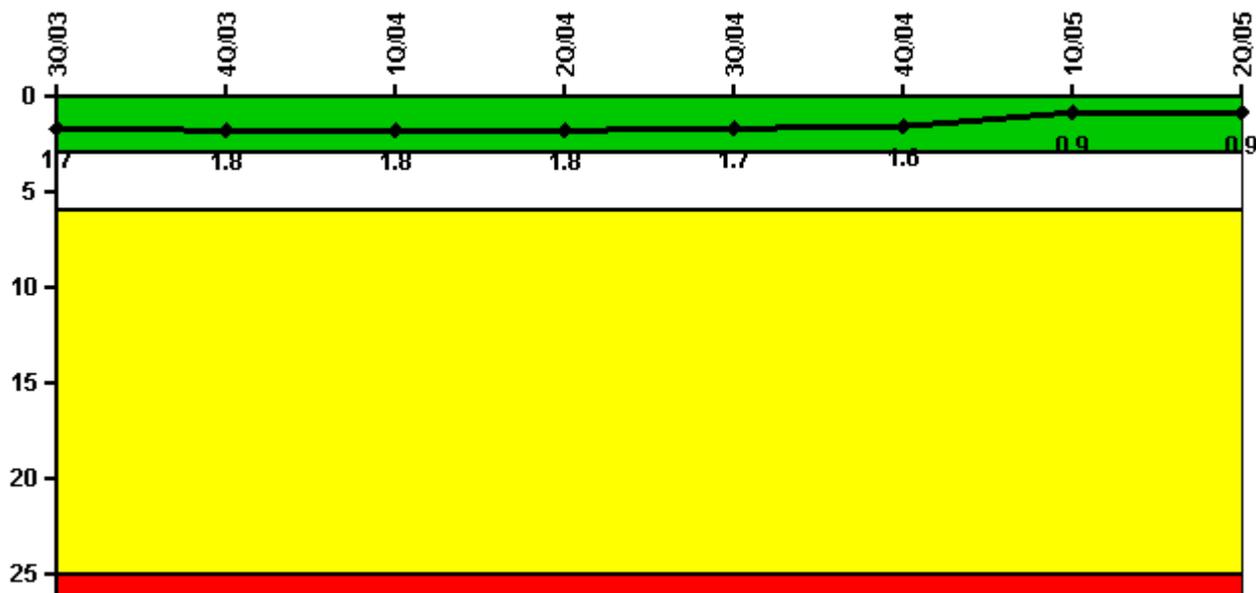


Watts Bar 1

2Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



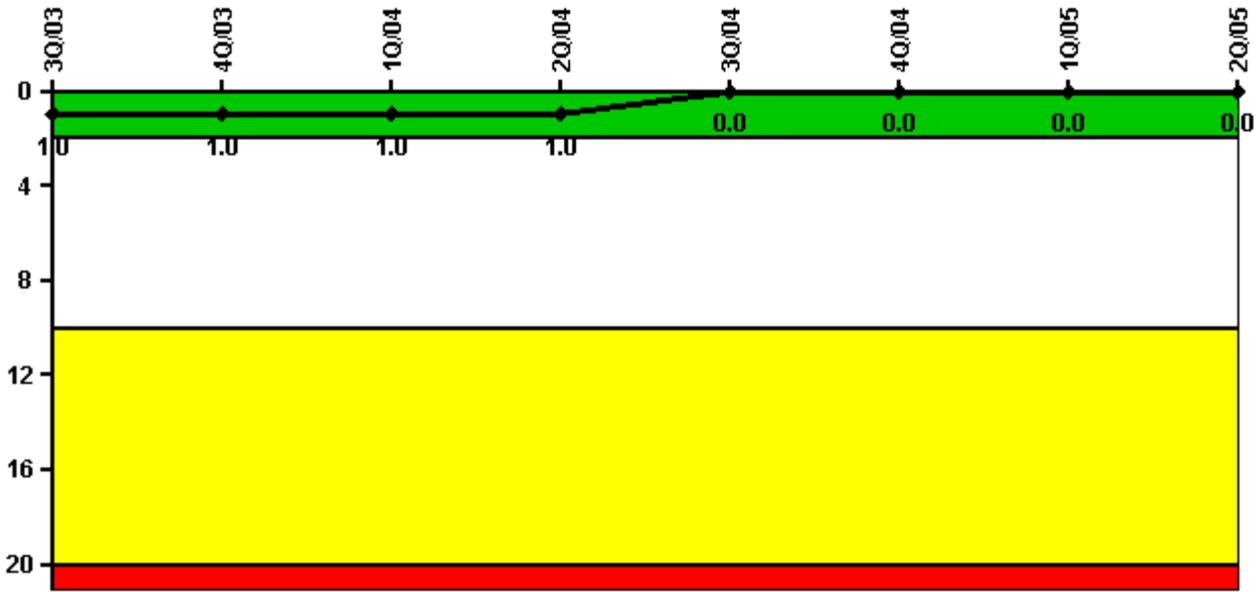
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	1.0	0	1.0	0	1.0	0	0	0
Critical hours	1626.5	1752.4	2148.3	2183.0	2163.3	2209.0	1281.9	2183.0
Indicator value	1.7	1.8	1.8	1.8	1.7	1.6	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



