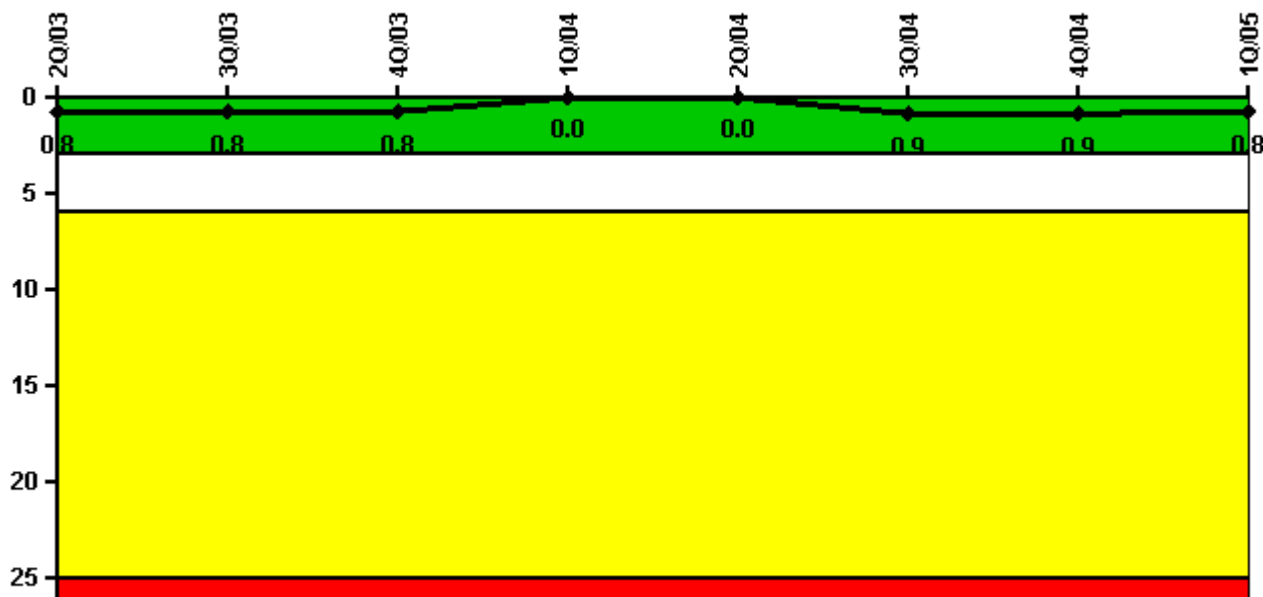


Brunswick 1

1Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



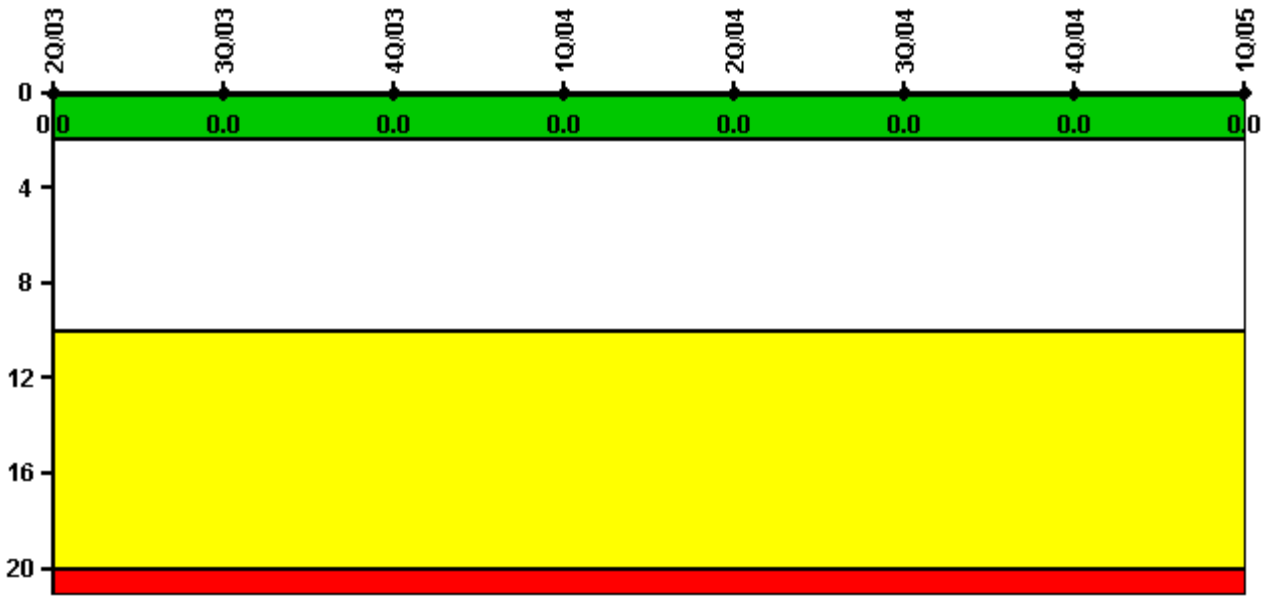
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2183.0	2162.1	2209.0	1403.3	2183.0	2137.2	2209.0	2160.0
Indicator value	0.8	0.8	0.8	0	0	0.9	0.9	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



