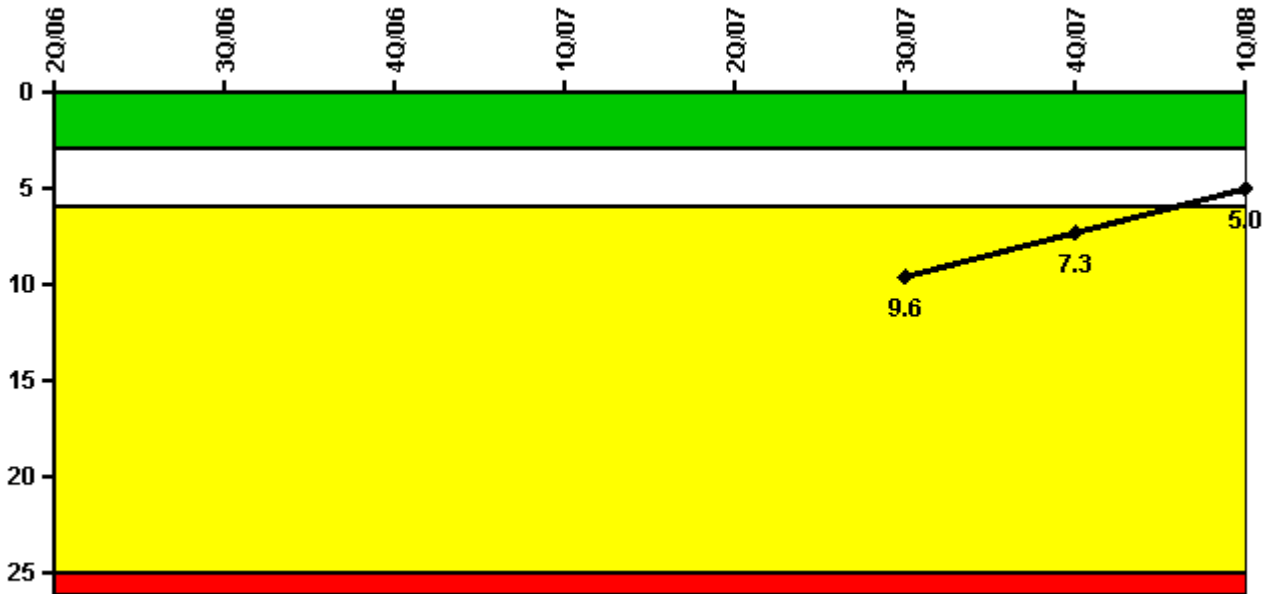


# Browns Ferry 1

## 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

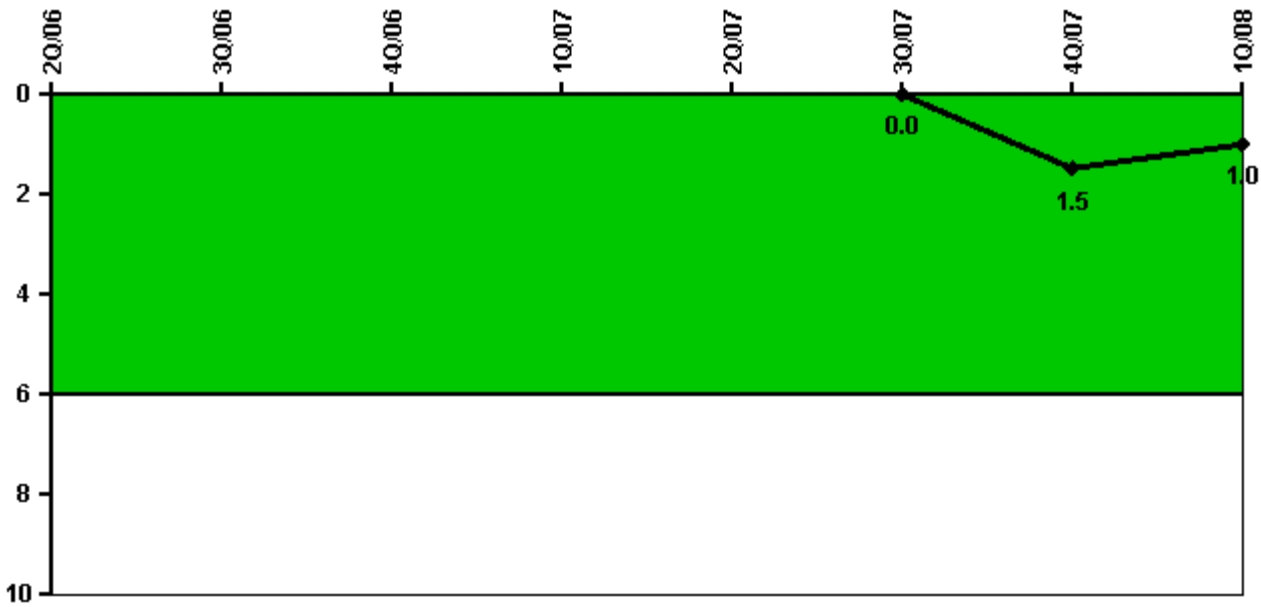
### Notes

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	0	2.0	2.0	1.0	0
Critical hours	0	0	0	0	773.5	2137.5	1877.4	2183.0
Indicator value	N/A	N/A	N/A	N/A	N/A	9.6	7.3	5.0

Licensee Comments:

1Q/08: 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 during the approximately 10 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	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	0	0	0	0	773.5	2137.5	1877.4	2183.0
Indicator value	N/A	N/A	N/A	N/A	N/A	0	1.5	1.0