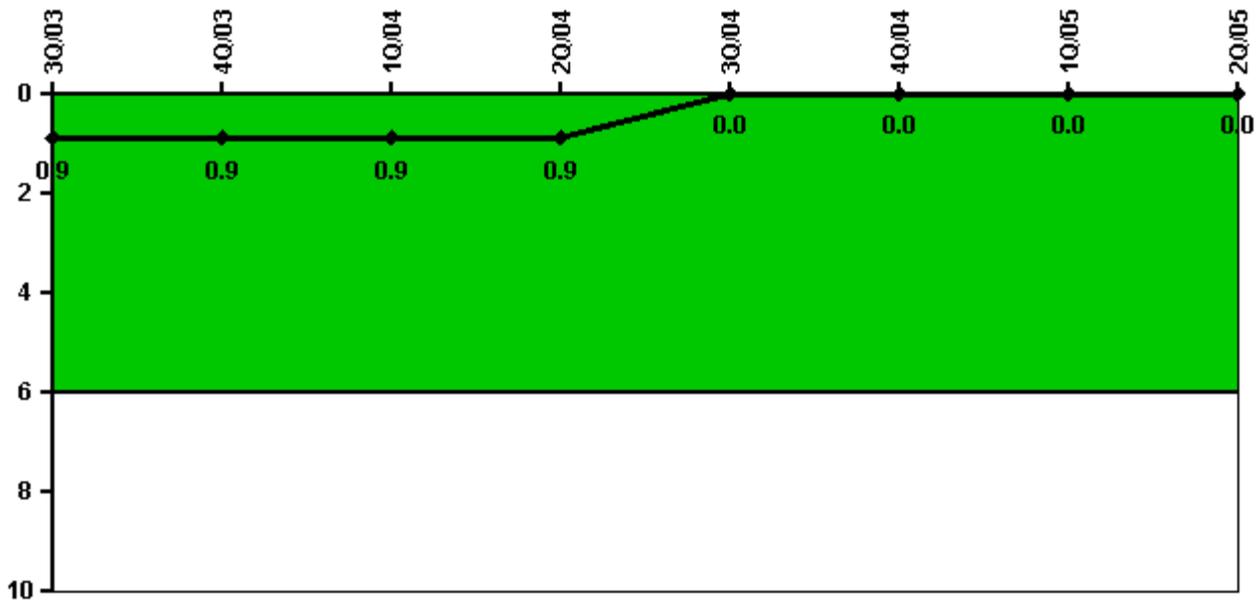
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



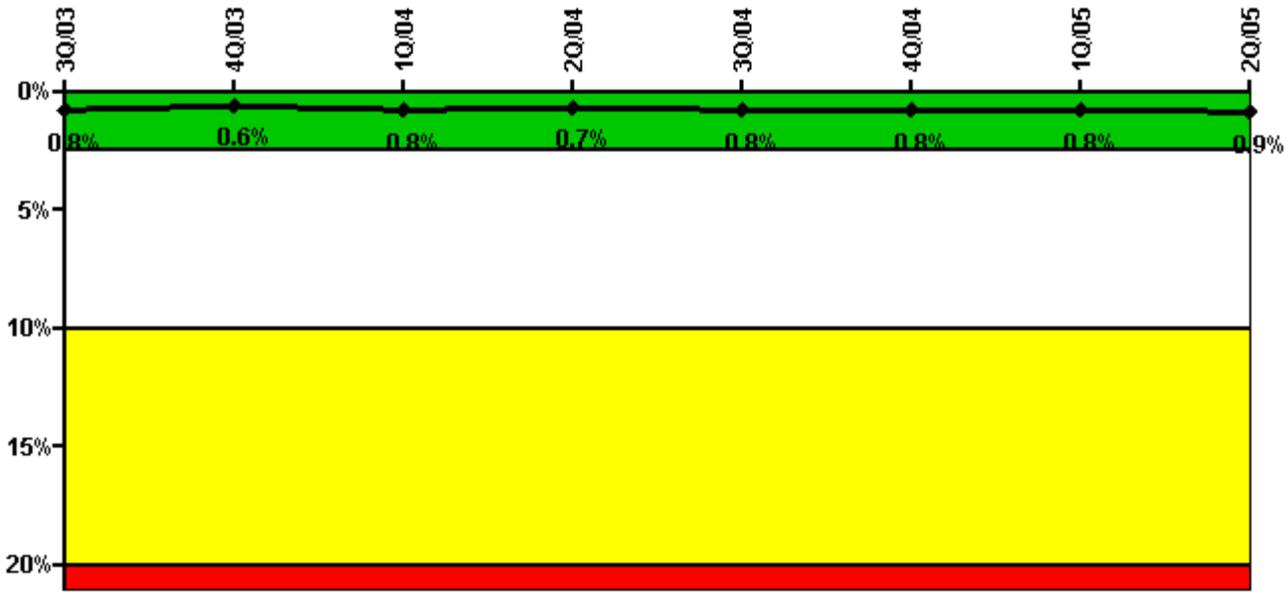
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1626.5	1752.4	2148.3	2183.0	2163.3	2209.0	1281.9	2183.0
Indicator value	0.9	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