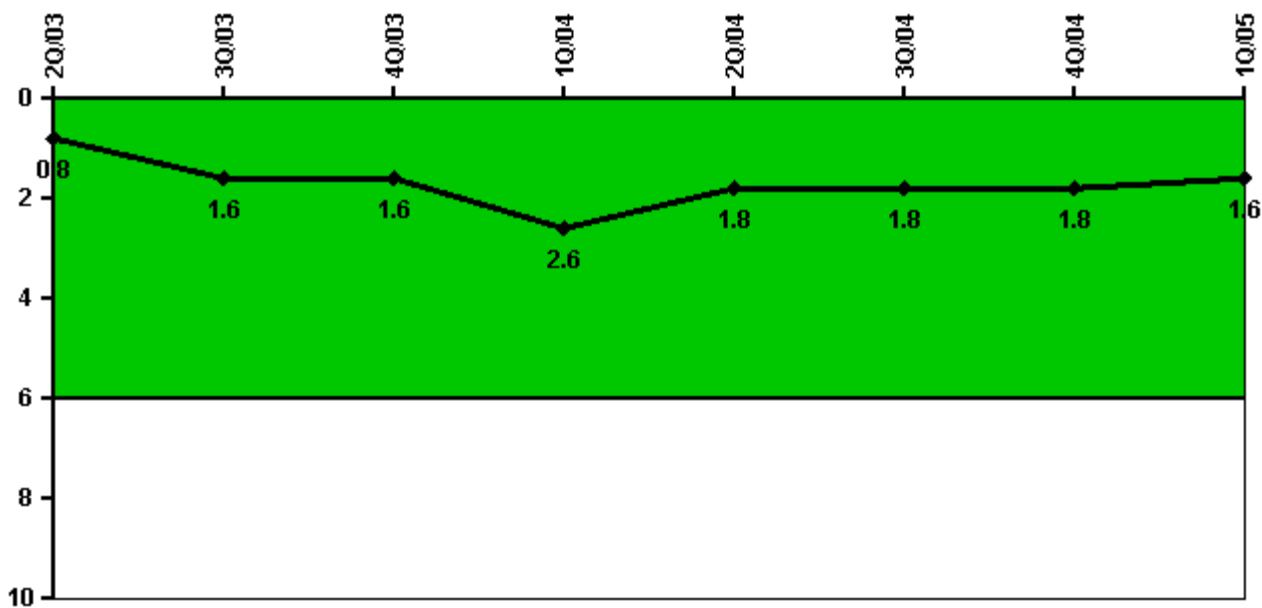
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



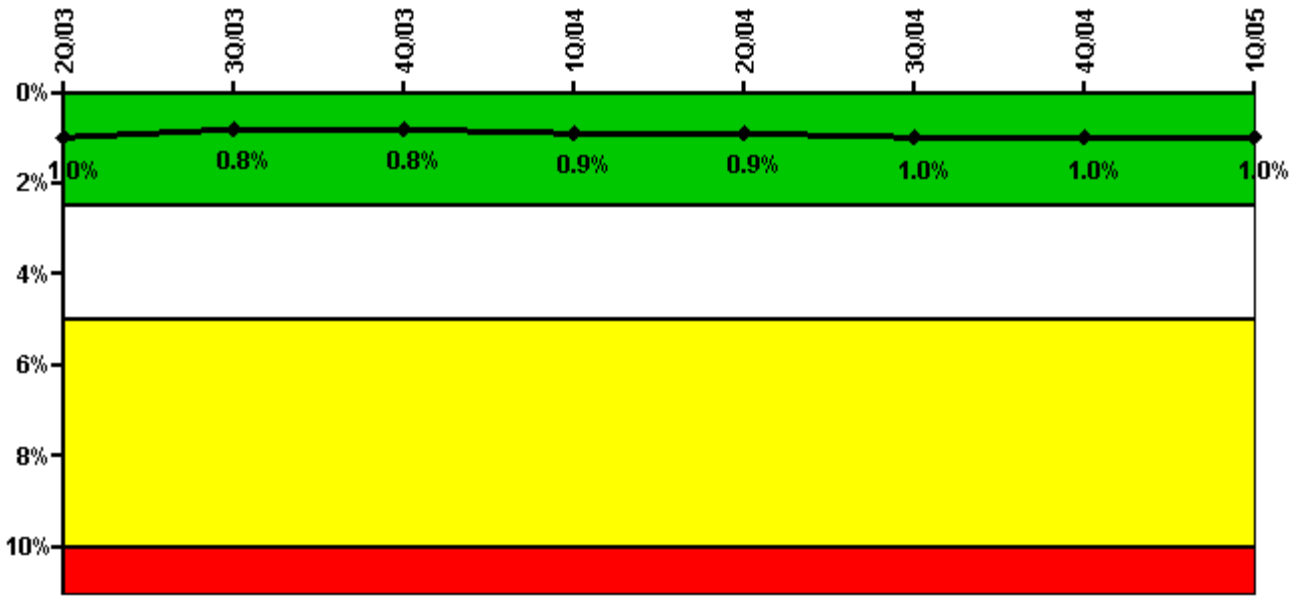
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	1.0	1.0	0	1.0	0	1.0	0	1.0
Critical hours	2183.0	2162.1	2209.0	1403.3	2183.0	2137.2	2209.0	2160.0
Indicator value	0.8	1.6	1.6	2.6	1.8	1.8	1.8	1.6

