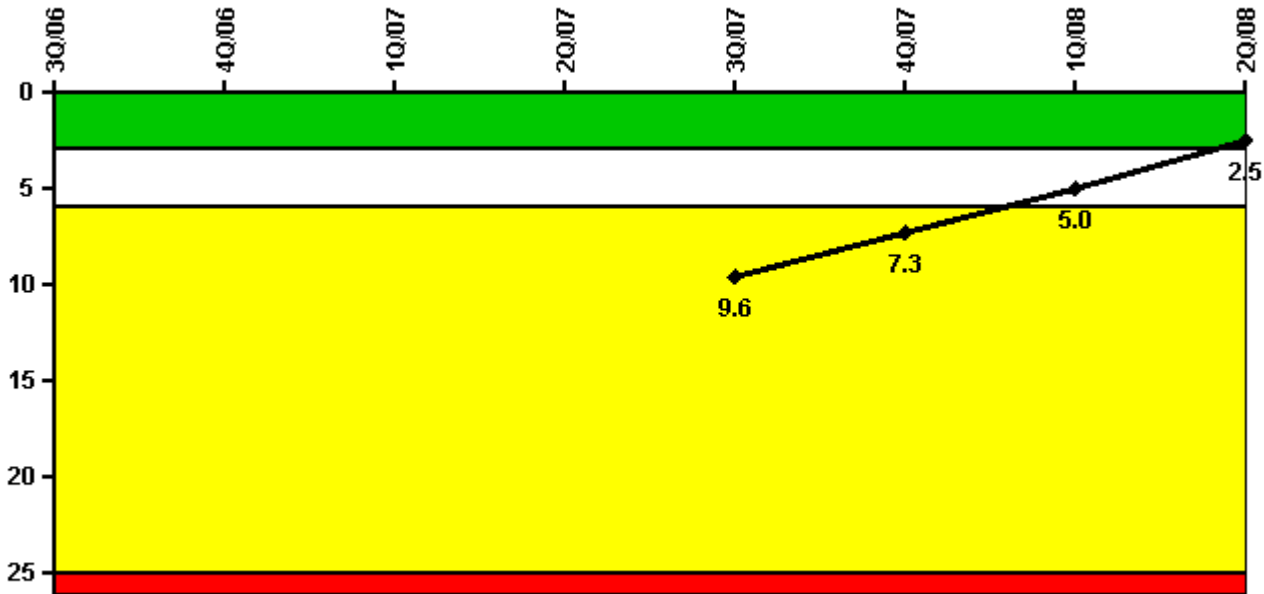


Browns Ferry 1

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



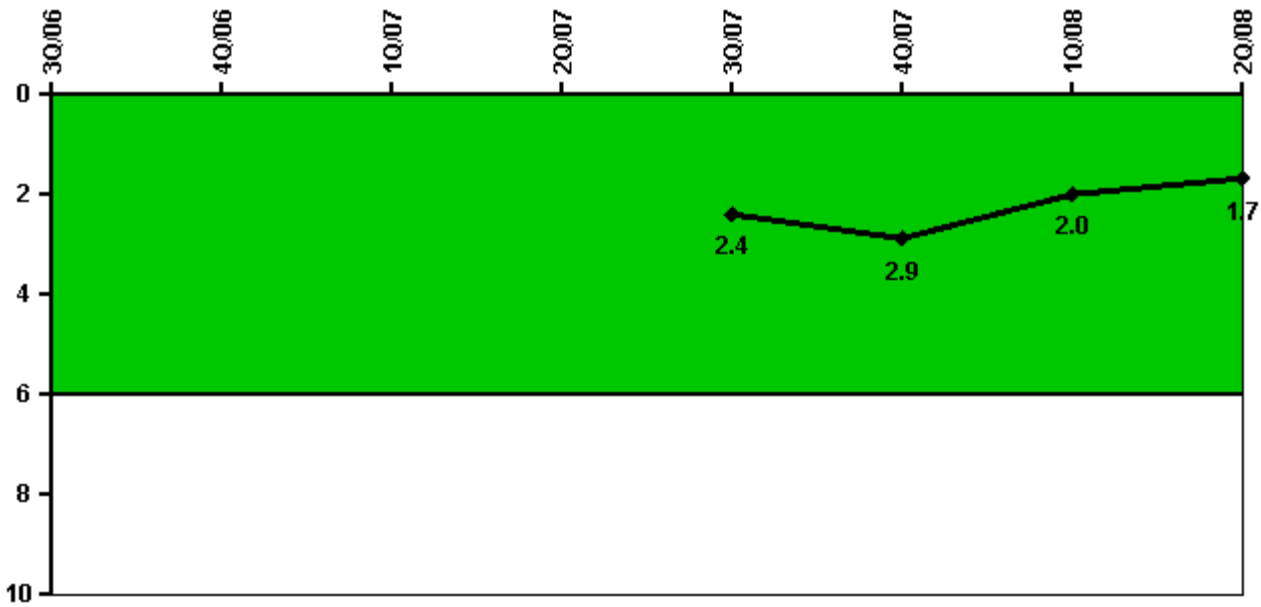
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned scrams	0	0	0	2.0	2.0	1.0	0	0
Critical hours	0	0	0	773.5	2137.5	1877.4	2183.0	2184.0
Indicator value	N/A	N/A	N/A	N/A	9.6	7.3	5.0	2.5

