

Browns Ferry 1

2Q/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	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned scrams	0	0	0	0	0	0	0	2.0
Critical hours	0	0	0	0	0	0	0	773.5
Indicator value		N/A	N/A	N/A	N/A	N/A	N/A	N/A

Licensee Comments:

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.

Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

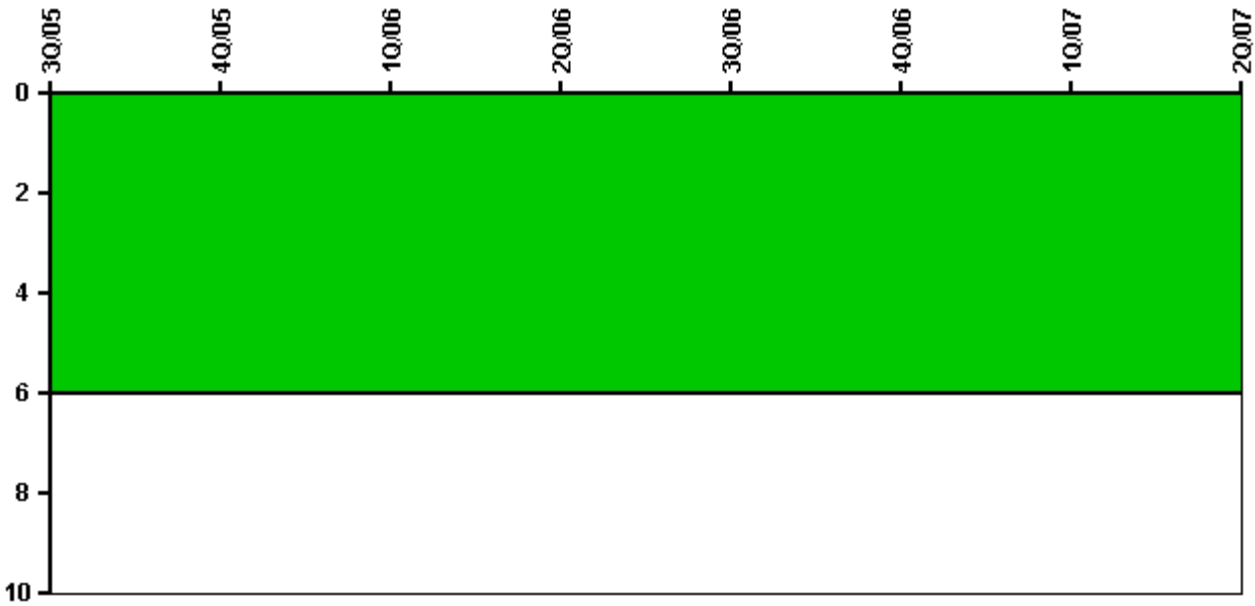
Notes

Scrams with Loss of Normal Heat Removal	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value								

Licensee Comments:

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.

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

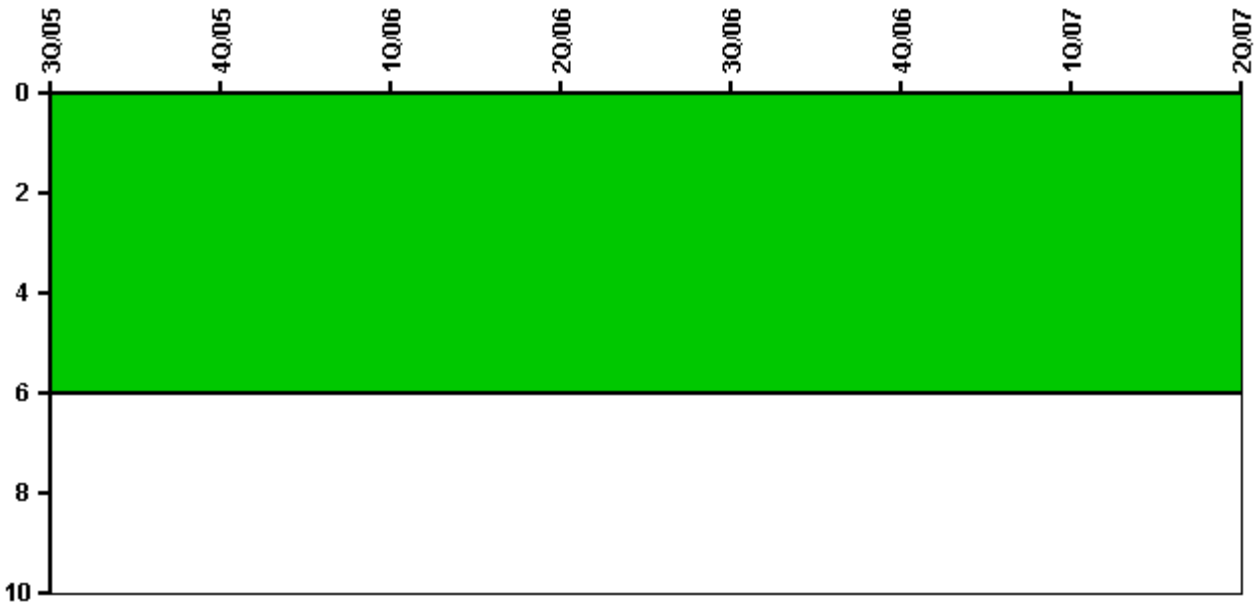
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	0	0	0	0	0	0	0	773.5
Indicator value		N/A	N/A	N/A	N/A	N/A	N/A	N/A

Licensee Comments:

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.

