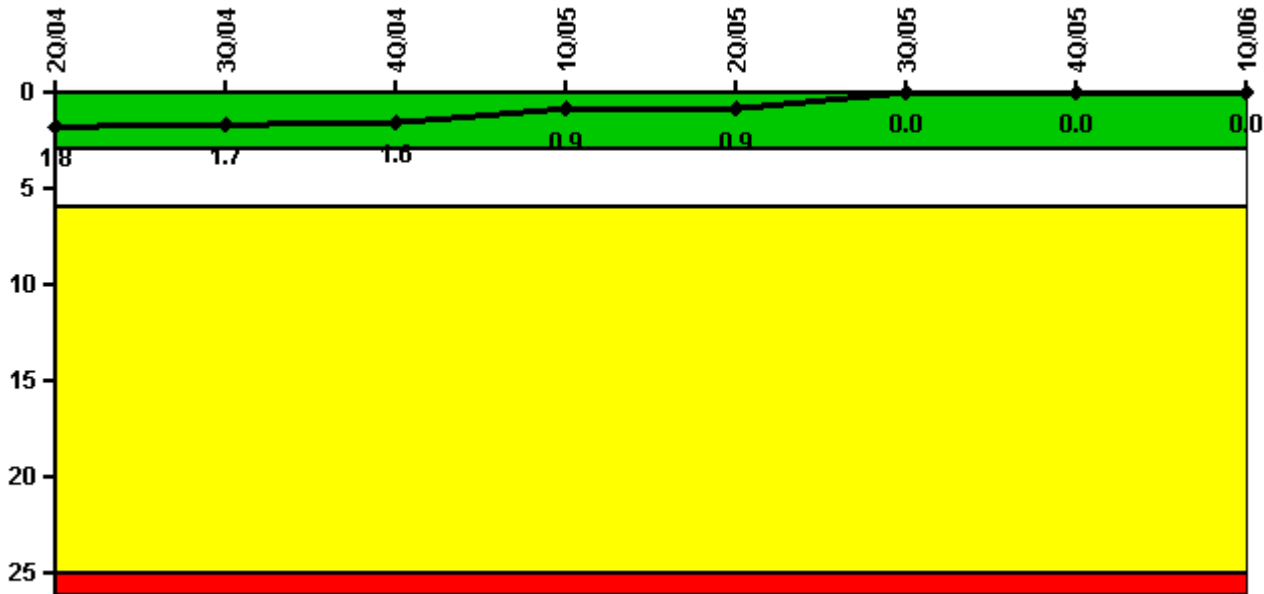


Watts Bar 1

1Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



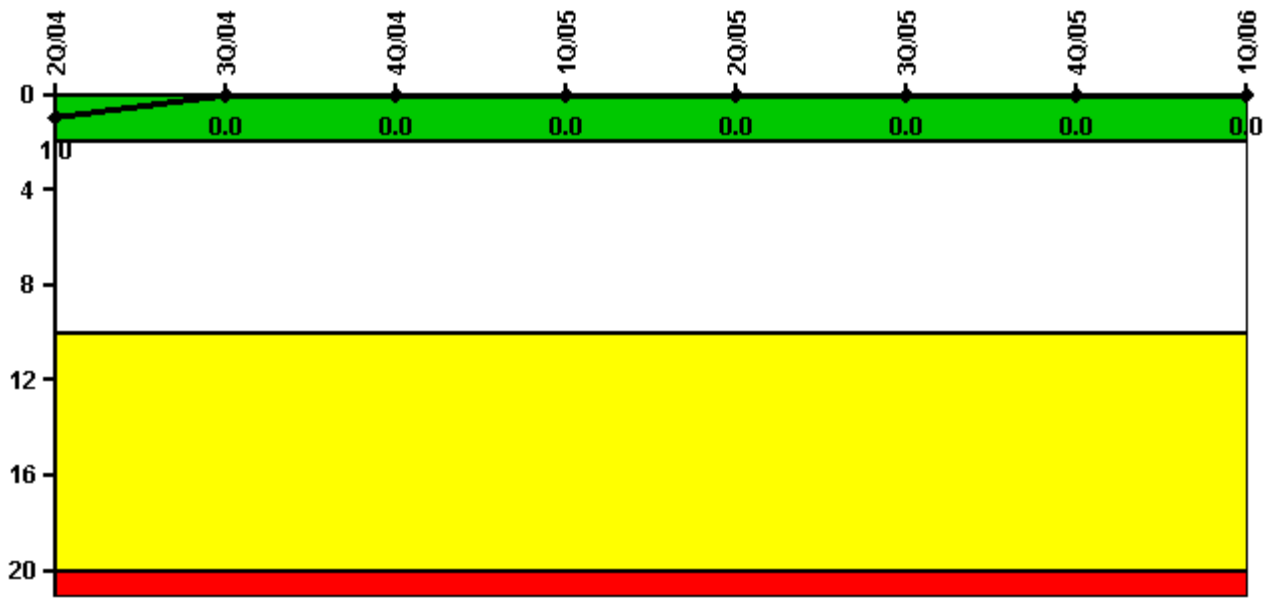
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2183.0	2163.3	2209.0	1281.9	2183.0	2208.0	2209.0	2160.0
Indicator value	1.8	1.7	1.6	0.9	0.9	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



