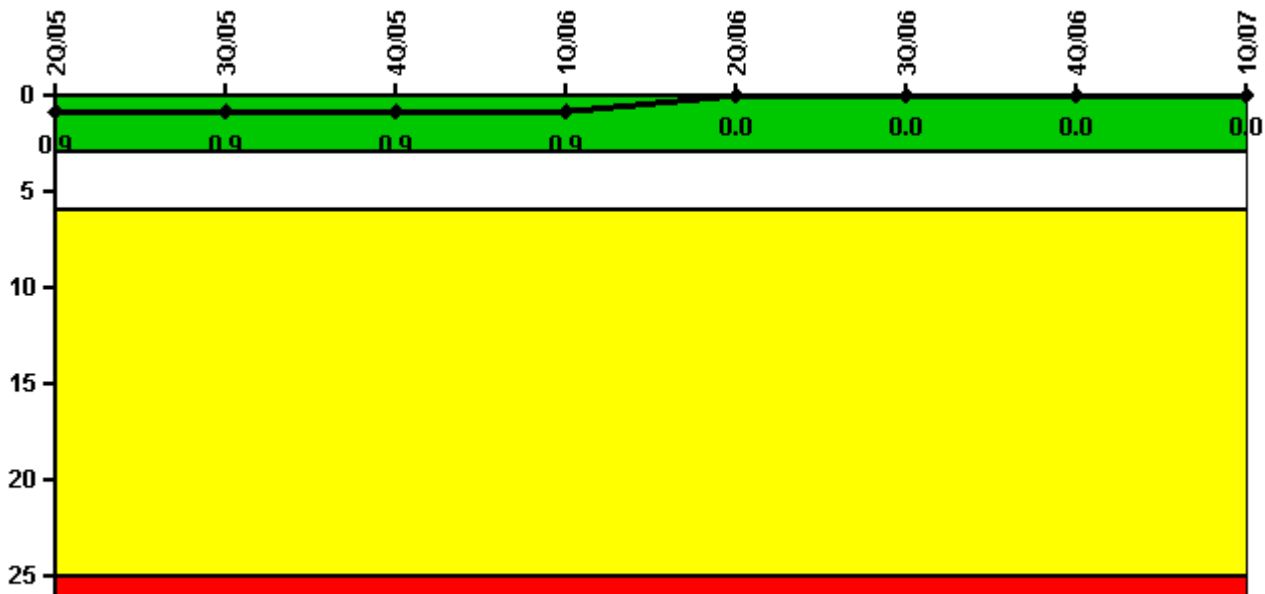


D.C. Cook 1

1Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



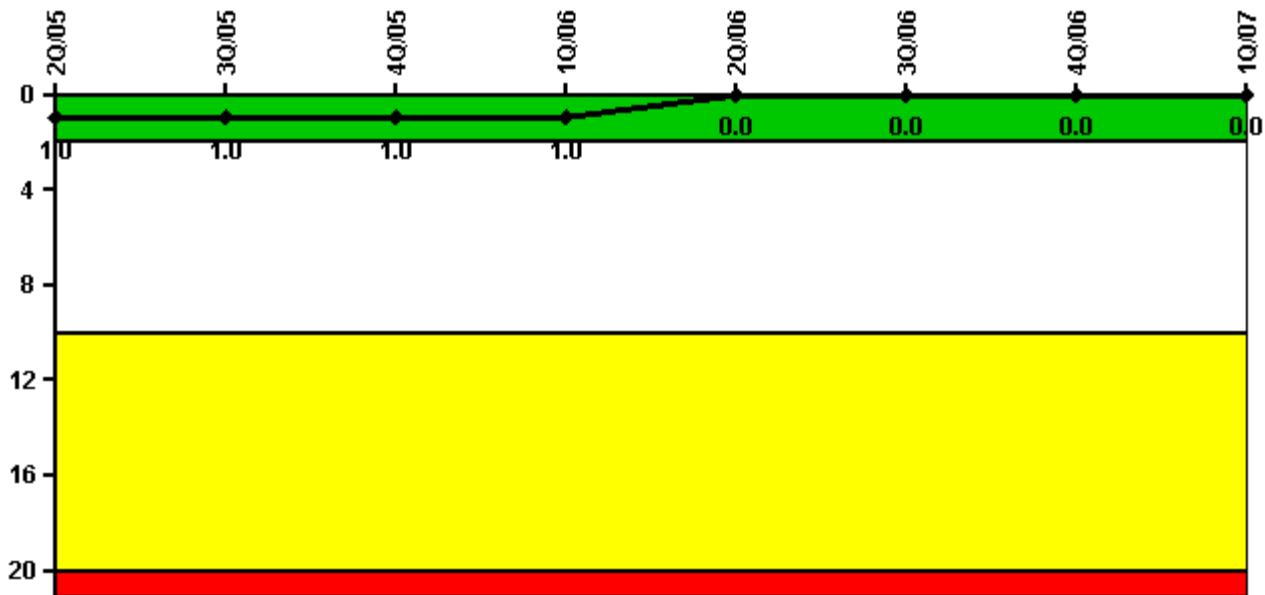
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	1584.6	2190.6	2209.0	2160.0	2183.0	1770.8	1244.3	2159.0
Indicator value	0.9	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



