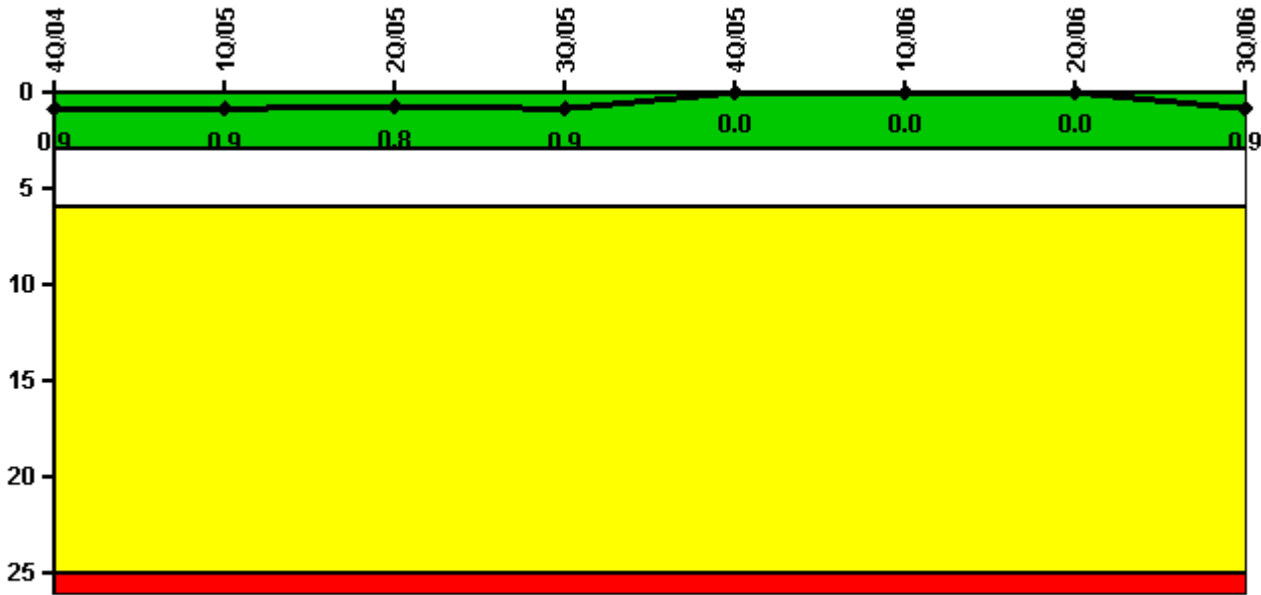


Vogtle 2

3Q/2006 Performance Indicators

Licensee's General Comments: Correction was made to CDE to change the CCPs from alternating run times to standby. This is in accordance with the basis document and only a CDE change.

Unplanned Scrams per 7000 Critical Hrs



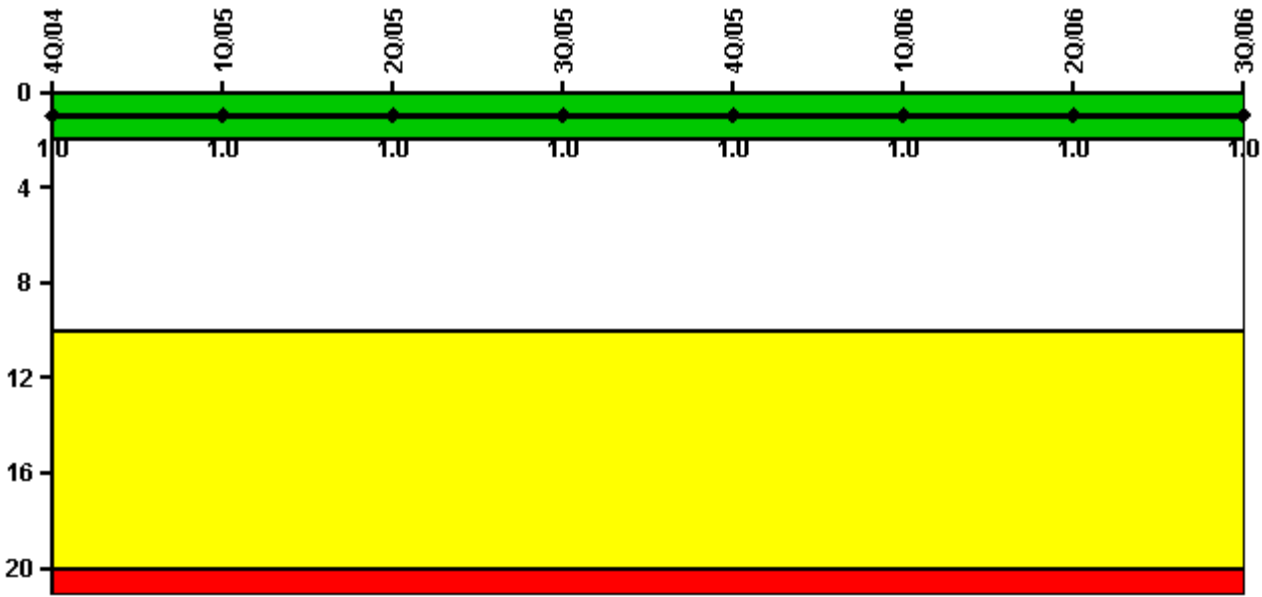
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0	0	1.0
Critical hours	2172.2	2160.0	1795.9	1900.5	1664.3	1619.3	2170.6	2088.0
Indicator value	0.9	0.9	0.8	0.9	0	0	0	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