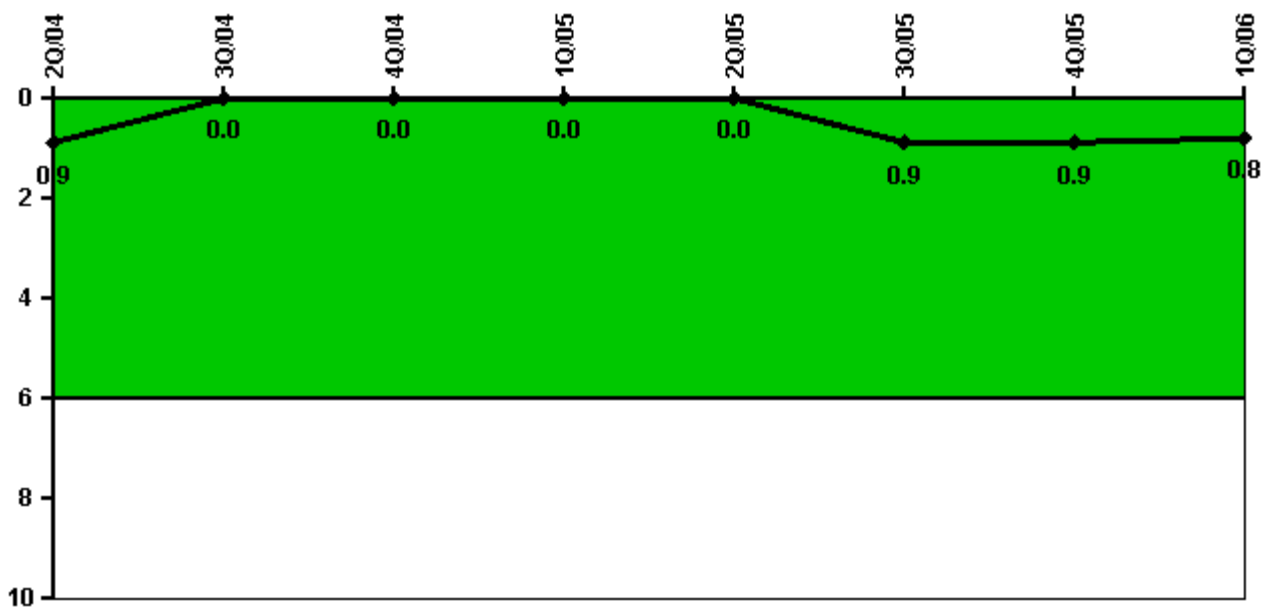
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



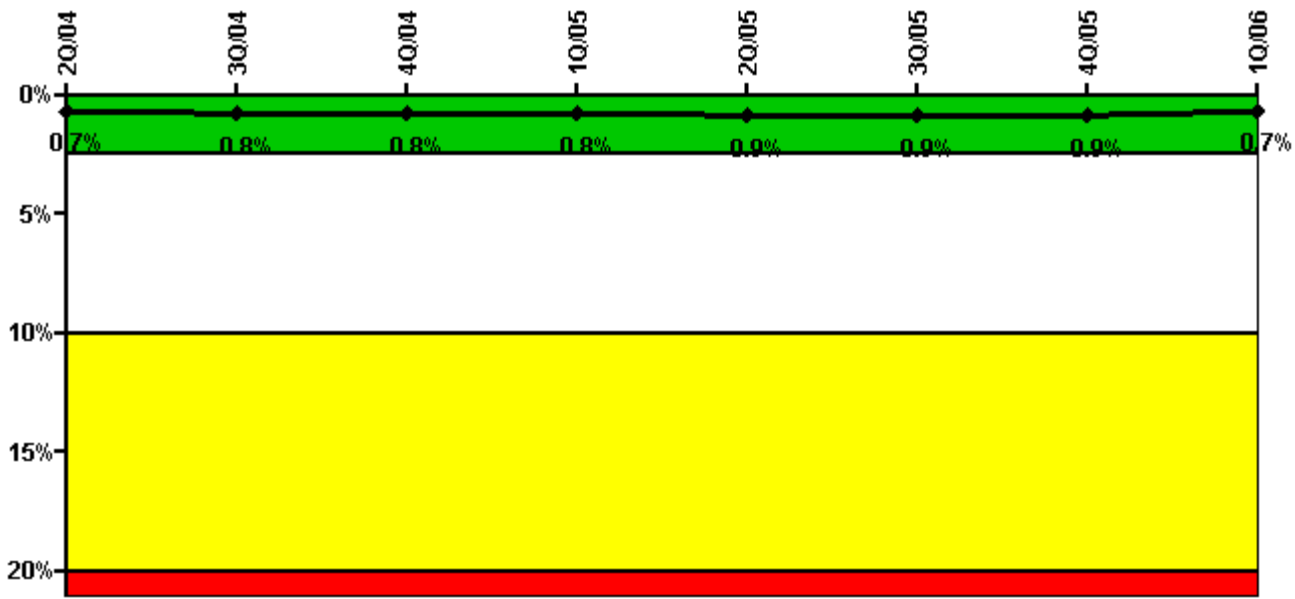
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2183.0	2163.3	2209.0	1281.9	2183.0	2208.0	2209.0	2160.0
Indicator value	0.9	0	0	0	0	0.9	0.9	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