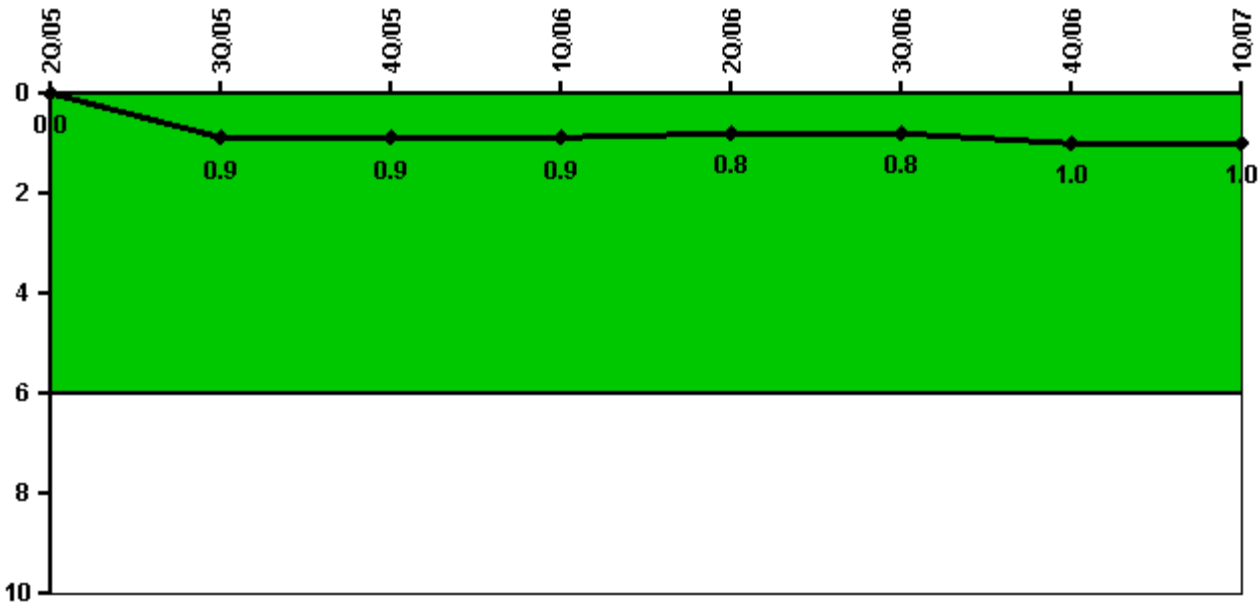
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

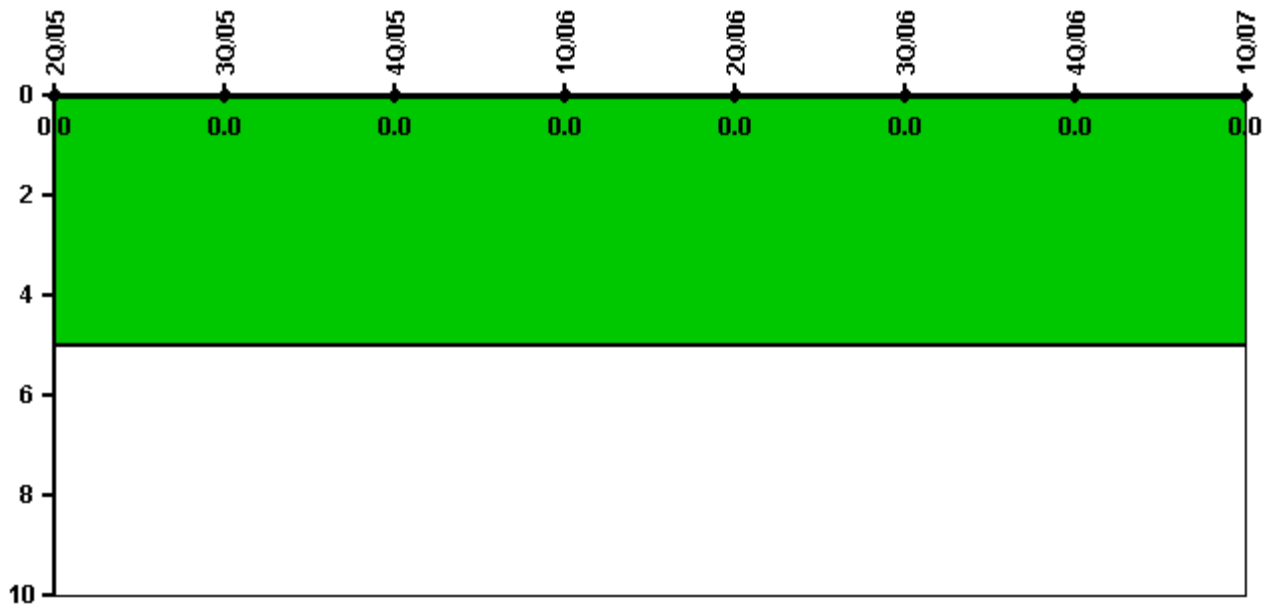
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	1.0	0	0	0	1.0	0	0
Critical hours	1584.6	2190.6	2209.0	2160.0	2183.0	1770.8	1244.3	2159.0
Indicator value	0	0.9	0.9	0.9	0.8	0.8	1.0	1.0

Licensee Comments:

3Q/06: On July 30, 2006, the Donald C. Cook Nuclear Plant (CNP) Unit 1 was shutdown. This shutdown was evaluated against this performance indicator in accordance with the guidance contained in NEI 99-02. This evaluation incorrectly determined the event did not count against this performance indicator. Subsequently, based on input received from the NRC resident inspection team CNP determined this event should be counted and this performance indicator has been updated to reflect this change.

