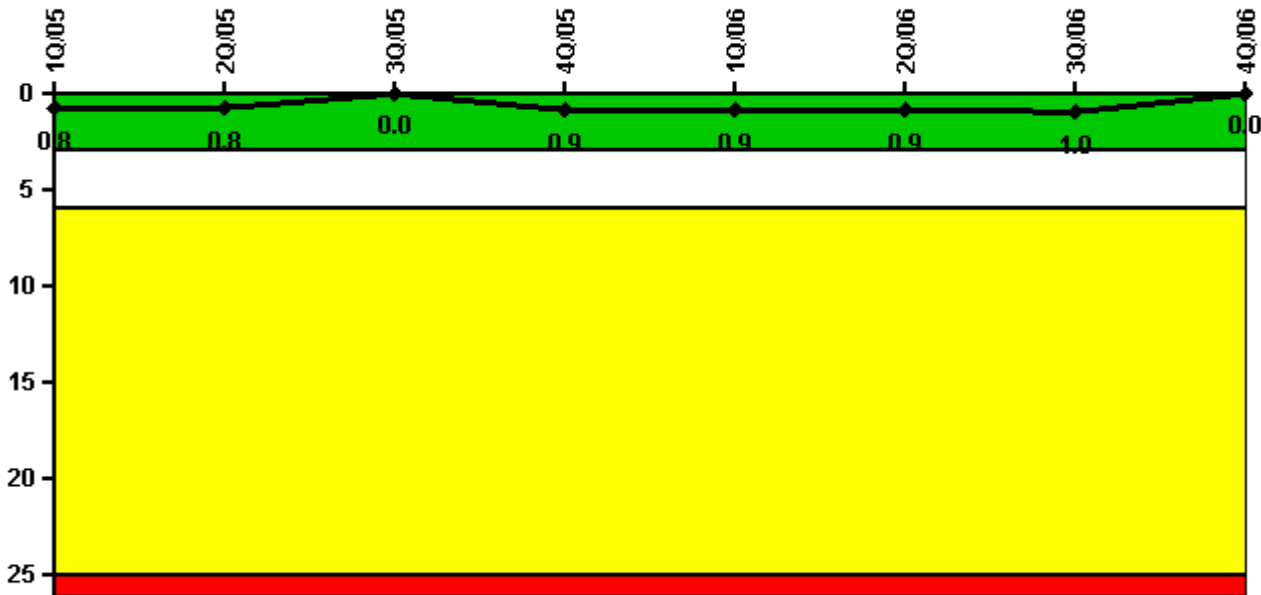


Crystal River 3

4Q/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	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	1199.5	1813.1	2183.0	2105.1	2209.0
Indicator value	0.8	0.8	0	0.9	0.9	0.9	1.0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



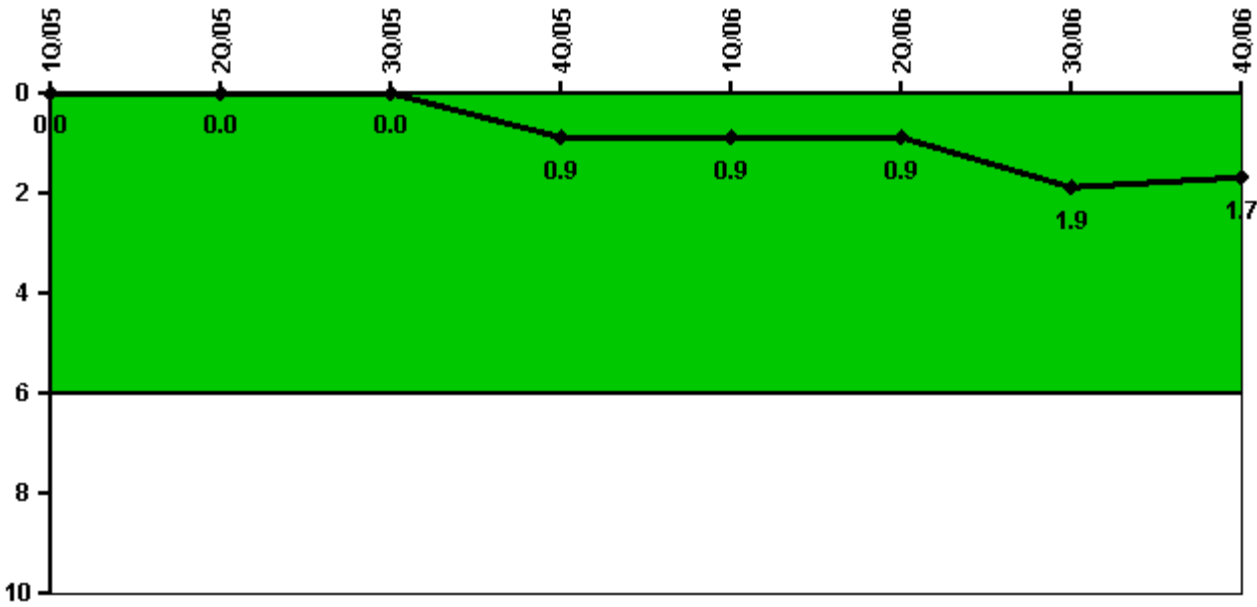
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



