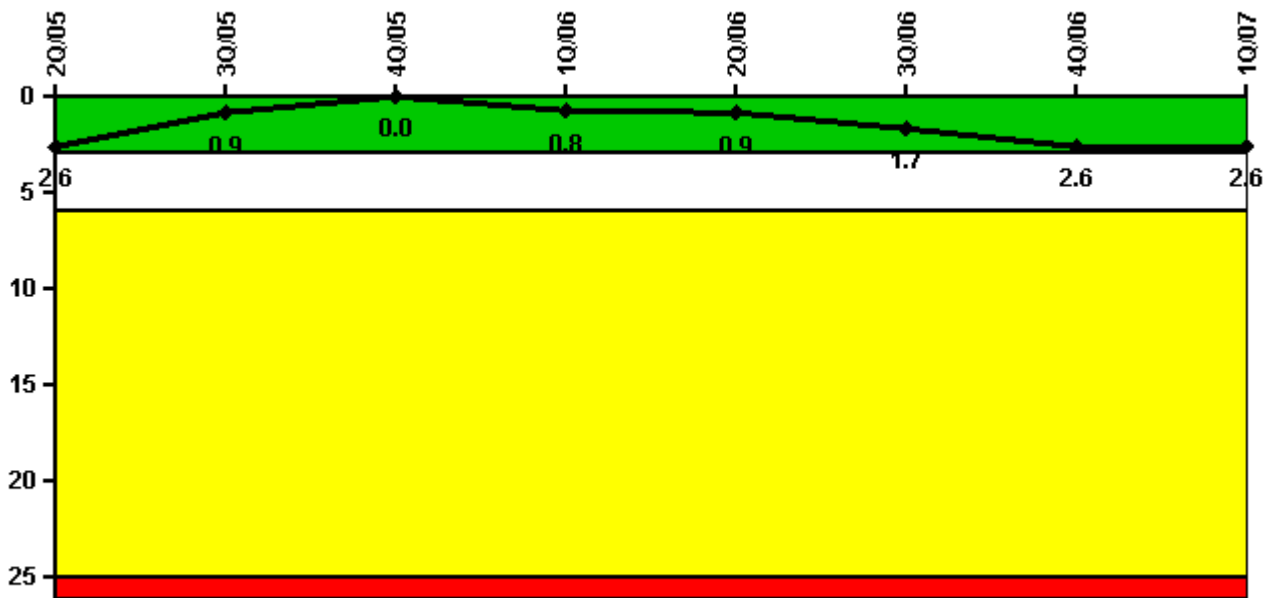


Indian Point 2

1Q/2007 Performance Indicators

Licensee's General Comments: PI IE01: Manual reactor trip February 28, 2007, due to decreasing steam generator levels as a result of a loss of main feedwater (FW) flow caused by a main FW pump suction pressure transmitter power supply failure. This event along with three previous reactor trips during the last four quarters caused the PI to exceed the Green limit for one day (2/28/07). On March 1, 2007, a reactor trip on March 1, 2006, was deleted by four quarter roll-off and the PI returned to the Green Band. PI IE02: The manual reactor trip on February 28, 2007, due to decreasing steam generator levels caused by a main feedwater (FW) pump suction pressure transmitter power supply failure was a result of a loss of FW flow. The speed of both main FW pumps (turbine driven) was cutback due to signal to the controller from the failed low condition of the FW pump suction pressure transmitter. There was no simple procedural means to override the cutback signal to recover main FW flow to the steam generators. LER-2007-004.

Unplanned Scrams per 7000 Critical Hrs



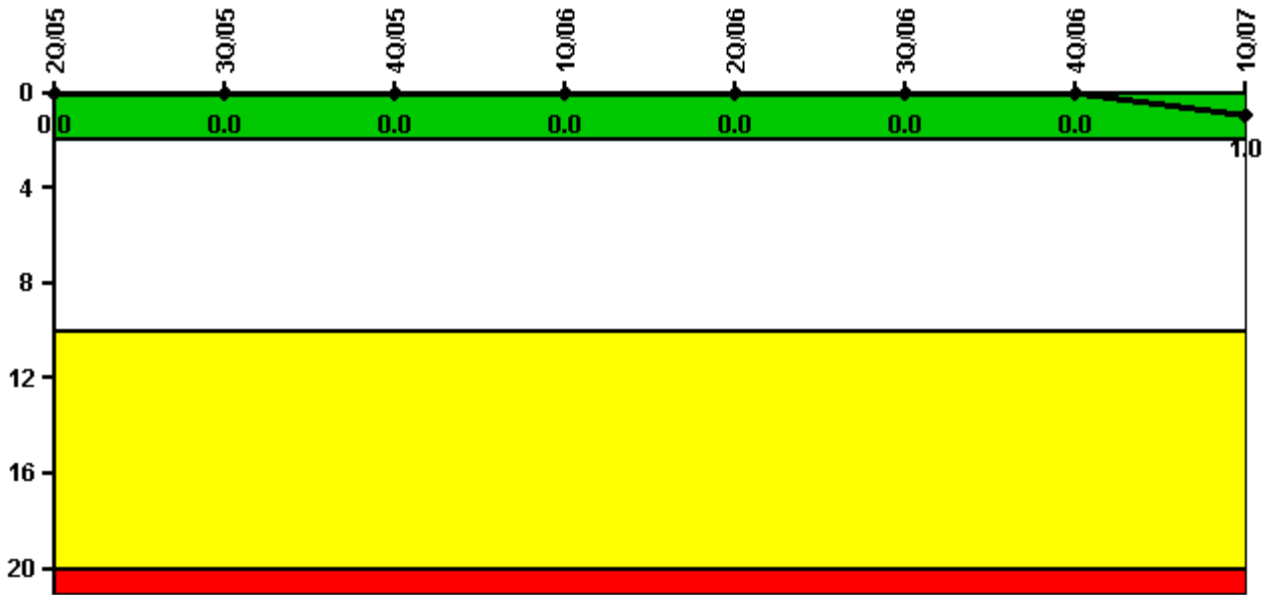
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	0	1.0	0	1.0	1.0	1.0
Critical hours	2183.0	2208.0	2209.0	2148.6	1460.3	2187.3	2186.0	2144.9
Indicator value	2.6	0.9	0	0.8	0.9	1.7	2.6	2.6

