

Browns Ferry 1

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

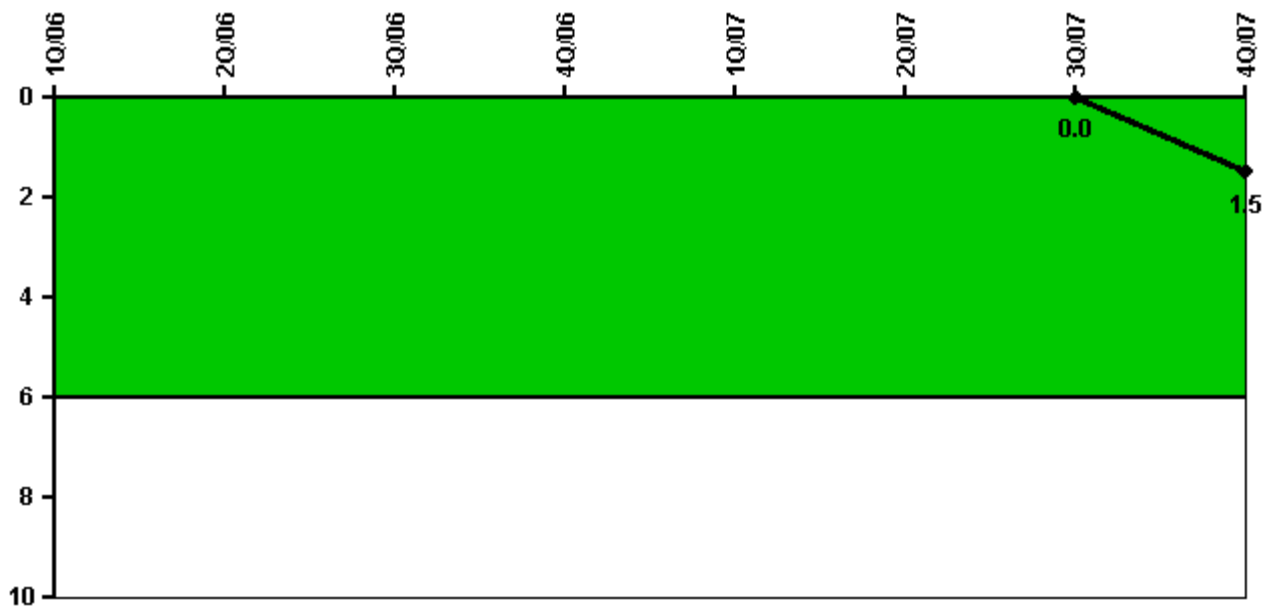
Notes

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

Licensee Comments:

4Q/07: In May 2007, Browns Ferry Unit 1 restarted after an extended shutdown/layup period. Scram events associated with initial equipment operation coupled with a low number of critical hours in the approximately 7 months since restart result in an artificially high value for this indicator.

Unplanned Power Changes per 7000 Critical Hrs



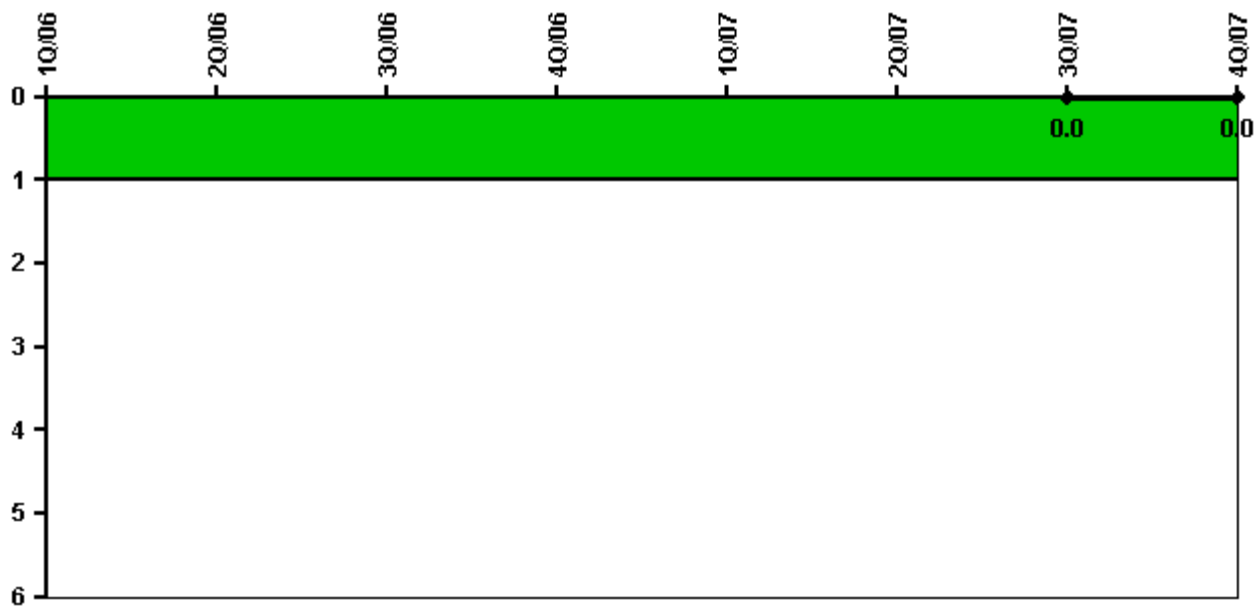
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	0	0	0	0	0	773.5	2137.5	1877.4
Indicator value	N/A	N/A	N/A	N/A	N/A	N/A	0	1.5

