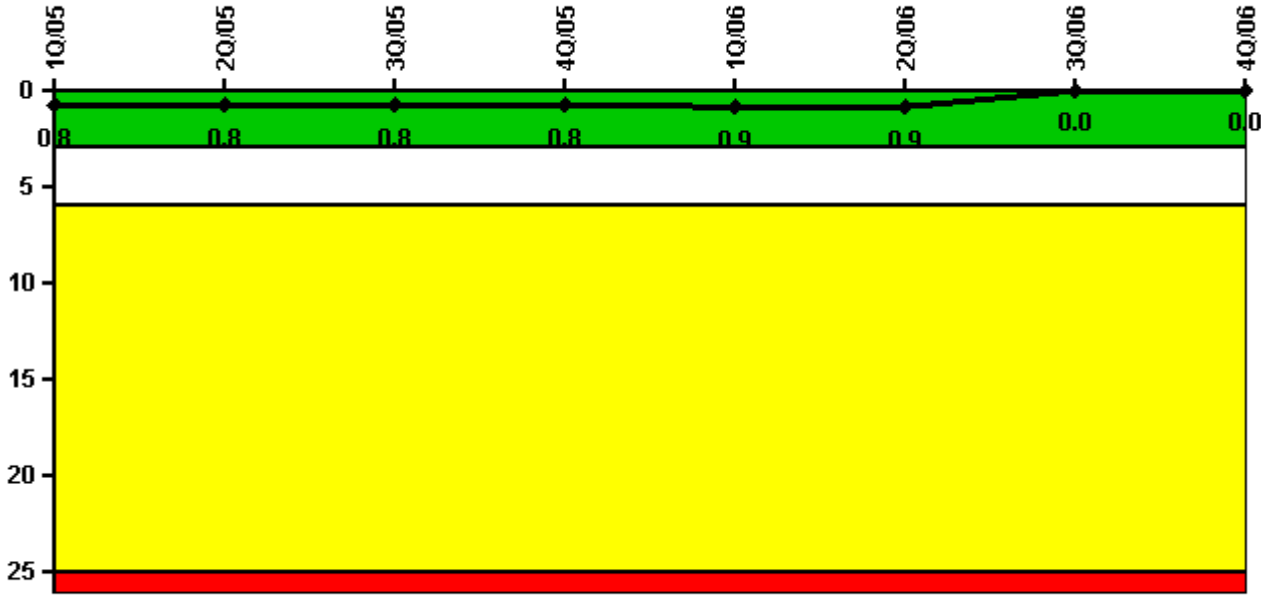


Brunswick 1

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	1.0	0	0	0	0	0
Critical hours	2160.0	2009.8	1957.8	2209.0	1487.0	2047.2	1923.3	2209.0
Indicator value	0.8	0.8	0.8	0.8	0.9	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



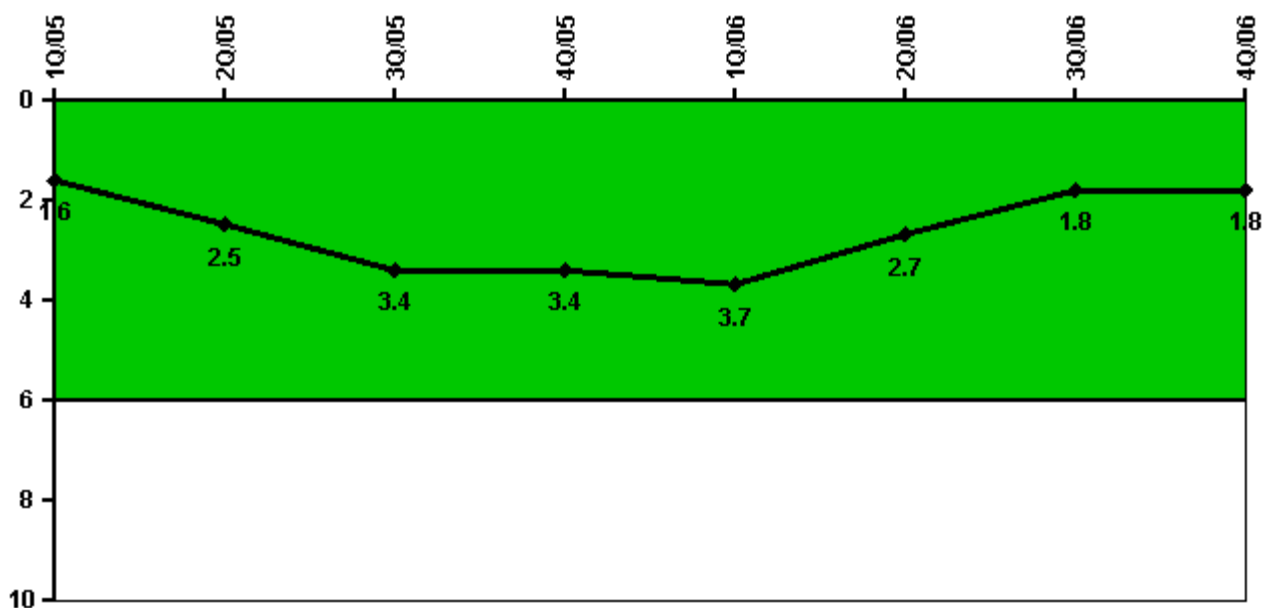
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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



