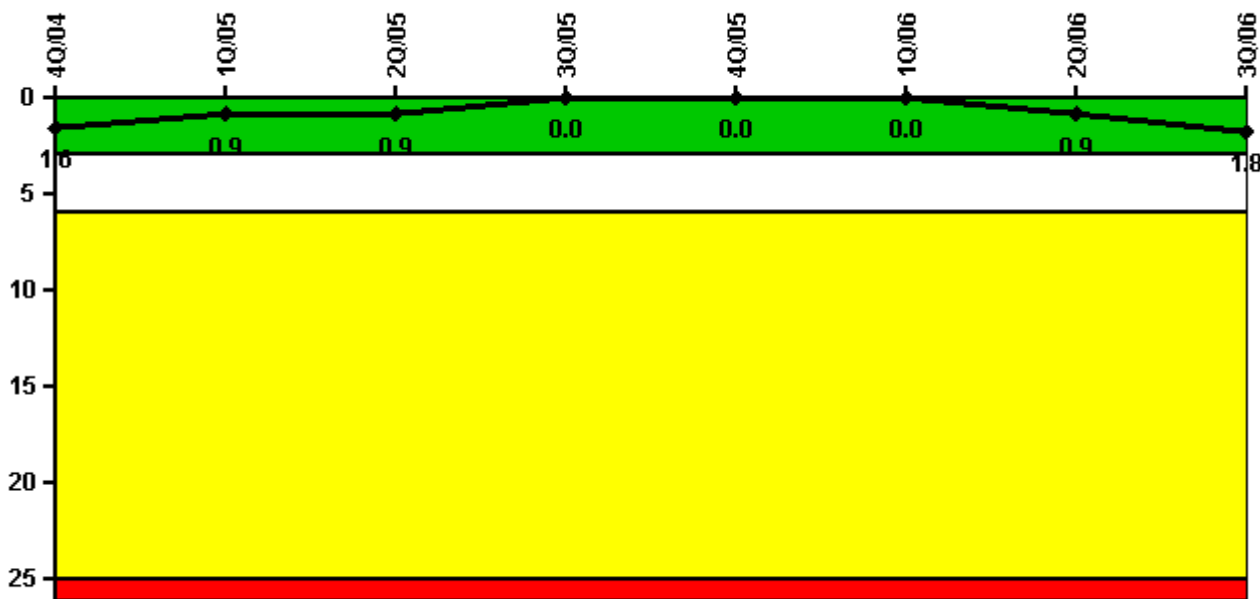


Watts Bar 1

3Q/2006 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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	0	0	0	0	0	0	1.0	1.0
Critical hours	2209.0	1281.9	2183.0	2208.0	2209.0	2160.0	1592.1	1639.2
Indicator value	1.6	0.9	0.9	0	0	0	0.9	1.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



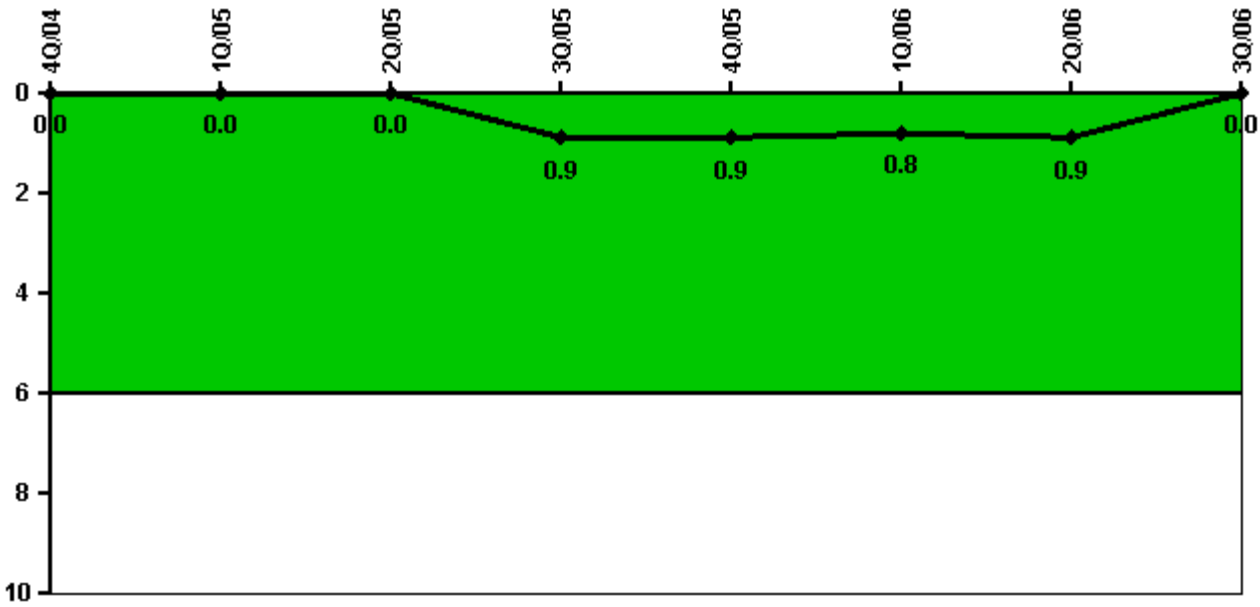
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