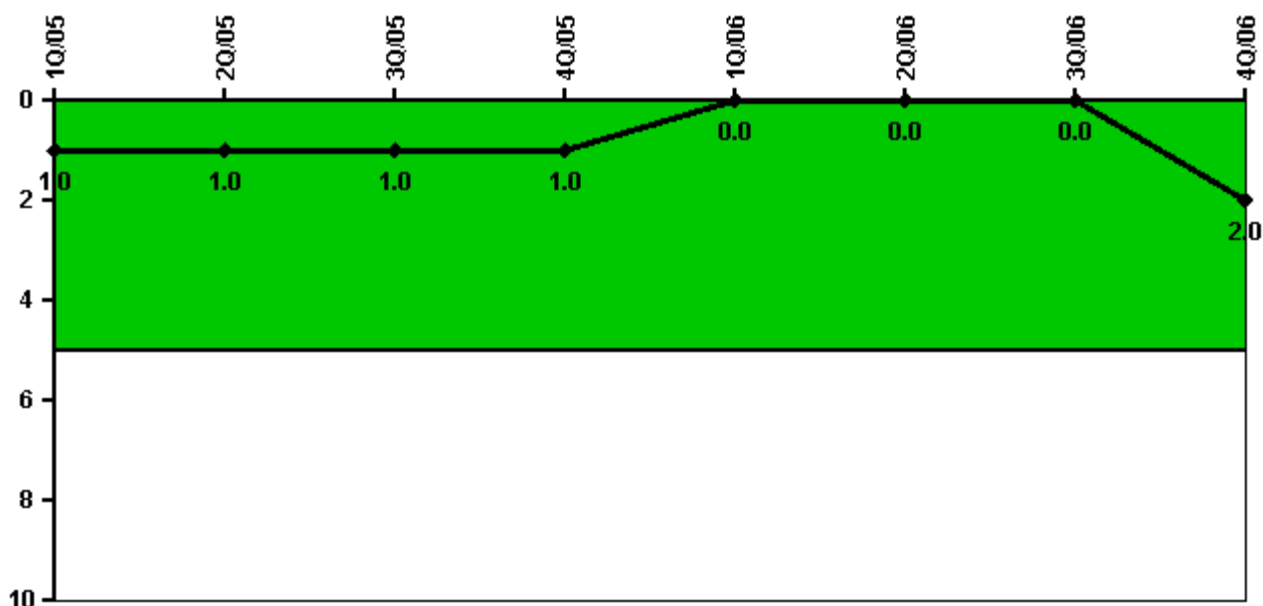
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	0	0	0	1.0	0	0	1.0	1.0
Critical hours	2160.0	2183.0	2208.0	1199.5	1813.1	2183.0	2105.1	2209.0
Indicator value	0	0	0	0.9	0.9	0.9	1.9	1.7

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

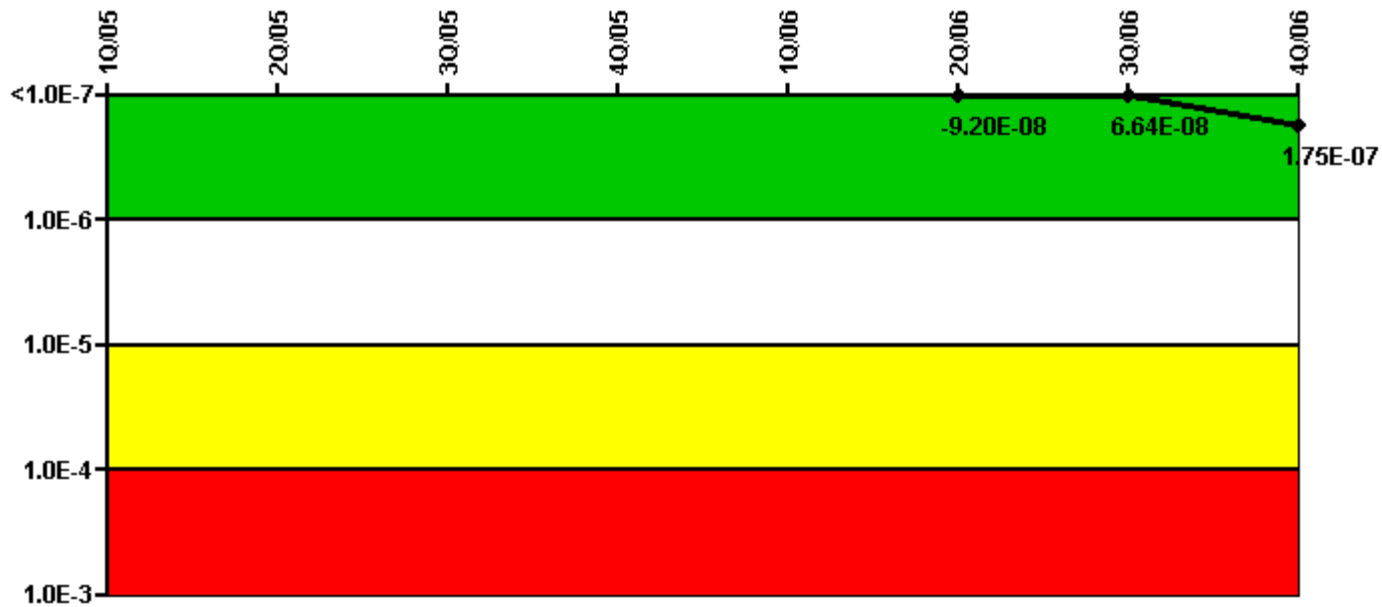
Safety System Functional Failures (PWR)	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Safety System Functional Failures	1	0	0	0	0	0	0	2
Indicator value	1	1	1	1	0	0	0	2