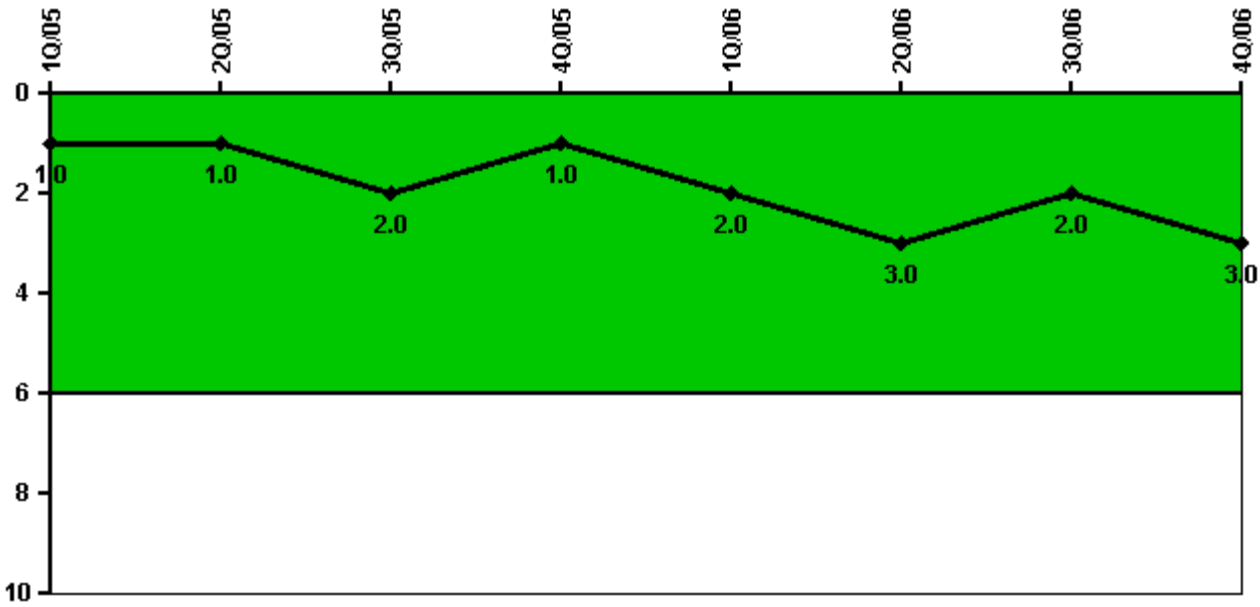
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	1.0	1.0	2.0	0	1.0	0	1.0	0
Critical hours	2160.0	2009.8	1957.8	2209.0	1487.0	2047.2	1923.3	2209.0
Indicator value	1.6	2.5	3.4	3.4	3.7	2.7	1.8	1.8

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

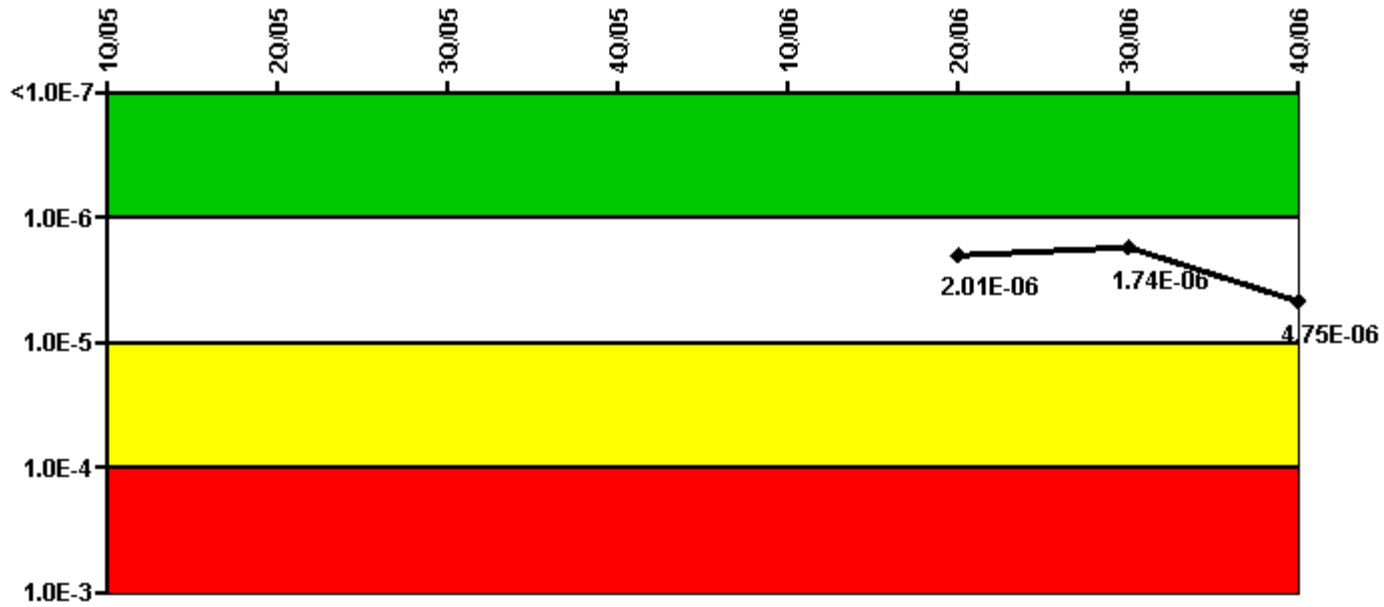
Notes

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

Licensee Comments:

4Q/06: LER 1-2006-005 submitted for the Control Room Emergency Ventilation (CREV) system rendered inoperable due to chlorine detectors.