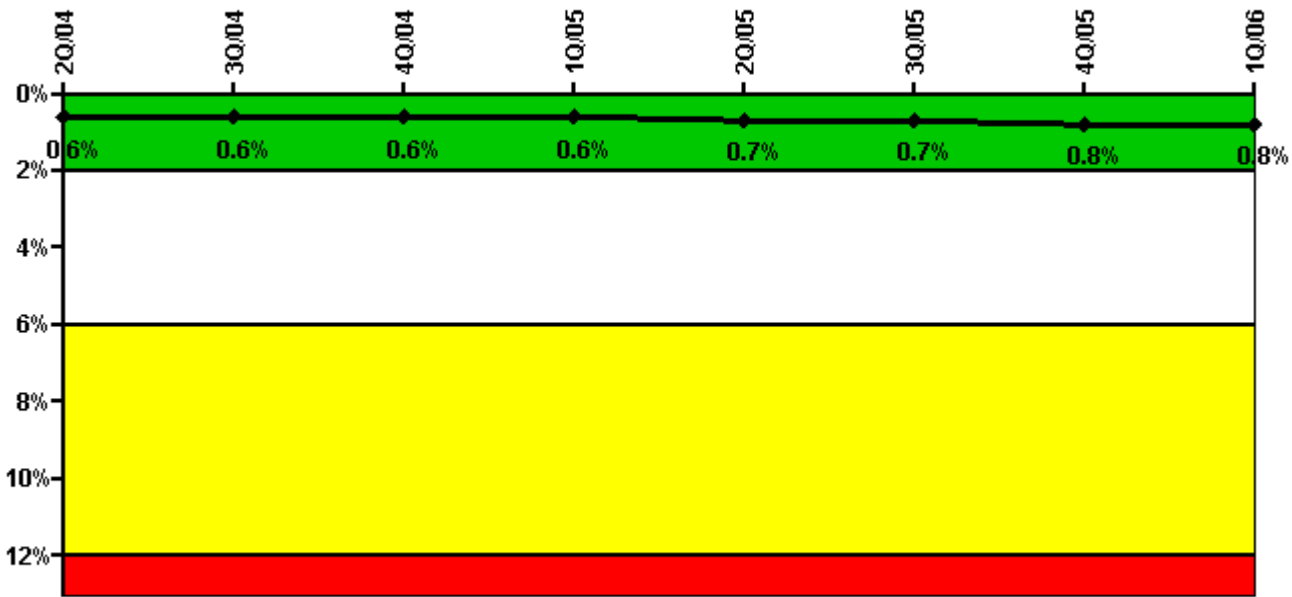
Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	3.42	25.94	4.15	1.75	62.65	1.41	0.40	1.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	6.05	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1785.63	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	2.31	37.68	8.22	0.82	1.64	1.30	1.79	1.29
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1800.08	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	3.39	30.57	20.75	1.17	64.99	0.90	1.10	0.56
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1785.63	2183.00	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	1.12	20.58	0.60	0.72	16.79	1.30	0.89	0.52
Unplanned unavailable hours	26.88	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1800.08	2183.00	2208.00	2209.00	2160.00
Indicator value	0.7%	0.8%	0.8%	0.8%	0.9%	0.9%	0.9%	0.7%

Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1379.48	2183.00	2208.00	2209.00	2160.00
Indicator value	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