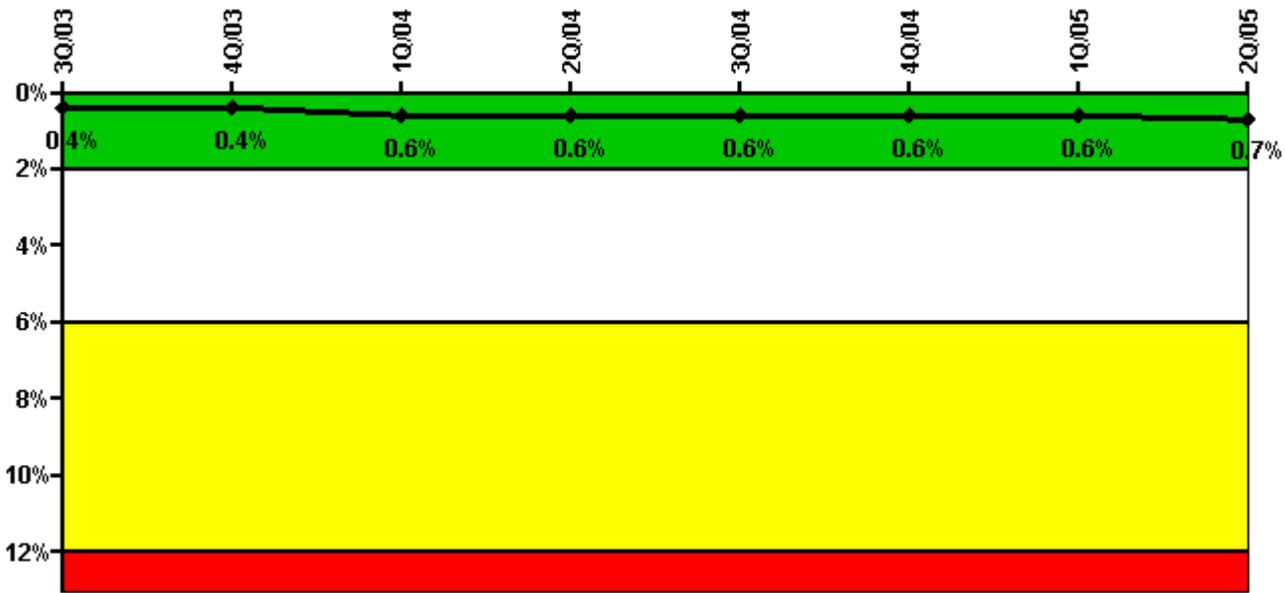
Notes

Safety System Unavailability, Emergency AC Power, >2EDG	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	7.38	0.99	47.98	3.42	25.94	4.15	1.75	62.65
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	6.05	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2143.25	1987.25	2184.00	2183.00	2208.00	2209.00	1785.63	2183.00
Train 2								
Planned unavailable hours	5.87	11.20	146.23	2.31	37.68	8.22	0.82	1.64
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	1740.92	2176.87	2184.00	2183.00	2208.00	2209.00	1800.08	2183.00
Train 3								
Planned unavailable hours	1.90	1.11	32.32	3.39	30.57	20.75	1.17	64.99
Unplanned unavailable hours	12.10	0.58	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	2143.25	1987.25	2184.00	2183.00	2208.00	2209.00	1785.63	2183.00
Train 4								
Planned unavailable hours	0.97	0.65	30.73	1.12	20.58	0.60	0.72	16.79
Unplanned unavailable hours	0	0	0	26.88	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	1740.92	2176.87	2184.00	2183.00	2208.00	2209.00	1800.08	2183.00
Indicator value	0.8%	0.6%	0.8%	0.7%	0.8%	0.8%	0.8%	0.9%

Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1666.30	1806.20	2184.00	2183.00	2208.00	2209.00	1379.48	2183.00
Indicator value	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

