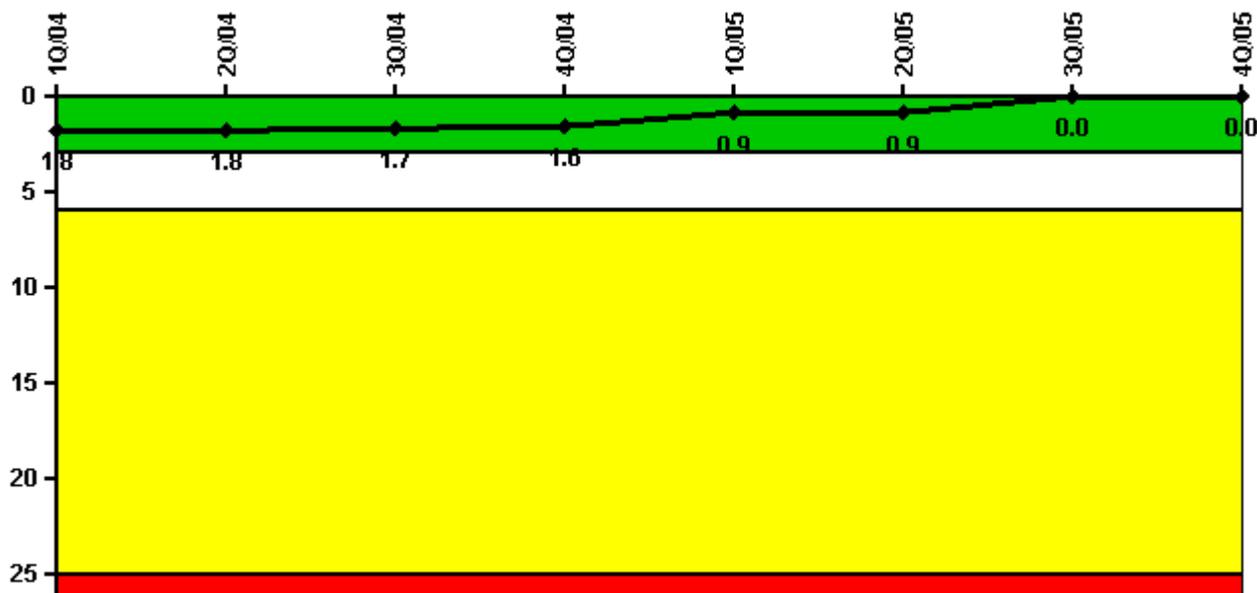


Watts Bar 1

4Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



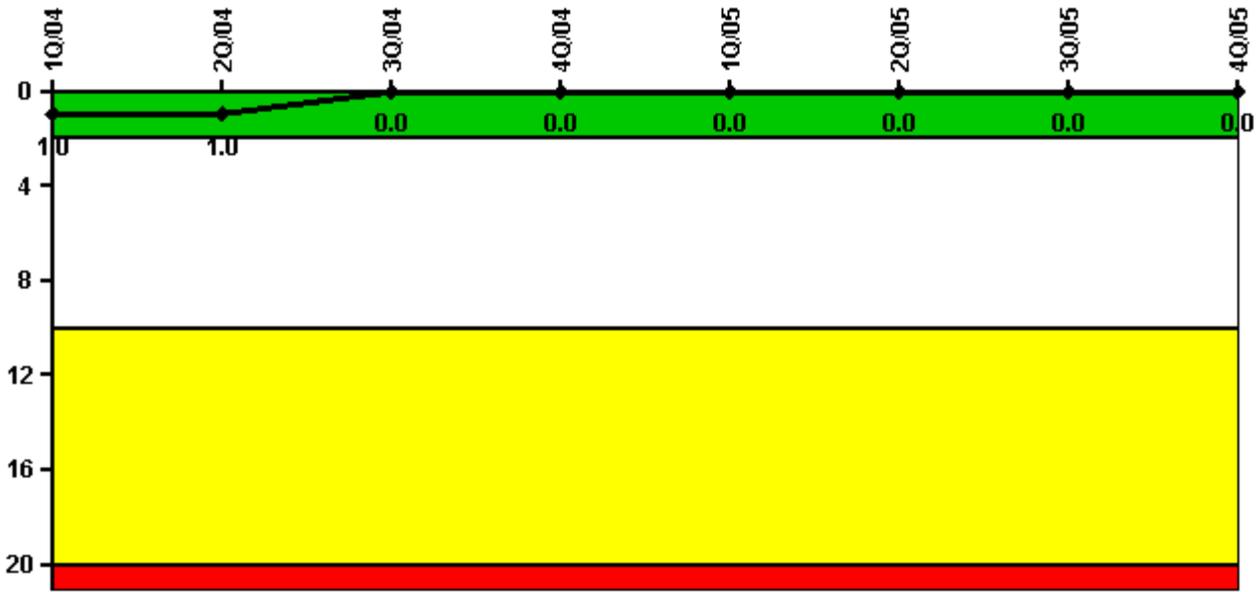
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned scrams	1.0	0	1.0	0	0	0	0	0
Critical hours	2148.3	2183.0	2163.3	2209.0	1281.9	2183.0	2208.0	2209.0
Indicator value	1.8	1.8	1.7	1.6	0.9	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