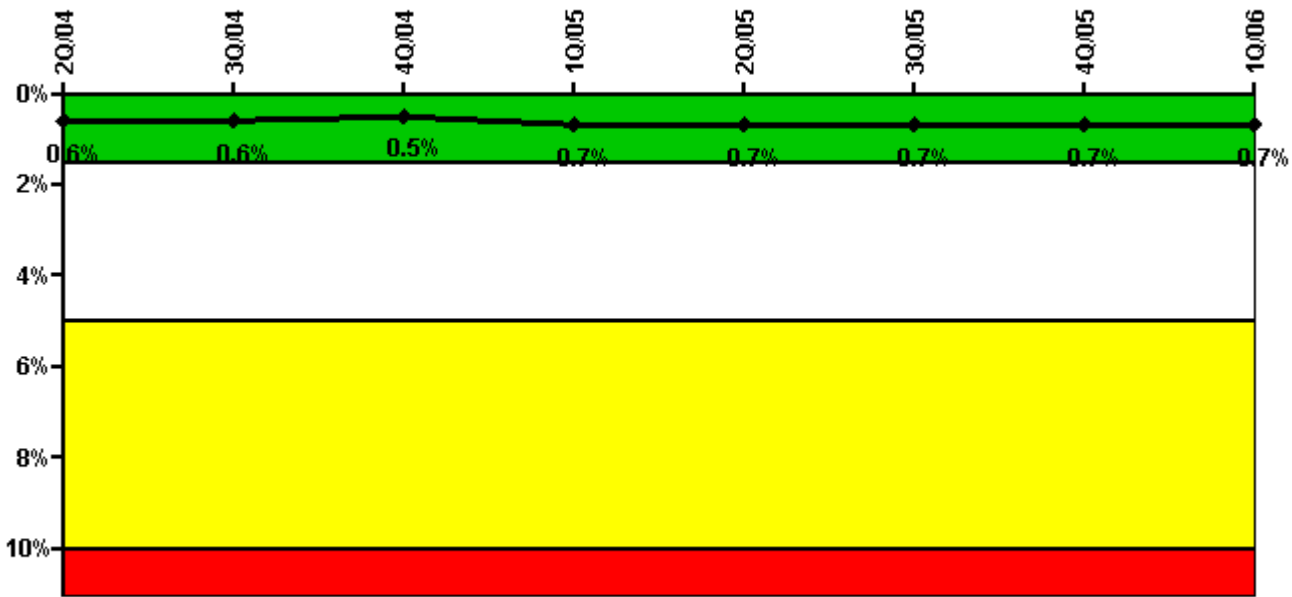
Safety System Unavailability, Heat Removal System (AFW)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	6.78	3.55	18.23	2.93	13.17	7.70	16.65	16.87
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1404.10	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	3.07	6.18	6.23	0	27.40	4.42	7.37	5.65
Unplanned unavailable hours	0	0	0.17	0	12.55	0	0.32	25.93
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1404.10	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	6.48	20.72	8.30	3.85	0.45	14.52	0.79	14.33
Unplanned unavailable hours	0	0	0	0	63.80	0	0	25.93

Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1379.50	2183.00	2208.00	2209.00	2160.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.7%	0.7%	0.8%	0.8%

Licensee Comments:

1Q/06: January 2006 - Unplanned Unavailable incurred due to air pocket discovered in ERCW supply line. See LER 390/2006-001.

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

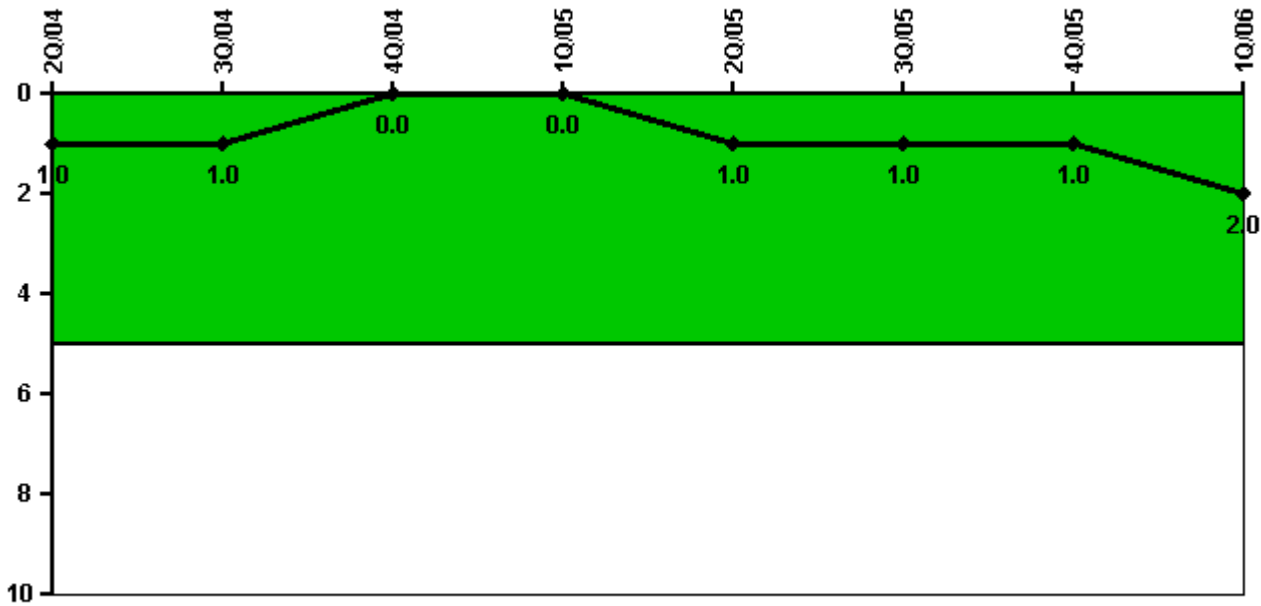
Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	29.16	14.91	8.76	18.60	11.61	12.10	12.41	24.13
Unplanned unavailable hours	0	0	0	51.43	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1840.70	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	7.06	32.93	8.31	4.93	8.69	4.06	31.45	7.49
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1876.00	2183.00	2208.00	2209.00	2160.00