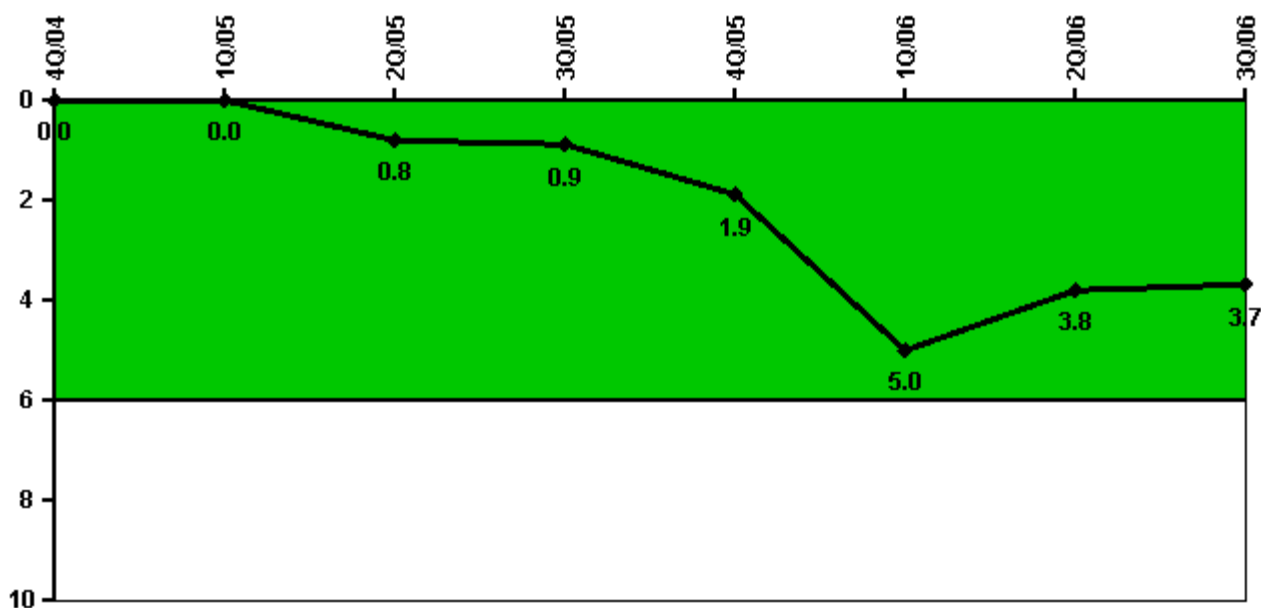
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	1.0	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



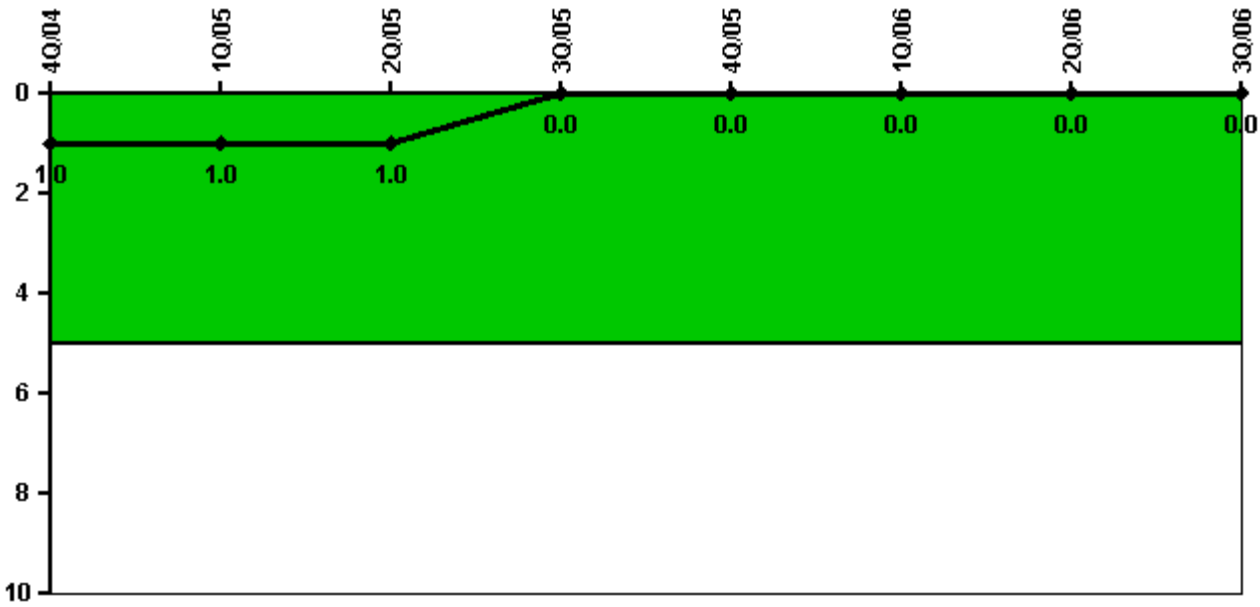
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	0	1.0	0	1.0	3.0	0	0
Critical hours	2172.2	2160.0	1795.9	1900.5	1664.3	1619.3	2170.6	2088.0
Indicator value	0	0	0.8	0.9	1.9	5.0	3.8	3.7

