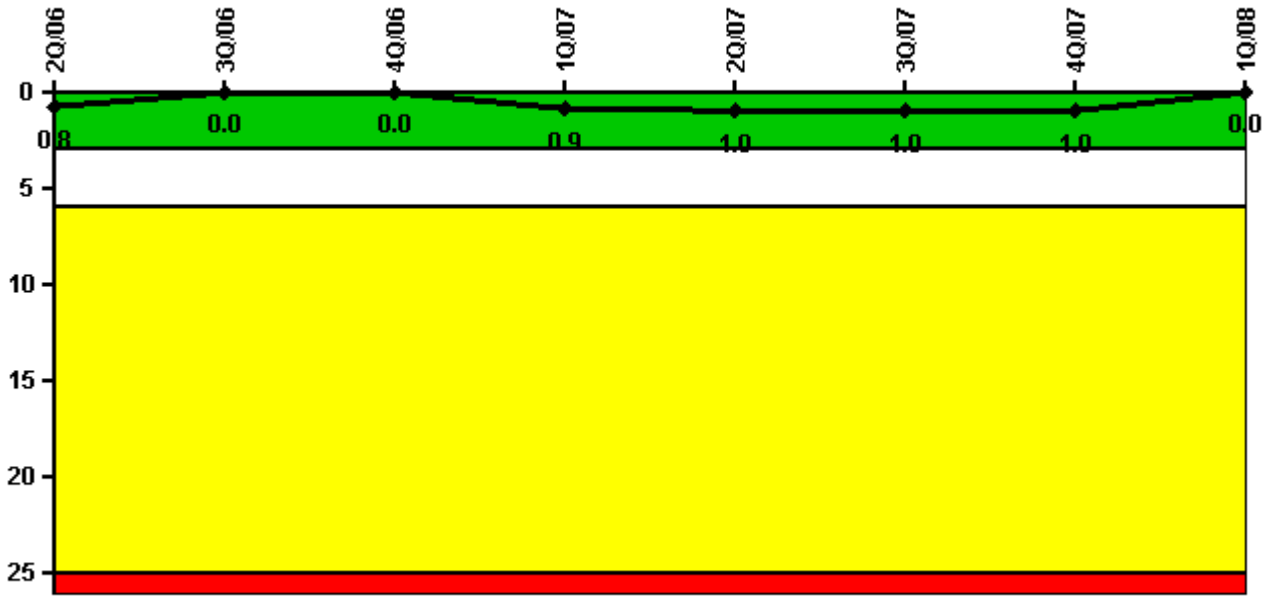


Browns Ferry 2

1Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



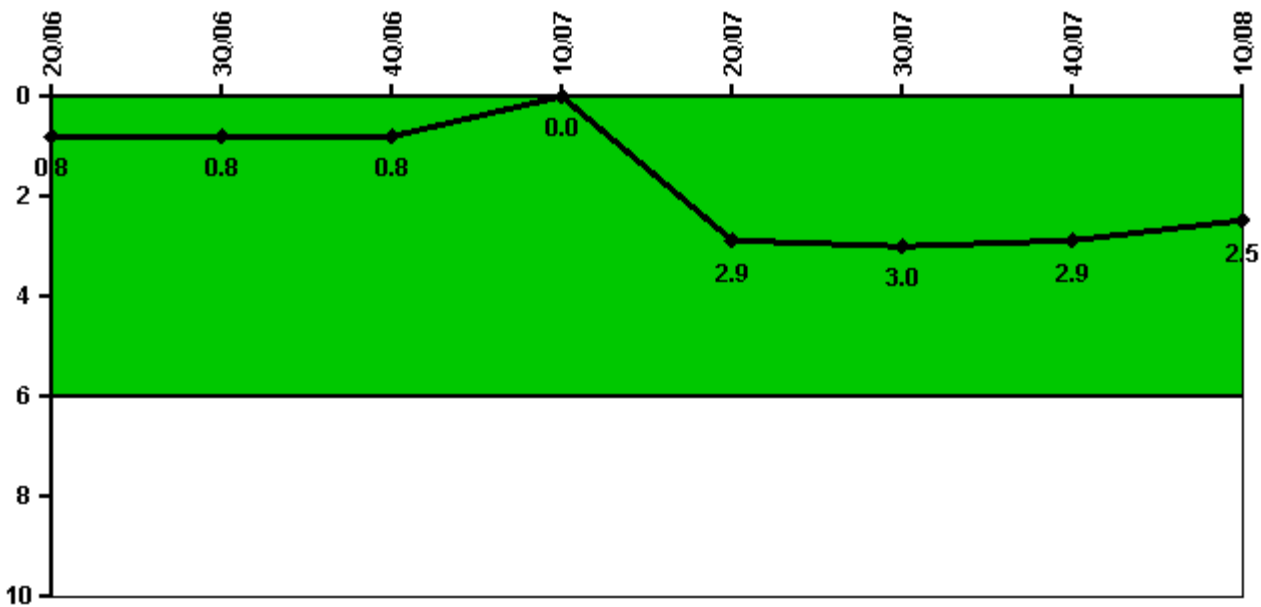
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2072.9	2208.0	1950.1	1180.7	1832.1	2124.2	2209.0	2183.0
Indicator value	0.8	0	0	0.9	1.0	1.0	1.0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	0	0	0	0	3.0	0	0	0
Critical hours	2072.9	2208.0	1950.1	1180.7	1832.1	2124.2	2209.0	2183.0
Indicator value	0.8	0.8	0.8	0	2.9	3.0	2.9	2.5

