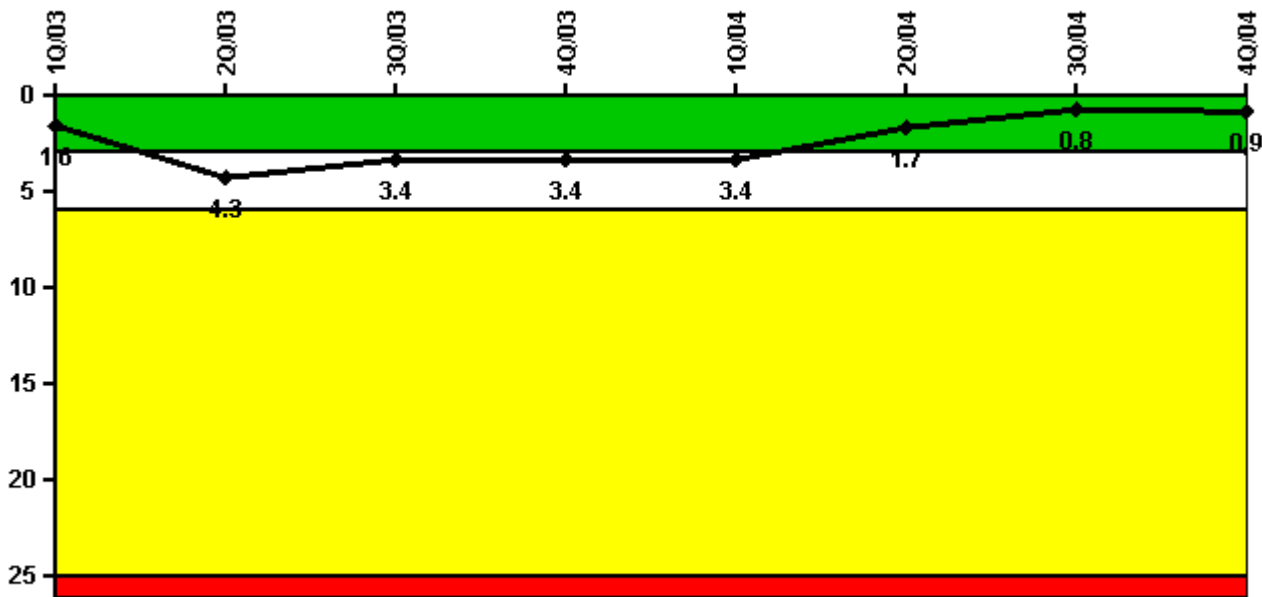


Harris 1

4Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



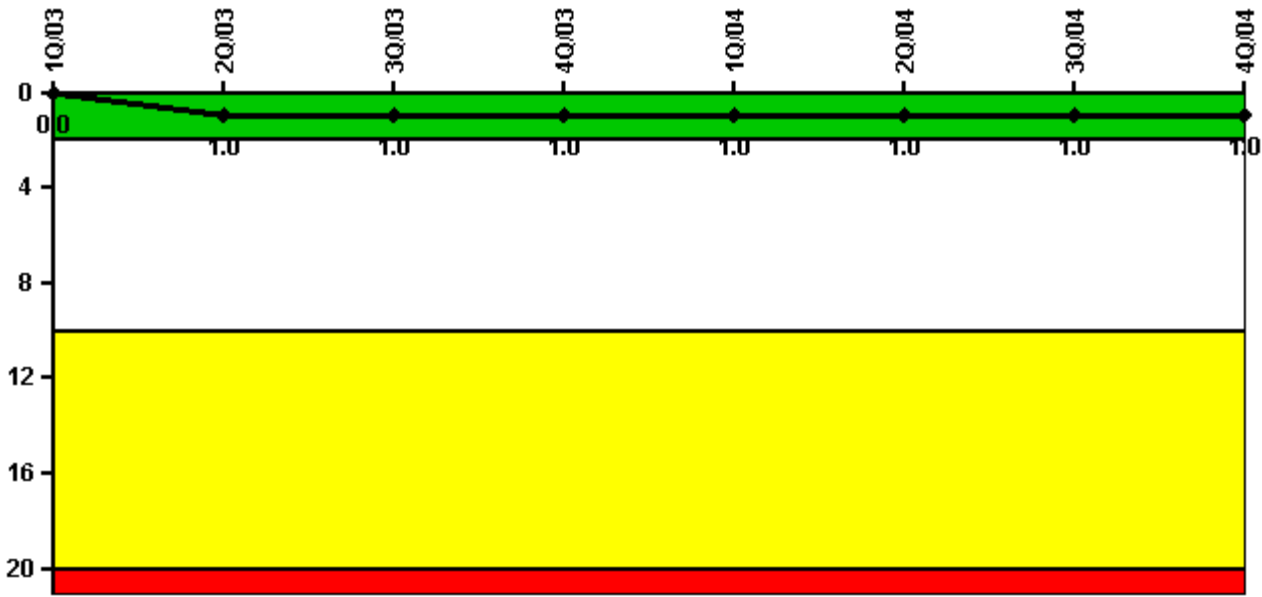
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	3.0	1.0	0	0	1.0	0	0
Critical hours	2160.0	1605.6	2190.4	2209.0	2184.0	1878.4	2208.0	1476.2