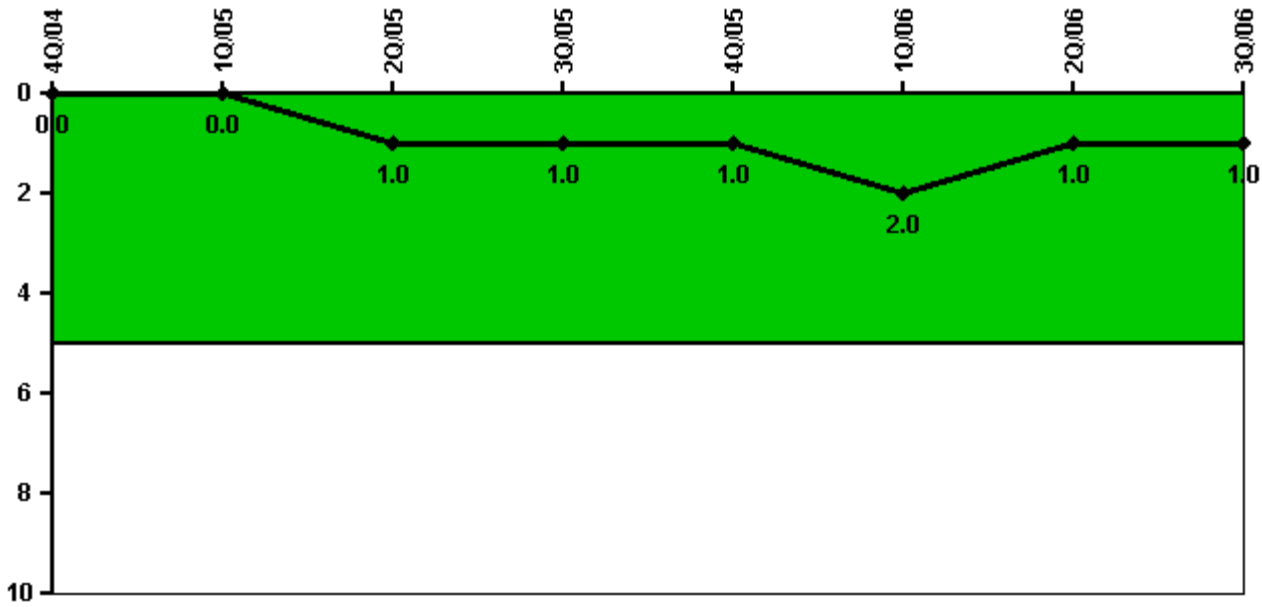
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2209.0	1281.9	2183.0	2208.0	2209.0	2160.0	1592.1	1639.2
Indicator value	0	0	0	0.9	0.9	0.8	0.9	0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Safety System Functional Failures	0	0	1	0	0	1	0	0
Indicator value	0	0	1	1	1	2	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