Licensee Comments: none

Unplanned Scrams with Complications



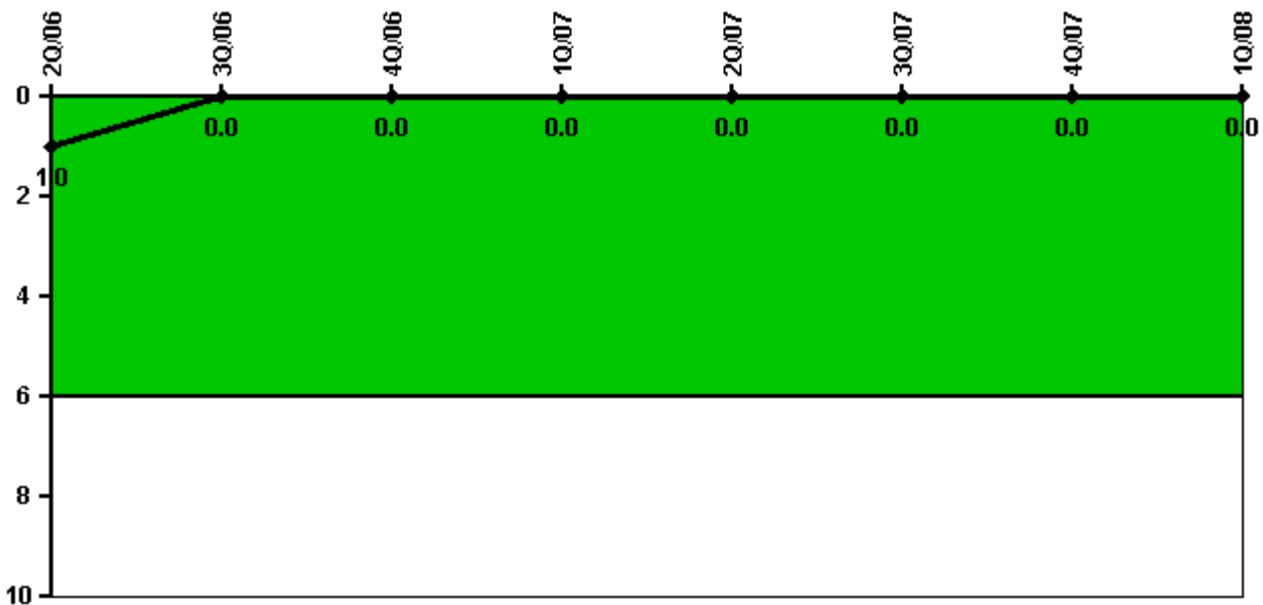
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Scrams with complications			0	0	0	0	0	0
Indicator value						0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



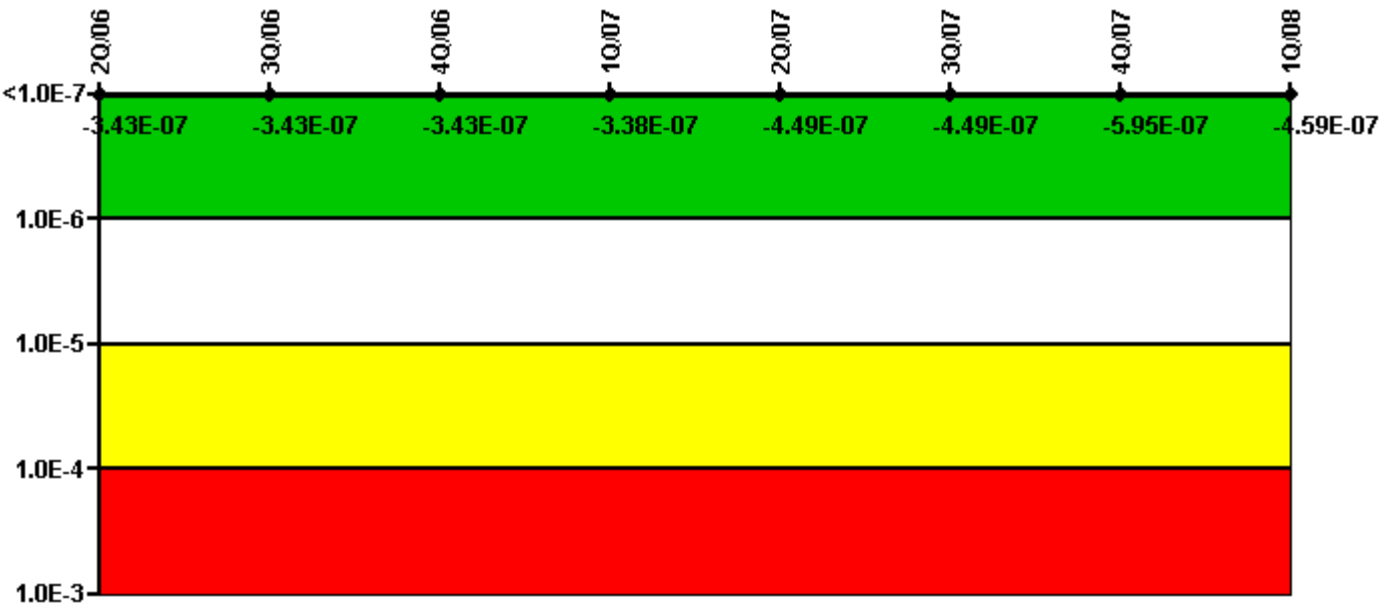
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	0	0	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	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-3.30E-08	-3.30E-08	-3.30E-08	-2.80E-08	2.10E-08	2.10E-08	2.50E-08	1.10E-08
URI (Δ CDF)	-3.10E-07	-3.10E-07	-3.10E-07	-3.10E-07	-4.70E-07	-4.70E-07	-6.20E-07	-4.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.43E-07	-3.43E-07	-3.43E-07	-3.38E-07	-4.49E-07	-4.49E-07	-5.95E-07	-4.59E-07

