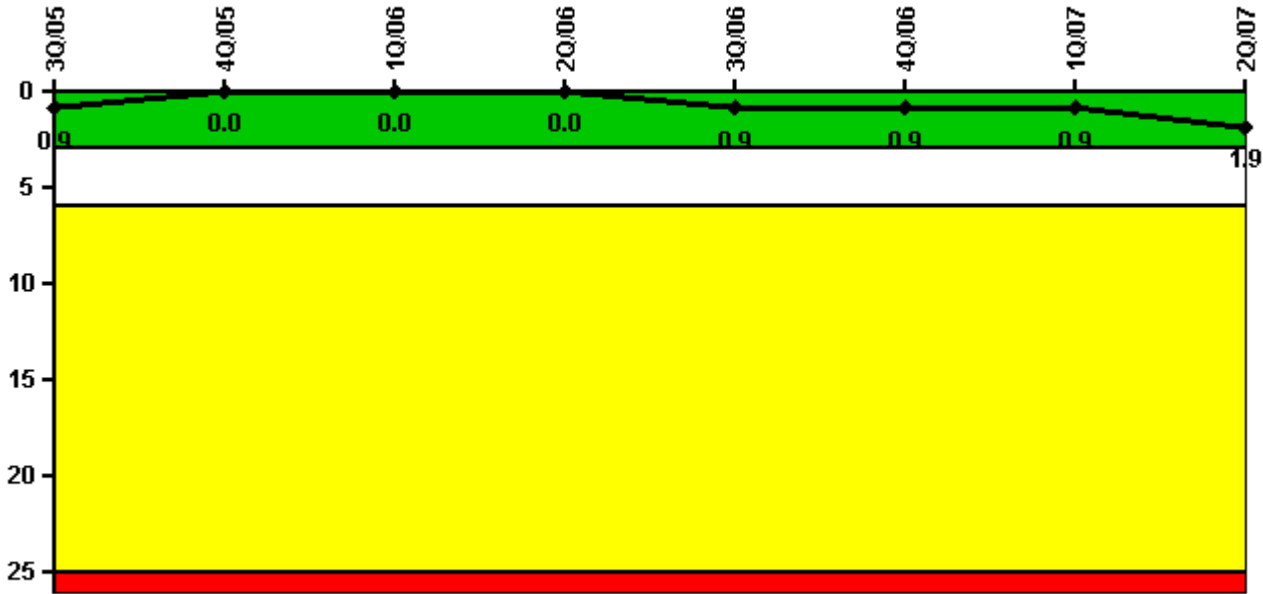


Vogtle 2

2Q/2007 Performance Indicators

Licensee's General Comments: A revision was made to 2Q06, 3Q06, 4Q06, and 1Q07 Unit 2 Heat Removal MSPI. Based on the time it takes to currently perform testing involving the Heat Removal system, a small adjustment was made to UAI to reflect the time it takes to perform the test. In addition, a revision was made to 1Q06 Drill Exercise Performance based on results of a white finding that determined a previously identified successful drill exercise was unsuccessful.

Unplanned Scrams per 7000 Critical Hrs



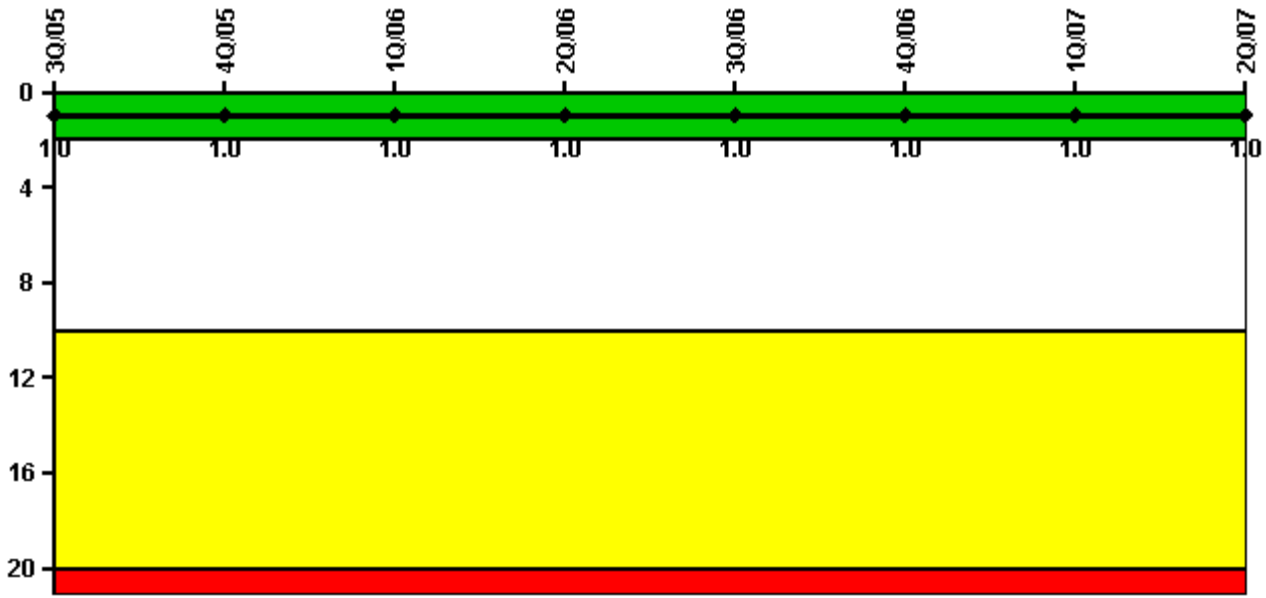
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned scrams	0	0	0	0	1.0	0	0	1.0
Critical hours	1900.5	1664.3	1619.3	2170.6	2088.0	2209.0	1490.0	1483.7
Indicator value	0.9	0	0	0	0.9	0.9	0.9	1.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