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



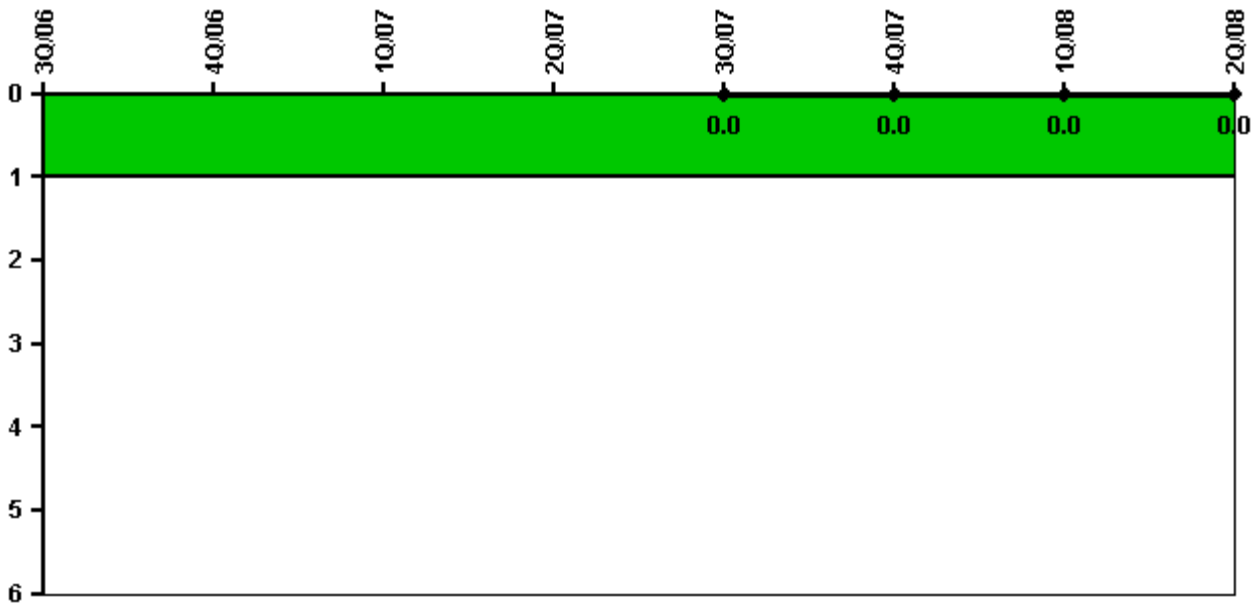
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	0	0	0	1.0	1.0	0	0
Critical hours	0	0	0	773.5	2137.5	1877.4	2183.0	2184.0
Indicator value	N/A	N/A	N/A	N/A	2.4	2.9	2.0	1.7

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

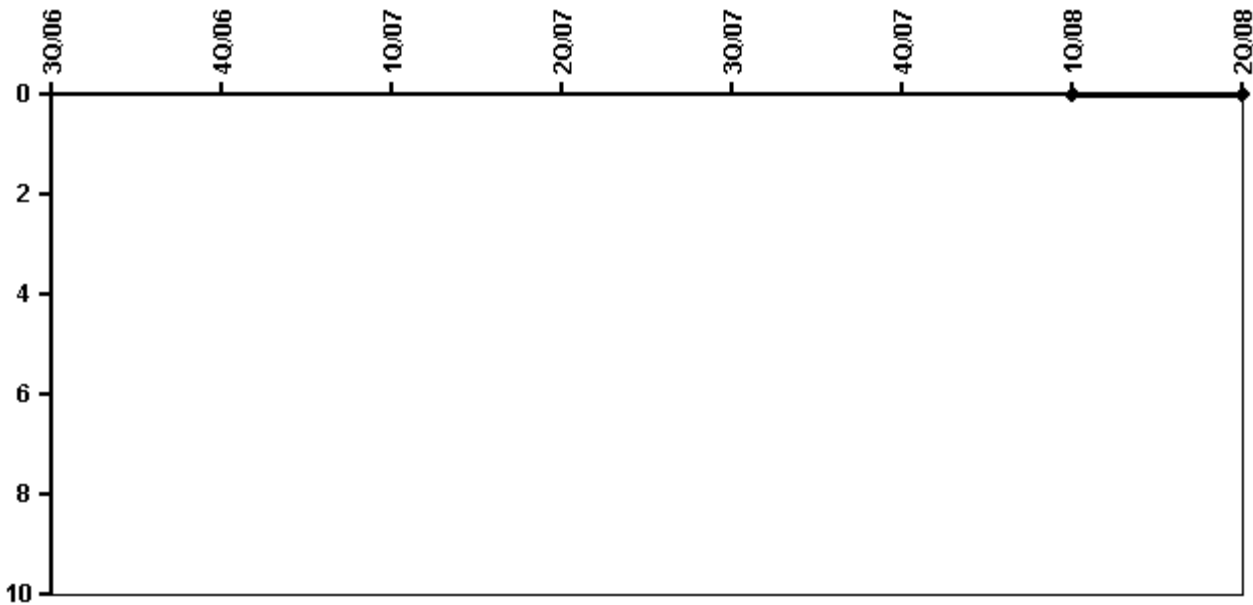
Notes

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

Licensee Comments:

3Q/07: On 9/16/07, U1- Received annunciator 1-XA-55-6A, window 17, C3 Heater Level High and observed 1C3 extraction isolation valve, 1-FCV- 5-64, going closed. Indicated 1C3 Heater level on ICS was approximately 42 inches with the drain valve having a full open demand. Followed actions of ARP & 1-AOI-6-1B, LOW PRESSURE FEEDWATER HEATER STRING/EXTRACTION ISOLATION.