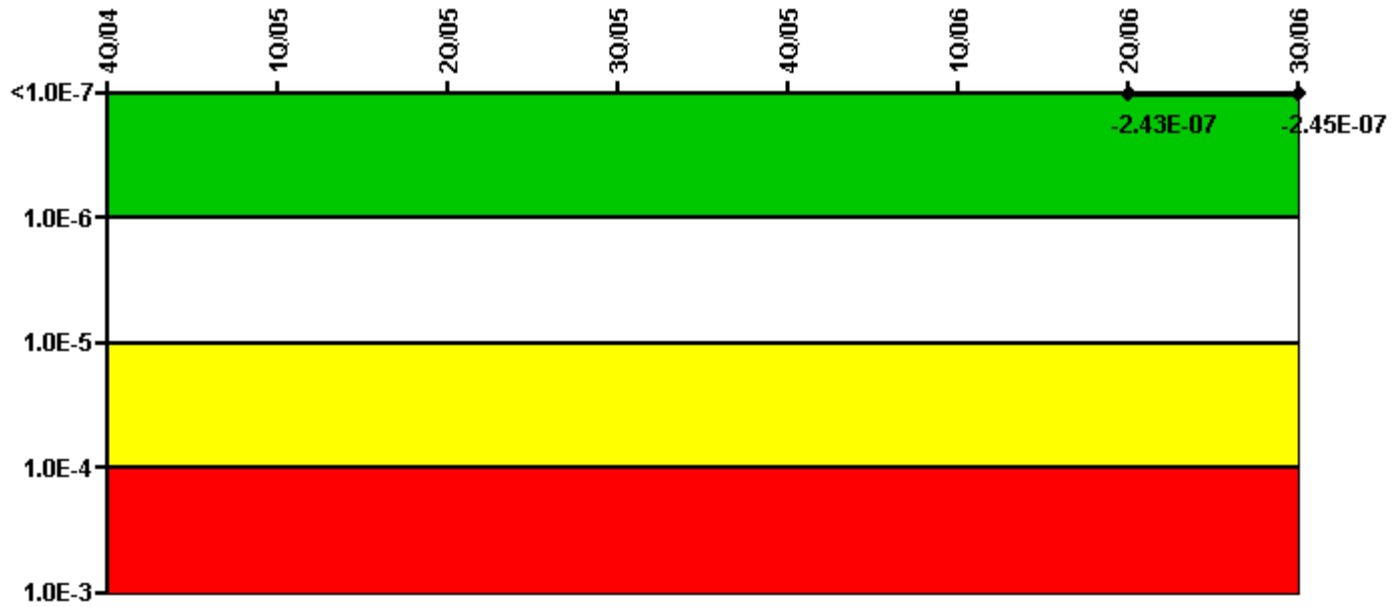
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							1.90E-08	1.80E-08
URI (Δ CDF)							-9.30E-08	-9.30E-08
PLE							NO	NO
Indicator value							-7.40E-08	-7.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



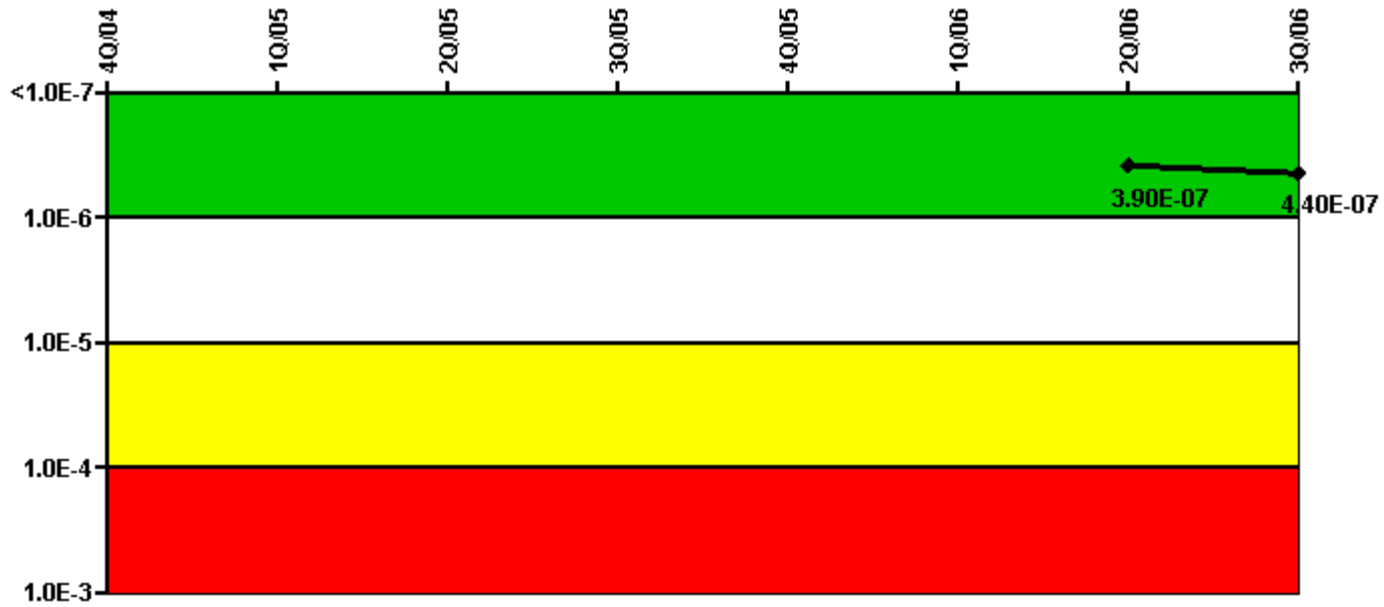
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							7.20E-09	4.80E-09
URI (Δ CDF)							-2.50E-07	-2.50E-07
PLE							NO	NO
Indicator value							-2.43E-07	-2.45E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

