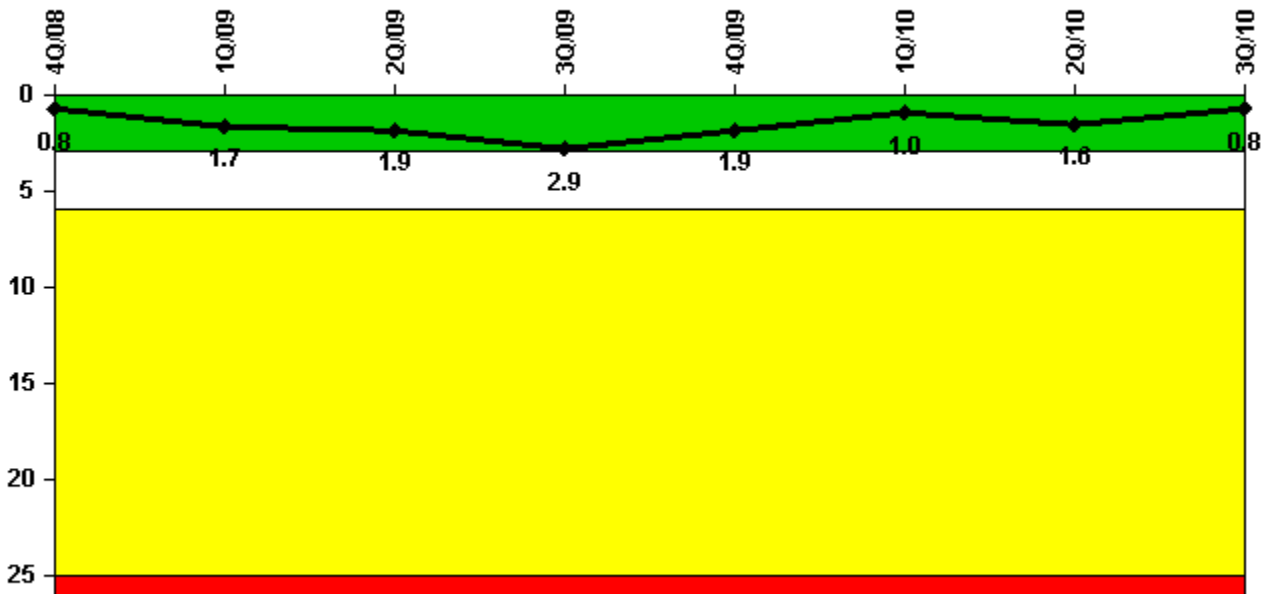


Browns Ferry 2

3Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



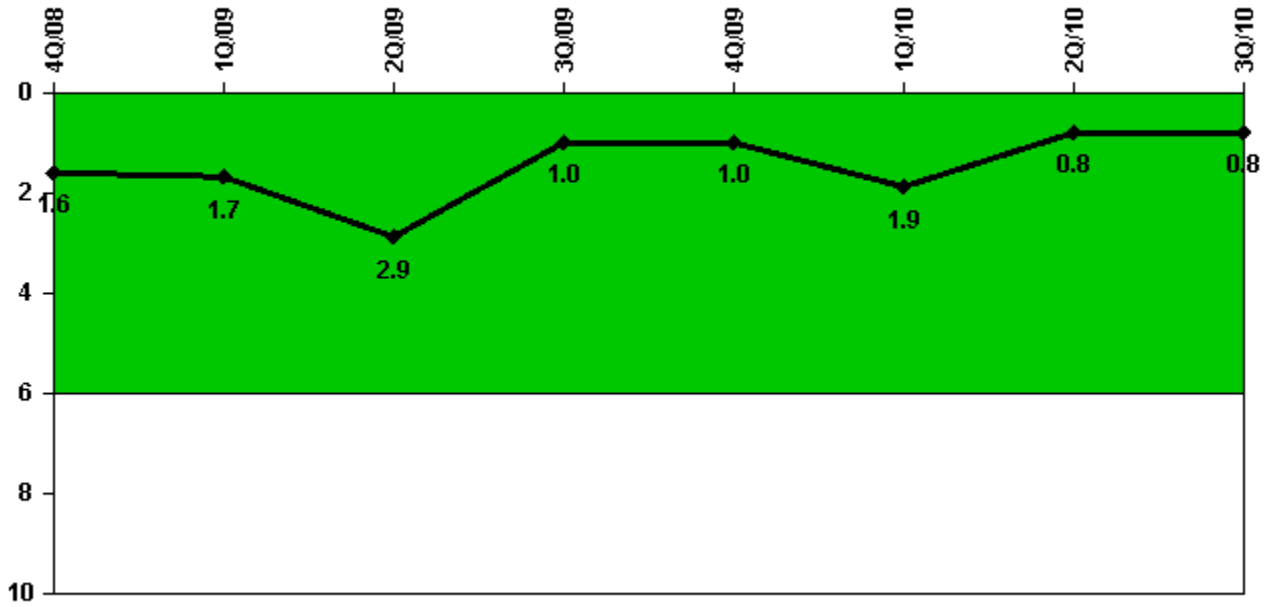
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned scrams	1.0	1.0	0	1.0	0	0	1.0	0
Critical hours	2137.4	2041.1	921.0	2183.4	2154.0	2038.9	2137.6	2208.0
Indicator value	0.8	1.7	1.9	2.9	1.9	1.0	1.6	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned power changes	0	0	1.0	0	0	1.0	0	0
Critical hours	2137.4	2041.1	921.0	2183.4	2154.0	2038.9	2137.6	2208.0
Indicator value	1.6	1.7	2.9	1.0	1.0	1.9	0.8	0.8