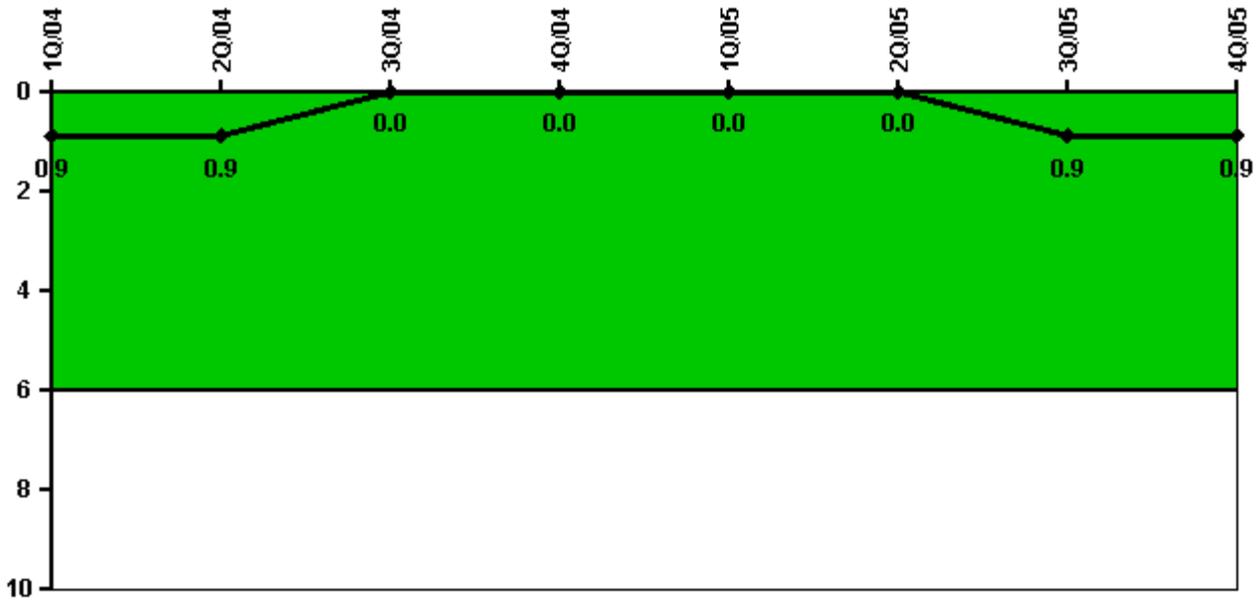
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



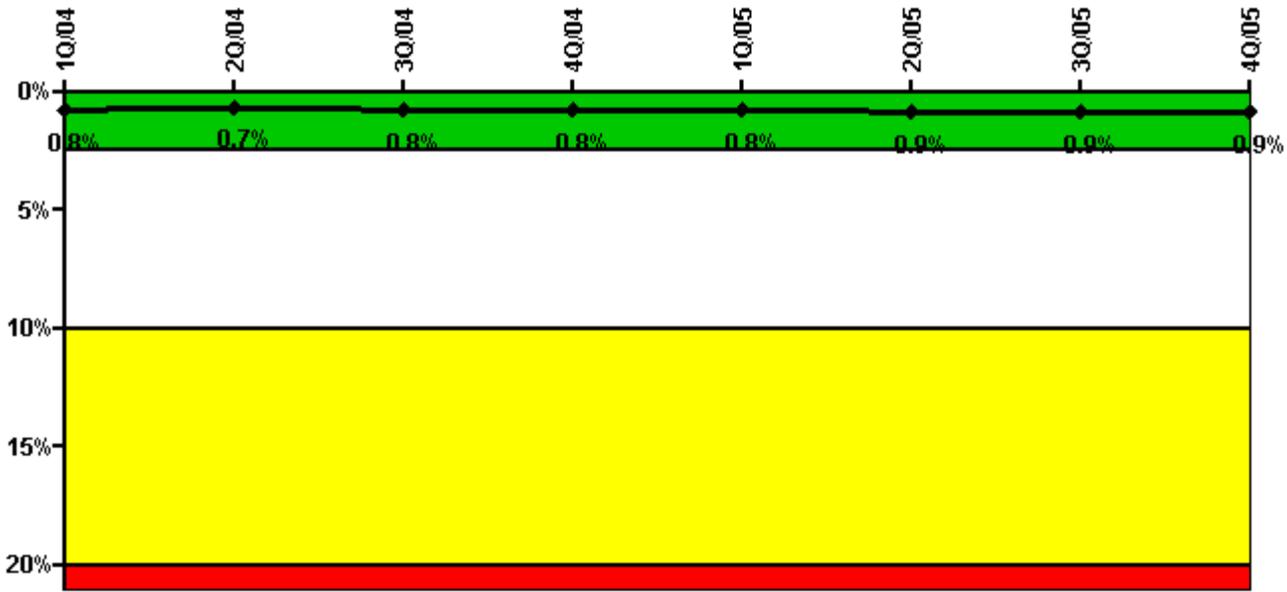
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2148.3	2183.0	2163.3	2209.0	1281.9	2183.0	2208.0	2209.0
Indicator value	0.9	0.9	0	0	0	0	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