Licensee Comments:

4Q/06: (1) LER 50-302/2006-001-00 and LER 50-302/2006-002-00 were issued in December 2006. (2) Due to an administrative error, LER 50-302/2005-001-00 was not added to 1Q2005 data when it should have been added. This change does not affect the color of the performance indicator.

1Q/05: LER 50-302/2005-001-00

Mitigating Systems Performance Index, Emergency AC Power System



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

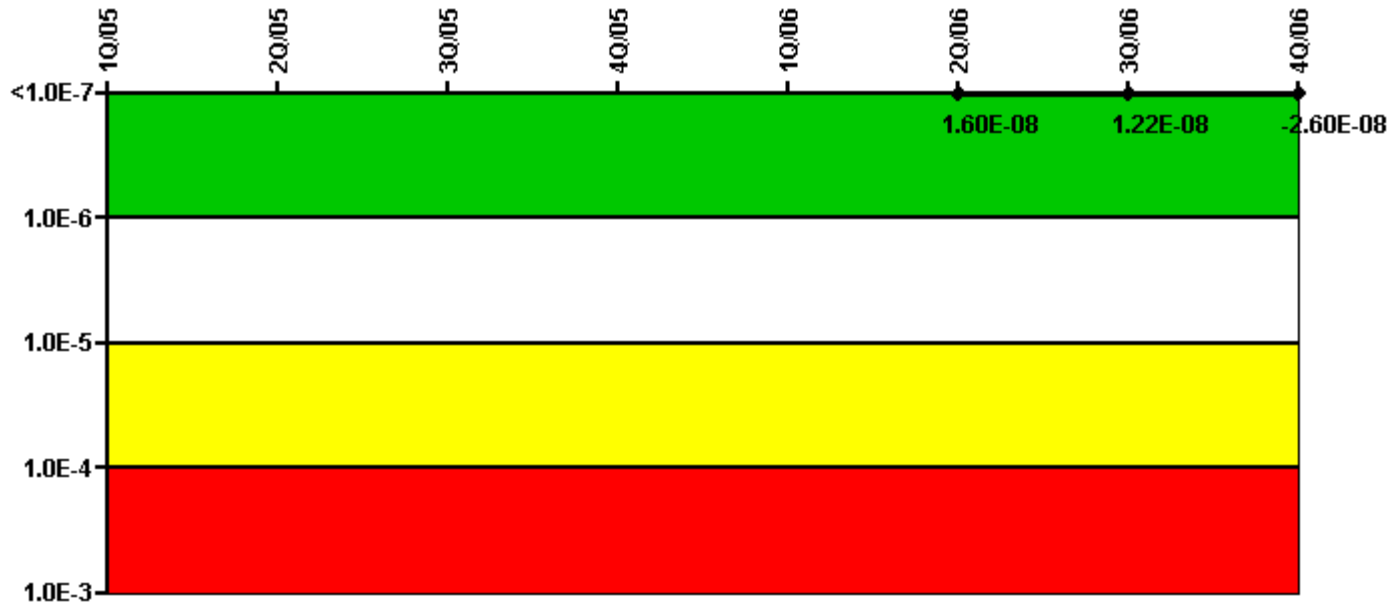
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						8.80E-08	7.10E-08	7.90E-08
URI (ΔCDF)						-1.80E-07	-4.60E-09	9.60E-08
PLE						NO	NO	NO
Indicator value						-9.20E-08	6.64E-08	1.75E-07

Licensee Comments:

4Q/06: Changed PRA Parameter(s). (1) PRA parameters changed due to revision to the Core Damage Frequency made necessary by adding non-safety Emergency Diesel Generator EGDG-1C. (2) Due to an administrative error, the 1Q2004 Train A and Train B overhaul hours were reversed and the overhaul hours for Train A should have been 119.11 hours instead of 114.9 hours. These changes do not affect the color of the performance indicator. (3) EGDG-1B had an as-found voltage below the administrative limit as specified in the Monthly EGDG-1B surveillance procedure on 08/25/06. This event is being submitted as a MSPI functional failure for not meeting established success criteria. The site corrective action process is tracking resolution of whether or not the interpretation of the NEI 99-02 term "established success criteria" for this event is accurate. A Frequently Asked Question may also be developed to seek clarification. This event does not meet the definition of a Maintenance Rule functional failure, and EGDG-1B was not inoperable as a result of this event. EGDG-1B would have performed its intended safety function. This change does not affect the color of the performance indicator.