Safety System Functional Failures (BWR)



Thresholds:

Notes

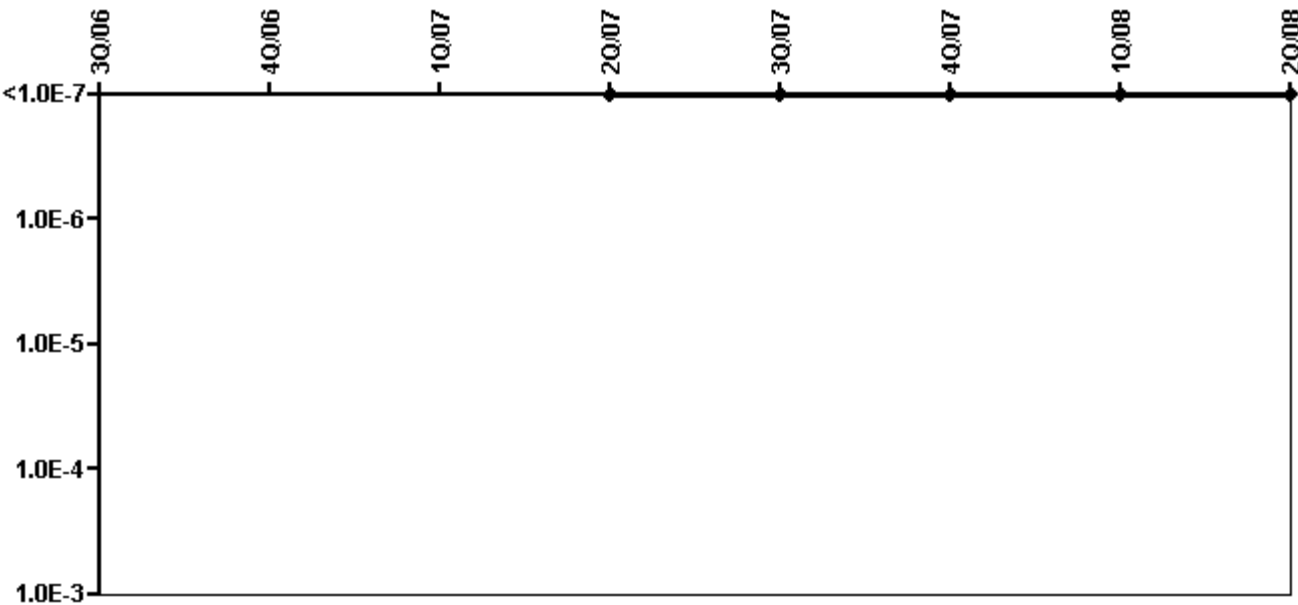
Safety System Functional Failures (BWR)	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Safety System Functional Failures				0	0	0	0	0
Indicator value							0	0

Licensee Comments:

2Q/08: Beginning in the 2nd quarter 2008, the data reported reflects a lack of historical operational data needed to maintain the adequate degree of accuracy required by this PI. Until further notice, MSPI performance threshold crossings will be assessed by the NRC Unit 1 augmented baseline inspection plan.

2Q/07: Unit 1 was restarted on 5/22/07. Per NRC's 5/16/07 letter to TVA on Unit 1 full transition to the Reactor Oversight Process (ADAMS accession ML0713603010), the PI data for the BF1 IE, MS, and BI cornerstones should be submitted, according to IMC 0608 and industry guidance, commencing with the third quarter of CY 2007.

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds:

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)				-4.90E-09	-4.90E-09	-4.90E-09	-3.80E-09	2.30E-09
URI (Δ CDF)				-5.80E-08	-5.80E-08	-5.80E-08	-4.30E-08	-4.30E-08
PLE	N/A	N/A	N/A	NO	NO	NO	NO	NO
Indicator value				-6.29E-08	-6.29E-08	-6.29E-08	-4.68E-08	-4.07E-08

Licensee Comments:

2Q/08: Beginning in the 2nd quarter 2008, the data reported reflects a lack of historical operational data needed to maintain the adequate degree of accuracy required by this PI. Until further notice, MSPI performance threshold crossings will be assessed by the NRC Unit 1 augmented baseline inspection plan.

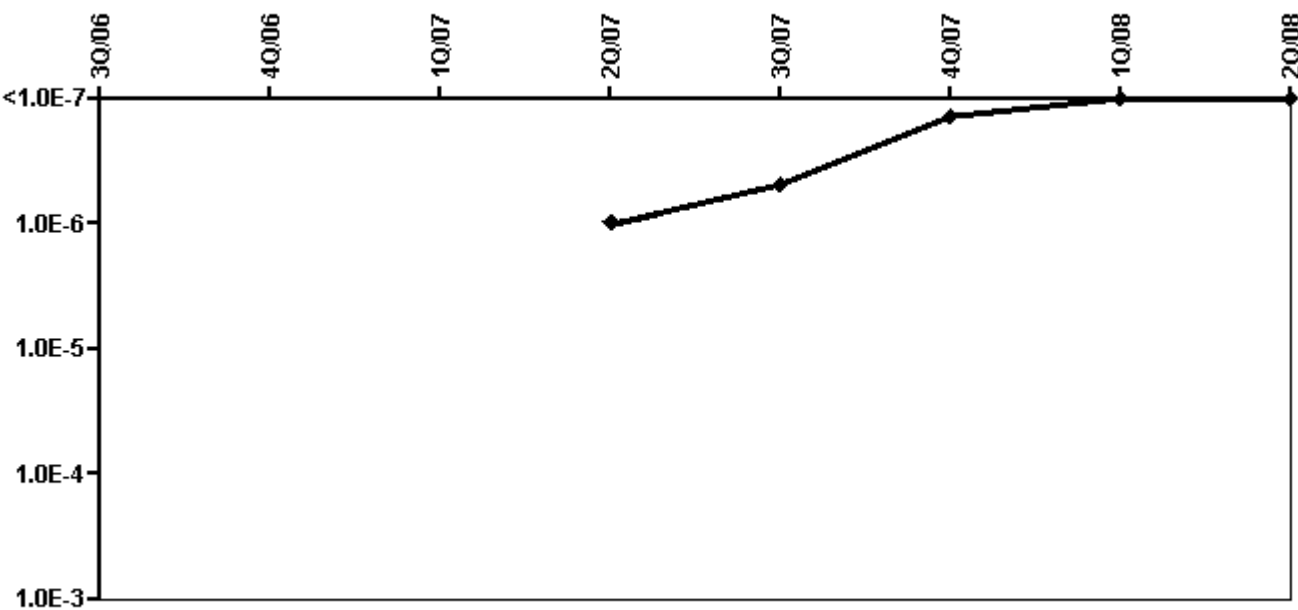
1Q/08: Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculations of time averaged indices.

