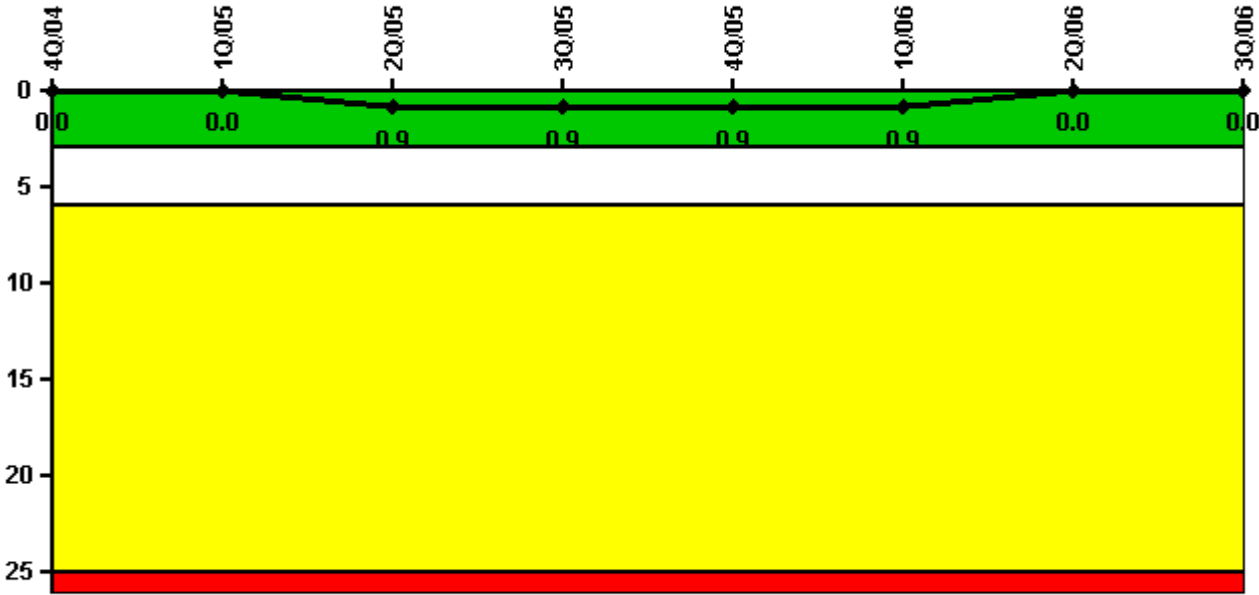


Seabrook 1

3Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



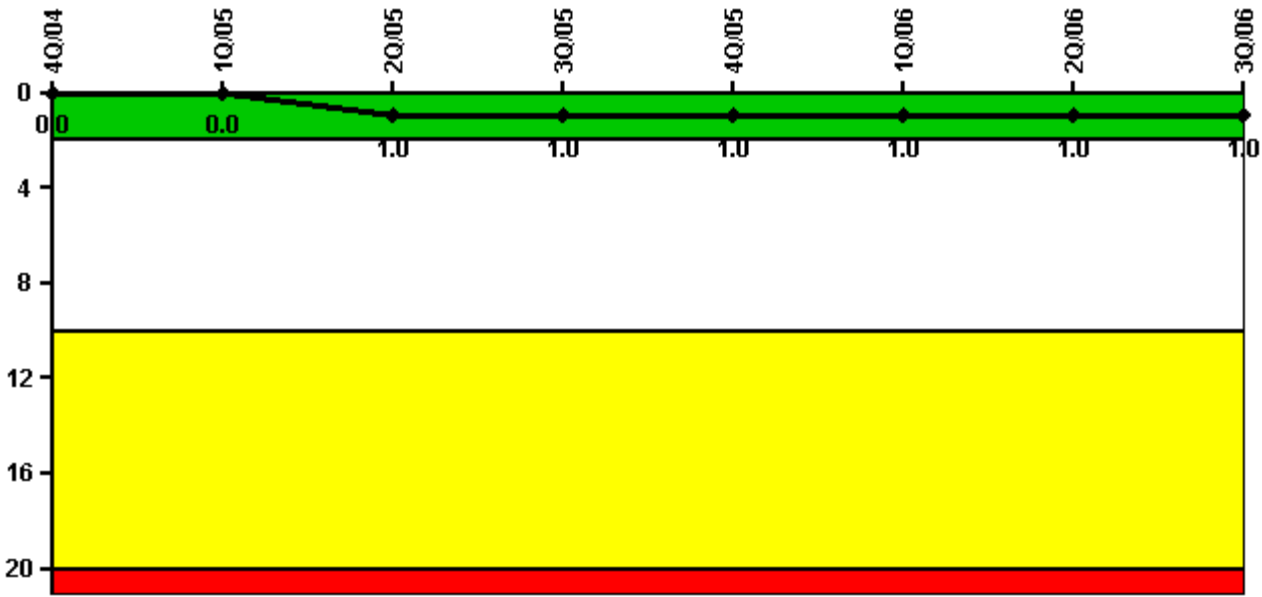
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	0
Critical hours	2209.0	2142.9	1454.0	2208.0	2209.0	2160.0	2183.0	2138.3
Indicator value	0	0	0.9	0.9	0.9	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