Licensee Comments:

4Q/07: Unlocked to add U1 MSPI PRA numbers to 0A Diesel Generator Device. JAY 2/26/08

3Q/07: Unlocked to add U1 MSPI PRA numbers to 0A Diesel Generator Device. JAY 2/26/08

2Q/07: A review of U2 and U3 MSPI baseline data entered in the CDE database identified several discrepancies with U2 and U3 MSPI Basis Documents. Unlocked to correct. Reference BFN PER 127680 Unlocked to add U1 MSPI PRA numbers to 0A Diesel Generator Device. JAY 2/26/08

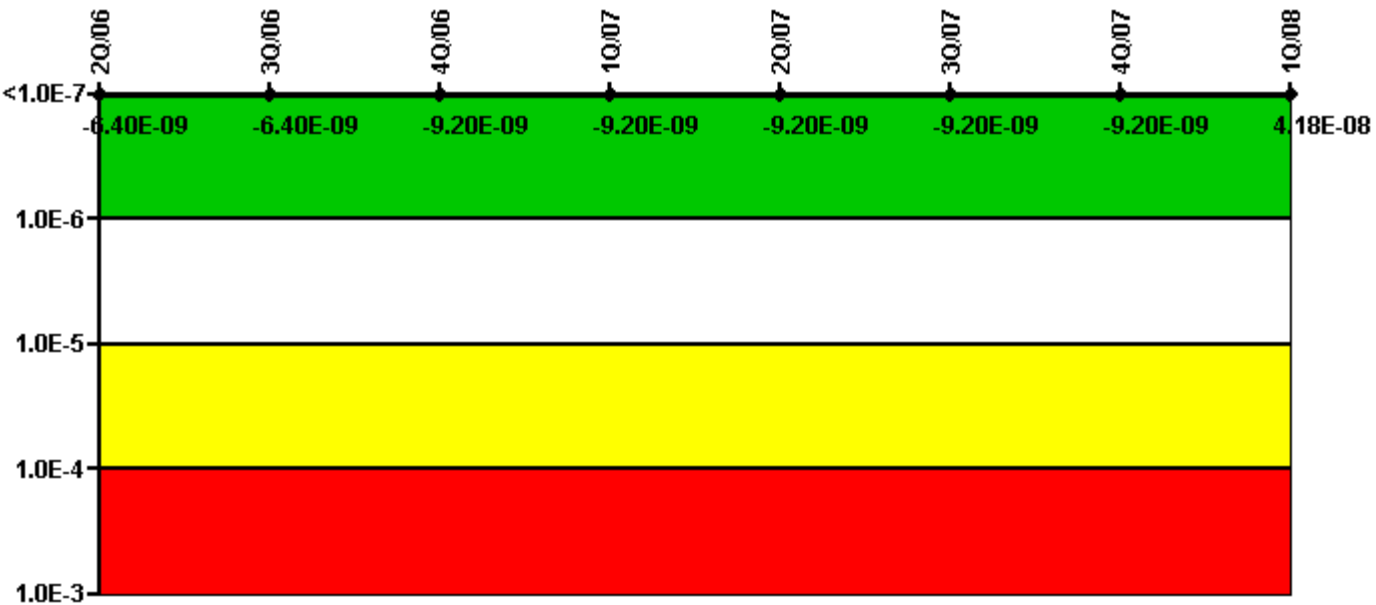
1Q/07: Unlocked to add U1 MSPI PRA numbers to 0A Diesel Generator Device. JAY 2/26/08

4Q/06: Unlocked to add U1 MSPI PRA numbers to 0A Diesel Generator Device. JAY 2/26/08

3Q/06: Unlocked to add U1 MSPI PRA numbers to 0A Diesel Generator Device. JAY 2/26/08

2Q/06: A review of U2 and U3 MSPI baseline data entered in the CDE database identified several discrepancies with U2 and U3 MSPI Basis Documents. Unlocked to correct. Reference BFN PER 127680 Unlocked to add U1 MSPI PRA numbers to 0A Diesel Generator Device. JAY 2/26/08