Licensee Comments: none

Unplanned Scrams with Complications



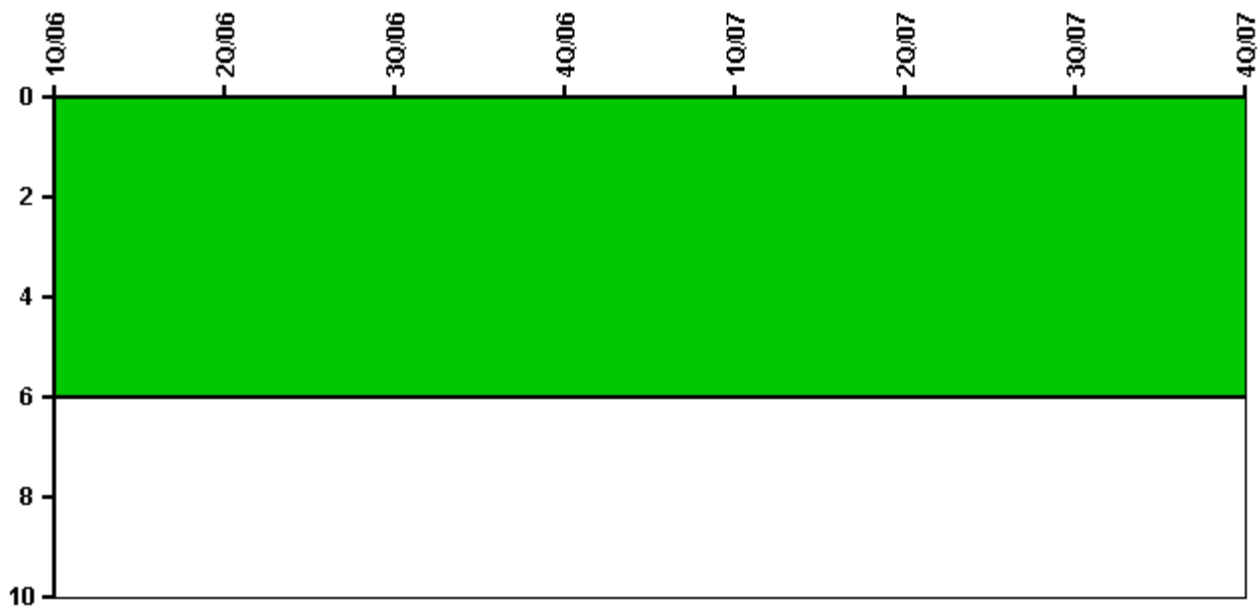
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

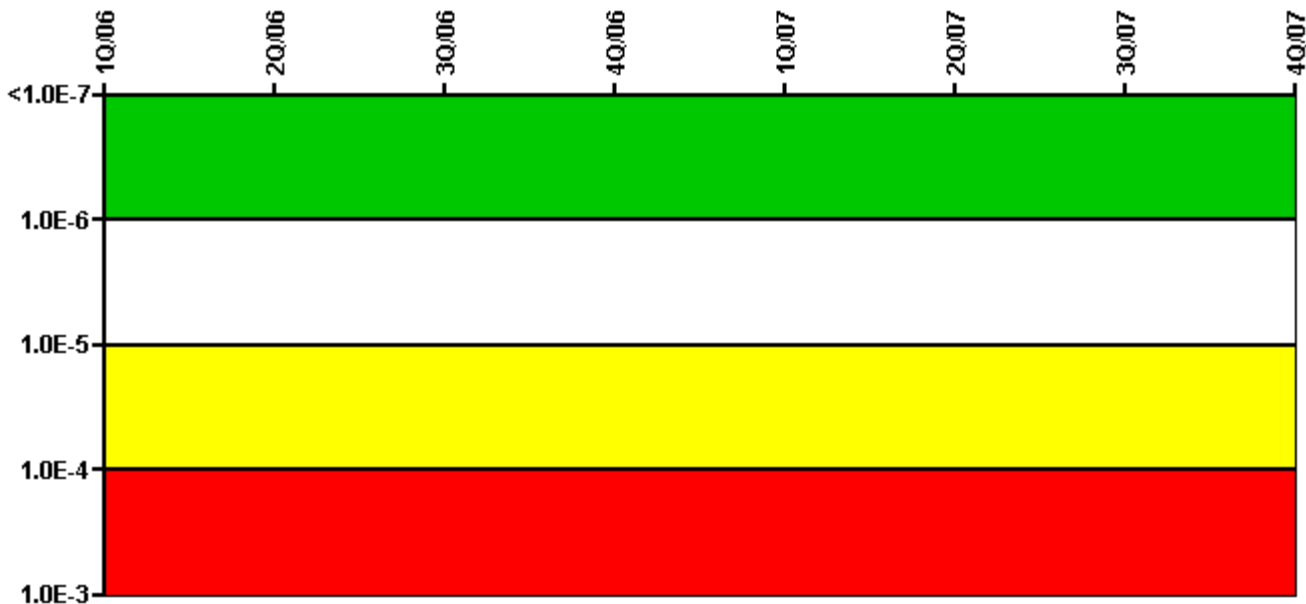
Notes

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

Licensee Comments:

1Q/07: Correction to earlier submitted 0 value.