Licensee Comments: none

Safety System Functional Failures (PWR)



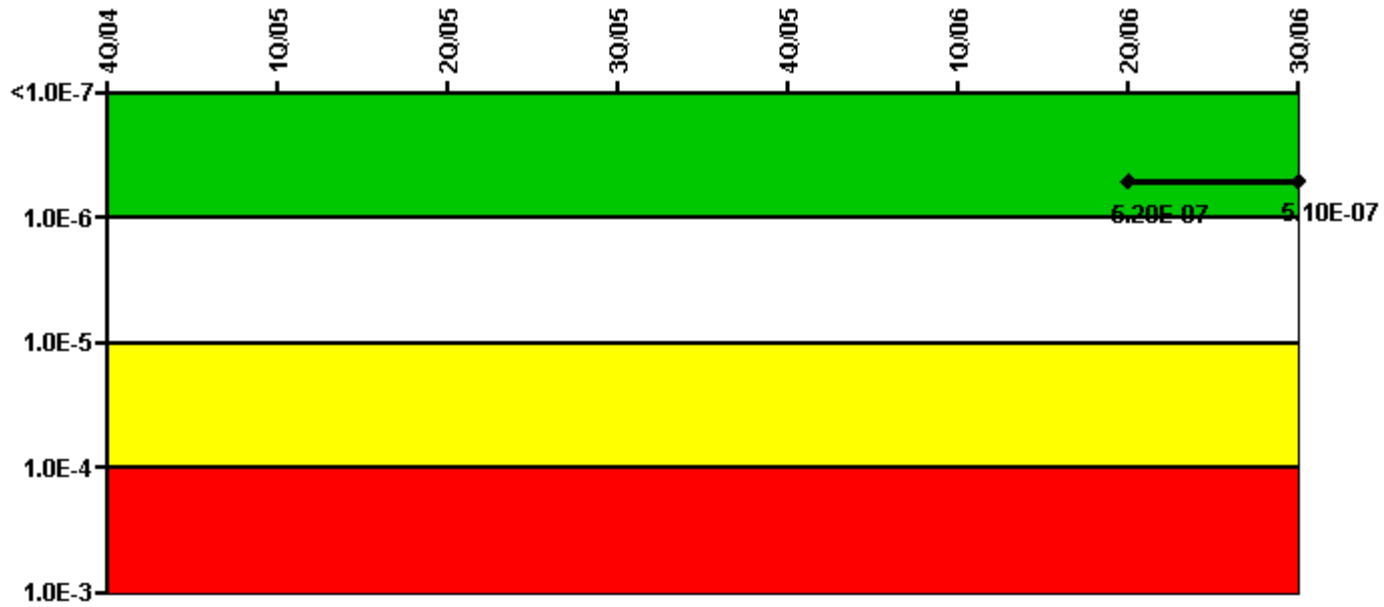
Thresholds: White > 5.0

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	0	0	0	0	0	0
Indicator value	1	1	1	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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-1.10E-07	-1.10E-07
URI (Δ CDF)							6.30E-07	6.20E-07
PLE							NO	NO
Indicator value							5.20E-07	5.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