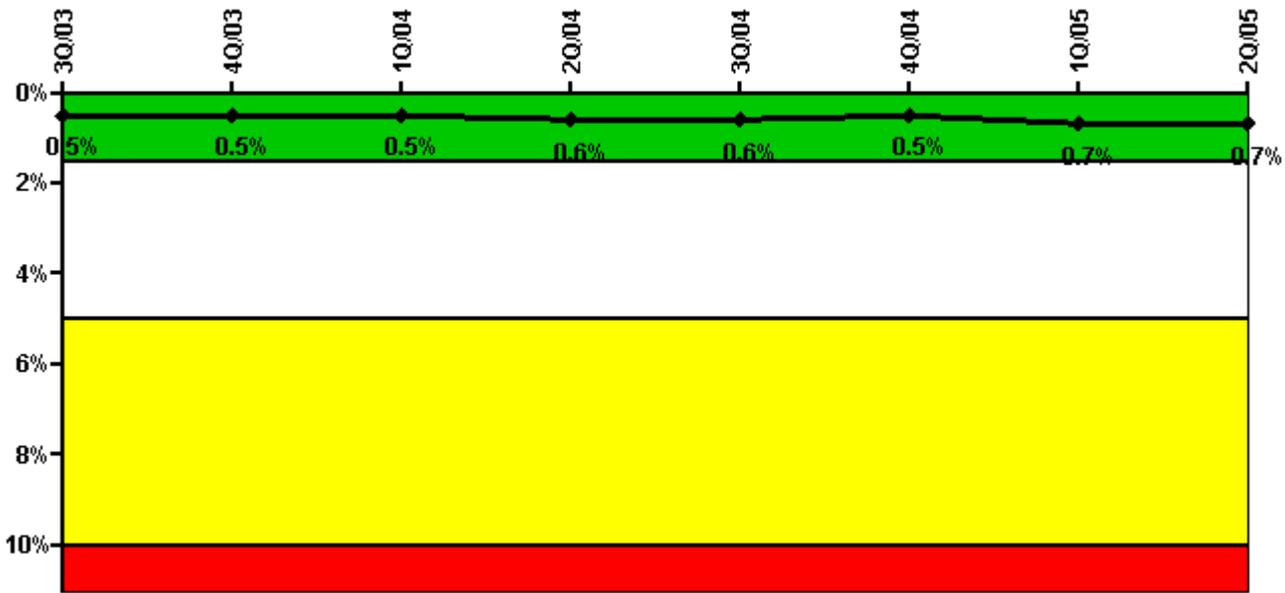
Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	2.08	3.45	4.10	6.78	3.55	18.23	2.93	13.17
Unplanned unavailable hours	0	0	30.18	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	1674.40	1825.20	2184.00	2183.00	2208.00	2209.00	1404.10	2183.00
Train 2								
Planned unavailable hours	2.55	9.65	11.92	3.07	6.18	6.23	0	27.40
Unplanned unavailable hours	0	0	0	0	0	0.17	0	12.55
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1674.40	1825.20	2184.00	2183.00	2208.00	2209.00	1404.10	2183.00
Train 3								
Planned unavailable hours	0.83	11.32	1.58	6.48	20.72	8.30	3.85	0.45
Unplanned unavailable hours	0	13.58	46.56	0	0	0	0	63.80

Fault exposure hours	0	15.17	55.62	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1666.30	1806.20	2184.00	2183.00	2208.00	2209.00	1379.50	2183.00
Indicator value	0.4%	0.4%	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



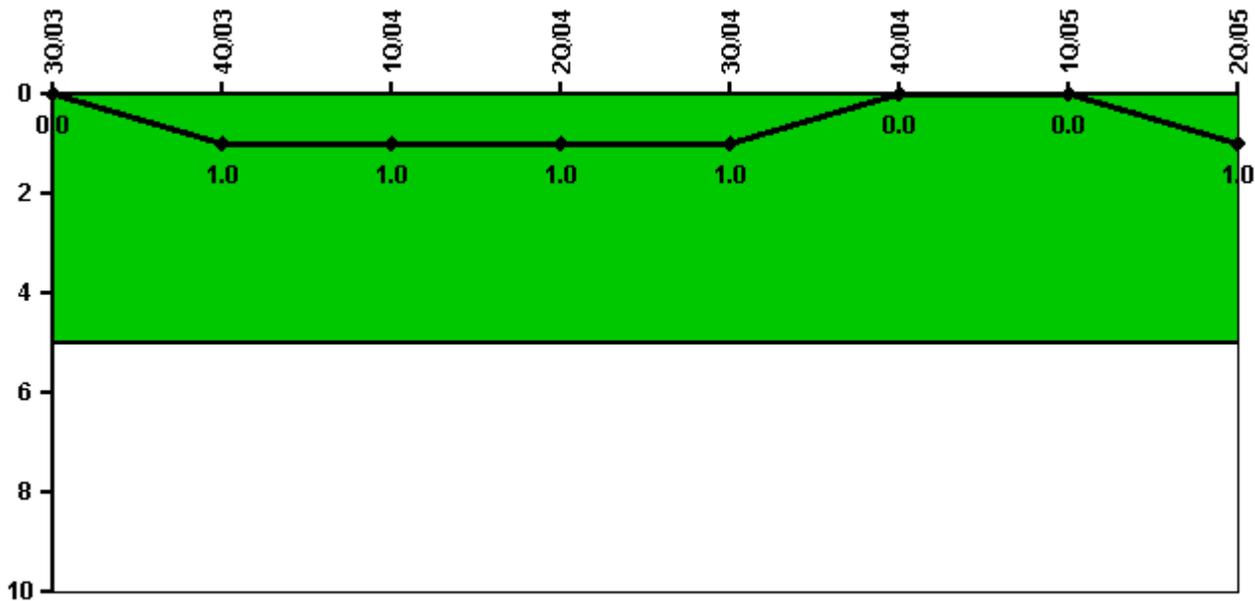
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	14.48	4.90	7.65	29.16	14.91	8.76	70.03	11.61
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	1926.30	2208.00	2184.00	2183.00	2208.00	2209.00	1840.70	2183.00
Train 2								
Planned unavailable hours	5.97	4.60	7.90	7.06	32.93	8.31	4.93	8.69
Unplanned unavailable hours	0.22	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	1926.30	2208.00	2184.00	2183.00	2208.00	2209.00	1876.00	2183.00
Indicator value	0.5%	0.5%	0.5%	0.6%	0.6%	0.5%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



