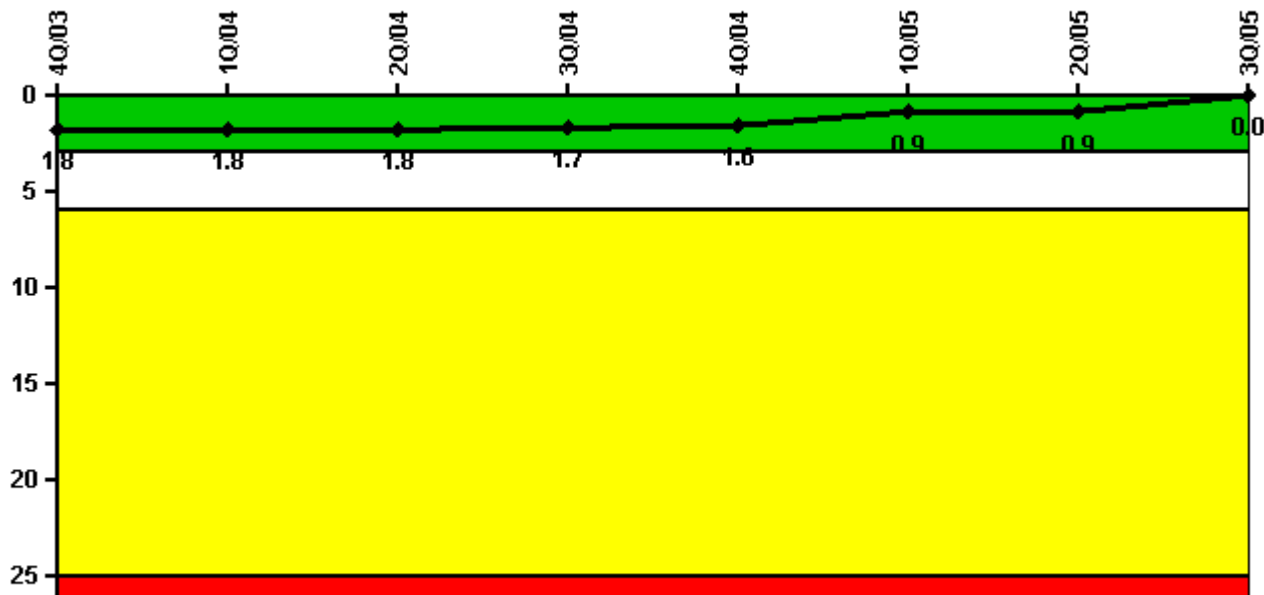


Watts Bar 1

3Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



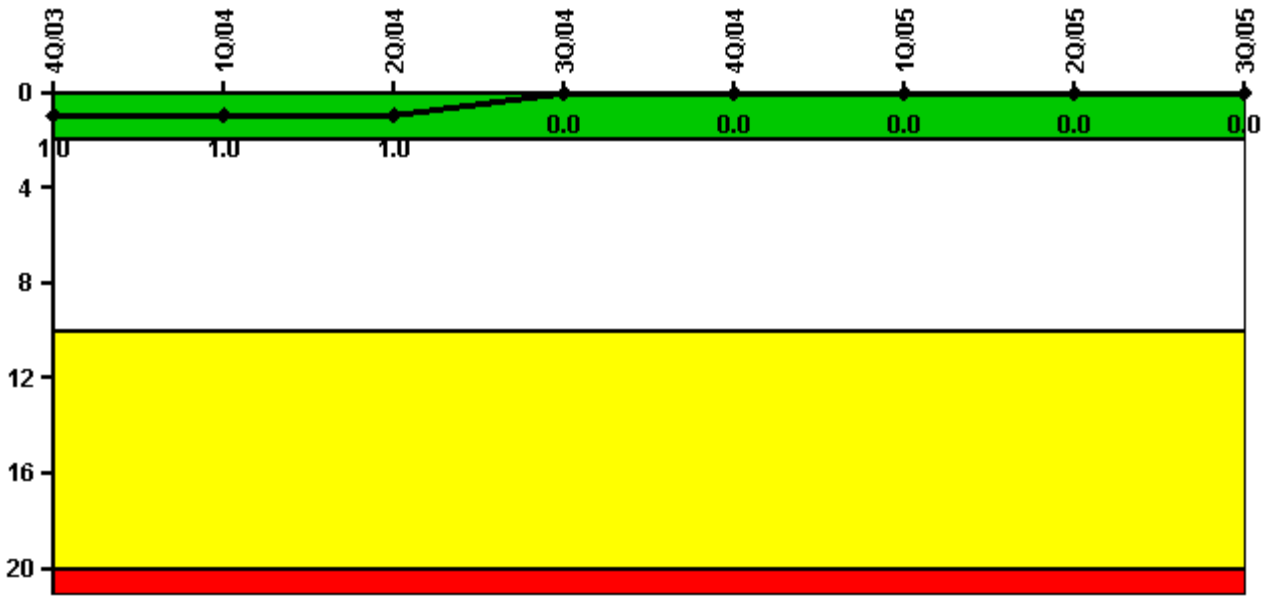
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned scrams	0	1.0	0	1.0	0	0	0	0
Critical hours	1752.4	2148.3	2183.0	2163.3	2209.0	1281.9	2183.0	2208.0
Indicator value	1.8	1.8	1.8	1.7	1.6	0.9	0.9	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