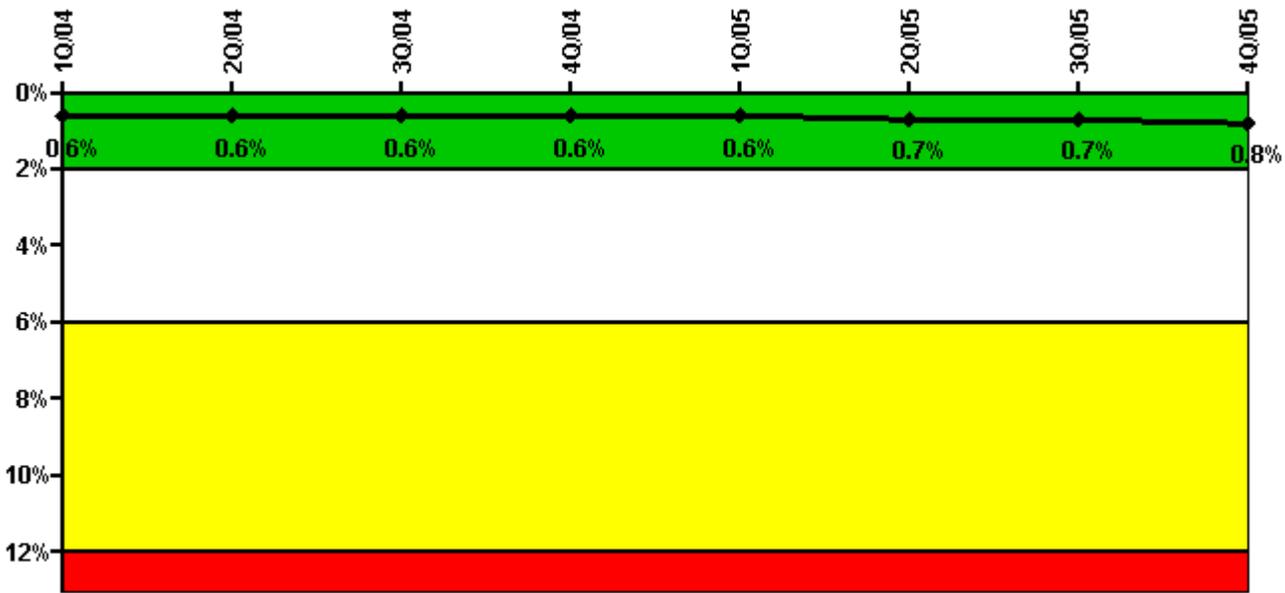
Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	47.98	3.42	25.94	4.15	1.75	62.65	1.41	0.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	6.05	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1785.63	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	146.23	2.31	37.68	8.22	0.82	1.64	1.30	1.79
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	2184.00	2183.00	2208.00	2209.00	1800.08	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	32.32	3.39	30.57	20.75	1.17	64.99	0.90	1.10
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	2184.00	2183.00	2208.00	2209.00	1785.63	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	30.73	1.12	20.58	0.60	0.72	16.79	1.30	0.89
Unplanned unavailable hours	0	26.88	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	2184.00	2183.00	2208.00	2209.00	1800.08	2183.00	2208.00	2209.00
Indicator value	0.8%	0.7%	0.8%	0.8%	0.8%	0.9%	0.9%	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	2184.00	2183.00	2208.00	2209.00	1379.48	2183.00	2208.00	2209.00
Indicator value	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