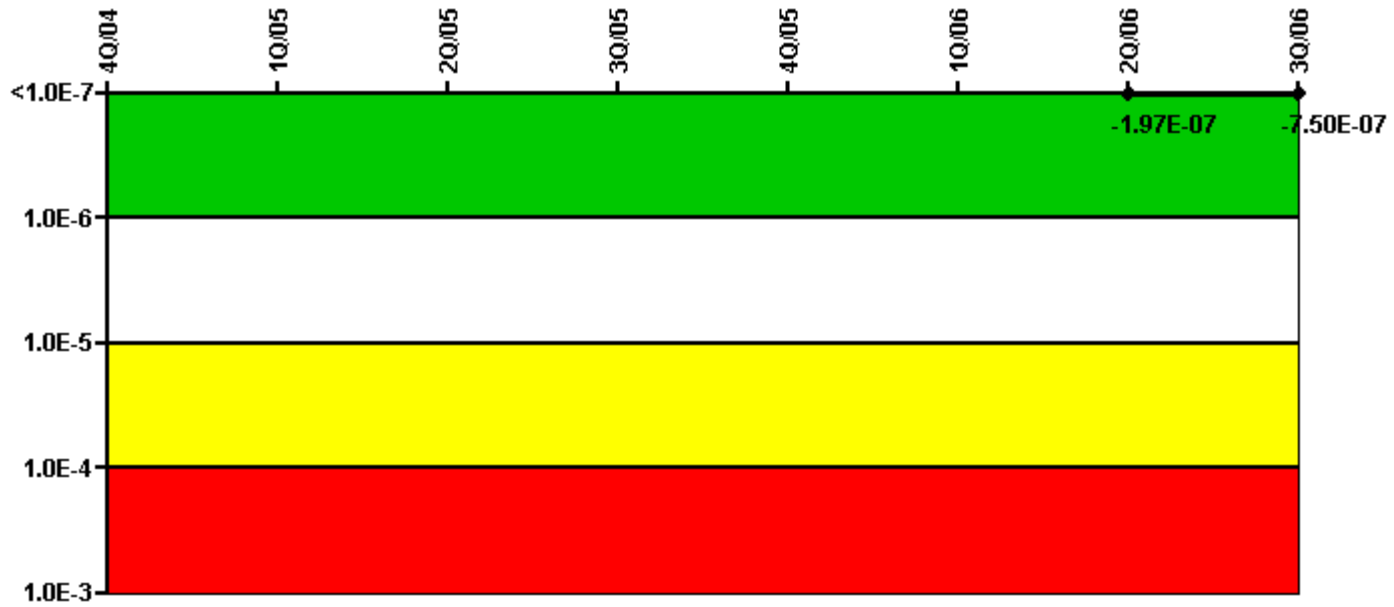
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							6.40E-09	2.90E-09
URI (Δ CDF)							-9.20E-09	-9.50E-09
PLE							NO	NO
Indicator value							-2.80E-09	-6.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



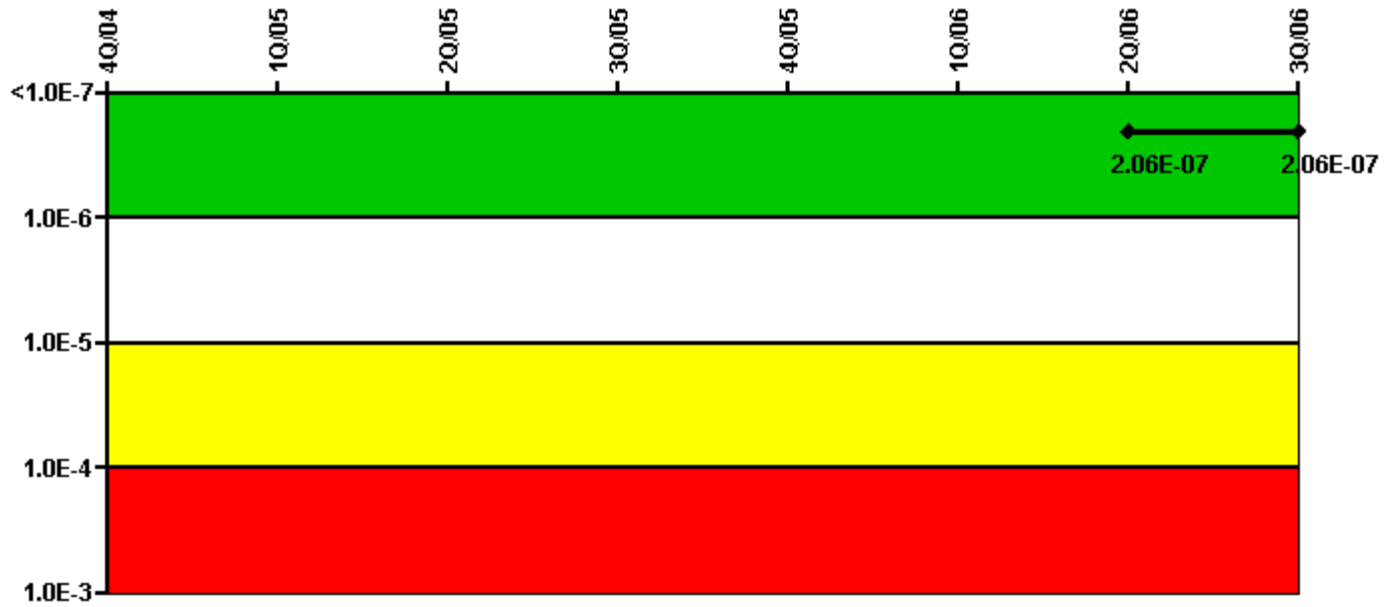
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-9.80E-08	-1.00E-07
URI (Δ CDF)							-9.90E-08	-6.50E-07
PLE							NO	NO
Indicator value							-1.97E-07	-7.50E-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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							6.20E-09	6.10E-09
URI (Δ CDF)							2.00E-07	2.00E-07
PLE							NO	NO
Indicator value							2.06E-07	2.06E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