4Q/07: Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculations of time averaged indices.

3Q/07: Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculations of time-averaged indices.

2Q/07: Unit 1 was restarted on 5/22/07. Per NRC's 5/16/07 letter to TVA on Unit 1 full transition to the Reactor Oversight Process (ADAMS accession ML0713603010), the PI data for the BF1 IE, MS, and BI cornerstones should be submitted, according to IMC 0608 and industry guidance, commencing with the third quarter of CY 2007.

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds:

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)				1.10E-06	6.40E-07	3.60E-07	2.40E-07	4.40E-07
URI (Δ CDF)				-5.60E-08	-1.40E-07	-2.20E-07	-2.90E-07	-3.90E-07
PLE	N/A	N/A	N/A	NO	NO	NO	NO	NO
Indicator value				1.04E-06	5.00E-07	1.40E-07	-5.00E-08	5.00E-08

Licensee Comments:

2Q/08: Beginning in the 2nd quarter 2008, the data reported reflects a lack of historical operational data needed to maintain the adequate degree of accuracy required by this PI. Until further notice, MSPI performance threshold crossings will be assessed by the NRC Unit 1 augmented baseline inspection plan.

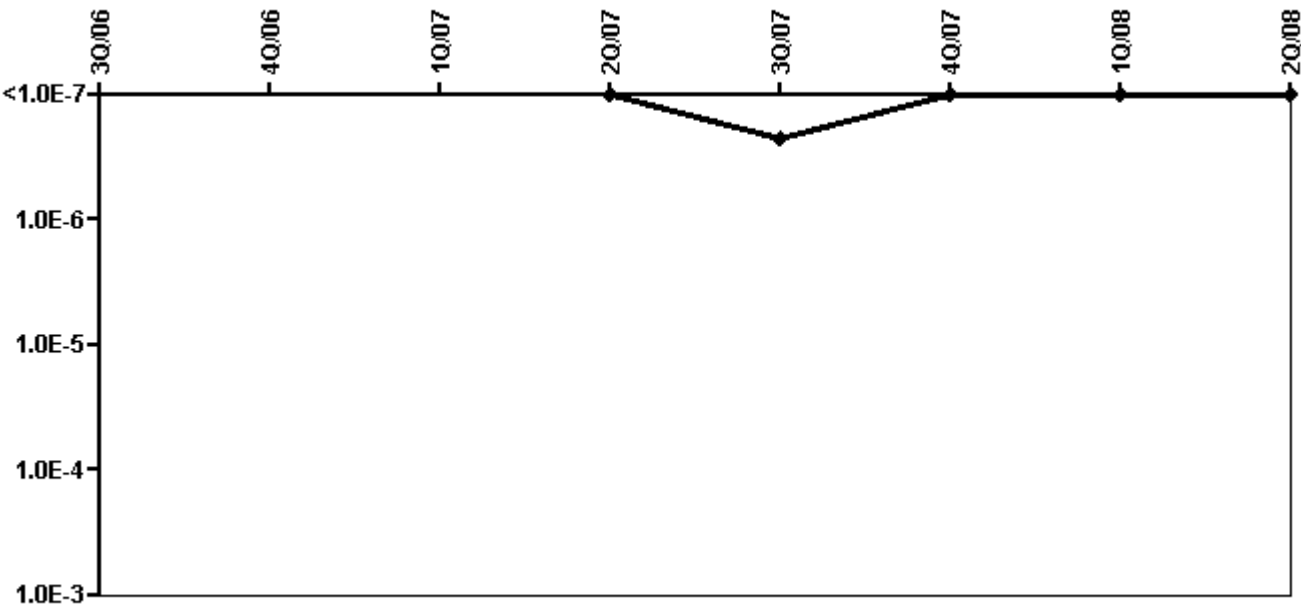
1Q/08: Changed PRA Parameter(s). Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculations of time averaged indices.

4Q/07: Changed PRA Parameter(s). Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculations of time averaged indices.

3Q/07: Changed PRA Parameter(s). Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculation of time-averaged indices.

2Q/07: Changed PRA Parameter(s). Unit 1 was restarted on 5/22/07. Per NRC's 5/16/07 letter to TVA on Unit 1 full transition to the Reactor Oversight Process (ADAMS accession ML0713603010), the PI data for the BF1 IE, MS, and BI cornerstones should be submitted, according to IMC 0608 and industry guidance, commencing with the third quarter of CY 2007.

Mitigating Systems Performance Index, Heat Removal System



Thresholds:

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)				-7.50E-09	2.40E-07	1.20E-07	4.40E-08	5.10E-08
URI (Δ CDF)				-5.20E-09	-1.20E-08	-1.90E-08	-2.60E-08	-3.20E-08
PLE	N/A	N/A	N/A	NO	NO	NO	NO	NO
Indicator value				-1.27E-08	2.28E-07	1.01E-07	1.80E-08	1.90E-08

Licensee Comments:

2Q/08: Beginning in the 2nd quarter 2008, the data reported reflects a lack of historical operational data needed to maintain the adequate degree of accuracy required by this PI. Until further notice, MSPI performance threshold crossings will be assessed by the NRC Unit 1 augmented baseline inspection plan.

1Q/08: Changed PRA Parameter(s). Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculations of time averaged indices.

4Q/07: Changed PRA Parameter(s). Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculations of time averaged indices.