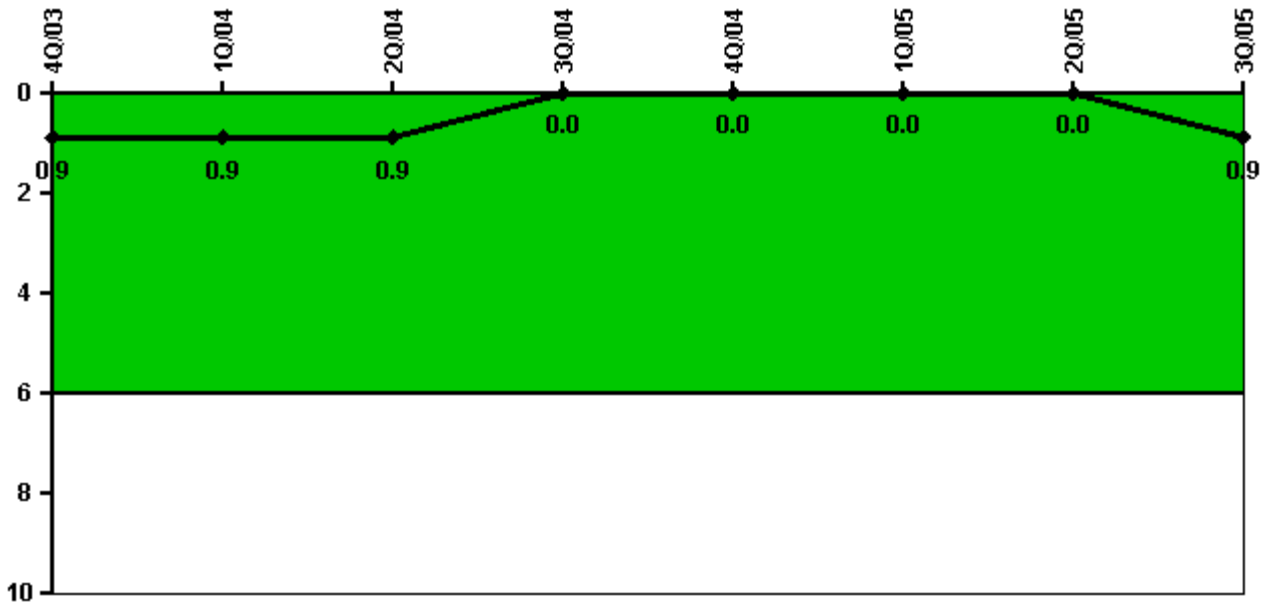
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



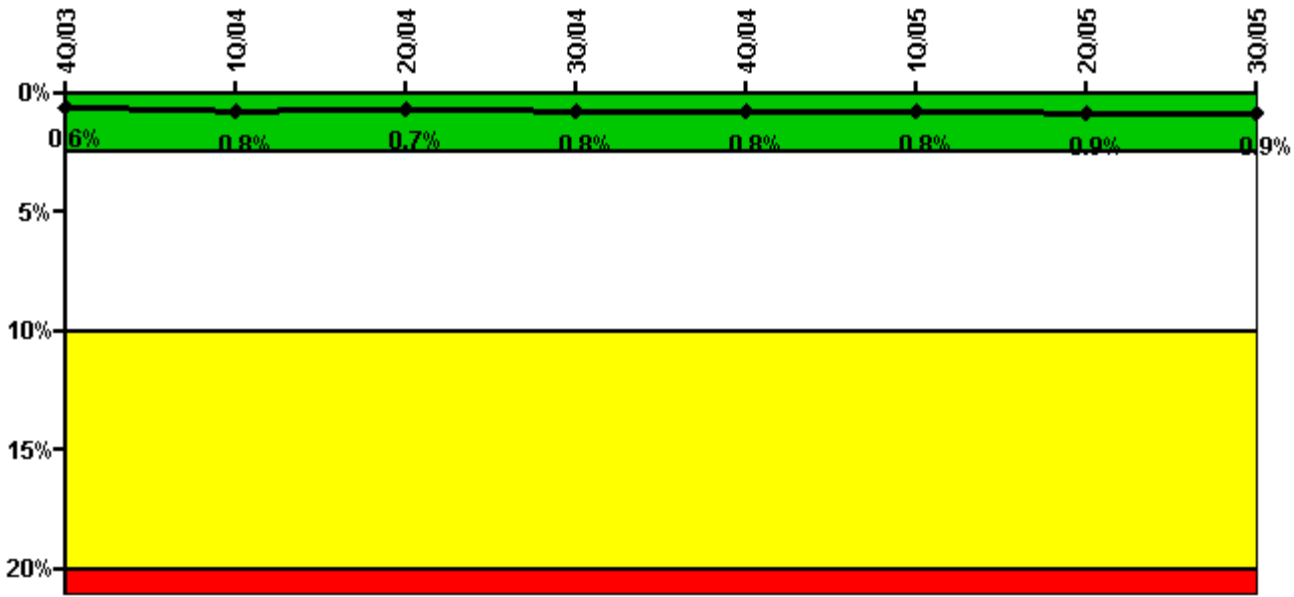
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	1752.4	2148.3	2183.0	2163.3	2209.0	1281.9	2183.0	2208.0
Indicator value	0.9	0.9	0.9	0	0	0	0	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