Mitigating Systems Performance Index, Emergency AC Power System



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

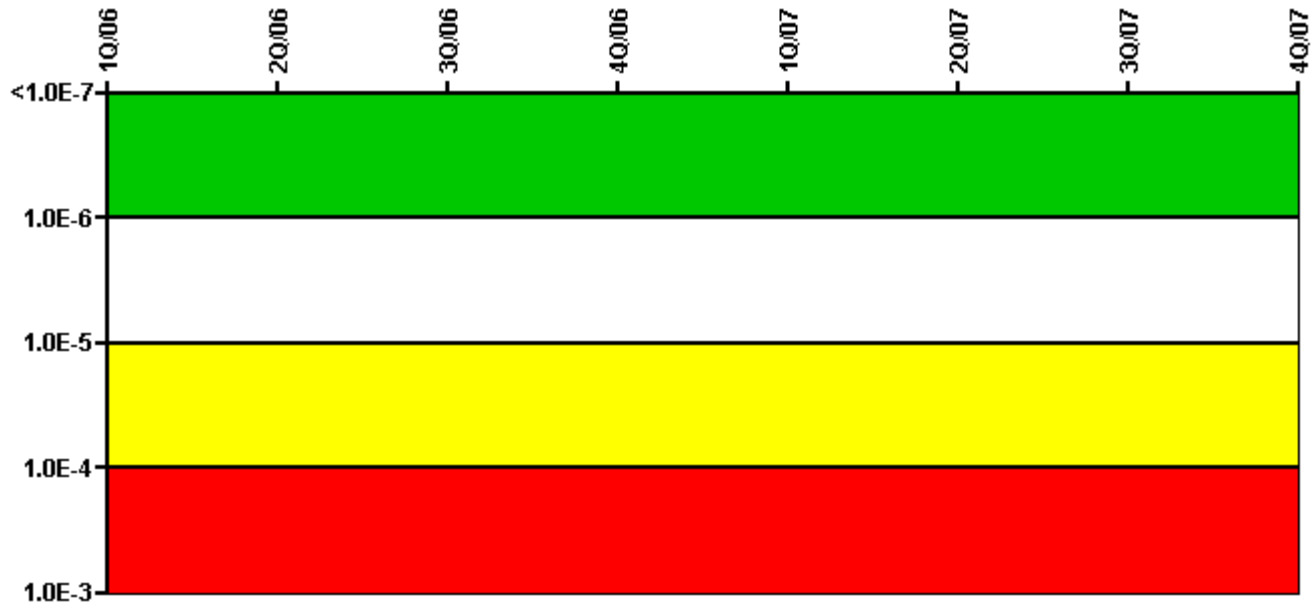
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)								
URI (ΔCDF)								
PLE		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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.

Mitigating Systems Performance Index, High Pressure Injection System



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

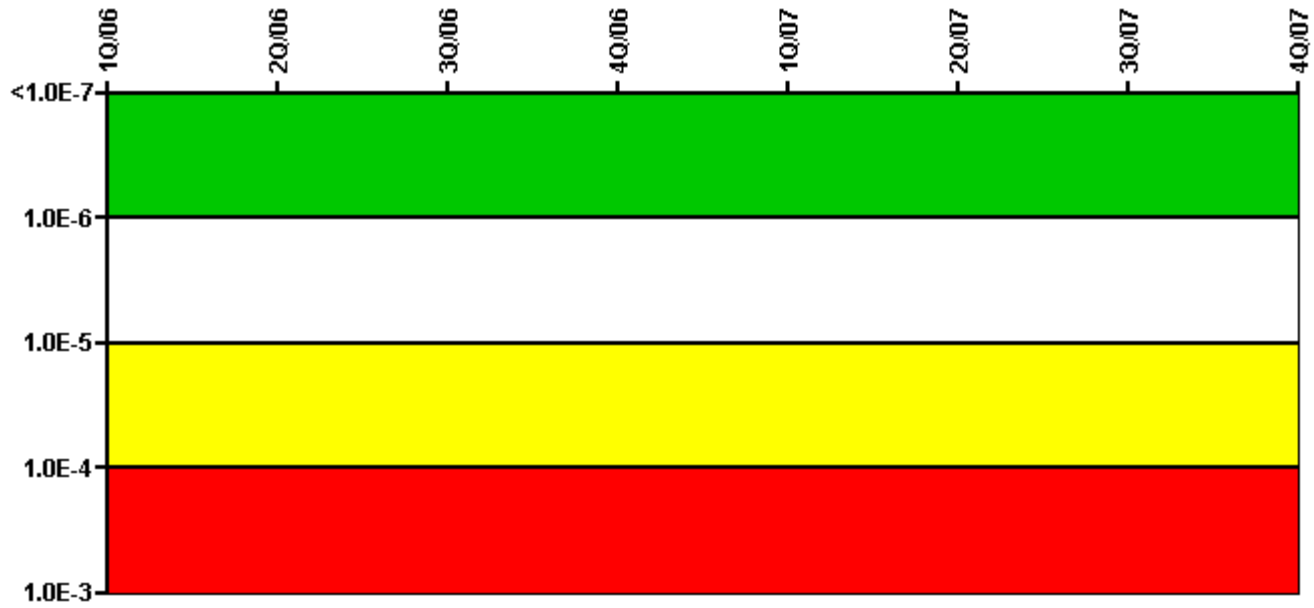
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)								
URI (ΔCDF)								
PLE		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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.