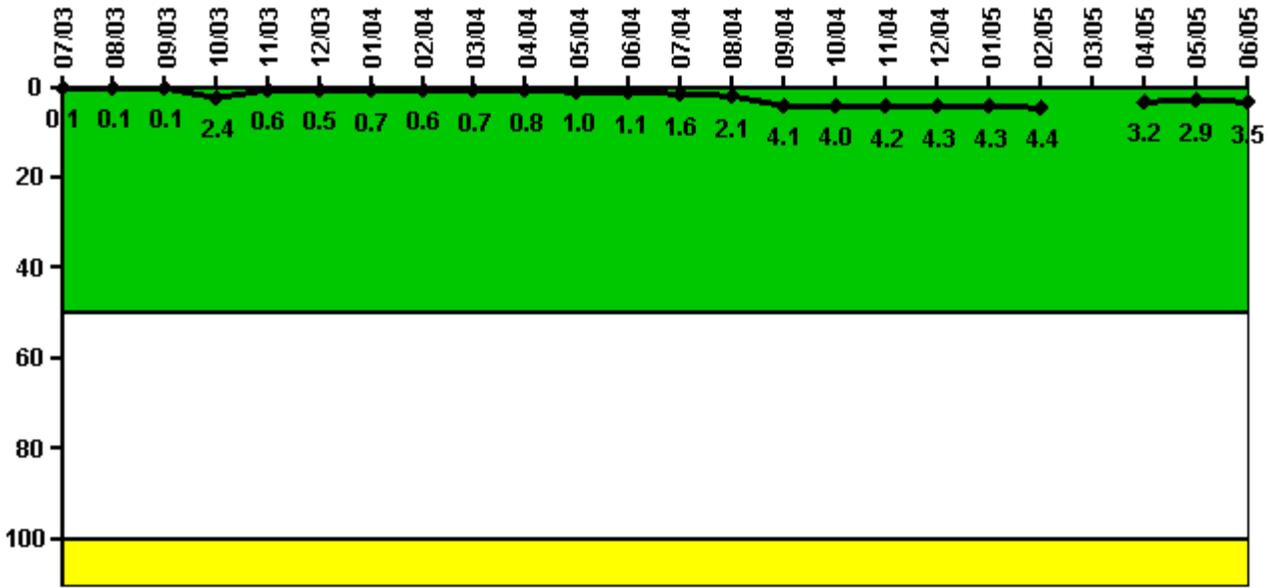
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Safety System Functional Failures	0	1	0	0	0	0	0	1
Indicator value	0	1	1	1	1	0	0	1

Licensee Comments: none

Reactor Coolant System Activity



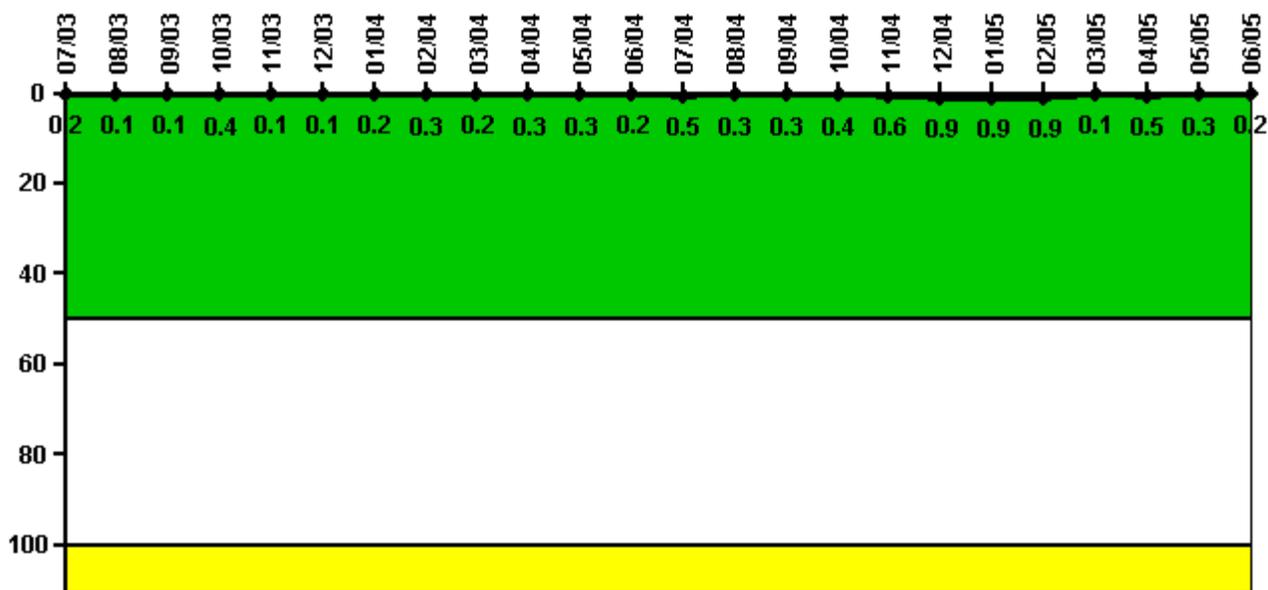
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.000175	0.000179	0.000242	0.006284	0.001529	0.001340	0.001790	0.001710	0.001880	0.002067	0.002710	0.002923
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	0.1	0.1	0.1	2.4	0.6	0.5	0.7	0.6	0.7	0.8	1.0	1.1
Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.004270	0.005670	0.010900	0.010550	0.011000	0.011300	0.011510	0.011750	N/A	0.008404	0.007575	0.009344
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	1.6	2.1	4.1	4.0	4.2	4.3	4.3	4.4	N/A	3.2	2.9	3.5