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



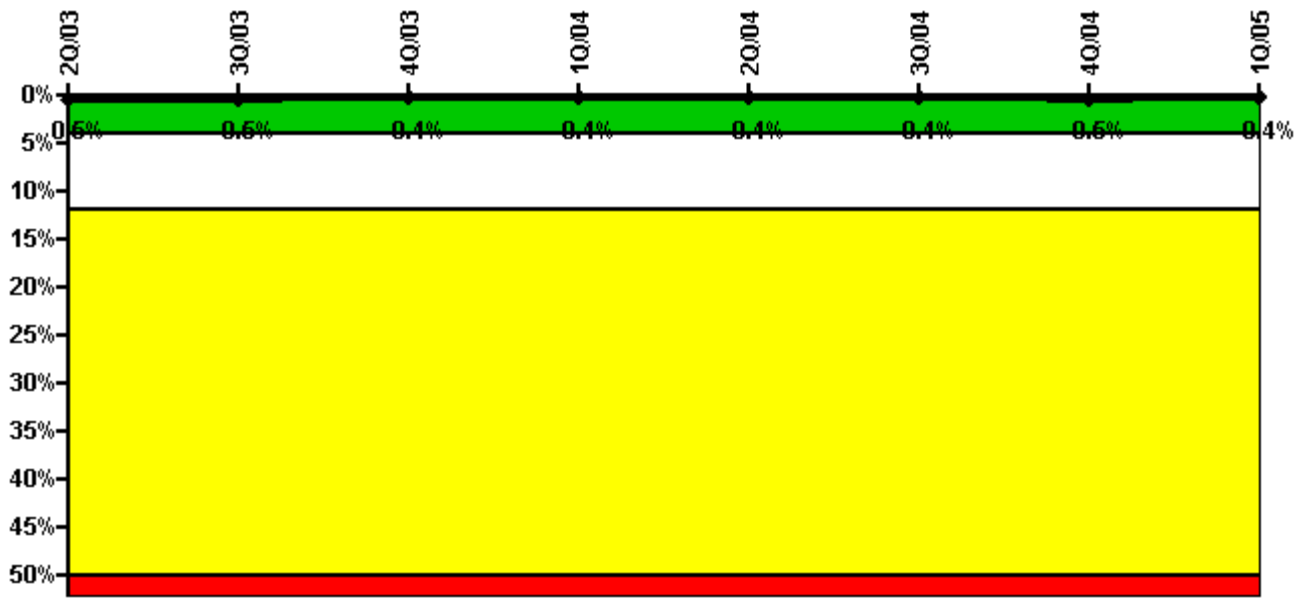
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	43.43	5.25	1.12	19.05	1.48	3.71	1.30	7.06
Unplanned unavailable hours	0	0	0	1.90	0.90	0	0	4.10
Fault exposure hours	0	0	0	1.80	55.74	124.21	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	14.54	1.08	16.61	0.65	0.70	6.63	12.15	1.00
Unplanned unavailable hours	0	0	0	0	0	0.68	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	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	1.0%	0.8%	0.8%	0.9%	0.9%	1.0%	1.0%	1.0%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



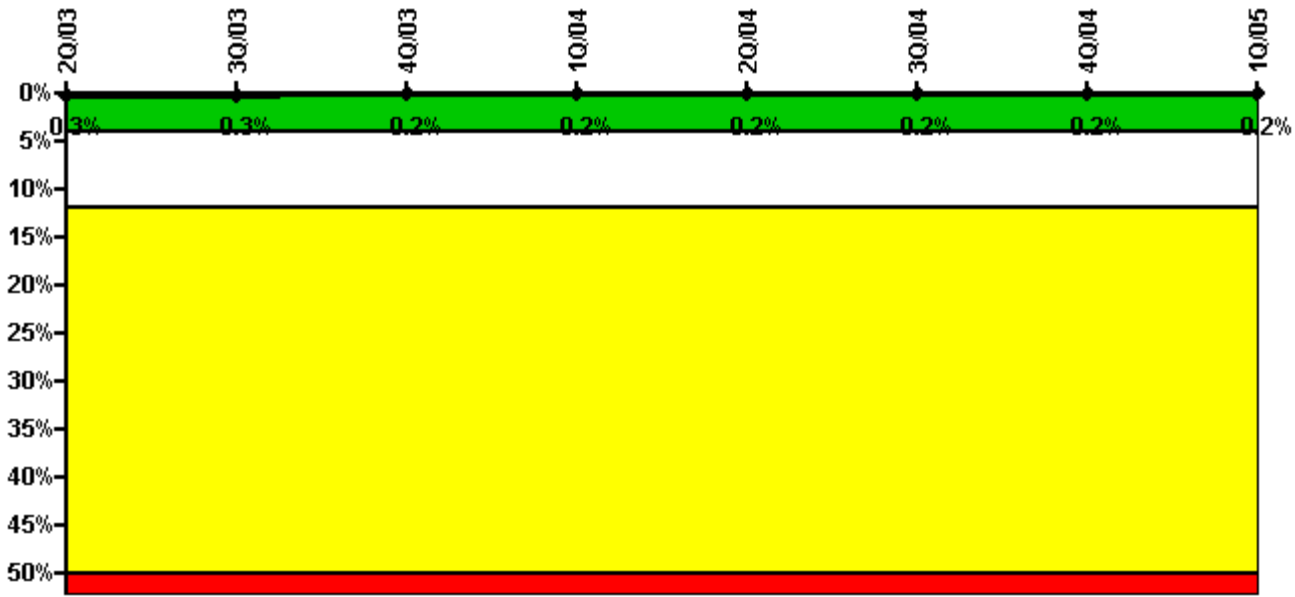
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	14.30	9.00	15.80	0.30	1.00	9.80	19.30	1.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	1.80	0	0	0.28	0.43	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2162.10	2209.00	1403.30	2183.00	2137.22	2209.00	2160.00
Indicator value	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