Safety System Functional Failures (PWR)



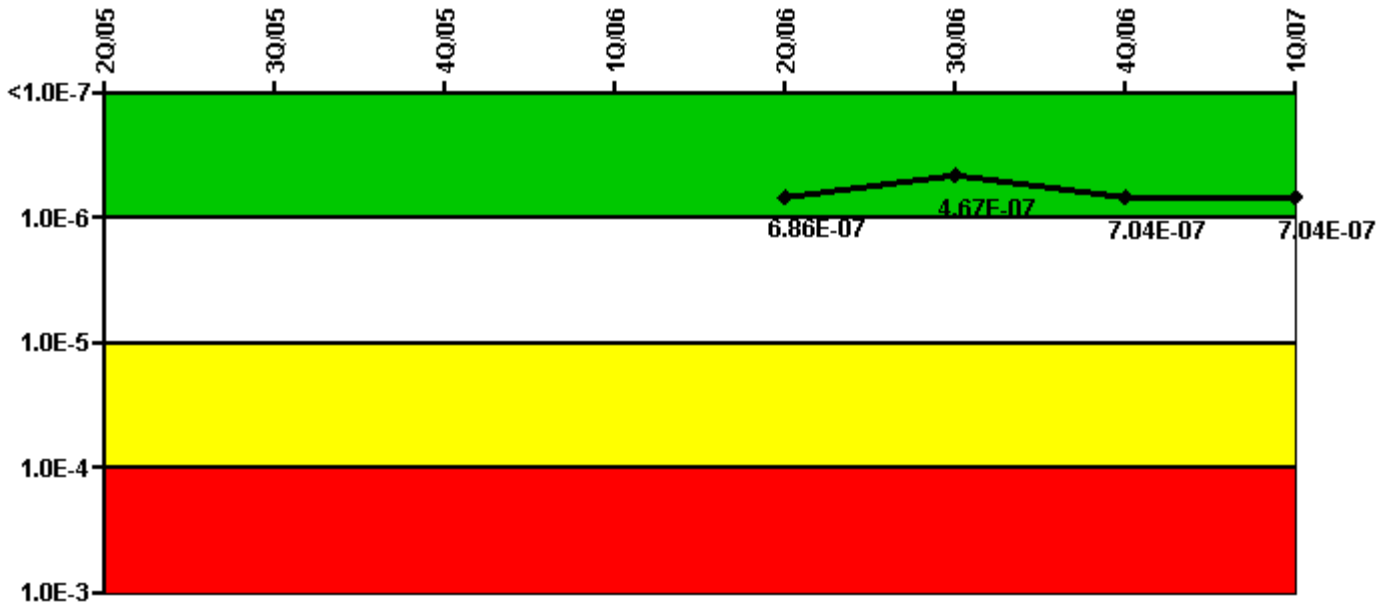
Thresholds: White > 5.0

Notes

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



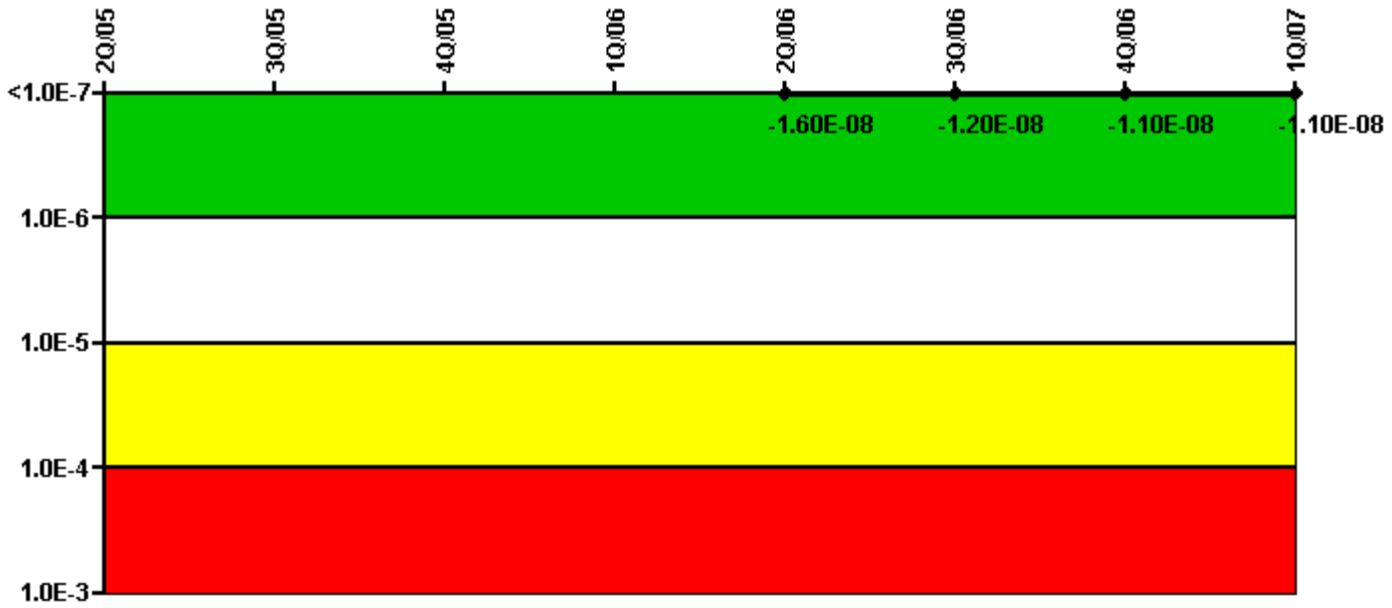
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					1.60E-08	6.80E-09	1.40E-08	1.40E-08
URI (ΔCDF)					6.70E-07	4.60E-07	6.90E-07	6.90E-07
PLE					NO	NO	NO	NO
Indicator value					6.86E-07	4.67E-07	7.04E-07	7.04E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