Mitigating Systems Performance Index, High Pressure Injection System



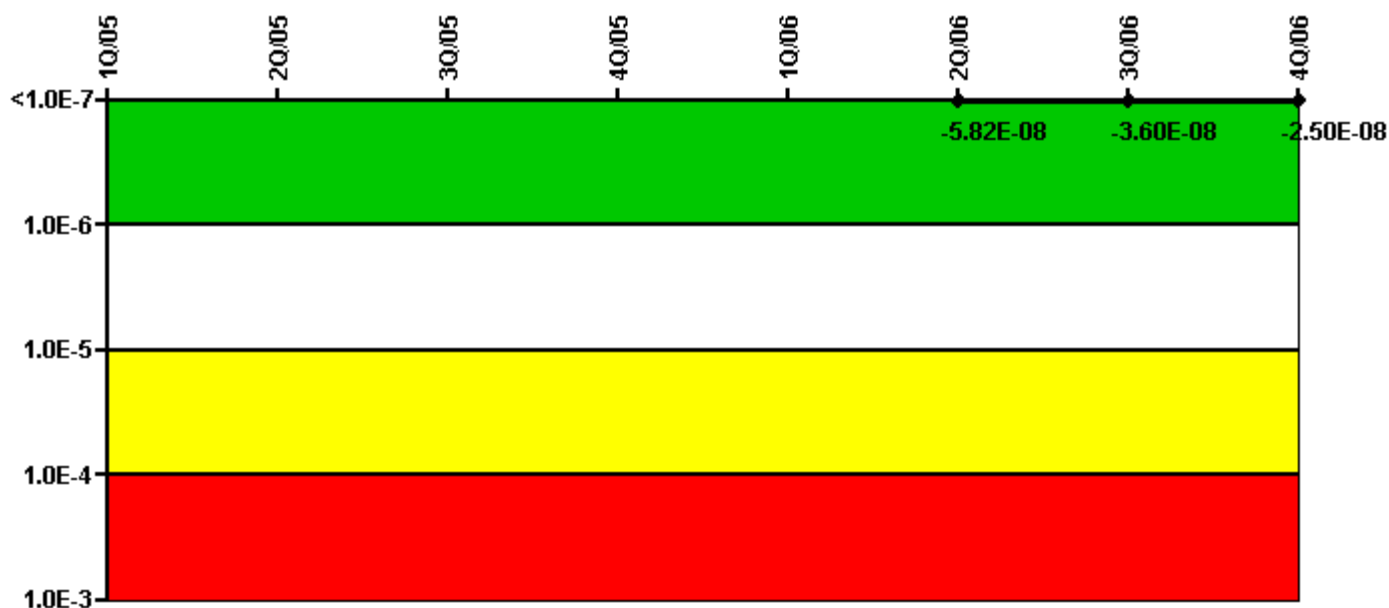
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						-1.20E-08	-9.80E-09	-1.20E-08
URI (ΔCDF)						2.80E-08	2.20E-08	-1.40E-08
PLE						NO	NO	NO
Indicator value						1.60E-08	1.22E-08	-2.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

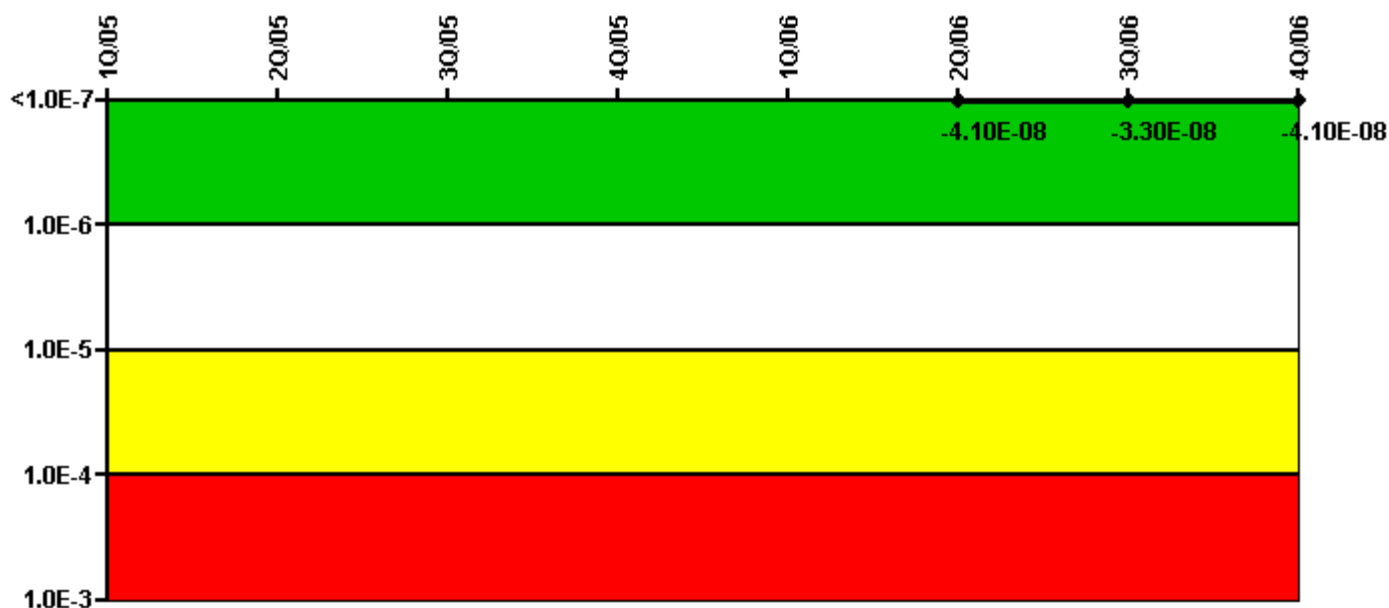
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						8.40E-10	1.20E-08	3.40E-08
URI (ΔCDF)						-5.90E-08	-4.80E-08	-5.90E-08
PLE						NO	NO	NO
Indicator value						-5.82E-08	-3.60E-08	-2.50E-08

