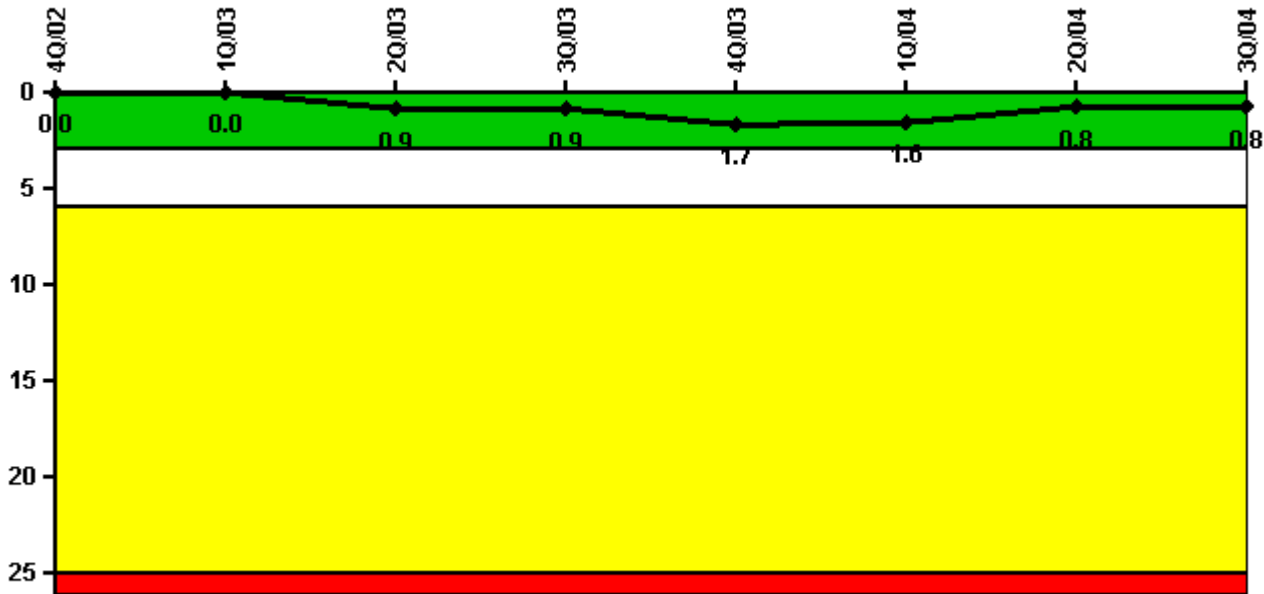


Brunswick 2

3Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



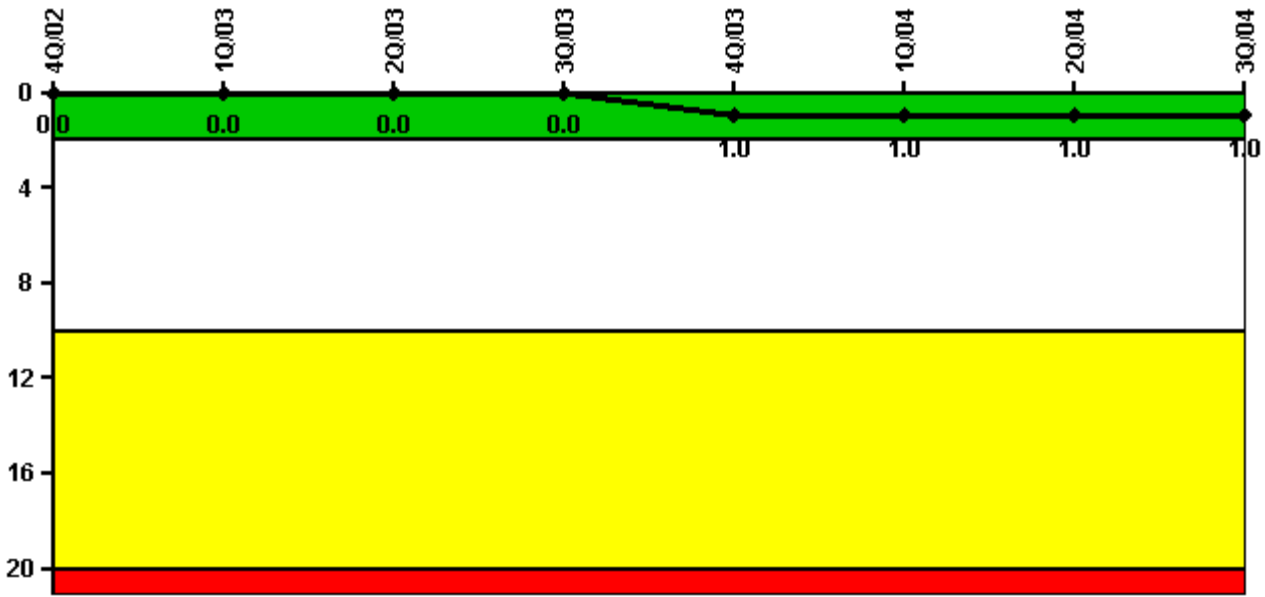
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned scrams	0	0	1.0	0	1.0	0	0	0
Critical hours	2209.0	1583.9	2128.7	2208.0	2135.8	2184.0	2134.2	2139.8
Indicator value	0	0	0.9	0.9	1.7	1.6	0.8	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