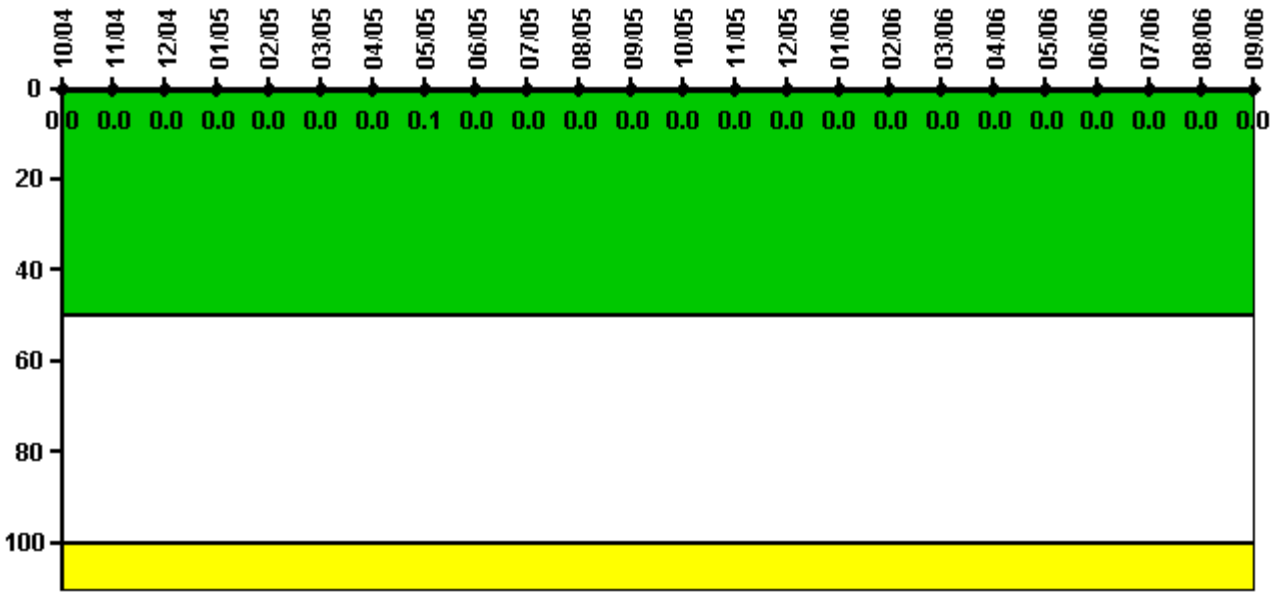
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							-4.70E-08	-4.70E-08
URI (ΔCDF)							9.80E-07	1.10E-06
PLE							NO	NO
Indicator value							9.33E-07	1.05E-06

Licensee Comments:

3Q/06: Risk Cap Invoked. Unit 2 Cooling Water System 1 (NSCW) has an MSPI value of 1.1 E-06 and is therefore white. This is primarily due to 3 failures. The first failure is associated with an unexpected removal of the A train from service during pump 1 maintenance, July 2004. The second was a valve failure associated with a wiring error, November 2005. The third failure was a failure of pump 1 to continue running after start. This was caused by an agastat relay problem. A FAQ is being developed to determine if the first failure should be counted. This was a discovered condition, that although not annunciated was immediately known. If this failure were not counted the MSPI value would be 5.2 E-07.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

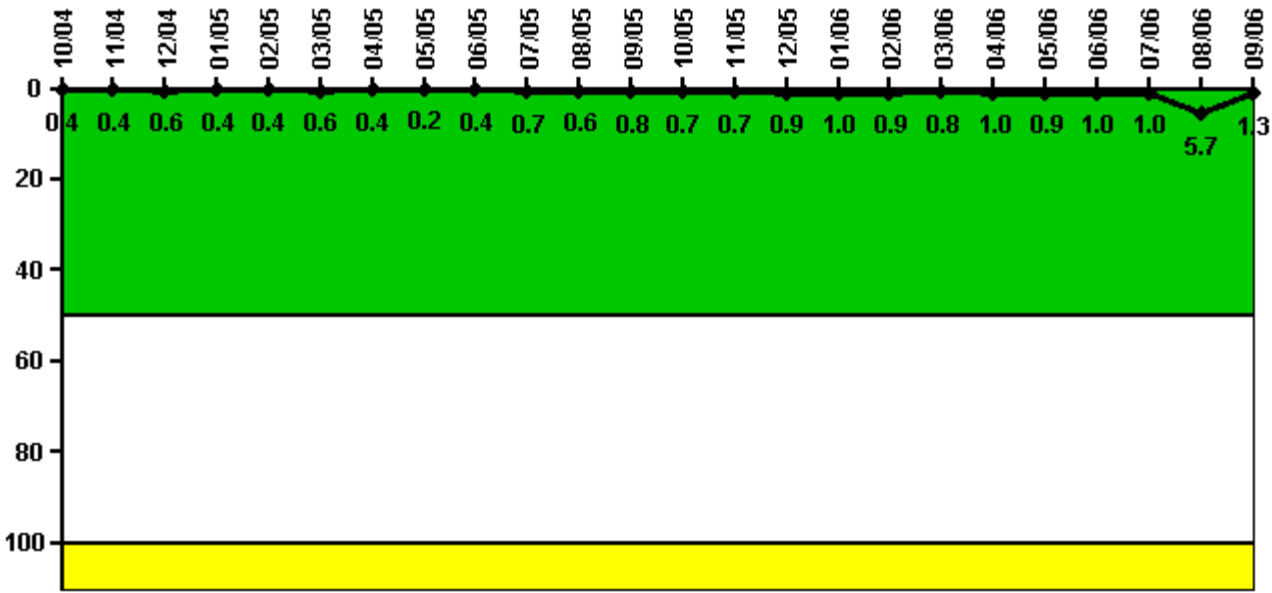
Notes

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	0.000235	0.000300	0.000307	0.000314	0.000334	0.000340	0.000374	0.000700	0.000370	0.000377	0.000378	0.000386
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	0	0	0	0