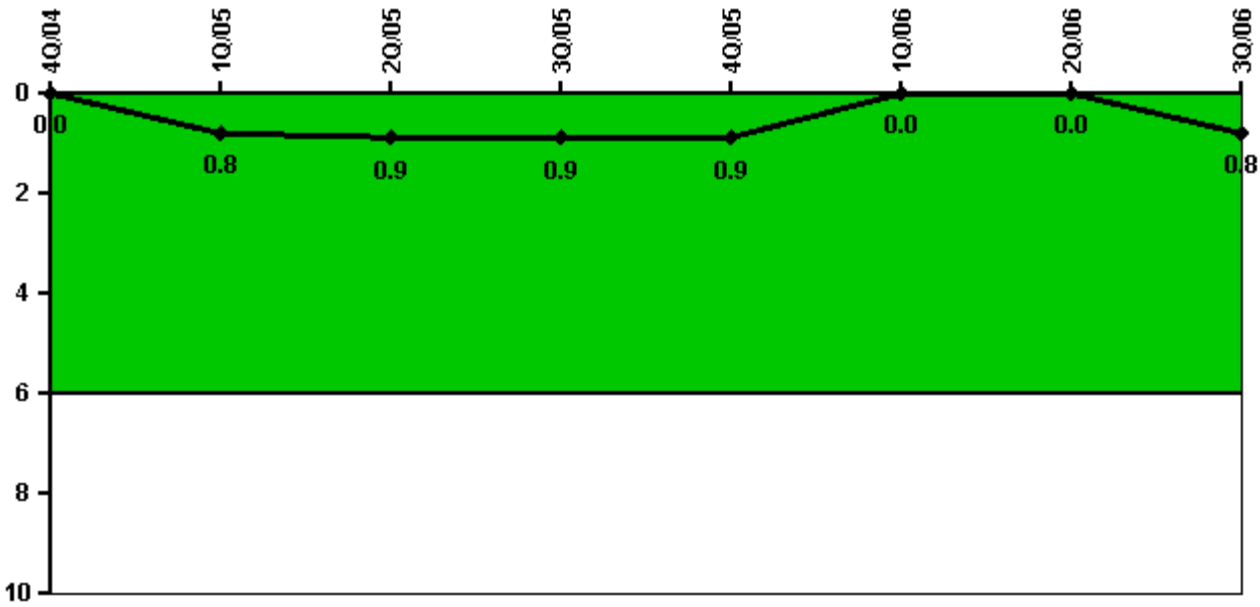
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	0	0	1.0	0	0	0	0	0
Indicator value	0	0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



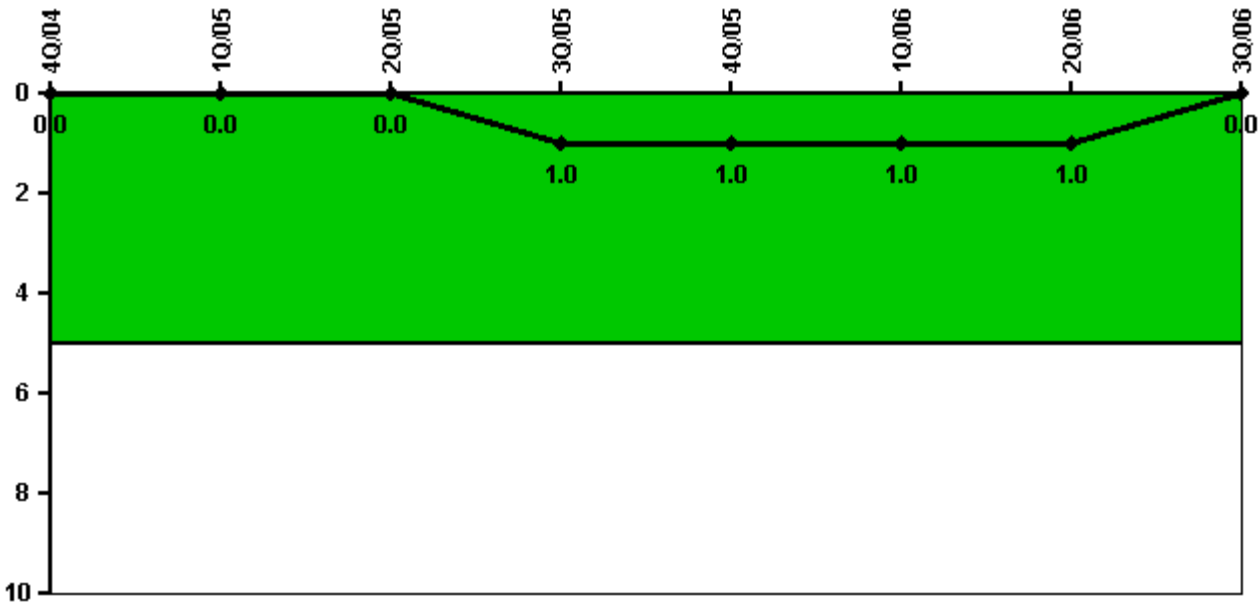
Thresholds: White > 6.0

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	1.0	0	0	0	0	0	1.0
Critical hours	2209.0	2142.9	1454.0	2208.0	2209.0	2160.0	2183.0	2138.3
Indicator value	0	0.8	0.9	0.9	0.9	0	0	0.8