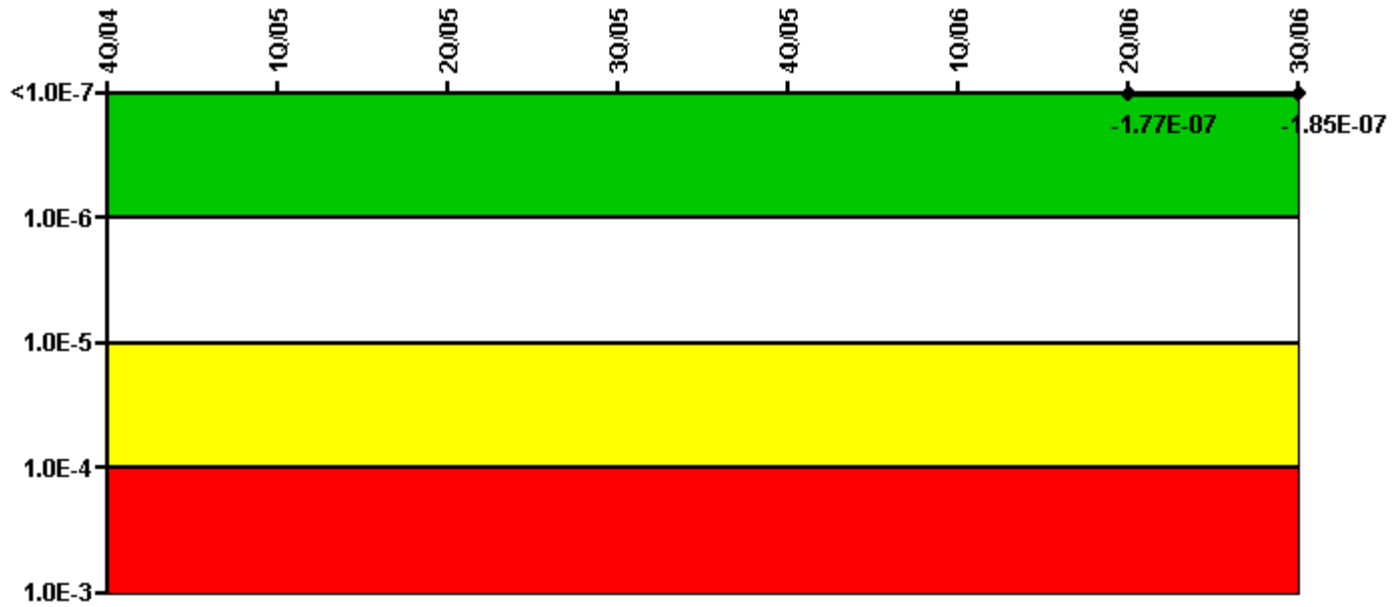
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							2.10E-07	2.60E-07
URI (ΔCDF)							1.80E-07	1.80E-07
PLE							NO	NO
Indicator value							3.90E-07	4.40E-07

Licensee Comments:

2Q/06: Change to 2QCY2006 AFW Mitigating System Performance Index due to CDE being updated with actual ESF nontest demands that were not reported in the initial 2QCY2006 data submittal. This change does not affect the color of the indicator.

Mitigating Systems Performance Index, Residual Heat Removal System



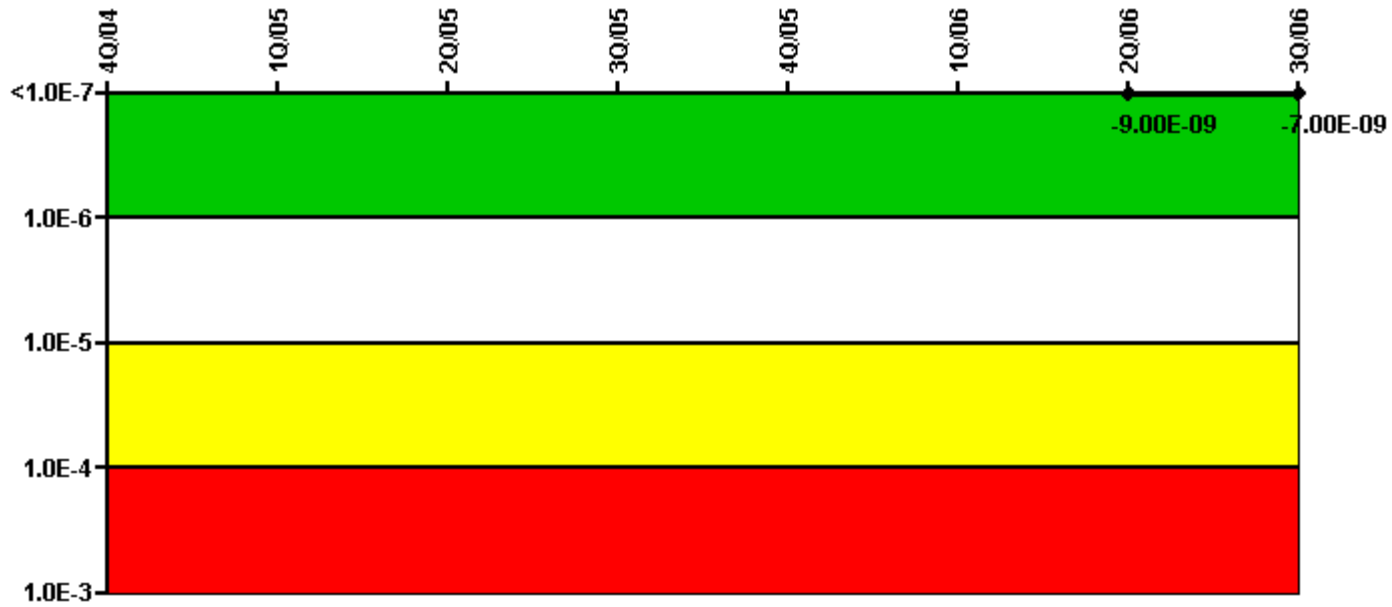
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							7.30E-08	6.50E-08
URI (Δ CDF)							-2.50E-07	-2.50E-07
PLE							NO	NO
Indicator value							-1.77E-07	-1.85E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