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

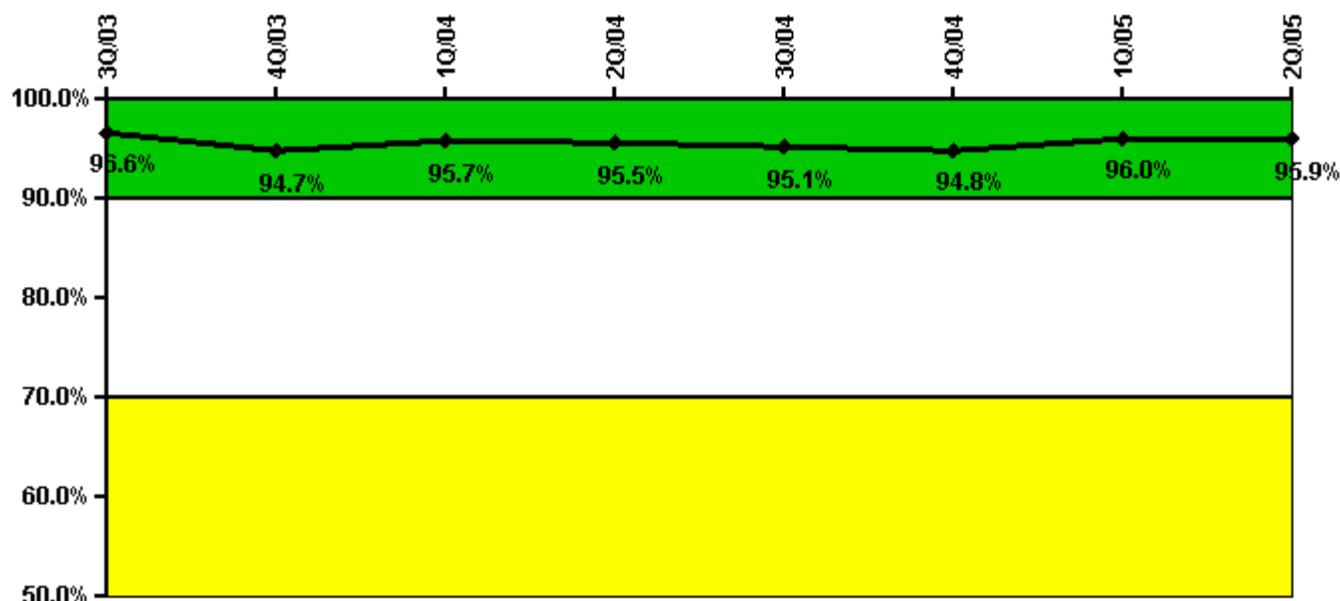
Notes

Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.020	0.010	0.010	0.040	0.010	0.010	0.020	0.030	0.020	0.030	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	0.2	0.1	0.1	0.4	0.1	0.1	0.2	0.3	0.2	0.3	0.3	0.2

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

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

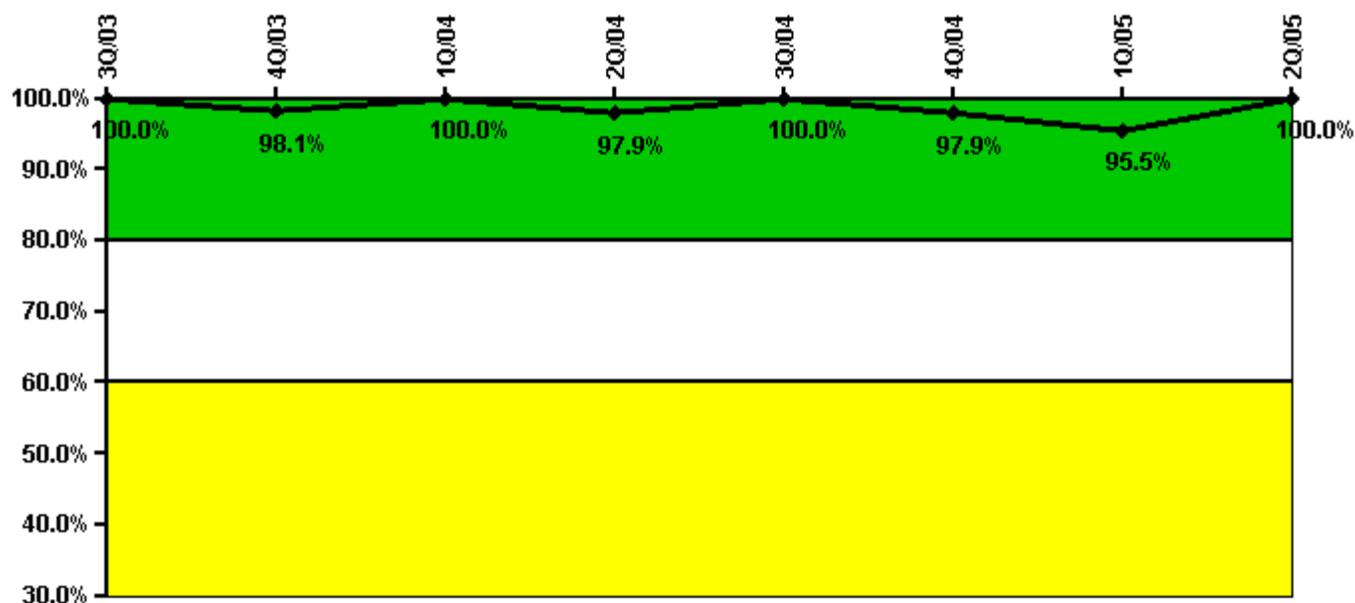
Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	47.0	23.0	34.0	0	11.0	54.0	16.0	4.0
Total opportunities	49.0	26.0	34.0	0	12.0	56.0	16.0	4.0
Indicator value	96.6%	94.7%	95.7%	95.5%	95.1%	94.8%	96.0%	95.9%