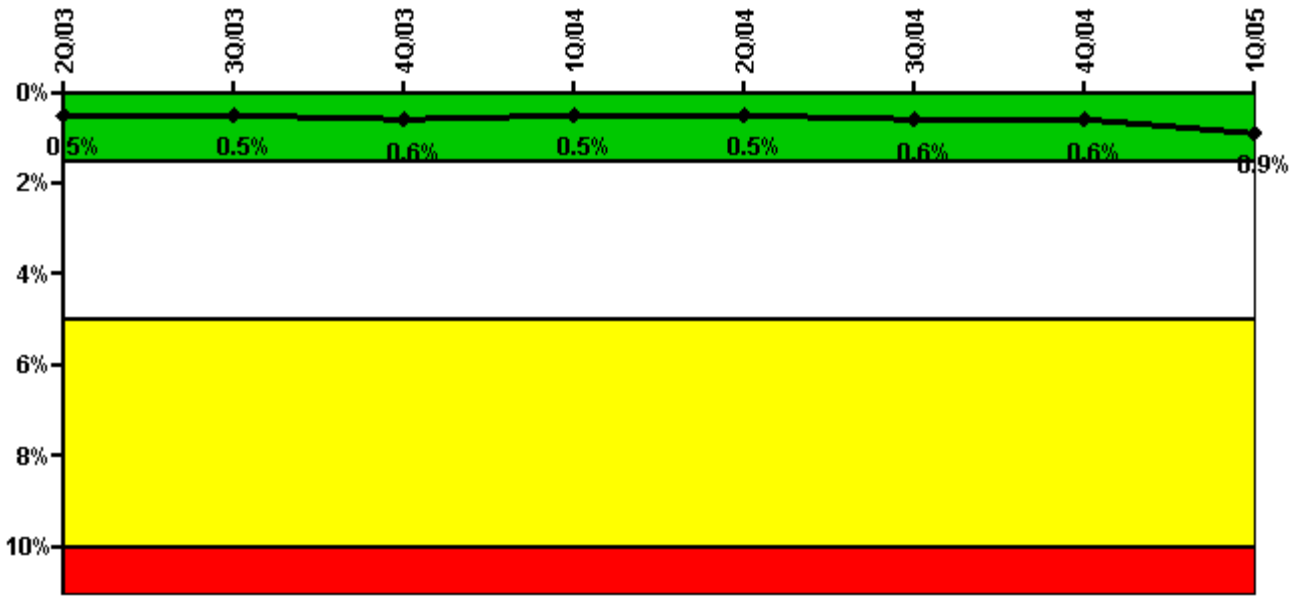
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	32.10	0.40	0.50	6.80	1.50	1.10	7.40	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	2183.00	2162.10	2209.00	1403.30	2183.00	2137.22	2209.00	2160.00
Indicator value	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



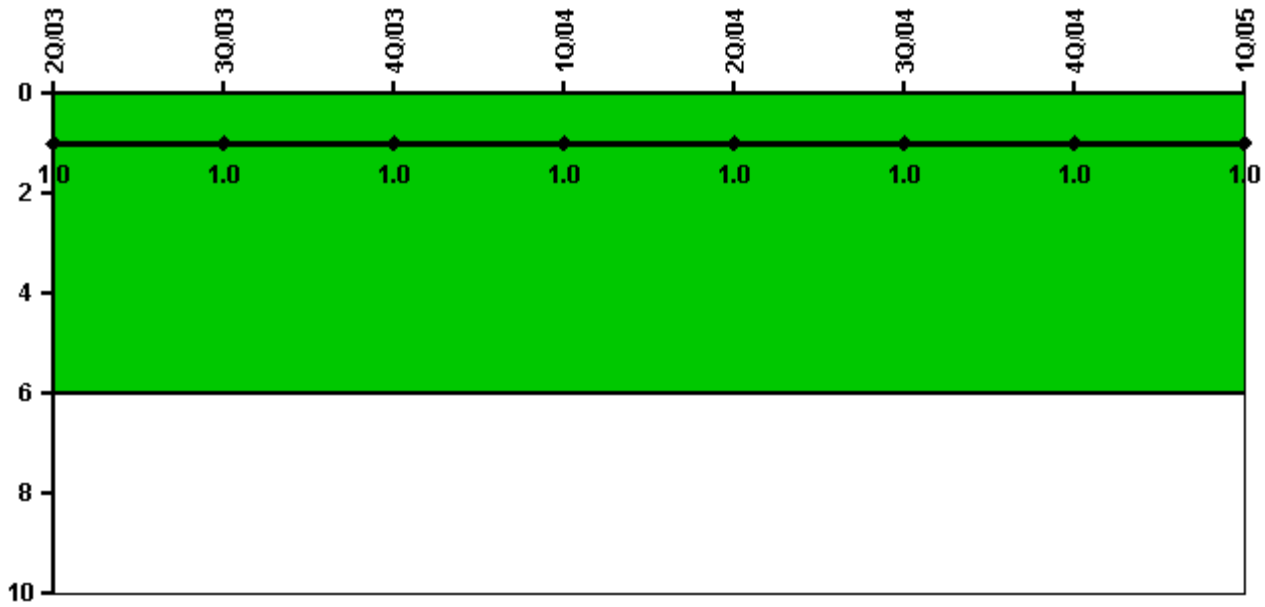
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	0	18.60	0	0	2.30	43.30	12.60	0
Unplanned unavailable hours	0	0	0	0	0	0	0	101.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	14.00	68.90	0	1.10	52.90	0	11.60
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	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.5%	0.5%	0.6%	0.5%	0.5%	0.6%	0.6%	0.9%