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

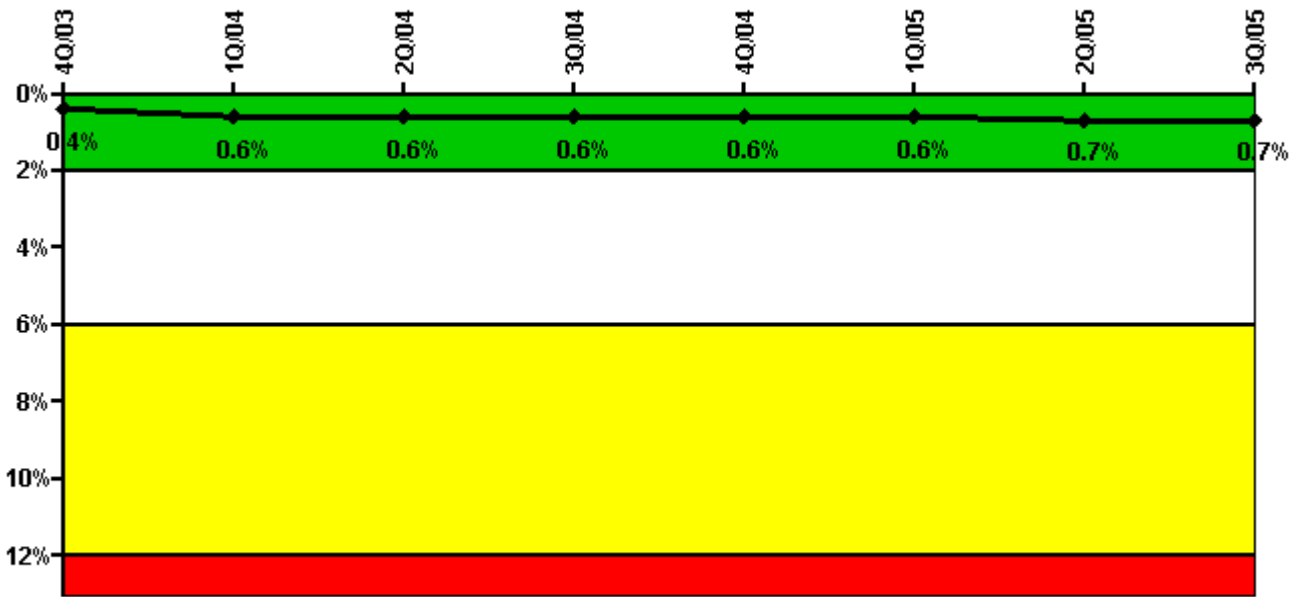
Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	0.99	47.98	3.42	25.94	4.15	1.75	62.65	1.41
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	6.05	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1987.25	2184.00	2183.00	2208.00	2209.00	1785.63	2183.00	2208.00
Train 2								
Planned unavailable hours	11.20	146.23	2.31	37.68	8.22	0.82	1.64	1.30
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	2176.87	2184.00	2183.00	2208.00	2209.00	1800.08	2183.00	2208.00
Train 3								
Planned unavailable hours	1.11	32.32	3.39	30.57	20.75	1.17	64.99	0.90
Unplanned unavailable hours	0.58	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	1987.25	2184.00	2183.00	2208.00	2209.00	1785.63	2183.00	2208.00
Train 4								
Planned unavailable hours	0.65	30.73	1.12	20.58	0.60	0.72	16.79	1.30
Unplanned unavailable hours	0	0	26.88	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	2176.87	2184.00	2183.00	2208.00	2209.00	1800.08	2183.00	2208.00
Indicator value	0.6%	0.8%	0.7%	0.8%	0.8%	0.8%	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	1806.20	2184.00	2183.00	2208.00	2209.00	1379.48	2183.00	2208.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

