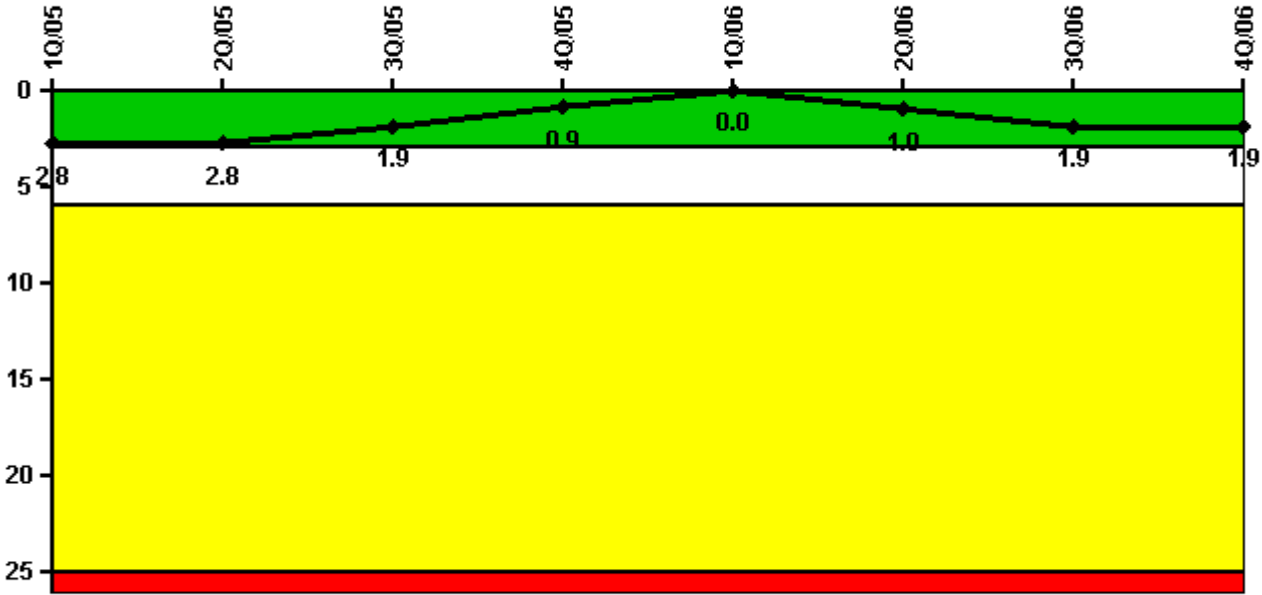


Fermi 2

4Q/2006 Performance Indicators

Licensee's General Comments: Revised UA Baseline data for all systems to 2002 - 2004 base period

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	1.0	0	0	0	0	1.0	1.0	0
Critical hours	1884.3	2065.8	1873.7	2209.0	1997.3	1145.3	1897.2	2209.0
Indicator value	2.8	2.8	1.9	0.9	0	1.0	1.9	1.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



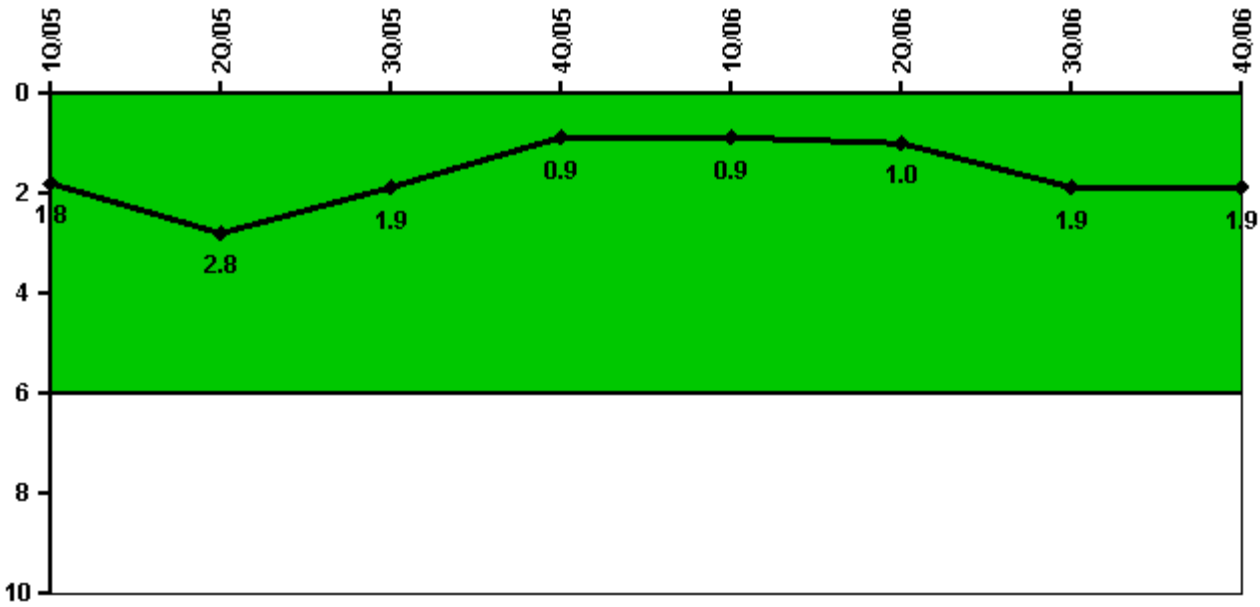
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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