Mitigating Systems Performance Index, Emergency AC Power System



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

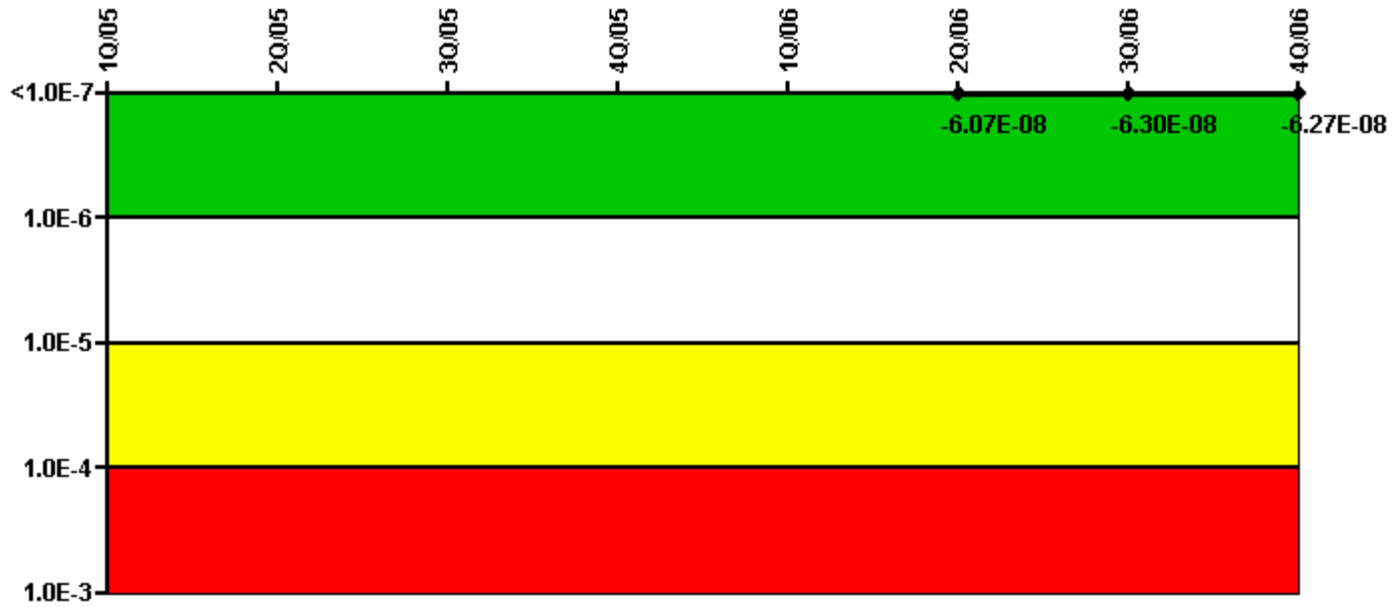
Notes

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)						9.20E-09	4.20E-08	8.50E-07
URI (ΔCDF)						2.00E-06	1.70E-06	3.90E-06
PLE						NO	NO	NO
Indicator value						2.01E-06	1.74E-06	4.75E-06

Licensee Comments:

4Q/06: Risk Cap Invoked. Emergency AC power MSPI for Unit 1 remains WHITE from the previous quarter. White threshold exceeded due to increased unreliability factor of Emergency Diesel Generators (EDGs). There are currently seven MSPI failures between the four EDGs during the previous 36 months. Due to unique system configuration, failure on any one of four EDGs affects both Units.