Licensee Comments:

4Q/06: Due to an administrative error, the 1Q2006 planned unavailability for Train A should have been 1.39 hours instead of 0.62 hours. This change does not affect the color of the performance indicator.

Mitigating Systems Performance Index, Residual Heat Removal System



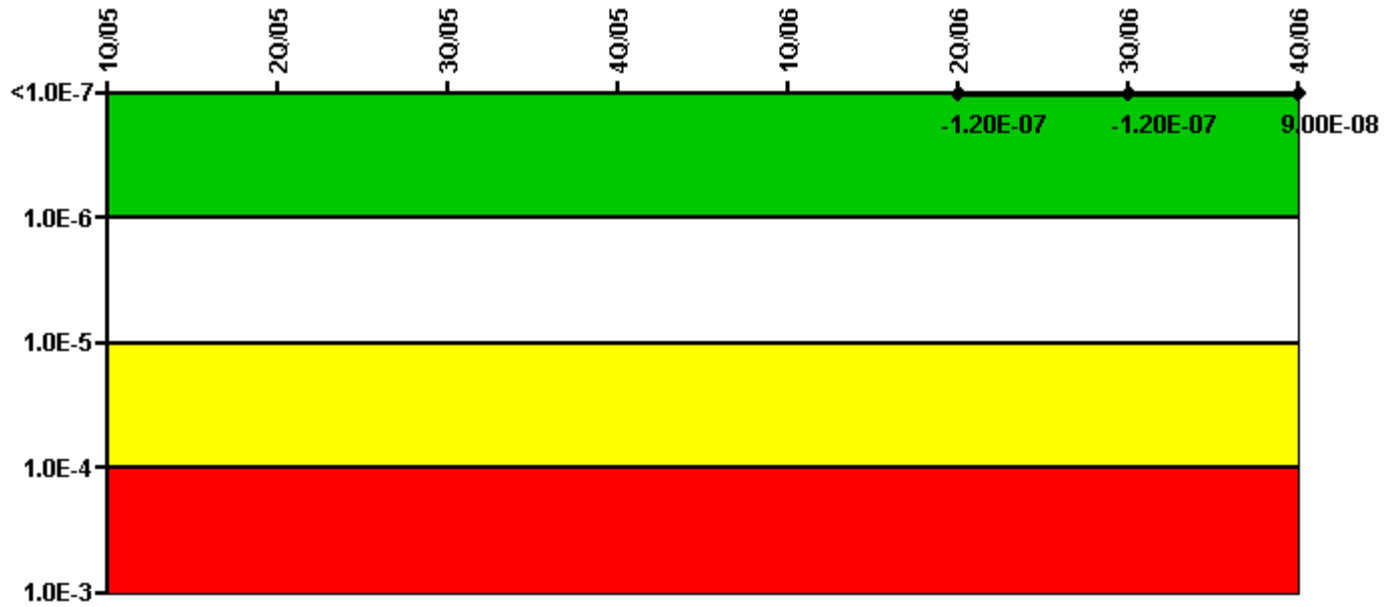
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-1.60E-08	-1.30E-08	-1.60E-08
URI (Δ CDF)						-2.50E-08	-2.00E-08	-2.50E-08
PLE						NO	NO	NO
Indicator value						-4.10E-08	-3.30E-08	-4.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