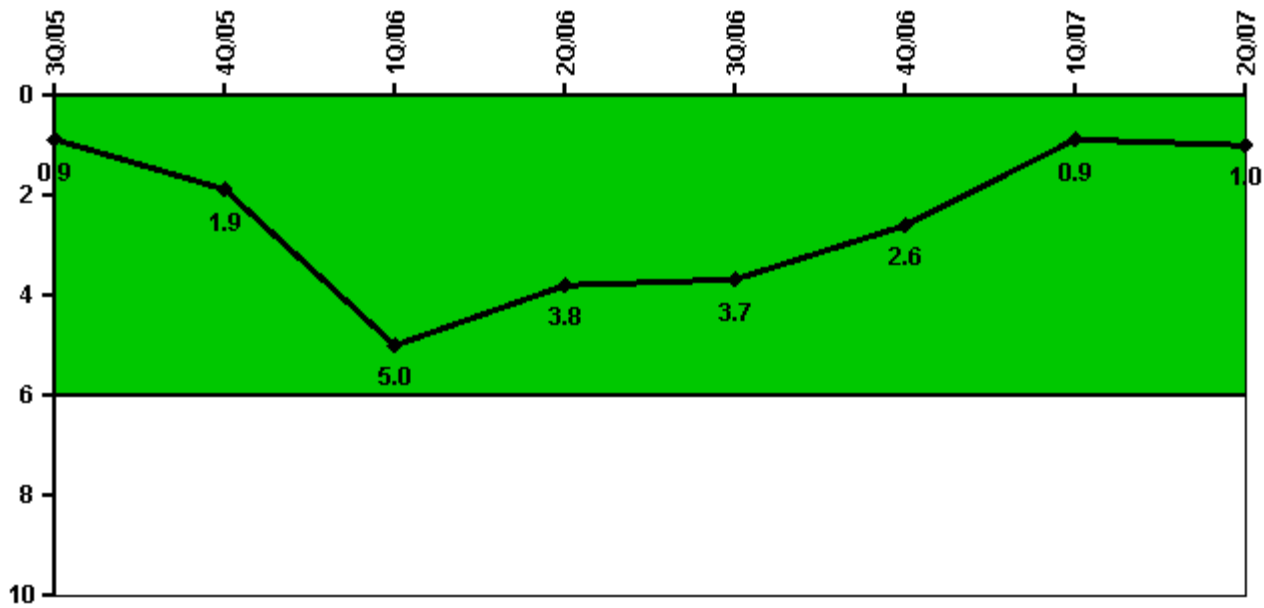
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



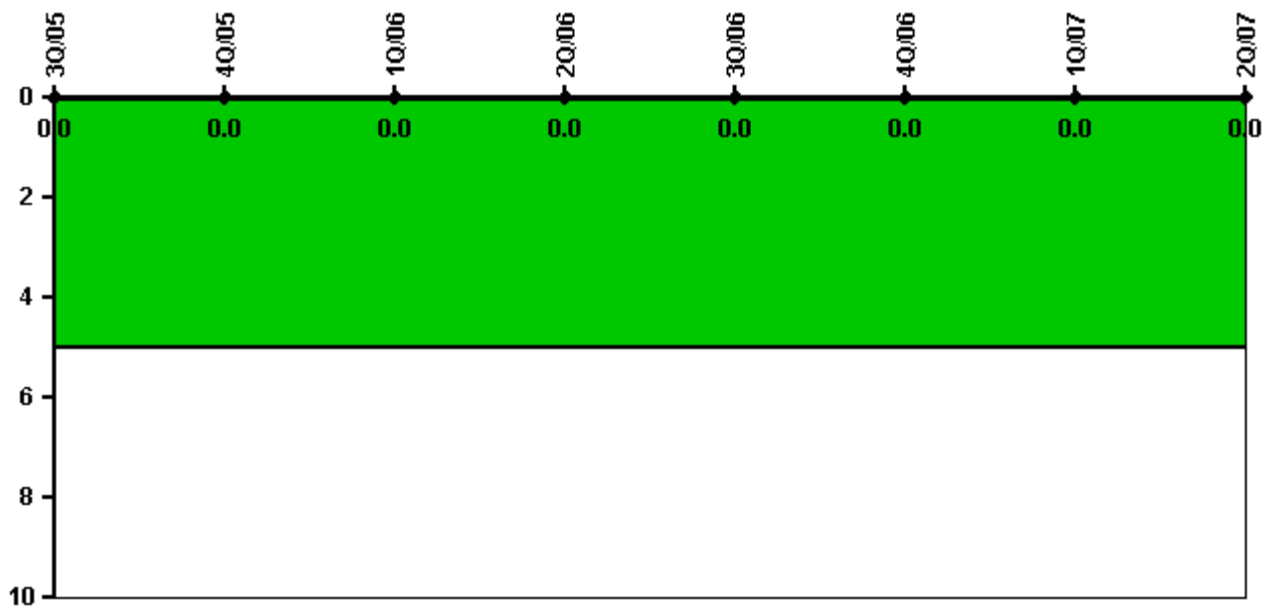
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	0	1.0	3.0	0	0	0	1.0	0
Critical hours	1900.5	1664.3	1619.3	2170.6	2088.0	2209.0	1490.0	1483.7
Indicator value	0.9	1.9	5.0	3.8	3.7	2.6	0.9	1.0

Licensee Comments: none

Safety System Functional Failures (PWR)