Indicator value	0.6%	0.6%	0.5%	0.7%	0.7%	0.7%	0.7%	0.7%
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Licensee Comments:

1Q/05: Change for 1Q CY2005 (March 2005) - Upon further review, the accrued unavailable hours for the RHR Pump subsequent seal replacement would be more appropriately characterized as unplanned. Changed the 51.43 unavailable hours to unplanned for Train 1. Planned unavailable will be 0 hours for Train 1. This change does not affect the color of the indicator.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

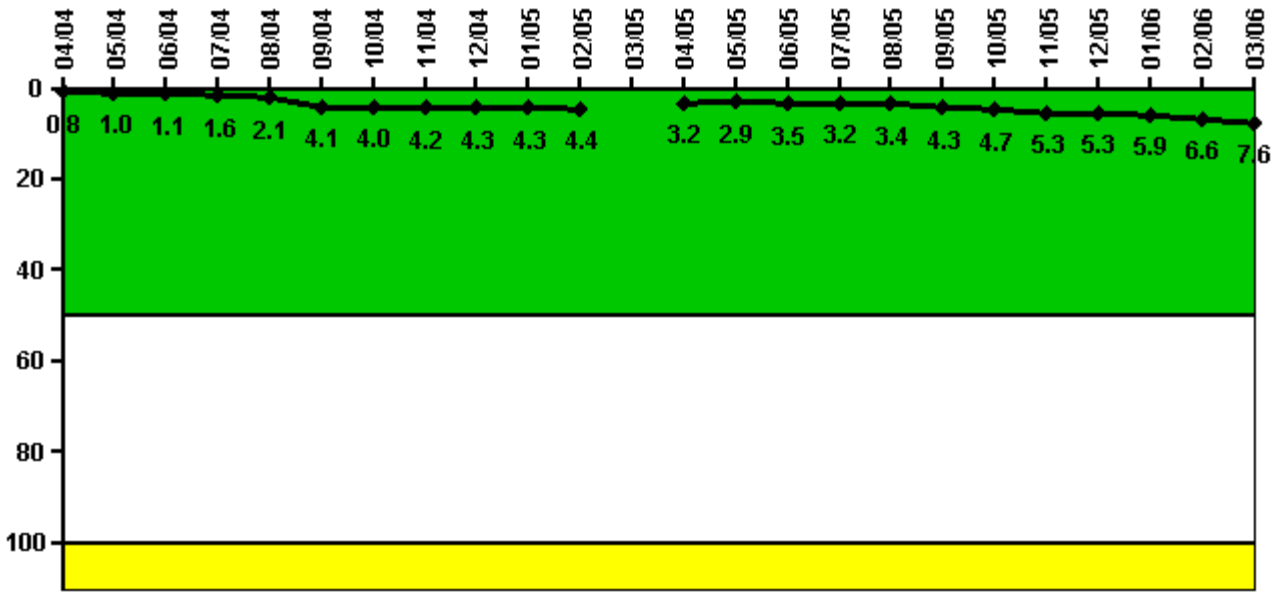
Notes

Safety System Functional Failures (PWR)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Safety System Functional Failures	0	0	0	0	1	0	0	1
Indicator value	1	1	0	0	1	1	1	2

Licensee Comments:

1Q/06: LER 390/2006-001

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

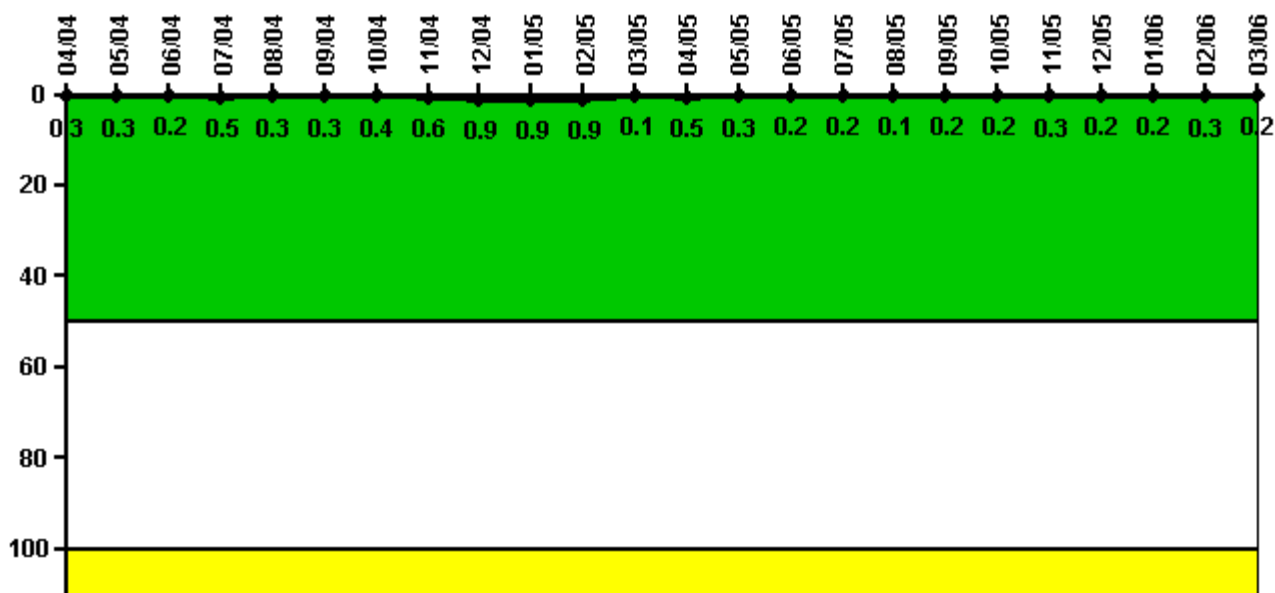
Notes

Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.002067	0.002710	0.002923	0.004270	0.005670	0.010900	0.010550	0.011000	0.011300	0.011510	0.011750	N/A
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.8	1.0	1.1	1.6	2.1	4.1	4.0	4.2	4.3	4.3	4.4	N/A

Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	0.008404	0.007575	0.009344	0.008591	0.008921	0.011280	0.012540	0.013960	0.014030	0.015620	0.017400	0.020090
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	3.2	2.9	3.5	3.2	3.4	4.3	4.7	5.3	5.3	5.9	6.6	7.6

Licensee Comments: none

Reactor Coolant System Leakage



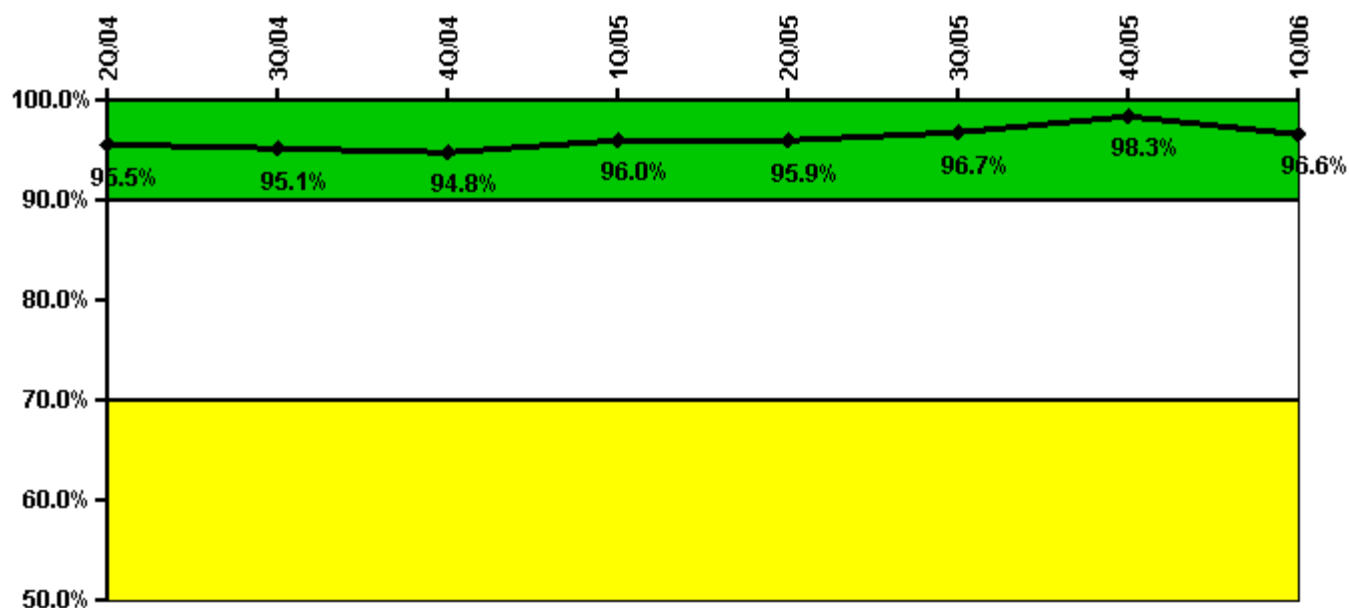
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0.030	0.030	0.020	0.050	0.030	0.030	0.040	0.060	0.090	0.090	0.090	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.3	0.3	0.2	0.5	0.3	0.3	0.4	0.6	0.9	0.9	0.9	0.1
Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.050	0.030	0.020	0.020	0.010	0.020	0.020	0.030	0.020	0.020	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.3	0.2	0.2	0.1	0.2	0.2	0.3	0.2	0.2	0.3	0.2