Licensee Comments: none

Safety System Functional Failures (PWR)



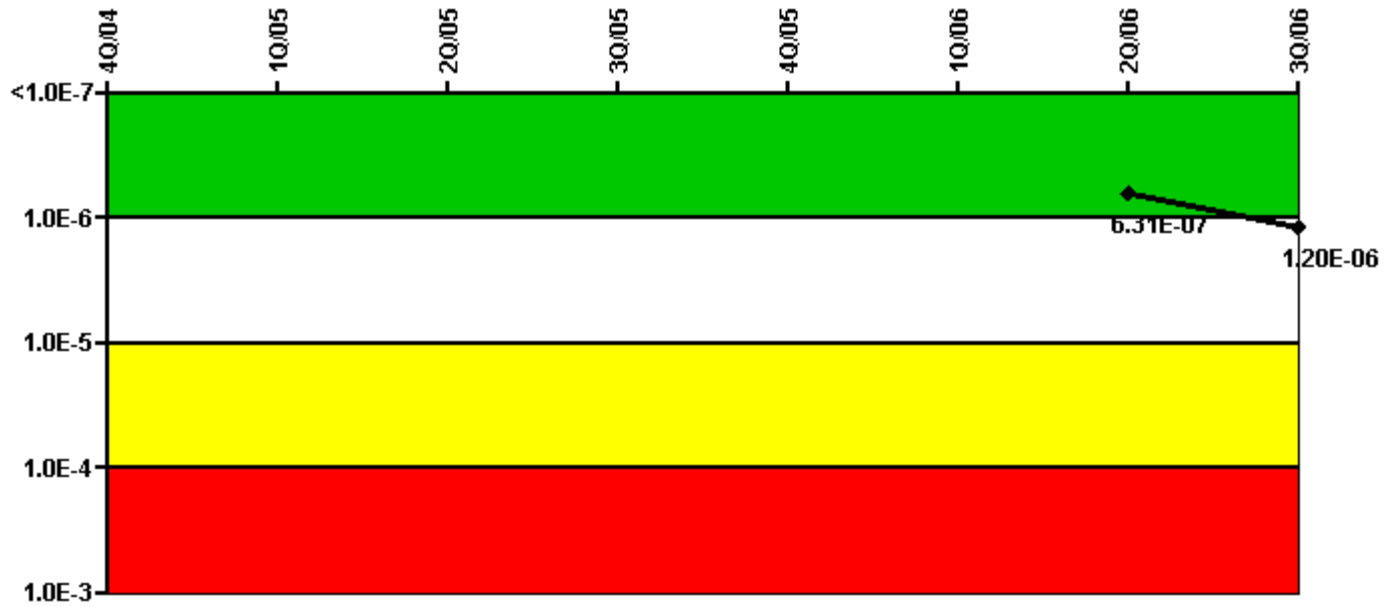
Thresholds: White > 5.0

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	1	0	0	0	0
Indicator value	0	0	0	1	1	1	1	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)							-9.90E-08	-1.00E-07
URI (Δ CDF)							7.30E-07	1.30E-06
PLE							NO	NO
Indicator value							6.31E-07	1.20E-06

Licensee Comments:

3Q/06: PRA model updated with effective date of 10/1/2006. There has been no change to 3rd quarter PRA data.

2Q/06: Changed PRA Parameter(s). Removed unavailability that occurred during subcritical time. Removed unplanned unavailability in accordance with NEI guidance. PRA model updated effective 10/1/2006. There are no changes to 2nd quarter PRA data.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

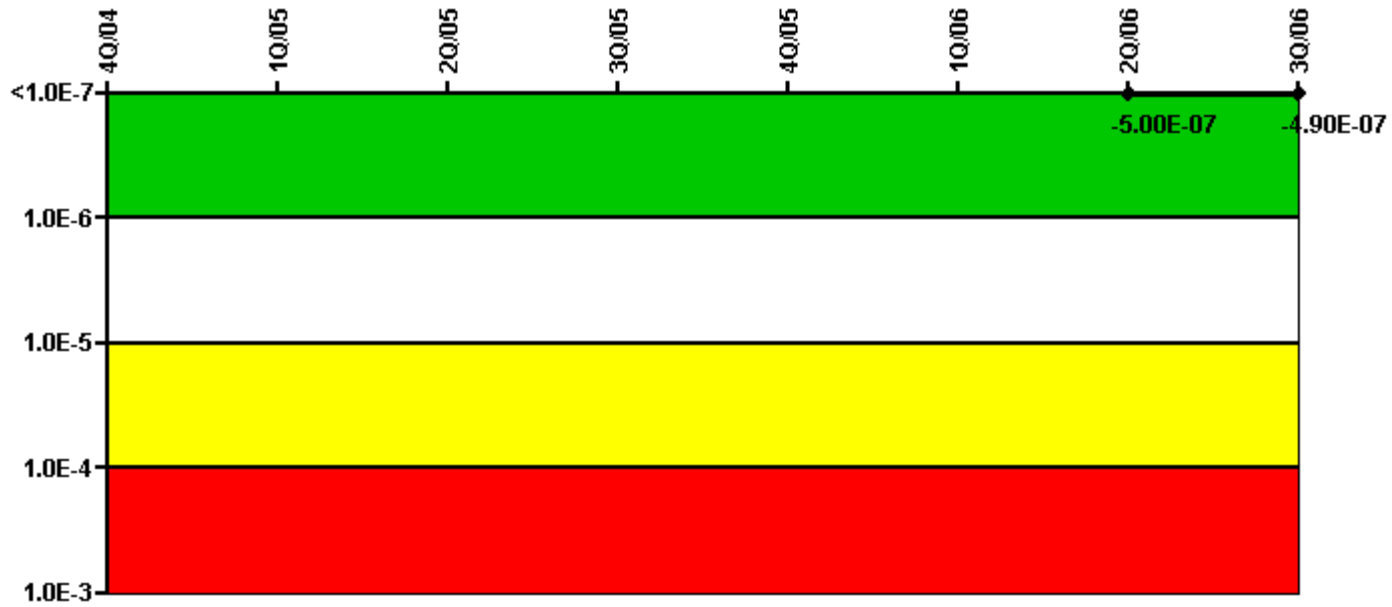
Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-1.70E-08	-1.80E-08
URI (Δ CDF)							-2.60E-08	-2.60E-08
PLE							NO	NO
Indicator value							-4.30E-08	-4.40E-08