3Q/07: Changed PRA Parameter(s). Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculation of time-averaged indices.

2Q/07: Changed PRA Parameter(s). Unit 1 was restarted on 5/22/07. Per NRC's 5/16/07 letter to TVA on Unit 1 full transition to the Reactor Oversight Process (ADAMS accession ML0713603010), the PI data for the BF1 IE, MS, and BI cornerstones should be submitted, according to IMC 0608 and industry guidance, commencing with the third quarter of CY 2007.

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds:

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)				-6.50E-08	-6.50E-08	1.00E-07	2.00E-08	-8.90E-09
URI (Δ CDF)				-4.50E-08	-5.00E-08	-5.40E-08	-5.60E-08	-5.90E-08
PLE	N/A	N/A	N/A	NO	NO	NO	NO	NO
Indicator value				-1.10E-07	-1.15E-07	4.60E-08	-3.60E-08	-6.79E-08

Licensee Comments:

2Q/08: Beginning in the 2nd quarter 2008, the data reported reflects a lack of historical operational data needed to maintain the adequate degree of accuracy required by this PI. Until further notice, MSPI performance threshold crossings will be assessed by the NRC Unit 1 augmented baseline inspection plan.

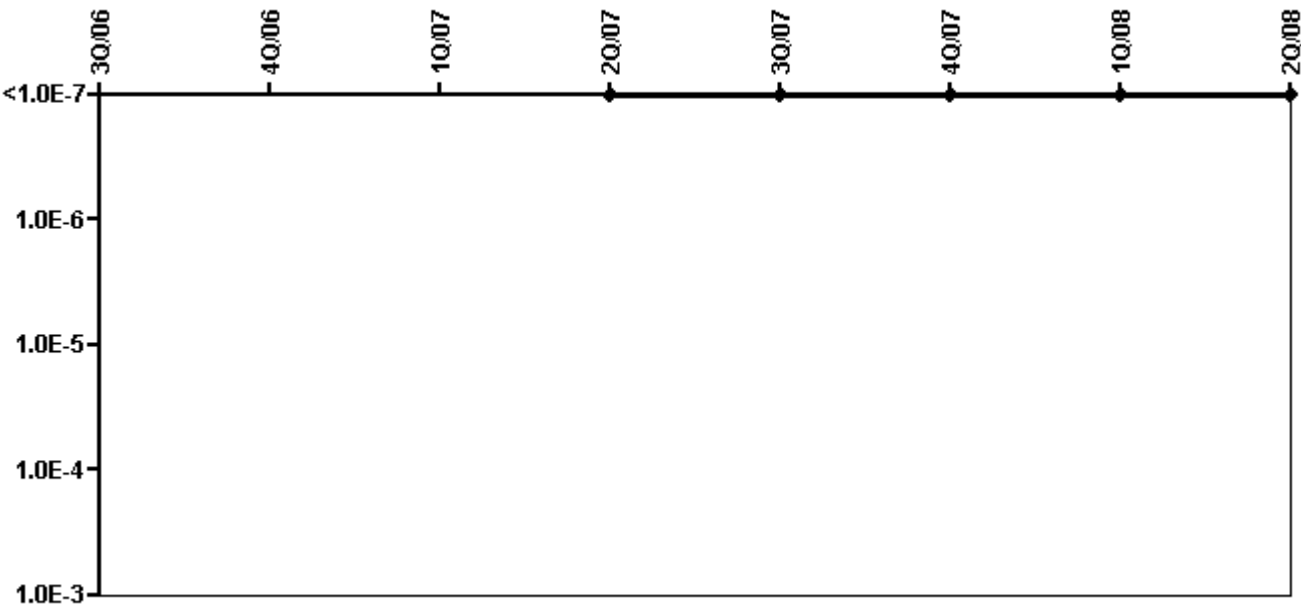
1Q/08: Changed PRA Parameter(s). Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculations of time averaged indices.

4Q/07: Changed PRA Parameter(s). Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculations of time averaged indices.

3Q/07: Changed PRA Parameter(s). Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices will be calculated and reported when sufficient quarterly data has been entered to support valid calculation of time-averaged indices.

2Q/07: Changed PRA Parameter(s). Unit 1 was restarted on 5/22/07. Per NRC's 5/16/07 letter to TVA on Unit 1 full transition to the Reactor Oversight Process (ADAMS accession ML0713603010), the PI data for the BF1 IE, MS, and BI

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds:

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)				-8.20E-09	4.90E-08	2.50E-08	1.30E-08	1.50E-08
URI (ΔCDF)				-1.00E-07	-1.00E-07	-1.00E-07	-1.00E-07	-1.00E-07
PLE	N/A	N/A	N/A	NO	NO	NO	NO	NO
Indicator value				-1.08E-07	-5.10E-08	-7.50E-08	-8.70E-08	-8.50E-08

Licensee Comments:

2Q/08: Beginning in the 2nd quarter 2008, the data reported reflects a lack of historical operational data needed to maintain the adequate degree of accuracy required by this PI. Until further notice, MSPI performance threshold crossings will be assessed by the NRC Unit 1 augmented baseline inspection plan.