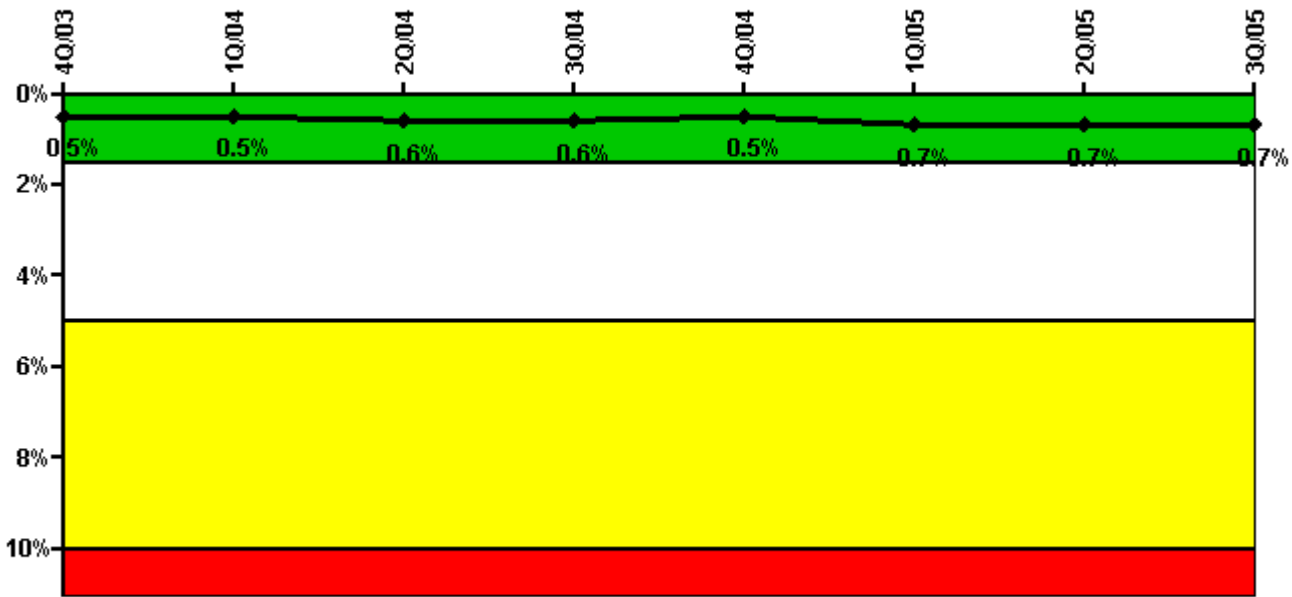
Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	3.45	4.10	6.78	3.55	18.23	2.93	13.17	7.70
Unplanned unavailable hours	0	30.18	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	1825.20	2184.00	2183.00	2208.00	2209.00	1404.10	2183.00	2208.00
Train 2								
Planned unavailable hours	9.65	11.92	3.07	6.18	6.23	0	27.40	4.42
Unplanned unavailable hours	0	0	0	0	0.17	0	12.55	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	1825.20	2184.00	2183.00	2208.00	2209.00	1404.10	2183.00	2208.00
Train 3								
Planned unavailable hours	11.32	1.58	6.48	20.72	8.30	3.85	0.45	14.52
Unplanned unavailable hours	13.58	46.56	0	0	0	0	63.80	0

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

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



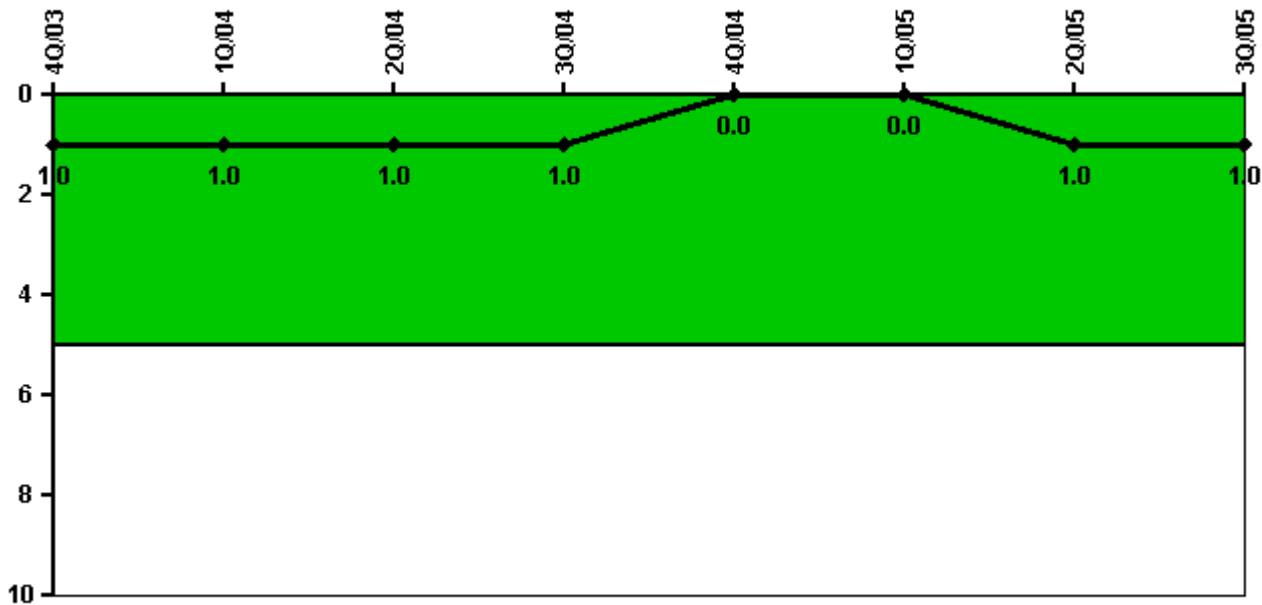
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	4.90	7.65	29.16	14.91	8.76	70.03	11.61	12.10
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	2208.00	2184.00	2183.00	2208.00	2209.00	1840.70	2183.00	2208.00
Train 2								
Planned unavailable hours	4.60	7.90	7.06	32.93	8.31	4.93	8.69	4.06
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	2208.00	2184.00	2183.00	2208.00	2209.00	1876.00	2183.00	2208.00
Indicator value	0.5%	0.5%	0.6%	0.6%	0.5%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