Licensee Comments:

3Q/06: PRA model updated with effective date of 10/1/2006. There has been no change to 3rd quarter PRA data.

2Q/06: Changed PRA Parameter(s). Removed unavailability that occurred during subcritical time. Removed unplanned unavailability in accordance with NEI guidance. PRA model updated effective 10/1/2006. There are no changes to 2nd quarter PRA data.

Mitigating Systems Performance Index, Heat Removal System



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

Notes

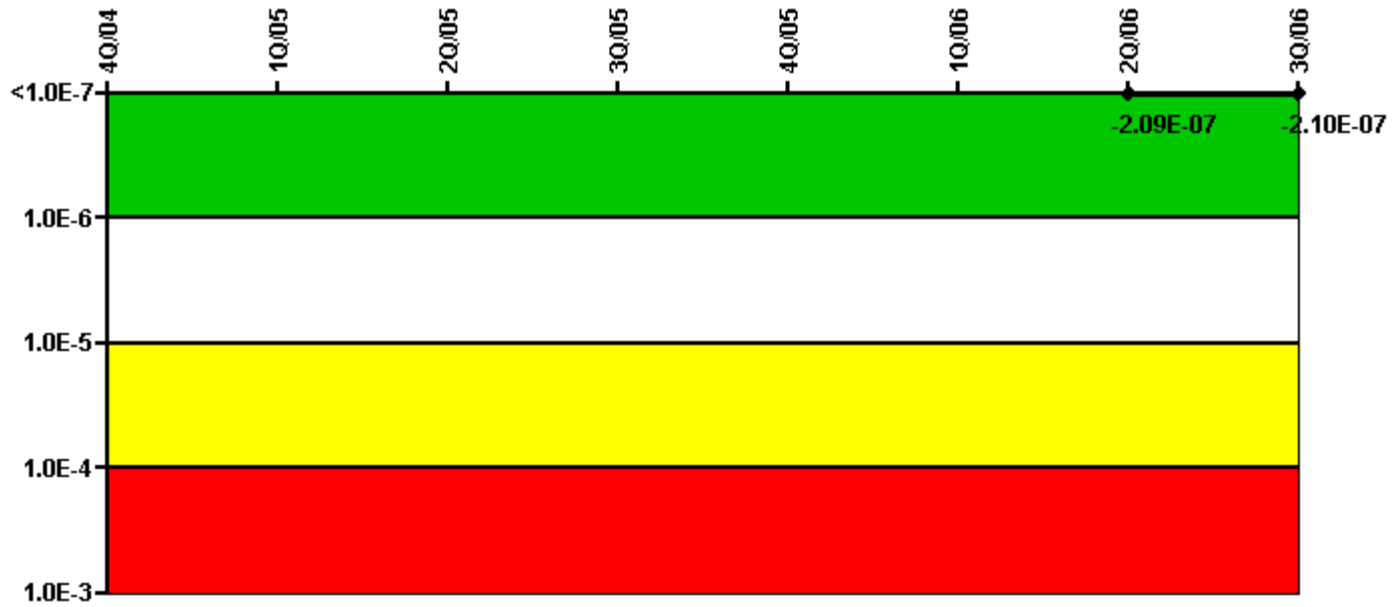
Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							-1.80E-07	-1.60E-07
URI (ΔCDF)							-3.20E-07	-3.30E-07
PLE							NO	NO
Indicator value							-5.00E-07	-4.90E-07

Licensee Comments:

3Q/06: PRA model updated with effective date of 10/1/2006. There has been no change to 3rd quarter PRA data.