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

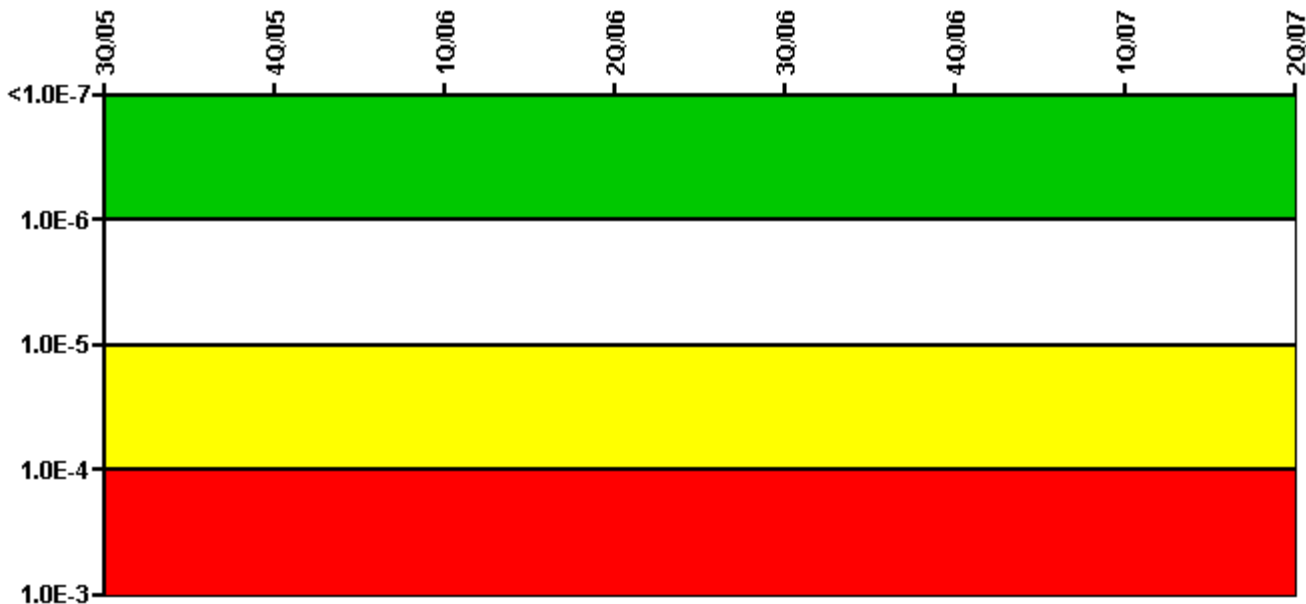
Notes

Safety System Functional Failures (BWR)	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Safety System Functional Failures							0	
Indicator value								

Licensee Comments:

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

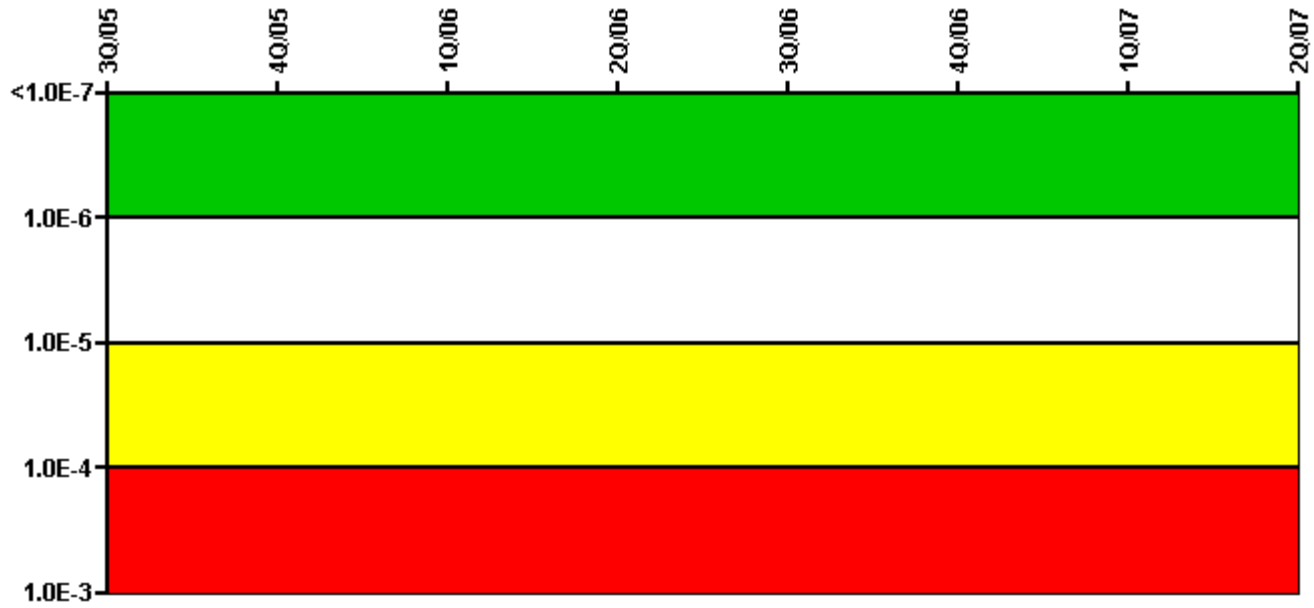
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)								
URI (ΔCDF)								
PLE				N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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, High Pressure Injection System