Mitigating Systems Performance Index, Heat Removal System



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

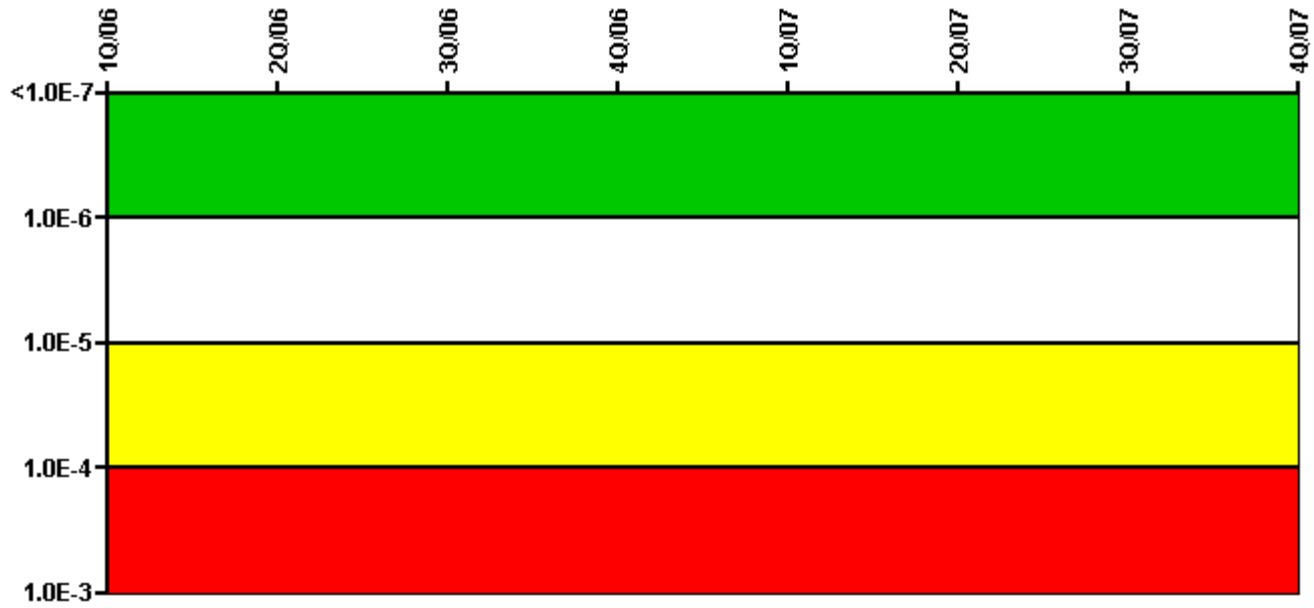
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)								
URI (ΔCDF)								
PLE		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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.

Mitigating Systems Performance Index, Residual Heat Removal System



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

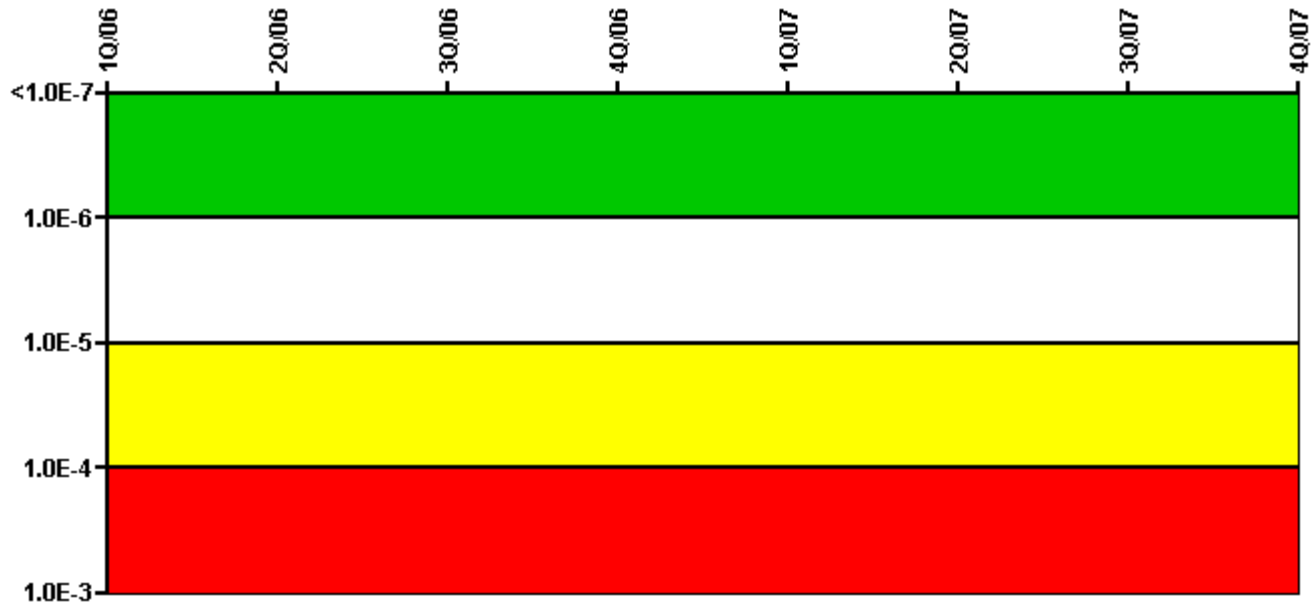
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)								
URI (Δ CDF)								
PLE		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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.

