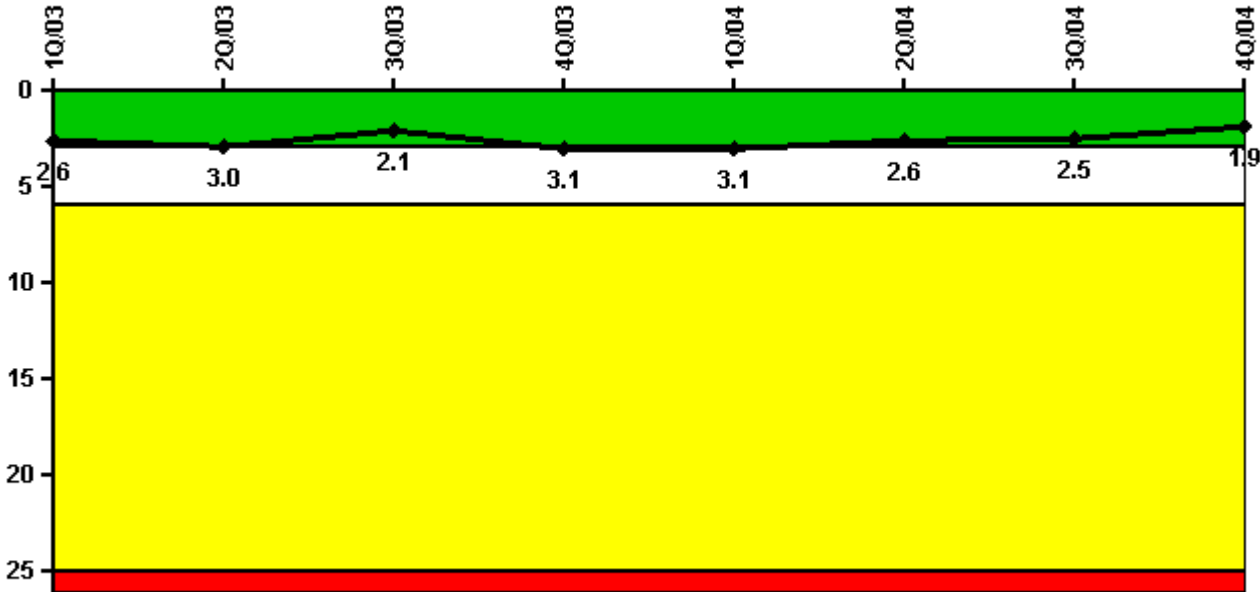


D.C. Cook 2

4Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



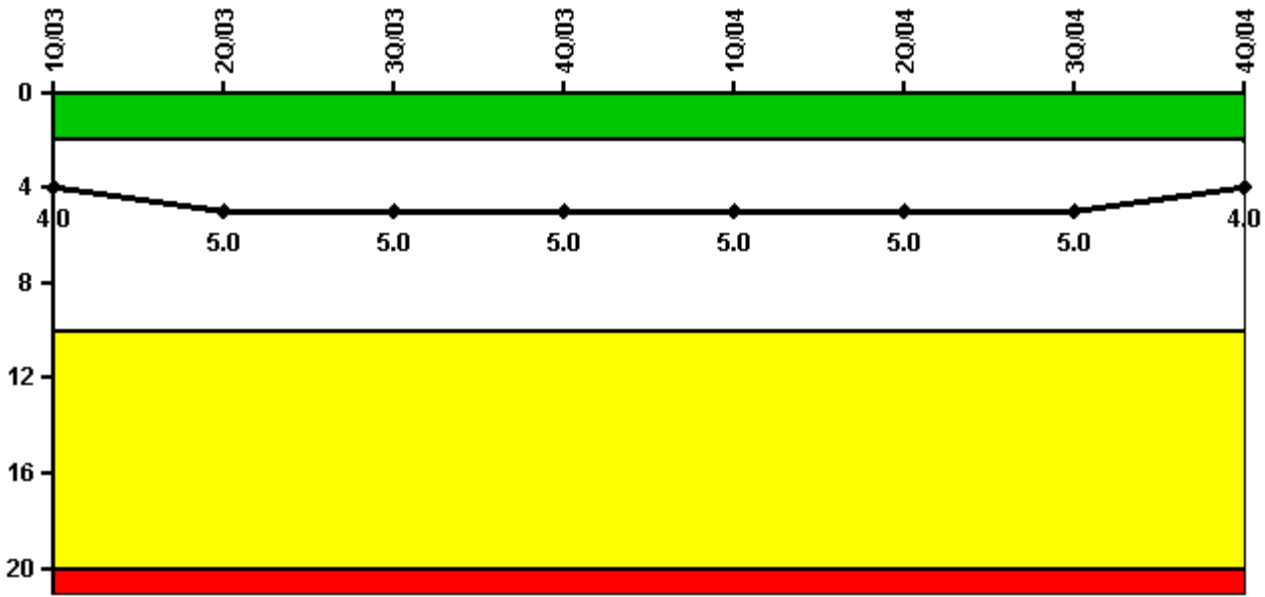
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned scrams	1.0	1.0	0	1.0	1.0	1.0	0	0
Critical hours	1884.6	824.0	1832.1	2174.5	2052.7	2059.3	2208.0	1145.9
Indicator value	2.6	3.0	2.1	3.1	3.1	2.6	2.5	1.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