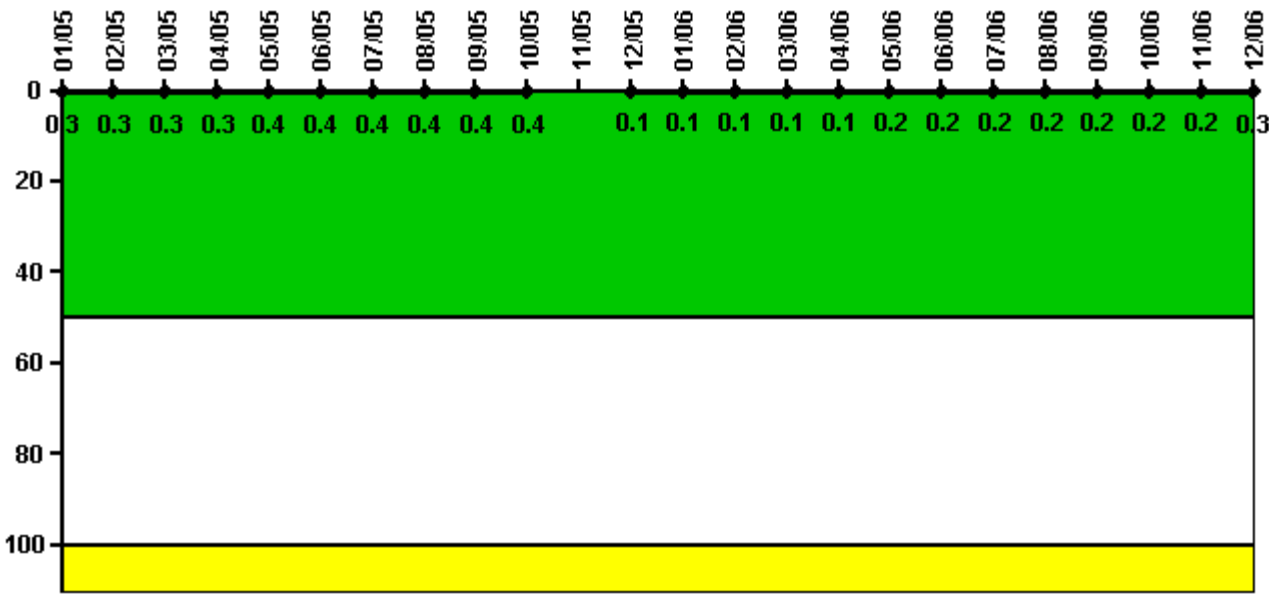
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						1.50E-07	1.00E-07	2.00E-07
URI (ΔCDF)						-2.70E-07	-2.20E-07	-1.10E-07
PLE						NO	NO	NO
Indicator value						-1.20E-07	-1.20E-07	9.00E-08

Licensee Comments:

4Q/06: Changed PRA Parameter(s). PRA parameters changed due to revision to the Core Damage Frequency made necessary by adding non-safety Emergency Diesel Generator EGDG-1C.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

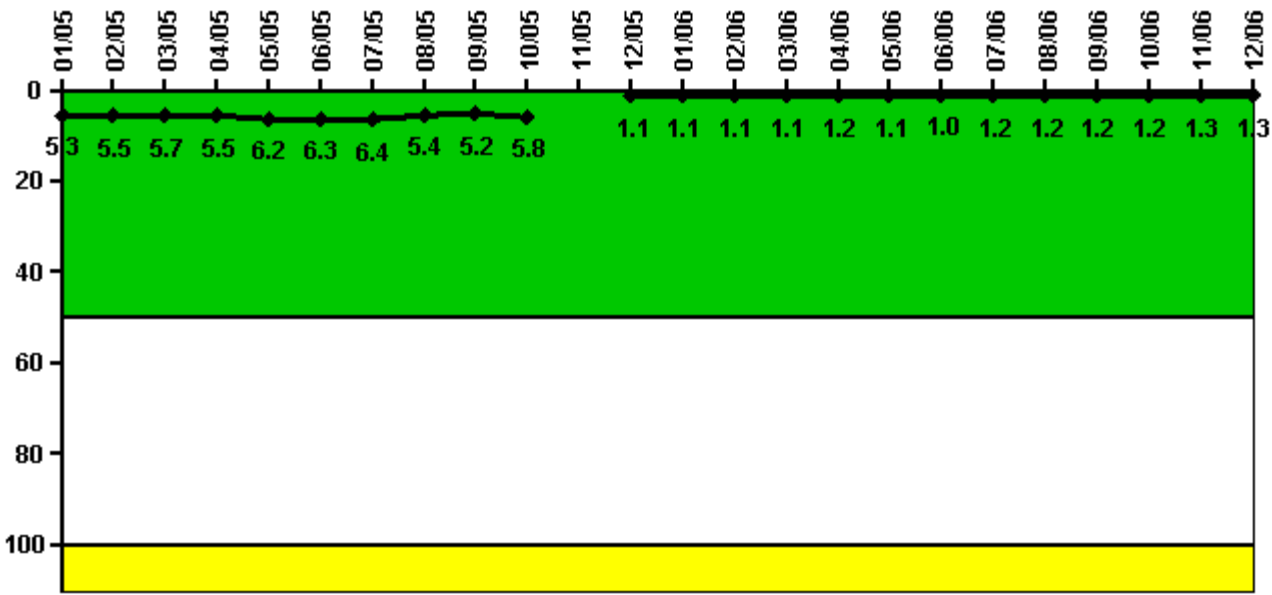
Notes

Reactor Coolant System Activity	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum activity	0.003210	0.003180	0.003270	0.003350	0.003650	0.003970	0.003950	0.004010	0.004010	0.003900	N/A	0.001080
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	0.3	0.4	0.4	0.4	0.4	0.4	0.4	N/A	0.1