Mitigating Systems Performance Index, Cooling Water Systems



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

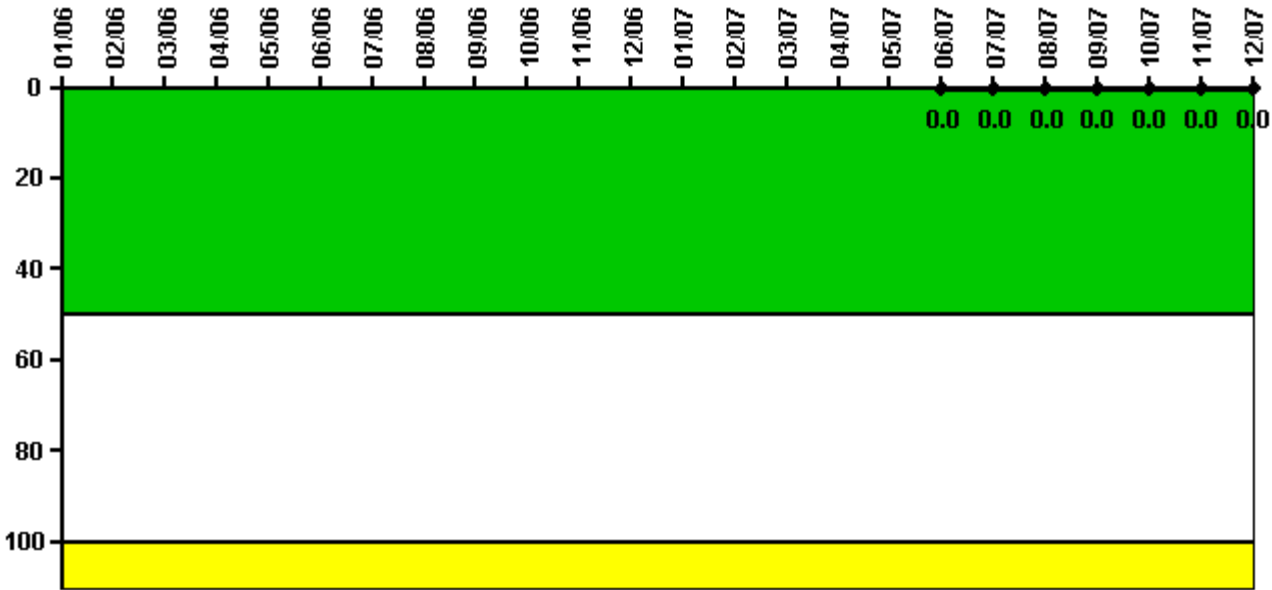
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)								
URI (ΔCDF)								
PLE		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