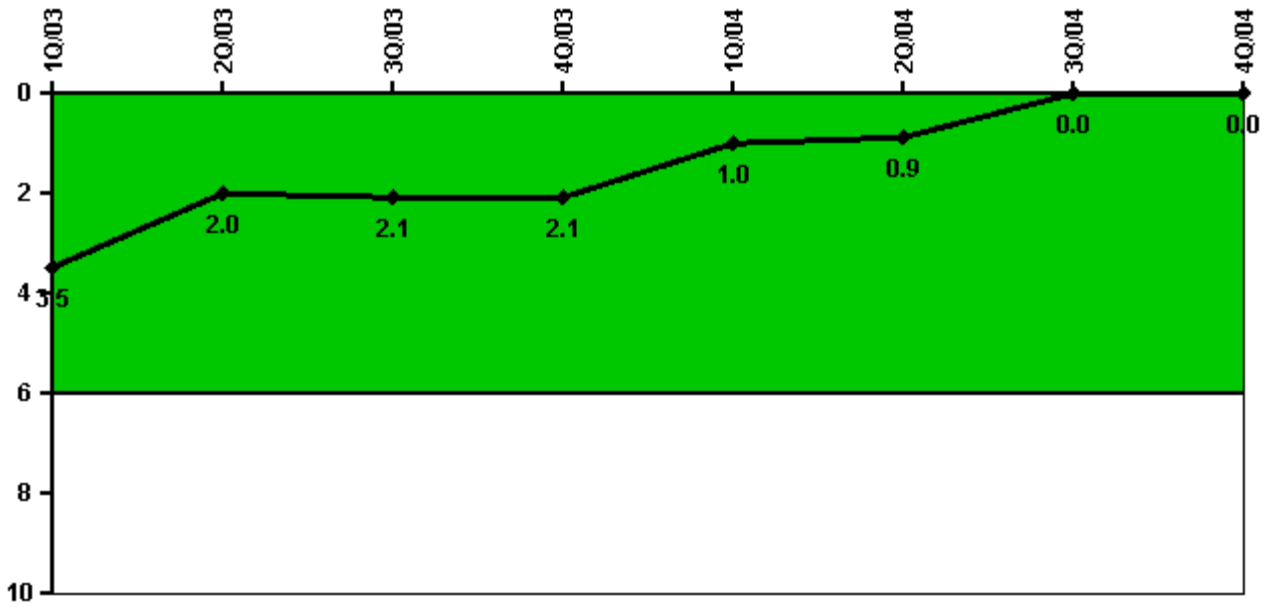
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Scrams	1.0	1.0	0	0	0	0	0	0
Indicator value	4.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



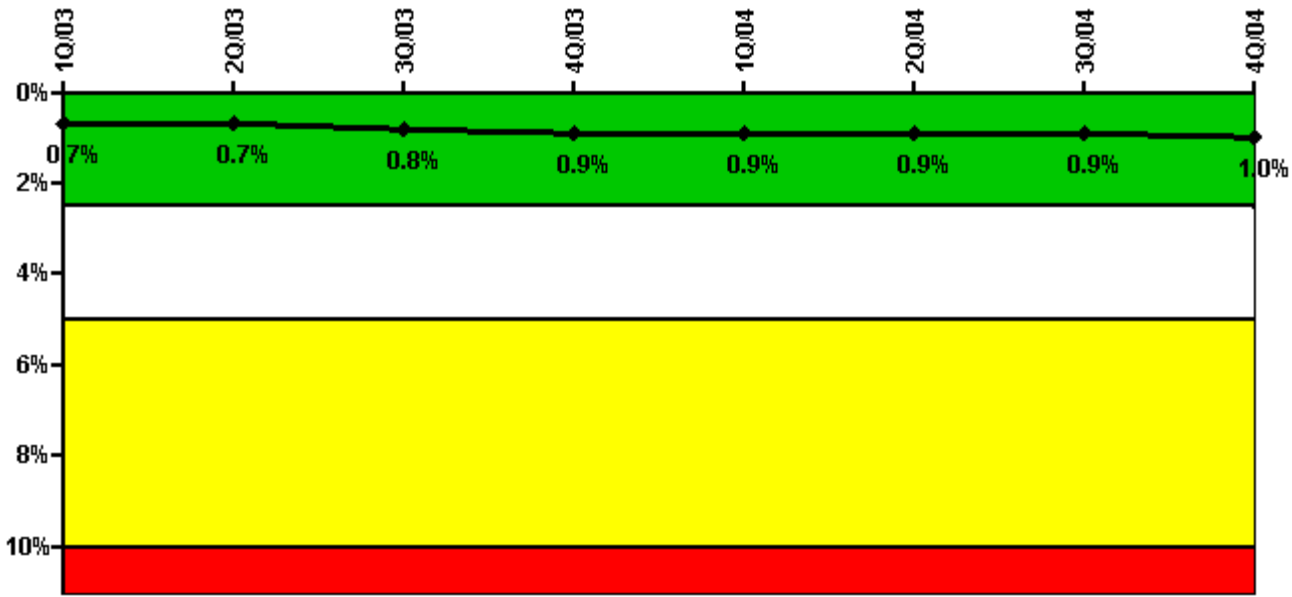
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	1.0	0	1.0	0	0	0	0	0
Critical hours	1884.6	824.0	1832.1	2174.5	2052.7	2059.3	2208.0	1145.9
Indicator value	3.5	2.0	2.1	2.1	1.0	0.9	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