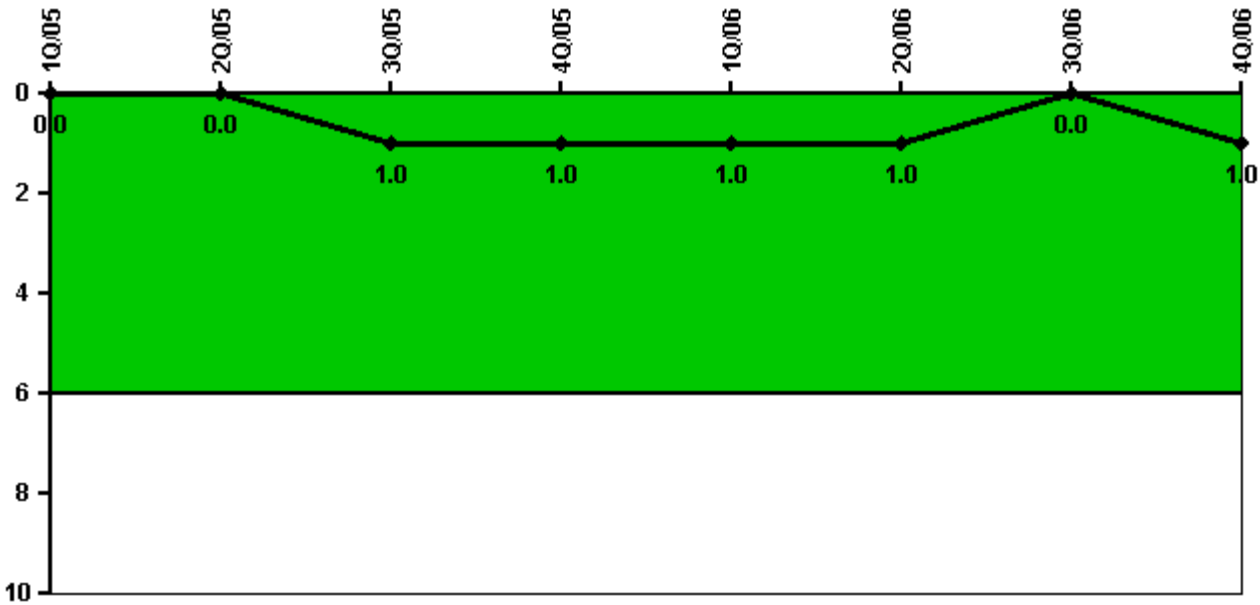
Thresholds: White > 6.0

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	0	1.0	0	0	0	1.0	1.0	0
Critical hours	1884.3	2065.8	1873.7	2209.0	1997.3	1145.3	1897.2	2209.0
Indicator value	1.8	2.8	1.9	0.9	0.9	1.0	1.9	1.9