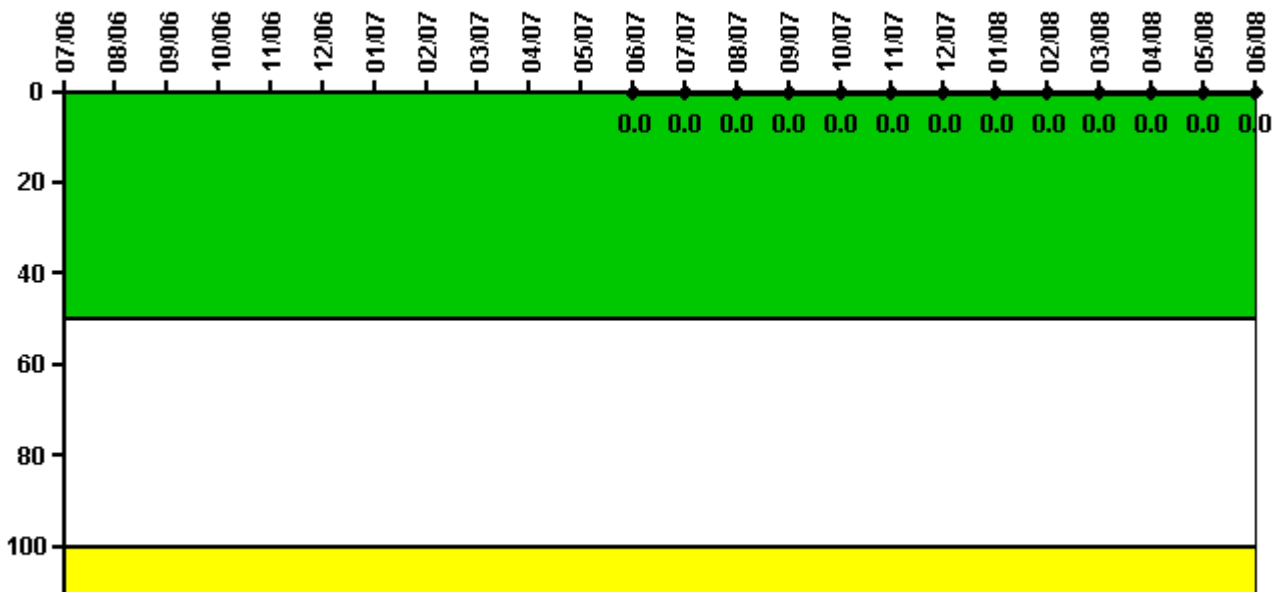
1Q/08: Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculations of time averaged indices.

4Q/07: Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculations of time averaged indices.

3Q/07: Browns Ferry Unit 1 quarterly data entry began with 3rd Quarter 2007. Unavailability and Unreliability Indices values will be calculated and reported when sufficient quarterly data has been entered to support valid calculation of time-averaged indices.

2Q/07: Unit 1 was restarted on 5/22/07. Per NRC's 5/16/07 letter to TVA on Unit 1 full transition to the Reactor Oversight Process (ADAMS accession ML0713603010), the PI data for the BF1 IE, MS, and BI cornerstones should be submitted, according to IMC 0608 and industry guidance, commencing with the third quarter of CY 2007.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

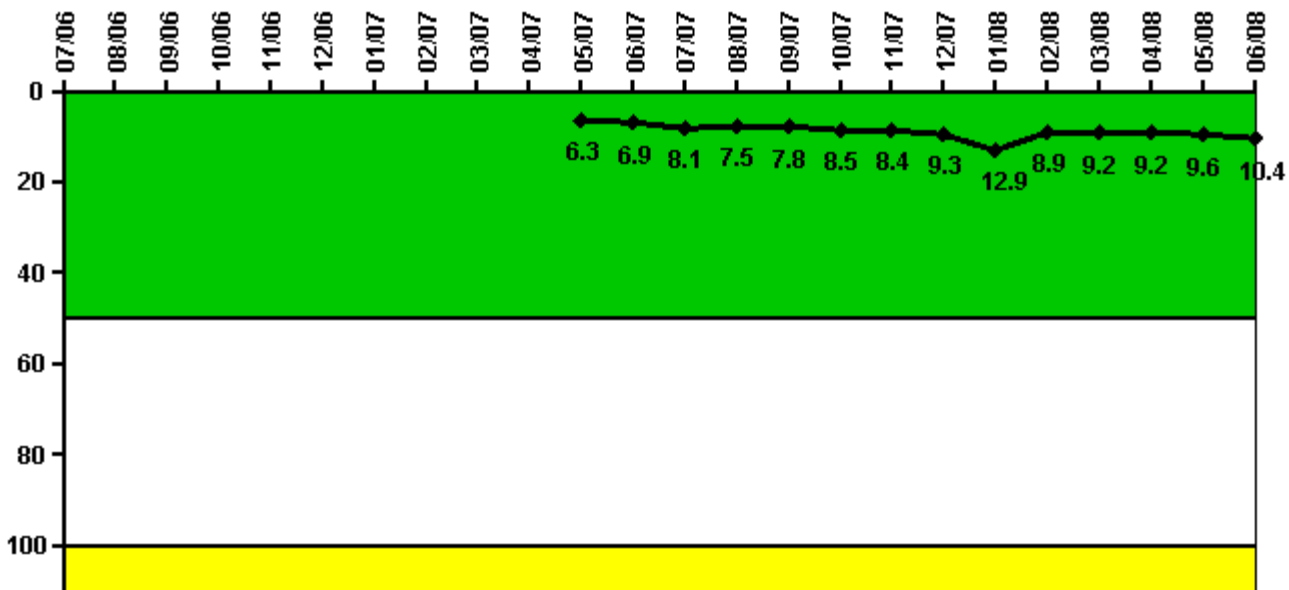
Notes

Reactor Coolant System Activity	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity											N/A	0.000119
Technical specification limit	0	0	0	0	0	0	0	0	0	0	3.2	3.2
Indicator value											N/A	0

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000133	0.000108	0.000083	0.000078	0.000081	0.000119	0.000099	0.000094	0.000081	0.000085	0.000045	0.000049
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	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