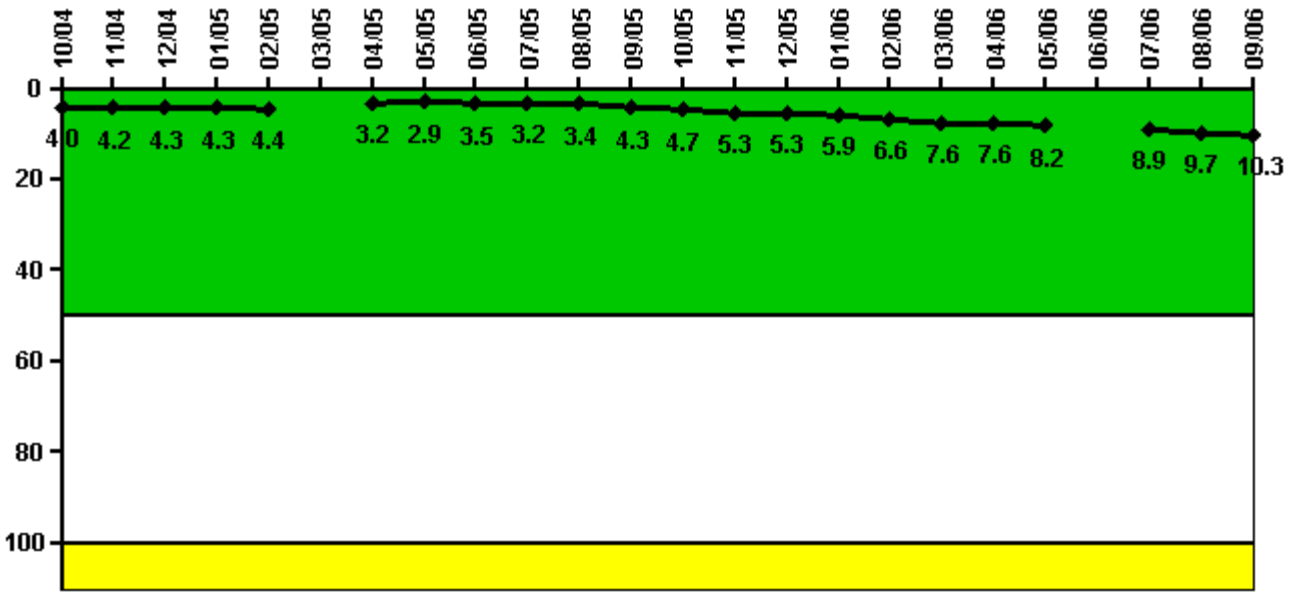
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							2.20E-08	2.40E-08
URI (Δ CDF)							-3.10E-08	-3.10E-08
PLE							NO	NO
Indicator value							-9.00E-09	-7.00E-09