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

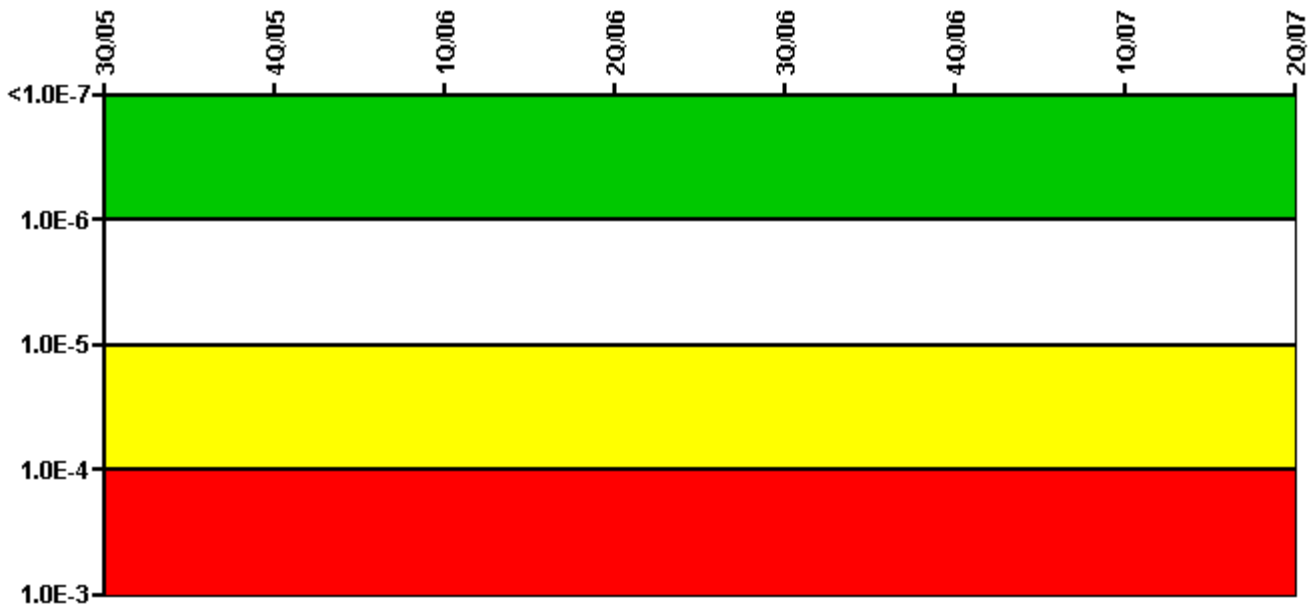
Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)								
URI (Δ CDF)								
PLE				N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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