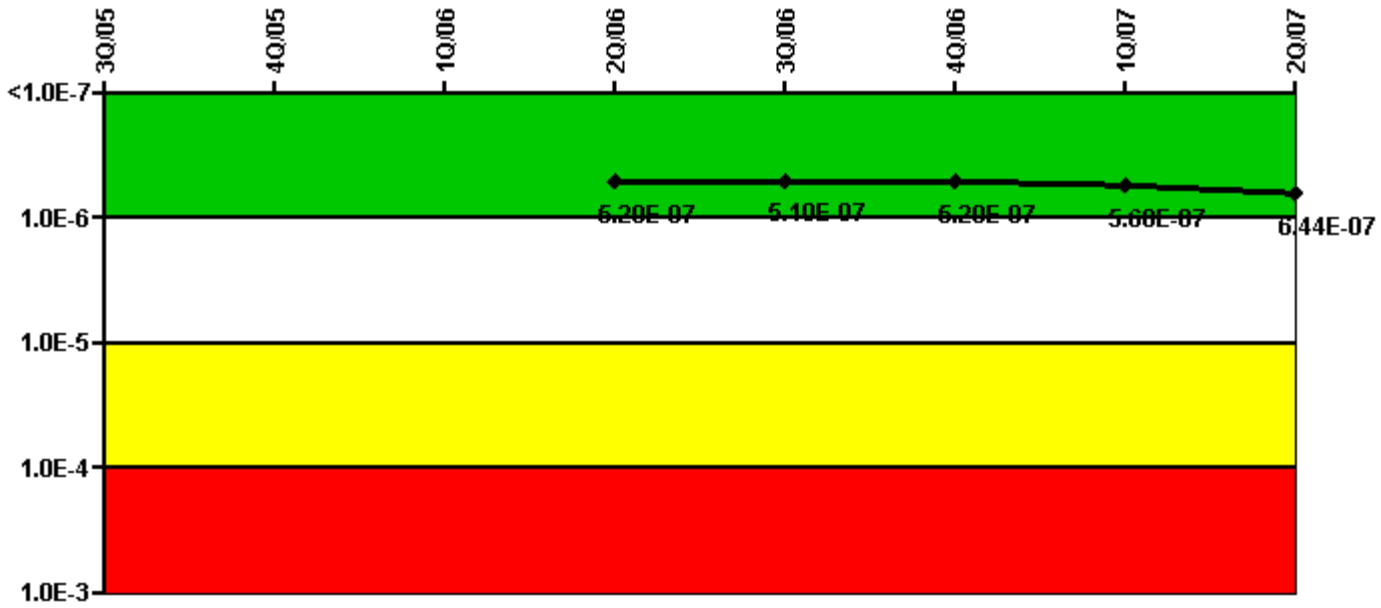
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
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



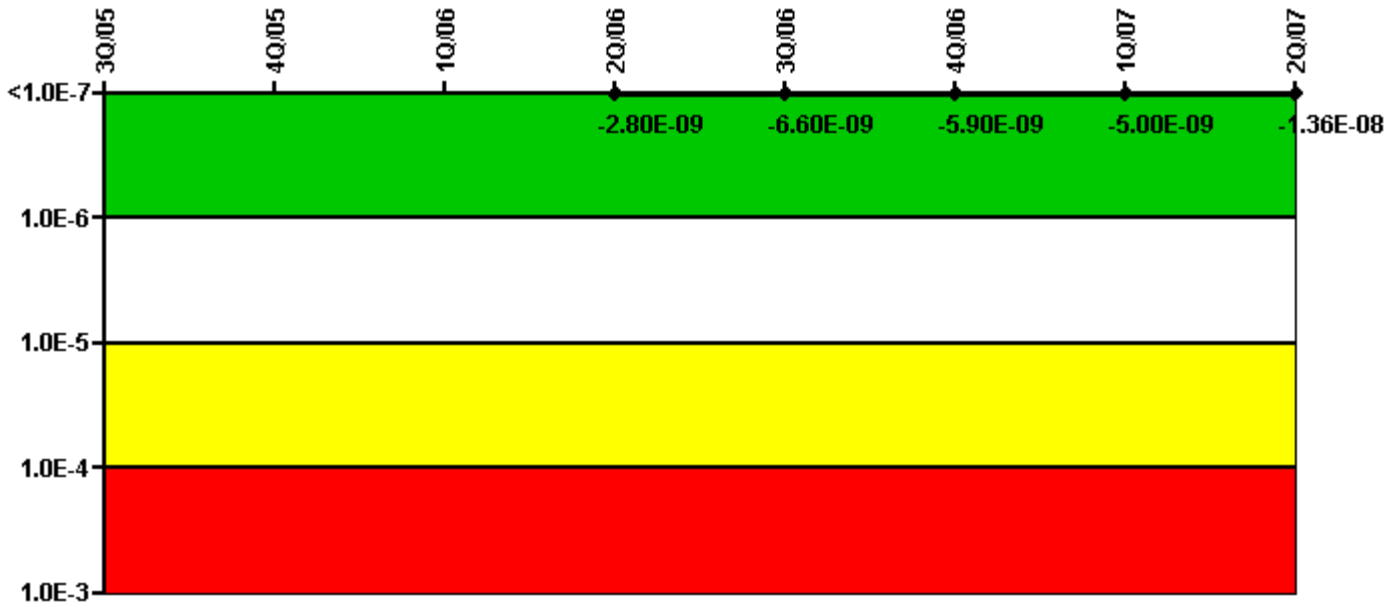
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-9.60E-08
URI (ΔCDF)				6.30E-07	6.20E-07	6.30E-07	6.70E-07	7.40E-07
PLE				NO	NO	NO	NO	NO
Indicator value				5.20E-07	5.10E-07	5.20E-07	5.60E-07	6.44E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