Licensee Comments: none

Drill/Exercise Performance



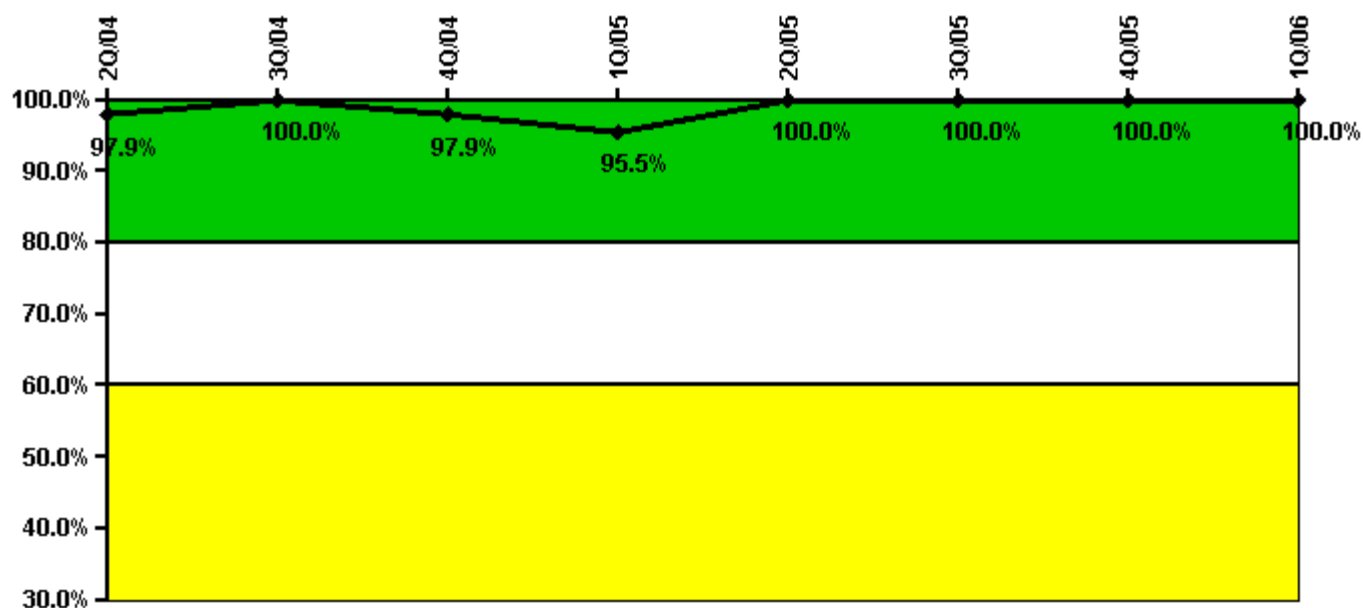
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	0	11.0	54.0	16.0	4.0	32.0	26.0	27.0
Total opportunities	0	12.0	56.0	16.0	4.0	32.0	26.0	30.0
Indicator value	95.5%	95.1%	94.8%	96.0%	95.9%	96.7%	98.3%	96.6%