Mitigating Systems Performance Index, High Pressure Injection System



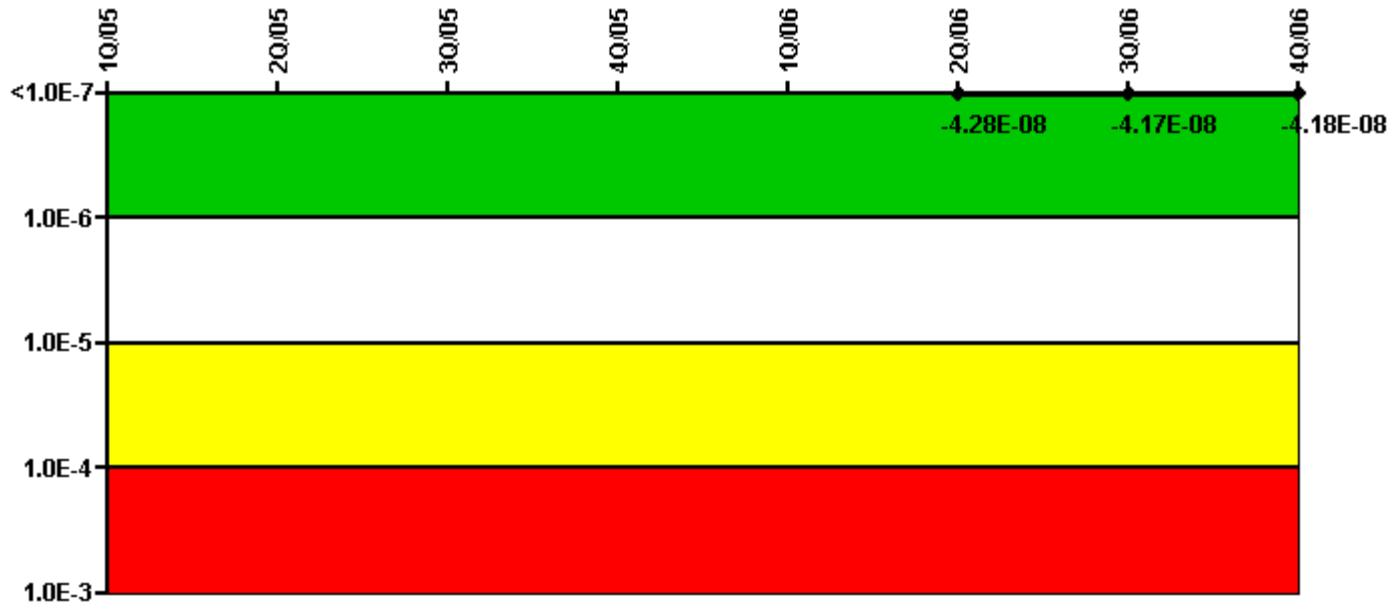
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)						6.30E-09	4.00E-09	4.30E-09
URI (Δ CDF)						-6.70E-08	-6.70E-08	-6.70E-08
PLE						NO	NO	NO
Indicator value						-6.07E-08	-6.30E-08	-6.27E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



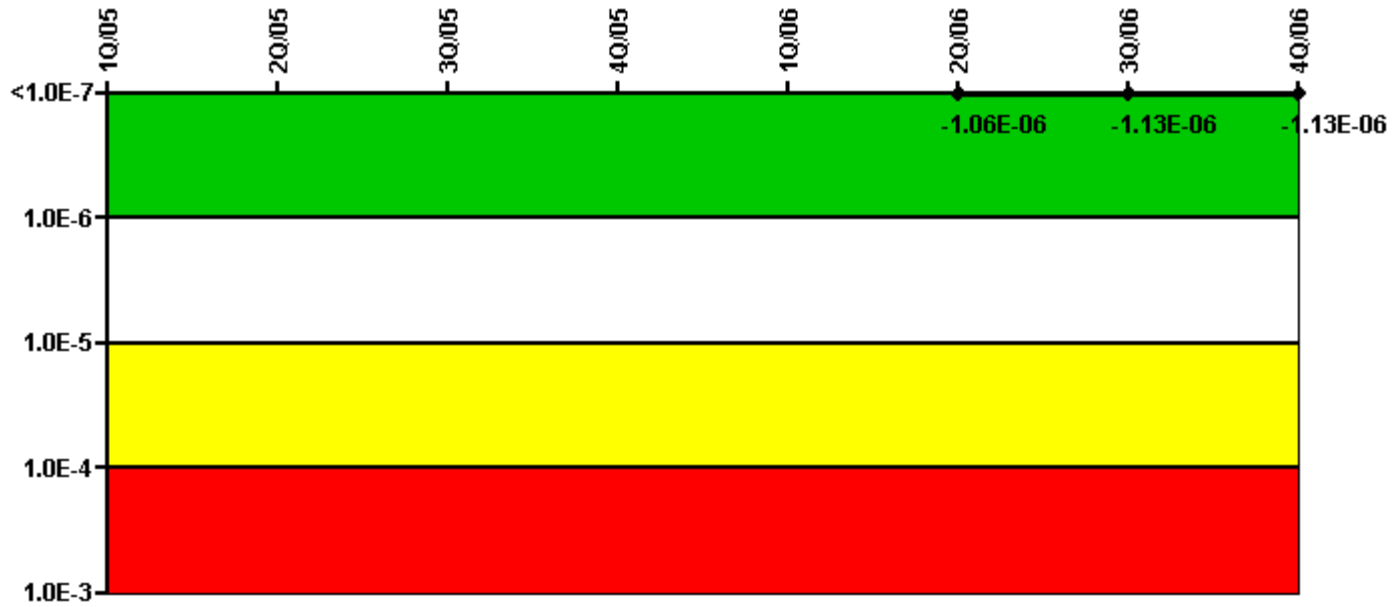
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF)						-7.80E-09	-6.70E-09	-6.80E-09
URI (Δ CDF)						-3.50E-08	-3.50E-08	-3.50E-08
PLE						NO	NO	NO
Indicator value						-4.28E-08	-4.17E-08	-4.18E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