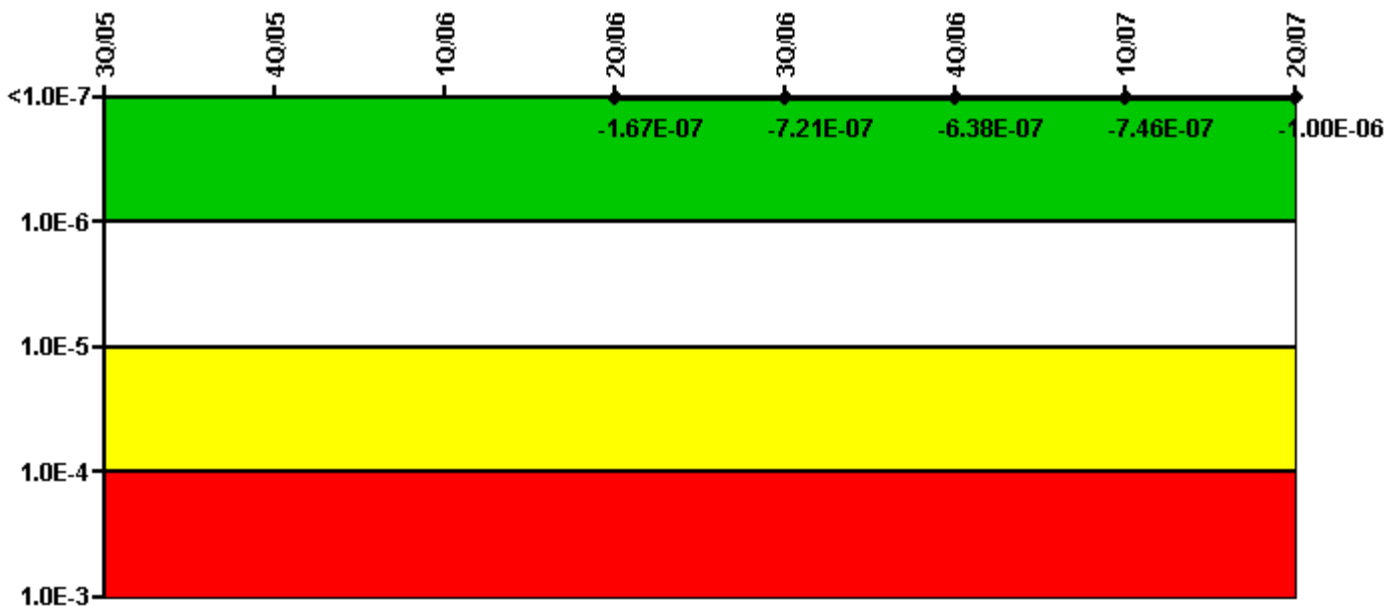
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				6.40E-09	2.90E-09	3.50E-09	4.60E-09	-3.60E-09
URI (Δ CDF)				-9.20E-09	-9.50E-09	-9.40E-09	-9.60E-09	-1.00E-08
PLE				NO	NO	NO	NO	NO
Indicator value				-2.80E-09	-6.60E-09	-5.90E-09	-5.00E-09	-1.36E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



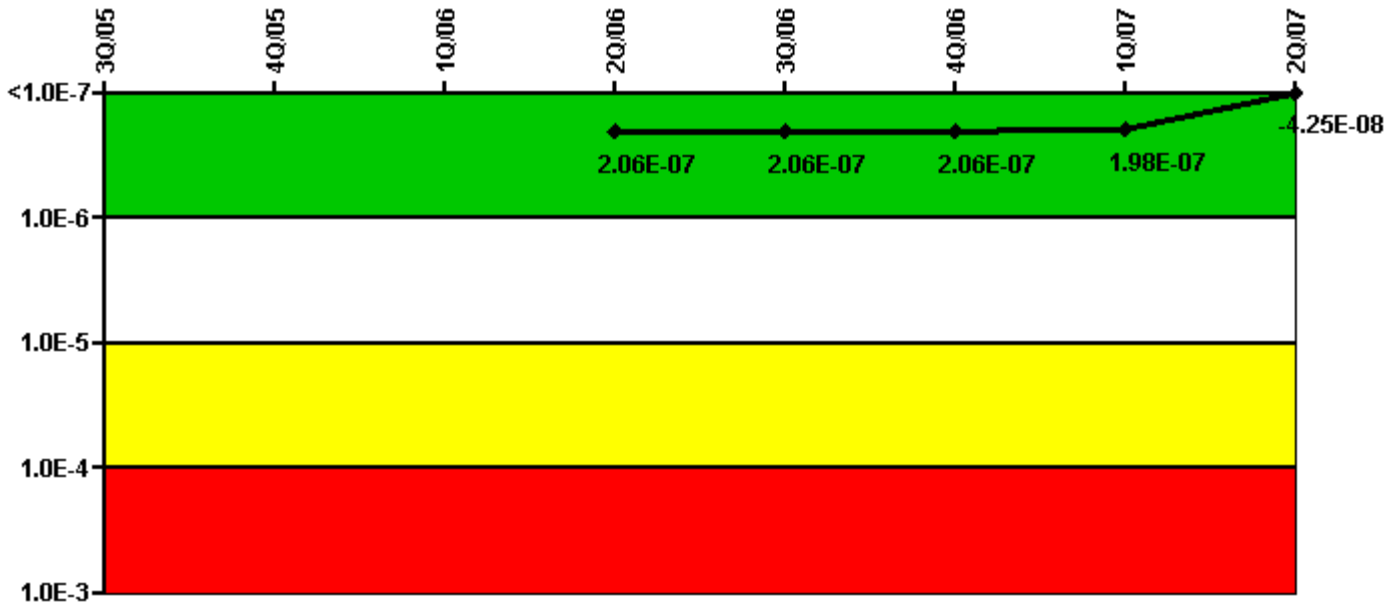
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				-6.80E-08	-7.10E-08	1.20E-08	-8.60E-08	-1.20E-07
URI (Δ CDF)				-9.90E-08	-6.50E-07	-6.50E-07	-6.60E-07	-8.80E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-1.67E-07	-7.21E-07	-6.38E-07	-7.46E-07	-1.00E-06