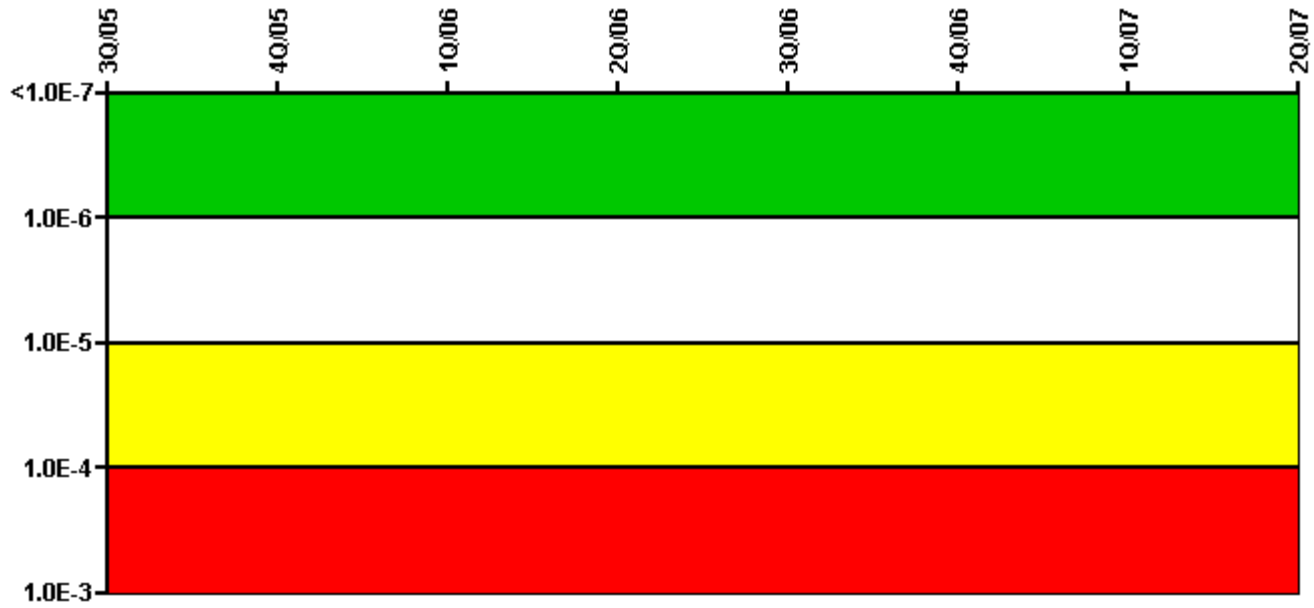
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)								
URI (Δ CDF)								
PLE				N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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

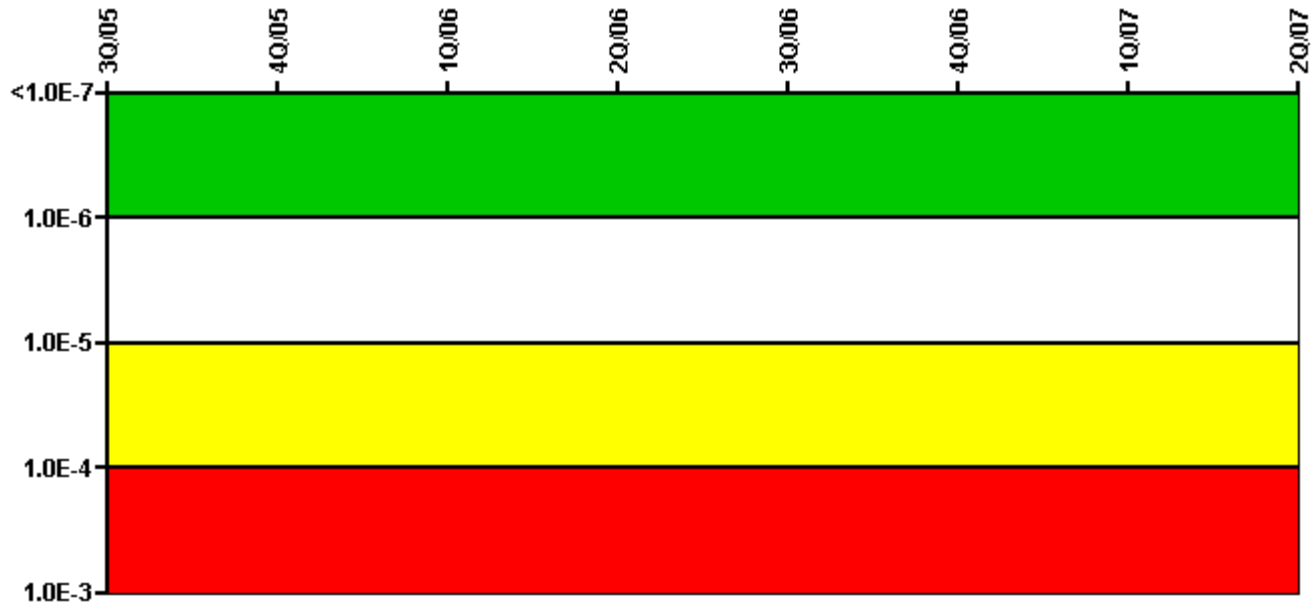
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)								
URI (Δ CDF)								
PLE				N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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, Cooling Water Systems