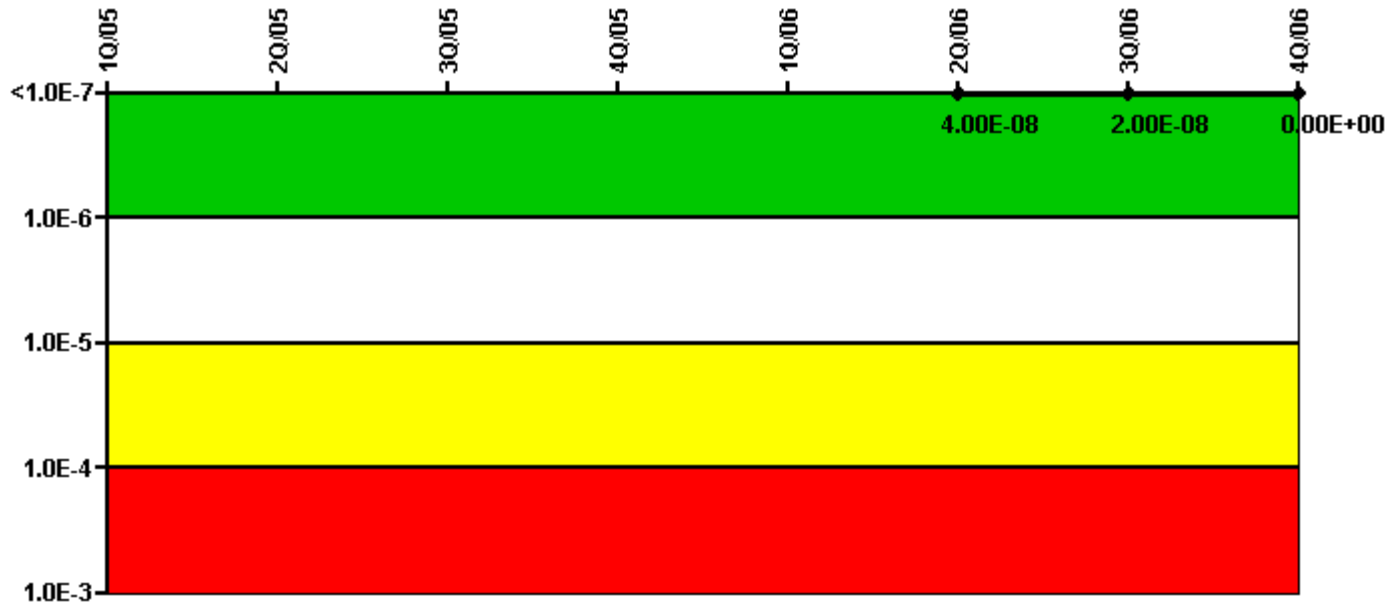
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						7.40E-07	6.70E-07	6.70E-07
URI (Δ CDF)						-1.80E-06	-1.80E-06	-1.80E-06
PLE						NO	NO	NO
Indicator value						-1.06E-06	-1.13E-06	-1.13E-06

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

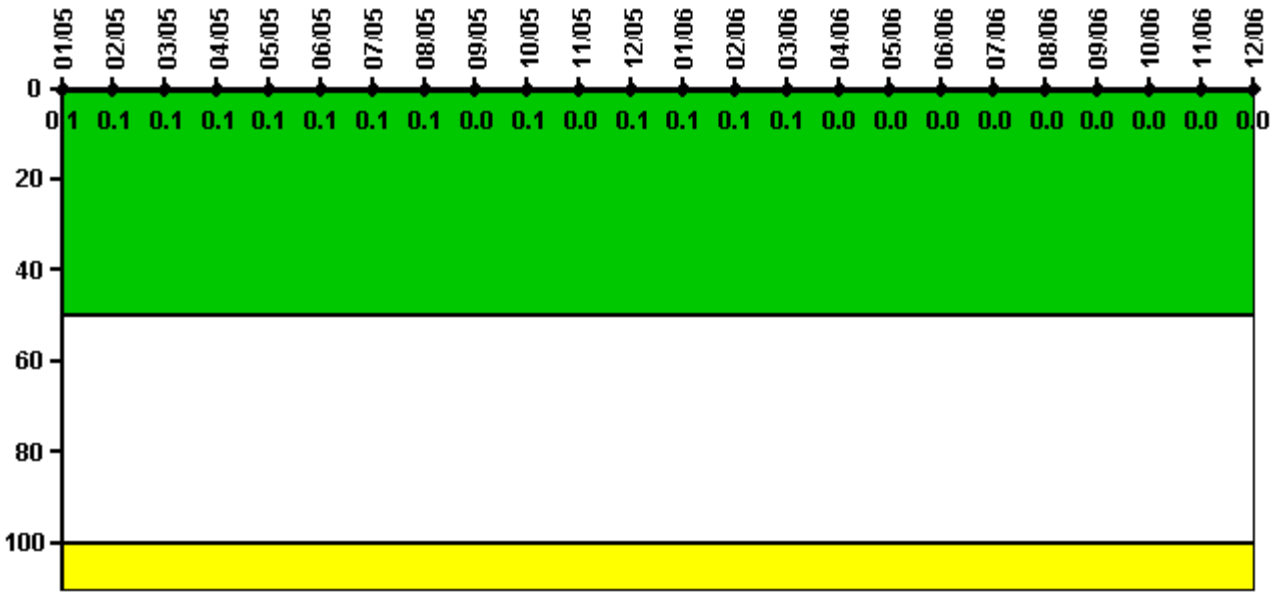
Notes

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)						2.40E-07	2.20E-07	2.00E-07
URI (ΔCDF)						-2.00E-07	-2.00E-07	-2.00E-07
PLE						NO	NO	NO
Indicator value						4.00E-08	2.00E-08	0.00E+00