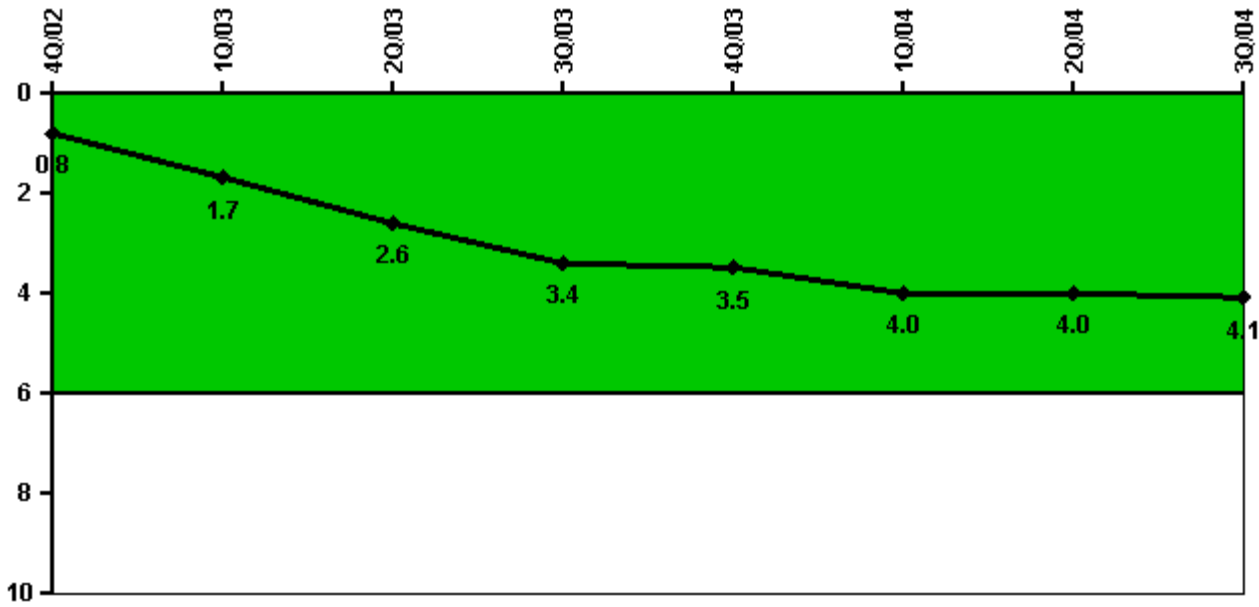
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Scrams	0	0	0	0	1.0	0	0	0
Indicator value	0	0	0	0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

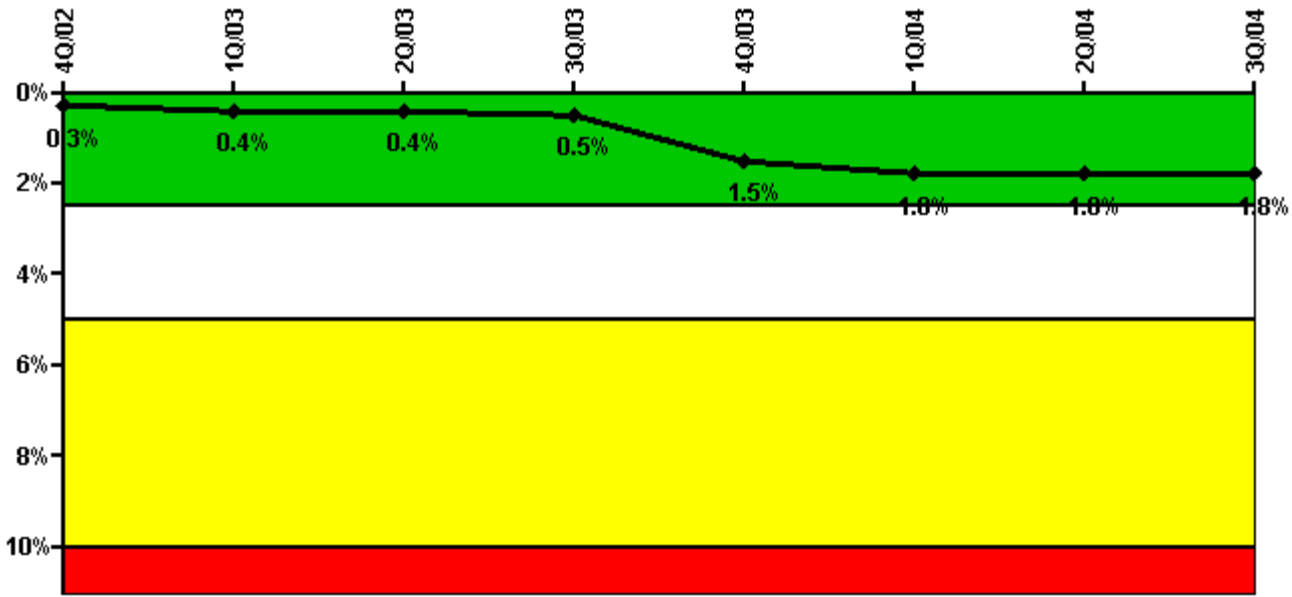
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned power changes	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0
Critical hours	2209.0	1583.9	2128.7	2208.0	2135.8	2184.0	2134.2	2139.8
Indicator value	0.8	1.7	2.6	3.4	3.5	4.0	4.0	4.1