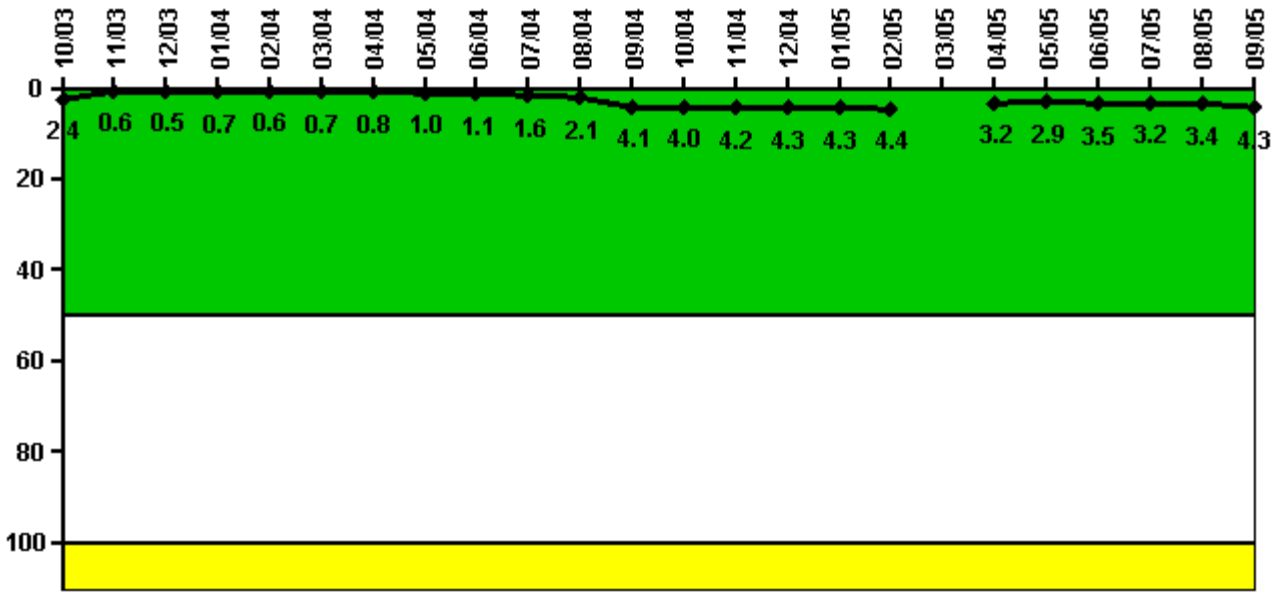
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



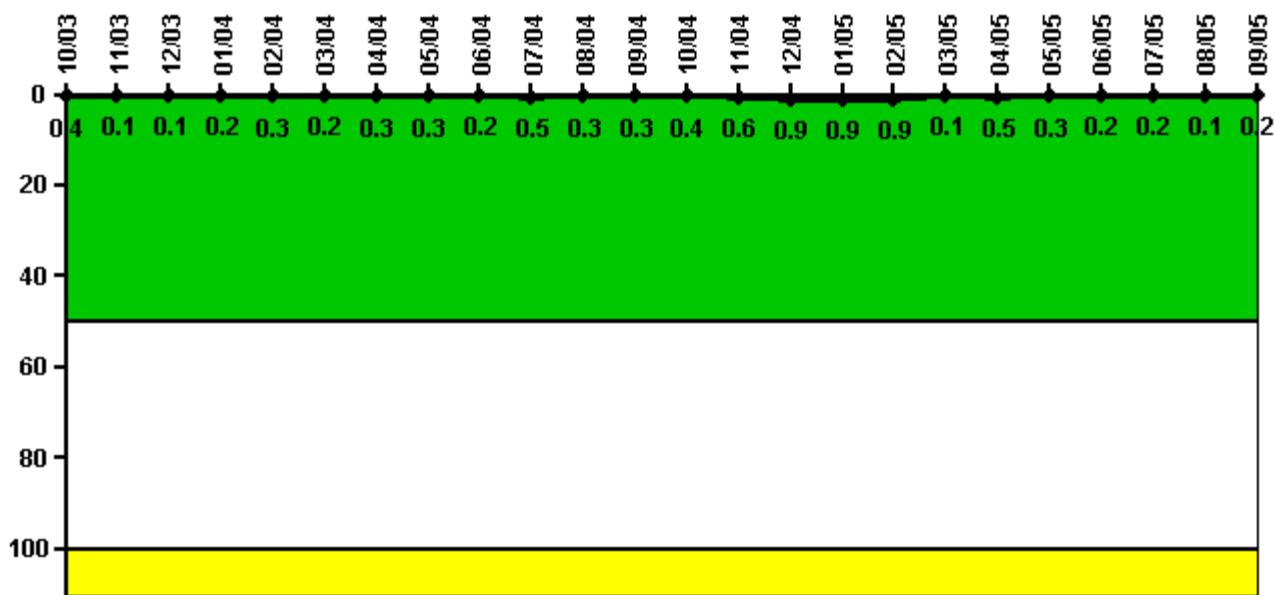
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	0.006284	0.001529	0.001340	0.001790	0.001710	0.001880	0.002067	0.002710	0.002923	0.004270	0.005670	0.010900
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	2.4	0.6	0.5	0.7	0.6	0.7	0.8	1.0	1.1	1.6	2.1	4.1
Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.010550	0.011000	0.011300	0.011510	0.011750	N/A	0.008404	0.007575	0.009344	0.008591	0.008921	0.011280
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	4.0	4.2	4.3	4.3	4.4	N/A	3.2	2.9	3.5	3.2	3.4	4.3