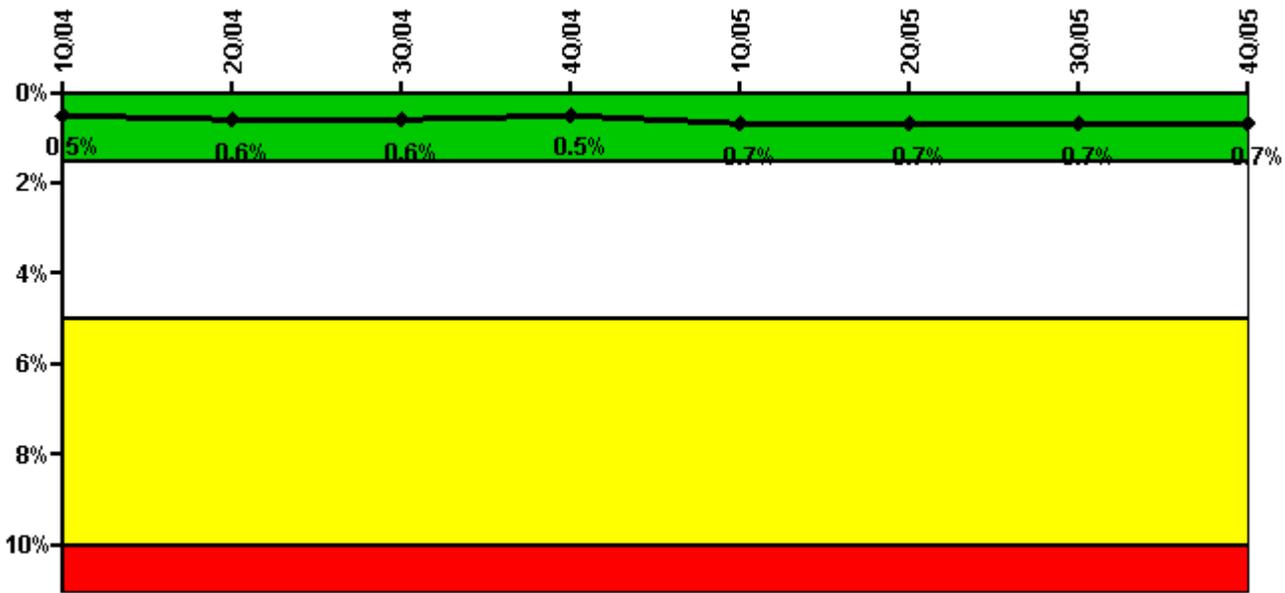
Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	4.10	6.78	3.55	18.23	2.93	13.17	7.70	16.65
Unplanned unavailable hours	30.18	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	2184.00	2183.00	2208.00	2209.00	1404.10	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	11.92	3.07	6.18	6.23	0	27.40	4.42	7.37
Unplanned unavailable hours	0	0	0	0.17	0	12.55	0	0.32
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1404.10	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	1.58	6.48	20.72	8.30	3.85	0.45	14.52	0.79
Unplanned unavailable hours	46.56	0	0	0	0	63.80	0	0

Fault exposure hours	55.62	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1379.50	2183.00	2208.00	2209.00
Indicator value	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.7%	0.8%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



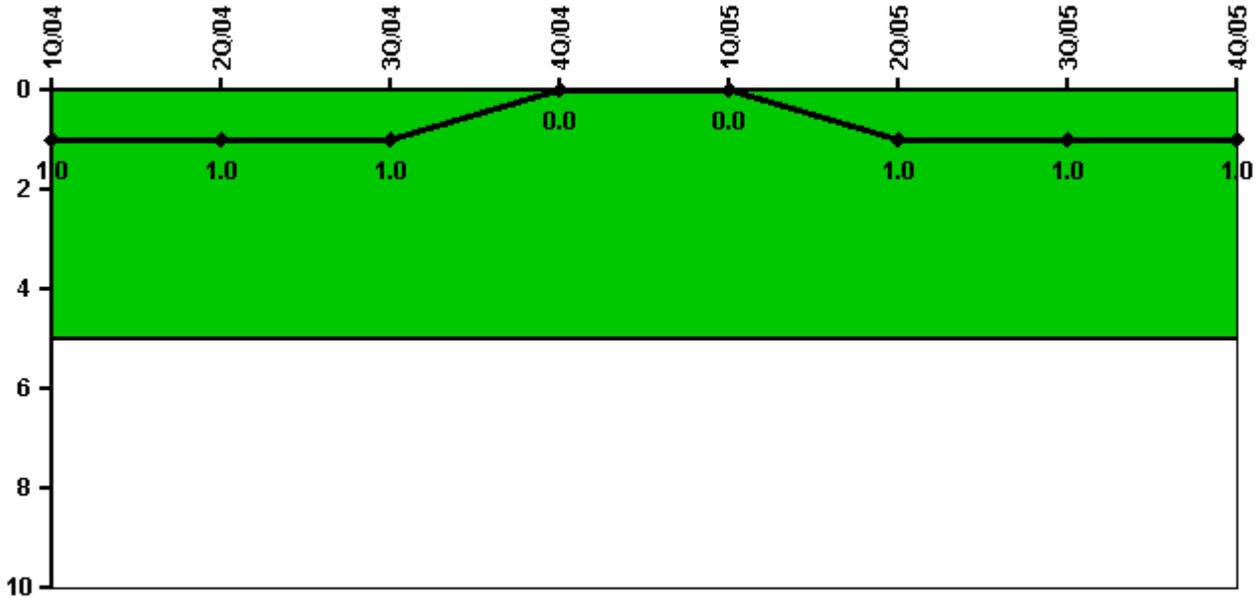
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	7.65	29.16	14.91	8.76	70.03	11.61	12.10	12.41
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	2184.00	2183.00	2208.00	2209.00	1840.70	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	7.90	7.06	32.93	8.31	4.93	8.69	4.06	31.45
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	2184.00	2183.00	2208.00	2209.00	1876.00	2183.00	2208.00	2209.00
Indicator value	0.5%	0.6%	0.6%	0.5%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