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

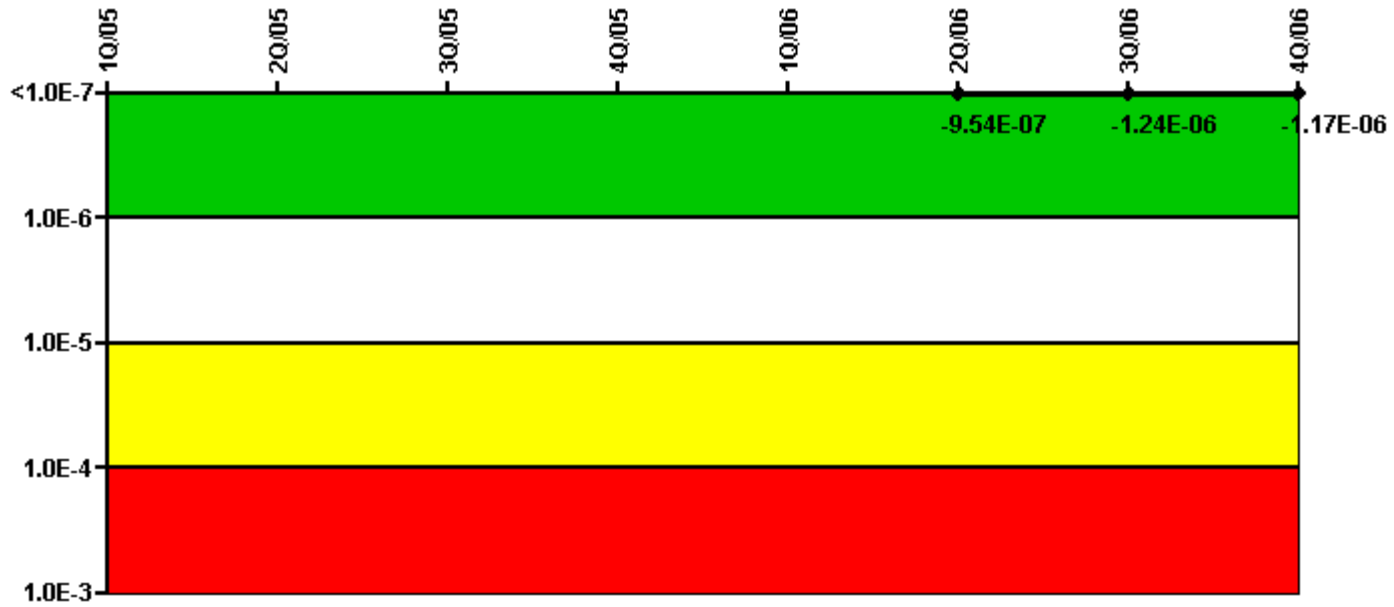
Notes

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	0	0	0	1
Indicator value	0	0	1	1	1	1	0	1

Licensee Comments:

4Q/06: LER 2006-004, "Emergency Diesel Generators Out of Service due to Undersized Control Power Transformers," submitted on 10/12/2006 under NRC-06-0071.

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 (Δ CDF)						3.60E-08	5.60E-08	1.30E-07
URI (Δ CDF)						-9.90E-07	-1.30E-06	-1.30E-06
PLE						NO	NO	NO
Indicator value						-9.54E-07	-1.24E-06	-1.17E-06

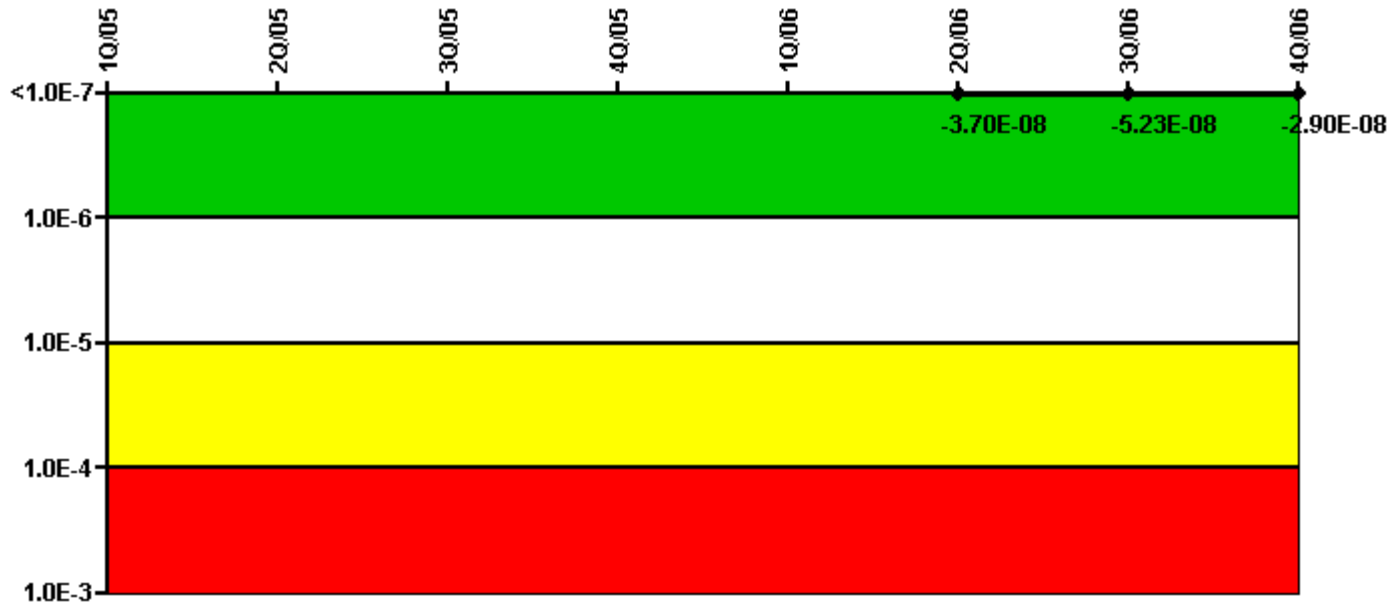
Licensee Comments:

4Q/06: Verified and entered new UABLP and UABLU for 2002 -2004 baseline period.