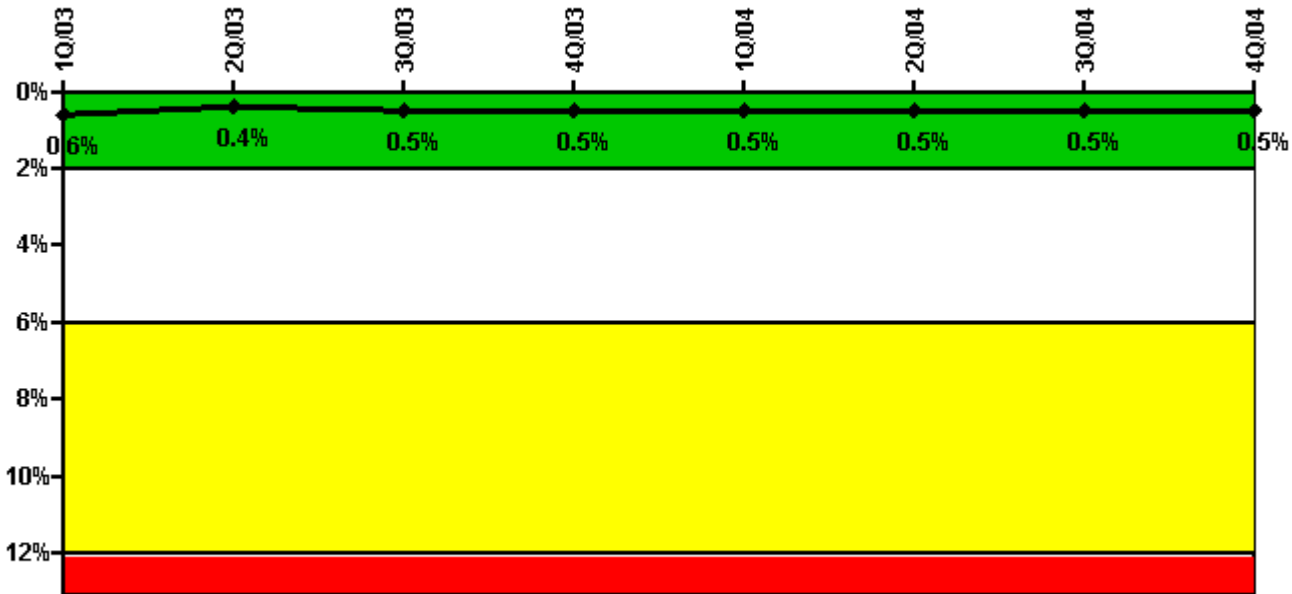
Safety System Unavailability, Emergency AC Power	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	33.52	0.32	21.99	1.14	18.54	16.29	4.19	18.91
Unplanned unavailable hours	49.10	0	8.63	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2185.00	2208.00	2209.00	2184.00	2183.00	2208.00	1504.18
Train 2								
Planned unavailable hours	1.18	0.65	9.35	4.91	25.24	0.97	20.29	0.42
Unplanned unavailable hours	0	0	0	102.12	0.20	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	2160.00	1079.77	2208.00	2209.00	2184.00	2183.00	2208.00	1989.06
Indicator value	0.7%	0.7%	0.8%	0.9%	0.9%	0.9%	0.9%	1.0%

Licensee Comments:

4Q/04: LER 05000316/2004-003-00

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



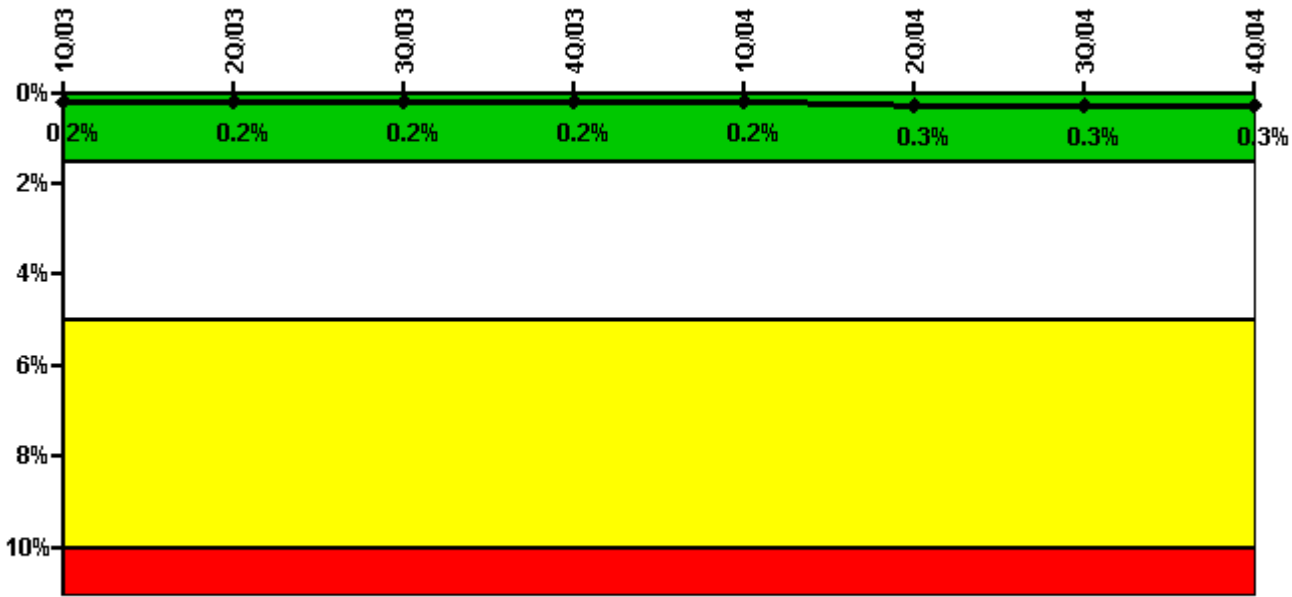
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	36.12	0	6.05	4.62	0	11.75	0.55	3.58
Unplanned unavailable hours	0	0	0	0.05	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	2132.20	912.07	1886.30	2209.00	2184.00	2183.00	2208.00	1239.60
Train 2								
Planned unavailable hours	29.38	0	0	0	5.53	0	17.27	0
Unplanned unavailable hours	59.48	0	0	0.07	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	2131.20	912.07	1886.30	2209.00	2184.00	2183.00	2208.00	1239.60
Train 3								
Planned unavailable hours	9.03	0	0	20.90	0	16.00	13.47	0
Unplanned unavailable hours	0	0	0	0	0	8.35	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	2131.20	912.07	1886.30	2209.00	2184.00	2183.00	2208.00	1239.60
Indicator value	0.6%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



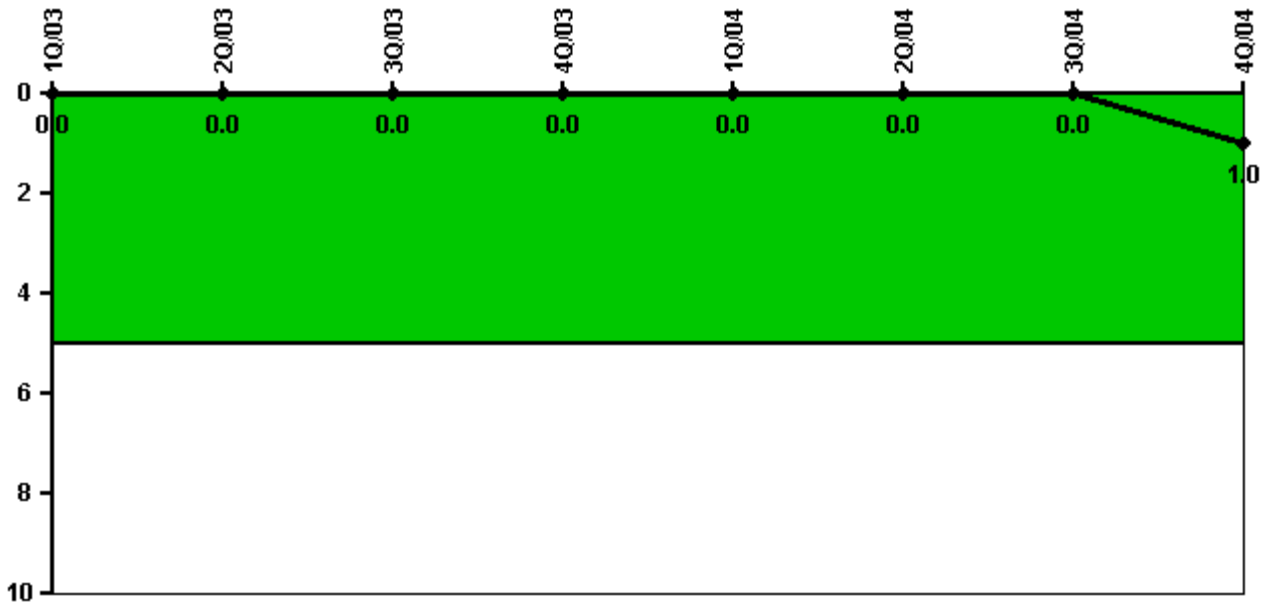
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	0	0	0	0	0	17.28	4.48	0
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	2160.00	1838.30	2208.00	2209.00	2184.00	2183.00	2208.00	1933.22
Train 2								
Planned unavailable hours	0	0	10.67	14.18	0	8.15	5.30	4.20
Unplanned unavailable hours	0	0	0	17.45	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	2160.00	1838.30	2208.00	2209.00	2184.00	2183.00	2208.00	1933.22
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Functional Failures (PWR)