2Q/06: Changed PRA Parameter(s). Removed unavailability that occurred during subcritical time. Removed unplanned unavailability in accordance with NEI guidance. PRA model updated effective 10/1/2006. There are no changes to 2nd quarter PRA data.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

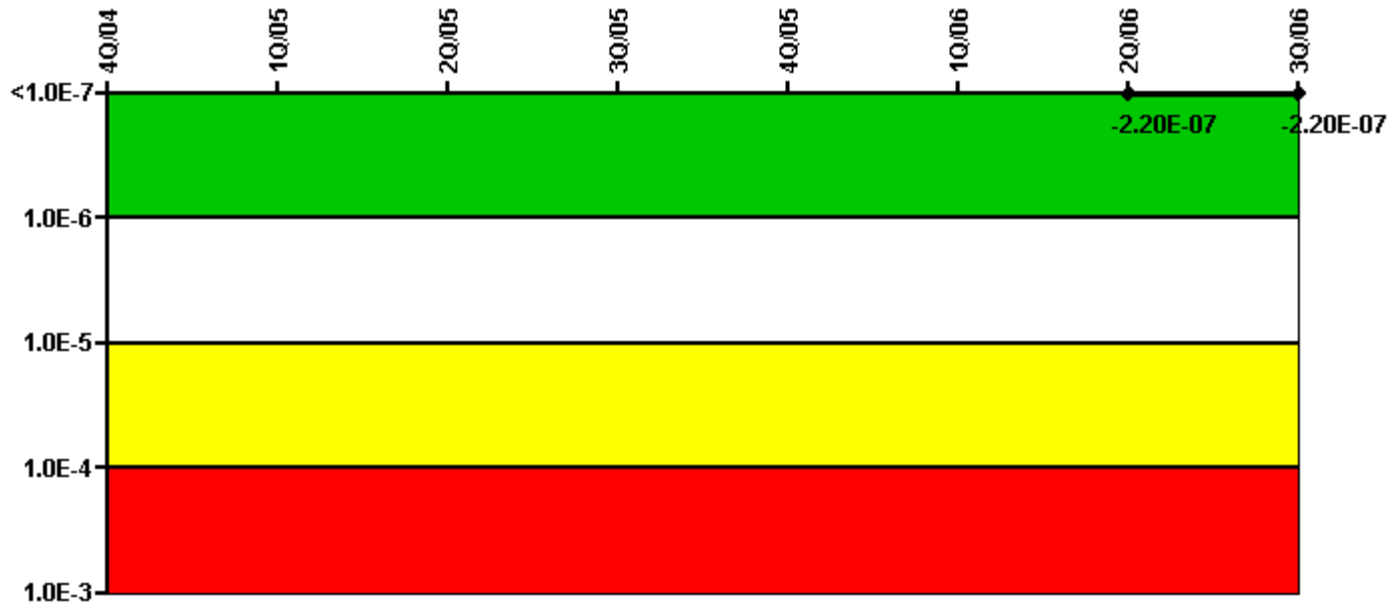
Mitigating Systems Performance Index, Residual Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-4.90E-08	-5.00E-08
URI (Δ CDF)							-1.60E-07	-1.60E-07
PLE							NO	NO
Indicator value							-2.09E-07	-2.10E-07

Licensee Comments:

3Q/06: PRA model updated with effective date of 10/1/2006. There has been no change to 3rd quarter PRA data.

2Q/06: Changed PRA Parameter(s). Removed unavailability that occurred during subcritical time. Removed unplanned unavailability in accordance with NEI guidance. PRA model updated effective 10/1/2006. There are no changes to 2nd quarter PRA data.

Mitigating Systems Performance Index, Cooling Water Systems



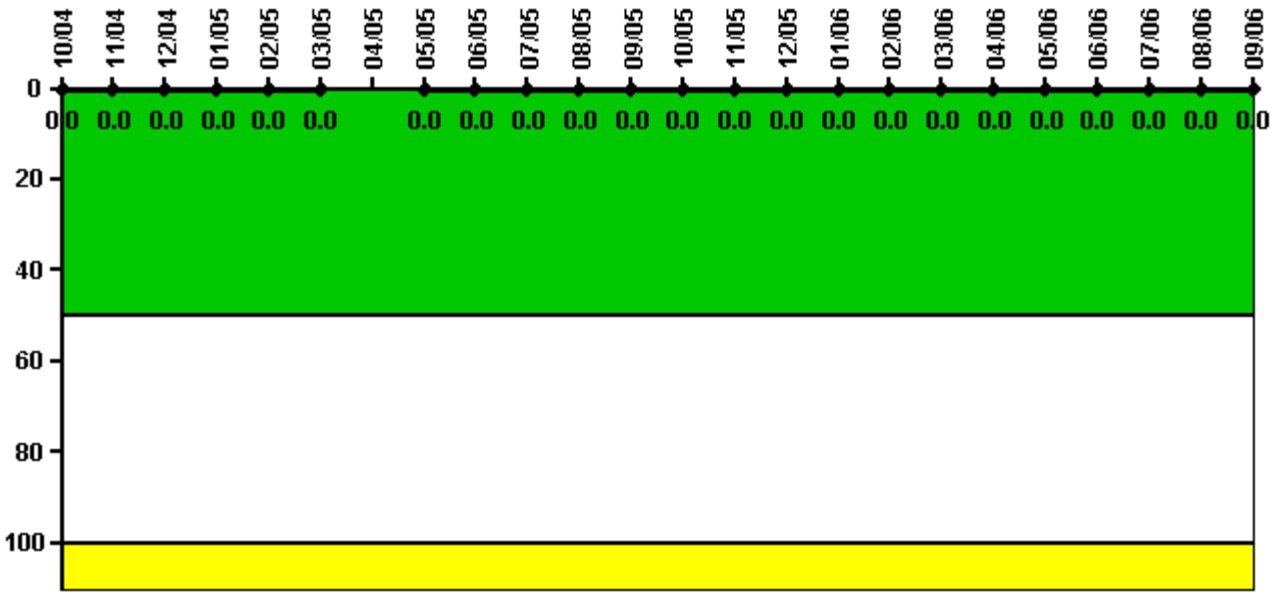
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)							-1.10E-11	-1.10E-11
URI (ΔCDF)							-2.20E-07	-2.20E-07
PLE							NO	NO
Indicator value							-2.20E-07	-2.20E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