Licensee Comments: none

Unplanned Scrams with Complications



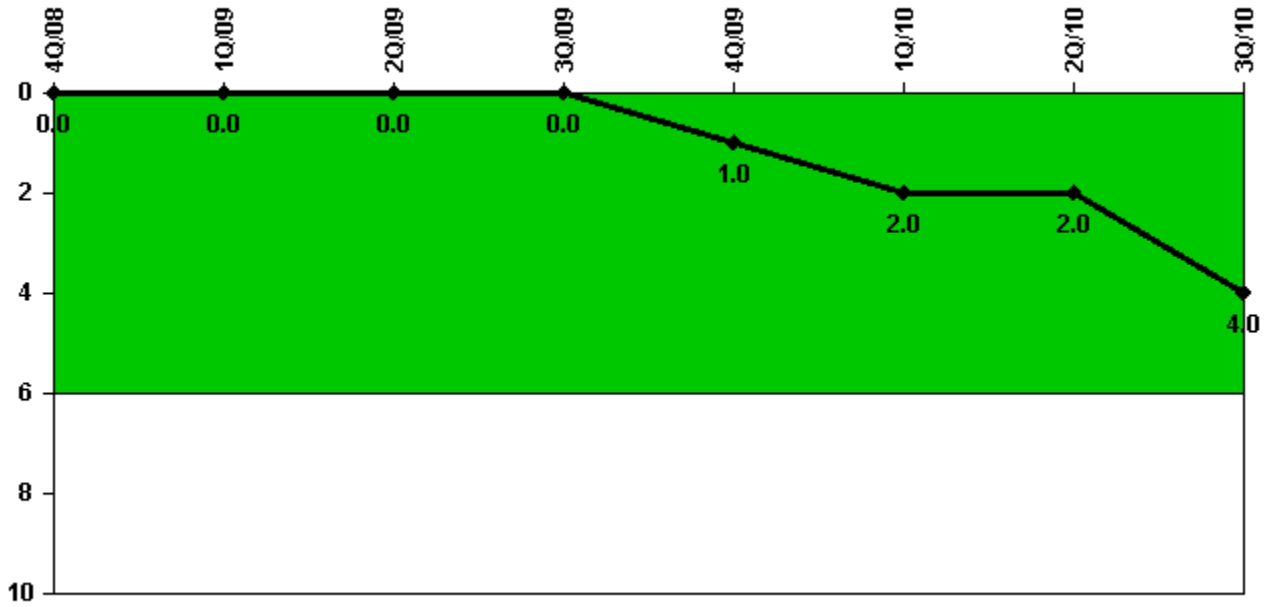
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Safety System Functional Failures	0	0	0	0	1	1	0	2
Indicator value	0	0	0	0	1	2	2	4

Licensee Comments:

3Q/10: LER 260/2010-004-00 - HPCI Isolation During Time Delay Relay Calibration LER 260/2010-005-00 - HPCI Isolation During Performance of HPCI Steam Supply Low Pressure Functional Test