Licensee Comments:

1Q/05: First Quarter 2005 (Feb 2005) - While preparing April 2005 Emergency Preparedness PI information, two errors were found in the months of Dec. 04 and Feb. 05. The errors were on the conservative side noting only 1/2 of the actual successful drill, exercise and event opportunities and 1/2 of the total drill, exercise and event opportunities. This change does not affect the color of the indicator.

4Q/04: Fourth Quarter 2004 (Dec 2004) - While preparing April 2005 Emergency Preparedness PI information, two errors were found in the months of Dec. 04 and Feb. 05. The errors were on the conservative side noting only 1/2 of the actual successful drill, exercise and event opportunities and 1/2 of the total drill, exercise and event opportunities. This change does not affect the color of the indicator.

ERO Drill Participation



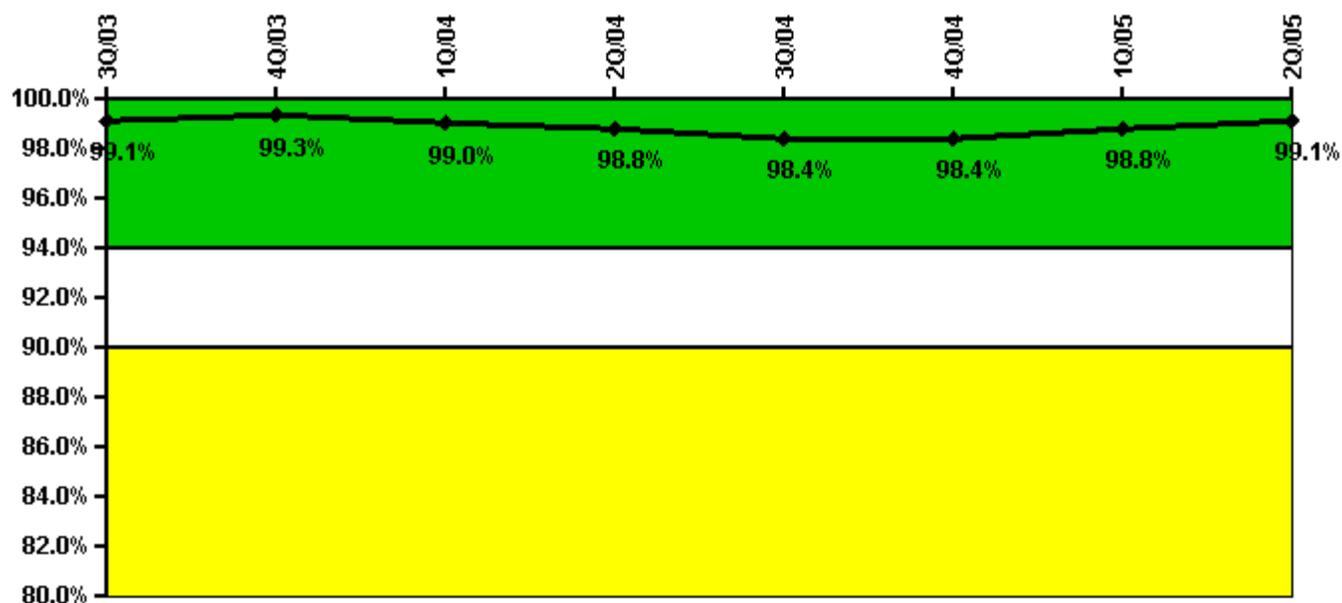
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	55.0	52.0	50.0	47.0	47.0	47.0	63.0	67.0
Total Key personnel	55.0	53.0	50.0	48.0	47.0	48.0	66.0	67.0
Indicator value	100.0%	98.1%	100.0%	97.9%	100.0%	97.9%	95.5%	100.0%