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



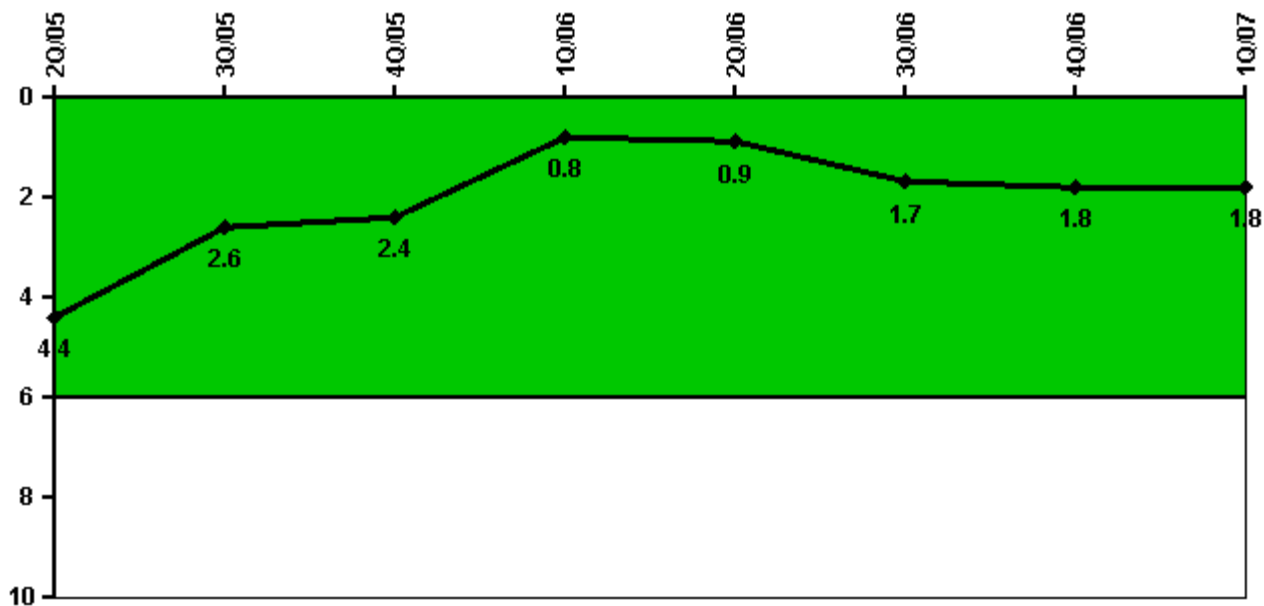
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	1.0
Indicator value	0	0	0	0	0	0	0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



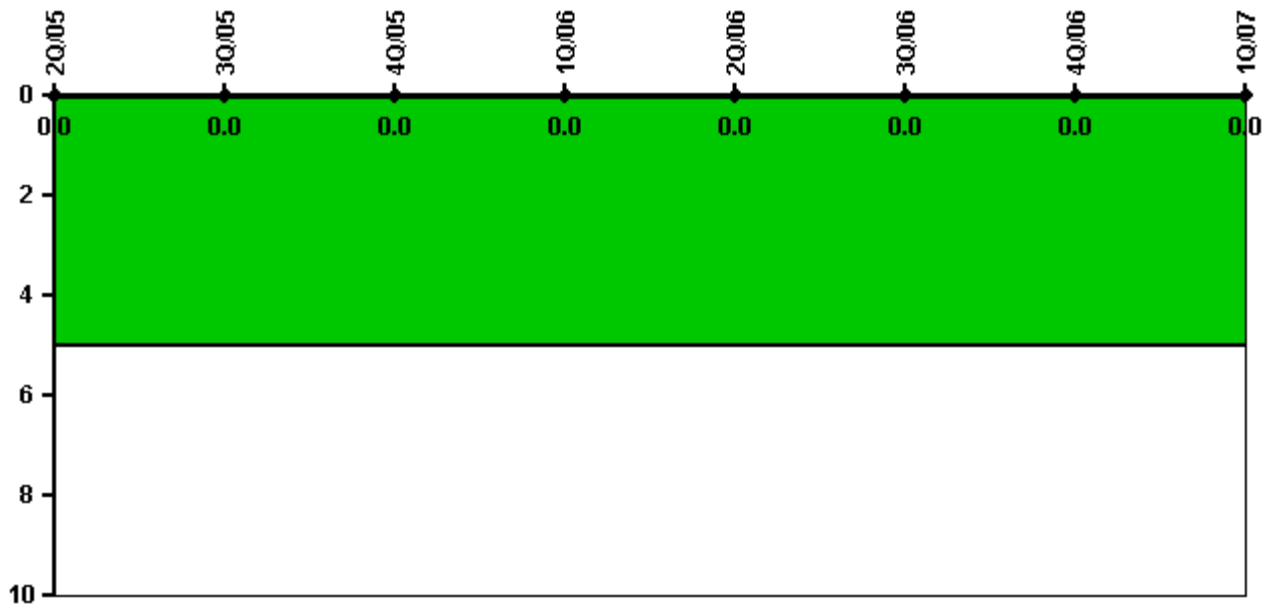
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	0	1.0	0	0	1.0	1.0	0
Critical hours	2183.0	2208.0	2209.0	2148.6	1460.3	2187.3	2186.0	2144.9
Indicator value	4.4	2.6	2.4	0.8	0.9	1.7	1.8	1.8

Licensee Comments: none

Safety System Functional Failures (PWR)