Mitigating Systems Performance Index, Emergency AC Power System



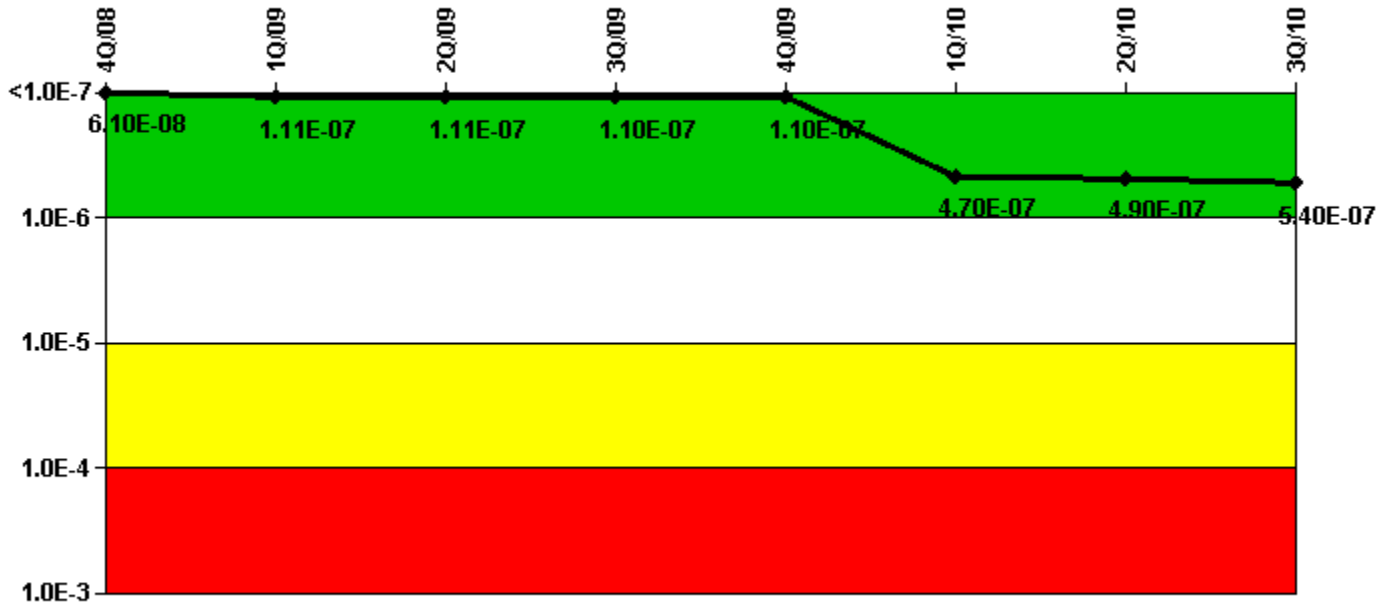
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	6.80E-08	7.60E-08	7.10E-08	9.90E-08	1.10E-07	7.96E-08	1.00E-07	1.16E-07
URI (Δ CDF)	-4.70E-07	-4.60E-07	-4.60E-07	-4.60E-07	-4.60E-07	-3.19E-07	-2.12E-07	-2.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.02E-07	-3.84E-07	-3.89E-07	-3.61E-07	-3.50E-07	-2.40E-07	-1.10E-07	-9.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



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

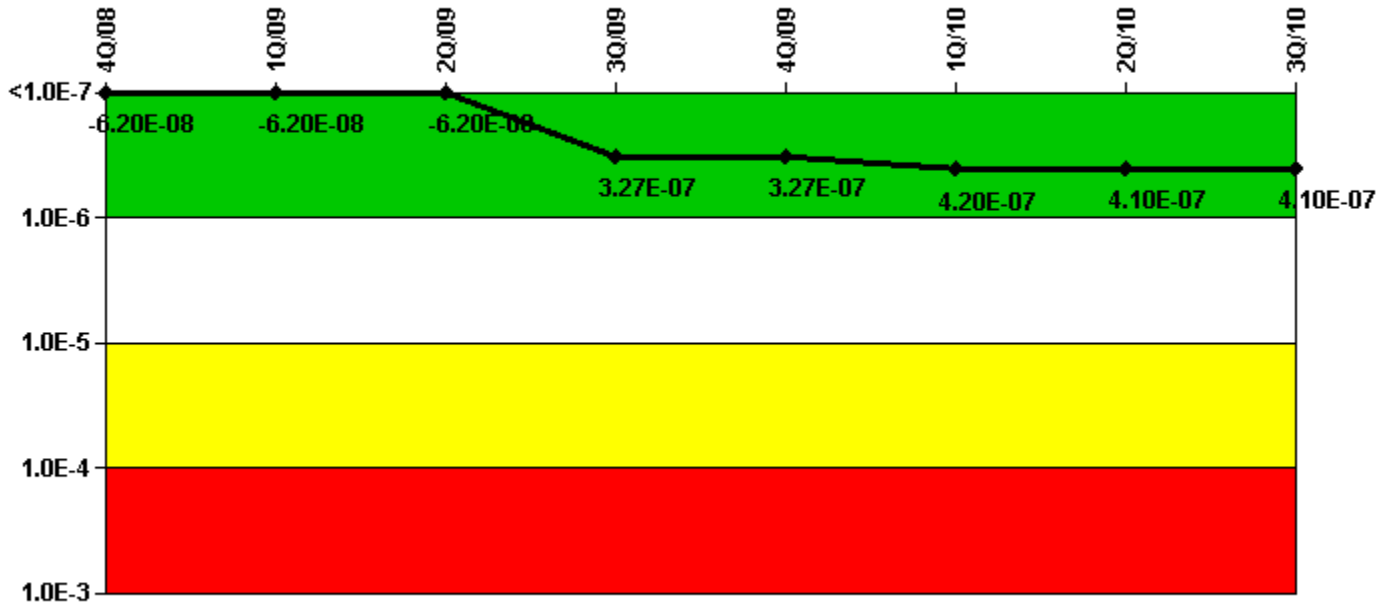
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	1.00E-07	1.50E-07	1.50E-07	1.50E-07	1.50E-07	6.56E-07	6.76E-07	7.36E-07
URI (Δ CDF)	-3.90E-08	-3.90E-08	-3.90E-08	-4.00E-08	-4.00E-08	-1.86E-07	-1.91E-07	-1.92E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.10E-08	1.11E-07	1.11E-07	1.10E-07	1.10E-07	4.70E-07	4.90E-07	5.40E-07