Licensee Comments: none

Alert & Notification System



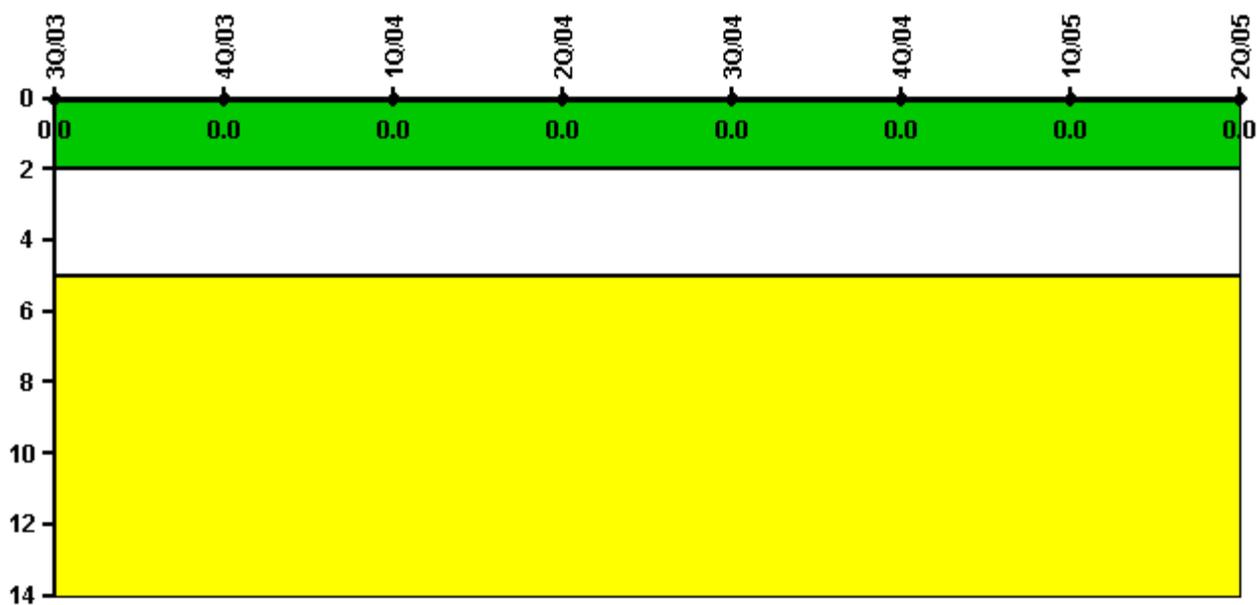
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	786	886	677	976	676	885	690	988
Total sirens-tests	792	891	693	990	693	891	693	990
Indicator value	99.1%	99.3%	99.0%	98.8%	98.4%	98.4%	98.8%	99.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness



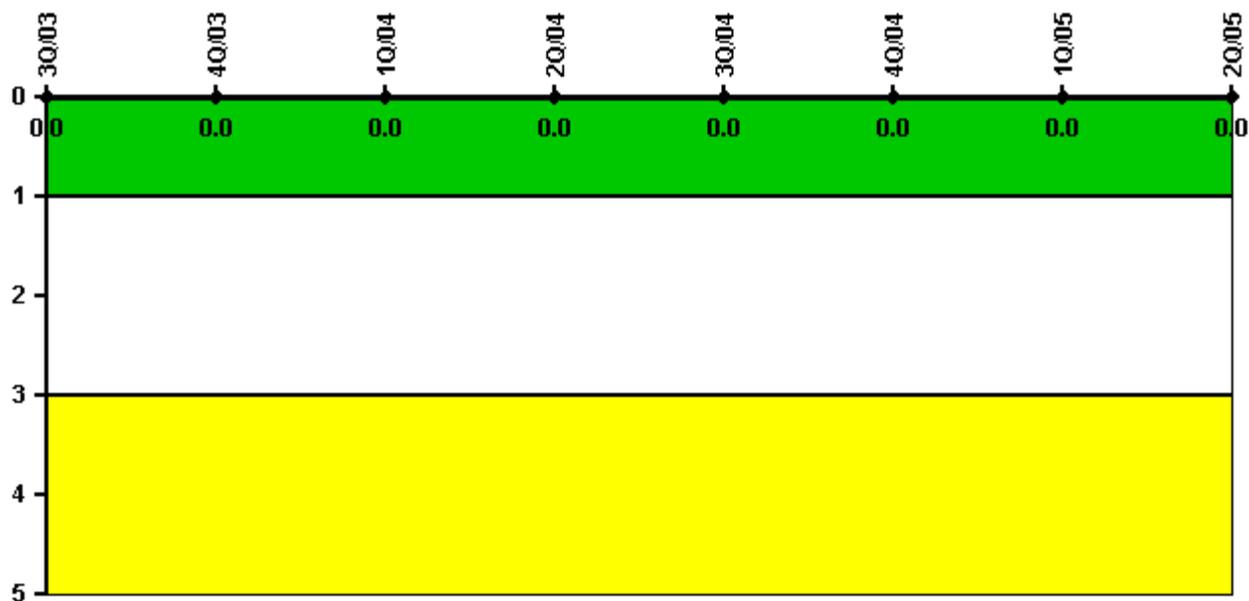
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
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							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
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: August 3, 2005