Indicator value	1.6	4.3	3.4	3.4	3.4	1.7	0.8	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



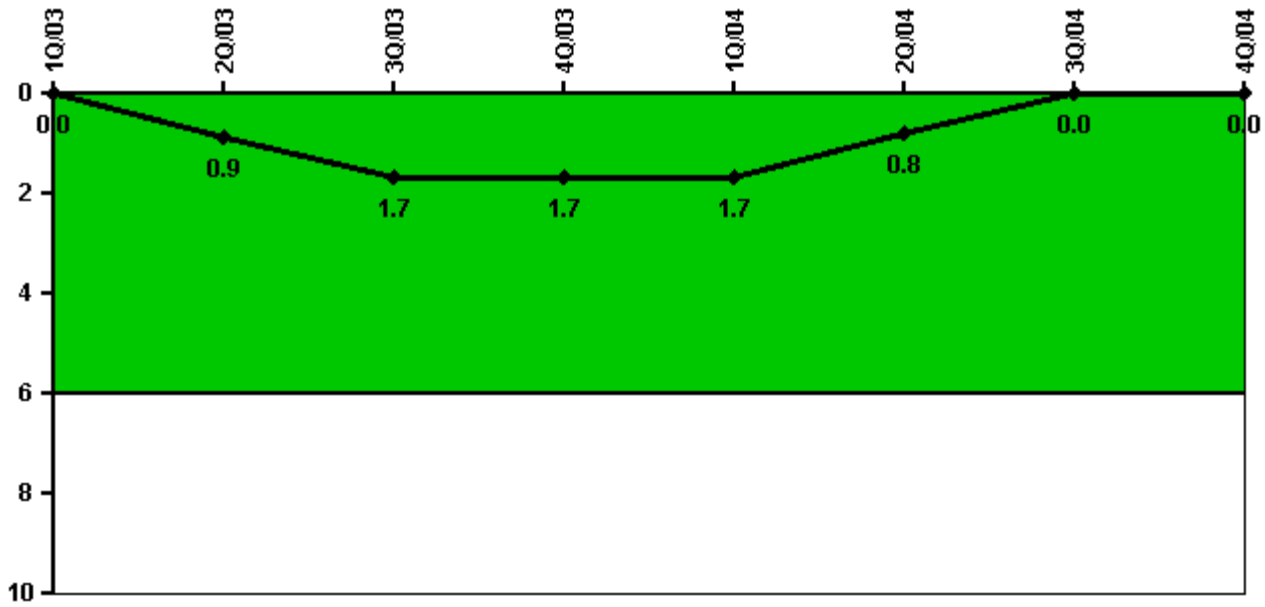
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	0	1.0	0	0	0	0	0	0
Indicator value	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