Licensee Comments: none

Safety System Functional Failures (BWR)



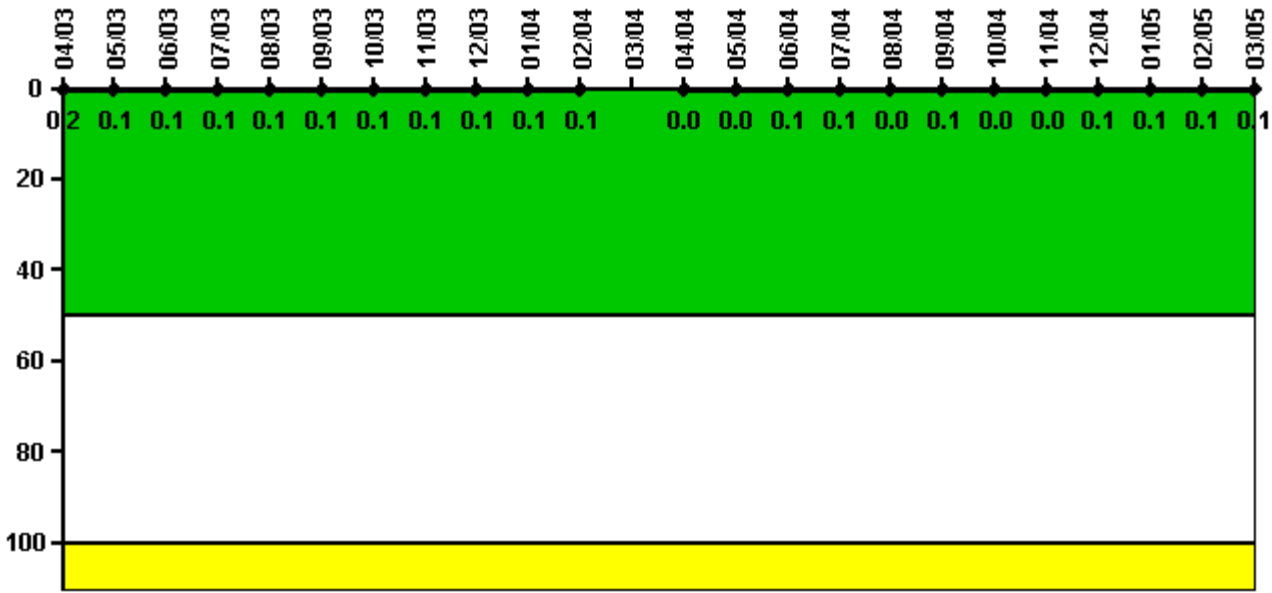
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