Licensee Comments:

3Q/04: Unit 2 has two Unplanned Power Change Occurrences (6/24/04 and 8/31/04) involving unexpected conditions in the intake canal. Per NEI 99-02, both events are not being included in the indicator value because they are being reviewed for exclusion via the FAQ process. In the case that both events are not excluded through the FAQ process, the indicator value would still be within the green band.

Safety System Unavailability, Emergency AC Power



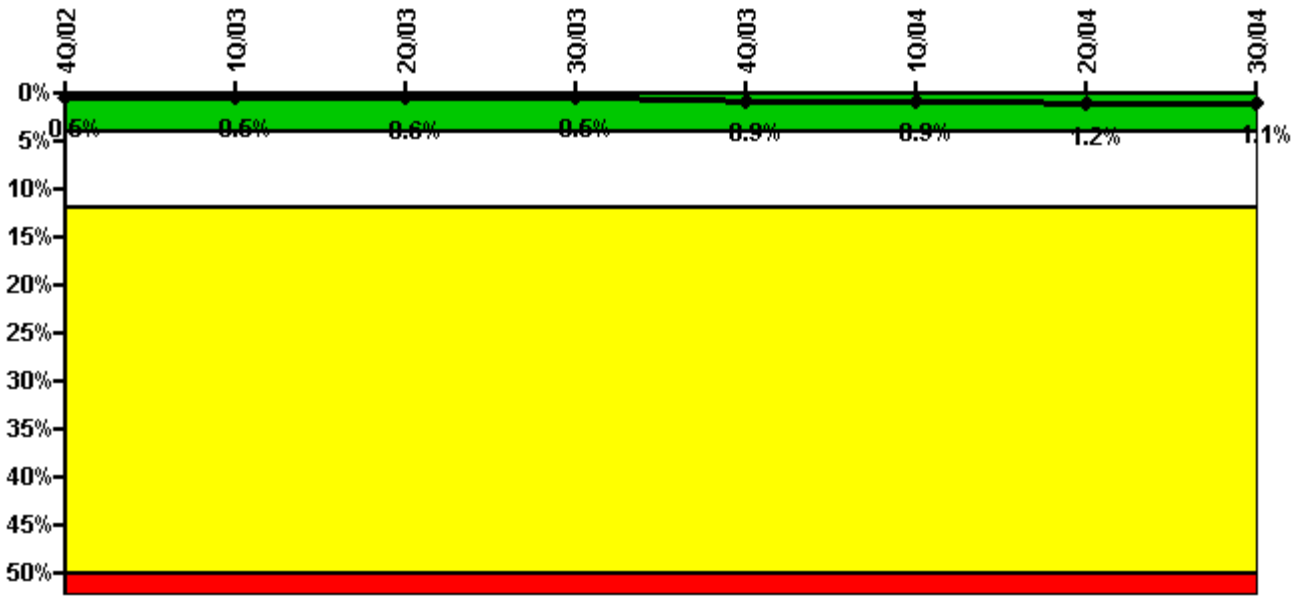
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0.65	50.28	6.26	13.75	13.50	29.17	1.04	0.85
Unplanned unavailable hours	0	0	0	13.97	4.75	18.35	0	0.10
Fault exposure hours	0	0	0	0	559.25	93.35	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	62.05	4.23	1.38	0.84	7.23	1.19	19.15	2.54
Unplanned unavailable hours	0	0	8.72	12.84	0	0	0	3.65
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.3%	0.4%	0.4%	0.5%	1.5%	1.8%	1.8%	1.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