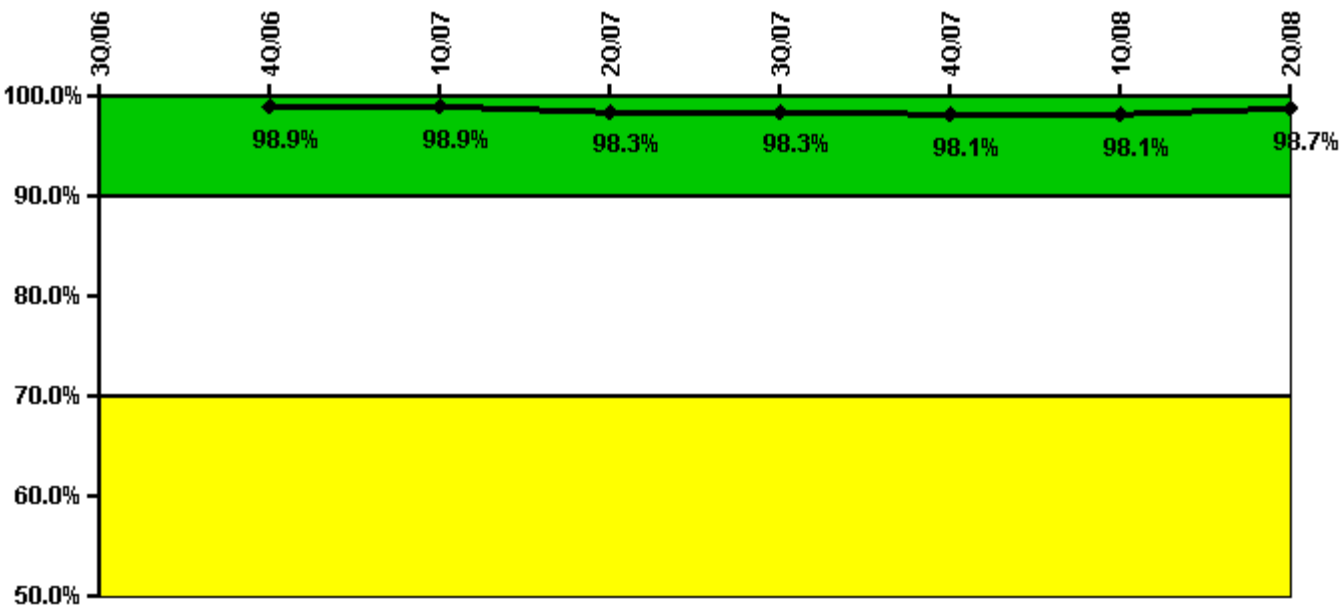
Notes

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage											1.900	2.080
Technical specification limit	0	0	0	0	0	0	0	0	0		30.0	30.0
Indicator value											6.3	6.9

Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	2.430	2.260	2.330	2.560	2.530	2.790	3.880	2.670	2.760	2.770	2.890	3.110
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	8.1	7.5	7.8	8.5	8.4	9.3	12.9	8.9	9.2	9.2	9.6	10.4

Licensee Comments: none

Drill/Exercise Performance



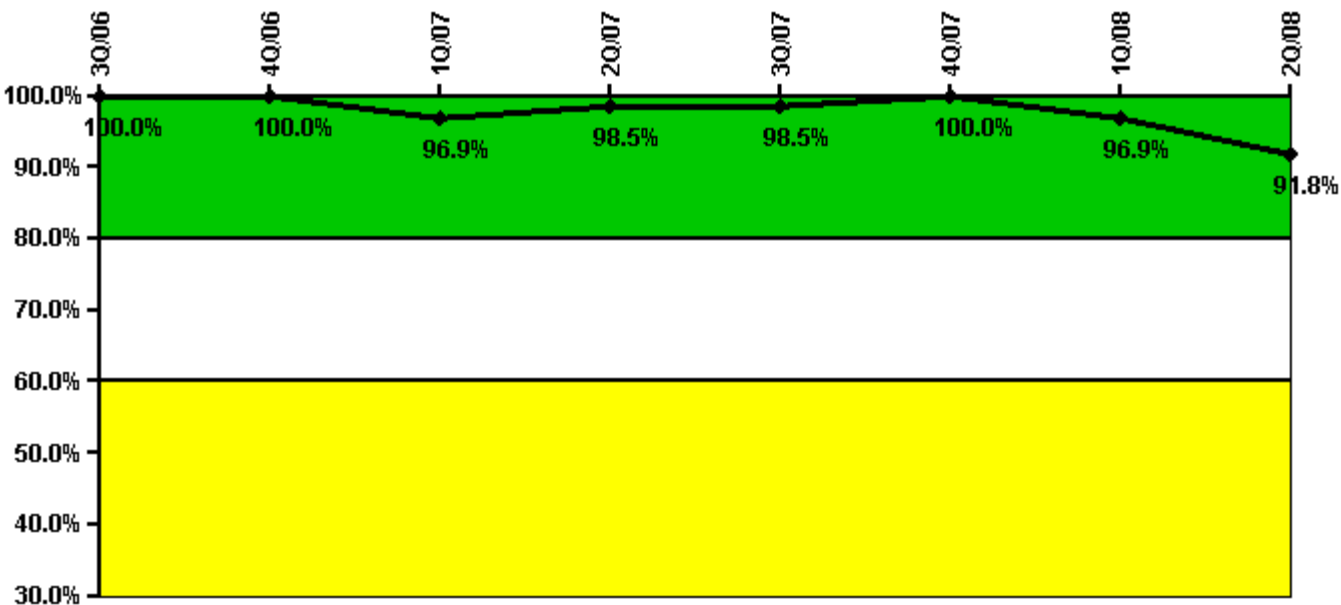
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	44.0	24.0	0	7.0	8.0	55.0	6.0	3.0
Total opportunities	44.0	24.0	0	8.0	8.0	56.0	6.0	3.0
Indicator value		98.9%	98.9%	98.3%	98.3%	98.1%	98.1%	98.7%