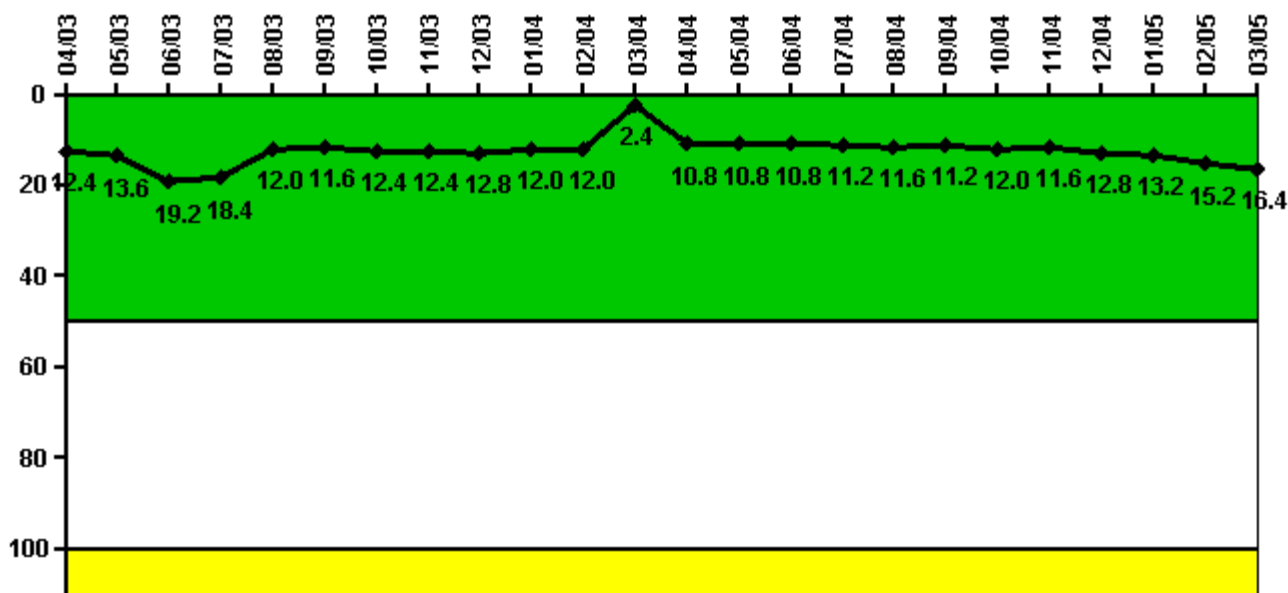
Notes

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.000349	0.000278	0.000289	0.000267	0.000274	0.000282	0.000274	0.000260	0.000281	0.000267	0.000244	N/A
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	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A

Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.000081	0.000063	0.000174	0.000105	0.000097	0.000103	0.000099	0.000091	0.000117	0.000107	0.000164	0.000147
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	0.1	0	0	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

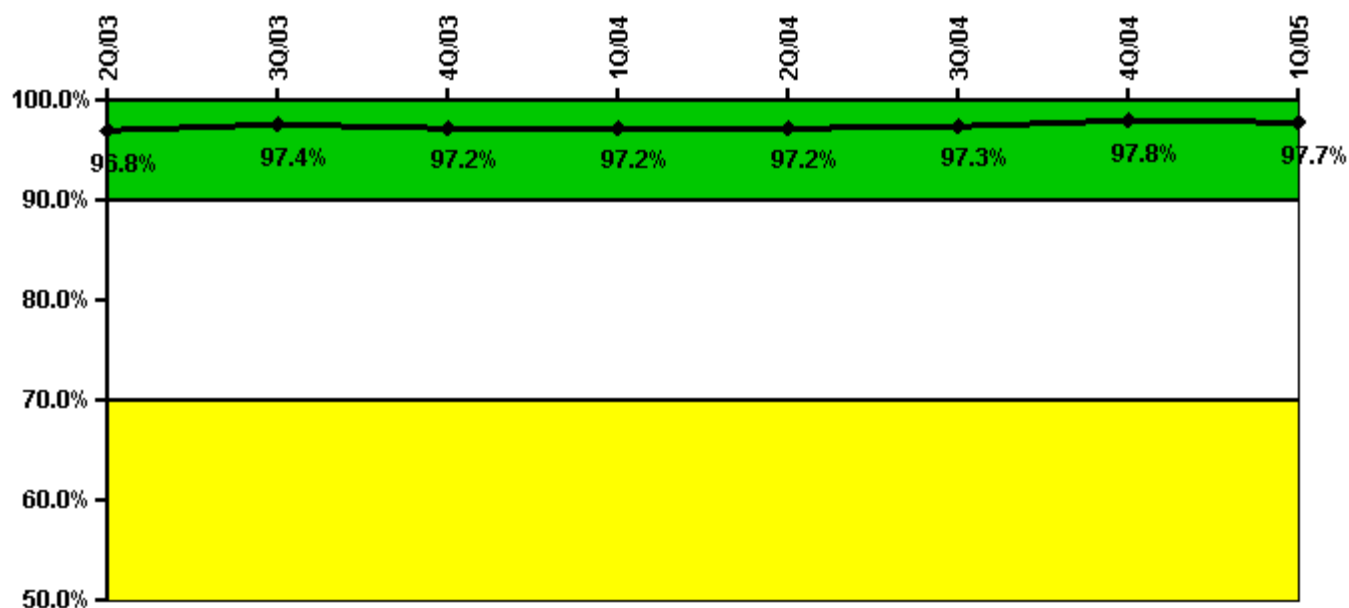
Notes

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	3.100	3.400	4.800	4.600	3.000	2.900	3.100	3.100	3.200	3.000	3.000	0.600
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	12.4	13.6	19.2	18.4	12.0	11.6	12.4	12.4	12.8	12.0	12.0	2.4

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	2.700	2.700	2.700	2.800	2.900	2.800	3.000	2.900	3.200	3.300	3.800	4.100
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	10.8	10.8	10.8	11.2	11.6	11.2	12.0	11.6	12.8	13.2	15.2	16.4