Licensee Comments:

3Q/10: HPCI and RCIC operational demands changed to estimates from actuals for all 3 units.

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	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-1.90E-08	-1.90E-08	-1.90E-08	2.30E-07	2.30E-07	2.79E-07	2.75E-07	2.74E-07
URI (Δ CDF)	-4.30E-08	-4.30E-08	-4.30E-08	9.70E-08	9.70E-08	1.45E-07	1.34E-07	1.33E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.20E-08	-6.20E-08	-6.20E-08	3.27E-07	3.27E-07	4.20E-07	4.10E-07	4.10E-07

Licensee Comments:

3Q/10: HPCI and RCIC operational demands changed to estimates from actuals for all 3 units.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

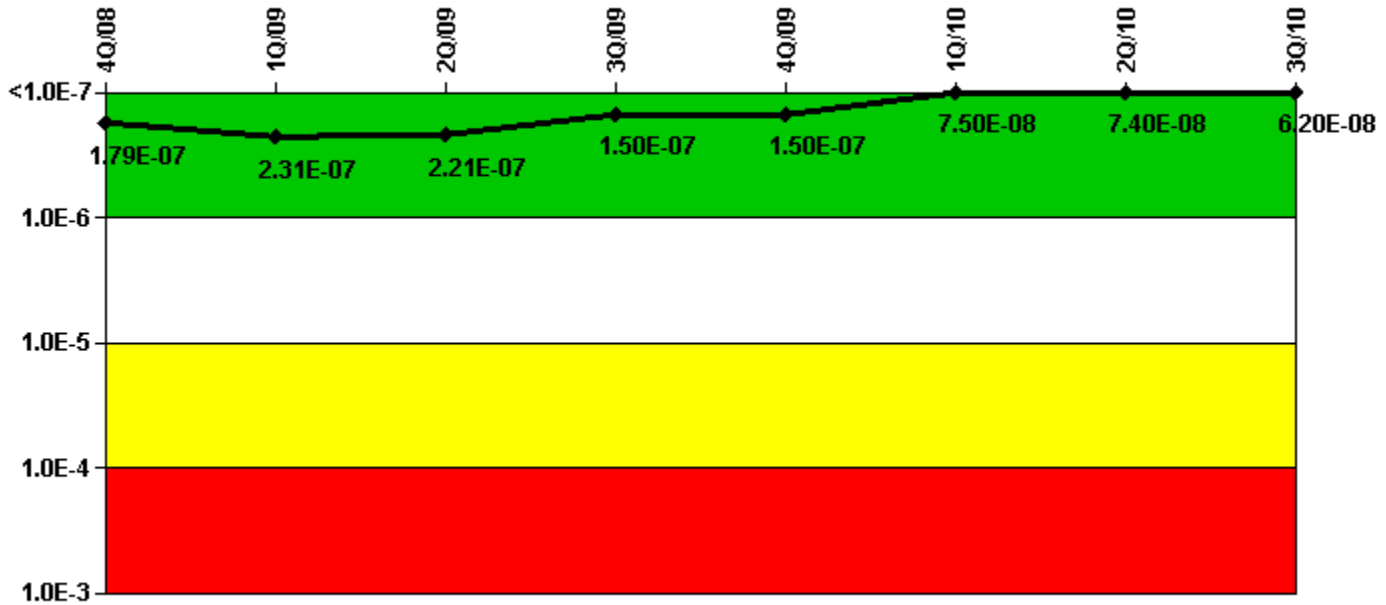
Mitigating Systems Performance Index, Residual Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	$1.80E-08$	$-2.20E-08$	$5.10E-08$	$1.60E-07$	$1.40E-07$	$1.17E-08$	$1.15E-08$	$9.81E-09$
URI (Δ CDF)	$-7.80E-08$	$-7.80E-08$	$-8.80E-08$	$-9.10E-08$	$-8.90E-08$	$1.34E-08$	$8.04E-09$	$1.12E-08$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$-6.00E-08$	$-1.00E-07$	$-3.70E-08$	$6.90E-08$	$5.10E-08$	$2.50E-08$	$2.00E-08$	$2.10E-08$

Licensee Comments:

3Q/10: RHR operational demands and test demands changed to estimates from actuals for all 3 units.