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



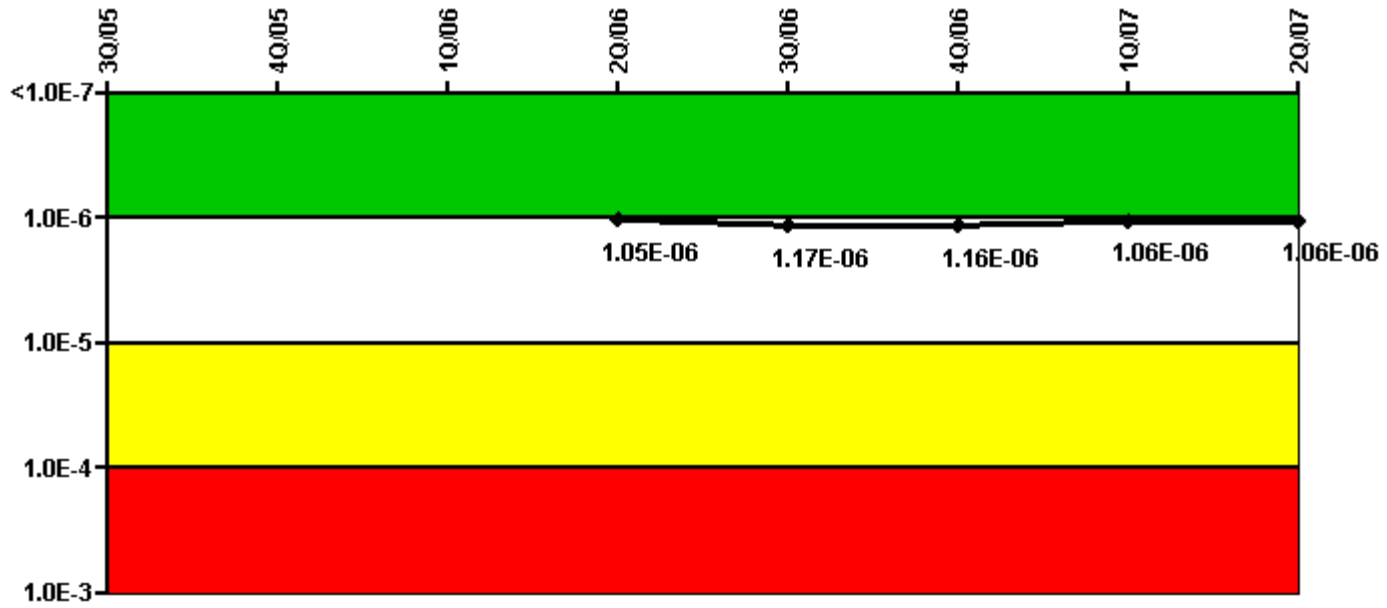
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				6.20E-09	6.10E-09	6.10E-09	7.60E-09	-4.50E-09
URI (Δ CDF)				2.00E-07	2.00E-07	2.00E-07	1.90E-07	-3.80E-08
PLE				NO	NO	NO	NO	NO
Indicator value				2.06E-07	2.06E-07	2.06E-07	1.98E-07	-4.25E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

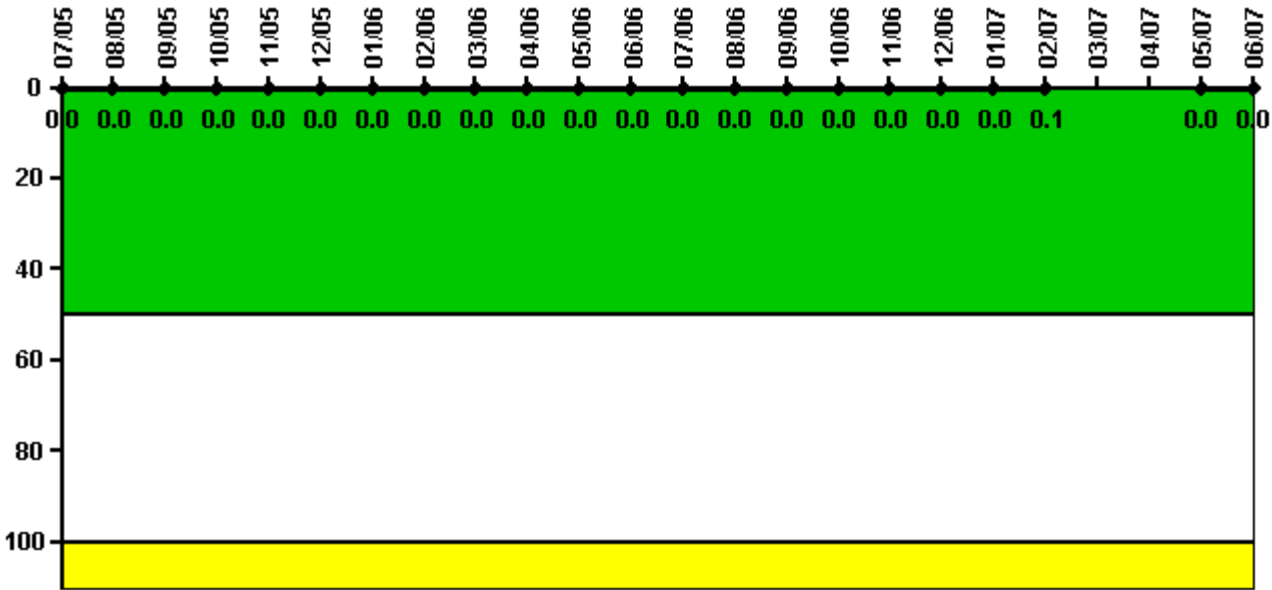
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				6.70E-08	6.70E-08	5.60E-08	6.00E-08	6.00E-08
URI (Δ CDF)				9.80E-07	1.10E-06	1.10E-06	1.00E-06	1.00E-06
PLE				NO	NO	NO	NO	NO
Indicator value				1.05E-06	1.17E-06	1.16E-06	1.06E-06	1.06E-06