Mitigating Systems Performance Index, High Pressure Injection System



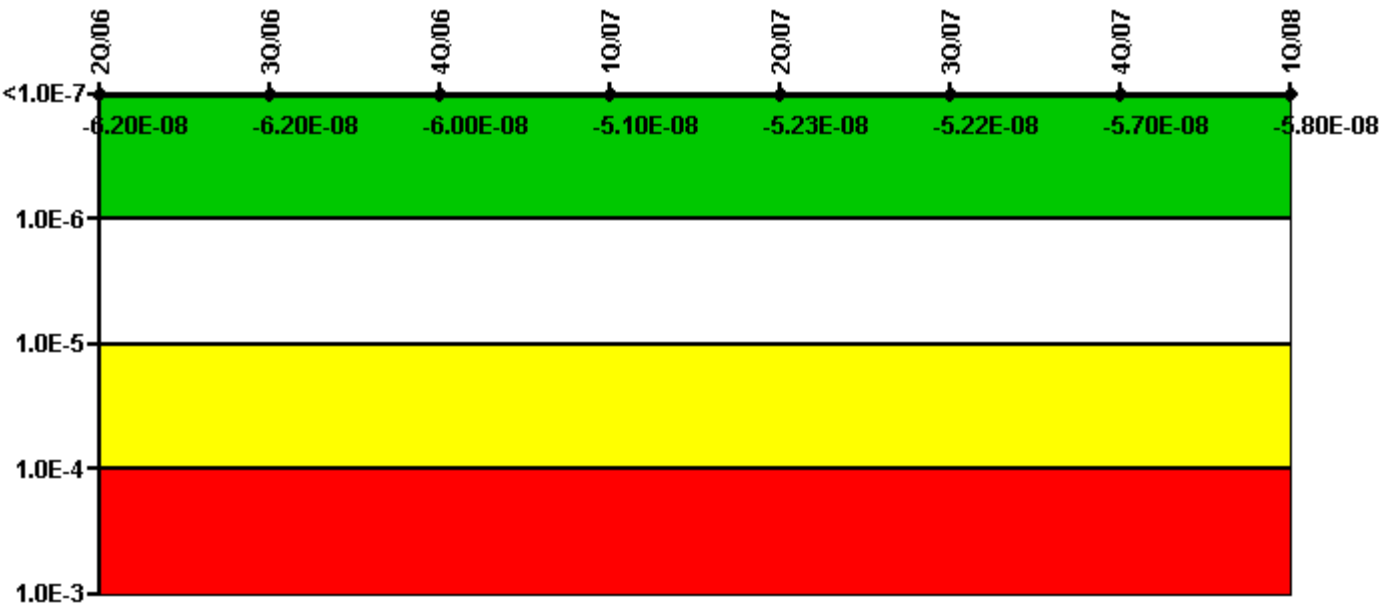
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	-9.20E-09	-9.20E-09	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	-1.20E-08	3.90E-08
URI (ΔCDF)	2.80E-09	2.80E-09	2.80E-09	2.80E-09	2.80E-09	2.80E-09	2.80E-09	2.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.40E-09	-6.40E-09	-9.20E-09	-9.20E-09	-9.20E-09	-9.20E-09	-9.20E-09	4.18E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



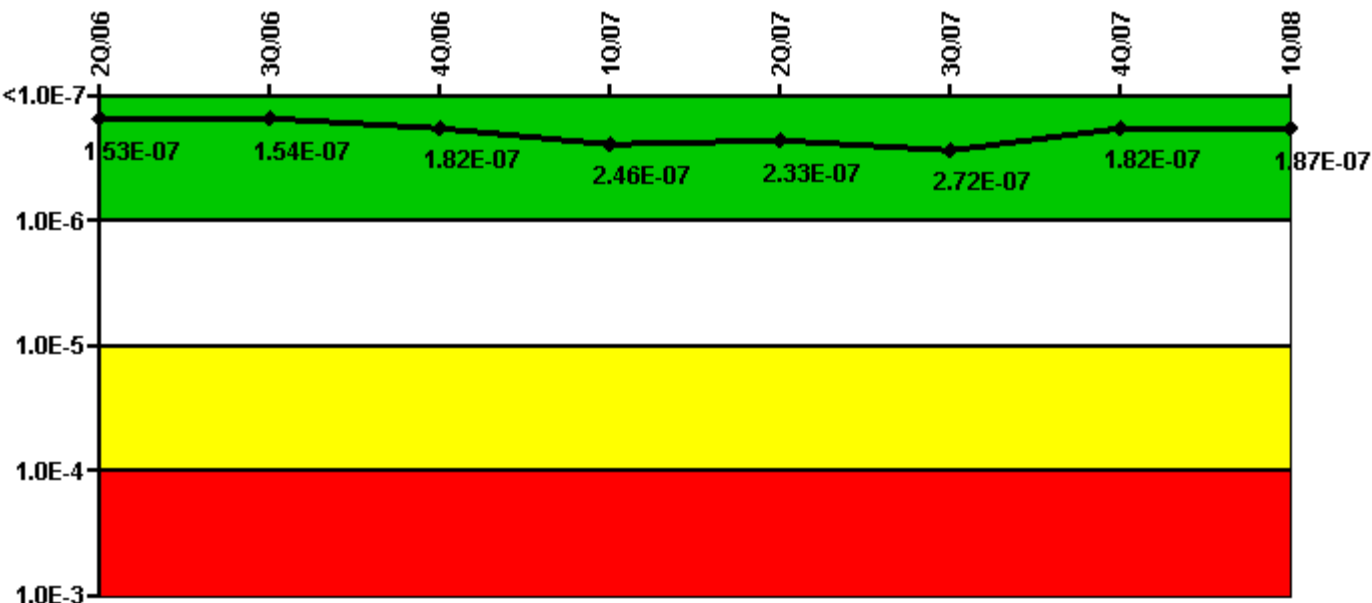
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-2.00E-08	-2.00E-08	-2.00E-08	-7.00E-09	-8.30E-09	-8.20E-09	-1.30E-08	-1.40E-08
URI (Δ CDF)	-4.20E-08	-4.20E-08	-4.00E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.20E-08	-6.20E-08	-6.00E-08	-5.10E-08	-5.23E-08	-5.22E-08	-5.70E-08	-5.80E-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	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	2.50E-07	2.50E-07	2.80E-07	3.30E-07	3.20E-07	3.60E-07	2.70E-07	2.70E-07
URI (ΔCDF)	-9.70E-08	-9.60E-08	-9.80E-08	-8.40E-08	-8.70E-08	-8.80E-08	-8.80E-08	-8.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.53E-07	1.54E-07	1.82E-07	2.46E-07	2.33E-07	2.72E-07	1.82E-07	1.87E-07

Licensee Comments:

4Q/07: Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08

3Q/07: Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08

2Q/07: A review of U2 and U3 MSPI baseline data entered in the CDE database identified several discrepancies with U2 and U3 MSPI Basis Documents. Unlocked to correct. Reference BFN PER 127680 Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08