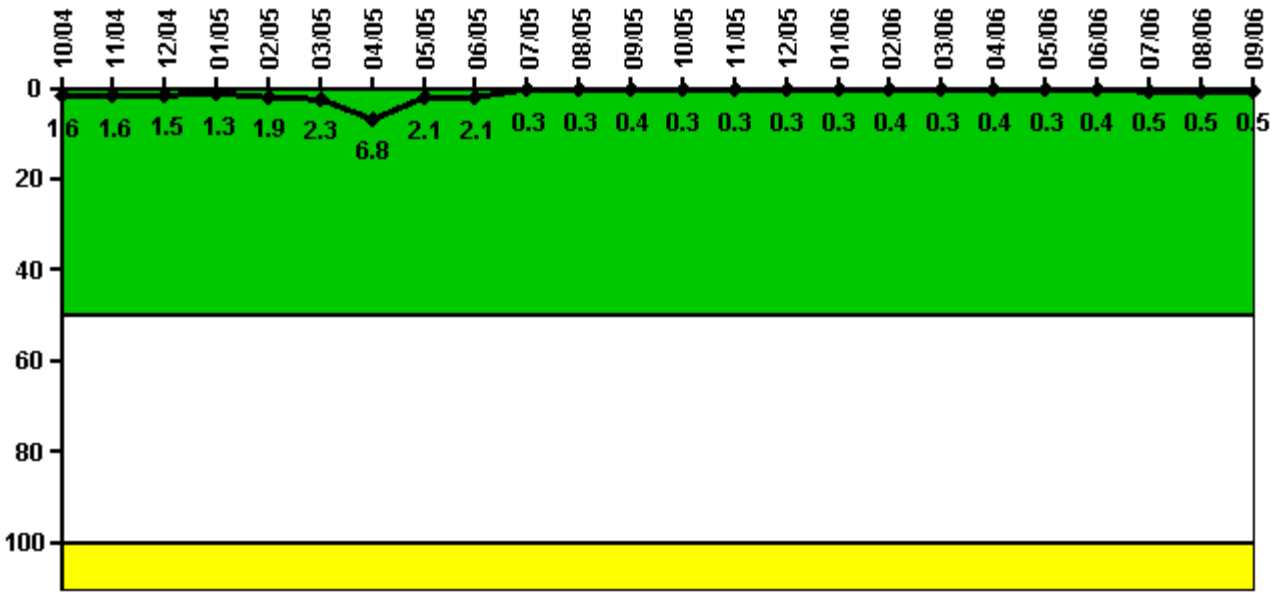
Notes

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	0.000176	0.000232	0.000188	0.000182	0.000186	0.000234	N/A	0.000062	0.000074	0.000085	0.000086	0.000082
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	N/A	0	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	0.000094	0.000087	0.000108	0.000099	0.000098	0.000106	0.000126	0.000123	0.000104	0.000112	0.000104	0.000125
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