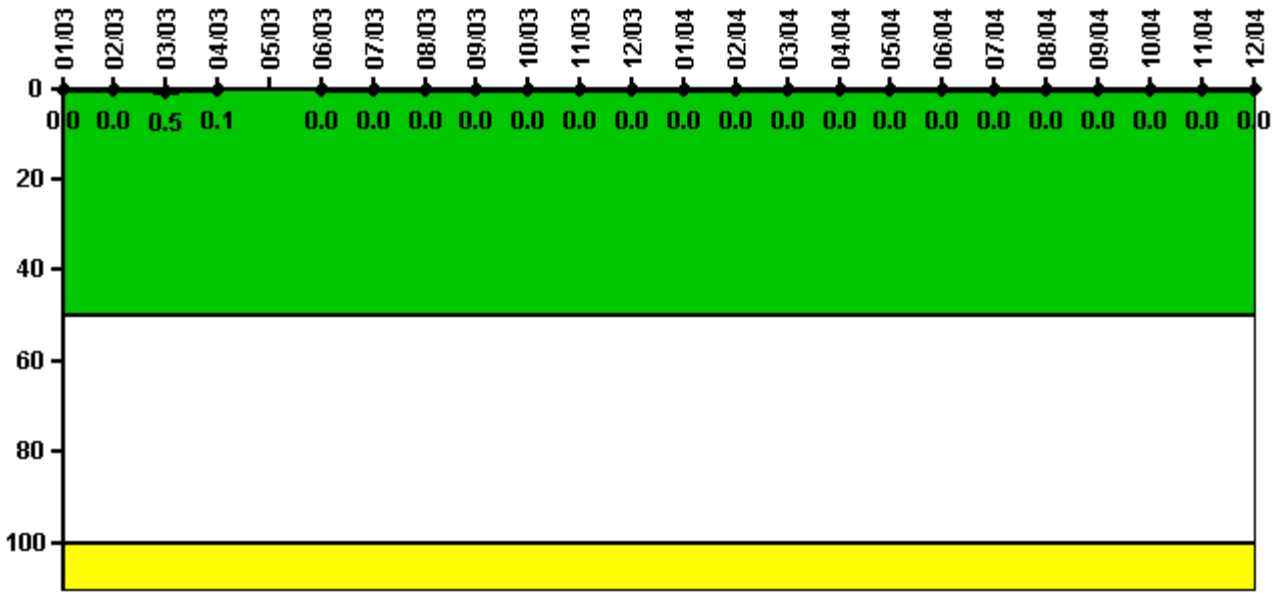
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