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

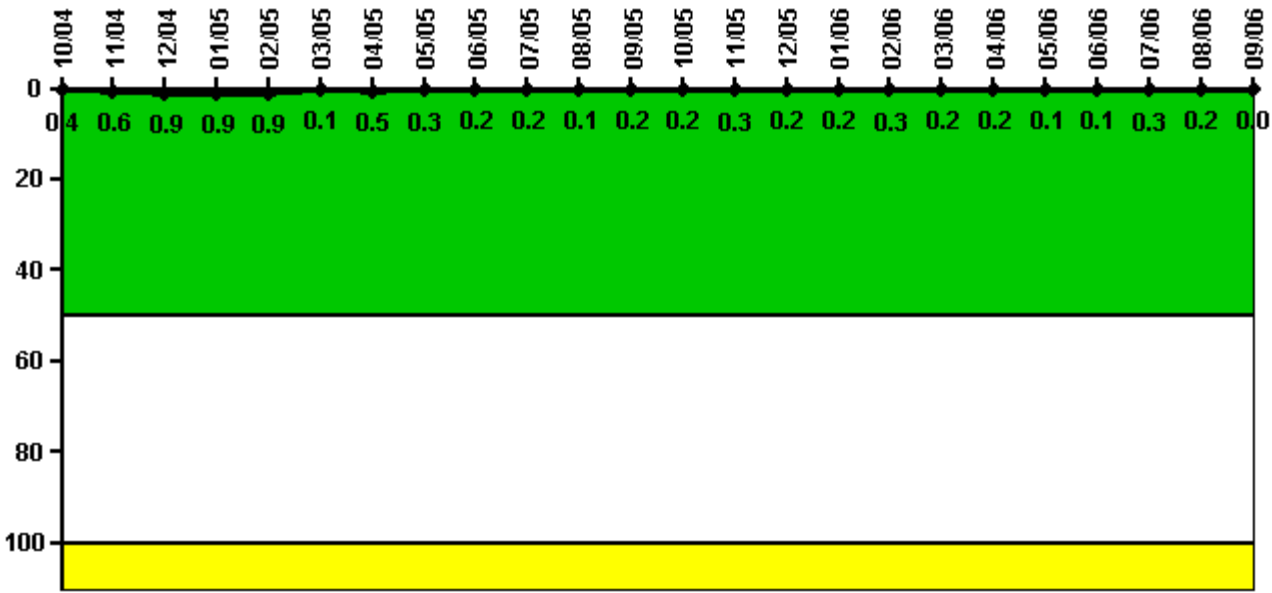
Notes

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.010550	0.011000	0.011300	0.011510	0.011750	N/A	0.008404	0.007575	0.009344	0.008591	0.008921	0.011280
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	4.0	4.2	4.3	4.3	4.4	N/A	3.2	2.9	3.5	3.2	3.4	4.3

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.012540	0.013960	0.014030	0.015620	0.017400	0.020090	0.020250	0.021810	N/A	0.023580	0.025830	0.027340
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	4.7	5.3	5.3	5.9	6.6	7.6	7.6	8.2	N/A	8.9	9.7	10.3

Licensee Comments: none

Reactor Coolant System Leakage



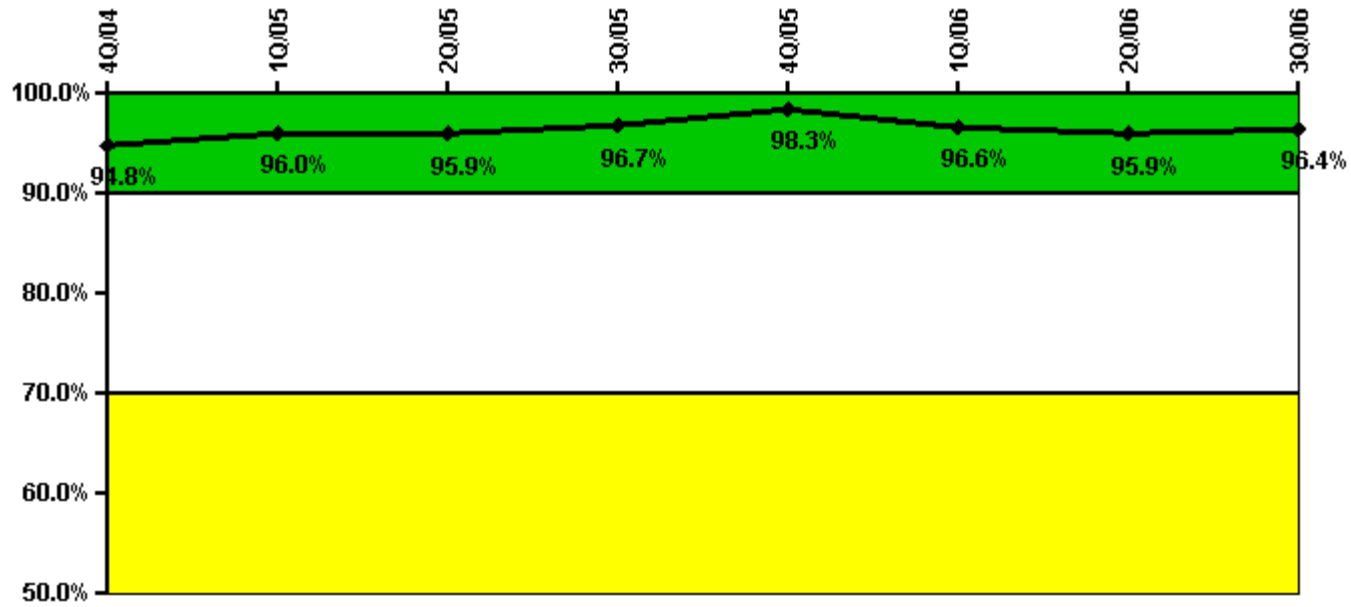
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.040	0.060	0.090	0.090	0.090	0.010	0.050	0.030	0.020	0.020	0.010	0.020
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	0.4	0.6	0.9	0.9	0.9	0.1	0.5	0.3	0.2	0.2	0.1	0.2
Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.020	0.030	0.020	0.020	0.030	0.020	0.020	0.010	0.010	0.030	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	0.3	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.3	0.2	0