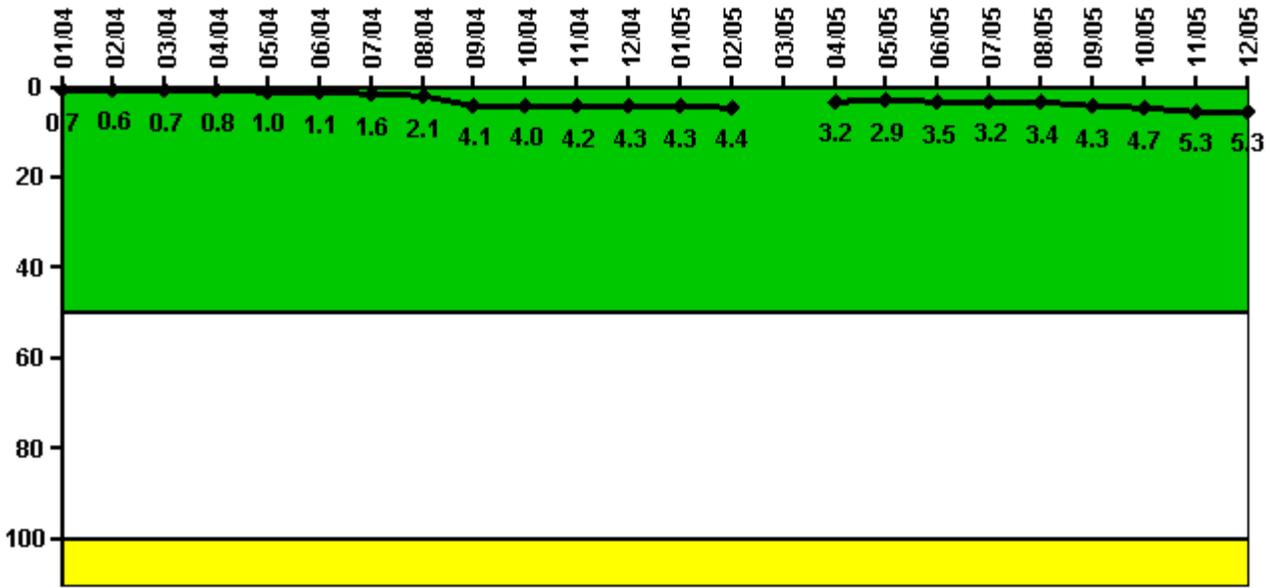
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



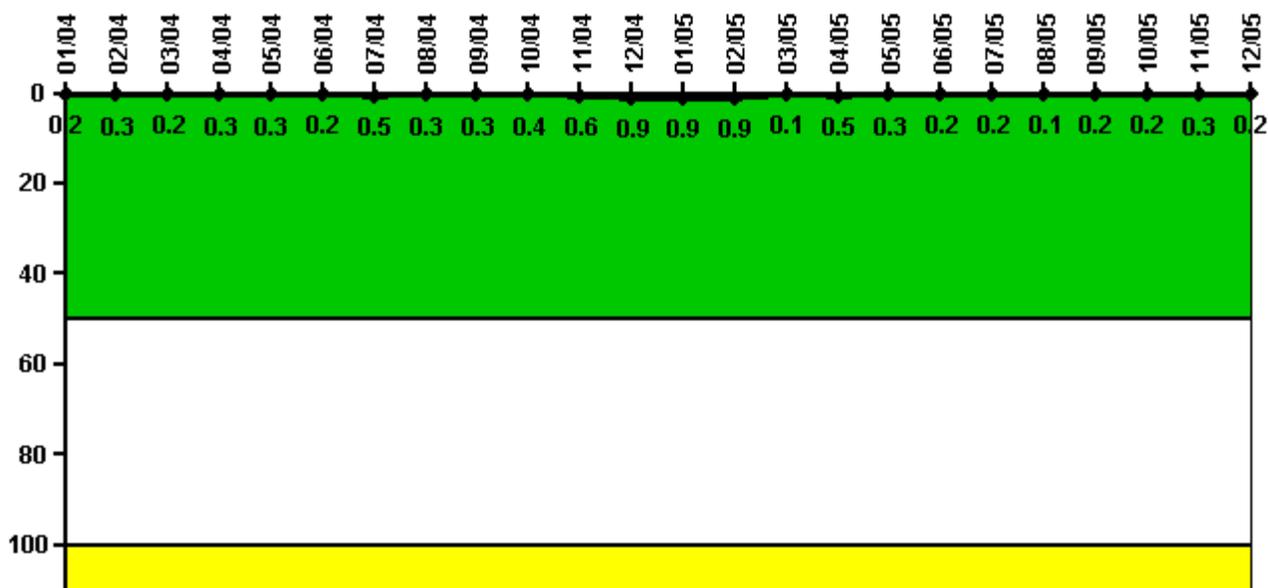
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum activity	0.001790	0.001710	0.001880	0.002067	0.002710	0.002923	0.004270	0.005670	0.010900	0.010550	0.011000	0.011300
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	0.7	0.6	0.7	0.8	1.0	1.1	1.6	2.1	4.1	4.0	4.2	4.3
Reactor Coolant System Activity	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum activity	0.011510	0.011750	N/A	0.008404	0.007575	0.009344	0.008591	0.008921	0.011280	0.012540	0.013960	0.014030
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	4.3	4.4	N/A	3.2	2.9	3.5	3.2	3.4	4.3	4.7	5.3	5.3