Licensee Comments:

2Q/07: Risk Cap Invoked.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

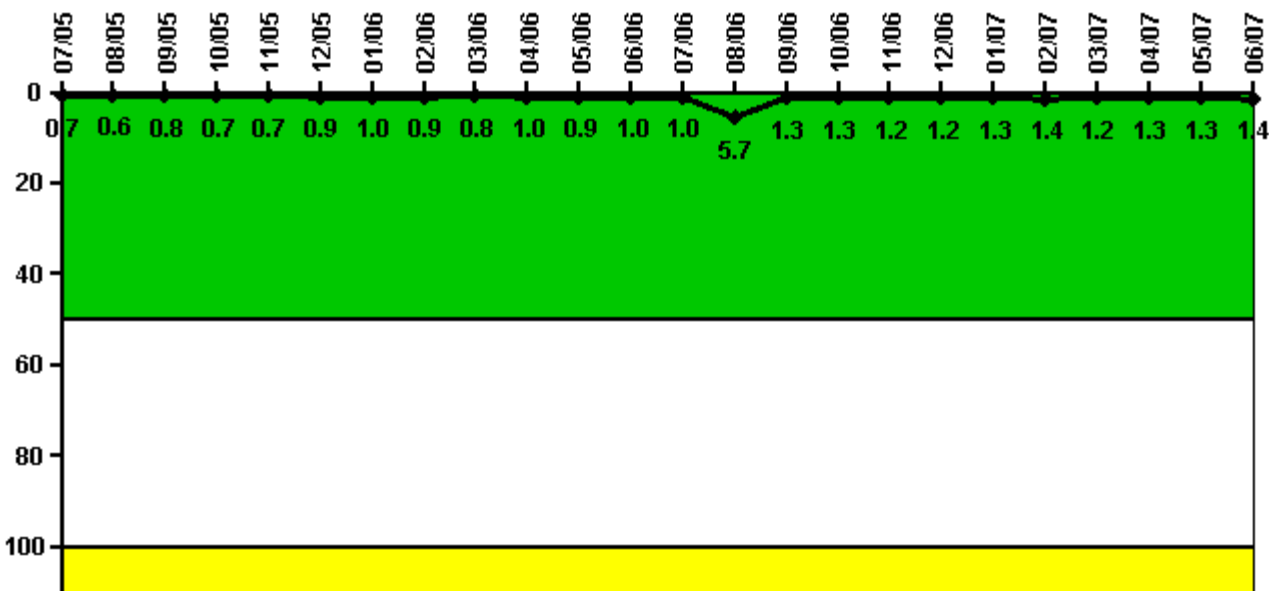
Notes

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.000377	0.000378	0.000386	0.000191	0.000210	0.000200	0.000234	0.000225	0.000233	0.000183	0.000210	0.000157
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	0	0	0	0	0	0	0	0	0	0	0

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	0.000163	0.000241	0.000175	0.000181	0.000184	0.000194	0.000266	0.000948	N/A	N/A	0.000187	0.000177
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	0	0	0	0	0	0	0.1	N/A	N/A	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

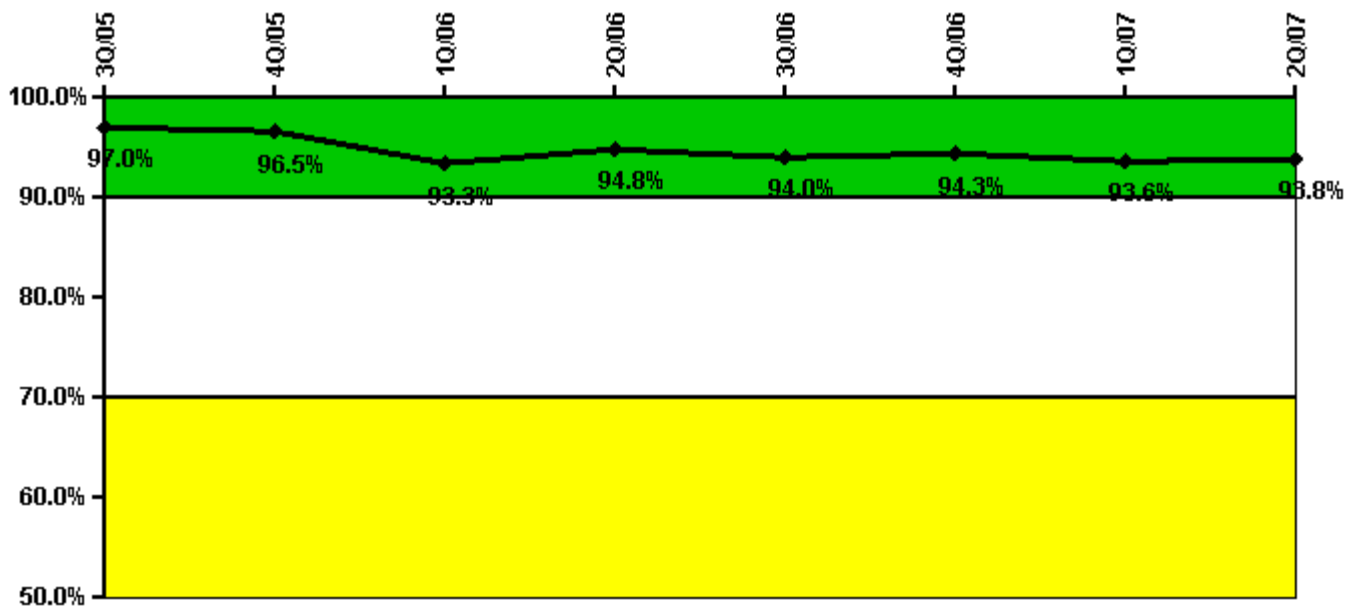
Notes

Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	0.067	0.063	0.078	0.067	0.074	0.088	0.095	0.085	0.082	0.096	0.094	0.103
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	0.6	0.8	0.7	0.7	0.9	1.0	0.9	0.8	1.0	0.9	1.0