Reactor Coolant System Activity	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.001200	0.001220	0.001290	0.001320	0.001500	0.001670	0.001730	0.001880	0.002080	0.002210	0.002280	0.002520
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	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3

Licensee Comments: none

Reactor Coolant System Leakage



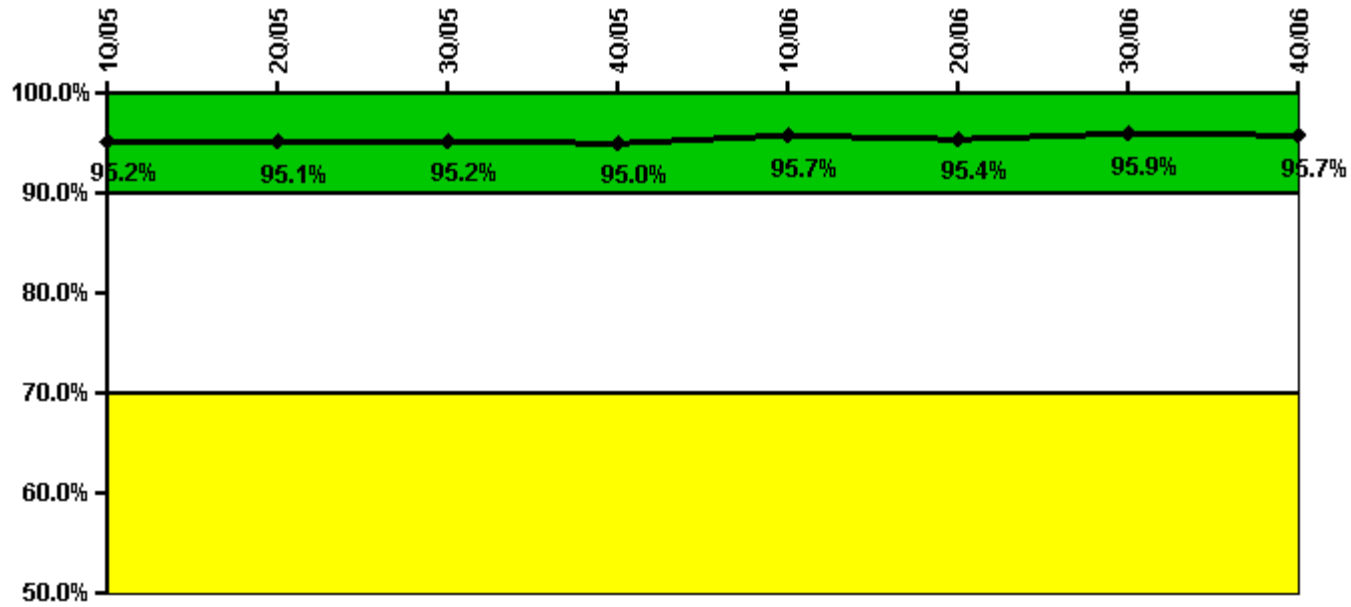
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	0.530	0.550	0.570	0.550	0.620	0.630	0.640	0.540	0.520	0.580	N/A	0.110
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	5.3	5.5	5.7	5.5	6.2	6.3	6.4	5.4	5.2	5.8	N/A	1.1
Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.110	0.110	0.110	0.120	0.110	0.100	0.120	0.120	0.120	0.120	0.130	0.130
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	1.1	1.1	1.1	1.2	1.1	1.0	1.2	1.2	1.2	1.2	1.3	1.3