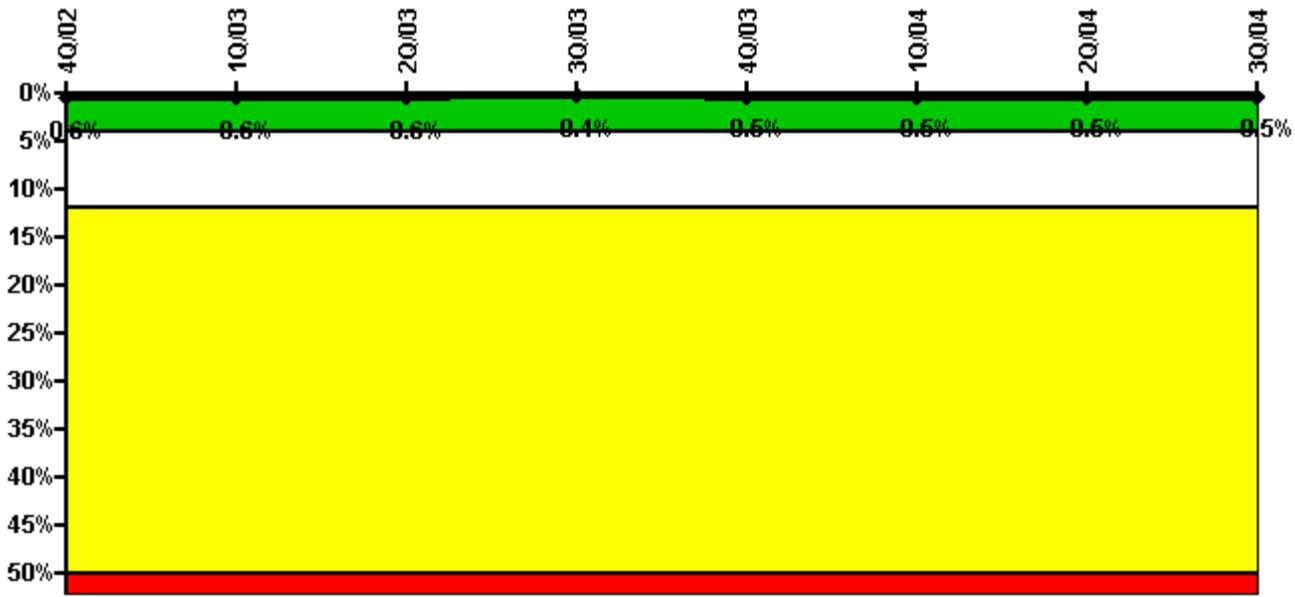
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	21.80	0.40	18.30	0.30	95.40	5.90	17.30	7.00
Unplanned unavailable hours	13.00	0	0	0	0	0	32.90	0
Fault exposure hours	0	1.10	0	0	0	1.83	32.67	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1583.90	2128.70	2208.00	2135.80	2184.00	2134.20	2139.85
Indicator value	0.5%	0.5%	0.6%	0.5%	0.9%	0.9%	1.2%	1.1%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



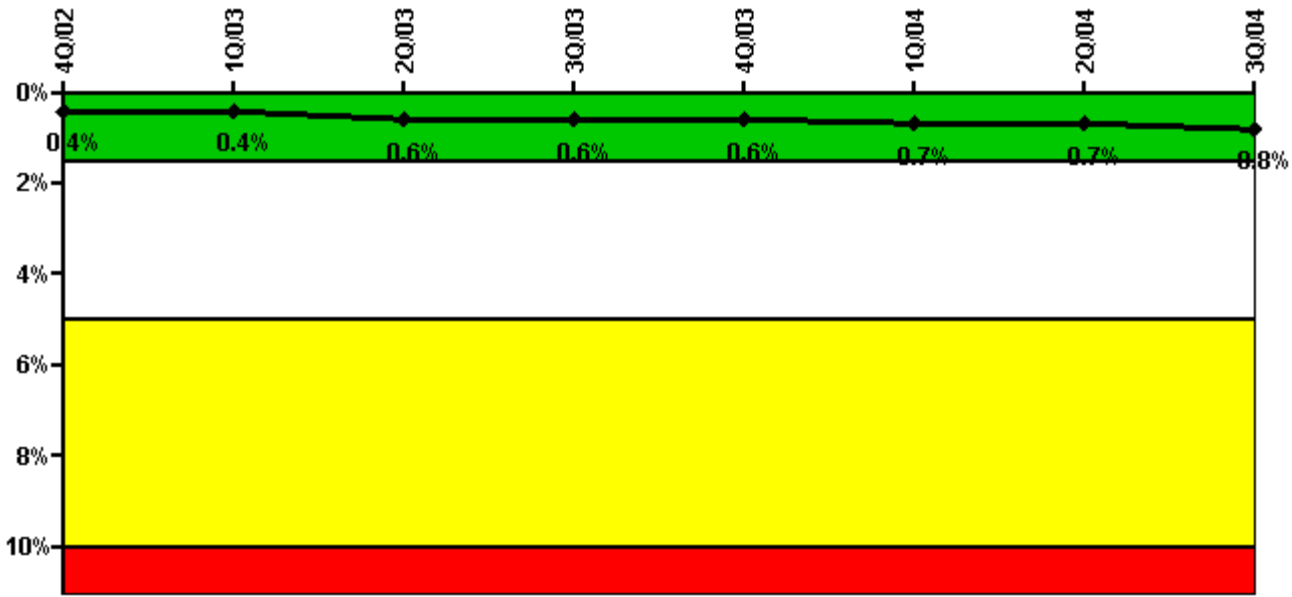
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	22.40	13.60	0.30	17.70	13.10	0.40	6.50	10.60
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	2209.00	1583.90	2128.70	2208.00	2135.80	2184.00	2134.20	2139.85
Indicator value	0.6%	0.6%	0.6%	0.4%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