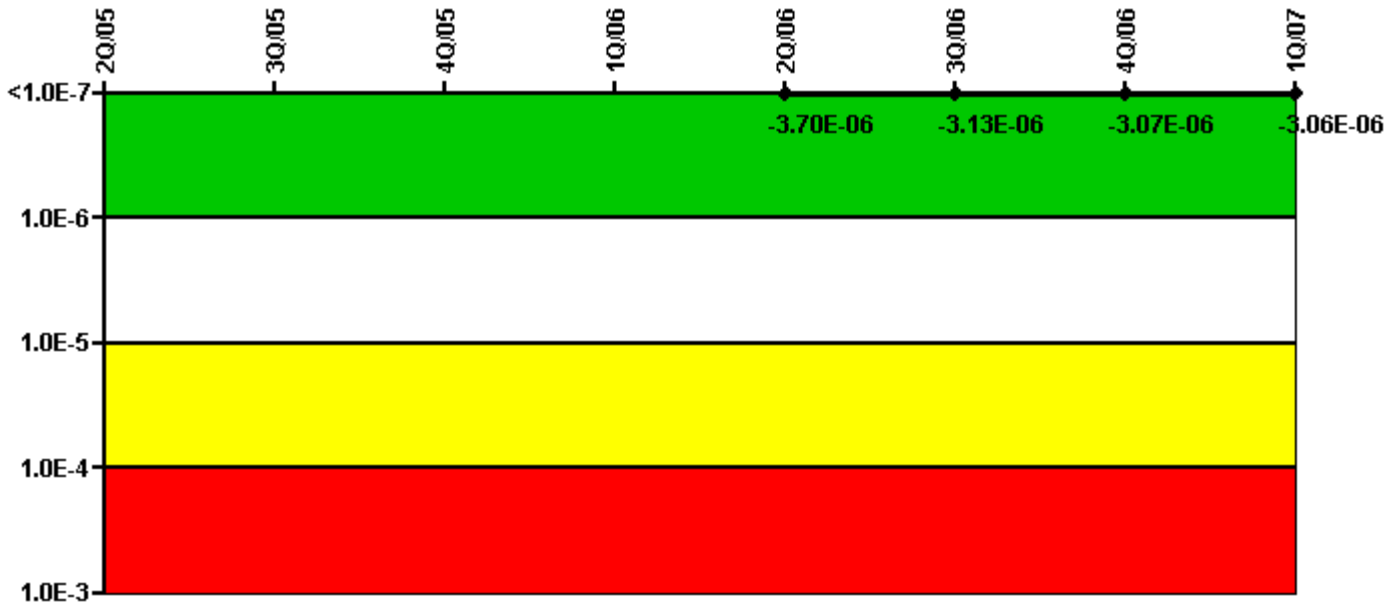
Thresholds: White > 5.0

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



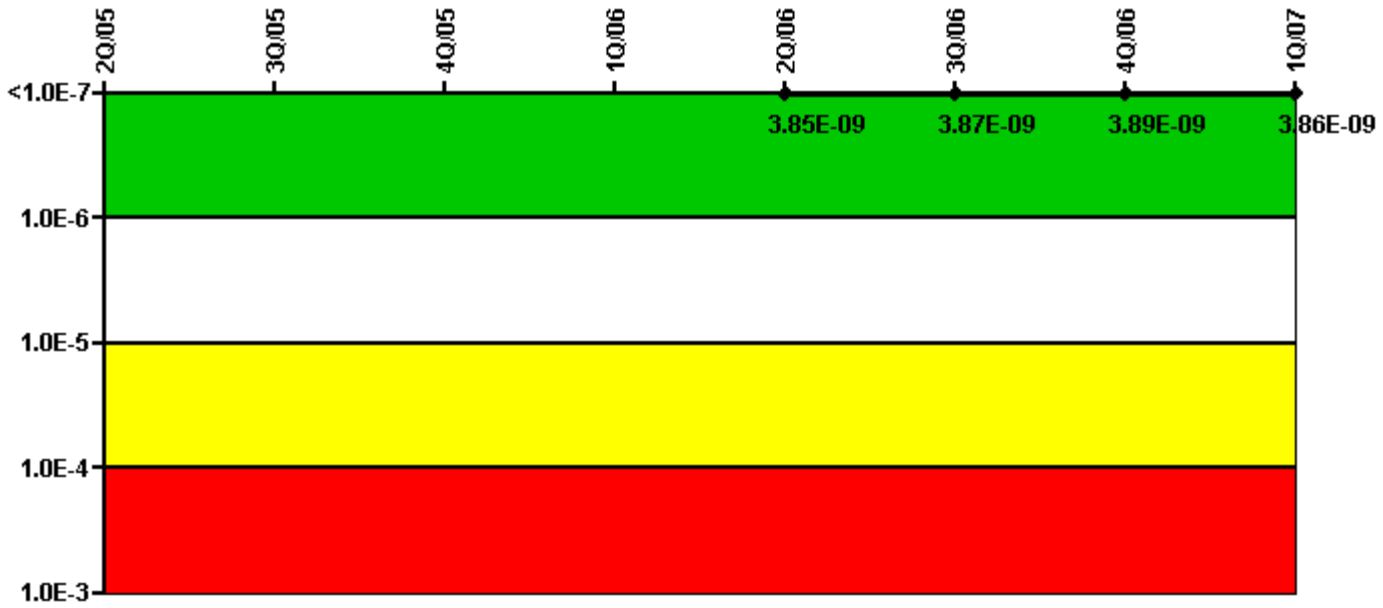
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)					9.80E-08	5.70E-07	6.30E-07	6.40E-07
URI (Δ CDF)					-3.80E-06	-3.70E-06	-3.70E-06	-3.70E-06
PLE					NO	NO	NO	NO
Indicator value					-3.70E-06	-3.13E-06	-3.07E-06	-3.06E-06