Licensee Comments: none

Drill/Exercise Performance



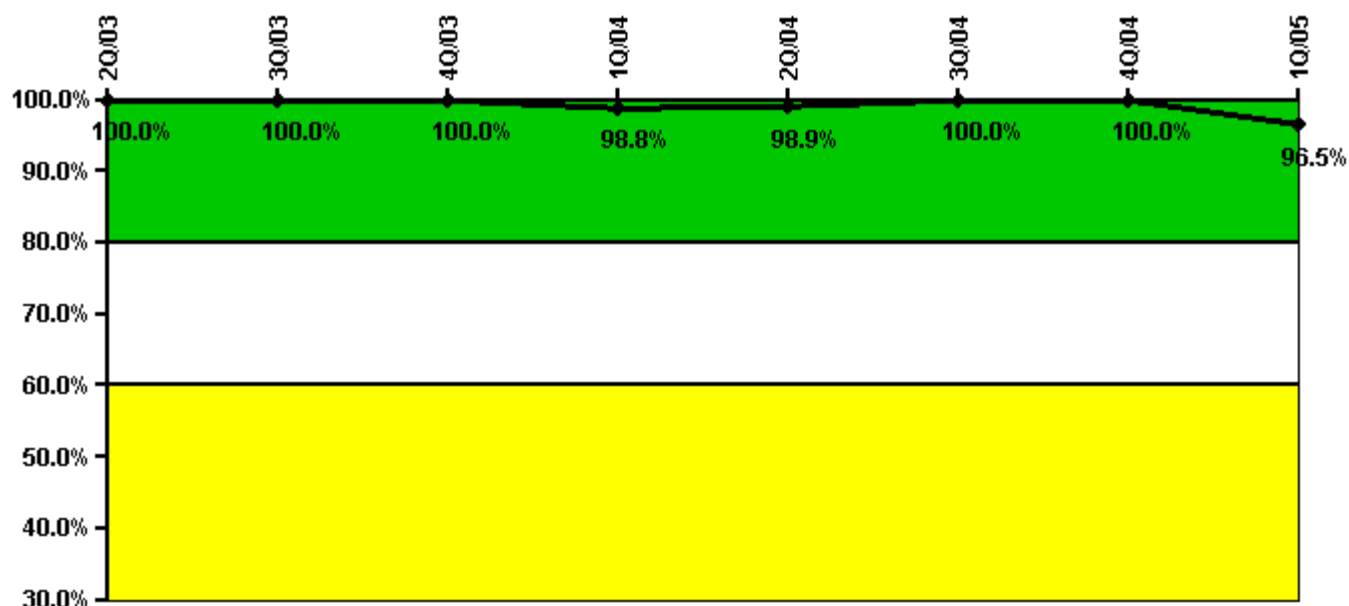
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	51.0	36.0	10.0	0	0	55.0	20.0	0
Total opportunities	52.0	37.0	10.0	0	0	57.0	20.0	0
Indicator value	96.8%	97.4%	97.2%	97.2%	97.2%	97.3%	97.8%	97.7%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

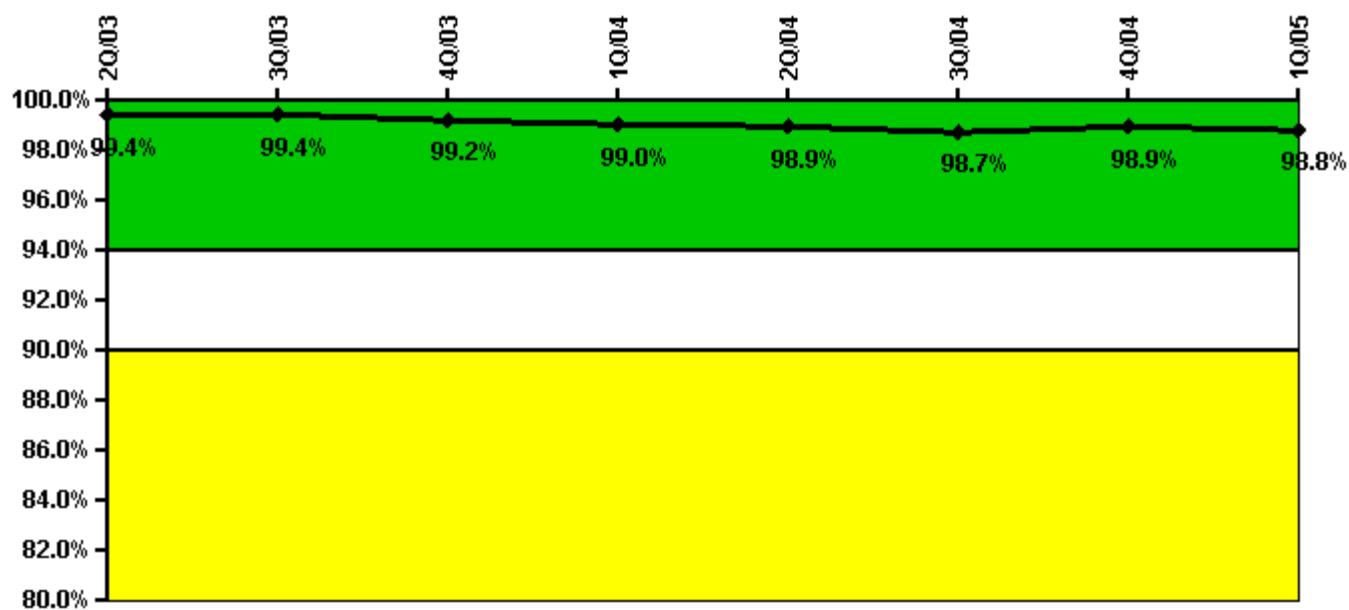
Notes

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	82.0	93.0	88.0	83.0	86.0	93.0	81.0	110.0
Total Key personnel	82.0	93.0	88.0	84.0	87.0	93.0	81.0	114.0
Indicator value	100.0%	100.0%	100.0%	98.8%	98.9%	100.0%	100.0%	96.5%

Licensee Comments:

1Q/05: The number of key ERO members has been increased from 81 to 114 based on an assessment of industry practices.