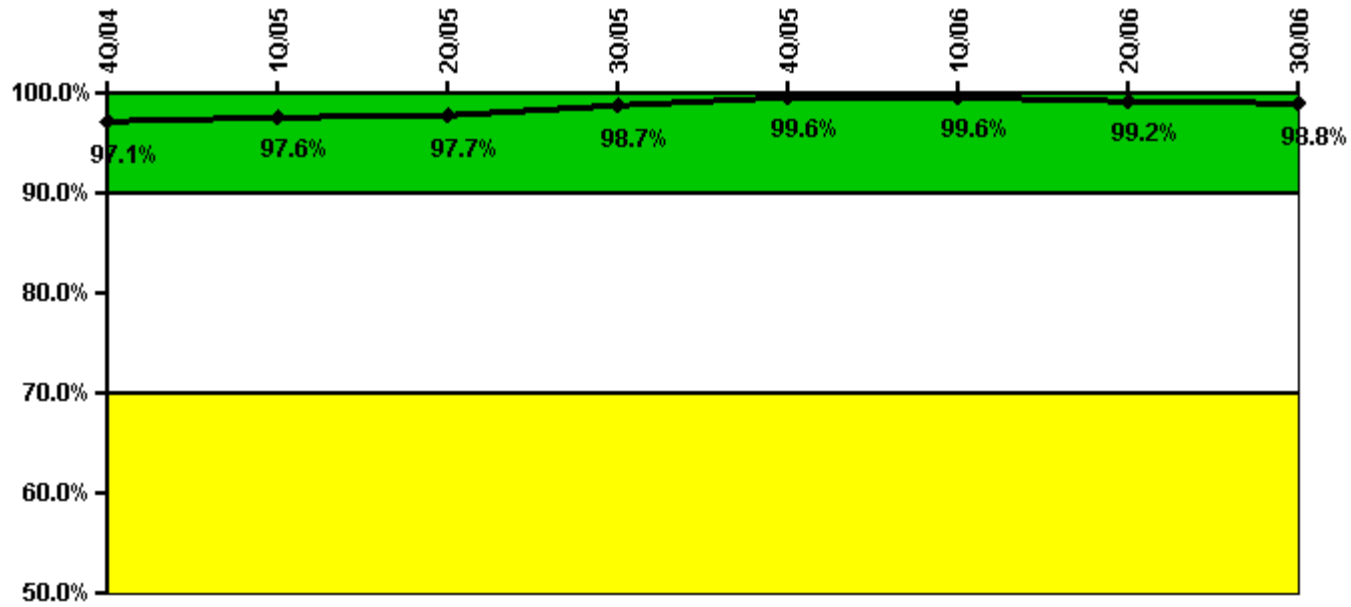
Notes

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	0.161	0.157	0.150	0.130	0.190	0.226	0.680	0.210	0.205	0.031	0.030	0.040
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	1.6	1.5	1.3	1.9	2.3	6.8	2.1	2.1	0.3	0.3	0.4

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	0.032	0.031	0.033	0.030	0.040	0.034	0.040	0.031	0.040	0.046	0.050	0.050
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	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.4	0.5	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



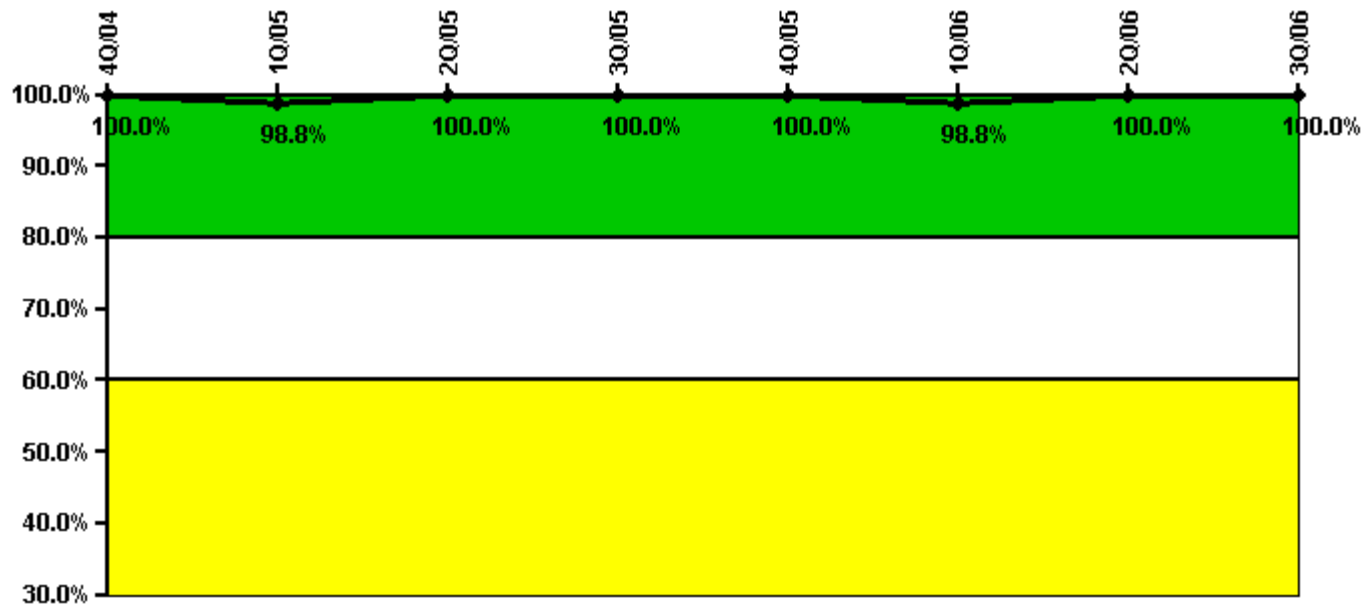
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	48.0	24.0	22.0	41.0	37.0	28.0	27.0	24.0
Total opportunities	49.0	24.0	22.0	41.0	37.0	28.0	28.0	25.0
Indicator value	97.1%	97.6%	97.7%	98.7%	99.6%	99.6%	99.2%	98.8%