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

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)						1.40E-08	-2.30E-09	2.20E-08
URI (Δ CDF)						-5.10E-08	-5.00E-08	-5.10E-08
PLE						NO	NO	NO
Indicator value						-3.70E-08	-5.23E-08	-2.90E-08

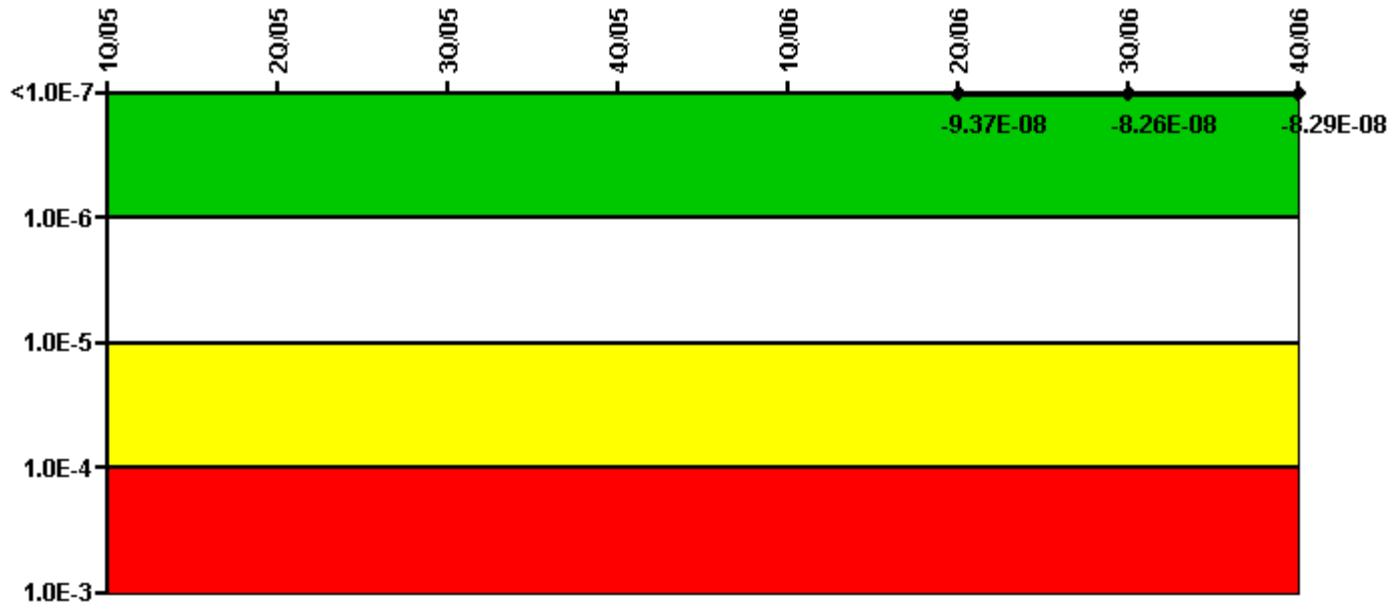
Licensee Comments:

4Q/06: Verified and entered new UABLP and UABLU for 2002 -2004 baseline period.