Licensee Comments: none

# Unplanned Scrams with Complications



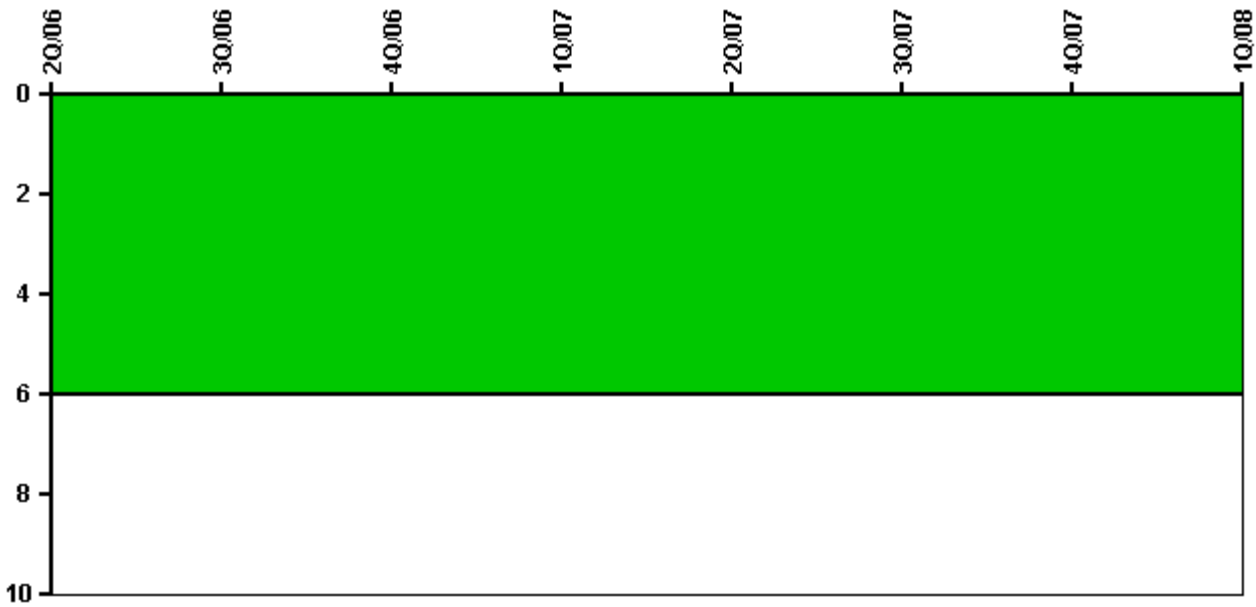
Thresholds: White > 1.0

## 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)



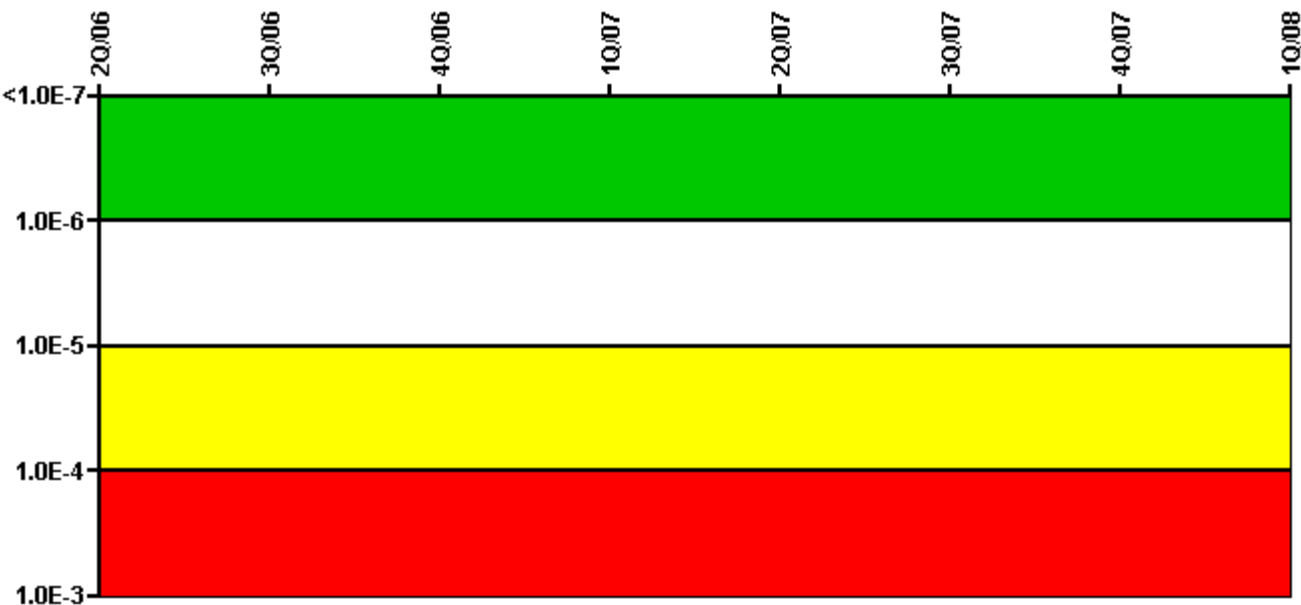
Thresholds: White > 6.0

## 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
Indicator value								

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 ( $\Delta$ CDF)								
URI ( $\Delta$ CDF)								