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

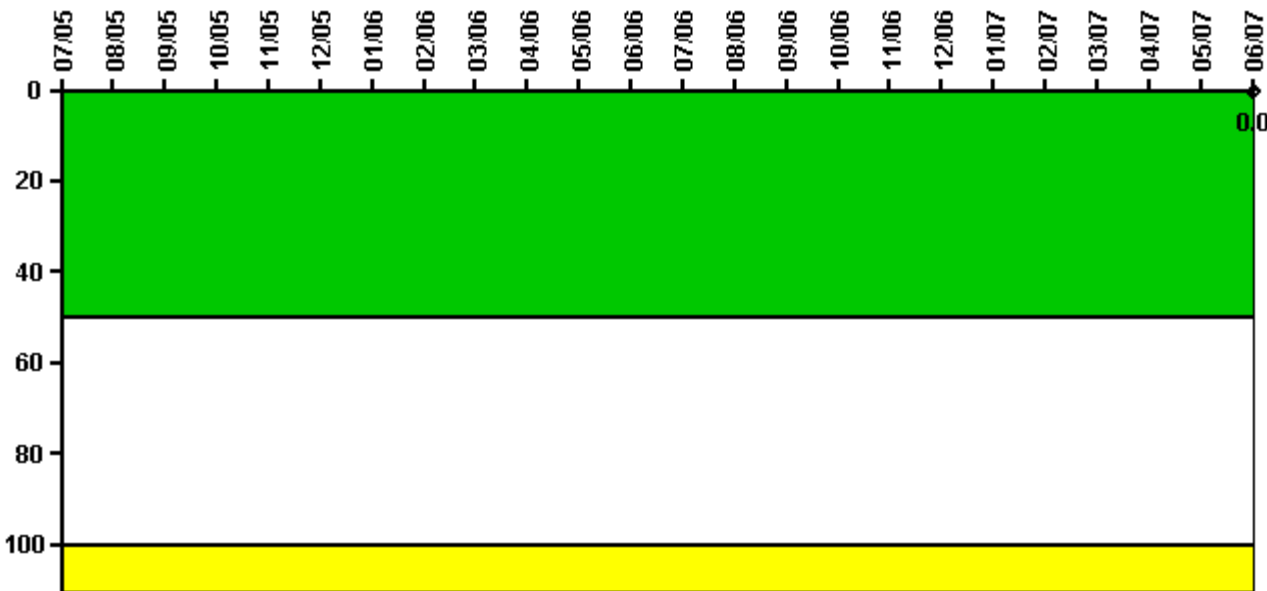
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)								
URI (ΔCDF)								
PLE				N/A	N/A	N/A	N/A	N/A
Indicator value								

Licensee Comments:

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.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

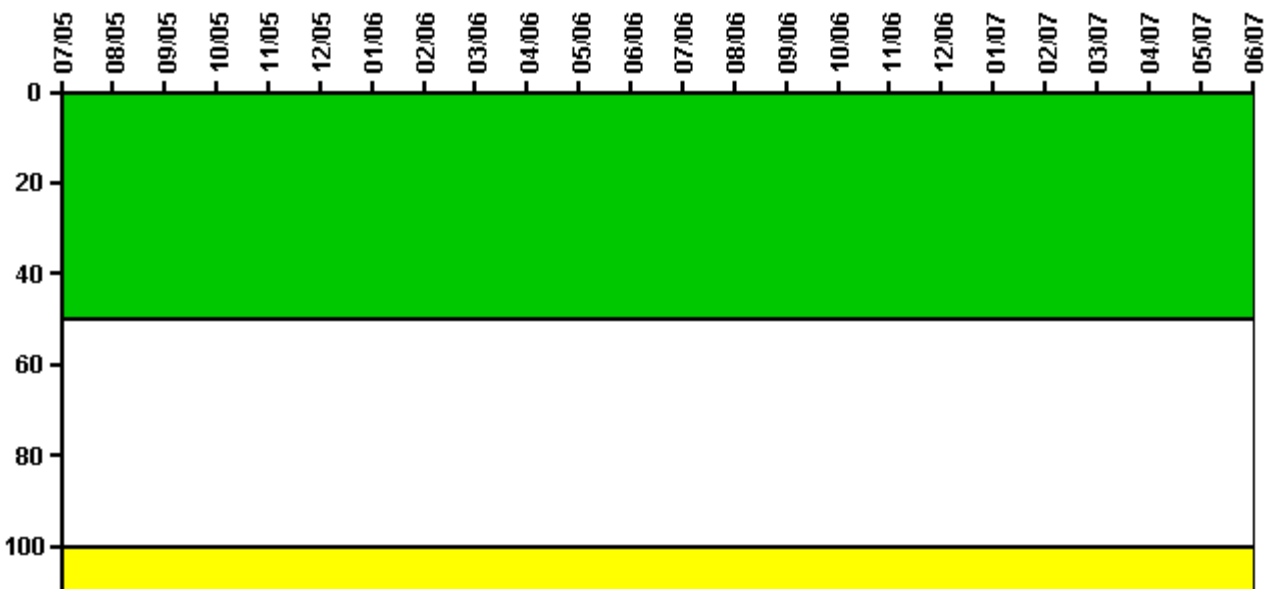
Notes

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity												
Technical specification limit	0	0	0	0	0	0	0	0	0	0	0	0
Indicator value												
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												0.000119
Technical specification limit	0	0	0	0	0	0	0	0	0		3.2	3.2
Indicator value												0