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

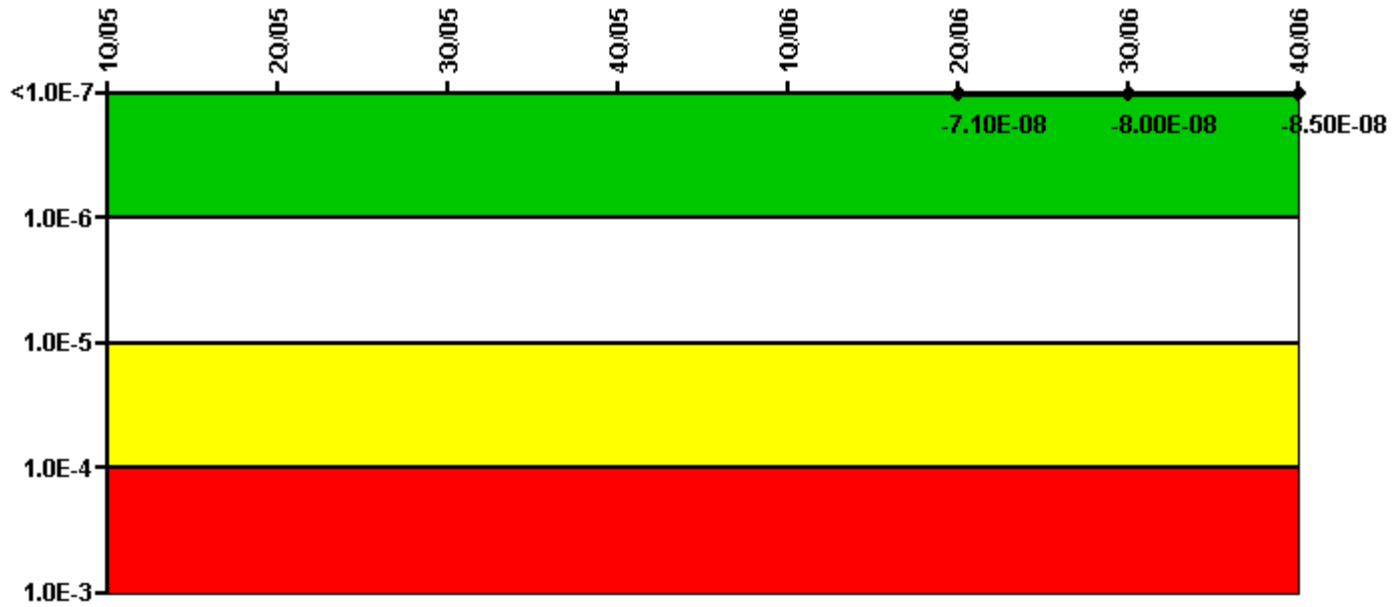
Notes

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)						-6.70E-09	-6.60E-09	-7.90E-09
URI (ΔCDF)						-8.70E-08	-7.60E-08	-7.50E-08
PLE						NO	NO	NO
Indicator value						-9.37E-08	-8.26E-08	-8.29E-08

Licensee Comments:

4Q/06: Verified and entered new UABLP and UABLU for 2002 -2004 baseline period.

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)						4.90E-08	4.00E-08	3.50E-08
URI (Δ CDF)						-1.20E-07	-1.20E-07	-1.20E-07
PLE						NO	NO	NO
Indicator value						-7.10E-08	-8.00E-08	-8.50E-08

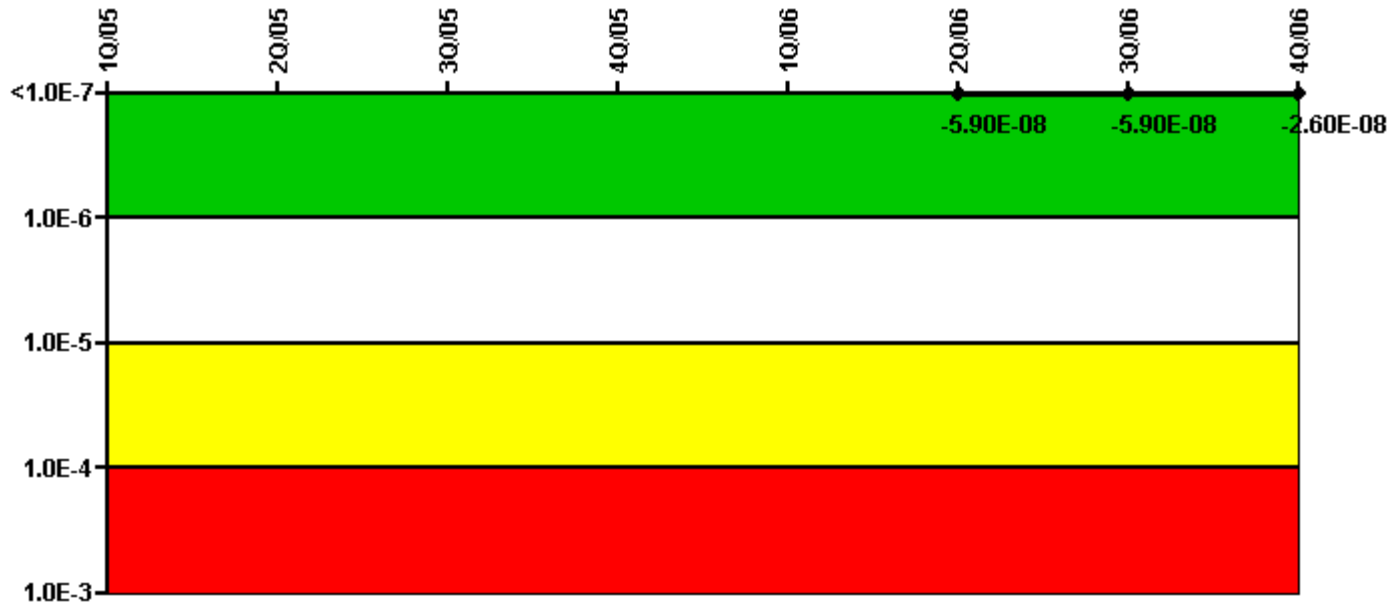
Licensee Comments:

4Q/06: Verified and entered new UABLP and UABLU for 2002 -2004 baseline period.