2Q/10: Unpl UA for DW Spray voiding removed based on FE 235900. Reference SR 261596.

Mitigating Systems Performance Index, Cooling Water Systems



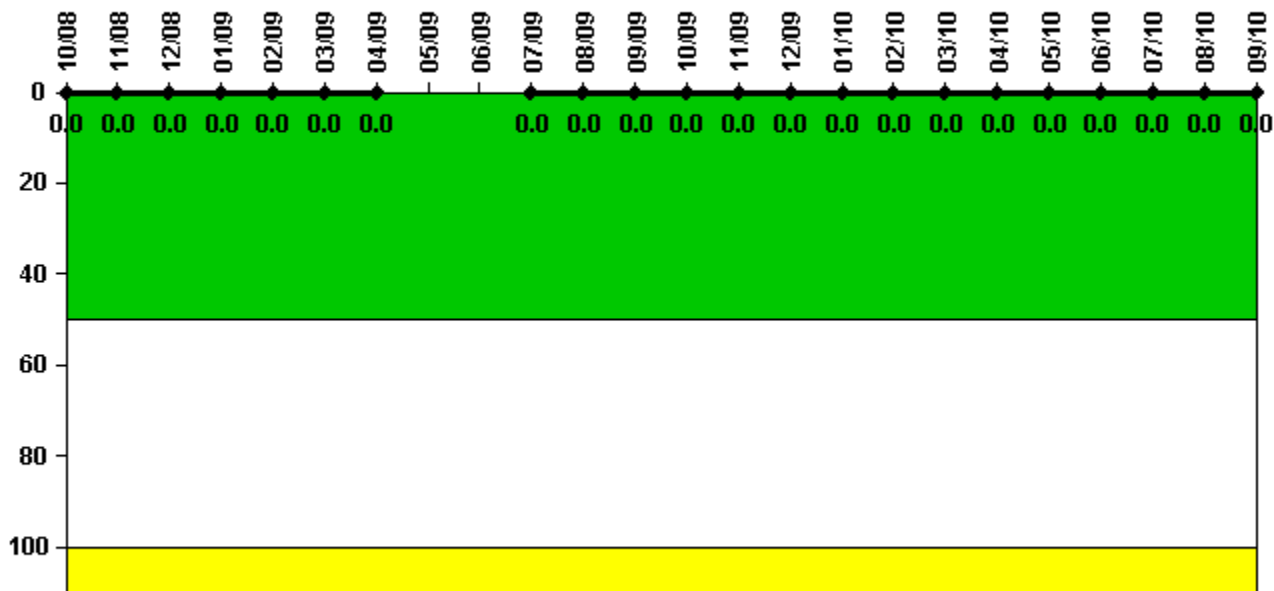
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	1.00E-07	1.50E-07	1.40E-07	1.40E-07	1.40E-07	1.75E-08	1.71E-08	1.37E-08
URI (Δ CDF)	7.90E-08	8.10E-08	8.10E-08	1.00E-08	1.00E-08	5.73E-08	5.73E-08	4.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.79E-07	2.31E-07	2.21E-07	1.50E-07	1.50E-07	7.50E-08	7.40E-08	6.20E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