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	0.000191	0.000210	0.000200	0.000234	0.000225	0.000233	0.000183	0.000210	0.000157	0.000163	0.000241	0.000175
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

Licensee Comments: none

Reactor Coolant System Leakage



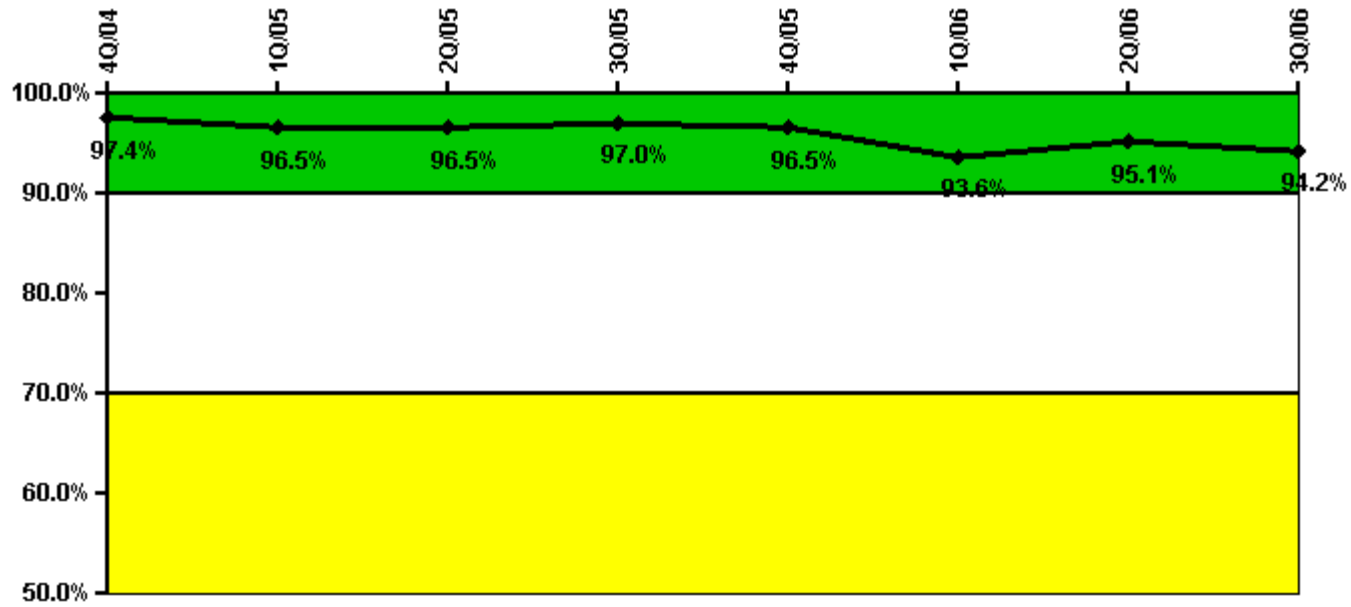
Thresholds: White > 50.0 Yellow > 100.0

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	0.042	0.044	0.058	0.042	0.044	0.056	0.044	0.017	0.043	0.067	0.063	0.078
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	0.4	0.6	0.4	0.4	0.6	0.4	0.2	0.4	0.7	0.6	0.8
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	0.067	0.074	0.088	0.095	0.085	0.082	0.096	0.094	0.103	0.102	0.566	0.129
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	0.7	0.9	1.0	0.9	0.8	1.0	0.9	1.0	1.0	5.7	1.3