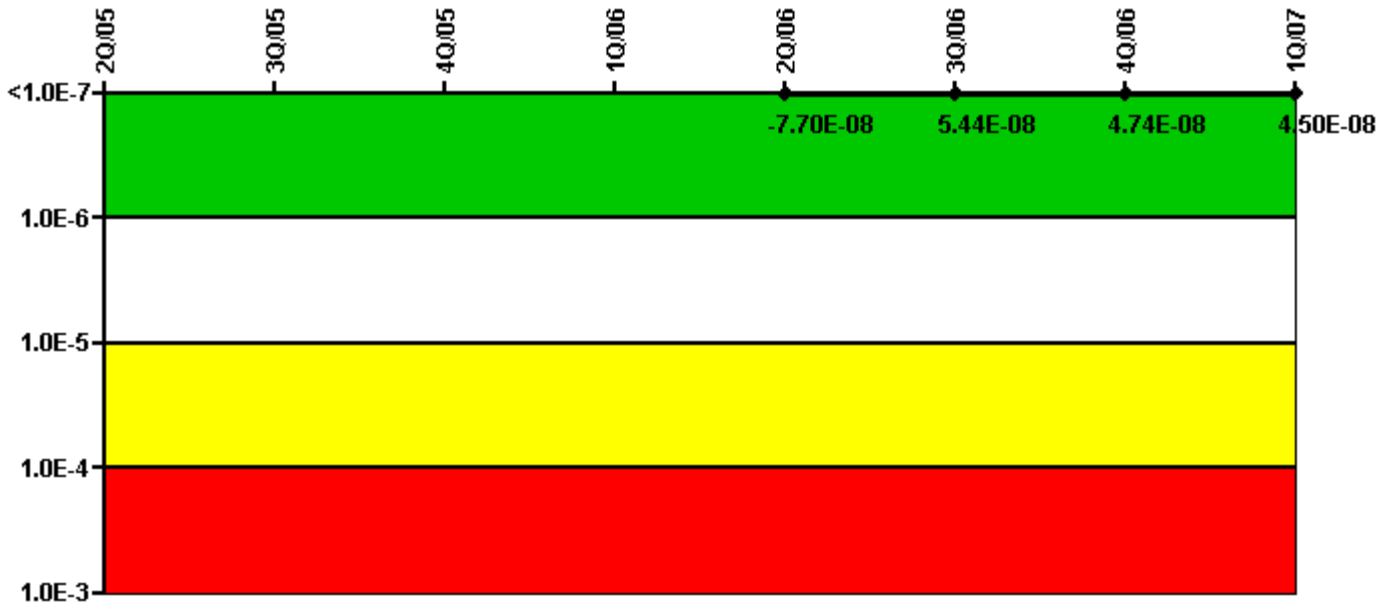
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					1.20E-08	1.70E-08	1.50E-08	1.50E-08
URI (Δ CDF)					-2.80E-08	-2.90E-08	-2.60E-08	-2.60E-08
PLE					NO	NO	NO	NO
Indicator value					-1.60E-08	-1.20E-08	-1.10E-08	-1.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



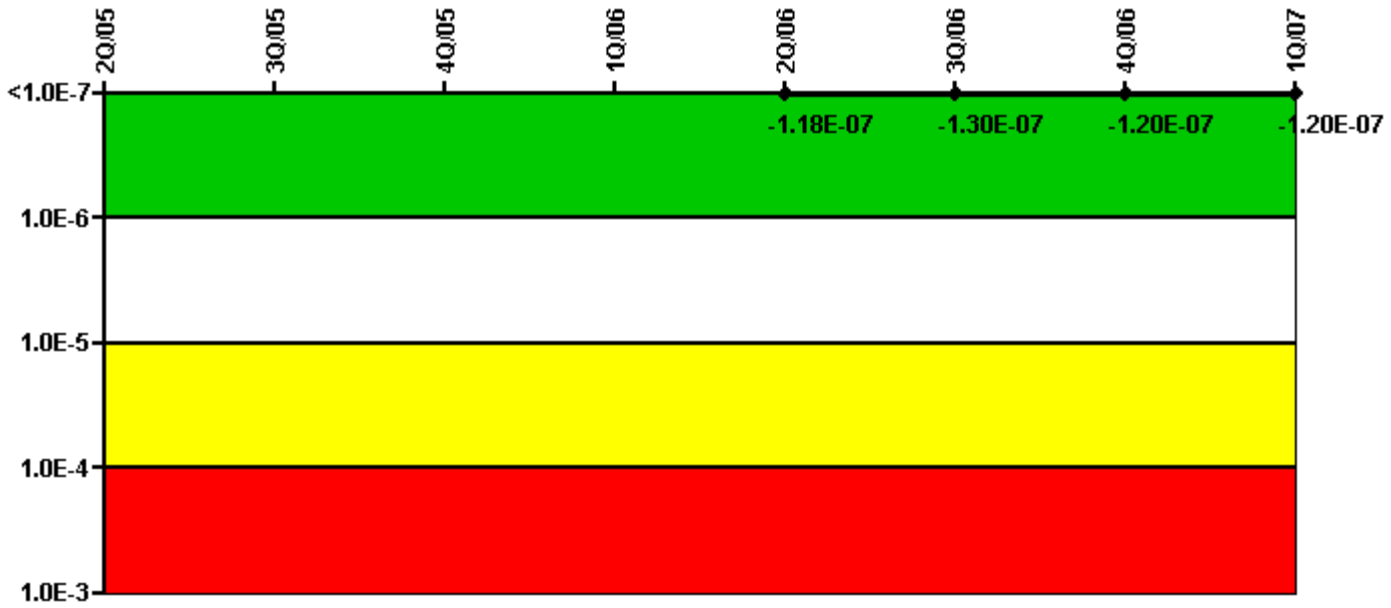
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-1.90E-08	-8.60E-09	-9.60E-09	-1.20E-08
URI (Δ CDF)					-5.80E-08	6.30E-08	5.70E-08	5.70E-08
PLE					NO	NO	NO	NO
Indicator value					-7.70E-08	5.44E-08	4.74E-08	4.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