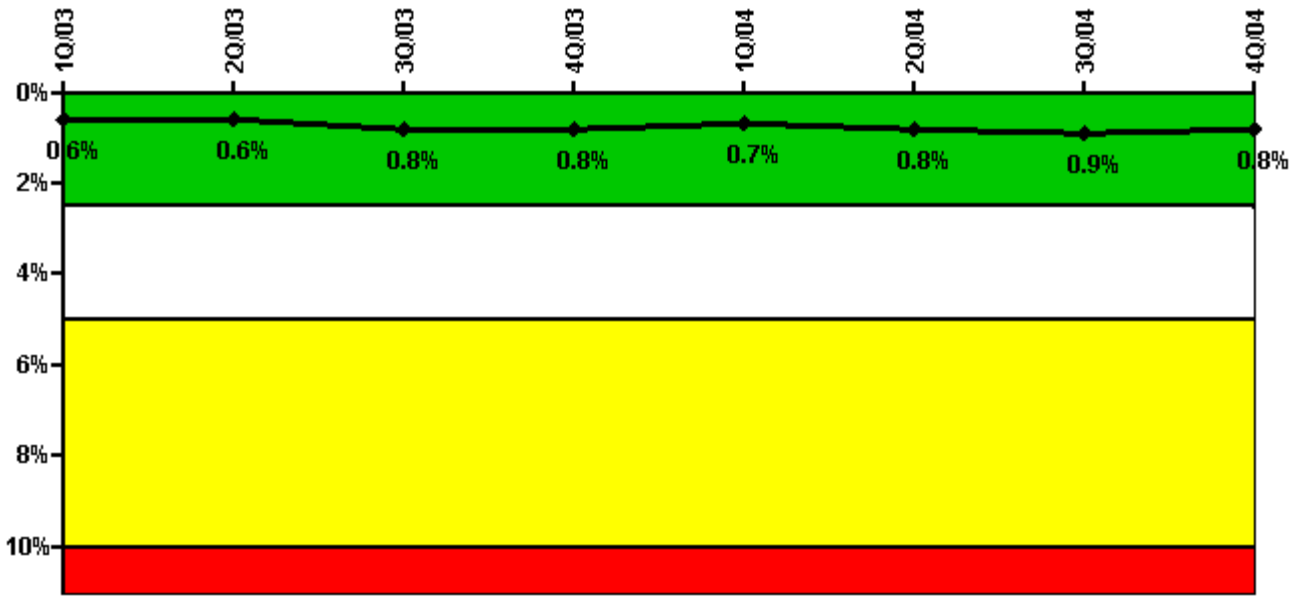
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	0	1.0	1.0	0	0	0	0	0
Critical hours	2160.0	1605.6	2190.4	2209.0	2184.0	1878.4	2208.0	1476.2
Indicator value	0	0.9	1.7	1.7	1.7	0.8	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