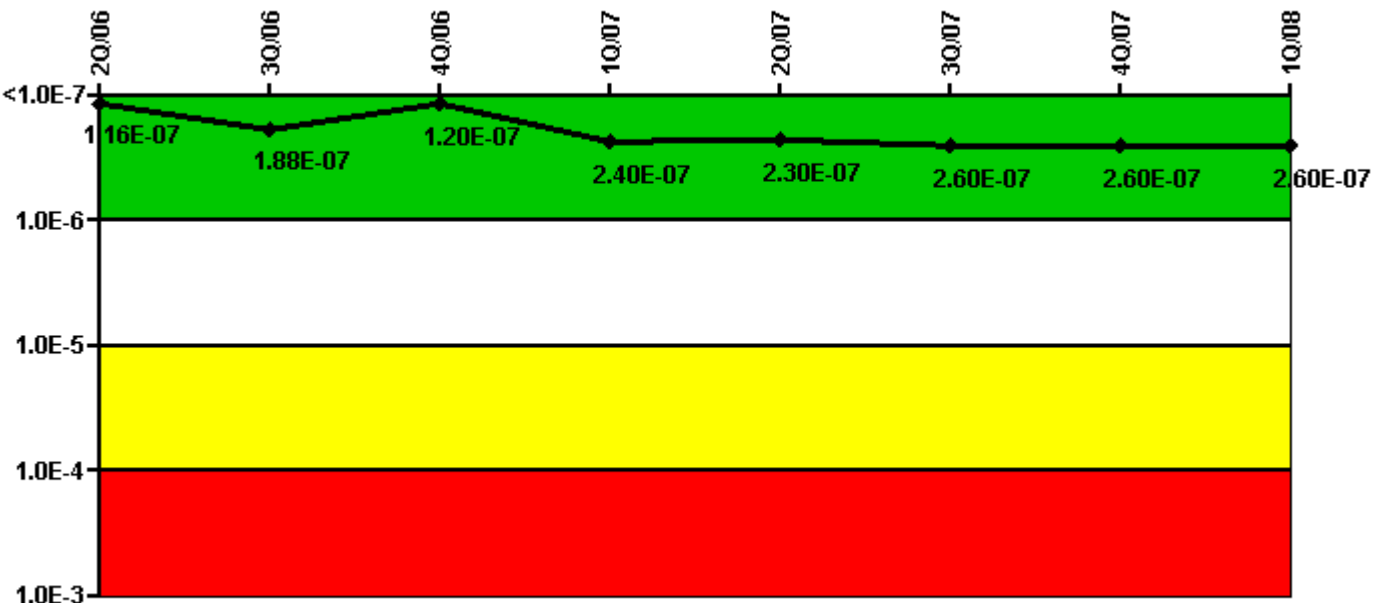
1Q/07: Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08

4Q/06: Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08

3Q/06: Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08

2Q/06: A review of U2 and U3 MSPI baseline data entered in the CDE database identified several discrepancies with U2 and U3 MSPI Basis Documents. Unlocked to correct. Reference BFN PER 127680 Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08

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	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	1.20E-07	1.30E-07	6.80E-08	1.30E-07	1.30E-07	1.60E-07	1.60E-07	1.60E-07
URI (ΔCDF)	-3.70E-09	5.80E-08	5.20E-08	1.10E-07	1.00E-07	1.00E-07	1.00E-07	1.00E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.16E-07	1.88E-07	1.20E-07	2.40E-07	2.30E-07	2.60E-07	2.60E-07	2.60E-07

Licensee Comments:

4Q/07: Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08
 Unlocked to revise EPXI reports 186, 384, 327 based on PER 139177. These EPXI reports were misclassified as demand failures and were reclassified as run failures. JAY 3/29/08

3Q/07: Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08

2Q/07: A review of U2 and U3 MSPI baseline data entered in the CDE database identified several discrepancies with U2 and U3 MSPI Basis Documents. Unlocked to correct. Reference BFN PER 127680
 Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08
 Duplicate devices exist in the INPO CDE database for the RHRWS pumps. One device exists for U2 and one exists for U3. Both of these devices are tied to U1, U2 and U3 MSPI. Unlocked to delete duplicate device PER 141881. JAY 4/9/08

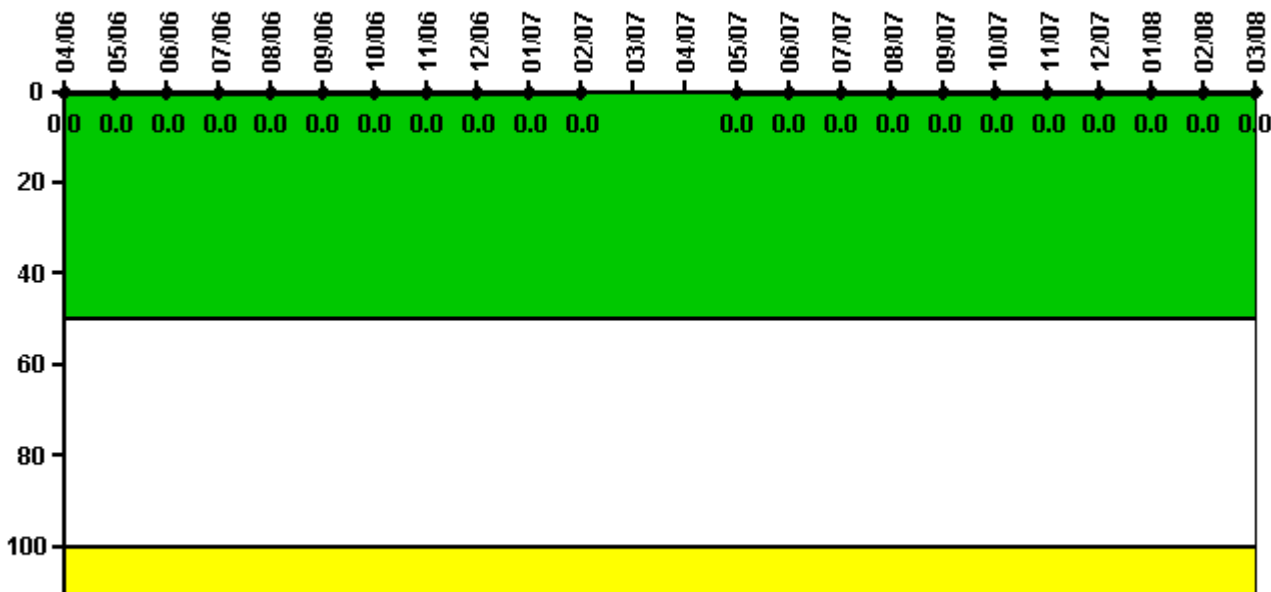
1Q/07: Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08