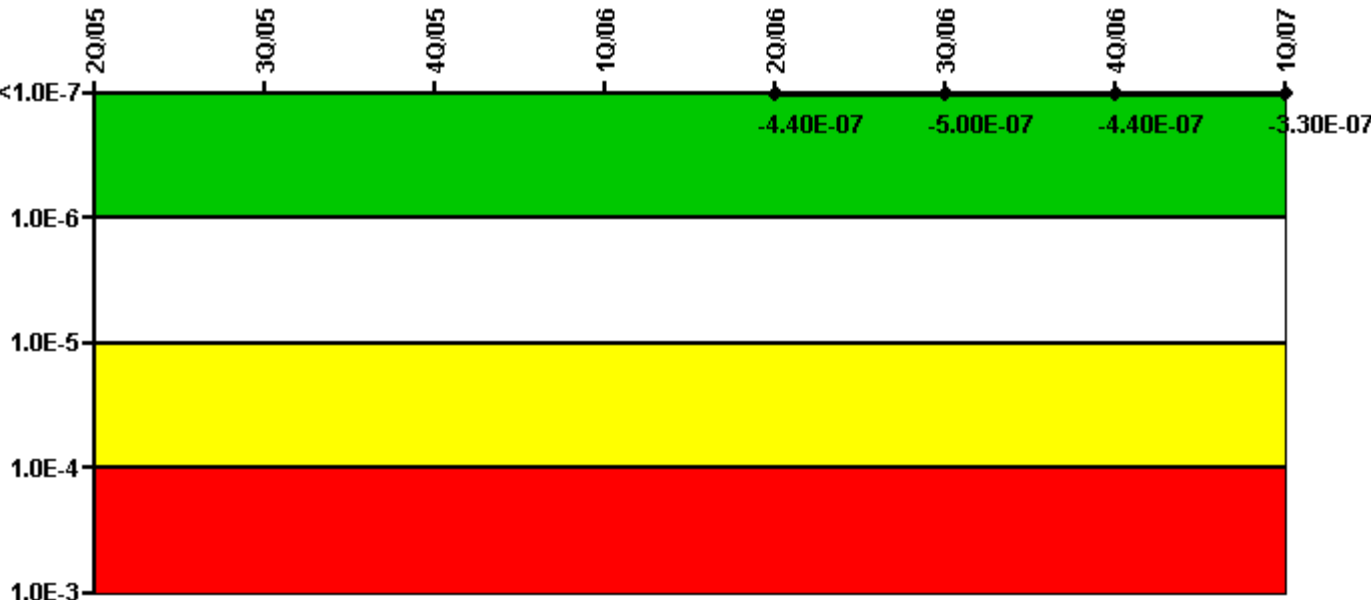
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					1.90E-09	3.40E-10	3.10E-10	3.10E-10
URI (Δ CDF)					-1.20E-07	-1.30E-07	-1.20E-07	-1.20E-07
PLE					NO	NO	NO	NO
Indicator value					-1.18E-07	-1.30E-07	-1.20E-07	-1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



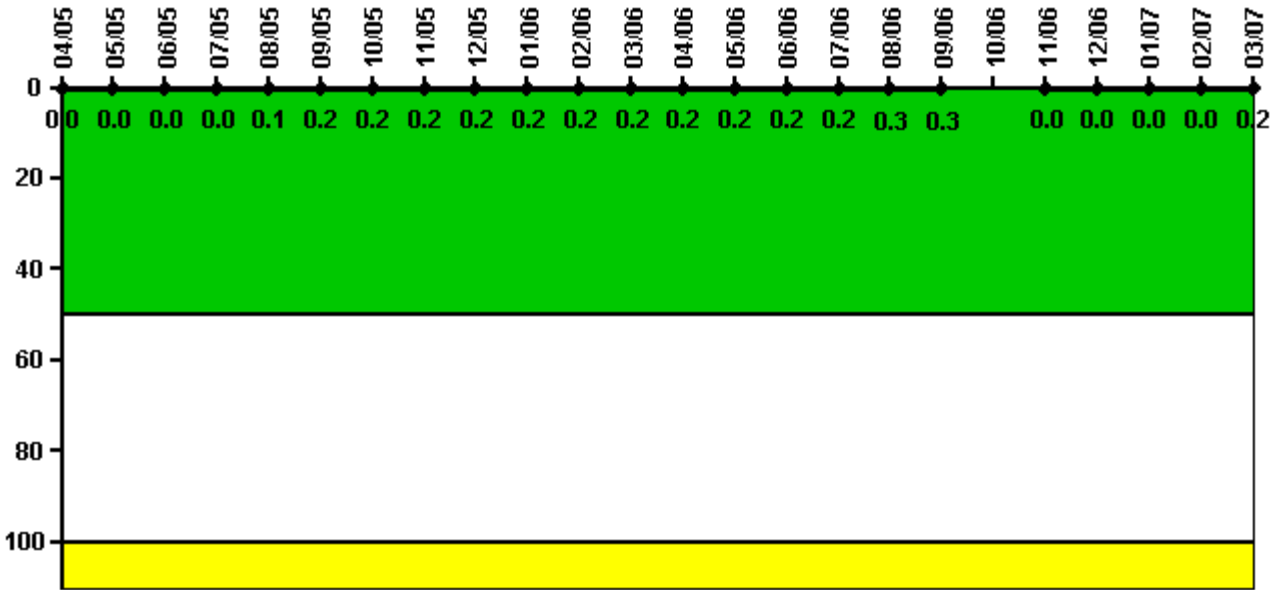
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-2.20E-07	-2.70E-07	-2.40E-07	-1.30E-07
URI (ΔCDF)					-2.20E-07	-2.30E-07	-2.00E-07	-2.00E-07
PLE					NO	NO	NO	NO
Indicator value					-4.40E-07	-5.00E-07	-4.40E-07	-3.30E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