Licensee Comments: none

Drill/Exercise Performance



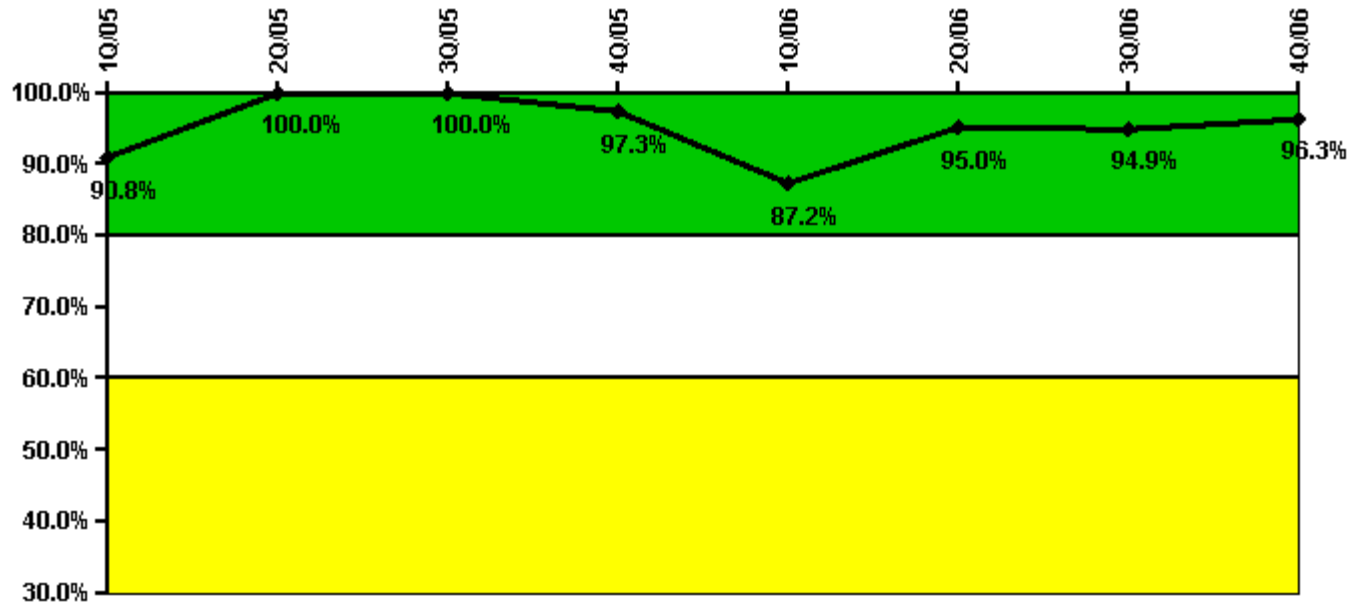
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	37.0	52.0	15.0	0	55.0	42.0	16.0	6.0
Total opportunities	37.0	53.0	16.0	0	61.0	44.0	16.0	6.0
Indicator value	95.2%	95.1%	95.2%	95.0%	95.7%	95.4%	95.9%	95.7%

Licensee Comments: none

ERO Drill Participation



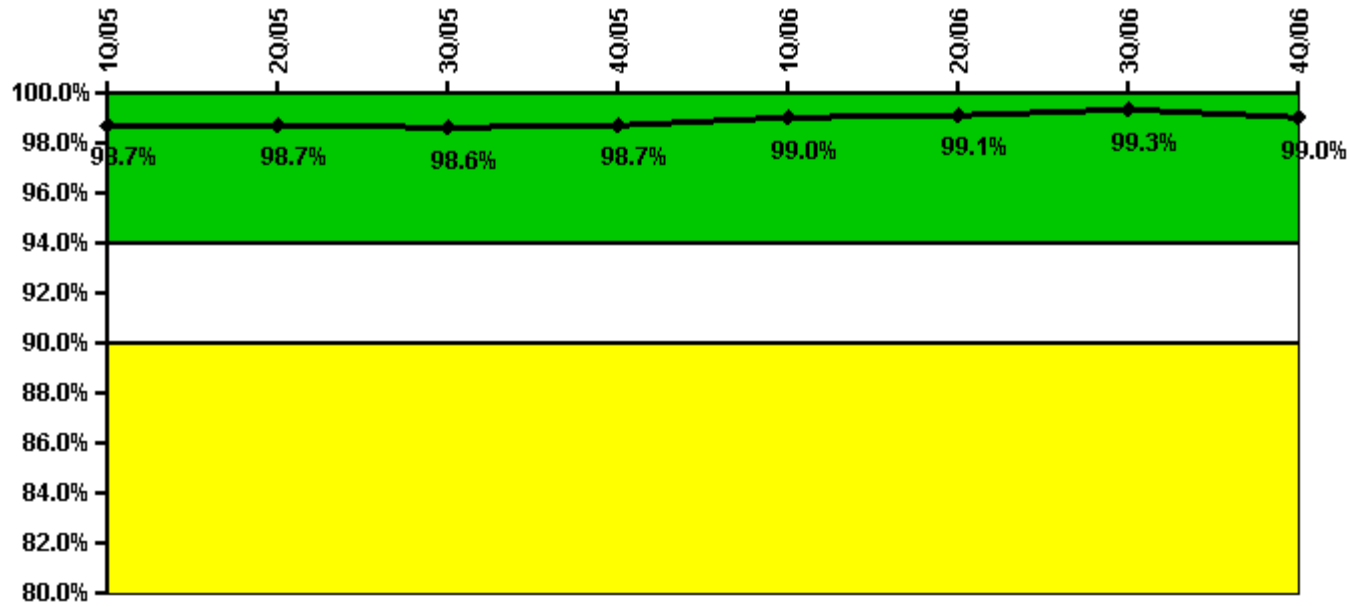
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	69.0	78.0	78.0	71.0	68.0	76.0	74.0	78.0
Total Key personnel	76.0	78.0	78.0	73.0	78.0	80.0	78.0	81.0
Indicator value	90.8%	100.0%	100.0%	97.3%	87.2%	95.0%	94.9%	96.3%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	471	516	548	518	516	518	514	512
Total sirens-tests	480	520	560	520	520	520	520	520
Indicator value	98.7%	98.7%	98.6%	98.7%	99.0%	99.1%	99.3%	99.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

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