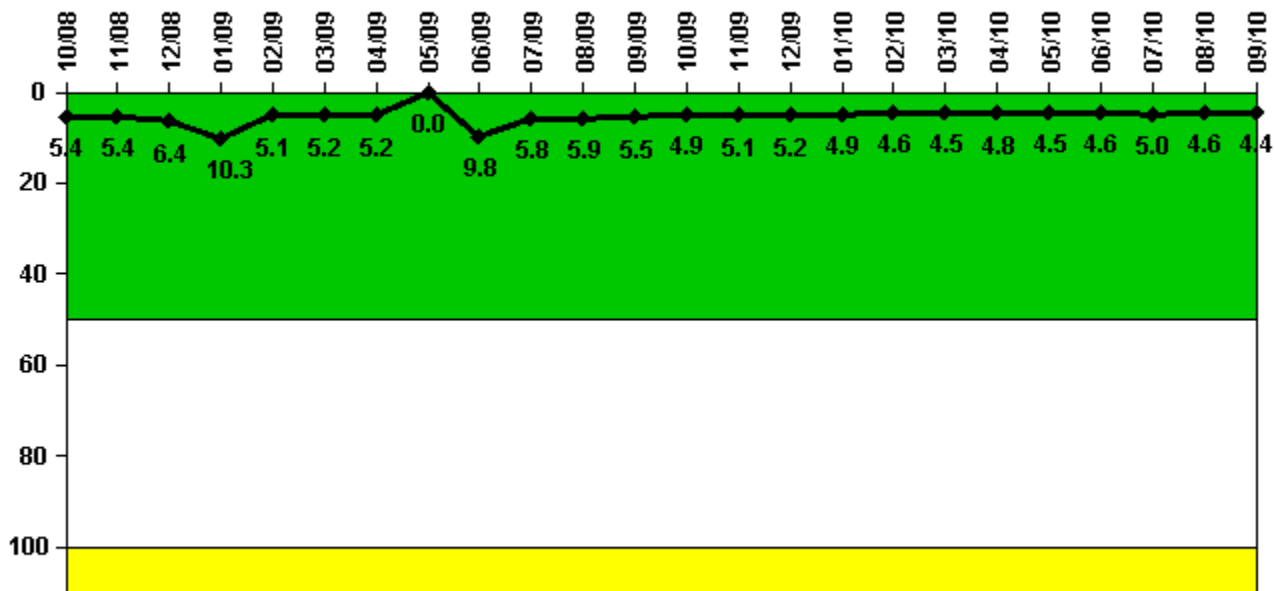
Notes

Reactor Coolant System Activity	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum activity	0.000073	0.000074	0.000068	0.000062	0.000062	0.000068	0.000071	N/A	N/A	0.000091	0.000066	0.000059
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	N/A	N/A	0	0	0

Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	0.000074	0.000079	0.000079	0.000078	0.000104	0.000084	0.000134	0.000078	0.000072	0.000039	0.000037	0.000137
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



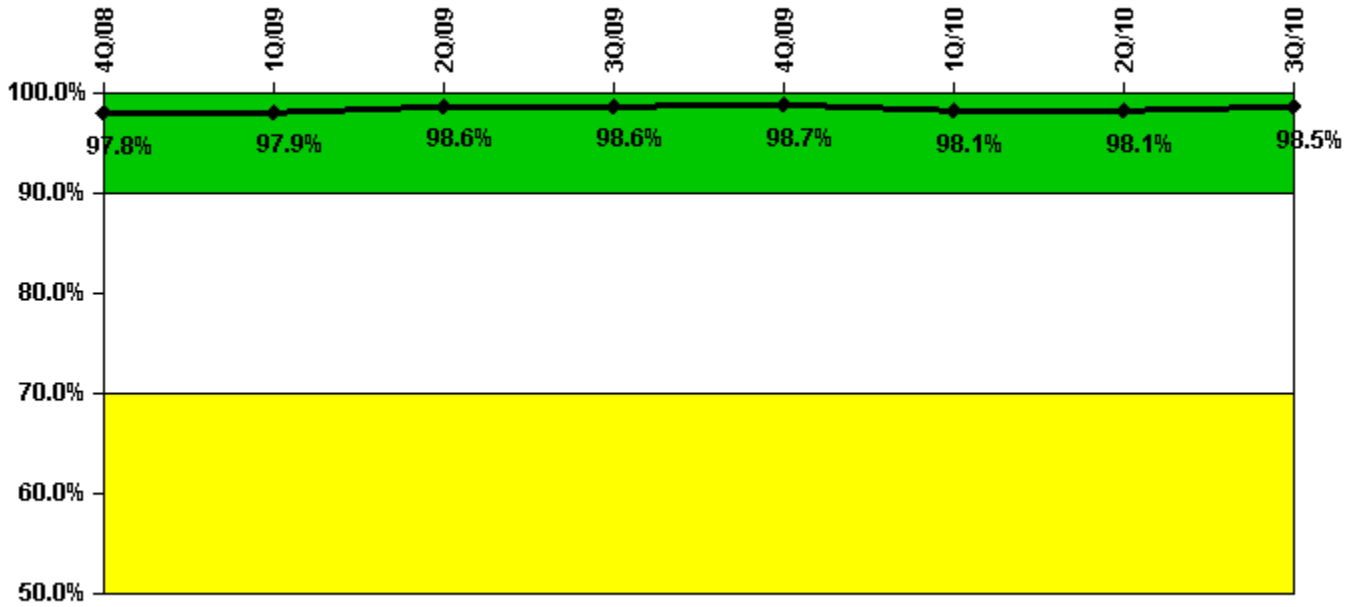
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum leakage	1.610	1.630	1.930	3.090	1.530	1.550	1.560	0	2.940	1.730	1.760	1.660
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	5.4	5.4	6.4	10.3	5.1	5.2	5.2	0	9.8	5.8	5.9	5.5
Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	1.460	1.540	1.560	1.480	1.370	1.360	1.450	1.340	1.380	1.510	1.370	1.310
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	4.9	5.1	5.2	4.9	4.6	4.5	4.8	4.5	4.6	5.0	4.6	4.4