Licensee Comments:

6/07: 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 Leakage



Thresholds: White > 50.0 Yellow > 100.0

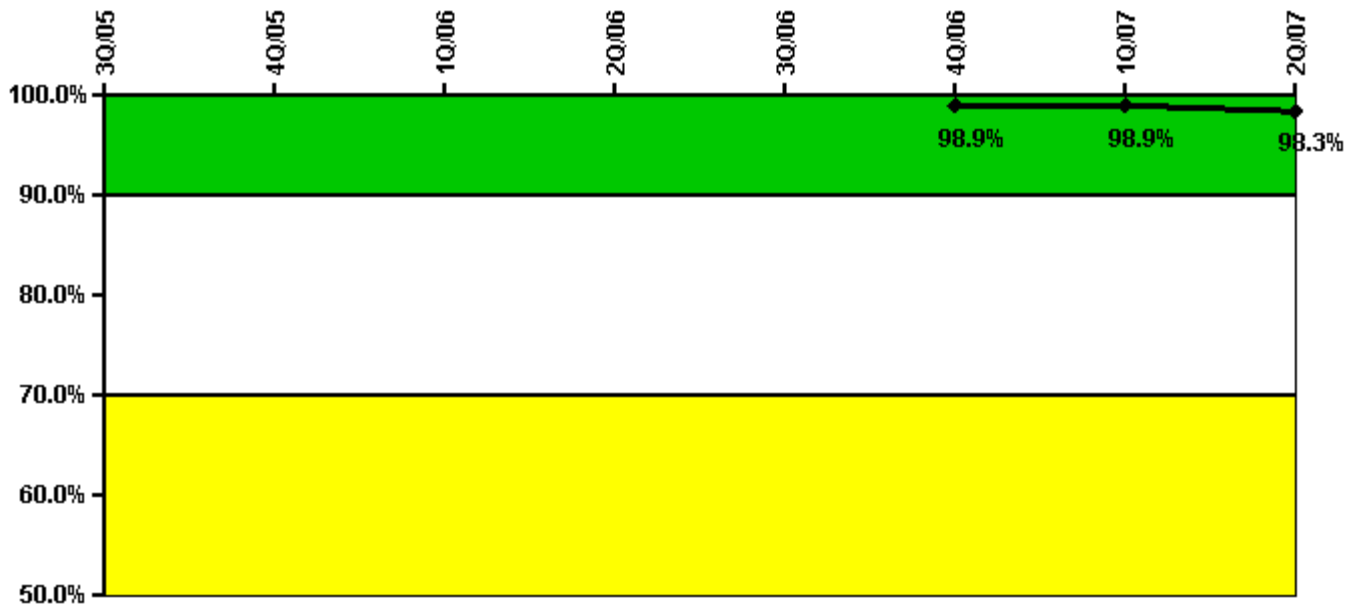
Notes

Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage												
Technical specification limit	0	0	0	0	0	0	0	0	0	0	0	0
Indicator value												
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												
Technical specification limit	0	0	0	0	0	0	0	0	0		30.0	30.0
Indicator value												

Licensee Comments:

6/07: 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.

Drill/Exercise Performance



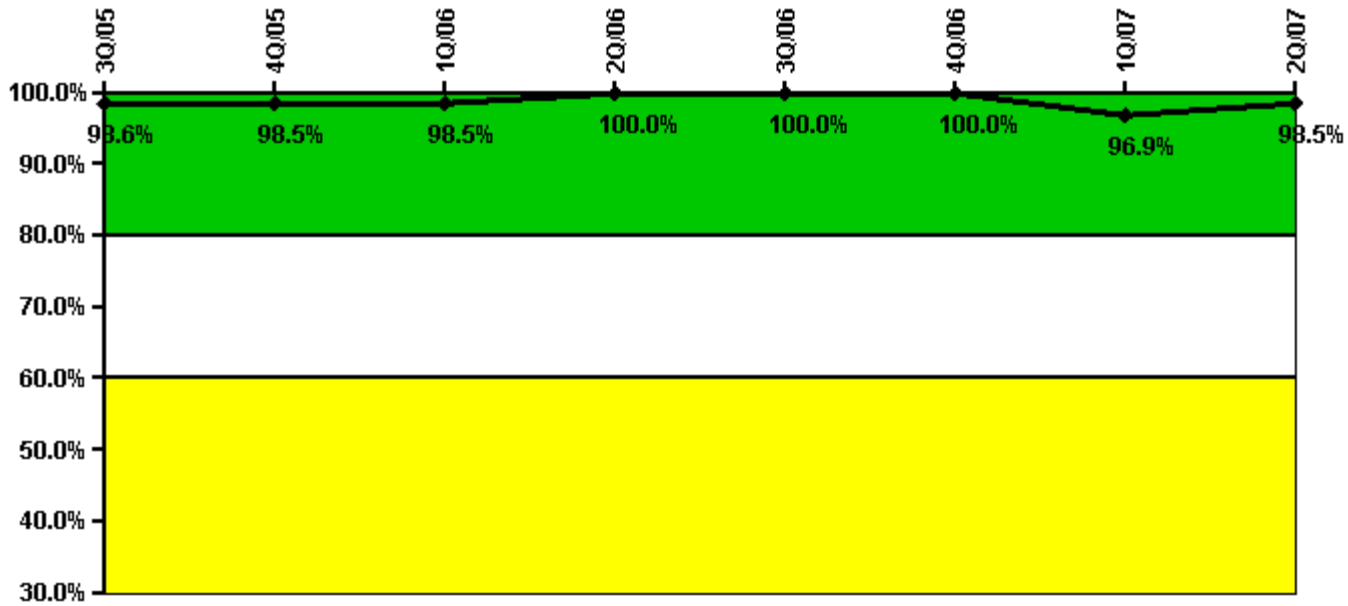
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	4.0	76.0	0	15.0	44.0	24.0	0	7.0
Total opportunities	4.0	77.0	0	16.0	44.0	24.0	0	8.0
Indicator value						98.9%	98.9%	98.3%