4Q/06: Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08

3Q/06: Corrected the baseline UA value for Unit 2 CW1 from 1.51E-01 to 1.51E-02. No basis document change - the original value was entered in error. No PI color change. Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08

2Q/06: A review of U2 and U3 MSPI baseline data entered in the CDE database identified several discrepancies with U2 and U3 MSPI Basis Documents. Unlocked to correct. Reference BFN PER 127680 Unlocked to add U1 MSPI PRA numbers to A2 RHRWS Pump Device. Each failure on A2 was reassigned to another device, the U1 PRA parameters added to the A2 RHRWS Pump Device, and the failures reassigned. JAY 2/27/08 Duplicate devices exist in the INPO CDE database for the RHRWS pumps. One device exists for U2 and one exists for U3. Both of these devices are tied to U1, U2 and U3 MSPI. Unlocked to delete duplicate devices. JAY 4/8/08

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

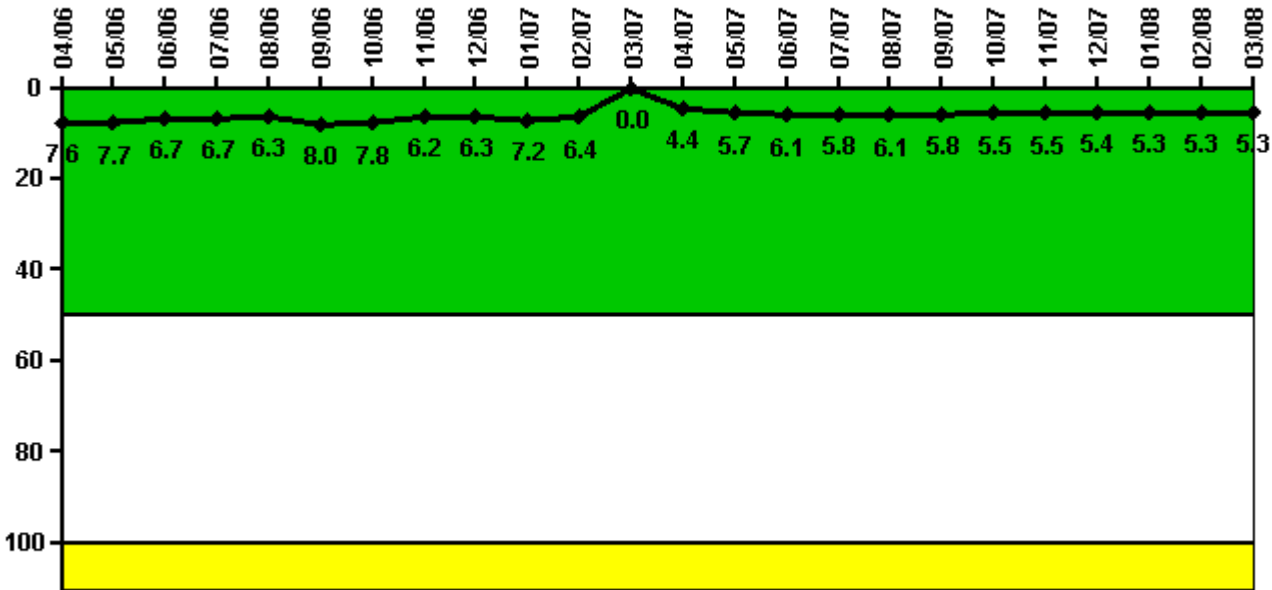
Notes

Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.000038	0.000038	0.000044	0.000036	0.000036	0.000034	0.000036	0.000054	0.000045	0.000087	0.000045	N/A
Technical specification limit	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	N/A

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	N/A	0.000047	0.000035	0.000034	0.000040	0.000033	0.000034	0.000042	0.000036	0.000083	0.000038	0.000051
Technical specification limit	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