Licensee Comments: none

Drill/Exercise Performance



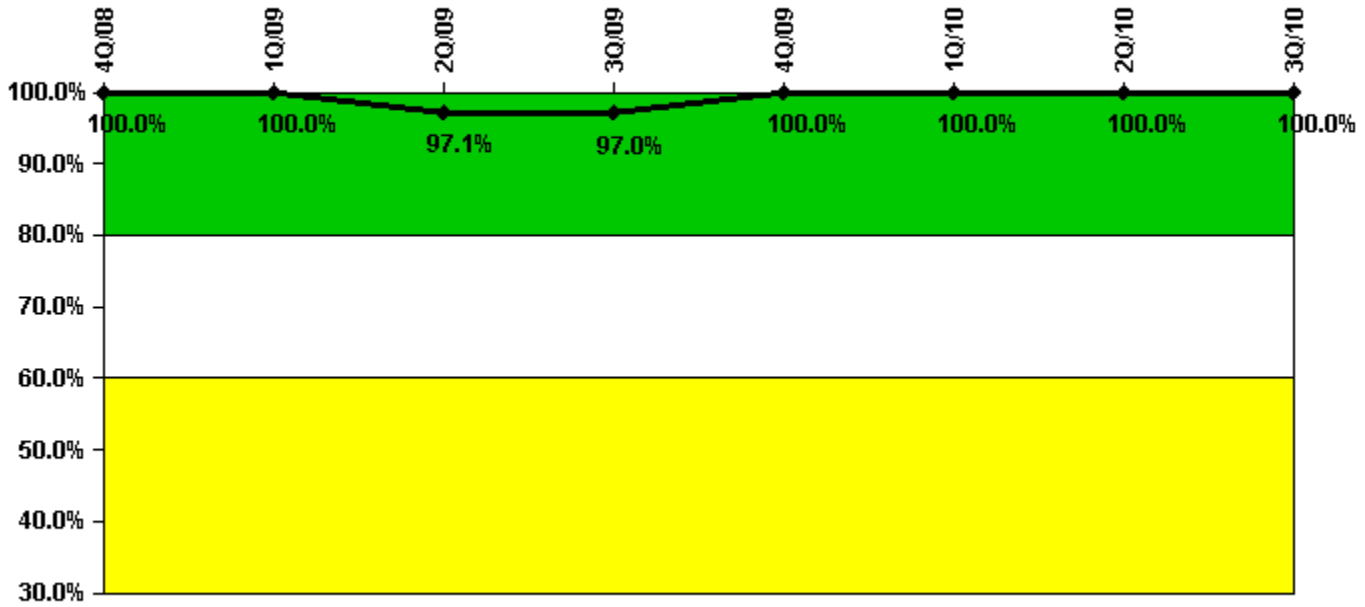
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful opportunities	47.0	10.0	4.0	8.0	71.0	5.0	8.0	50.0
Total opportunities	48.0	10.0	4.0	8.0	72.0	6.0	8.0	50.0
Indicator value	97.8%	97.9%	98.6%	98.6%	98.7%	98.1%	98.1%	98.5%