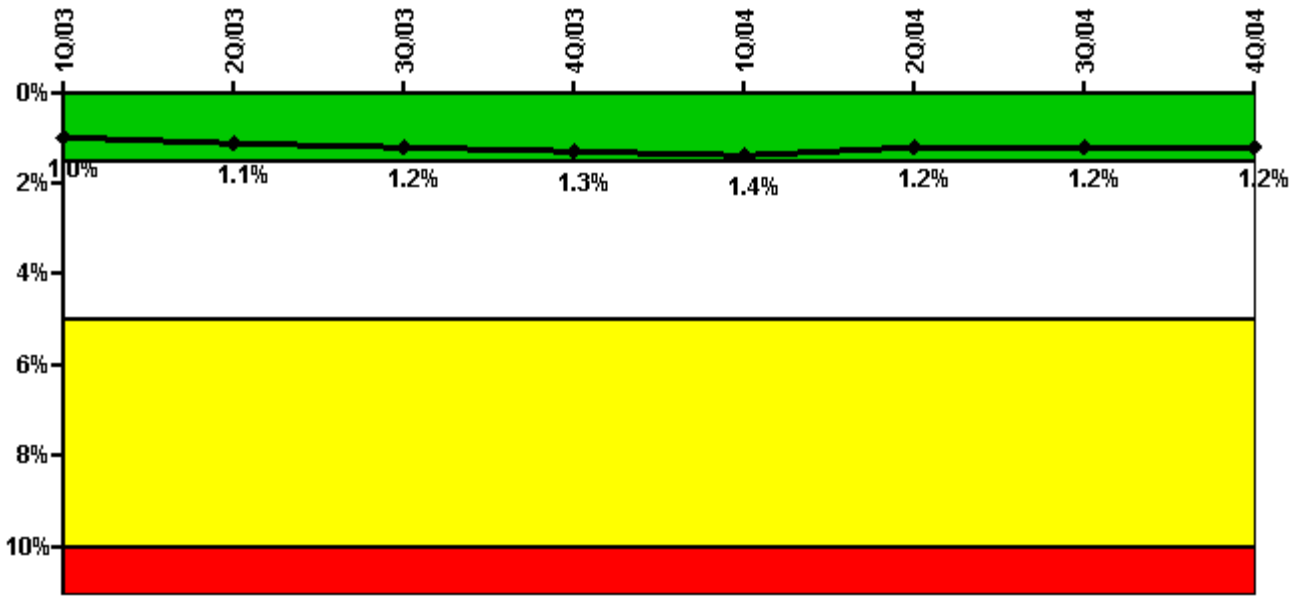
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	1.97	17.75	33.50	20.74	1.78	31.25	45.30	1.40
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	1859.58	2208.00	2209.00	2184.00	2105.83	2208.00	2081.50
Train 2								
Planned unavailable hours	24.03	2.57	68.78	8.45	20.37	2.95	36.70	5.10
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	2160.00	2152.97	2208.00	2209.00	2184.00	2025.87	2208.00	1941.80
Indicator value	0.6%	0.6%	0.8%	0.8%	0.7%	0.8%	0.9%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



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

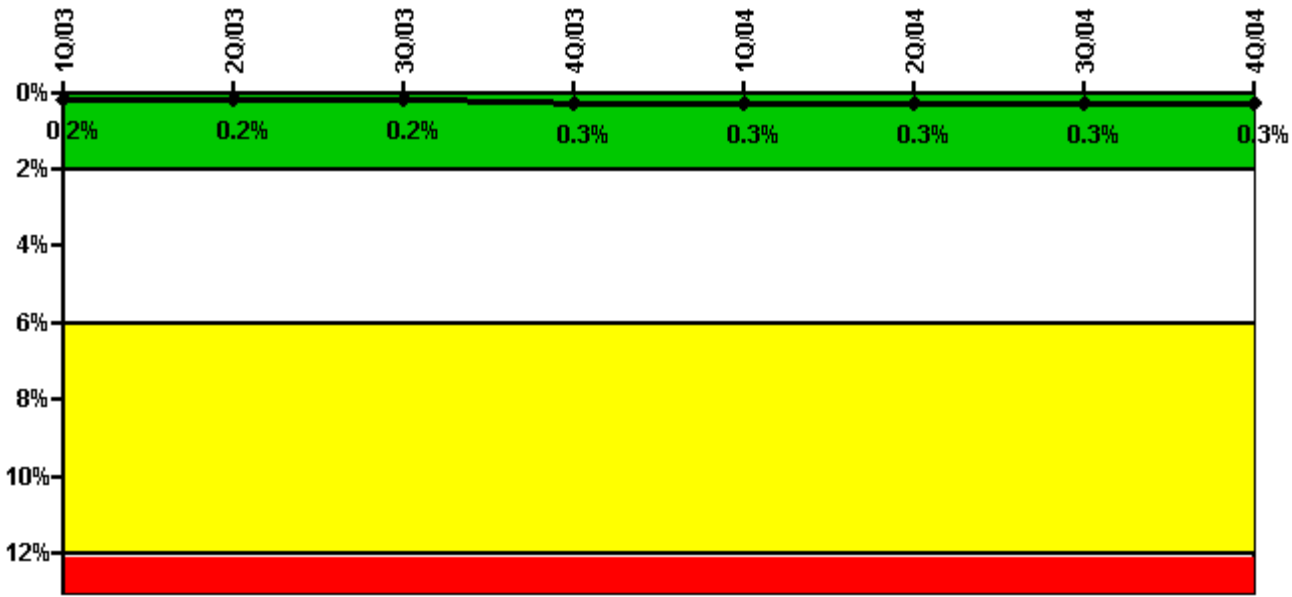
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	74.99	19.50	51.40	39.58	36.40	5.50	34.30	2.20
Unplanned unavailable hours	0	0	0	0	0	0	9.00	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	1830.60	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30
Train 2								
Planned unavailable hours	41.42	17.13	25.30	21.20	10.70	1.20	4.10	1.80
Unplanned unavailable hours	7.65	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	1830.60	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30
Indicator value	1.0%	1.1%	1.2%	1.3%	1.4%	1.2%	1.2%	1.2%