PLE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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.

# Mitigating Systems Performance Index, High Pressure Injection System



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

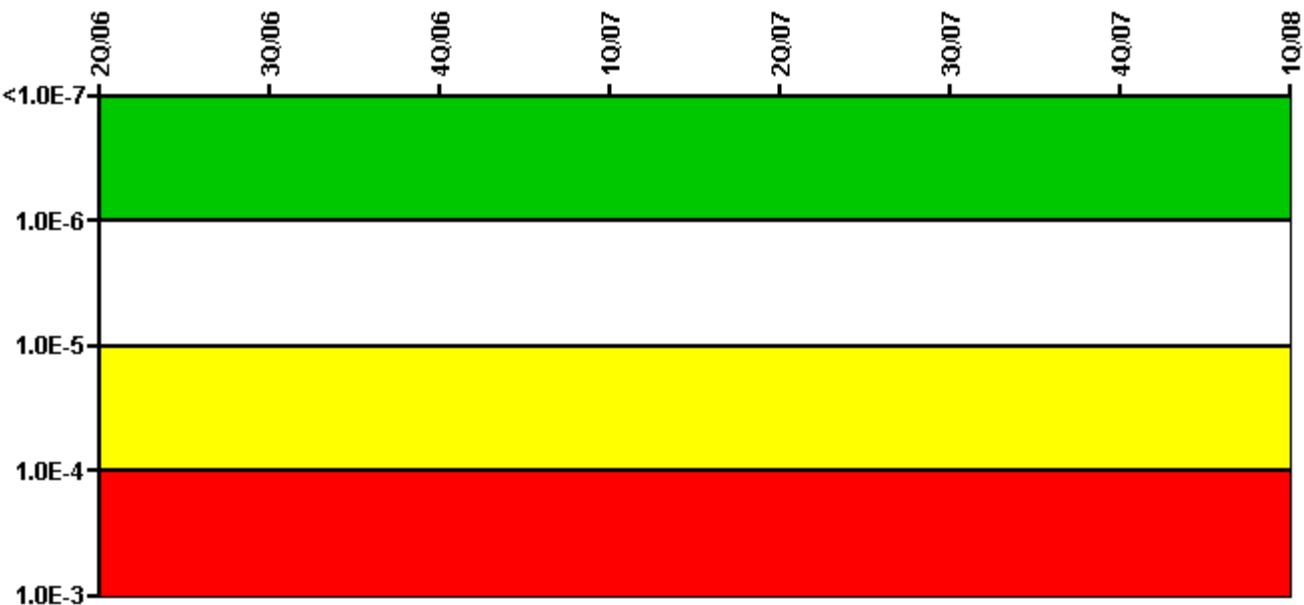
## Notes

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 ( $\Delta$ CDF)								
URI ( $\Delta$ CDF)								
PLE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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.