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	0.102	0.566	0.129	0.125	0.117	0.123	0.128	0.139	0.124	0.133	0.131	0.143
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	1.0	5.7	1.3	1.3	1.2	1.2	1.3	1.4	1.2	1.3	1.3	1.4

Licensee Comments: none

Drill/Exercise Performance



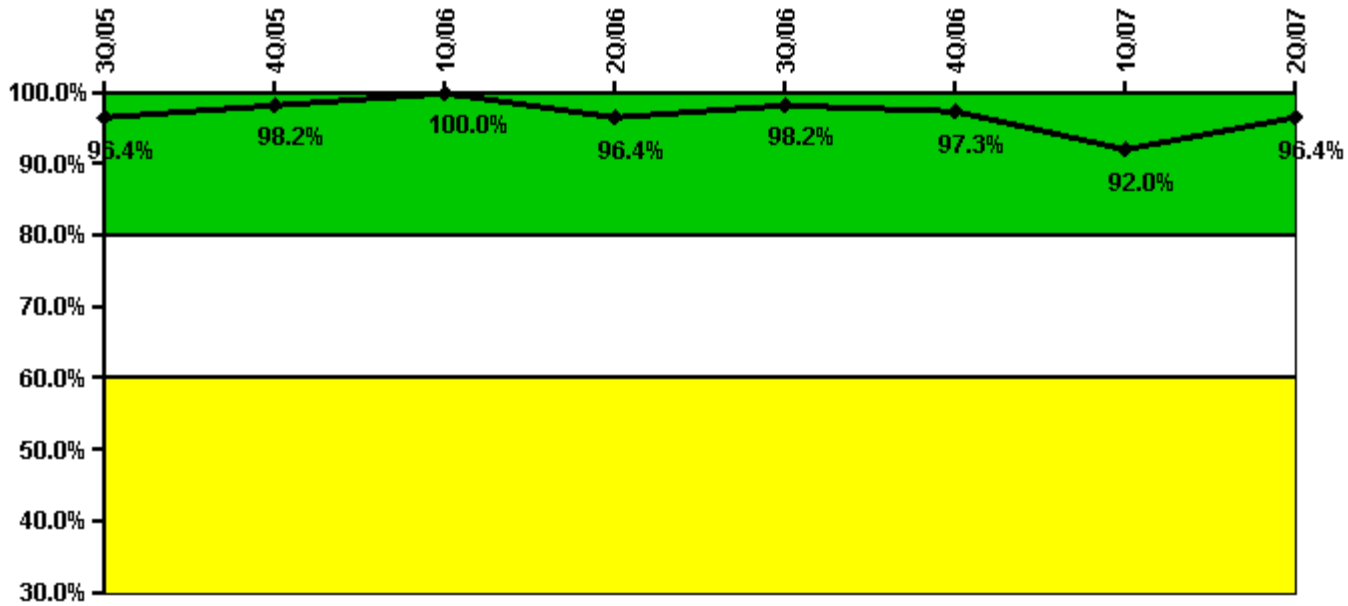
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	52.0	37.0	85.0	100.0	104.0	27.0	31.0	49.0
Total opportunities	52.0	39.0	98.0	100.0	112.0	28.0	38.0	50.0
Indicator value	97.0%	96.5%	93.3%	94.8%	94.0%	94.3%	93.6%	93.8%

Licensee Comments: none

ERO Drill Participation



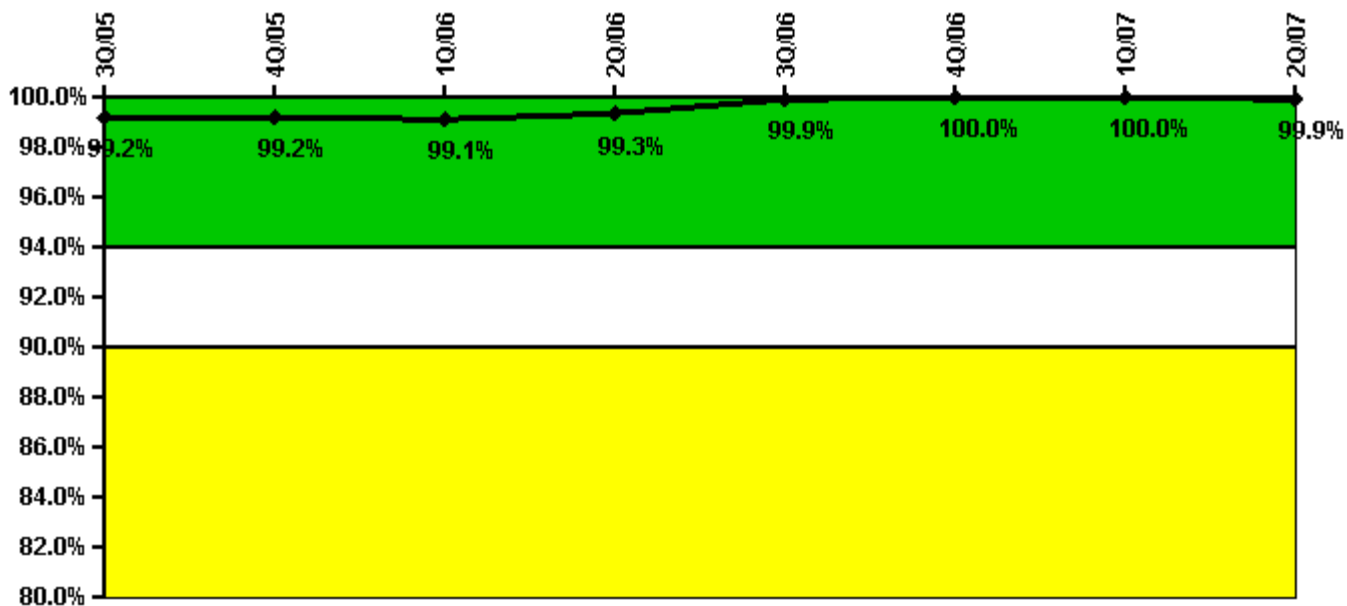
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	106.0	111.0	110.0	108.0	111.0	108.0	104.0	107.0
Total Key personnel	110.0	113.0	110.0	112.0	113.0	111.0	113.0	111.0
Indicator value	96.4%	98.2%	100.0%	96.4%	98.2%	97.3%	92.0%	96.4%