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



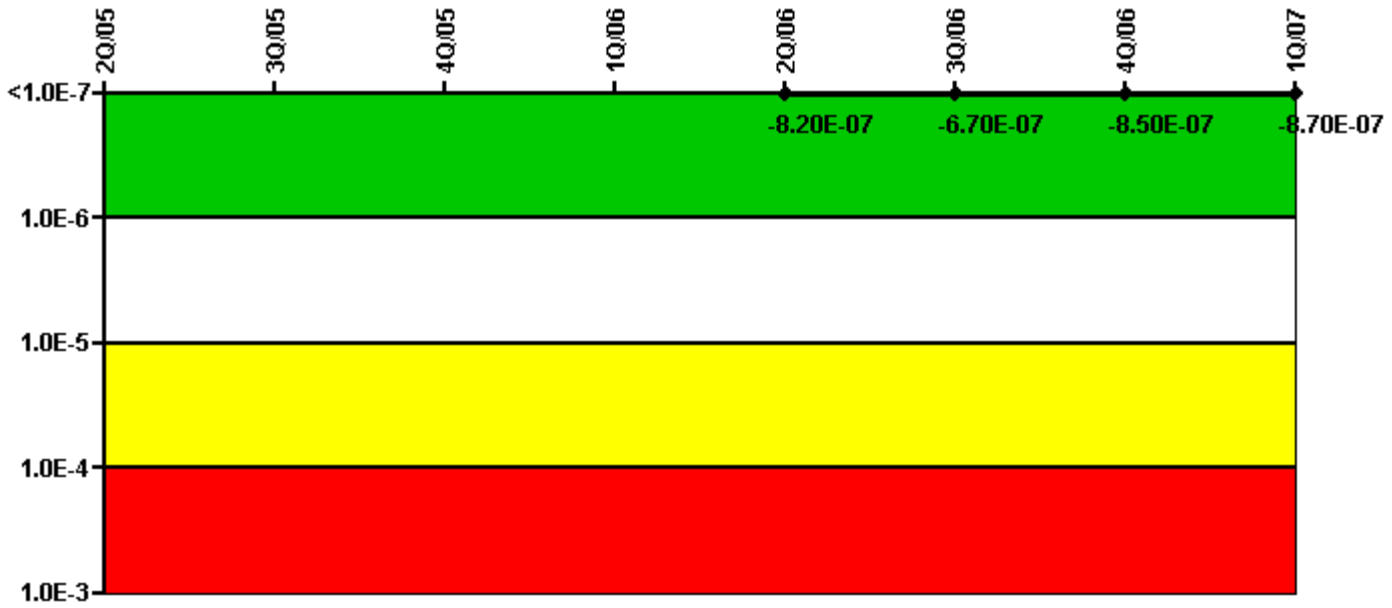
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					2.50E-10	2.70E-10	2.90E-10	2.60E-10
URI (Δ CDF)					3.60E-09	3.60E-09	3.60E-09	3.60E-09
PLE					NO	NO	NO	NO
Indicator value					3.85E-09	3.87E-09	3.89E-09	3.86E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



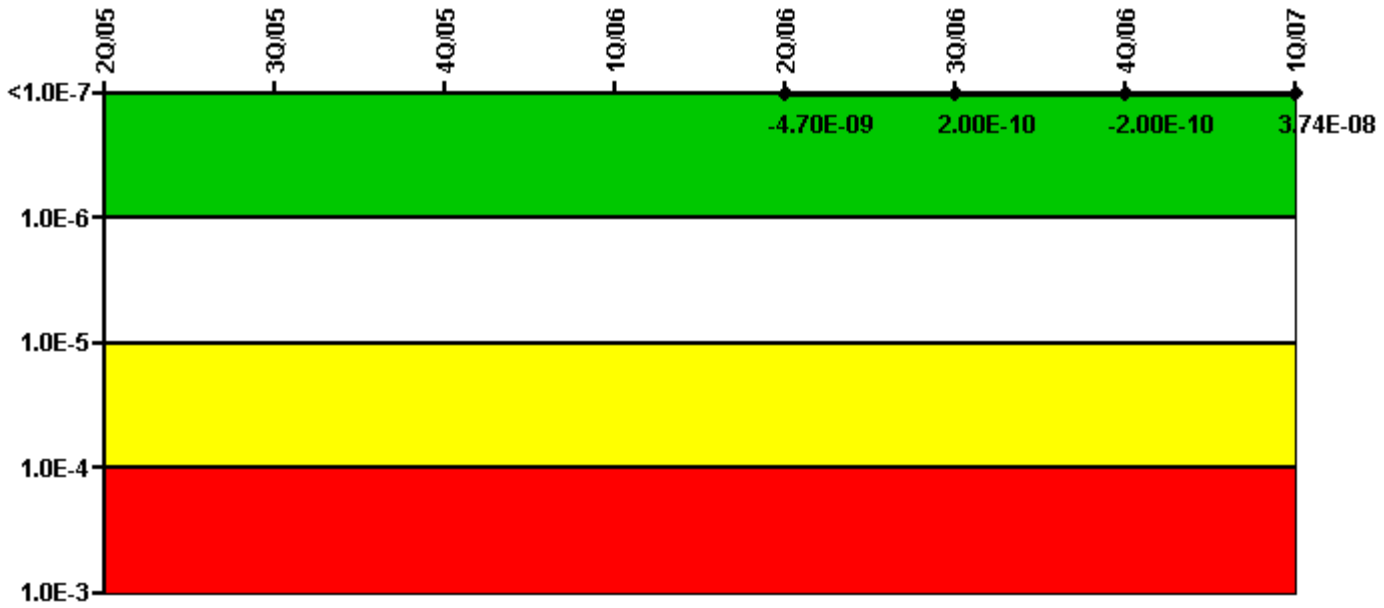
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					2.80E-07	4.30E-07	3.50E-07	3.30E-07
URI (ΔCDF)					-1.10E-06	-1.10E-06	-1.20E-06	-1.20E-06
PLE					NO	NO	NO	NO
Indicator value					-8.20E-07	-6.70E-07	-8.50E-07	-8.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