Licensee Comments: none

Drill/Exercise Performance



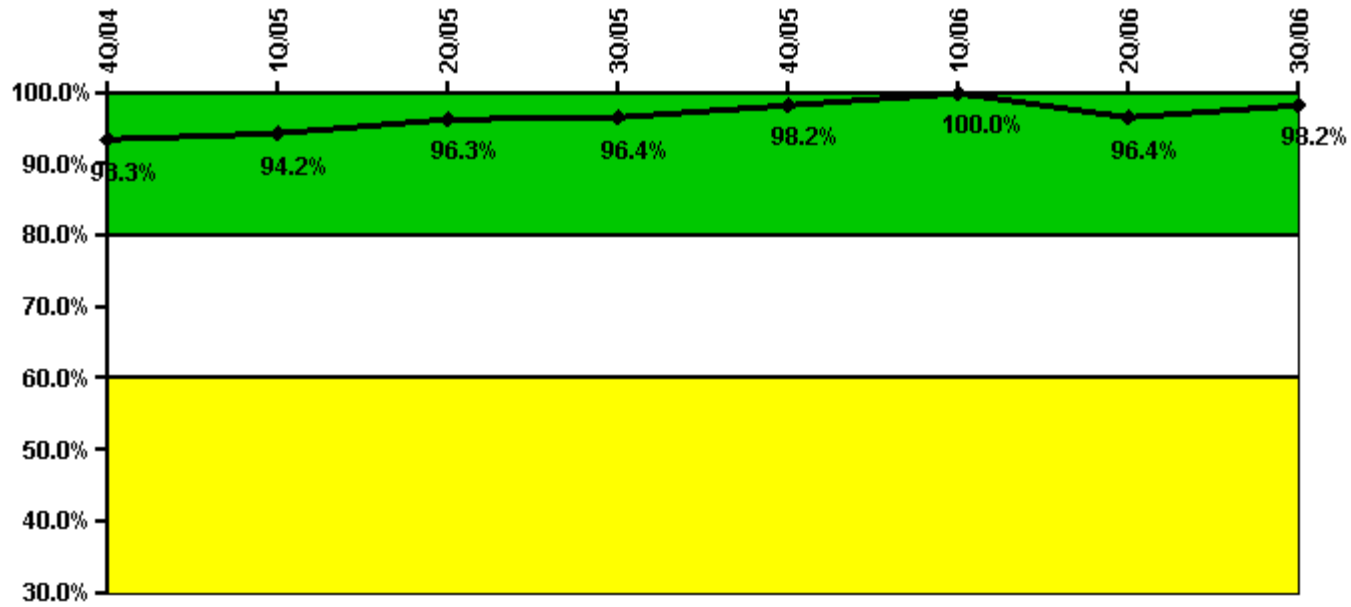
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	3.0	38.0	16.0	52.0	37.0	86.0	100.0	104.0
Total opportunities	4.0	42.0	16.0	52.0	39.0	98.0	100.0	112.0
Indicator value	97.4%	96.5%	96.5%	97.0%	96.5%	93.6%	95.1%	94.2%

Licensee Comments: none

ERO Drill Participation



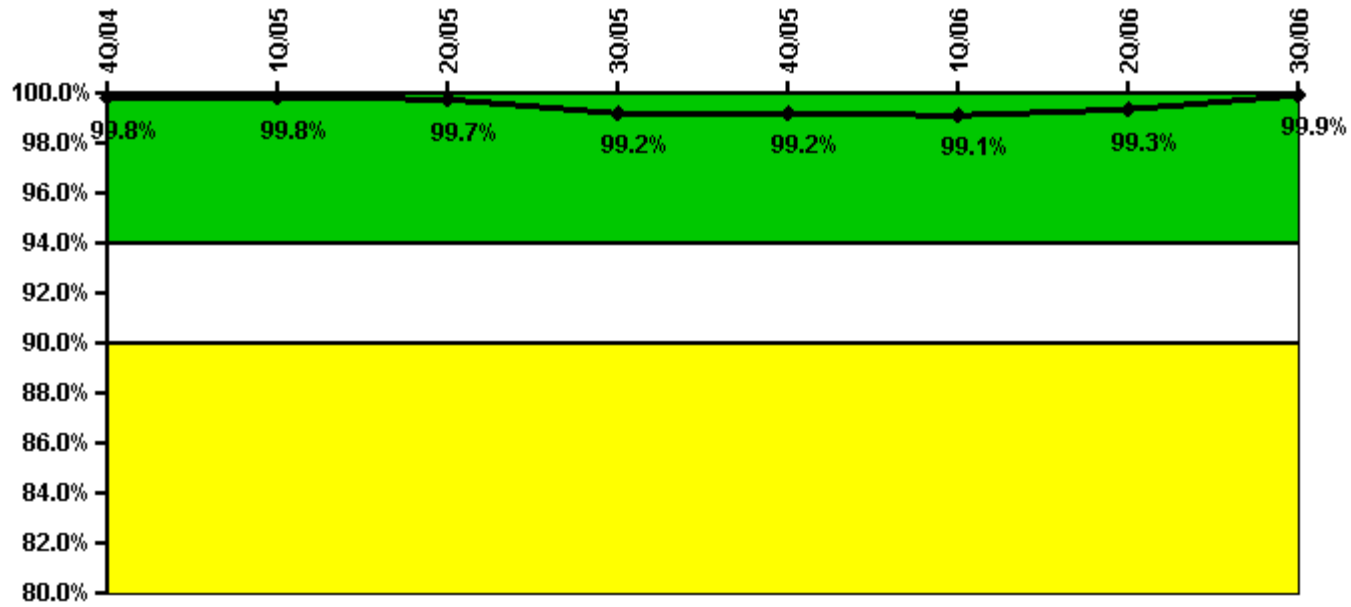
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	97.0	98.0	104.0	106.0	111.0	110.0	108.0	111.0
Total Key personnel	104.0	104.0	108.0	110.0	113.0	110.0	112.0	113.0
Indicator value	93.3%	94.2%	96.3%	96.4%	98.2%	100.0%	96.4%	98.2%