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

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)						4.10E-08	4.10E-08	7.40E-08
URI (ΔCDF)						-1.00E-07	-1.00E-07	-1.00E-07
PLE						NO	NO	NO
Indicator value						-5.90E-08	-5.90E-08	-2.60E-08

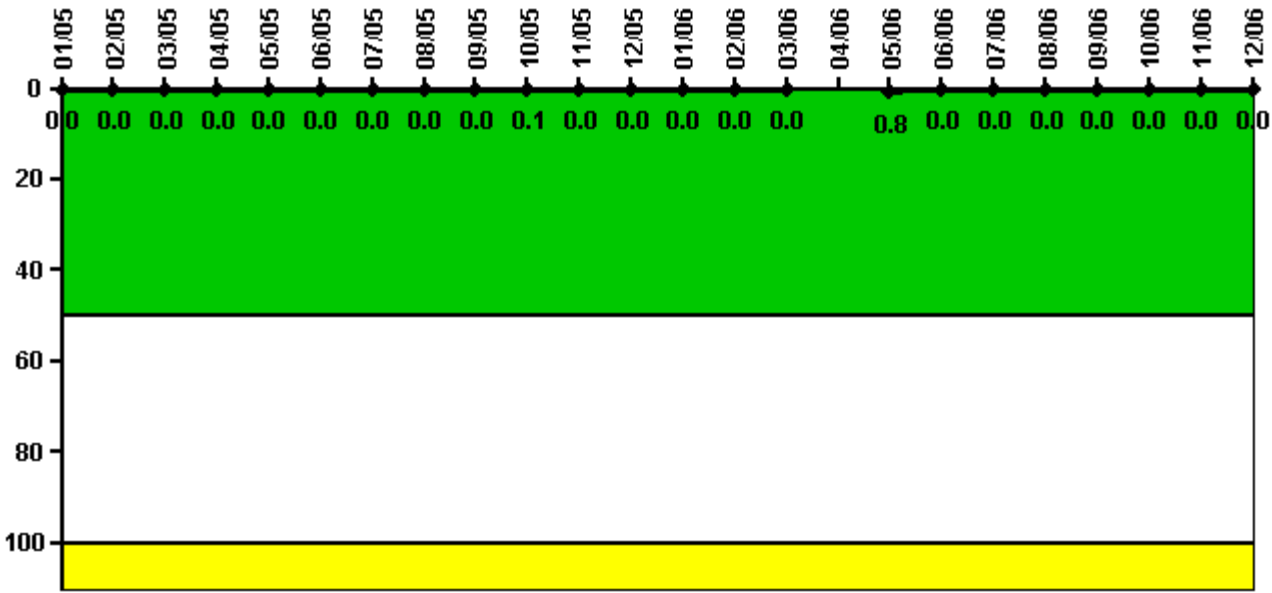
Licensee Comments:

4Q/06: Verified and entered new UABLP and UABLU for 2002 -2004 baseline period.

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

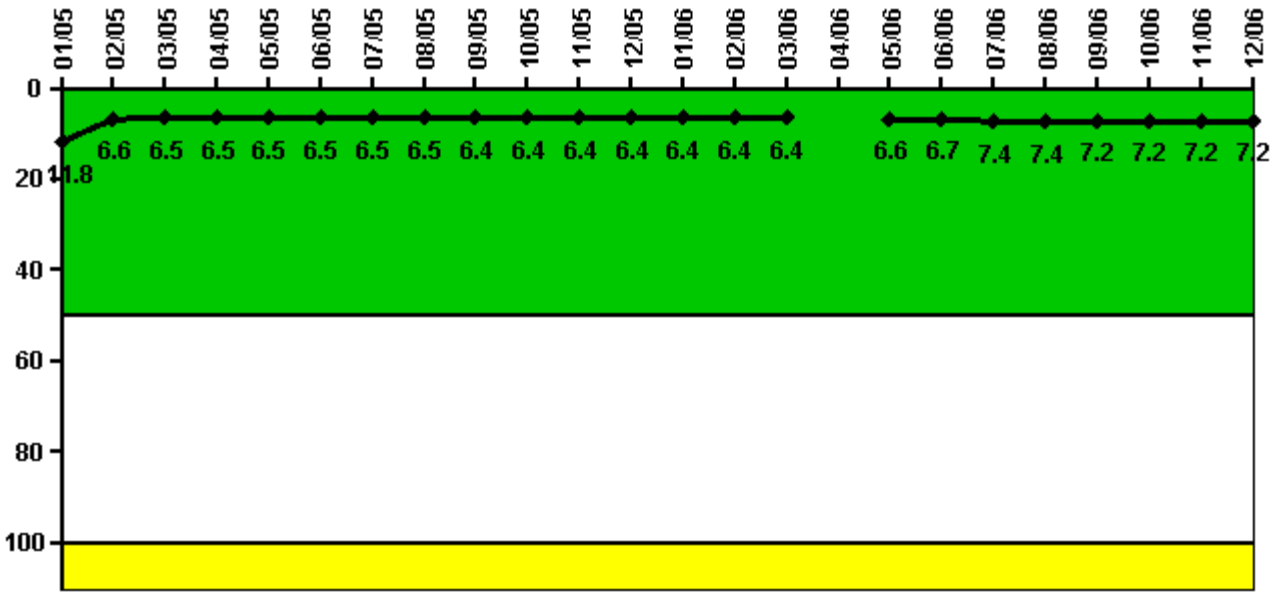
Notes

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	0.000099	0.000062	0.000068	0.000091	0.000078	0.000072	0.000079	0.000074	0.000063	0.000100	0.000049	0.000053
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	0	0	0	0	0	0	0	0	0.1	0	0