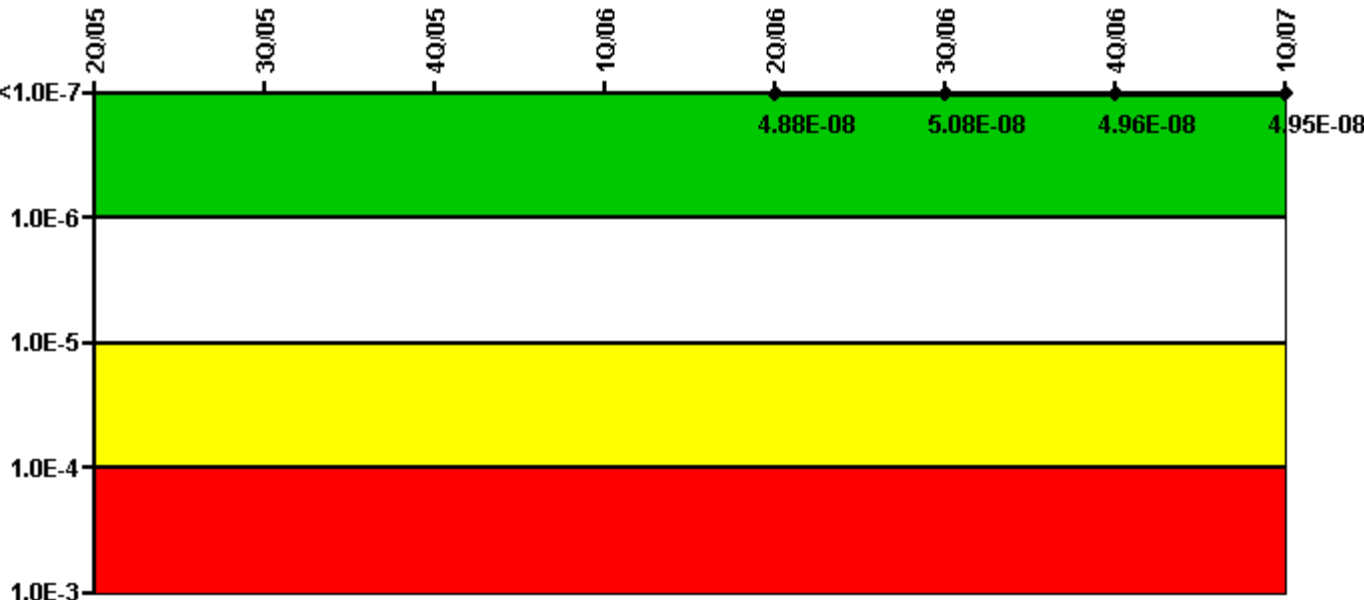
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-1.10E-08	-5.60E-09	-5.60E-09	-5.60E-09
URI (ΔCDF)					6.30E-09	5.80E-09	5.40E-09	4.30E-08
PLE					NO	NO	NO	NO
Indicator value					-4.70E-09	2.00E-10	-2.00E-10	3.74E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



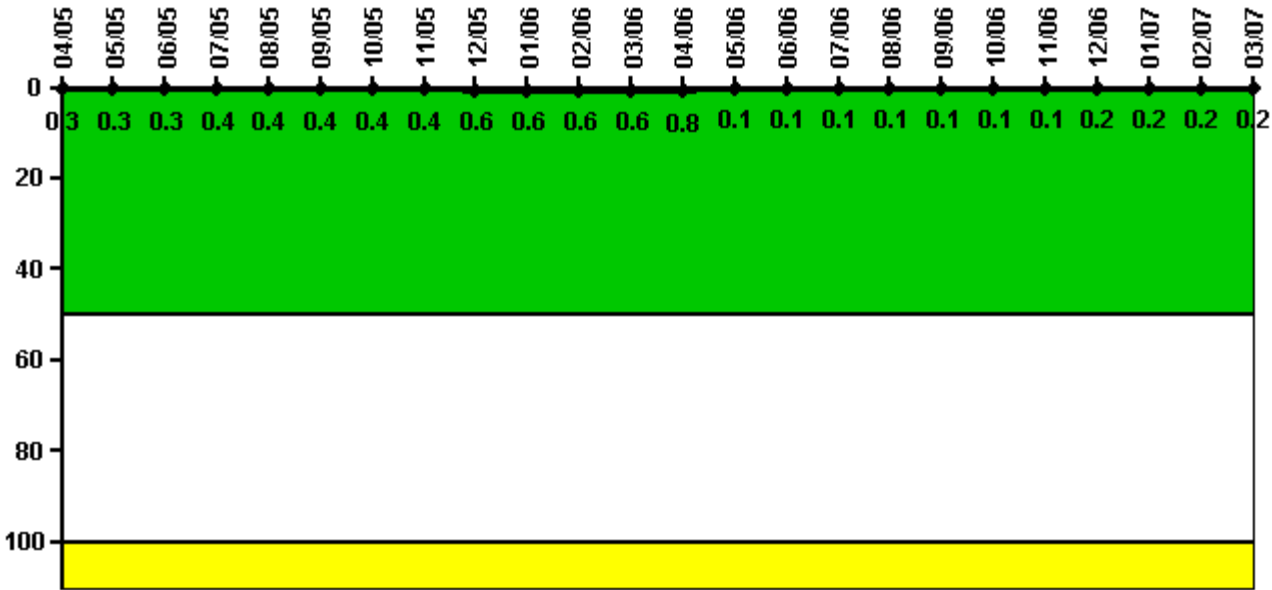
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					1.80E-09	2.80E-09	2.60E-09	2.50E-09
URI (ΔCDF)					4.70E-08	4.80E-08	4.70E-08	4.70E-08
PLE					NO	NO	NO	NO
Indicator value					4.88E-08	5.08E-08	4.96E-08	4.95E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