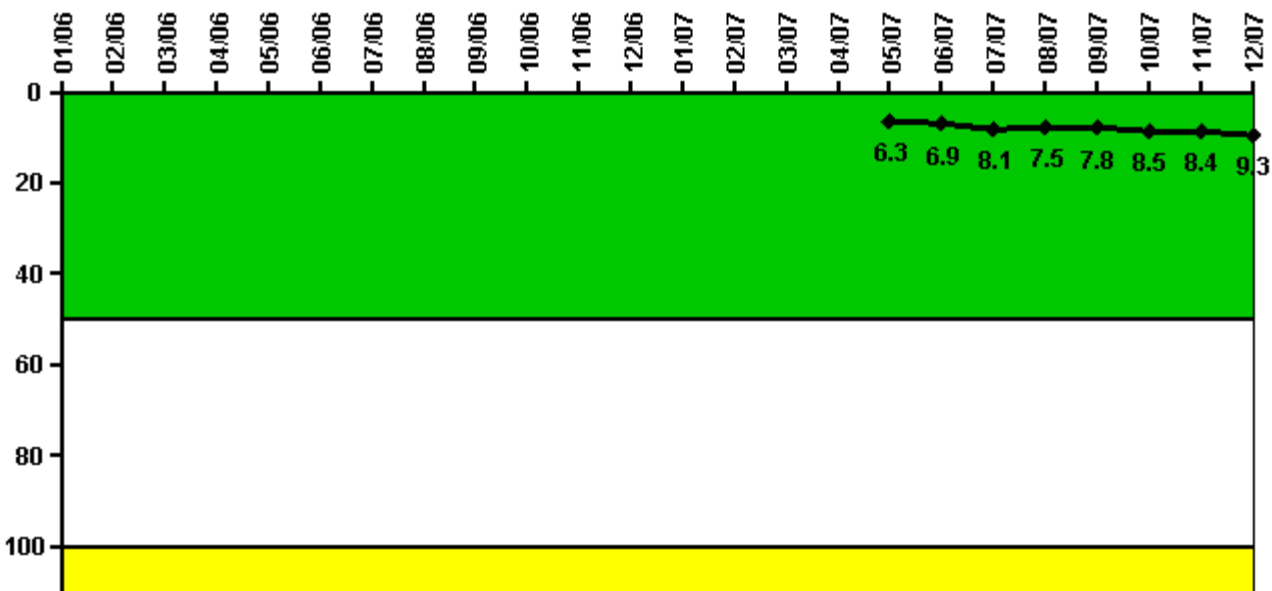
Notes

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												
Technical specification limit	0	0	0	0	0	0	0	0	0	0	0	0
Indicator value												

Reactor Coolant System Activity	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum activity						0.000119	0.000133	0.000108	0.000083	0.000078	0.000081	0.000119
Technical specification limit	0	0	0		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

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

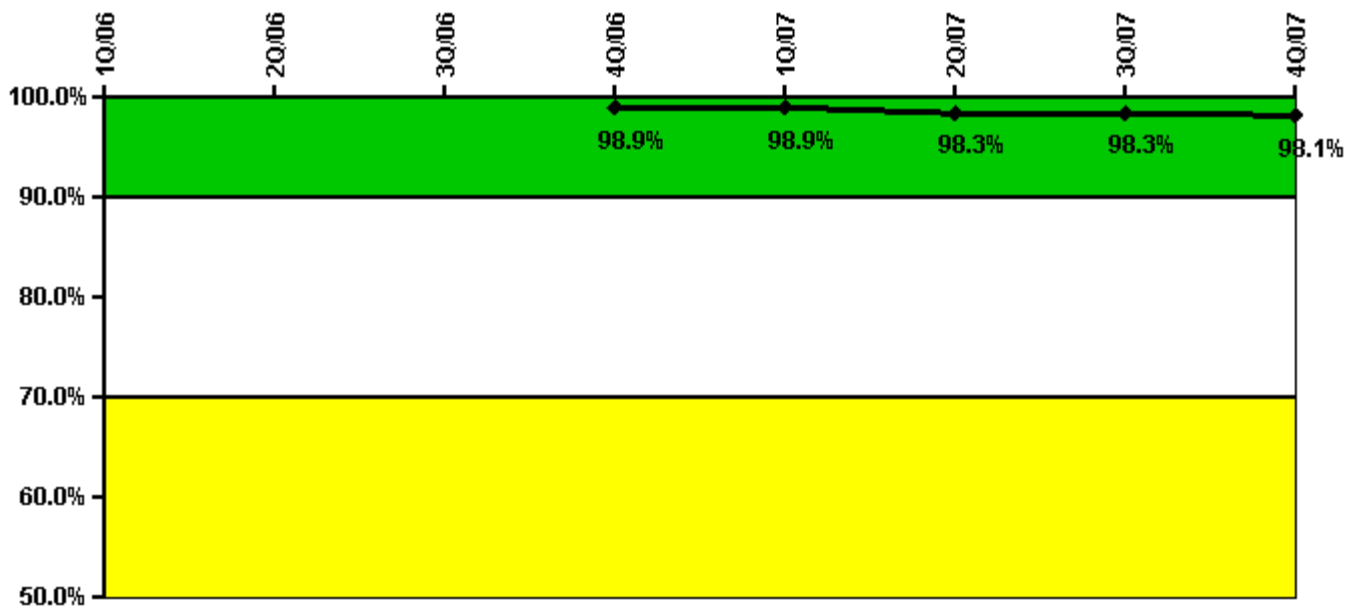
Notes

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												
Technical specification limit	0	0	0	0	0	0	0	0	0	0	0	0
Indicator value												

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage					1.900	2.080	2.430	2.260	2.330	2.560	2.530	2.790
Technical specification limit	0	0	0		30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value					6.3	6.9	8.1	7.5	7.8	8.5	8.4	9.3