Licensee Comments: none

ERO Drill Participation



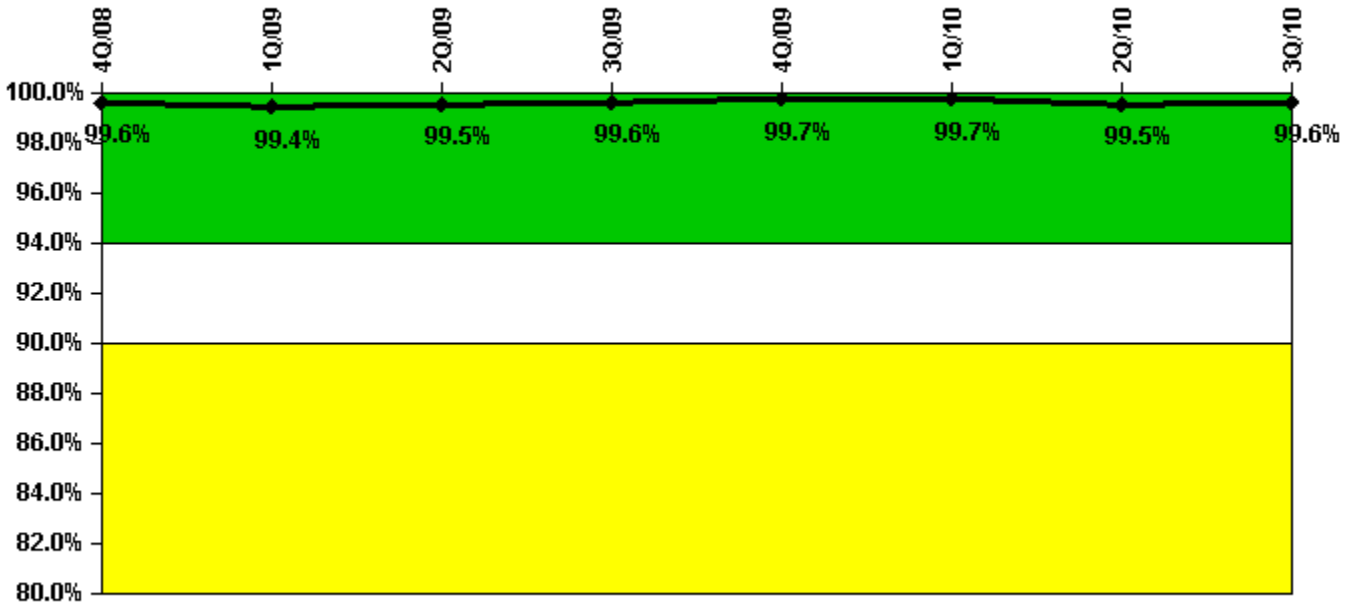
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Participating Key personnel	67.0	73.0	66.0	64.0	69.0	72.0	73.0	73.0
Total Key personnel	67.0	73.0	68.0	66.0	69.0	72.0	73.0	73.0
Indicator value	100.0%	100.0%	97.1%	97.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



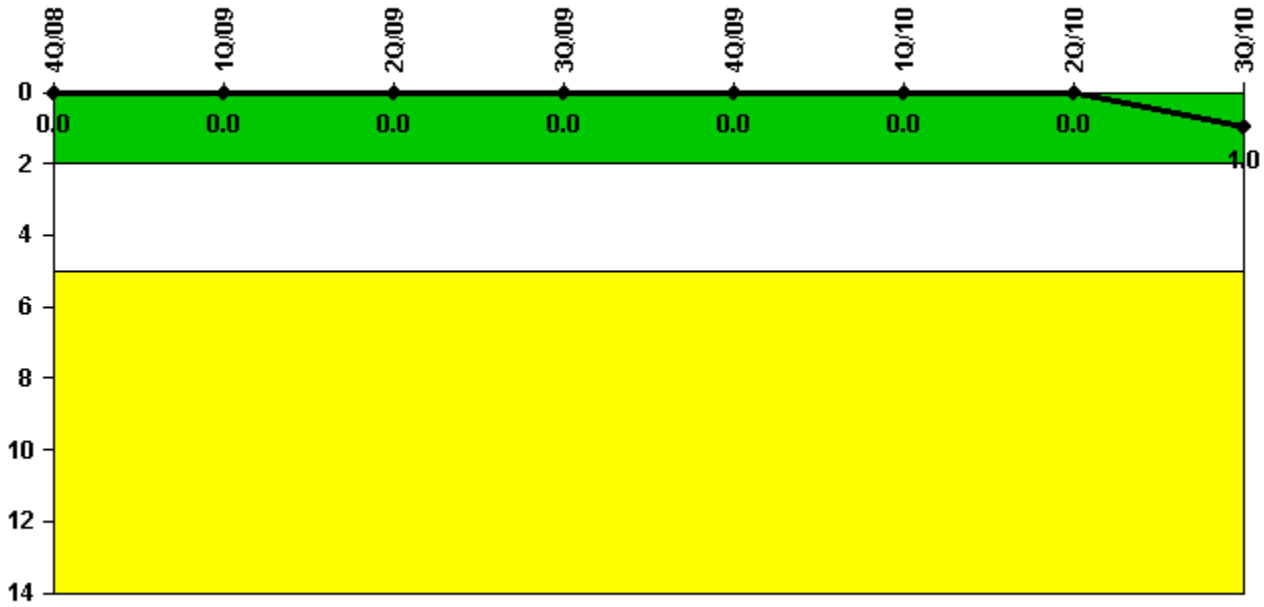
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	597	994	600	897	698	897	693	898
Total sirens-tests	600	1000	600	900	700	900	700	900
Indicator value	99.6%	99.4%	99.5%	99.6%	99.7%	99.7%	99.5%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
High radiation area occurrences	0	0	0	0	0	0	0	1
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	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Security](#) information not publicly available.