Licensee Comments: none

Alert & Notification System



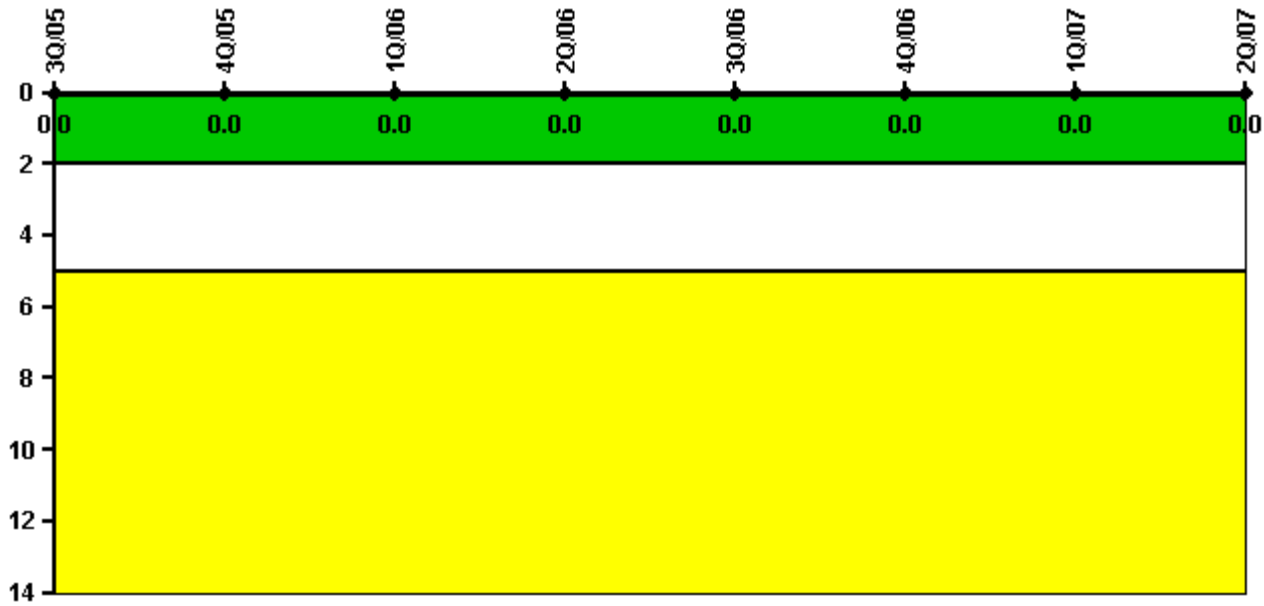
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	596	610	610	611	611	611	610	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	99.2%	99.2%	99.1%	99.3%	99.9%	100.0%	100.0%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



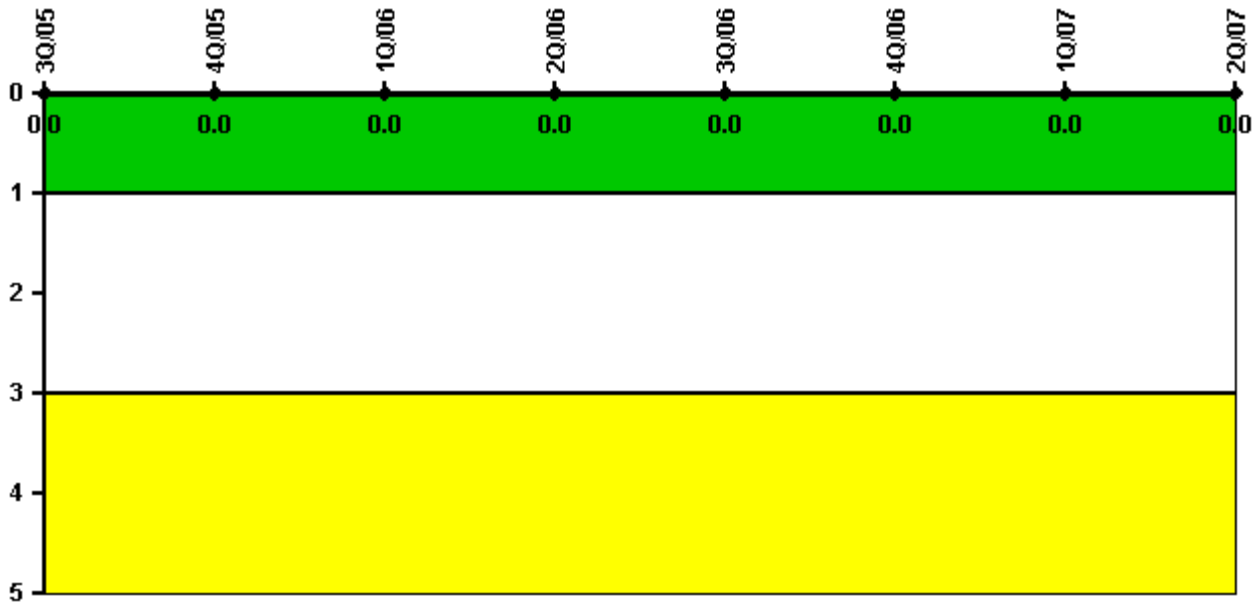
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
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/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
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.