Licensee Comments: none

Drill/Exercise Performance



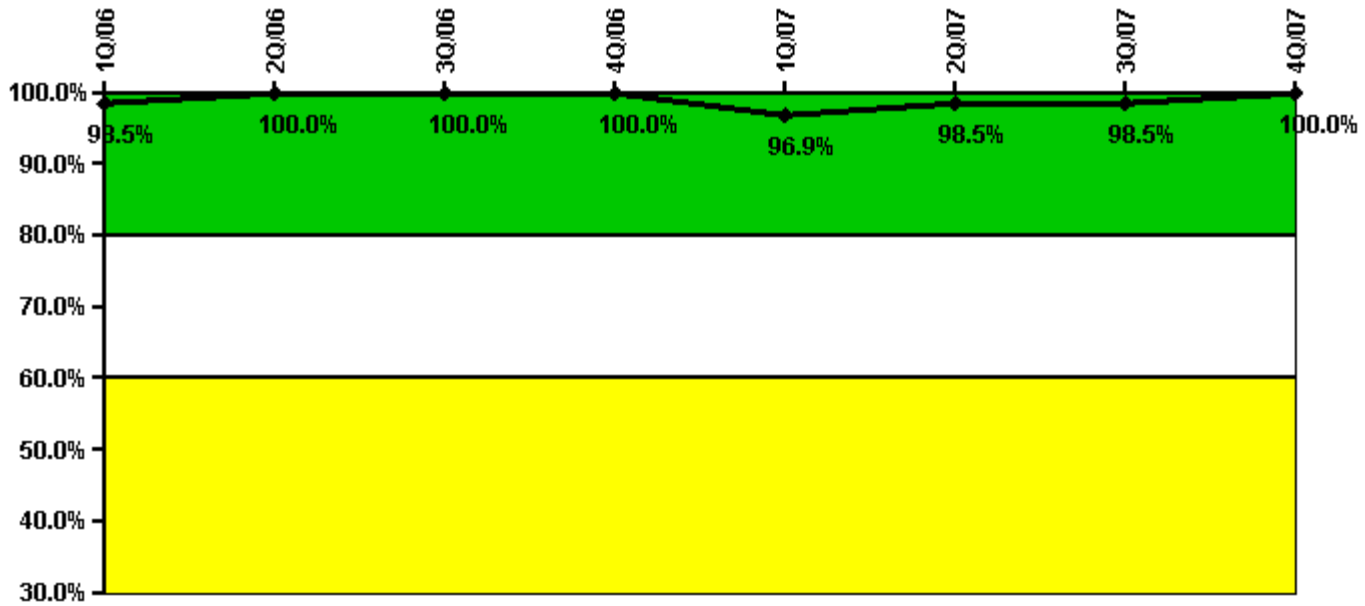
Thresholds: White < 90.0% Yellow < 70.0%

Notes

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

Licensee Comments: none

ERO Drill Participation



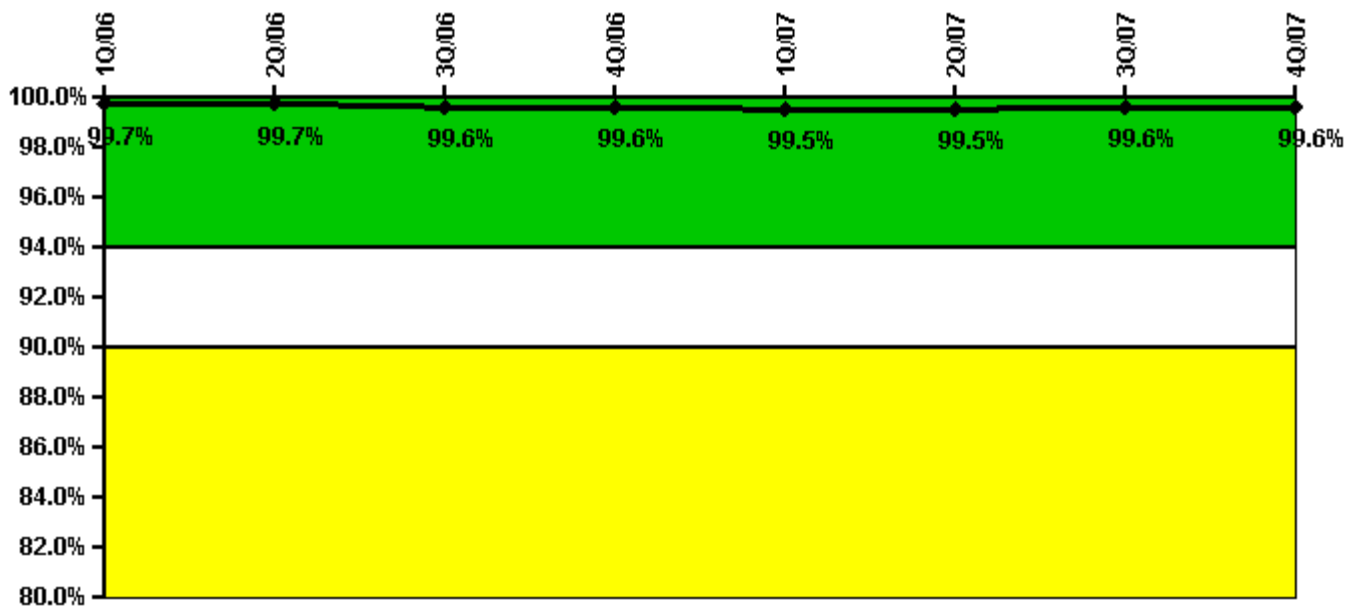
Thresholds: White < 80.0% Yellow < 60.0%