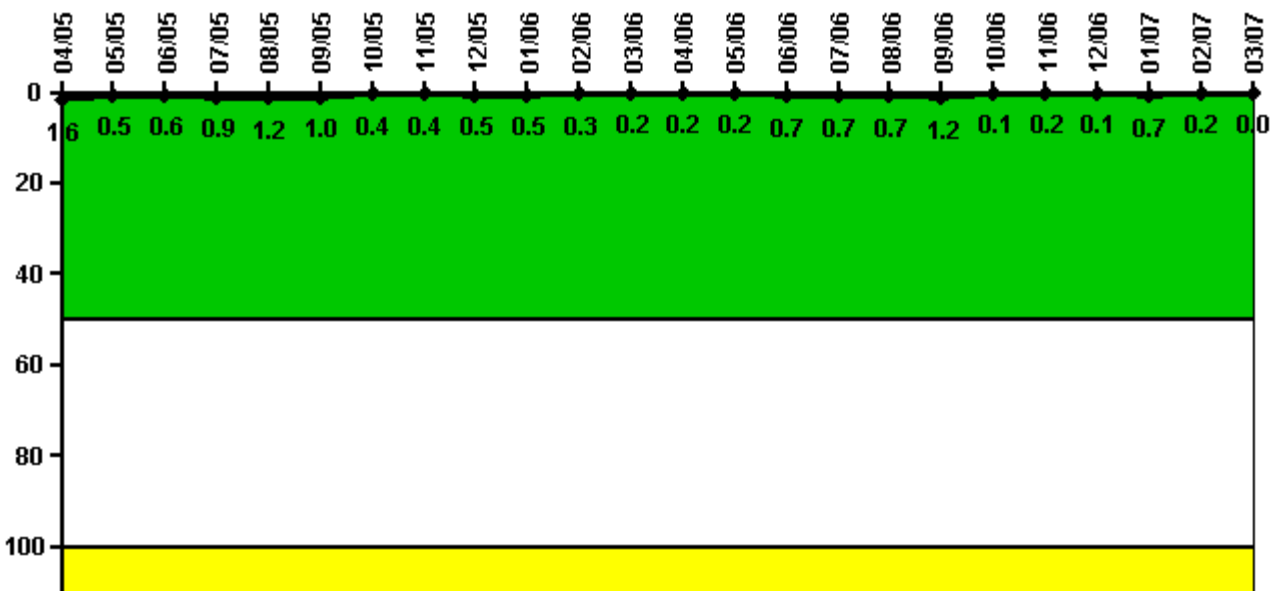
Notes

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	0.002800	0.002630	0.003450	0.003840	0.004020	0.003970	0.004350	0.004420	0.005530	0.005620	0.005750	0.005910
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	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6

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	0.008170	0.001100	0.001260	0.001360	0.001380	0.001310	0.001410	0.001480	0.001600	0.001540	0.001580	0.001650
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	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



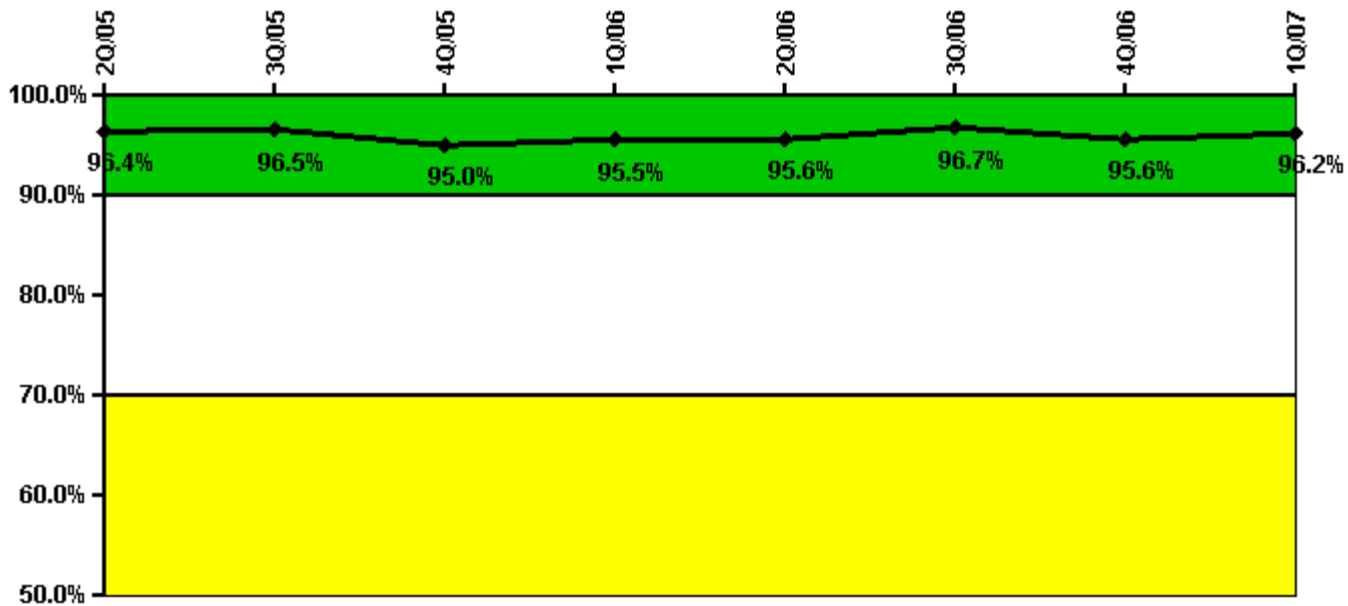
Thresholds: White > 50.0 Yellow > 100.0

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	0.160	0.054	0.064	0.094	0.124	0.097	0.036	0.035	0.054	0.054	0.030	0.024
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	1.6	0.5	0.6	0.9	1.2	1.0	0.4	0.4	0.5	0.5	0.3	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	0.023	0.022	0.065	0.069	0.069	0.120	0.011	0.020	0.010	0.070	0.020	0
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	0.2	0.2	0.7	0.7	0.7	1.2	0.1	0.2	0.1	0.7	0.2	0