# Mitigating Systems Performance Index, Heat Removal System



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

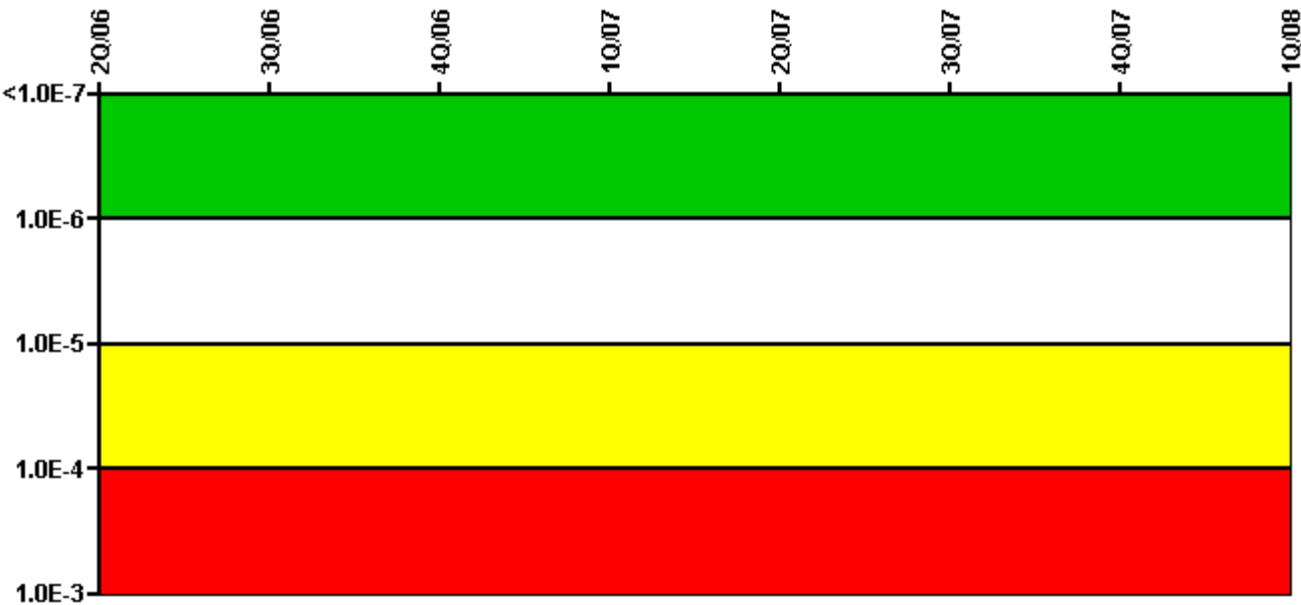
## Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI ( $\Delta$ CDF)								
URI ( $\Delta$ CDF)								
PLE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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.

# Mitigating Systems Performance Index, Residual Heat Removal System



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

## Notes

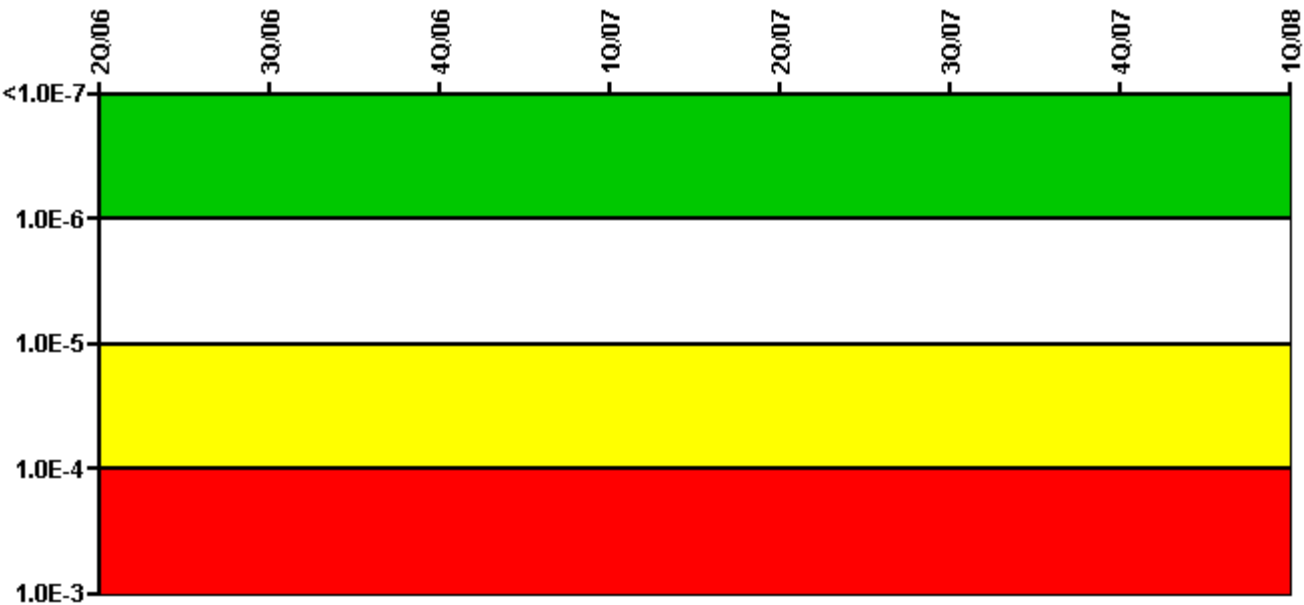
Mitigating Systems Performance Index, Residual Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI ( $\Delta$ CDF)								
URI ( $\Delta$ CDF)								
PLE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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.