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	0.000054	0.000043	0.000084	N/A	0.001650	0.000040	0.000034	0.000039	0.000031	0.000032	0.000051	0.000031
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	0	0	N/A	0.8	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

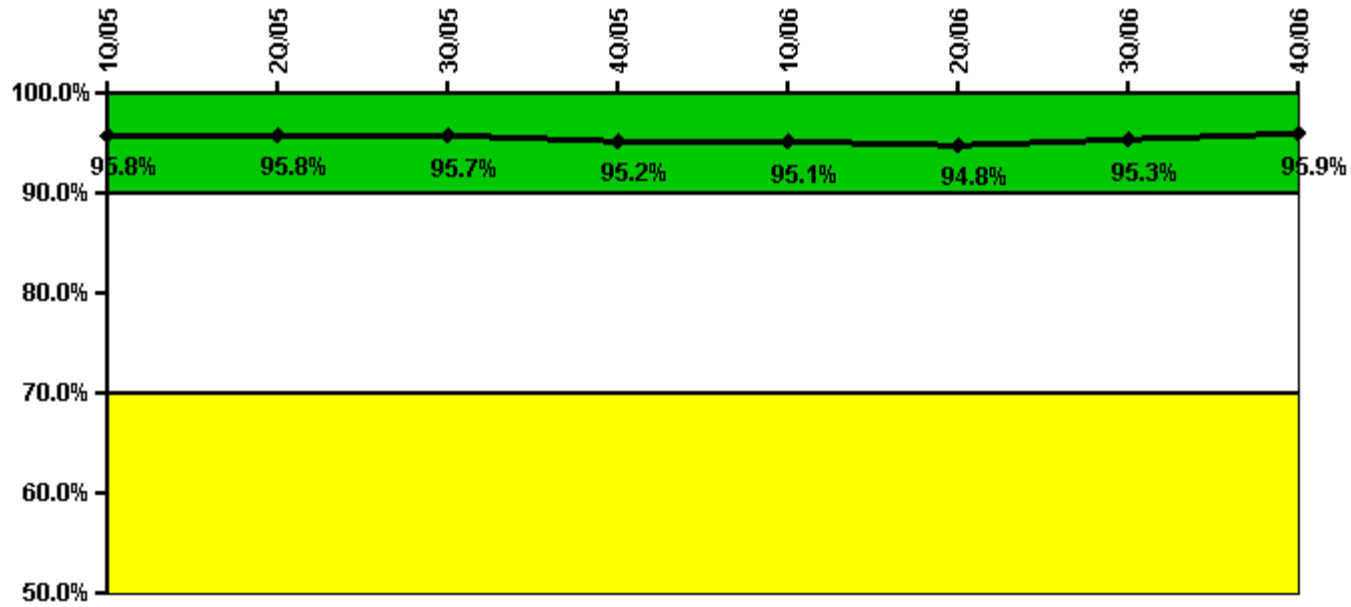
Notes

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	2.940	1.640	1.620	1.620	1.620	1.620	1.630	1.620	1.610	1.610	1.600	1.600
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	11.8	6.6	6.5	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.4	6.4

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	1.600	1.600	1.610	N/A	1.660	1.670	1.840	1.860	1.810	1.800	1.810	1.800
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	6.4	6.4	6.4	N/A	6.6	6.7	7.4	7.4	7.2	7.2	7.2	7.2