Licensee Comments: none

Drill/Exercise Performance



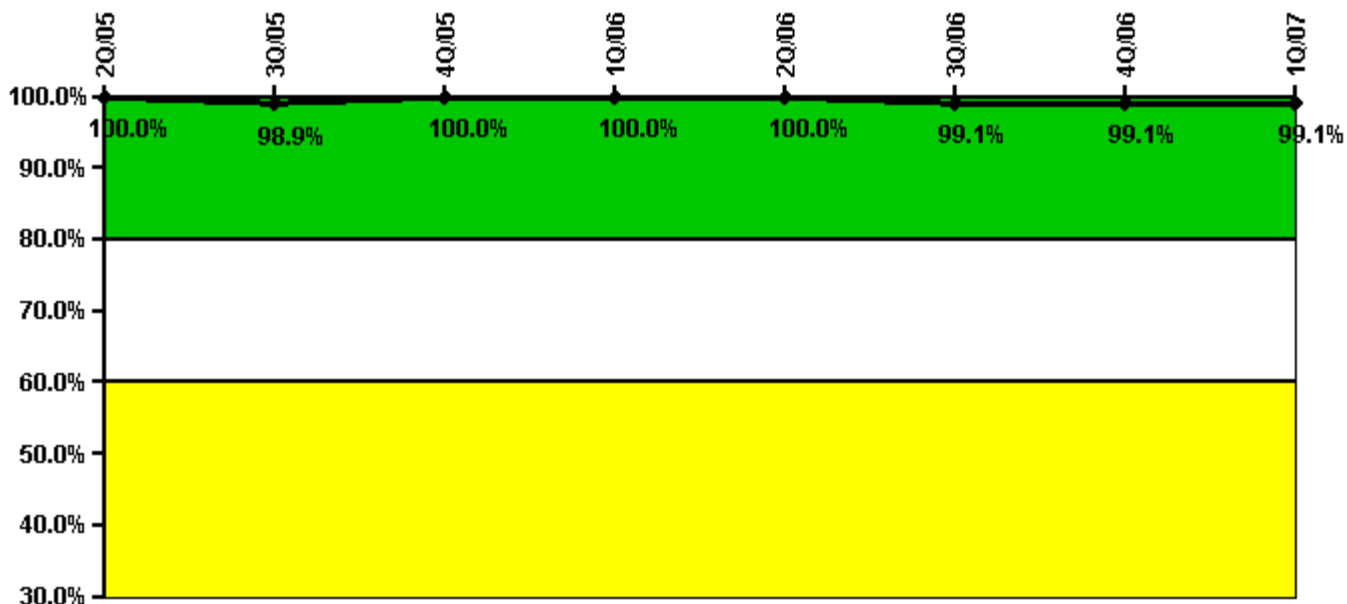
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	17.0	27.0	11.0	37.0	30.0	73.0	11.0	19.0
Total opportunities	19.0	27.0	13.0	38.0	30.0	73.0	14.0	20.0
Indicator value	96.4%	96.5%	95.0%	95.5%	95.6%	96.7%	95.6%	96.2%

Licensee Comments: none

ERO Drill Participation



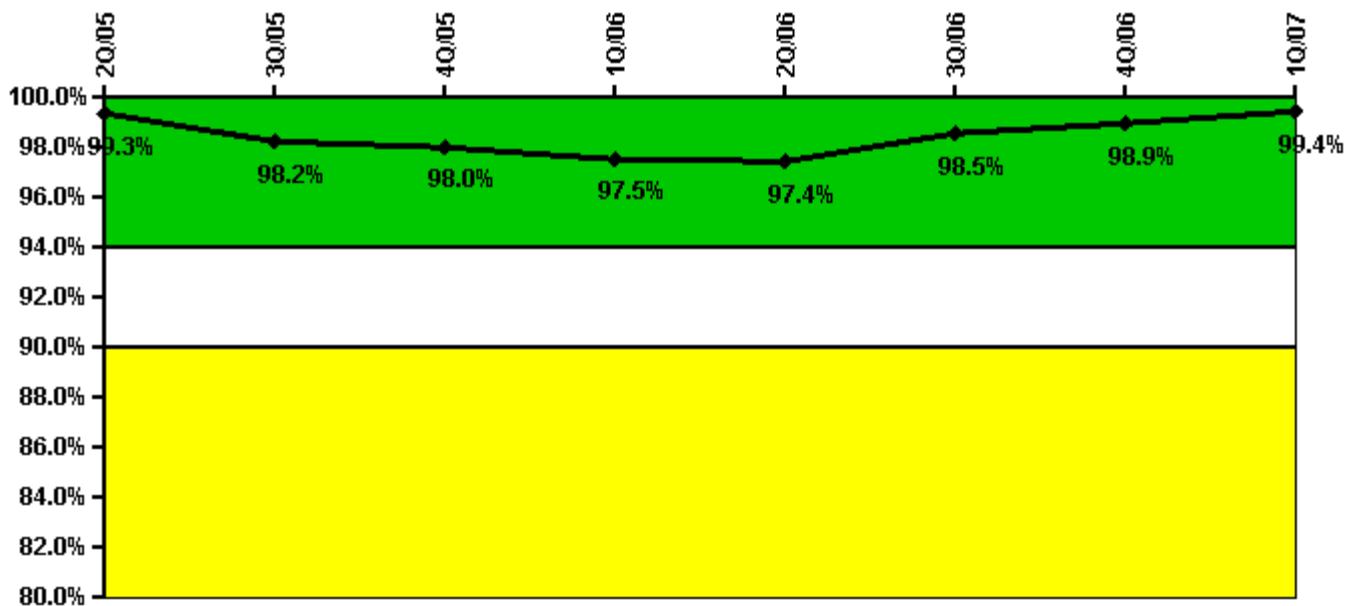
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	95.0	93.0	94.0	103.0	103.0	105.0	106.0	106.0
Total Key personnel	95.0	94.0	94.0	103.0	103.0	106.0	107.0	107.0
Indicator value	100.0%	98.9%	100.0%	100.0%	100.0%	99.1%	99.1%	99.1%