Licensee Comments: none

ERO Drill Participation



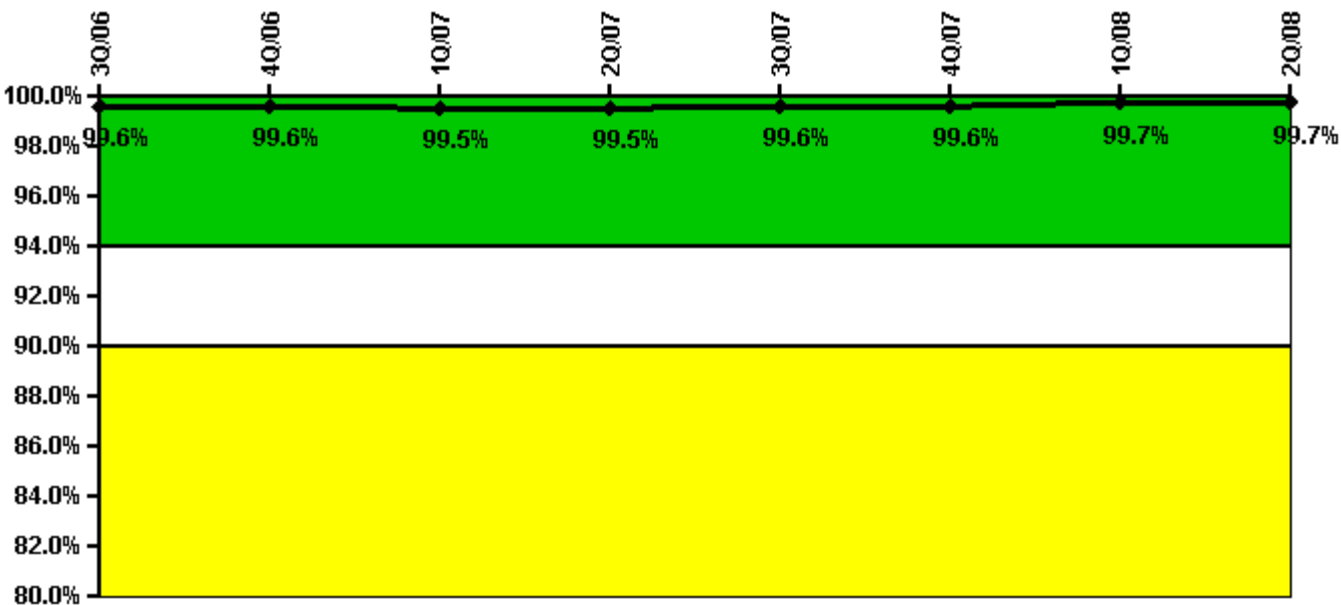
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	69.0	68.0	63.0	66.0	66.0	68.0	62.0	56.0
Total Key personnel	69.0	68.0	65.0	67.0	67.0	68.0	64.0	61.0
Indicator value	100.0%	100.0%	96.9%	98.5%	98.5%	100.0%	96.9%	91.8%

Licensee Comments: none

Alert & Notification System



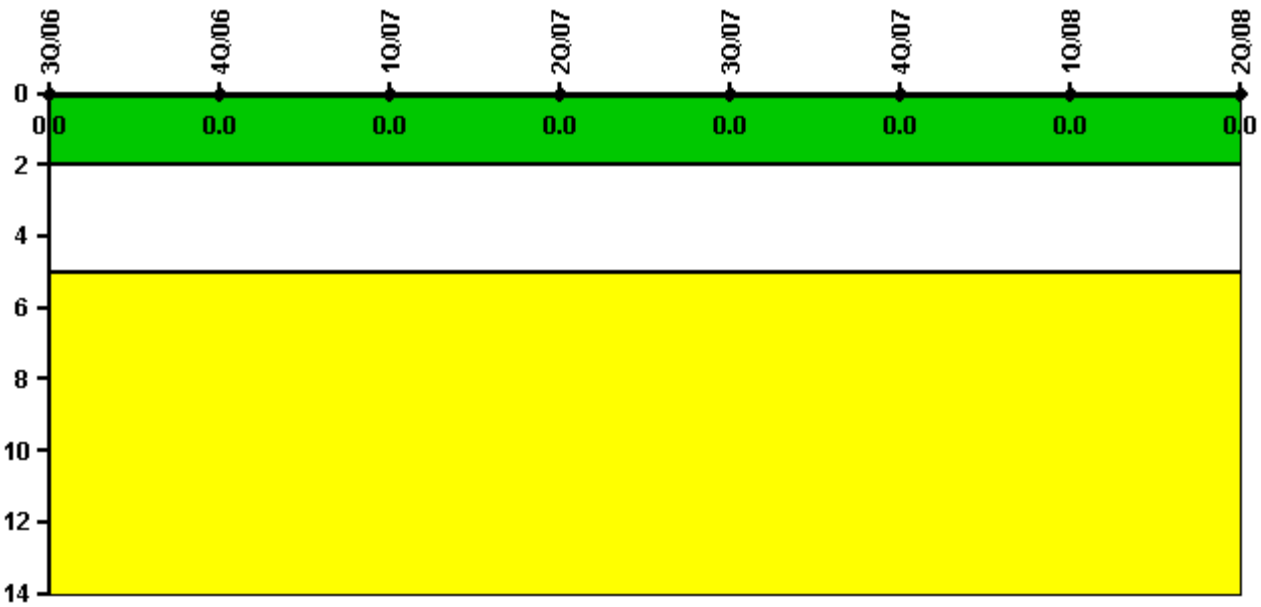
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	793	798	797	795	798	698	999	596
Total sirens-tests	800	800	800	800	800	700	1000	600
Indicator value	99.6%	99.6%	99.5%	99.5%	99.6%	99.6%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/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	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/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: August 4, 2008