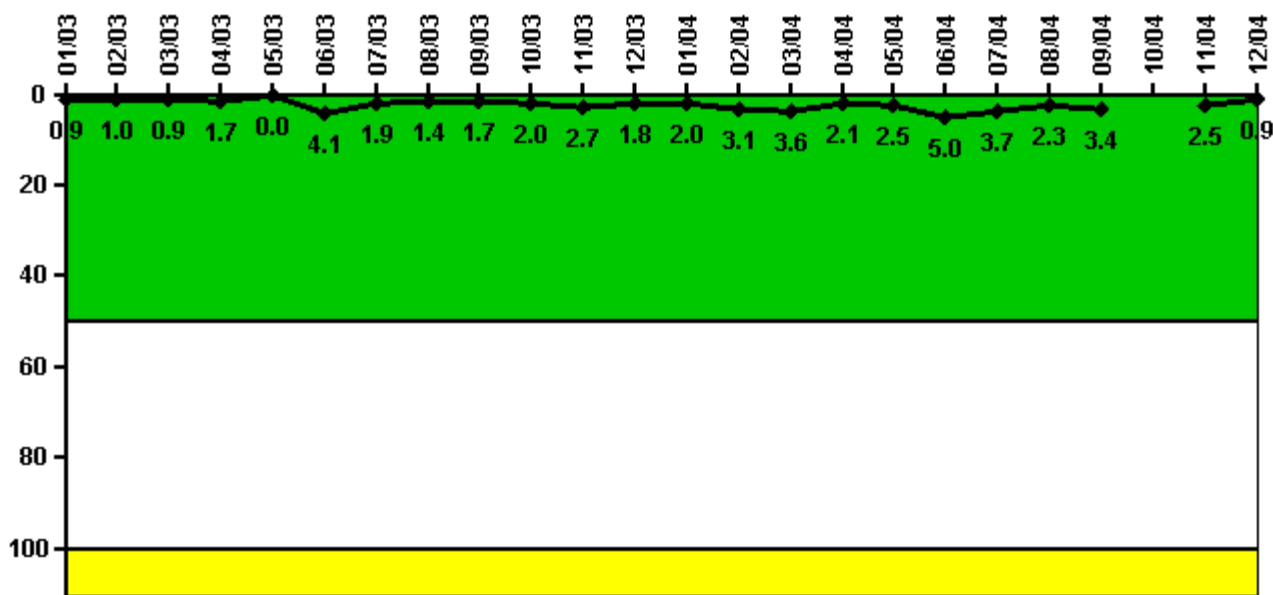
Notes

Reactor Coolant System Activity	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum activity	0.000313	0.000368	0.004970	0.001070	N/A	0.000159	0.000217	0.000175	0.000188	0.000196	0.000201	0.000215
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.5	0.1	N/A	0	0	0	0	0	0	0

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	0.000219	0.000242	0.000243	0.000385	0.000247	0.000261	0.000283	0.000269	0.000469	0.000241	0.000136	0.000140
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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

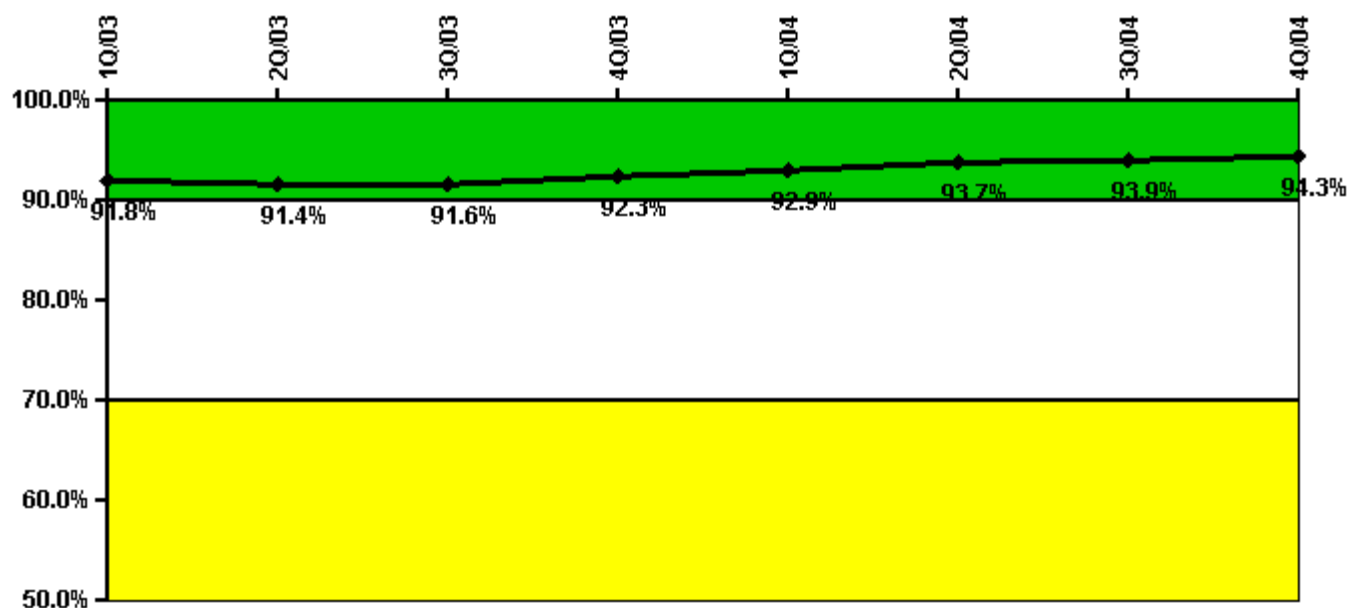
Notes

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0.096	0.110	0.097	0.184	0	0.450	0.211	0.152	0.190	0.220	0.294	0.193
Technical specification limit	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Indicator value	0.9	1.0	0.9	1.7	0	4.1	1.9	1.4	1.7	2.0	2.7	1.8
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	0.225	0.336	0.399	0.226	0.276	0.551	0.408	0.257	0.369	N/A	0.274	0.096
Technical specification limit	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Indicator value	2.0	3.1	3.6	2.1	2.5	5.0	3.7	2.3	3.4	N/A	2.5	0.9