Licensee Comments: none

Reactor Coolant System Leakage



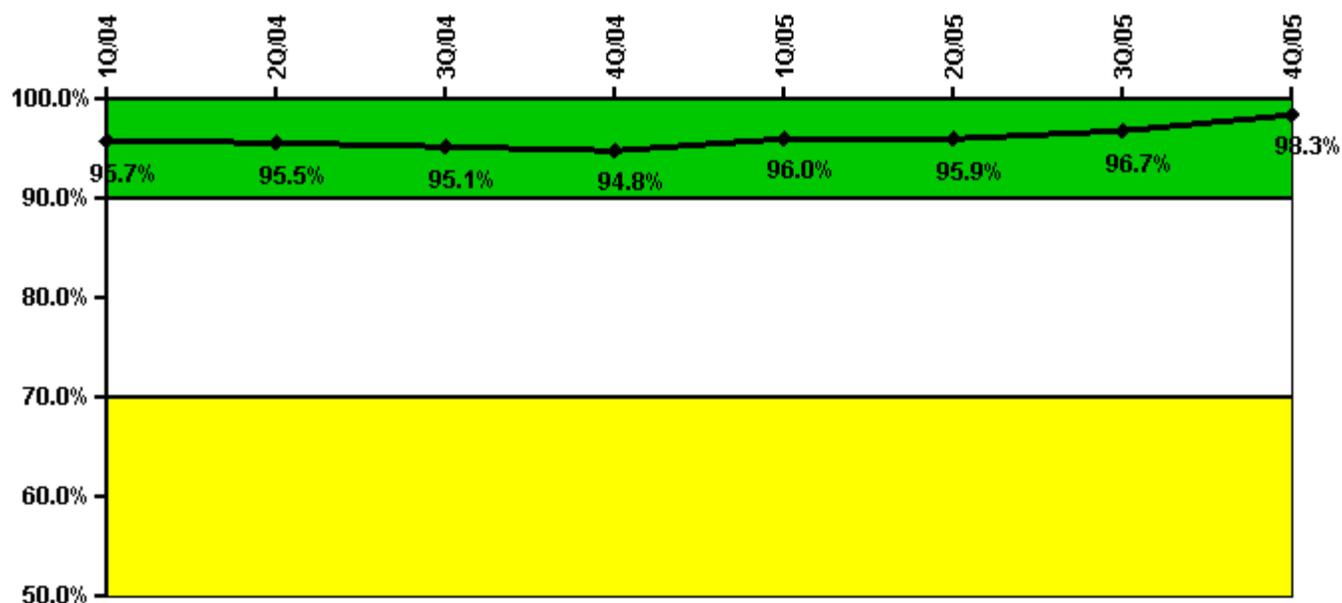
Thresholds: White > 50.0 Yellow > 100.0

Notes

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

Licensee Comments: none

Drill/Exercise Performance



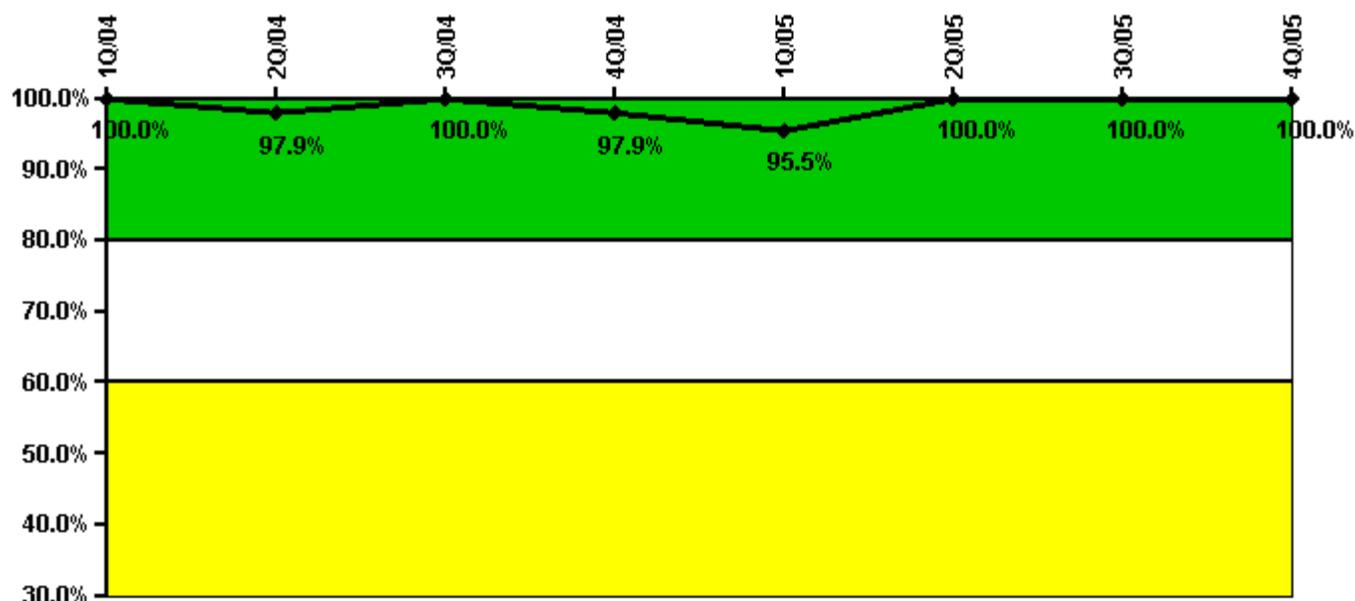
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful opportunities	34.0	0	11.0	54.0	16.0	4.0	32.0	26.0
Total opportunities	34.0	0	12.0	56.0	16.0	4.0	32.0	26.0
Indicator value	95.7%	95.5%	95.1%	94.8%	96.0%	95.9%	96.7%	98.3%