Licensee Comments: none

Reactor Coolant System Leakage



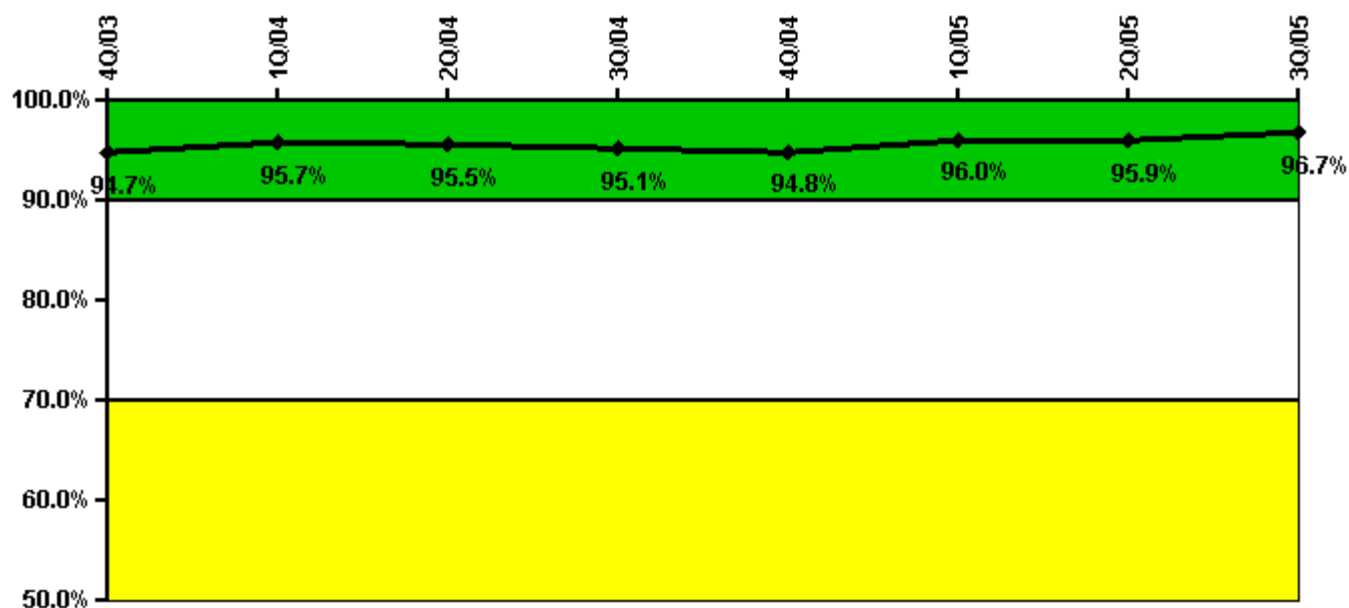
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.040	0.010	0.010	0.020	0.030	0.020	0.030	0.030	0.020	0.050	0.030	0.030
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	0.4	0.1	0.1	0.2	0.3	0.2	0.3	0.3	0.2	0.5	0.3	0.3
Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.040	0.060	0.090	0.090	0.090	0.010	0.050	0.030	0.020	0.020	0.010	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	0.4	0.6	0.9	0.9	0.9	0.1	0.5	0.3	0.2	0.2	0.1	0.2