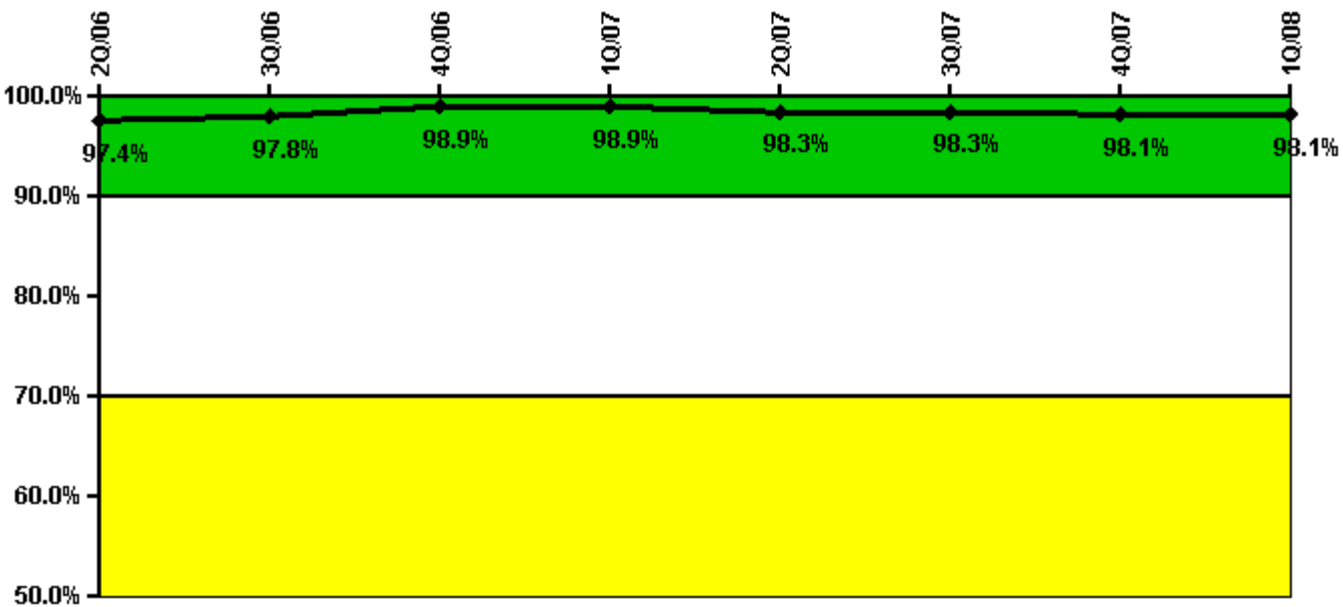
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	2.290	2.300	2.000	2.020	1.880	2.410	2.350	1.860	1.880	2.160	1.930	0
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	7.6	7.7	6.7	6.7	6.3	8.0	7.8	6.2	6.3	7.2	6.4	0
Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	1.330	1.710	1.830	1.740	1.820	1.740	1.660	1.640	1.610	1.590	1.590	1.590
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	4.4	5.7	6.1	5.8	6.1	5.8	5.5	5.5	5.4	5.3	5.3	5.3

Licensee Comments: none

Drill/Exercise Performance



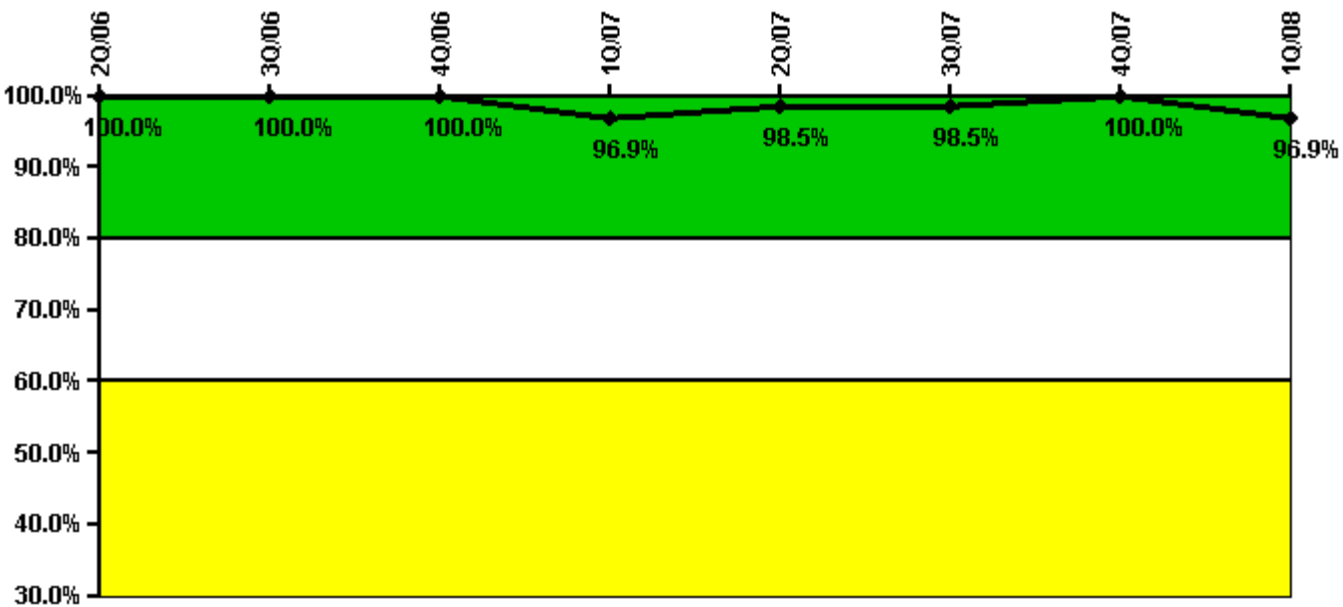
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	15.0	44.0	24.0	0	7.0	8.0	55.0	6.0
Total opportunities	16.0	44.0	24.0	0	8.0	8.0	56.0	6.0
Indicator value	97.4%	97.8%	98.9%	98.9%	98.3%	98.3%	98.1%	98.1%