Licensee Comments: none

ERO Drill Participation



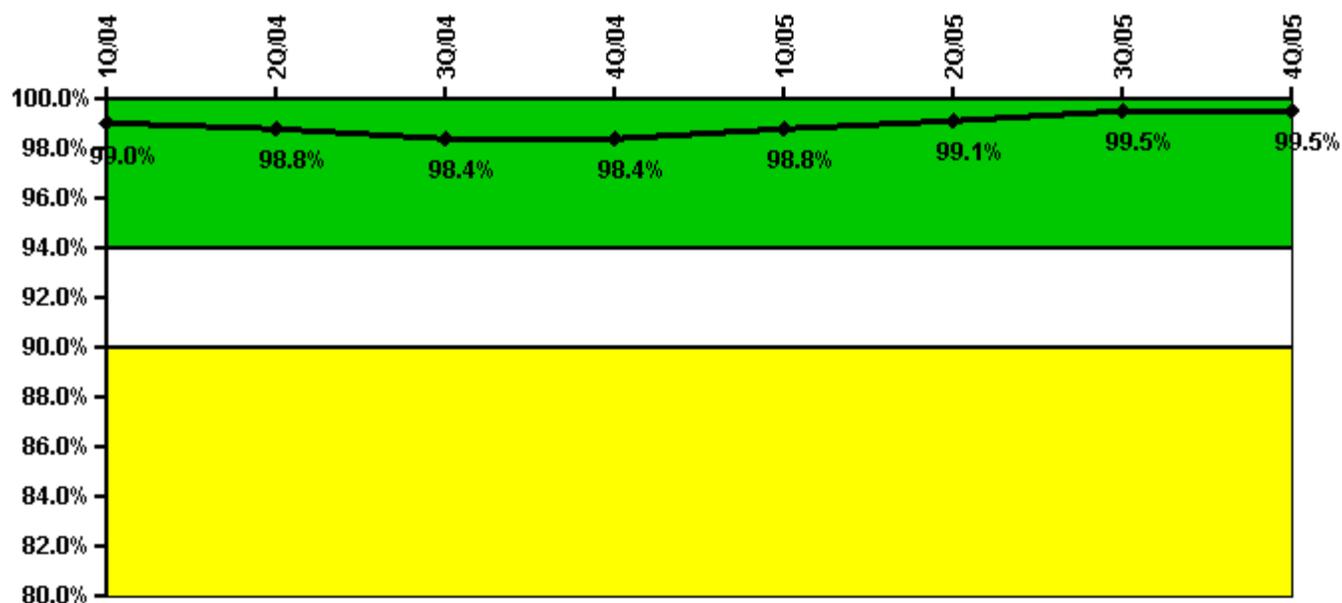
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Participating Key personnel	50.0	47.0	47.0	47.0	63.0	69.0	72.0	70.0
Total Key personnel	50.0	48.0	47.0	48.0	66.0	69.0	72.0	70.0
Indicator value	100.0%	97.9%	100.0%	97.9%	95.5%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