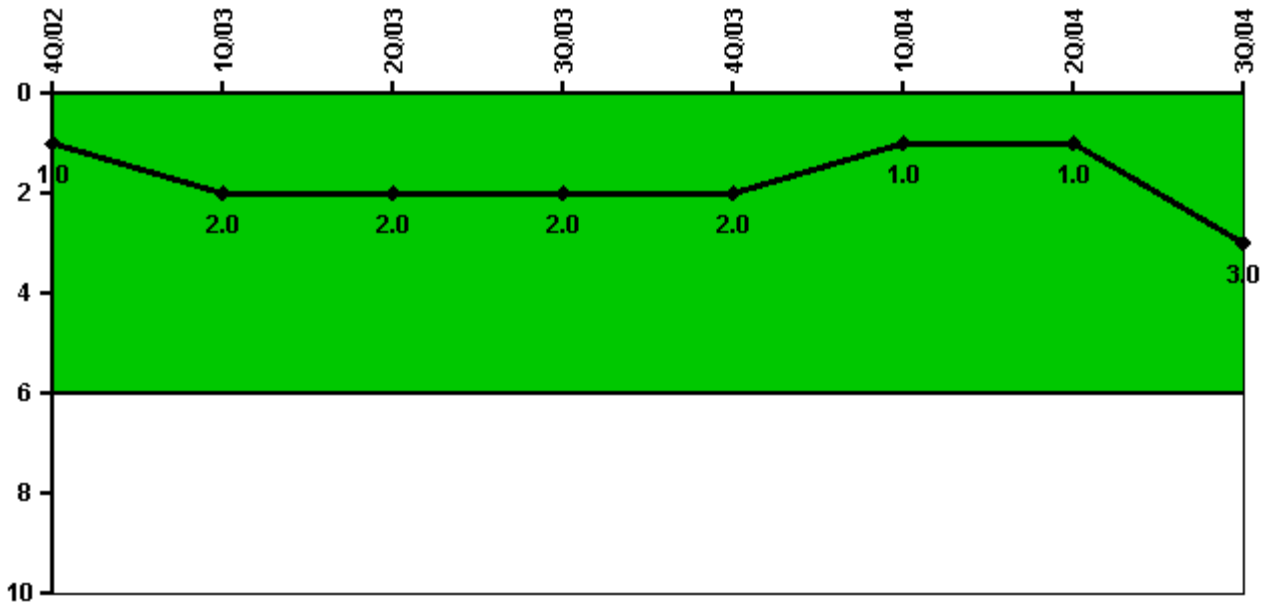
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	16.00	0	11.60	0	0	69.80	0	9.50
Unplanned unavailable hours	0	0	0	0	0	0	0	4.70
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	16.70	142.20	0	19.50	2.80	19.40	1.20
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	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.4%	0.4%	0.6%	0.6%	0.6%	0.7%	0.7%	0.8%

Licensee Comments: none

Safety System Functional Failures (BWR)



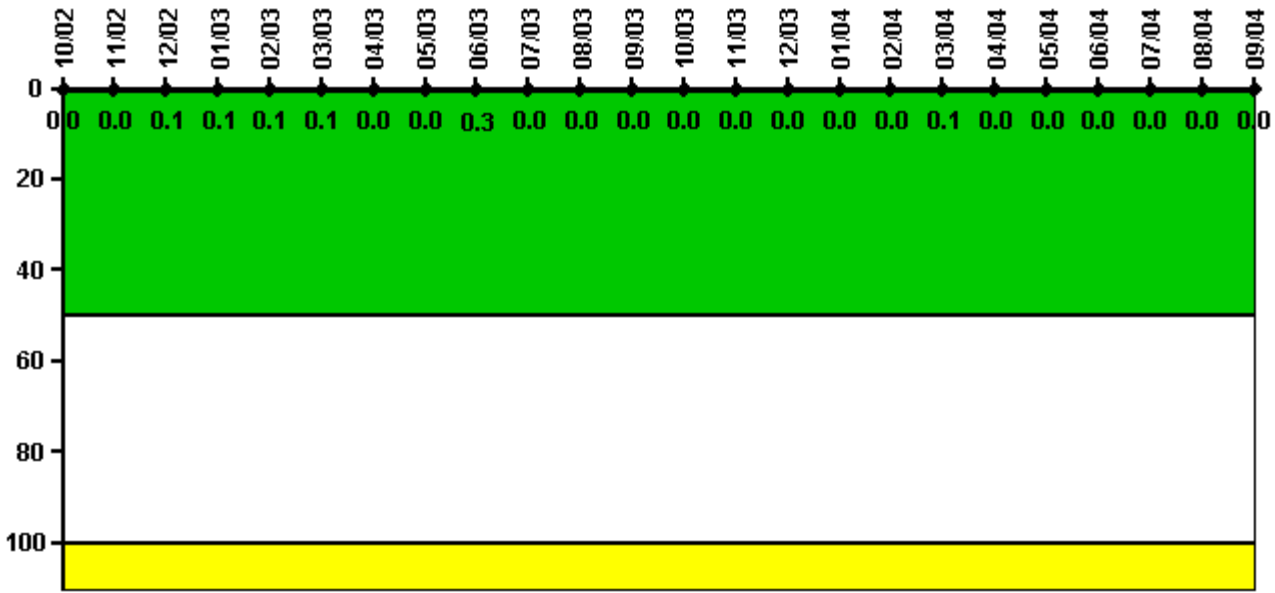
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Safety System Functional Failures	1	1	0	0	1	0	0	2
Indicator value	1	2	2	2	2	1	1	3