Licensee Comments: none

ERO Drill Participation



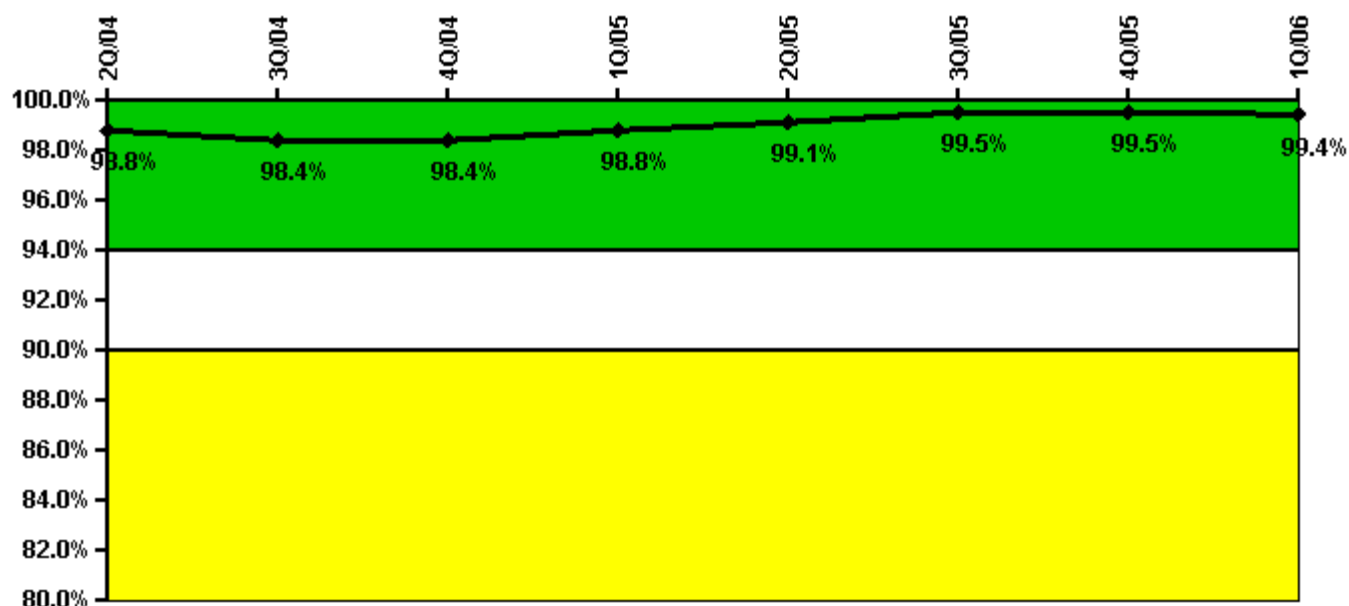
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	47.0	47.0	47.0	63.0	69.0	72.0	70.0	73.0
Total Key personnel	48.0	47.0	48.0	66.0	69.0	72.0	70.0	73.0
Indicator value	97.9%	100.0%	97.9%	95.5%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



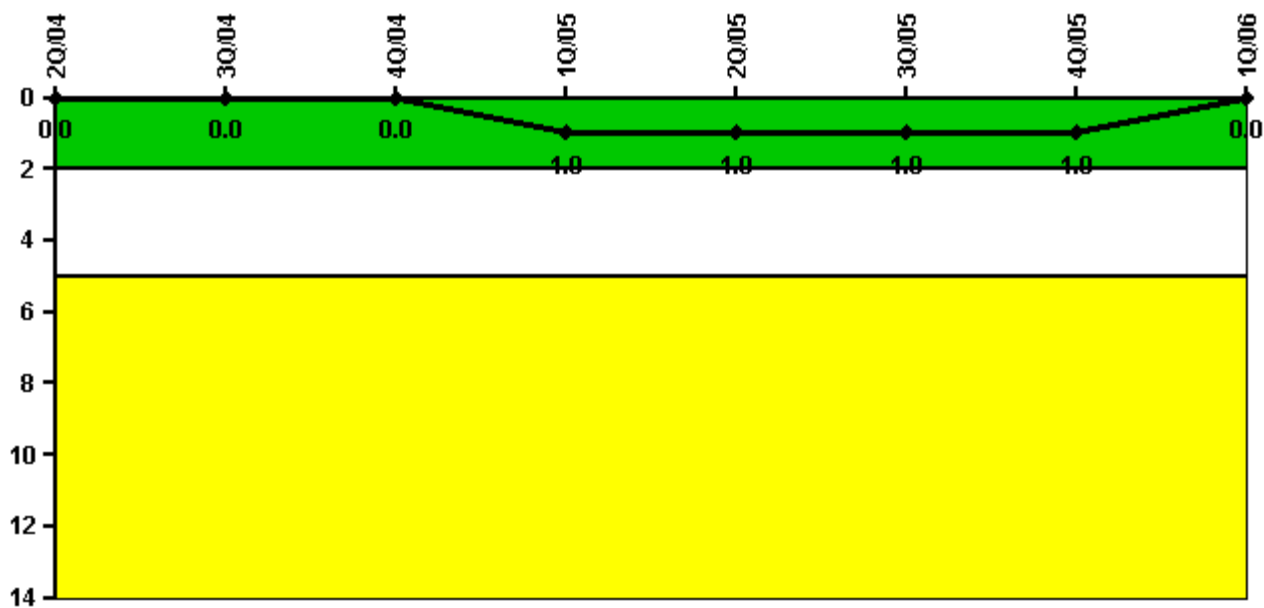
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	976	676	885	690	988	787	787	685
Total sirens-tests	990	693	891	693	990	792	792	693
Indicator value	98.8%	98.4%	98.4%	98.8%	99.1%	99.5%	99.5%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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	1	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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: May 5, 2006