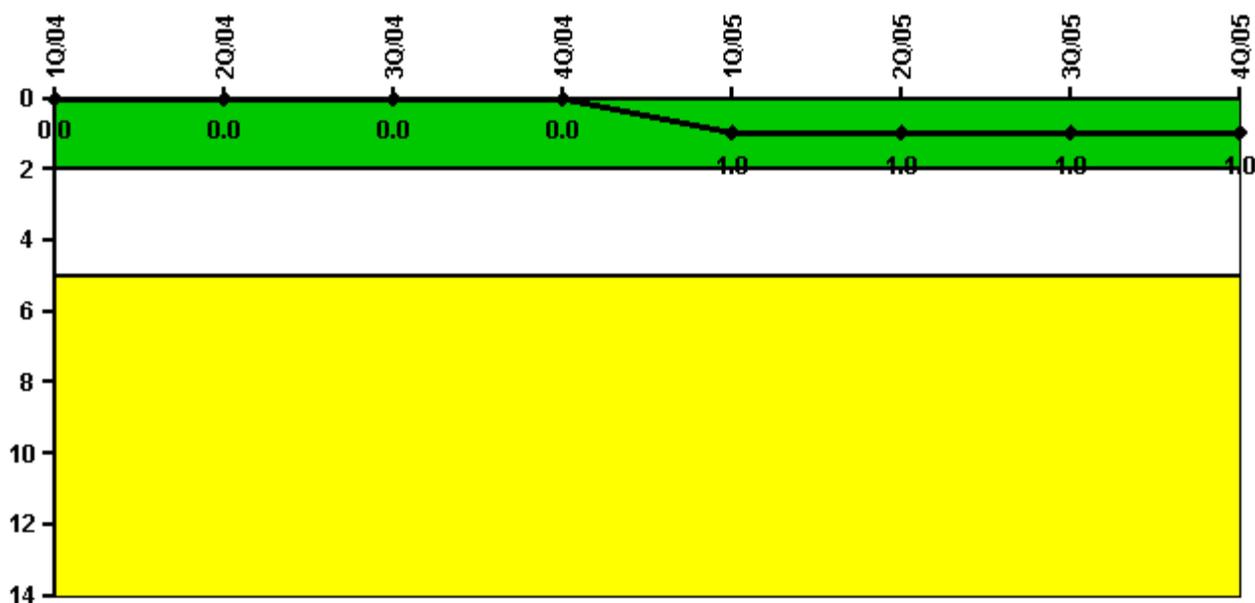
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful siren-tests	677	976	676	885	690	988	787	787
Total sirens-tests	693	990	693	891	693	990	792	792
Indicator value	99.0%	98.8%	98.4%	98.4%	98.8%	99.1%	99.5%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

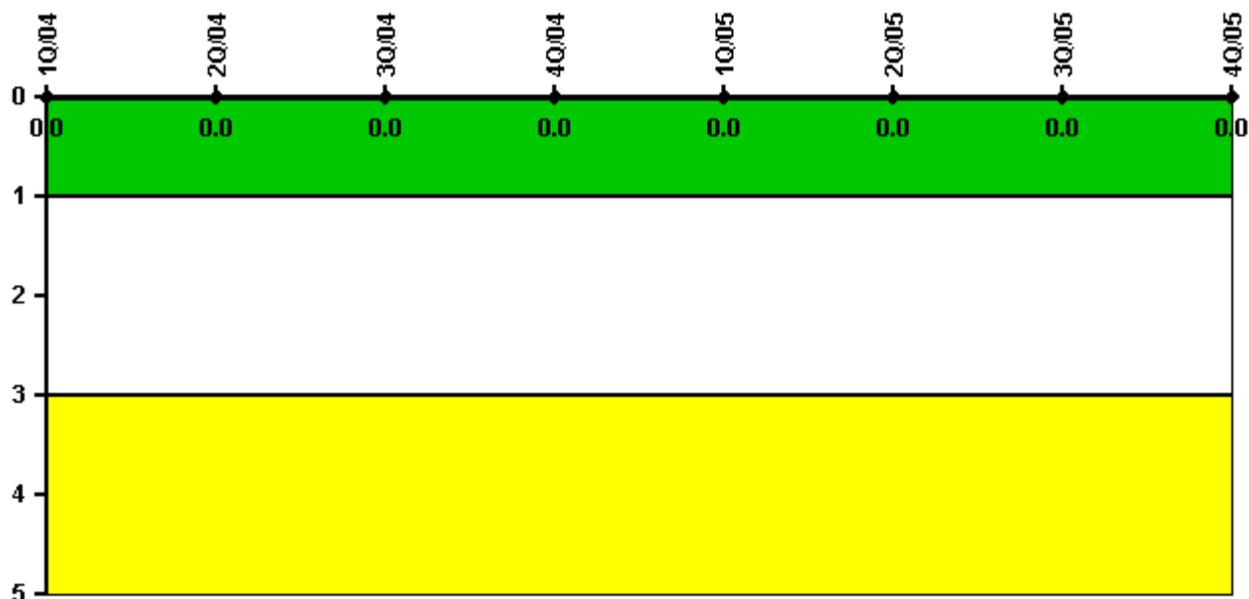
Notes

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

Licensee Comments:

1Q/05: Change for 1Q CY2005 (March 2005) - Performance Indicator is being revised for 1Q CY2005 (March 2005) for unintended exposure occurrences. After re-reviewing of an event that occurred on 3/18/05 during the last Watts Bar refueling outage (RFO6) while setting the reactor head, the determination has been made to characterize that event as an unintended exposure. This change does not affect the color of the indicator.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/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.