Licensee Comments: none

Drill/Exercise Performance



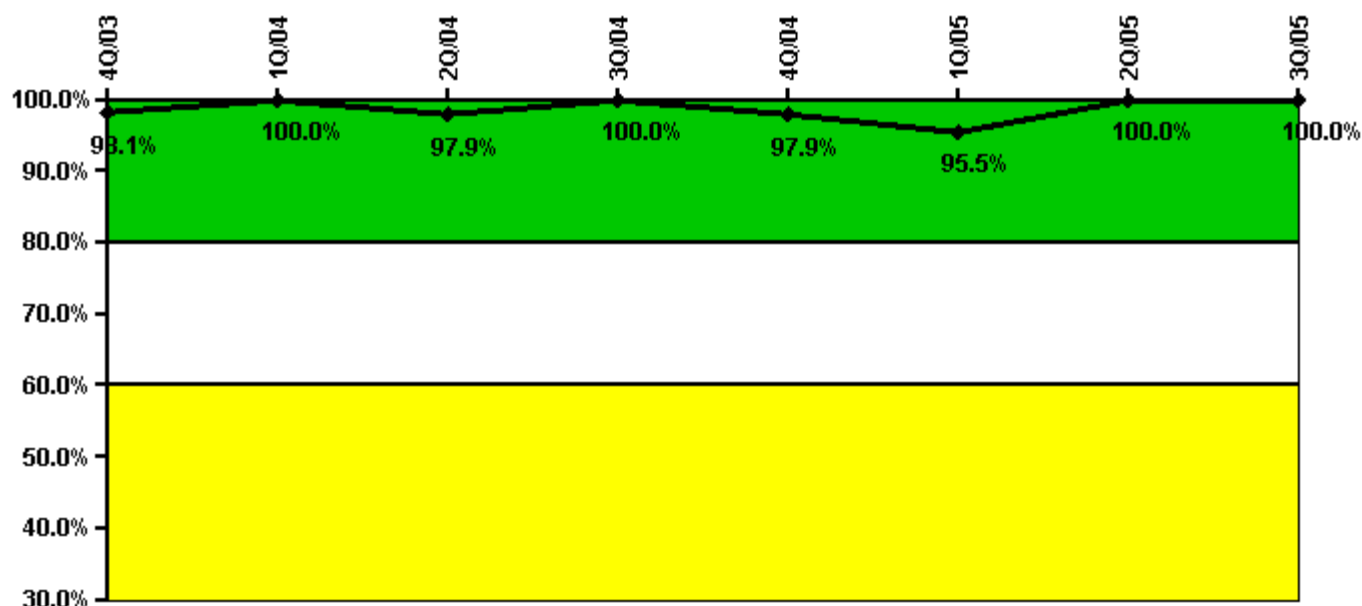
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	23.0	34.0	0	11.0	54.0	16.0	4.0	32.0
Total opportunities	26.0	34.0	0	12.0	56.0	16.0	4.0	32.0
Indicator value	94.7%	95.7%	95.5%	95.1%	94.8%	96.0%	95.9%	96.7%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

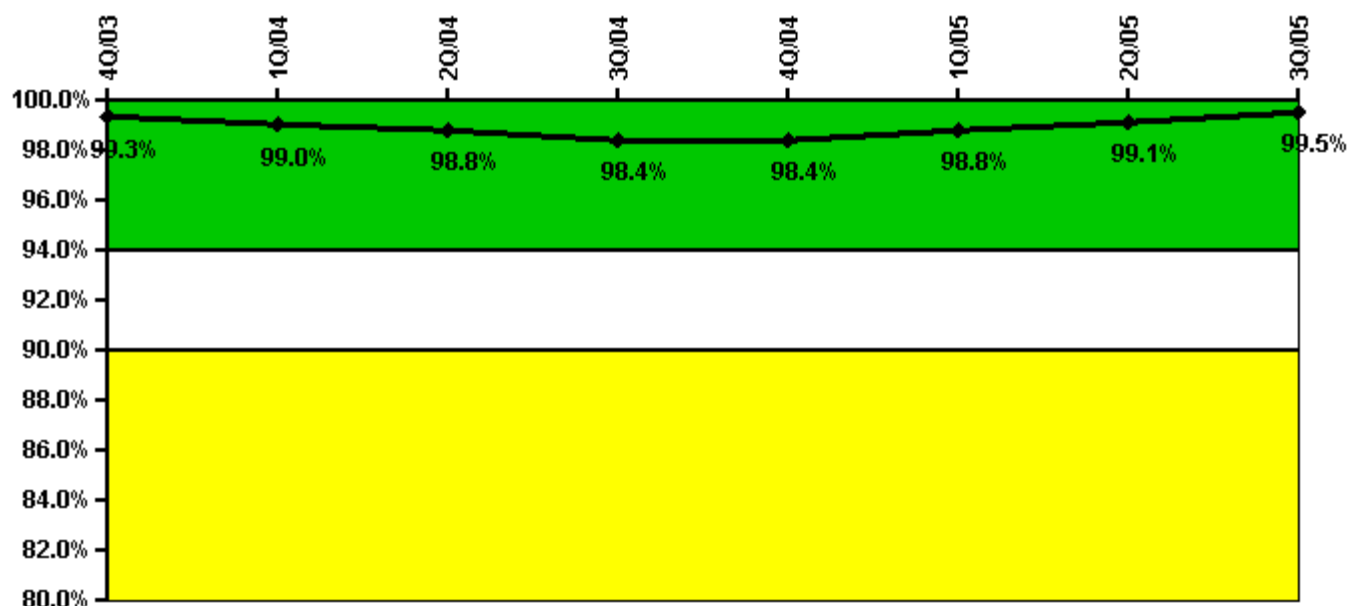
Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	52.0	50.0	47.0	47.0	47.0	63.0	69.0	72.0
Total Key personnel	53.0	50.0	48.0	47.0	48.0	66.0	69.0	72.0
Indicator value	98.1%	100.0%	97.9%	100.0%	97.9%	95.5%	100.0%	100.0%

Licensee Comments:

2Q/05: Change for 2Q CY2005 (June 2005) - During licensed annual requal exams, the number of key ERO personnel was found to be greater than the reported number due to the reactivation of a SRO/Shift Manager. There was no decrease of level of effectiveness as the individual was and is holding the SED (Site Emergency Director) position. This change does not affect the color of the indicator.