# Mitigating Systems Performance Index, Cooling Water Systems



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

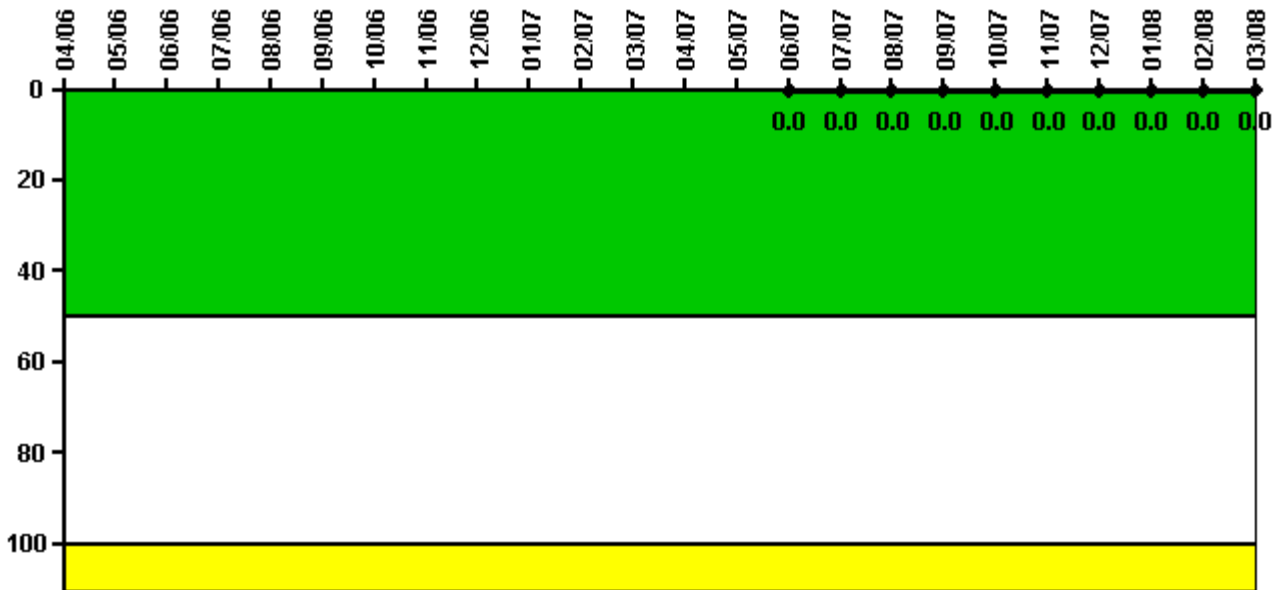
## Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI ( $\Delta$ CDF)								
URI ( $\Delta$ CDF)								
PLE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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.

# Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

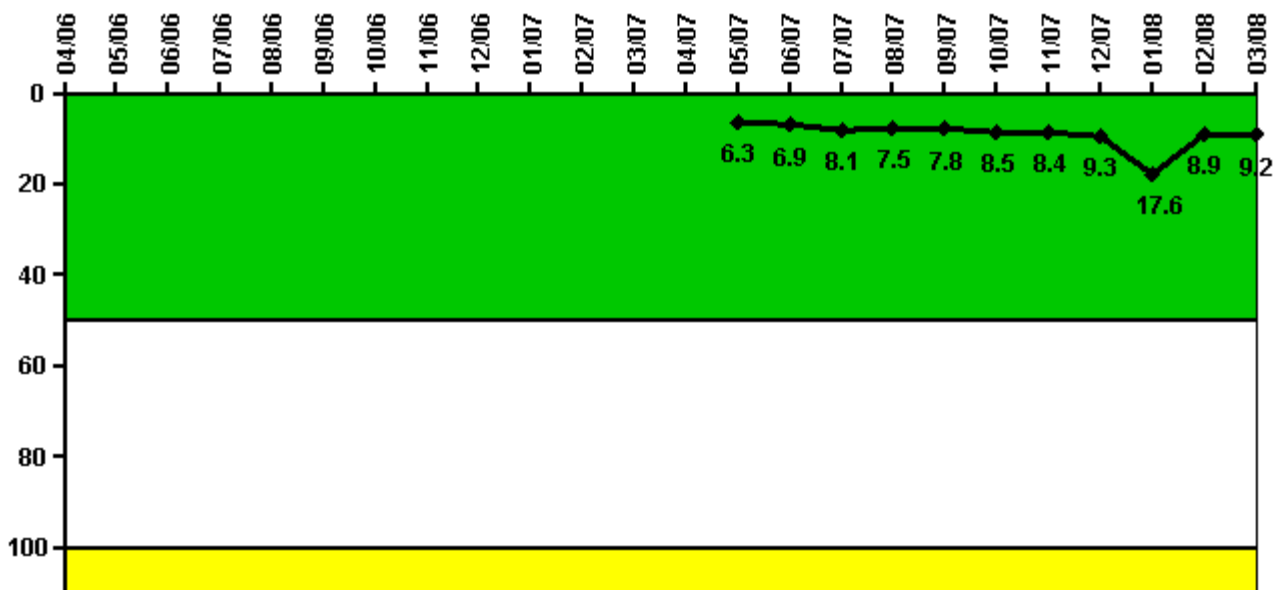
## Notes

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

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			0.000119	0.000133	0.000108	0.000083	0.000078	0.000081	0.000119	0.000099	0.000094	0.000081
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
Indicator value			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

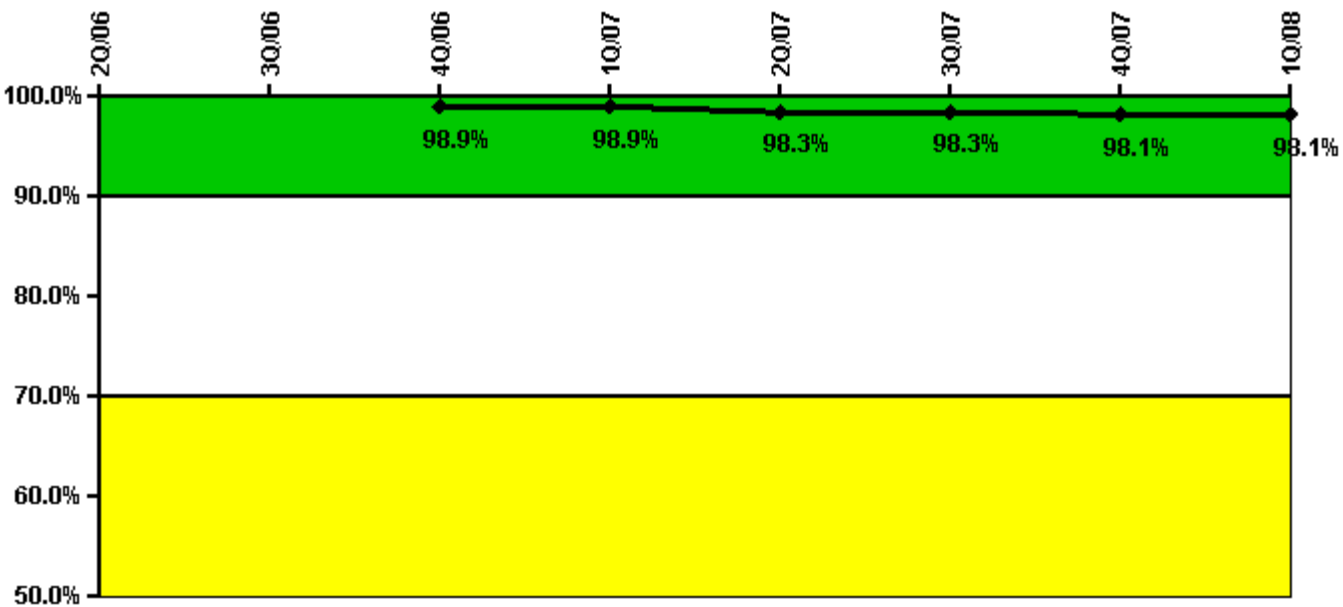
Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage												
Technical specification limit	0	0	0	0	0	0	0	0	0	0	0	0
Indicator value												