Licensee Comments: none

Reactor Coolant System Activity



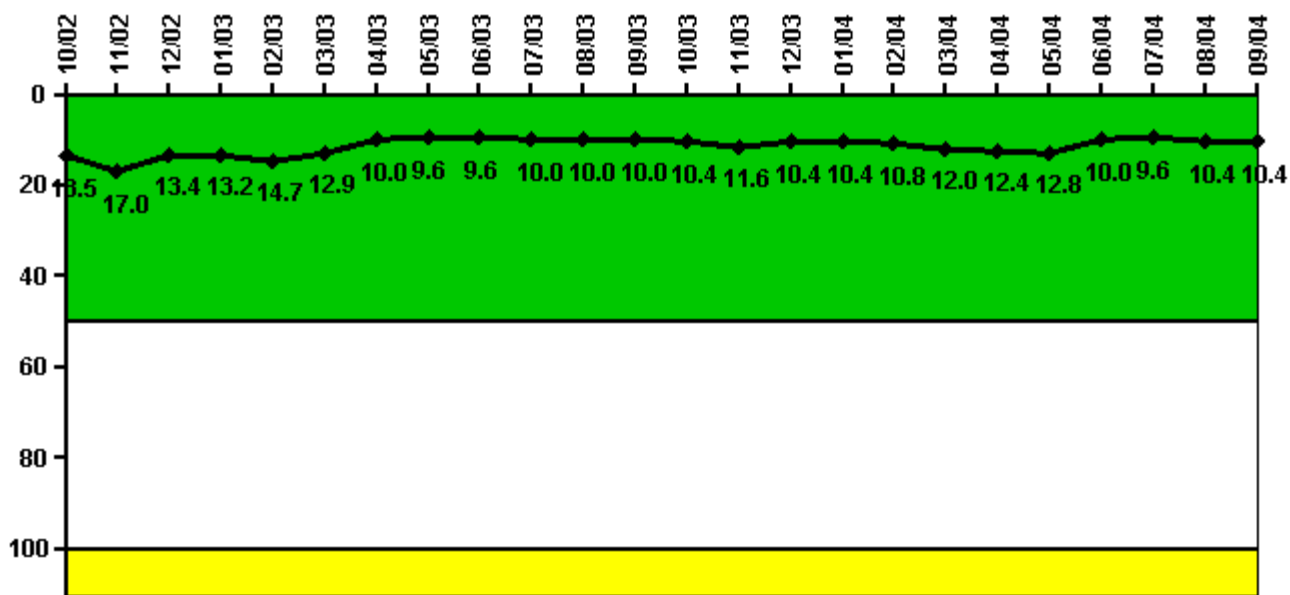
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0.000062	0.000050	0.000122	0.000130	0.000145	0.000138	0.000034	0.000033	0.000653	0.000059	0.000034	0.000028
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0.1	0.1	0.1	0.1	0	0	0.3	0	0	0
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	0.000043	0.000046	0.000057	0.000081	0.000053	0.000104	0.000080	0.000079	0.000073	0.000058	0.000066	0.000075
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0.1	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