Licensee Comments:

1Q/03: 1.1 hours of planned unavailability was added to the March 2003 data for Train 1. This additional unavailability was accrued during testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

Safety System Unavailability, Heat Removal System (AFW)



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

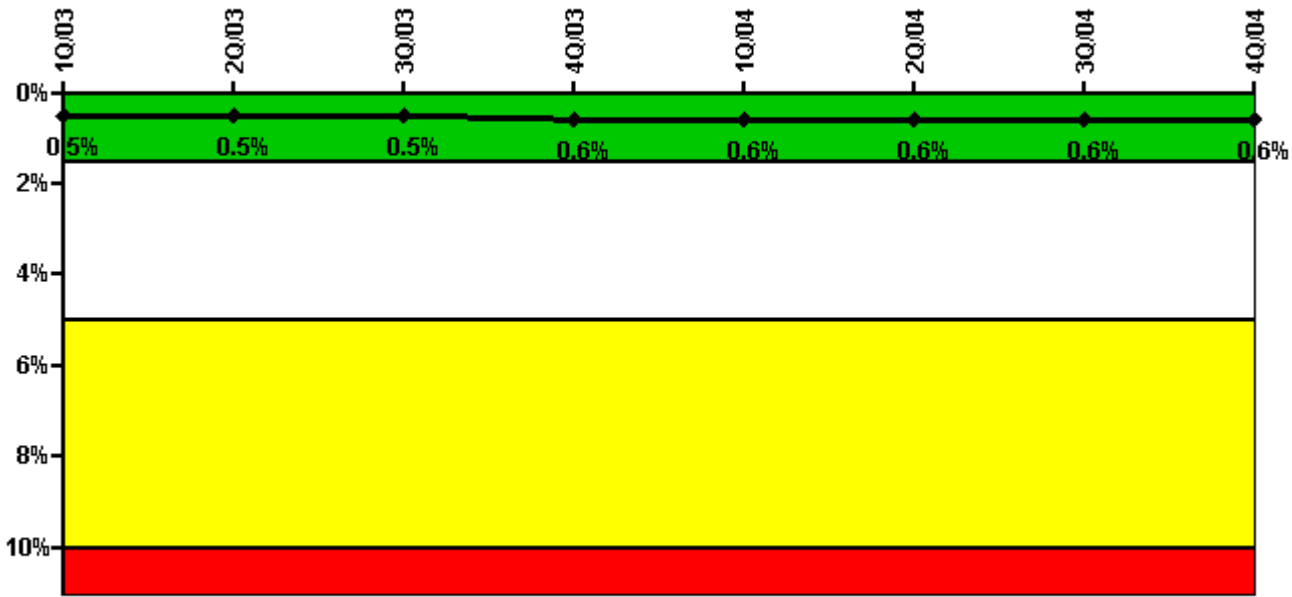
Notes

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	3.40	1.13	7.70	1.20	10.40	2.50	3.80	7.00
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	1731.15	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30
Train 2								
Planned unavailable hours	5.20	2.83	10.60	1.20	2.50	1.70	11.30	0.90
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	1731.15	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30
Train 3								
Planned unavailable hours	21.80	5.57	19.50	0	0	6.50	6.20	0.90
Unplanned unavailable hours	0	0	0	27.50	0	38.20	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	1731.15	2208.00	2209.00	2184.00	1878.40	2208.00	1476.30