Licensee Comments: none

Drill/Exercise Performance



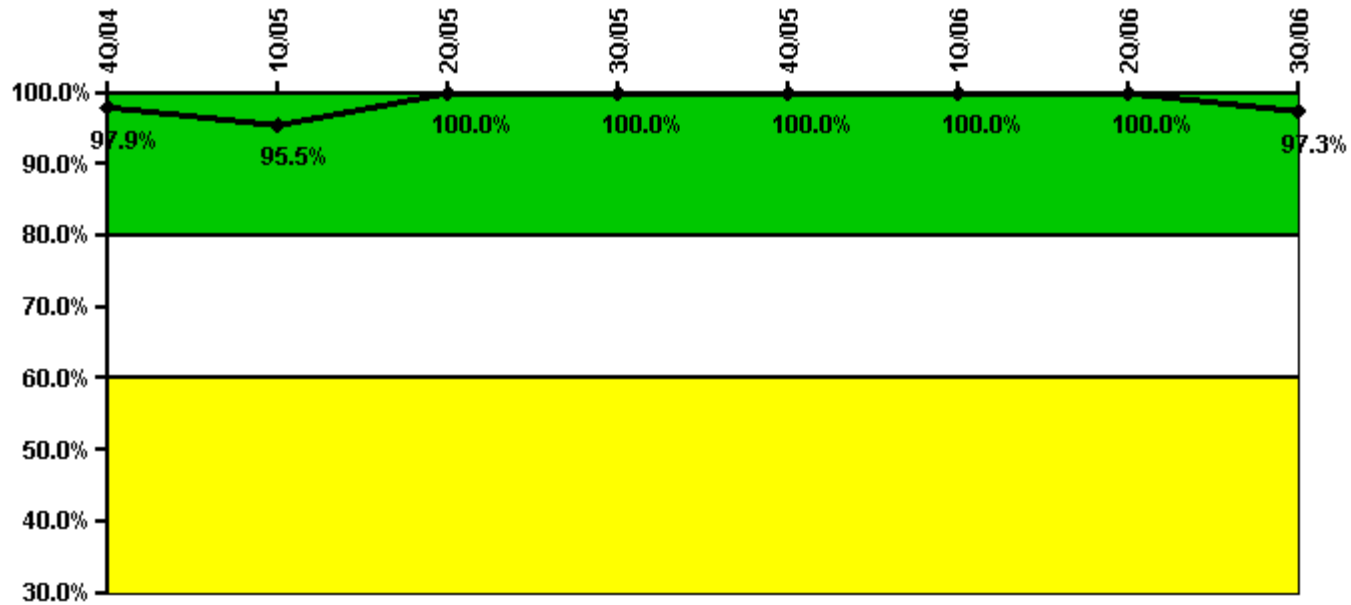
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	54.0	16.0	4.0	32.0	26.0	27.0	16.0	37.0
Total opportunities	56.0	16.0	4.0	32.0	26.0	30.0	18.0	38.0
Indicator value	94.8%	96.0%	95.9%	96.7%	98.3%	96.6%	95.9%	96.4%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