Licensee Comments: none

Drill/Exercise Performance



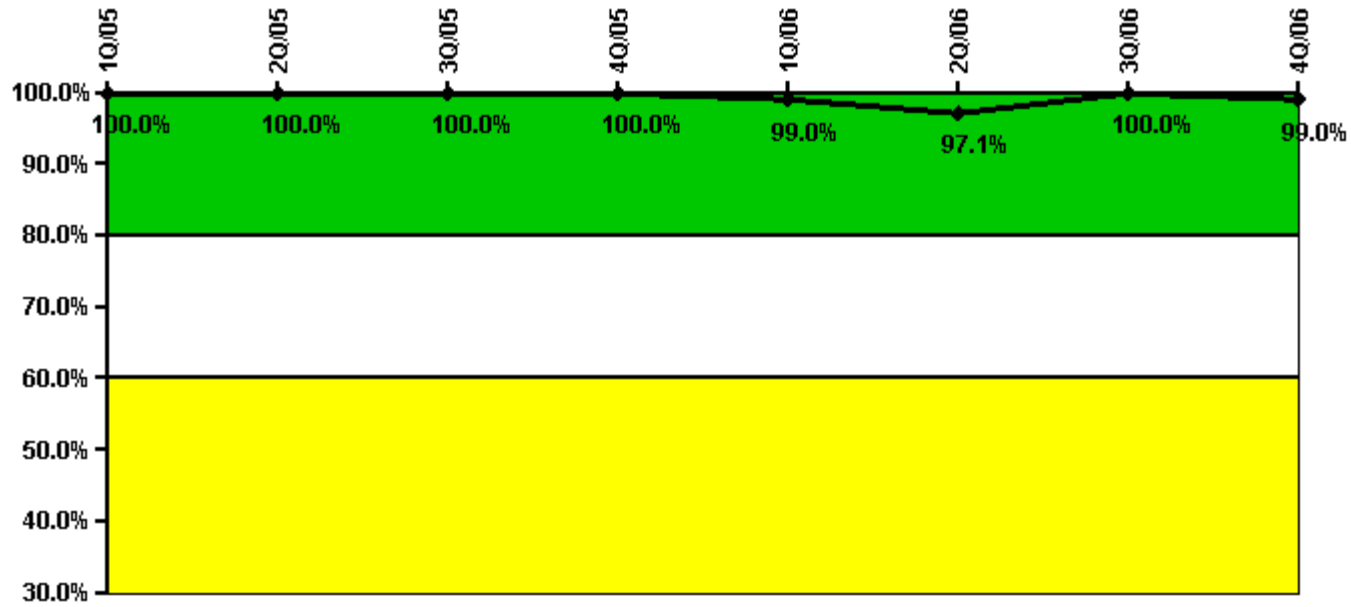
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	34.0	28.0	56.0	30.0	11.0	37.0	60.0	25.0
Total opportunities	36.0	28.0	59.0	33.0	12.0	38.0	62.0	25.0
Indicator value	95.8%	95.8%	95.7%	95.2%	95.1%	94.8%	95.3%	95.9%

Licensee Comments: none

ERO Drill Participation



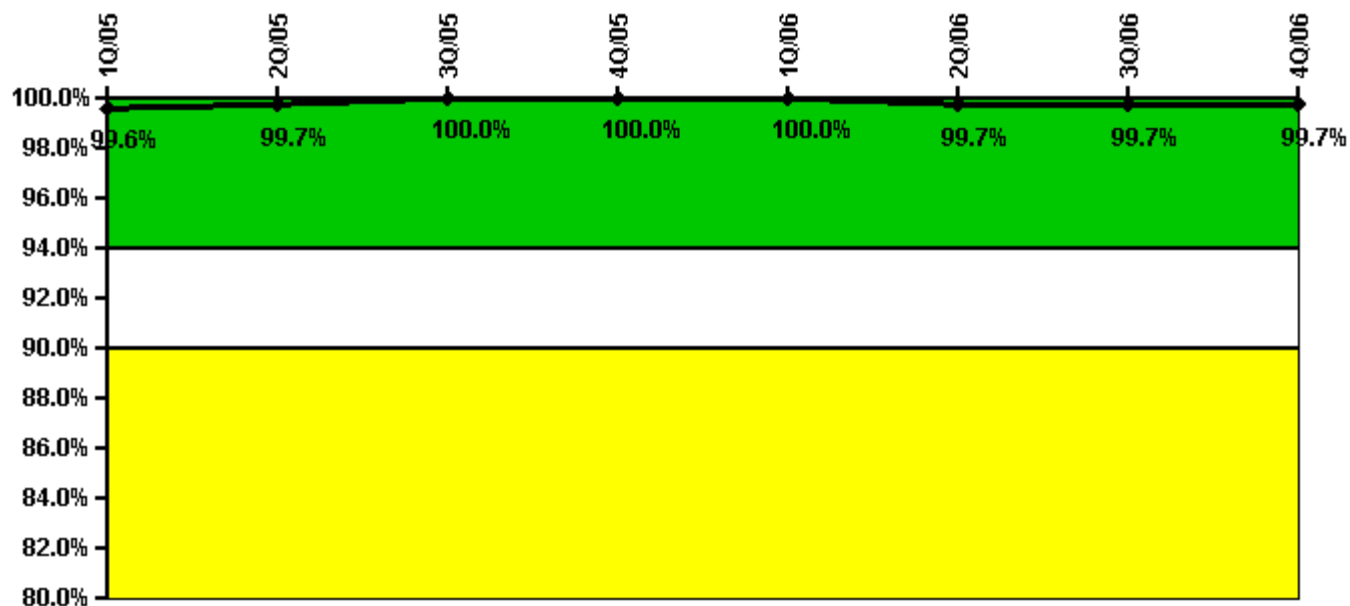
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	103.0	105.0	107.0	105.0	102.0	102.0	103.0	103.0
Total Key personnel	103.0	105.0	107.0	105.0	103.0	105.0	103.0	104.0
Indicator value	100.0%	100.0%	100.0%	100.0%	99.0%	97.1%	100.0%	99.0%

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	186	186	186	186	186	184	186	186
Total sirens-tests	186	186	186	186	186	186	186	186
Indicator value	99.6%	99.7%	100.0%	100.0%	100.0%	99.7%	99.7%	99.7%

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.