Notes

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

Licensee Comments: none

Alert & Notification System



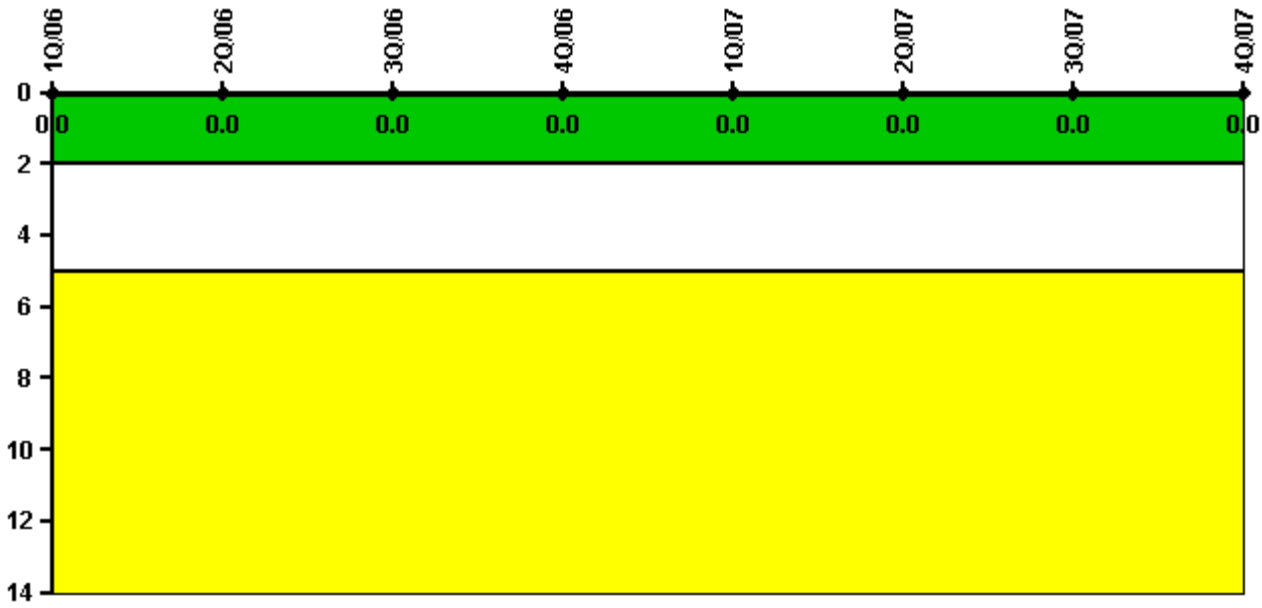
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	799	896	793	798	797	397	798	698
Total sirens-tests	800	900	800	800	800	400	800	700
Indicator value	99.7%	99.7%	99.6%	99.6%	99.5%	99.5%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



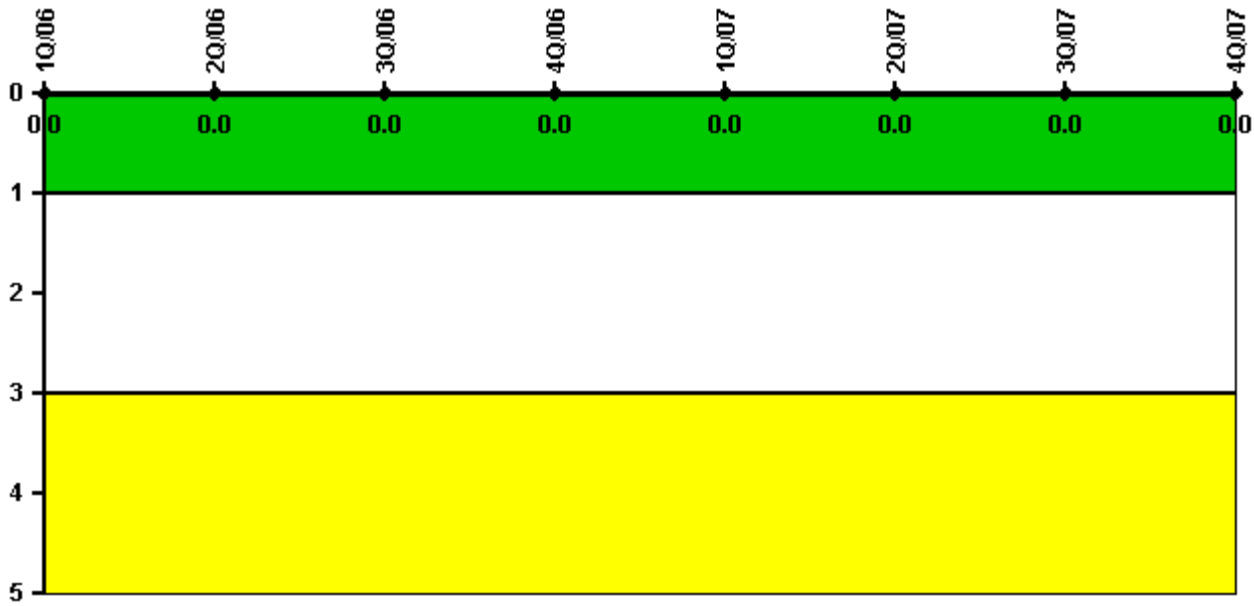
Thresholds: White > 2.0 Yellow > 5.0

Notes

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