Licensee Comments: none

ERO Drill Participation



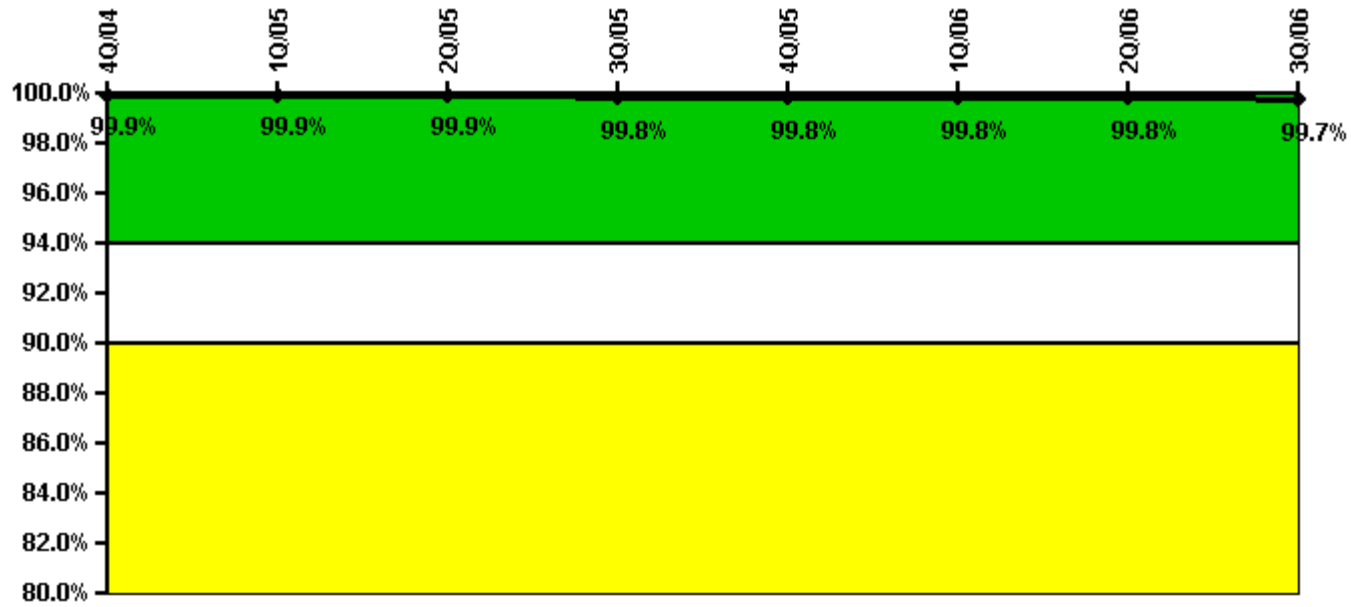
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	79.0	81.0	91.0	80.0	79.0	79.0	81.0	84.0
Total Key personnel	79.0	82.0	91.0	80.0	79.0	80.0	81.0	84.0
Indicator value	100.0%	98.8%	100.0%	100.0%	100.0%	98.8%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



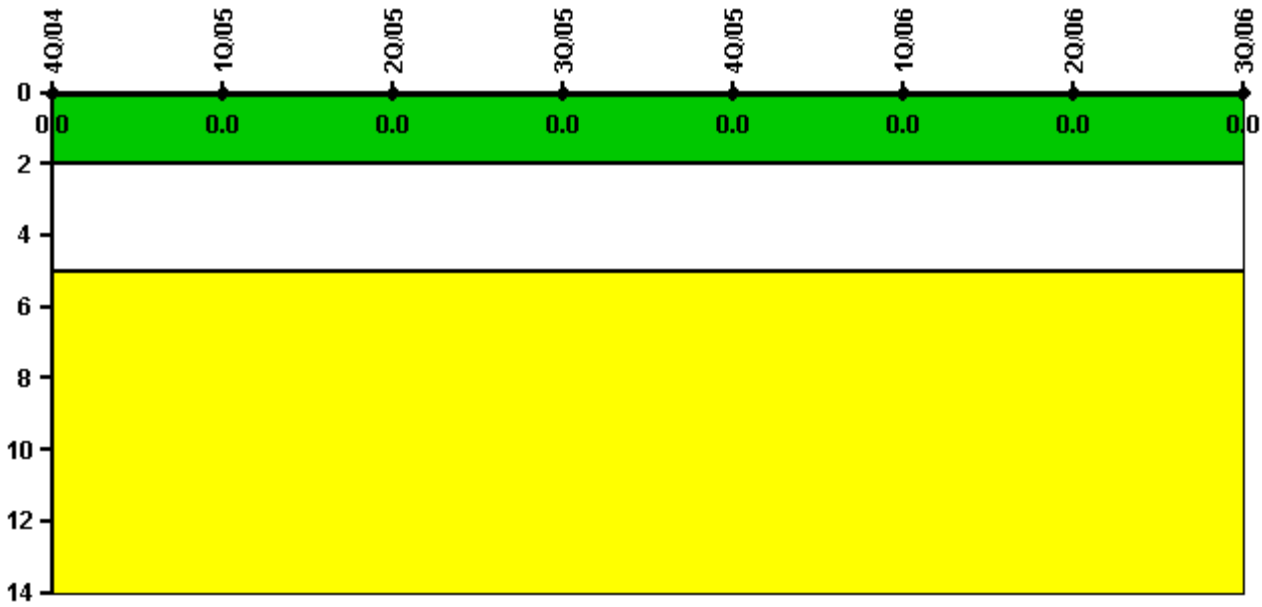
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	846	726	846	721	846	726	847	838
Total sirens-tests	847	726	847	726	847	726	847	847
Indicator value	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%	99.7%

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.