Licensee Comments: none

Alert & Notification System



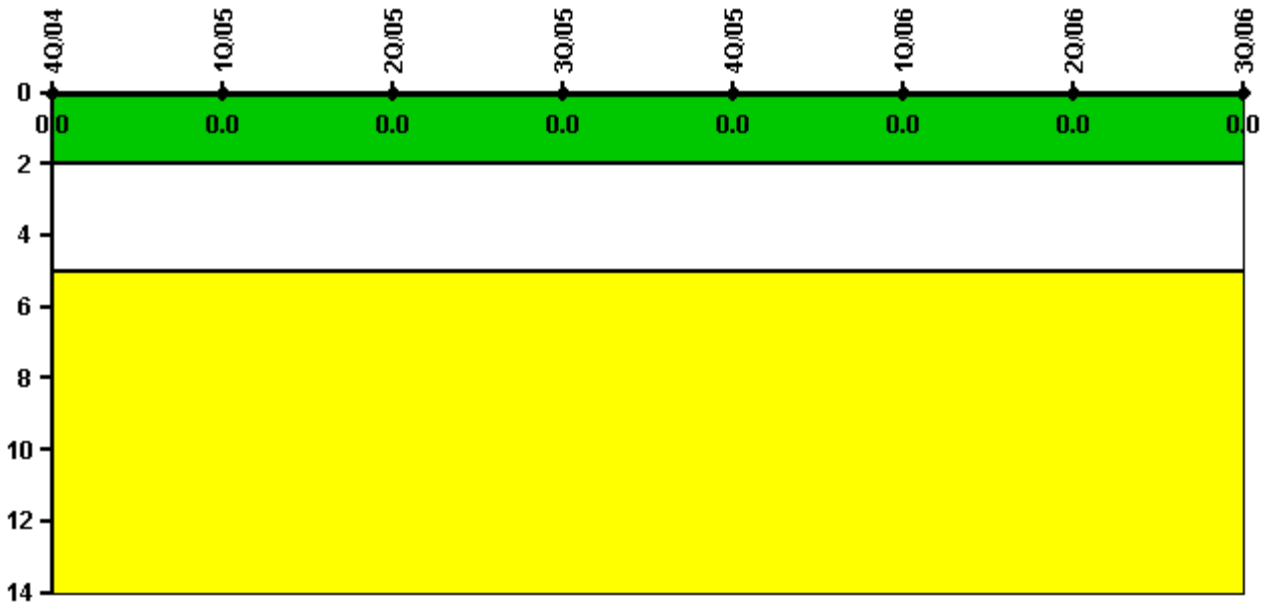
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	610	611	607	596	610	610	611	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	99.8%	99.8%	99.7%	99.2%	99.2%	99.1%	99.3%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



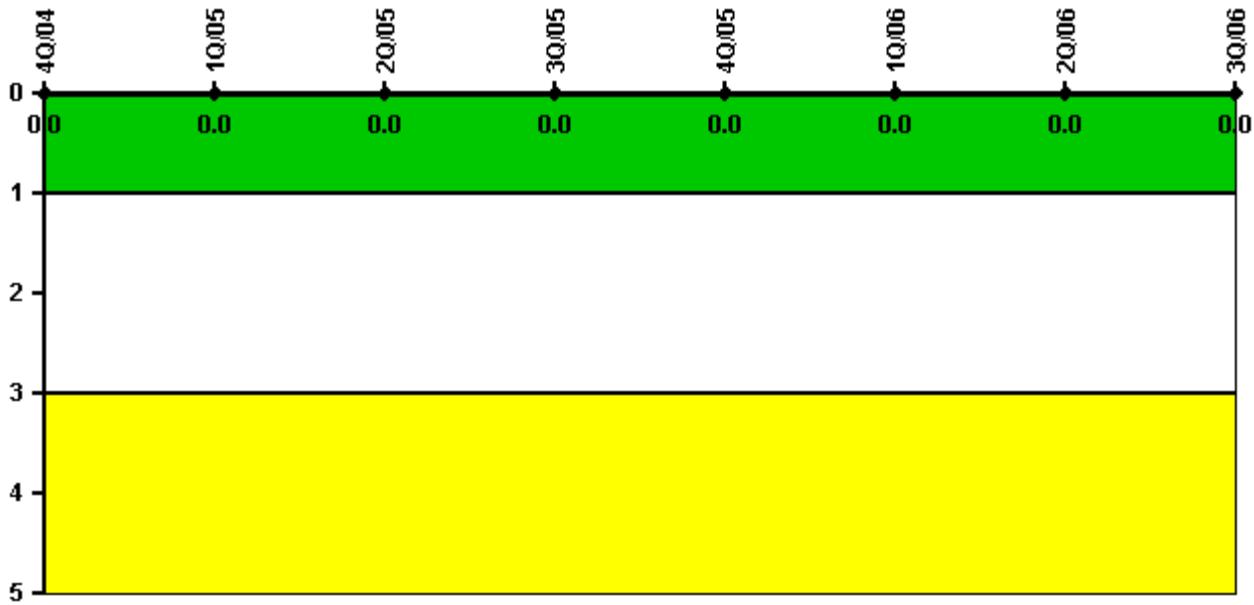
Thresholds: White > 2.0 Yellow > 5.0

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	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	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.