Licensee Comments: none

Alert & Notification System



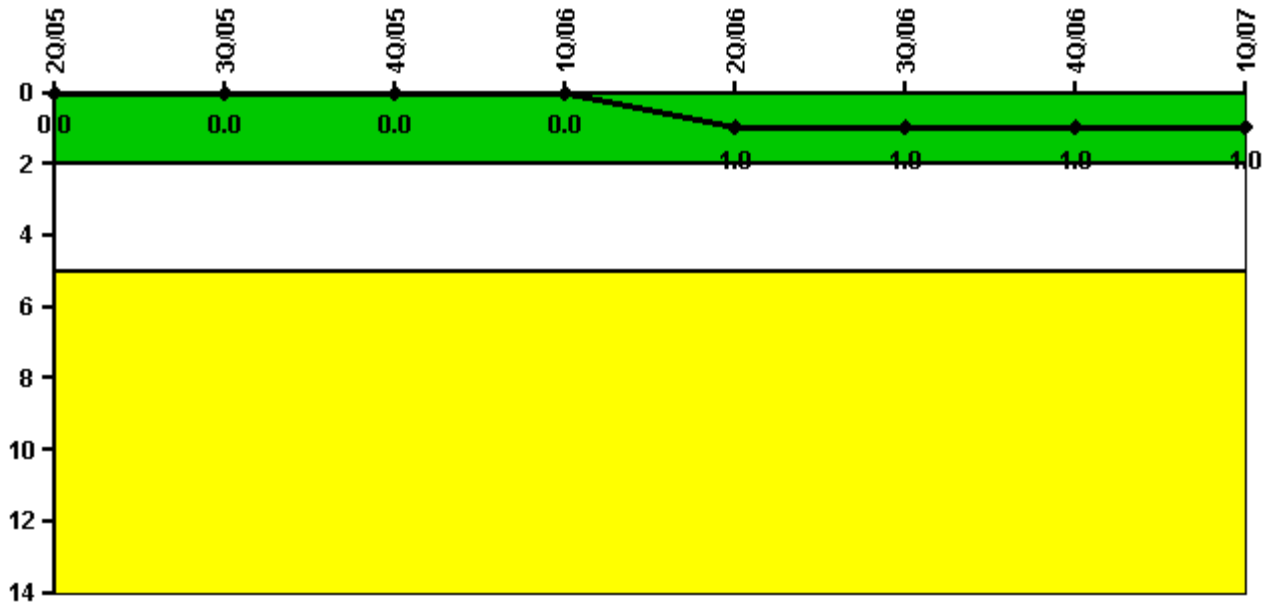
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	1014	1164	992	984	1083	882	885	728
Total sirens-tests	1015	1225	1009	1010	1092	888	888	732
Indicator value	99.3%	98.2%	98.0%	97.5%	97.4%	98.5%	98.9%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



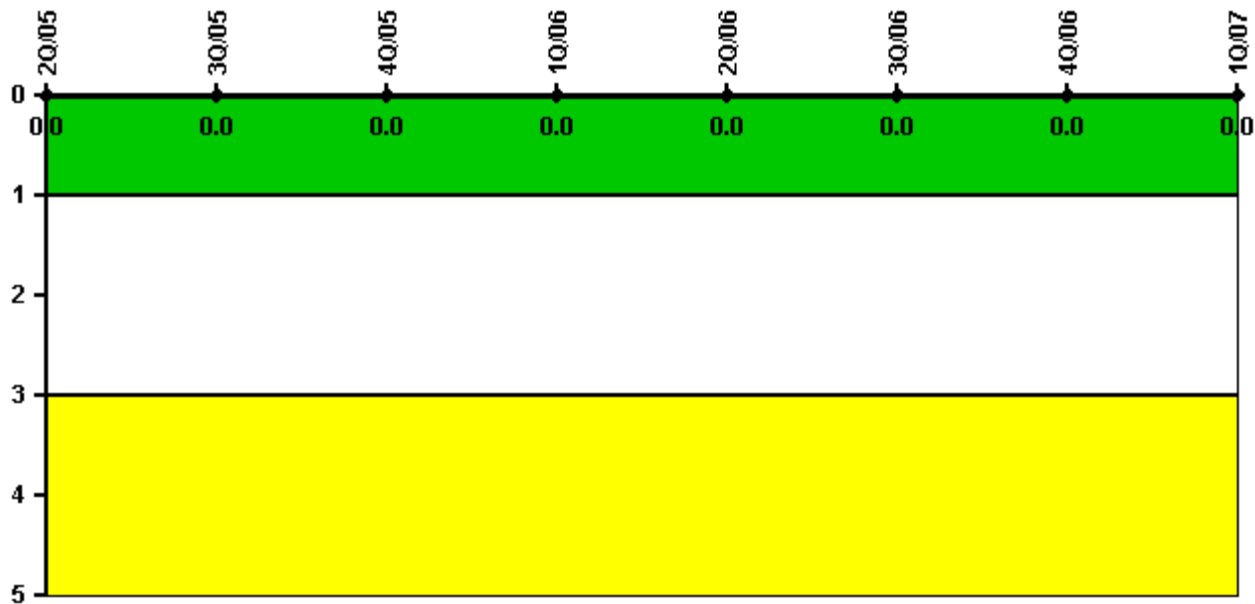
Thresholds: White > 2.0 Yellow > 5.0

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	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	1	0	0	0
Indicator value	0	0	0	0	1	1	1	1

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