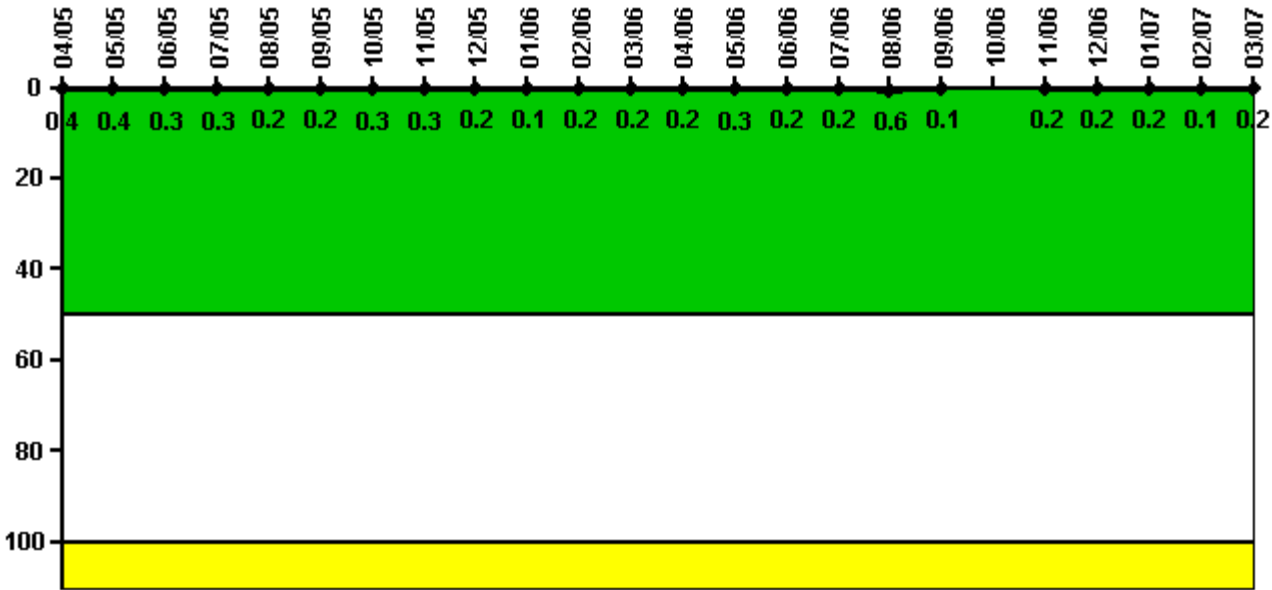
Notes

Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	0.000165	0.000276	0.000230	0.000251	0.001440	0.001710	0.001520	0.001690	0.001750	0.001600	0.001560	0.001720
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	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.001700	0.001670	0.001690	0.001770	0.002510	0.003170	N/A	0.000353	0.000429	0.000391	0.000412	0.002230
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	0.3	0.3	N/A	0	0	0	0	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

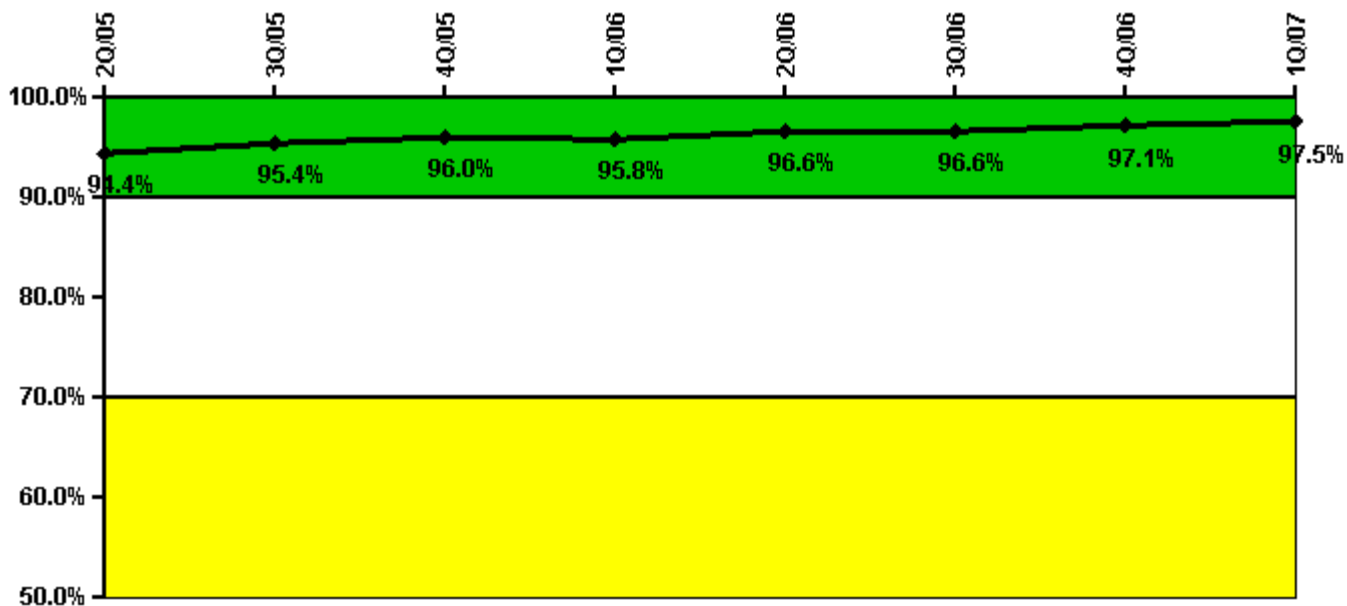
Notes

Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.044	0.041	0.028	0.033	0.019	0.020	0.034	0.033	0.018	0.016	0.018	0.018
Technical specification limit	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Indicator value	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.3	0.2	0.1	0.2	0.2