Licensee Comments:

12/04: Unit 2 was in a refueling outage during the month of October 2004

Drill/Exercise Performance



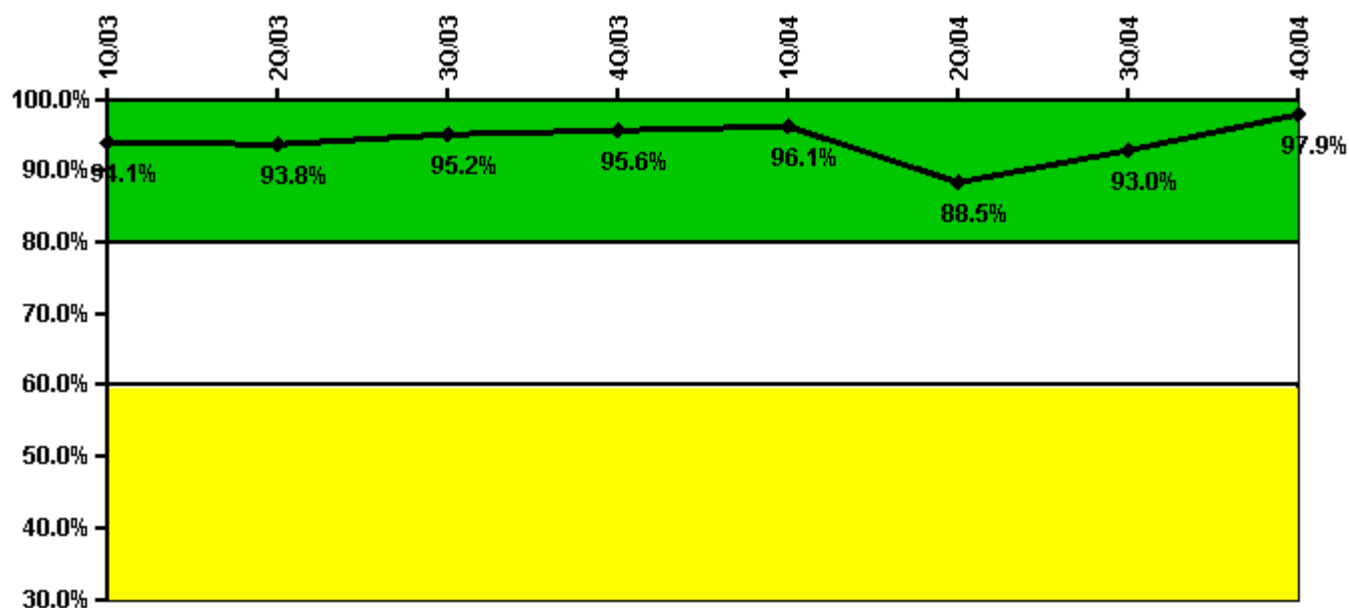
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	85.0	30.0	176.0	83.0	132.0	83.0	74.0	61.0
Total opportunities	87.0	33.0	192.0	90.0	137.0	89.0	78.0	62.0
Indicator value	91.8%	91.4%	91.6%	92.3%	92.9%	93.7%	93.9%	94.3%