Licensee Comments: none

ERO Drill Participation



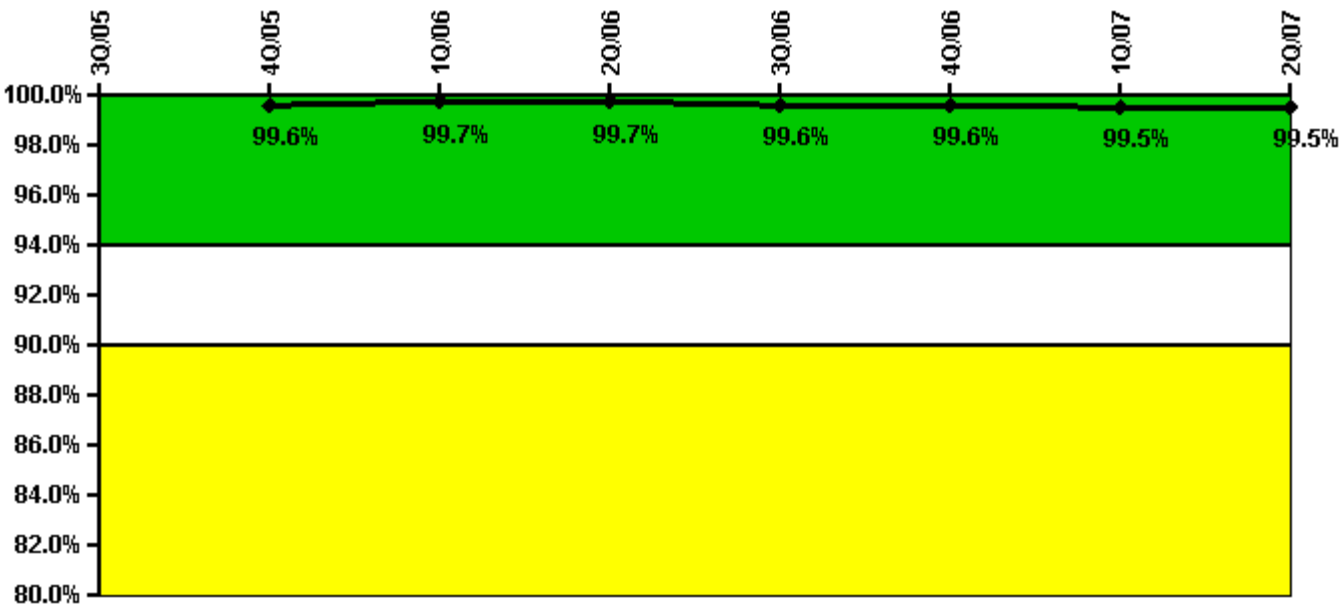
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	72.0	66.0	66.0	73.0	69.0	68.0	63.0	66.0
Total Key personnel	73.0	67.0	67.0	73.0	69.0	68.0	65.0	67.0
Indicator value	98.6%	98.5%	98.5%	100.0%	100.0%	100.0%	96.9%	98.5%