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.019	0.033	0.025	0.020	0.063	0.016	N/A	0.026	0.017	0.019	0.016	0.020
Technical specification limit	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Indicator value	0.2	0.3	0.2	0.2	0.6	0.1	N/A	0.2	0.2	0.2	0.1	0.2

Licensee Comments: none

Drill/Exercise Performance



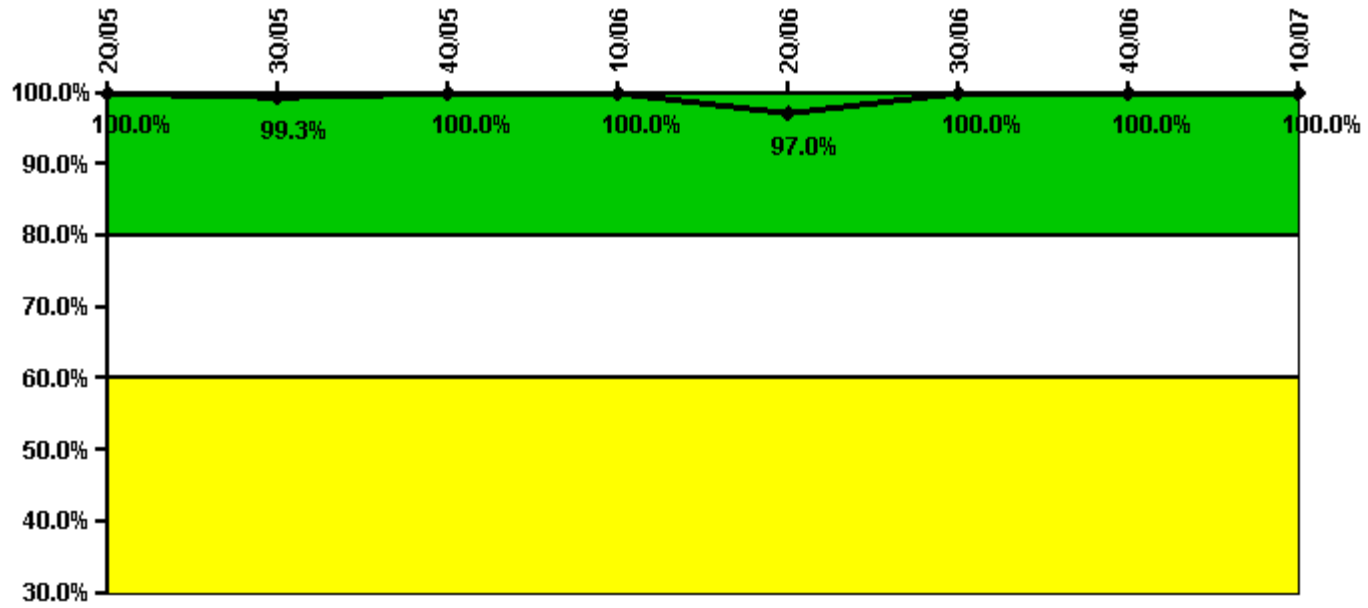
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	87.0	108.0	58.0	78.0	84.0	57.0	130.0	113.0
Total opportunities	91.0	112.0	59.0	82.0	85.0	60.0	130.0	114.0
Indicator value	94.4%	95.4%	96.0%	95.8%	96.6%	96.6%	97.1%	97.5%

Licensee Comments: none

ERO Drill Participation



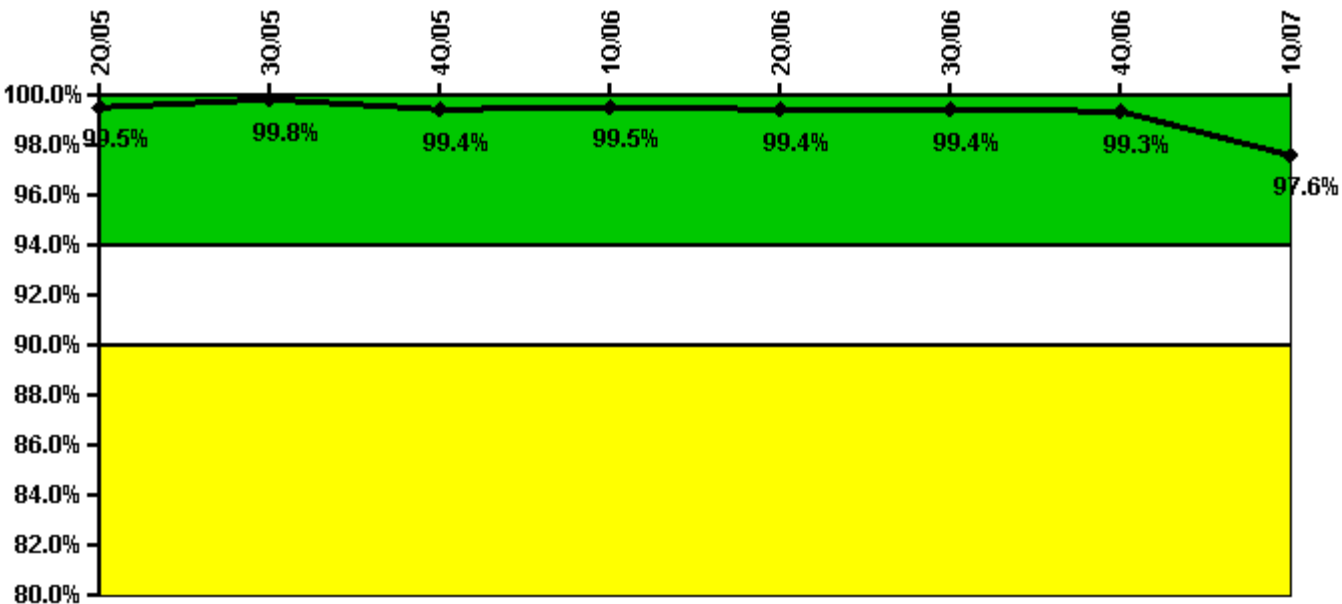
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	146.0	147.0	144.0	147.0	159.0	157.0	157.0	161.0
Total Key personnel	146.0	148.0	144.0	147.0	164.0	157.0	157.0	161.0
Indicator value	100.0%	99.3%	100.0%	100.0%	97.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