Licensee Comments:

4Q/06: NOTE: This comment applies to a change in Unit 1 SW during the 3Q2006, that should have been reported in last quarters comments but was mistakenly omitted from the comments. A review of SW failures resulted in Failure # 1165 on 06/09/2004 to be reclassified from a valve failure (1-SW-V14) to a pump failure (1A CSW). This was the major contributing factor for the increase in margin for Unit 1 SW from 2Q2006 to 3Q2006. The change did not affect the color of the indicator, and remains GREEN.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

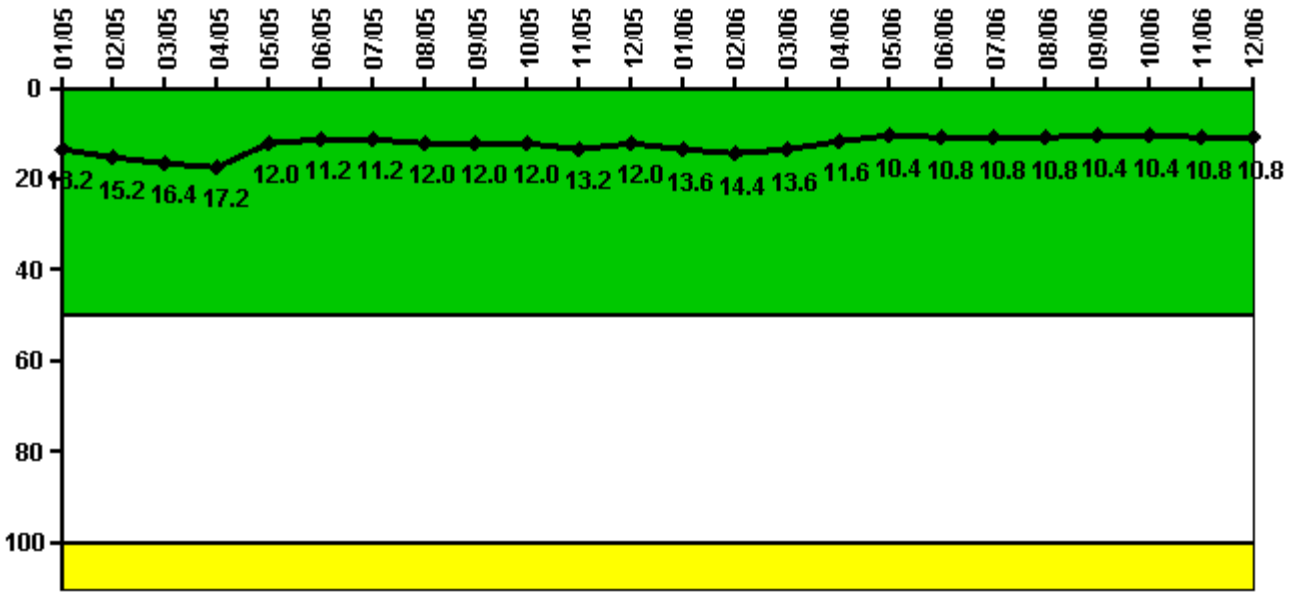
Notes

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	0.000107	0.000164	0.000147	0.000105	0.000112	0.000107	0.000122	0.000138	0.000093	0.000104	0.000096	0.000118
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0	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	0.000152	0.000151	0.000132	0.000079	0.000083	0.000086	0.000085	0.000089	0.000090	0.000057	0.000091	0.000089
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