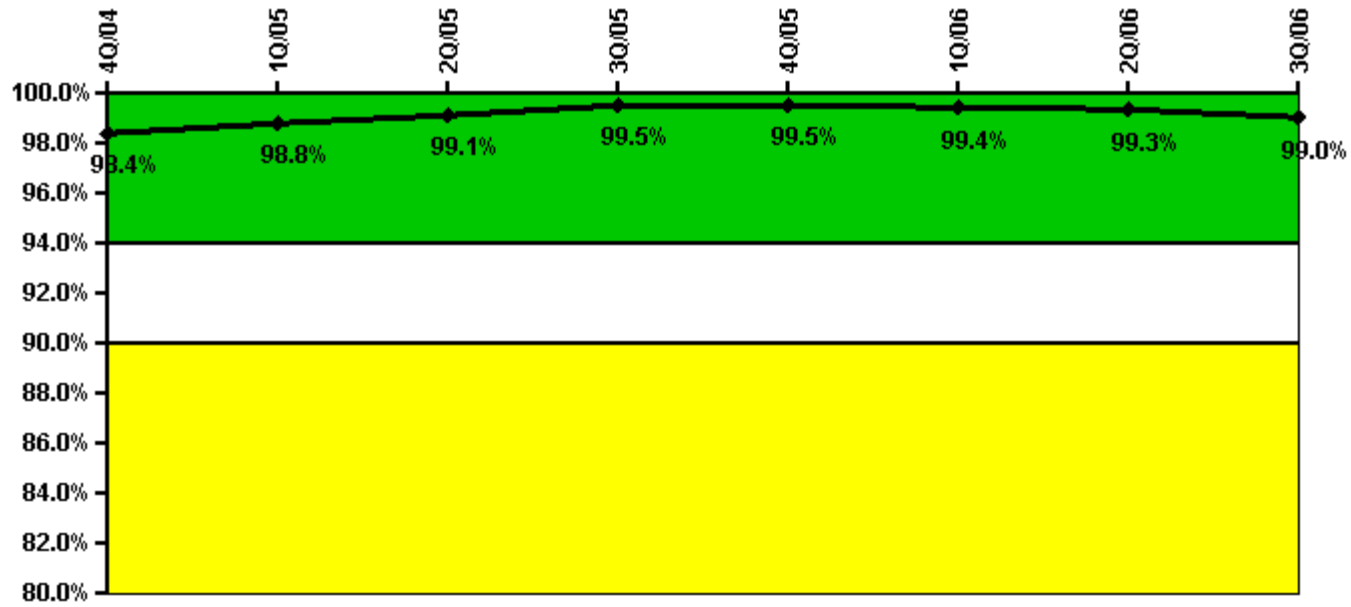
Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	47.0	63.0	69.0	72.0	70.0	73.0	79.0	71.0
Total Key personnel	48.0	66.0	69.0	72.0	70.0	73.0	79.0	73.0
Indicator value	97.9%	95.5%	100.0%	100.0%	100.0%	100.0%	100.0%	97.3%

Licensee Comments:

2Q/06: The data for Participating/Total Key Personnel during the month of May 2006 omitted one ERO member. The total number of Participating/Total Personnel for May 2006 has been changed from 77 to 78. This change does not affect the color of the indicator.

Alert & Notification System



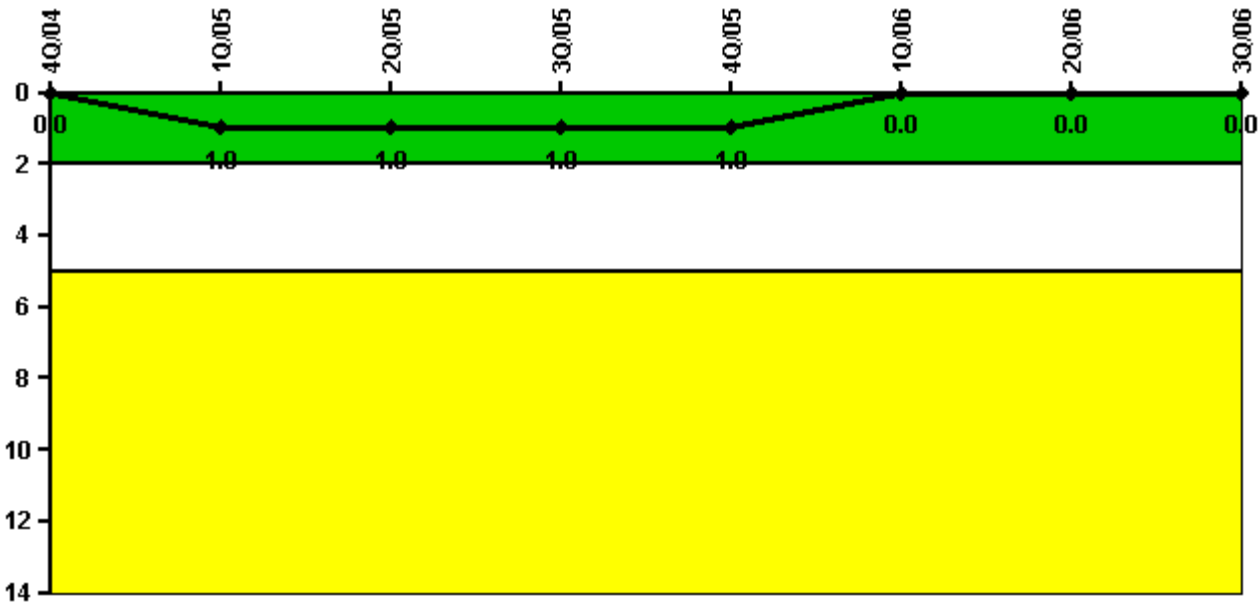
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	885	690	988	787	787	685	788	778
Total sirens-tests	891	693	990	792	792	693	792	792
Indicator value	98.4%	98.8%	99.1%	99.5%	99.5%	99.4%	99.3%	99.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
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	1	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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
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.