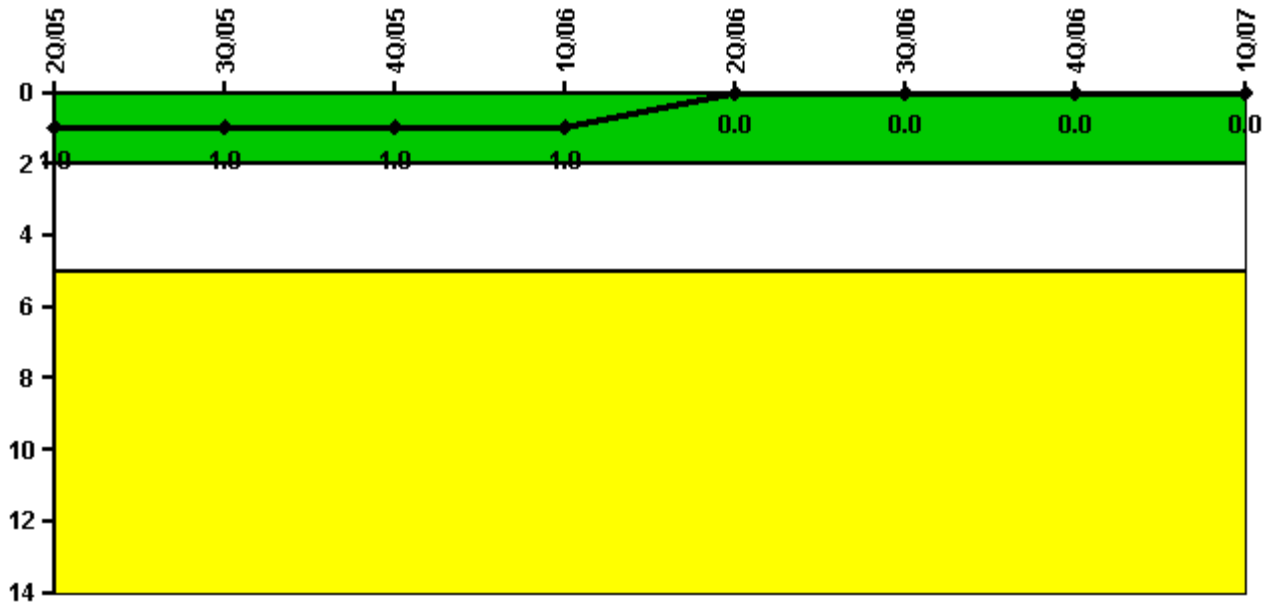
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	209	210	207	210	208	210	206	196
Total sirens-tests	210	210	210	210	210	210	210	210
Indicator value	99.5%	99.8%	99.4%	99.5%	99.4%	99.4%	99.3%	97.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



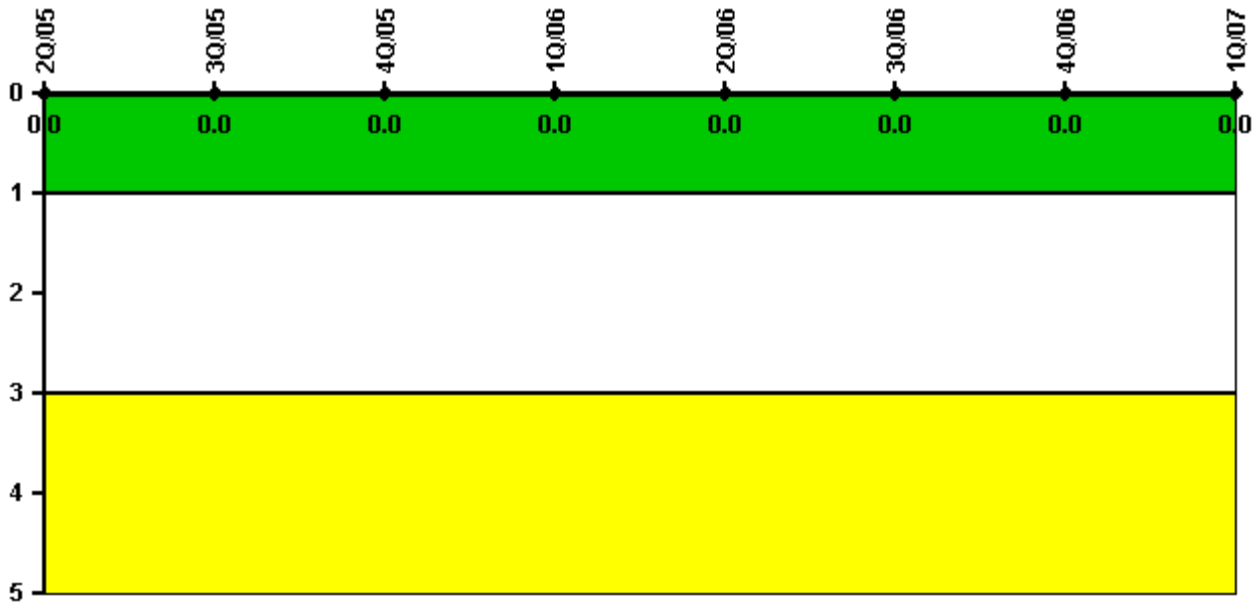
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
High radiation area occurrences	1	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	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/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.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: June 1, 2007