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		1.900	2.080	2.430	2.260	2.330	2.560	2.530	2.790	5.290	2.670	2.760
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
Indicator value		6.3	6.9	8.1	7.5	7.8	8.5	8.4	9.3	17.6	8.9	9.2

Licensee Comments: none

# Drill/Exercise Performance



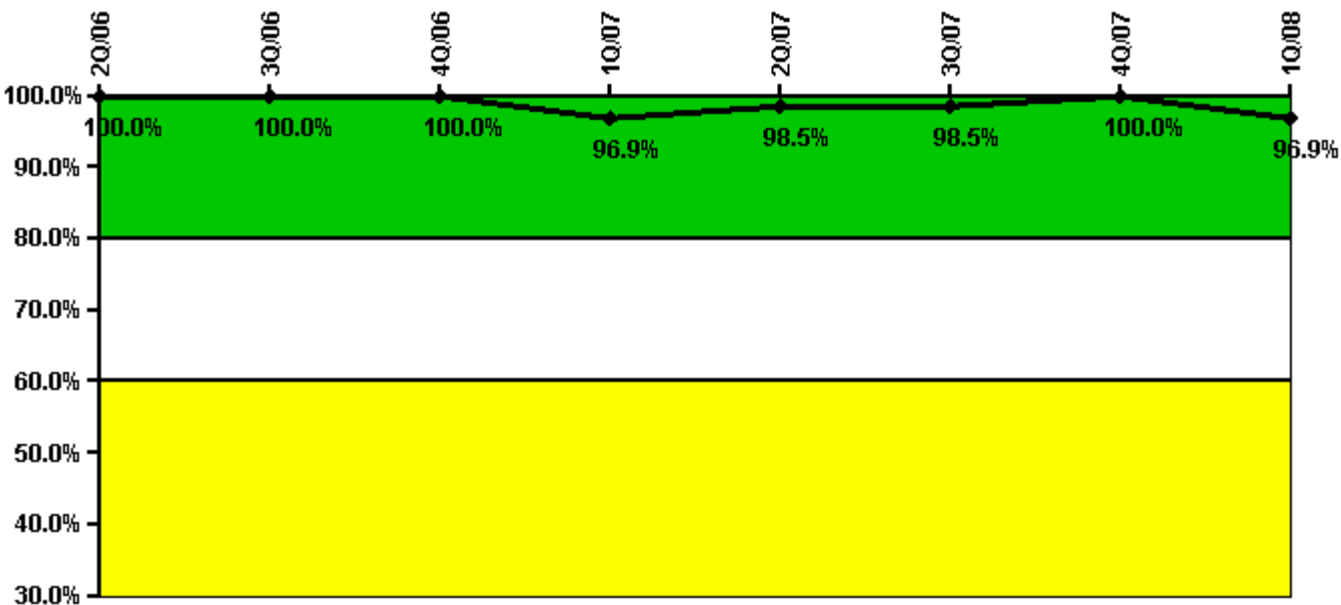
Thresholds: White < 90.0% Yellow < 70.0%