Alert & Notification System



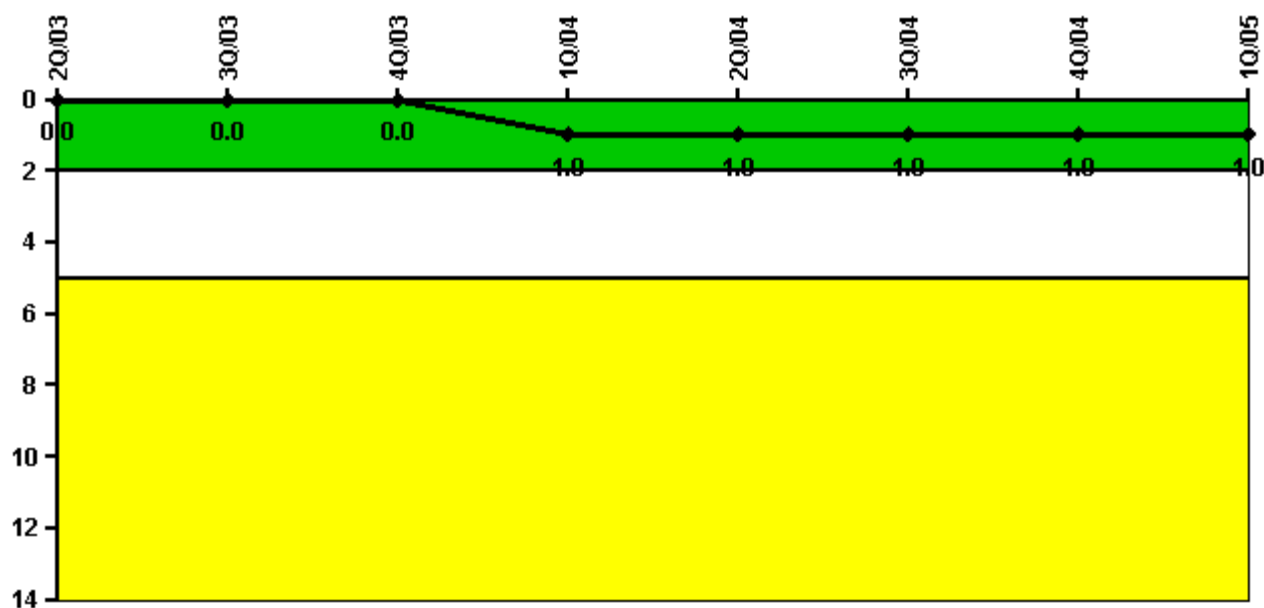
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	286	252	317	285	356	499	534	497
Total sirens-tests	288	252	324	288	360	504	540	504
Indicator value	99.4%	99.4%	99.2%	99.0%	98.9%	98.7%	98.9%	98.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



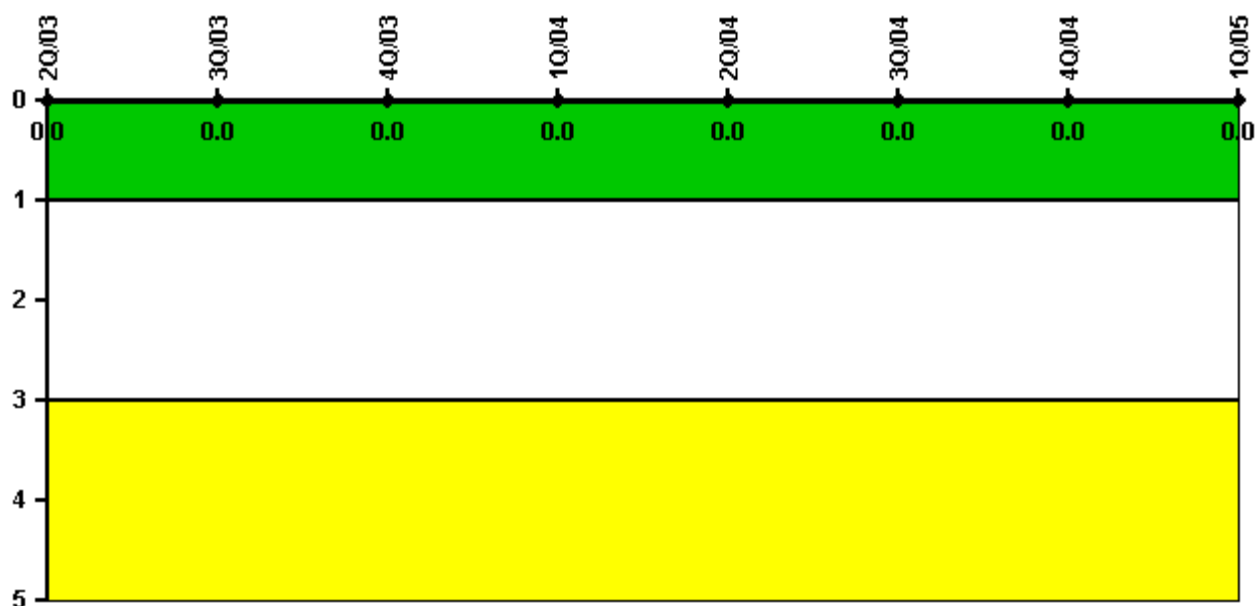
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
High radiation area occurrences	0	0	0	0	0	0	0	1
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	1	0	0	0	0
Indicator value	0	0	0	1	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/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: June 17, 2005