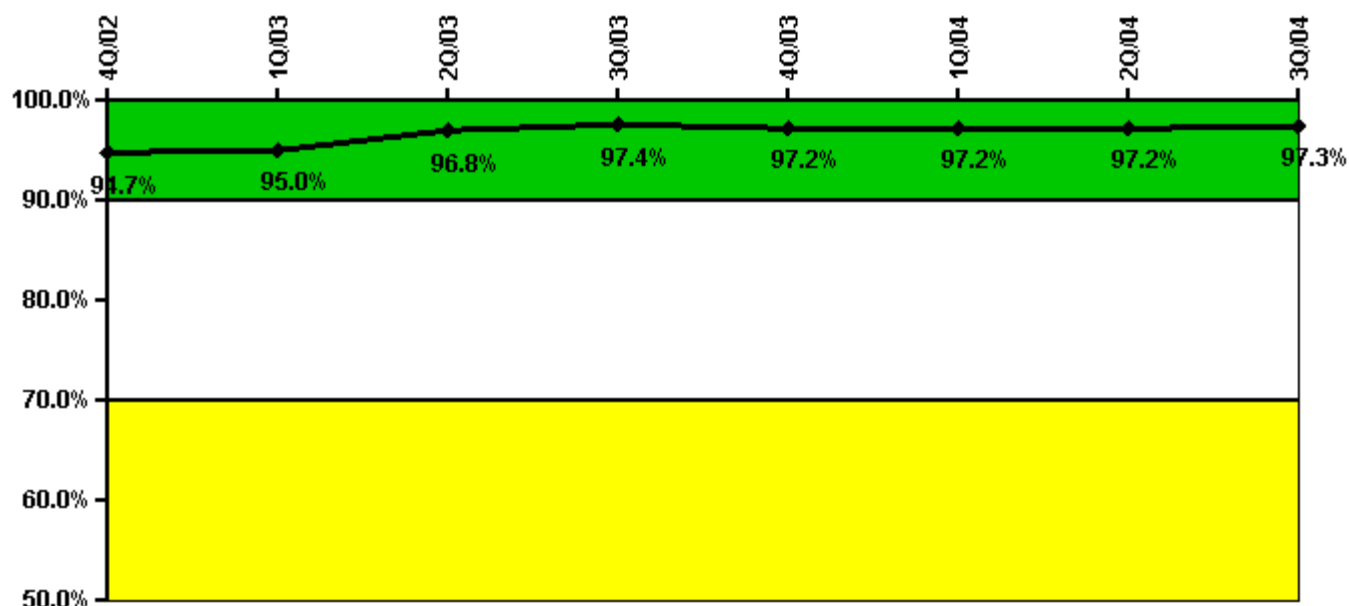
Notes

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	3.368	4.262	3.346	3.311	3.669	3.235	2.500	2.400	2.400	2.500	2.500	2.500
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	13.5	17.0	13.4	13.2	14.7	12.9	10.0	9.6	9.6	10.0	10.0	10.0

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	2.600	2.900	2.600	2.600	2.700	3.000	3.100	3.200	2.500	2.400	2.600	2.600
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	10.4	11.6	10.4	10.4	10.8	12.0	12.4	12.8	10.0	9.6	10.4	10.4

Licensee Comments: none

Drill/Exercise Performance



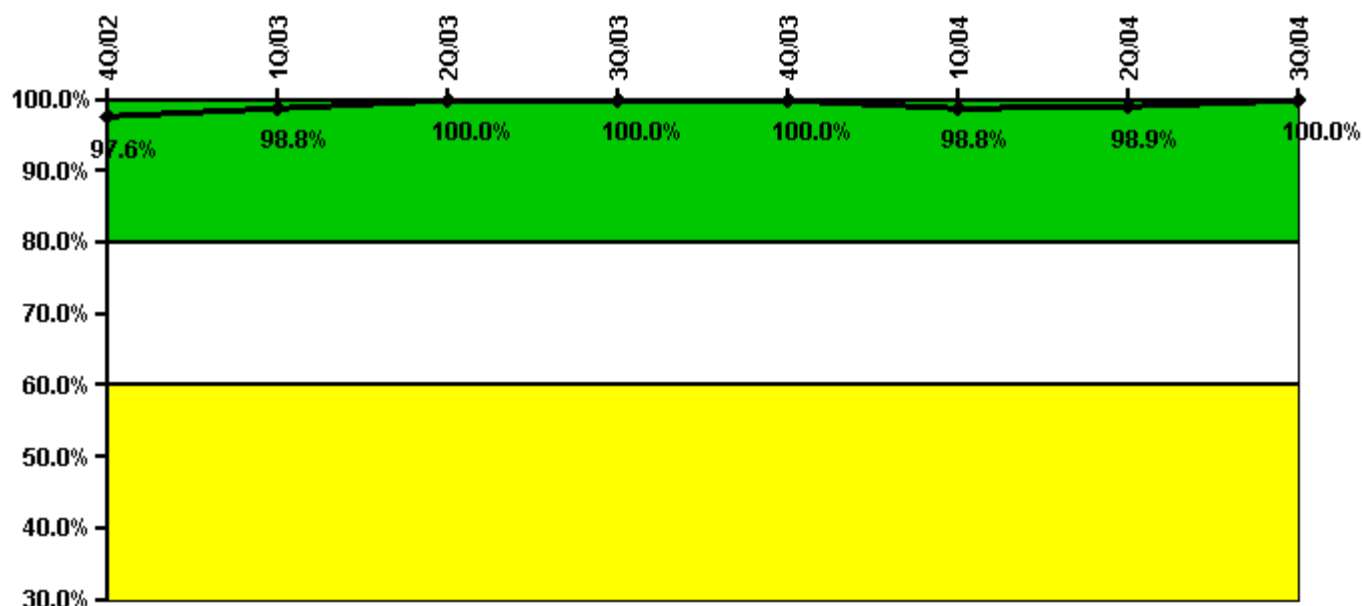
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	21.0	8.0	51.0	36.0	10.0	0	0	55.0
Total opportunities	22.0	8.0	52.0	37.0	10.0	0	0	57.0
Indicator value	94.7%	95.0%	96.8%	97.4%	97.2%	97.2%	97.2%	97.3%