## 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			98.9%	98.9%	98.3%	98.3%	98.1%	98.1%

Licensee Comments: none

# ERO Drill Participation



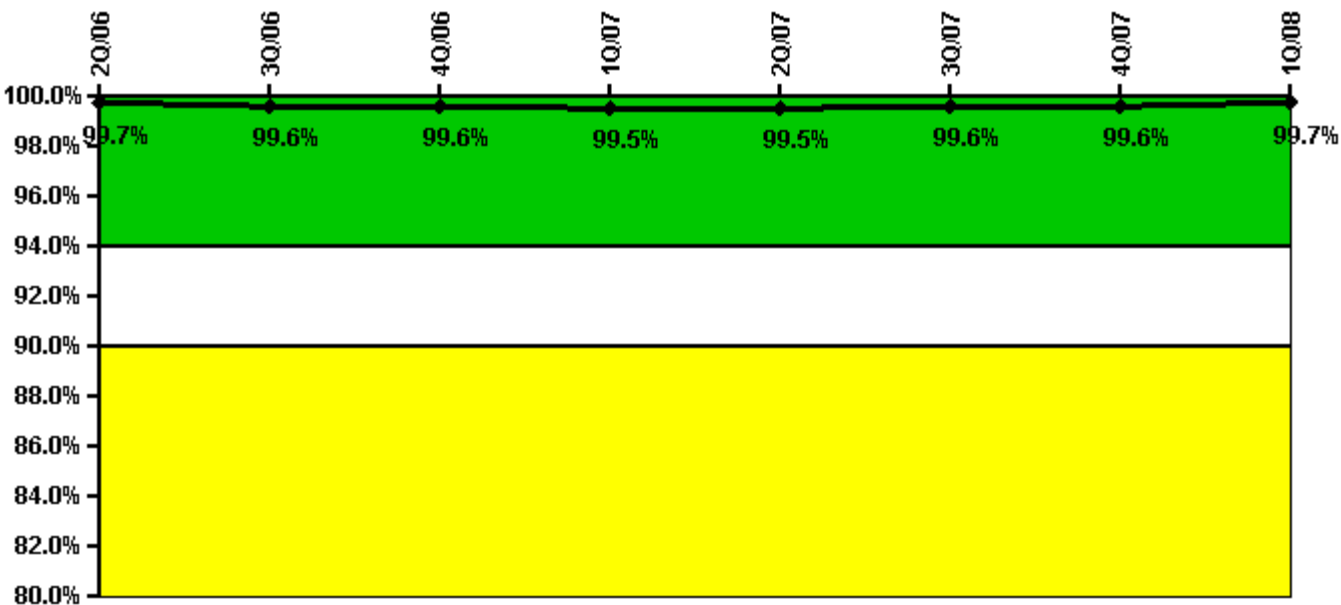
Thresholds: White < 80.0% Yellow < 60.0%

## 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



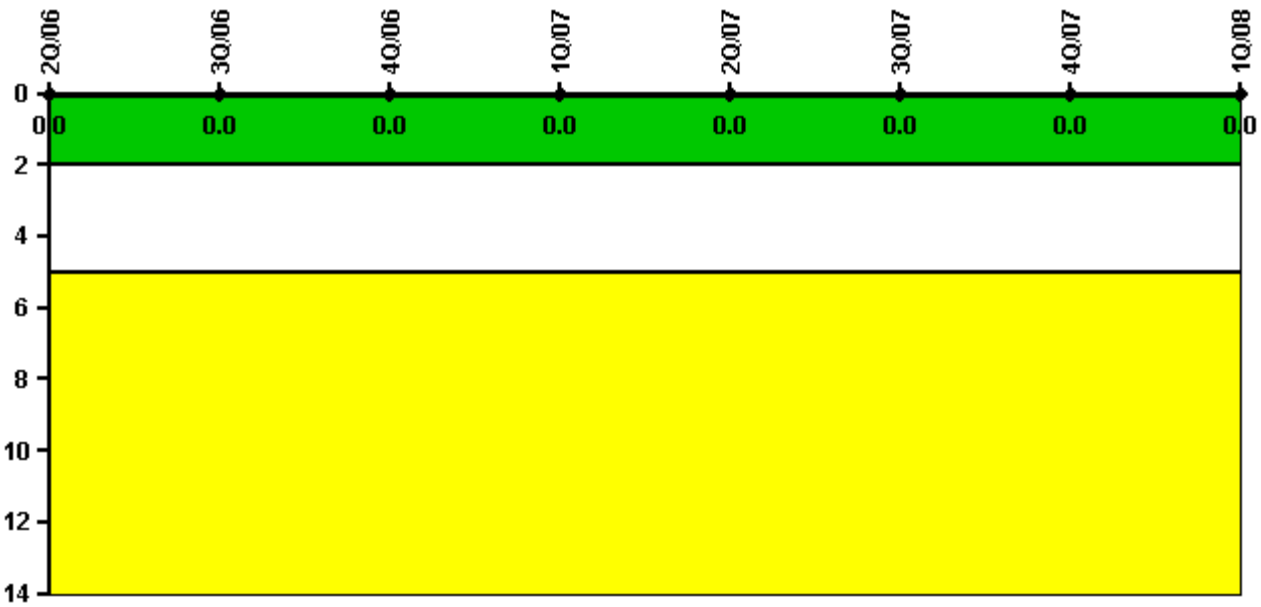
Thresholds: White < 94.0% Yellow < 90.0%

## 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	397	798	698	999
Total sirens-tests	900	800	800	800	400	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