Licensee Comments: none

Alert & Notification System



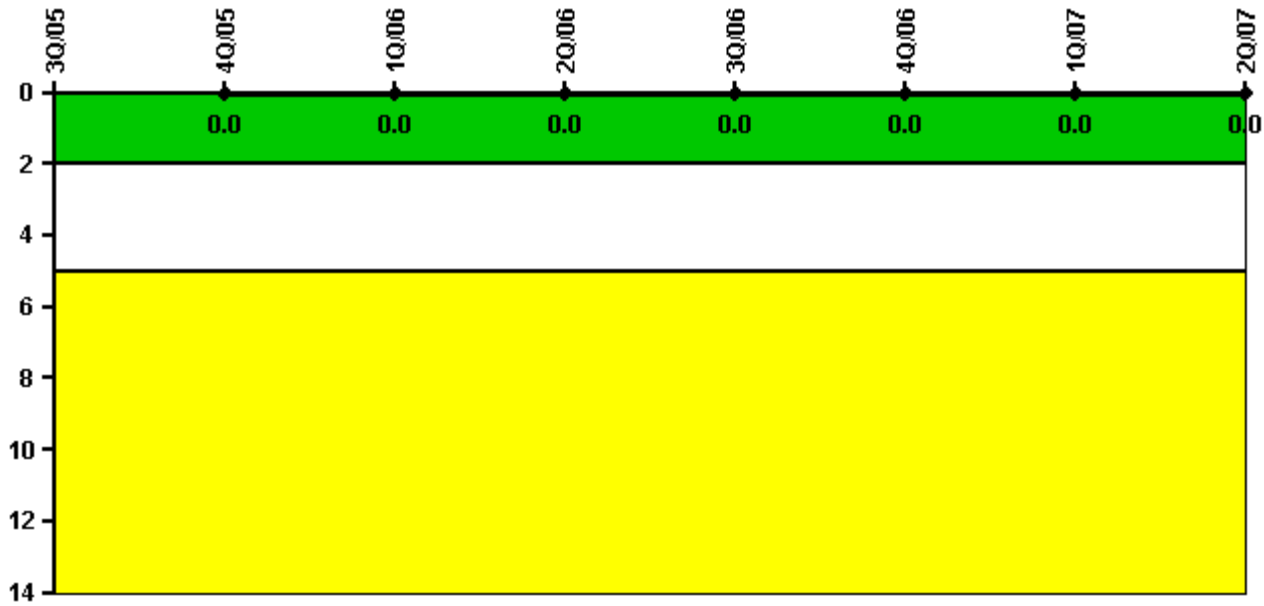
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	698	898	799	896	793	798	797	397
Total sirens-tests	700	900	800	900	800	800	800	400
Indicator value		99.6%	99.7%	99.7%	99.6%	99.6%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



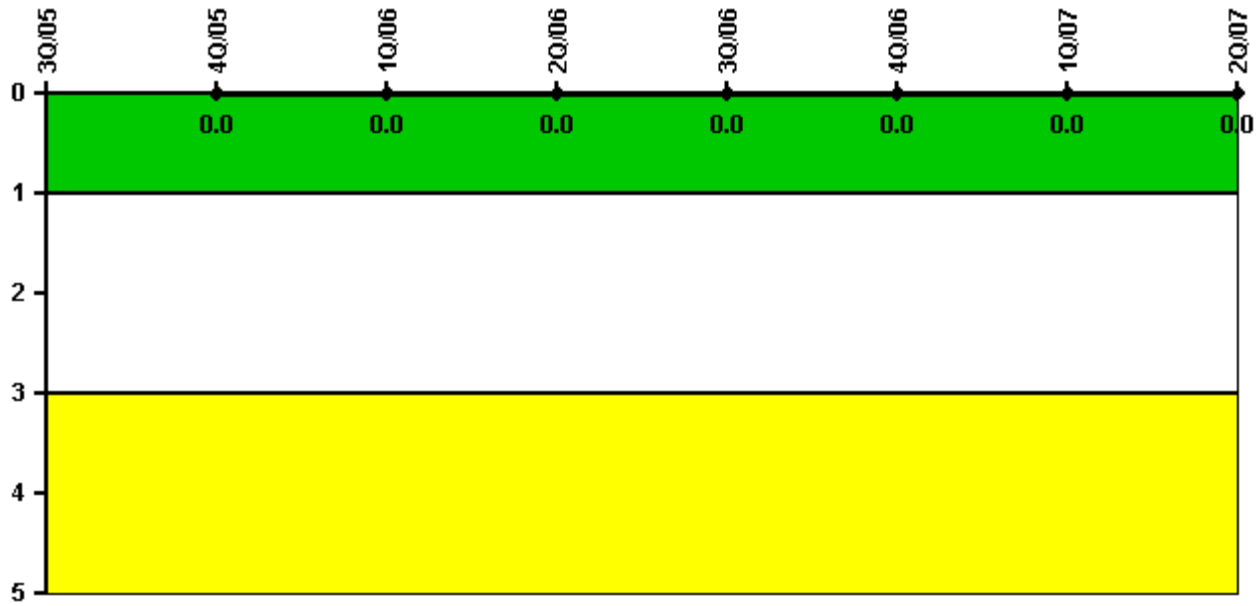
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/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

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value		0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.