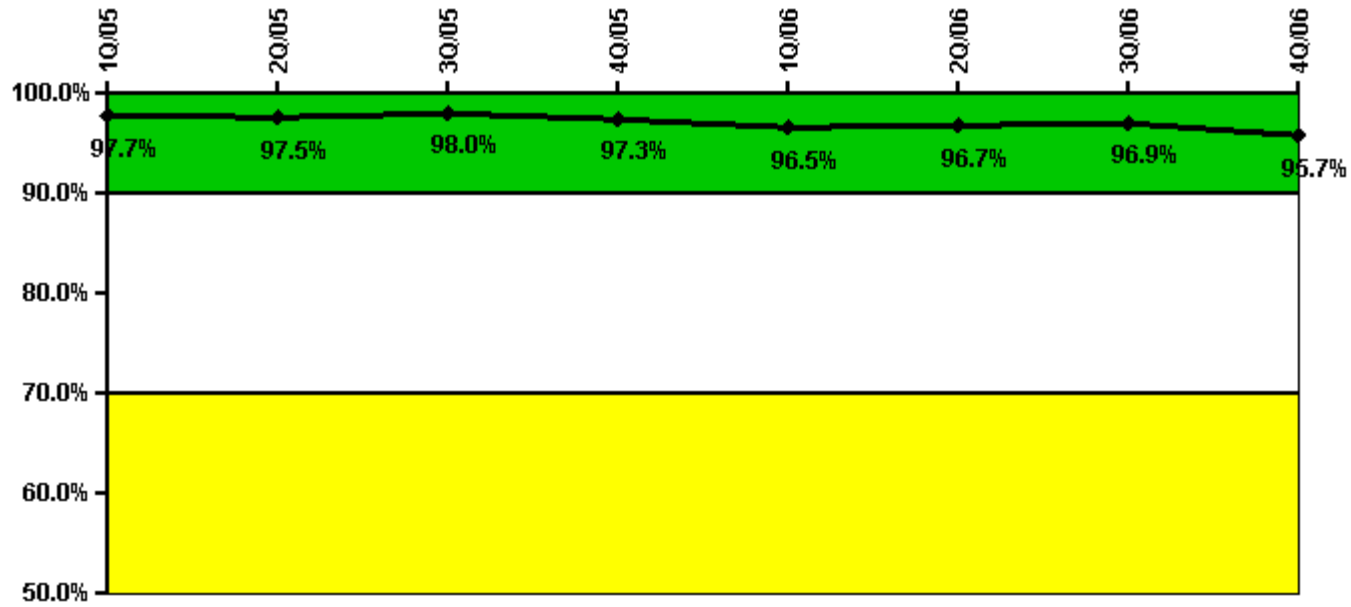
Notes

Reactor Coolant System Leakage	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	3.300	3.800	4.100	4.300	3.000	2.800	2.800	3.000	3.000	3.000	3.300	3.000
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	13.2	15.2	16.4	17.2	12.0	11.2	11.2	12.0	12.0	12.0	13.2	12.0

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	3.400	3.600	3.400	2.900	2.600	2.700	2.700	2.700	2.600	2.600	2.700	2.700
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	13.6	14.4	13.6	11.6	10.4	10.8	10.8	10.8	10.4	10.4	10.8	10.8

Licensee Comments: none

Drill/Exercise Performance



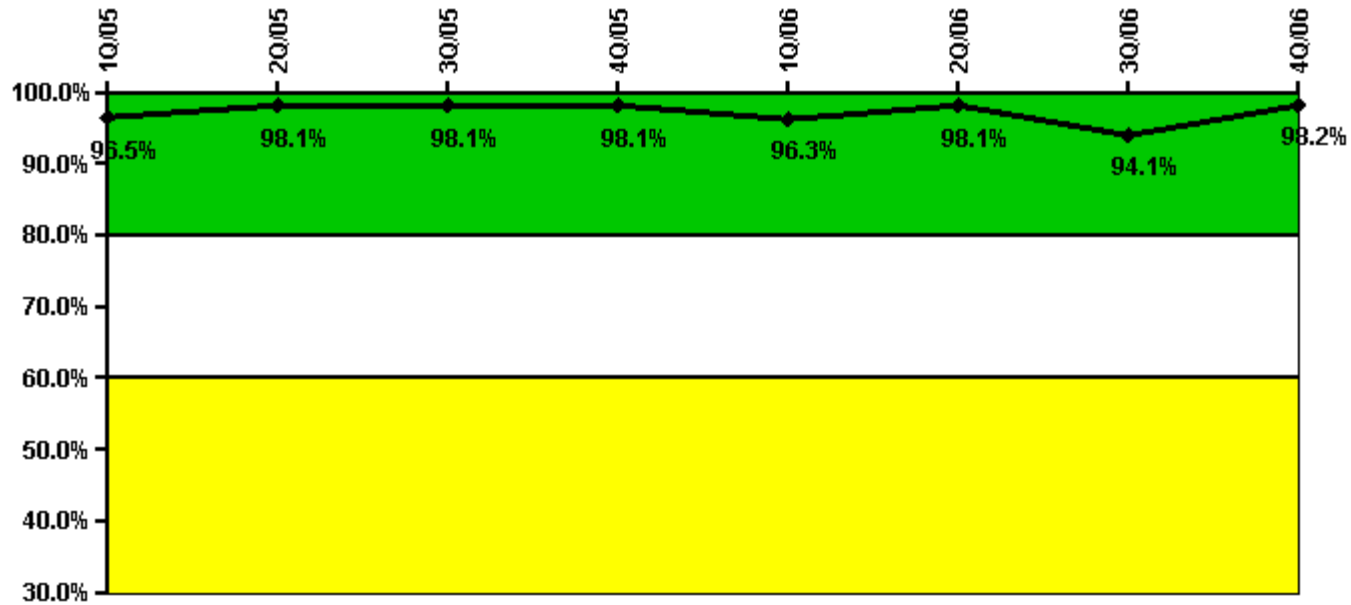
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	0	34.0	28.0	7.0	20.0	10.0	7.0	26.0
Total opportunities	0	35.0	28.0	8.0	22.0	10.0	7.0	28.0
Indicator value	97.7%	97.5%	98.0%	97.3%	96.5%	96.7%	96.9%	95.7%