Licensee Comments: none

ERO Drill Participation



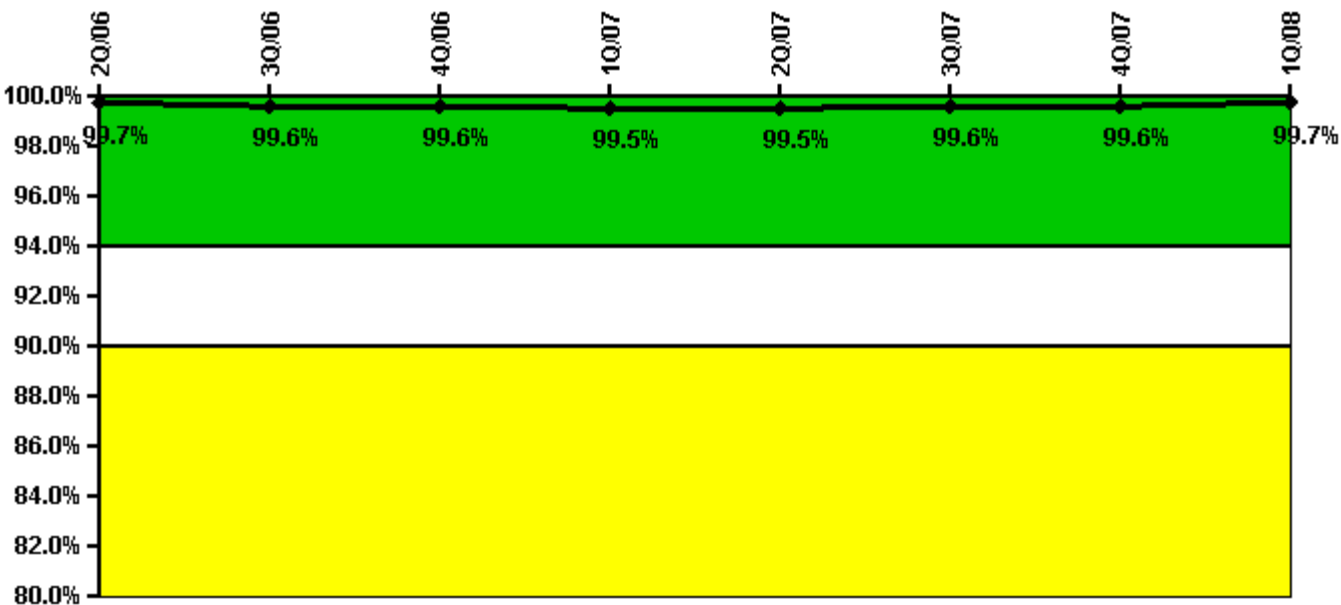
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	73.0	69.0	68.0	63.0	66.0	66.0	68.0	62.0
Total Key personnel	73.0	69.0	68.0	65.0	67.0	67.0	68.0	64.0
Indicator value	100.0%	100.0%	100.0%	96.9%	98.5%	98.5%	100.0%	96.9%

Licensee Comments: none

Alert & Notification System



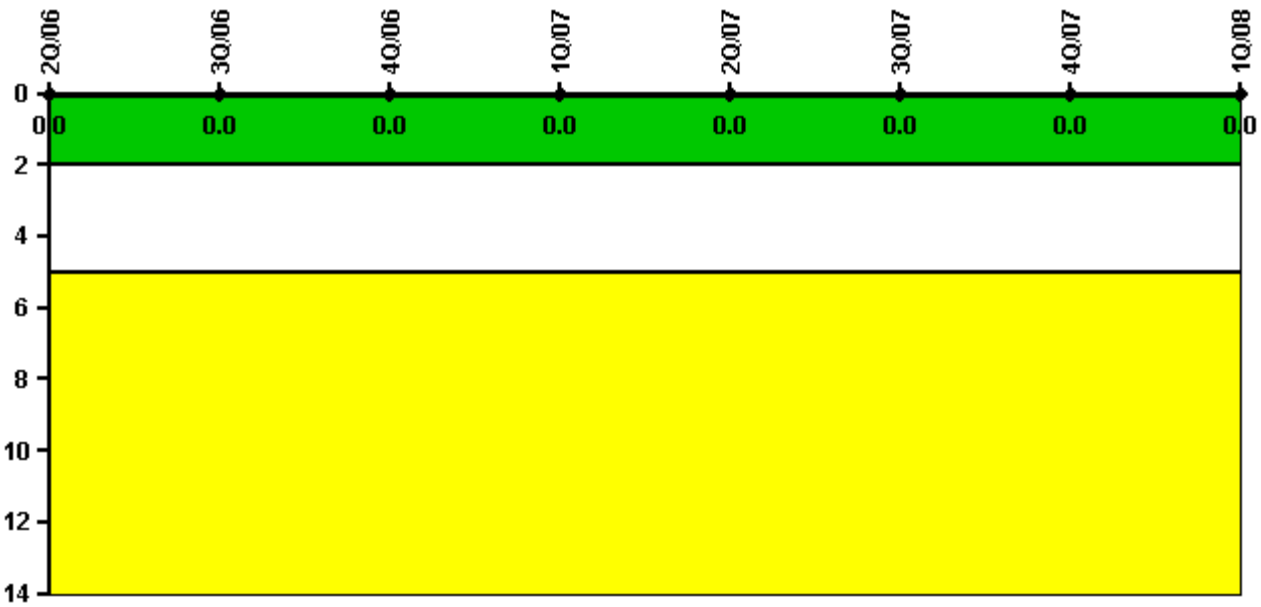
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	896	793	798	797	795	798	698	999
Total sirens-tests	900	800	800	800	800	800	700	1000
Indicator value	99.7%	99.6%	99.6%	99.5%	99.5%	99.6%	99.6%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
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	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
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.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 30, 2008