Alert & Notification System



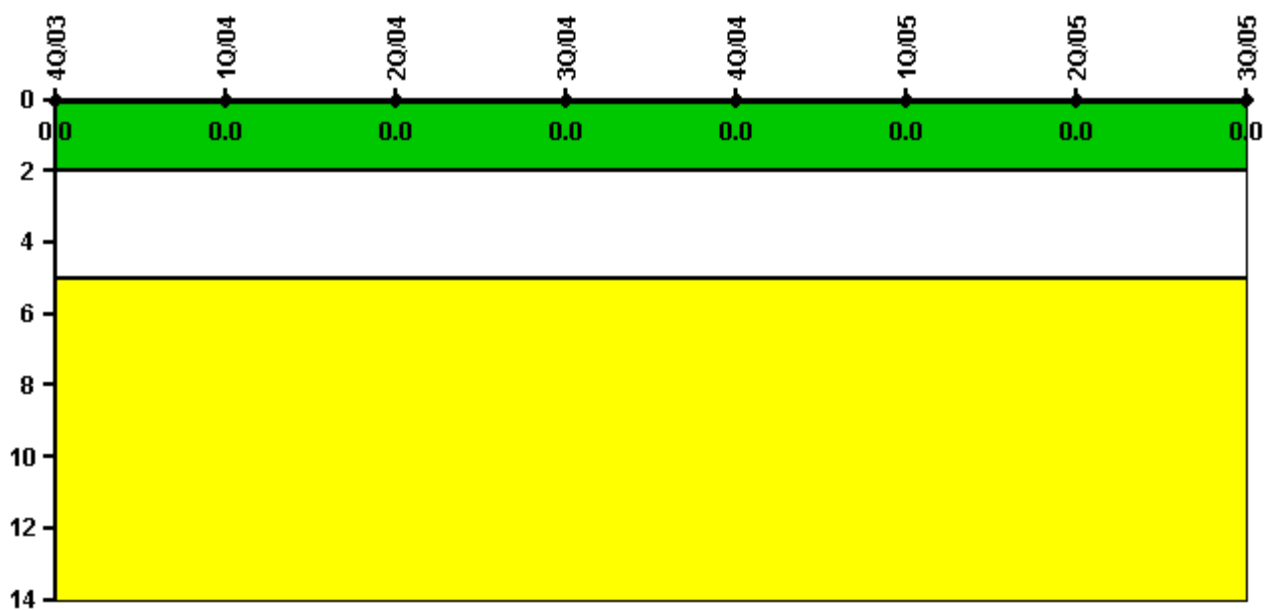
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	886	677	976	676	885	690	988	787
Total sirens-tests	891	693	990	693	891	693	990	792
Indicator value	99.3%	99.0%	98.8%	98.4%	98.4%	98.8%	99.1%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



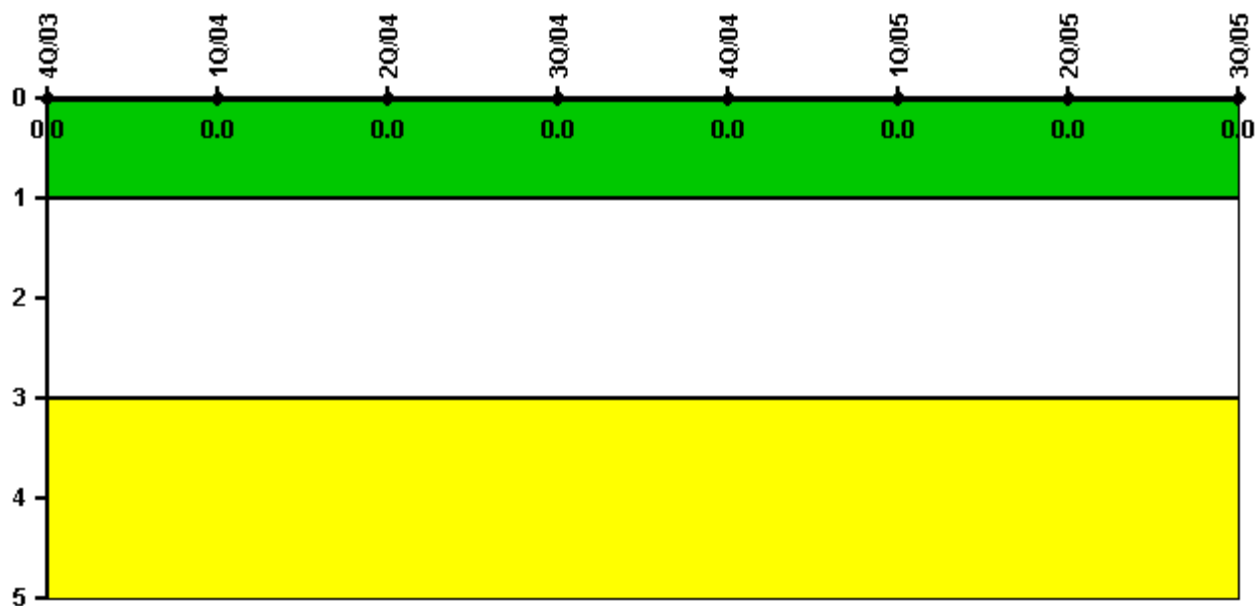
Thresholds: White > 2.0 Yellow > 5.0

Notes

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