Licensee Comments: none

ERO Drill Participation



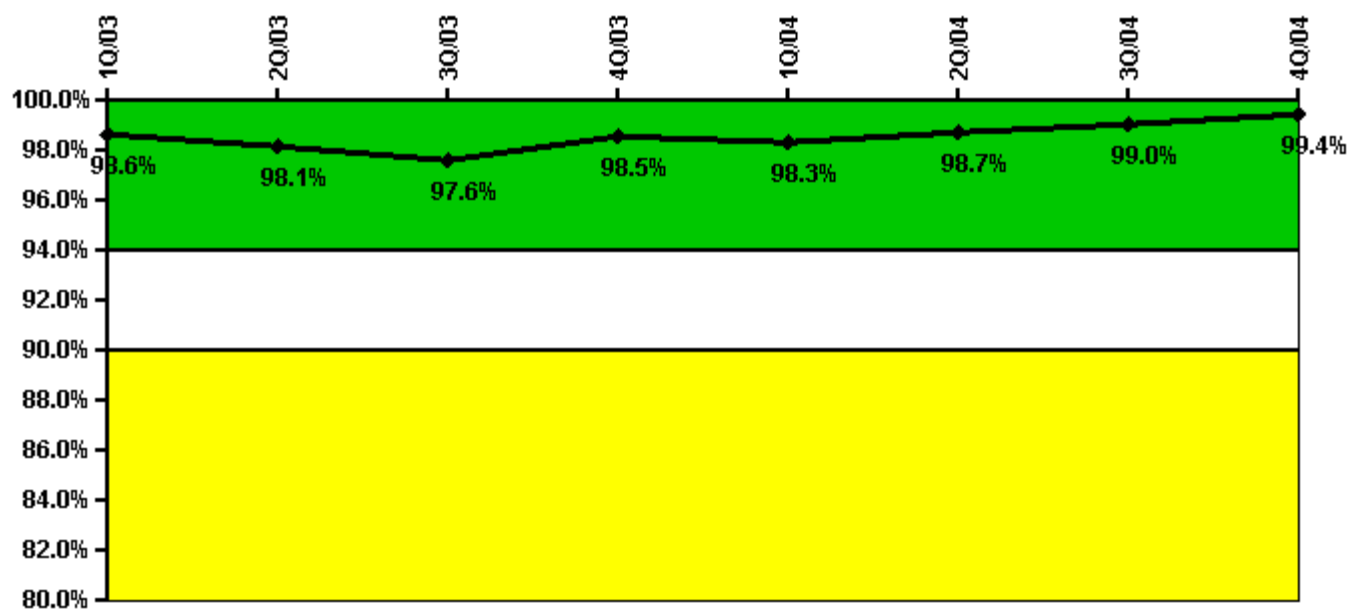
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Participating Key personnel	143.0	135.0	138.0	129.0	124.0	131.0	133.0	138.0
Total Key personnel	152.0	144.0	145.0	135.0	129.0	148.0	143.0	141.0
Indicator value	94.1%	93.8%	95.2%	95.6%	96.1%	88.5%	93.0%	97.9%

Licensee Comments: none

Alert & Notification System



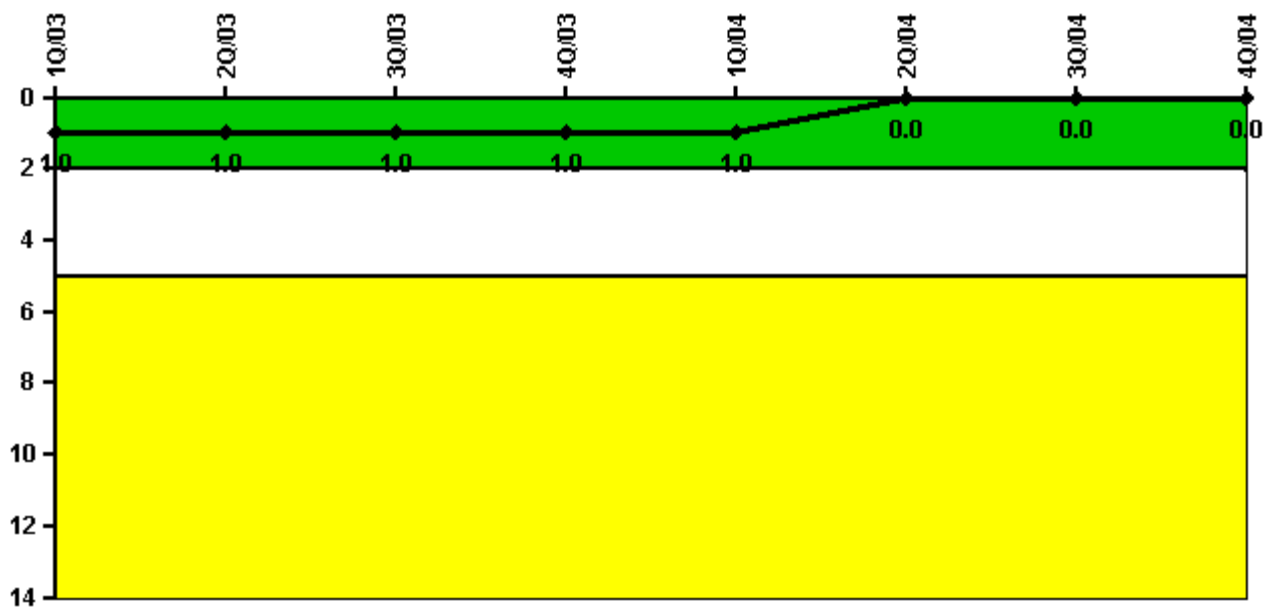
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful siren-tests	210	205	205	207	209	208	208	210
Total sirens-tests	210	210	210	210	210	210	210	210
Indicator value	98.6%	98.1%	97.6%	98.5%	98.3%	98.7%	99.0%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
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	1	0	0	0	0	0	0
Indicator value	1	1	1	1	1	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
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: March 9, 2005