Licensee Comments: none

ERO Drill Participation



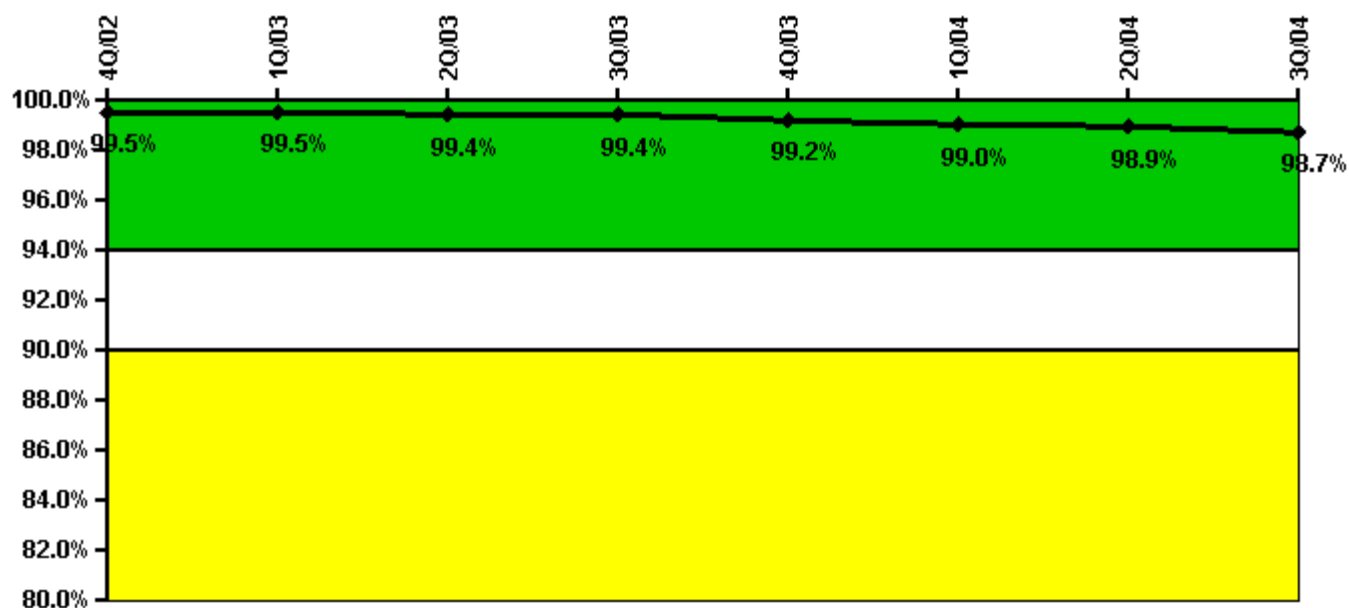
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Participating Key personnel	81.0	81.0	82.0	93.0	88.0	83.0	86.0	93.0
Total Key personnel	83.0	82.0	82.0	93.0	88.0	84.0	87.0	93.0
Indicator value	97.6%	98.8%	100.0%	100.0%	100.0%	98.8%	98.9%	100.0%

Licensee Comments: none

Alert & Notification System



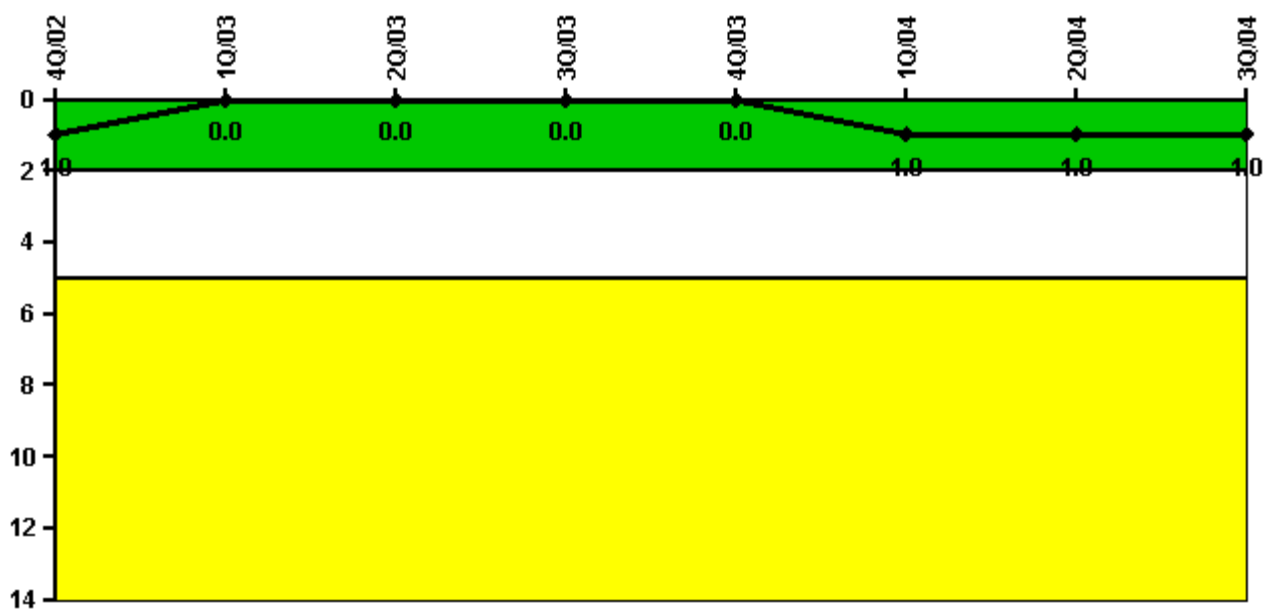
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful siren-tests	319	252	286	252	317	285	356	499
Total sirens-tests	324	252	288	252	324	288	360	504
Indicator value	99.5%	99.5%	99.4%	99.4%	99.2%	99.0%	98.9%	98.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/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	0	0	0	0	1	0	0
Indicator value	1	0	0	0	0	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/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: October 25, 2004