Licensee Comments: none

ERO Drill Participation



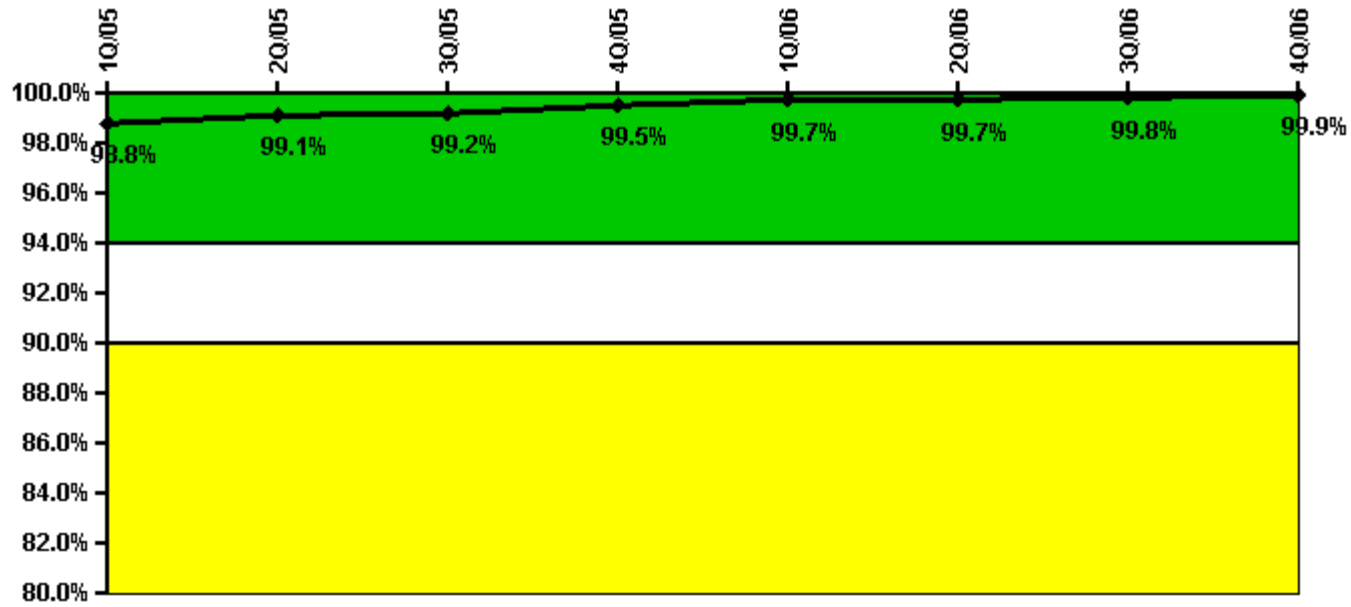
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	110.0	106.0	102.0	104.0	103.0	104.0	95.0	108.0
Total Key personnel	114.0	108.0	104.0	106.0	107.0	106.0	101.0	110.0
Indicator value	96.5%	98.1%	98.1%	98.1%	96.3%	98.1%	94.1%	98.2%

Licensee Comments: none

Alert & Notification System



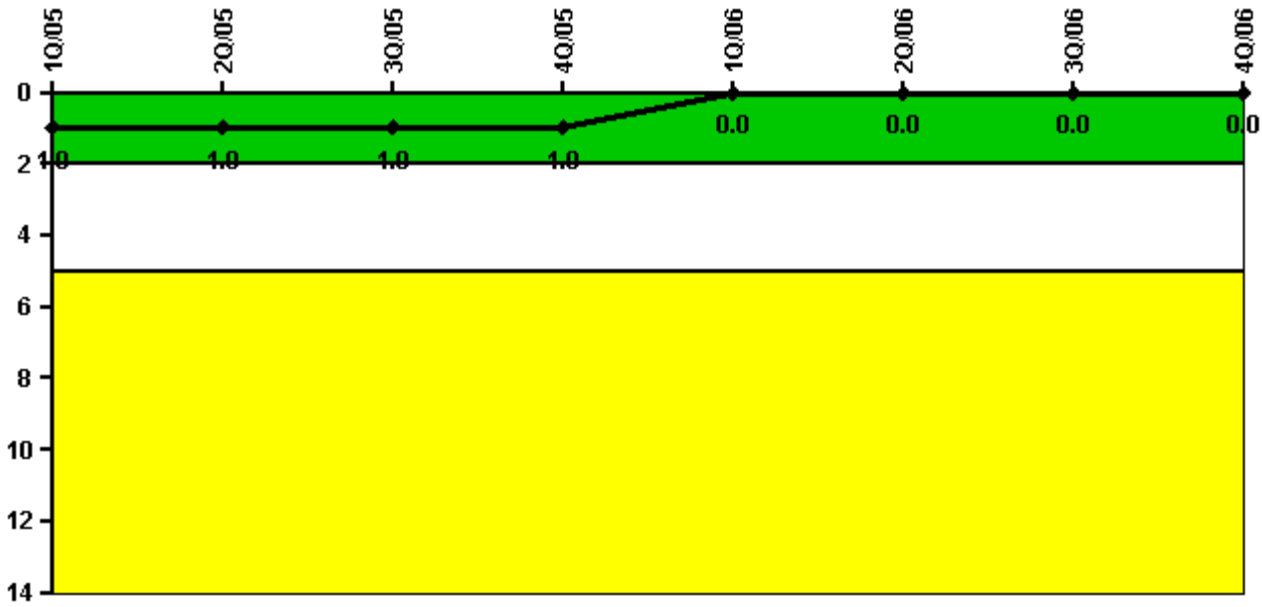
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	497	503	502	539	502	503	504	560
Total sirens-tests	504	504	504	540	504	504	504	560
Indicator value	98.8%	99.1%	99.2%	99.5%	99.7%	99.7%	99.8%	99.9%

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	1	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	1	1	1	1	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.