Indicator value	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%

Licensee Comments:

1Q/03: 1.1 hours of planned unavailability was added to the March 2003 data for Train 1. This additional unavailability was accrued during testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

Safety System Unavailability, Residual Heat Removal System



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

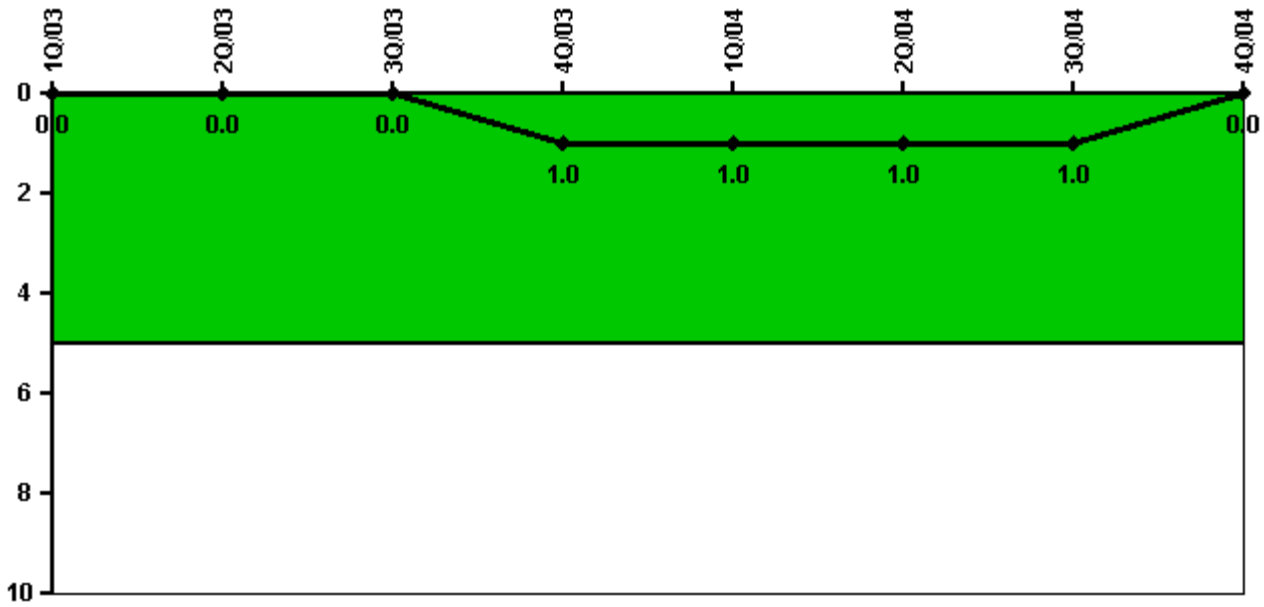
Notes

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	7.22	15.05	24.40	8.60	15.40	14.60	40.40	8.90
Unplanned unavailable hours	0	0	0	0	0	8.10	0	3.20
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	2097.50	2208.00	2209.00	2184.00	2183.00	2208.00	2208.00
Train 2								
Planned unavailable hours	31.90	5.17	12.90	12.00	3.10	1.20	15.60	0.90
Unplanned unavailable hours	0	0	0	0	0	0	0	1.40
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	2097.50	2208.00	2209.00	2184.00	2183.00	2208.00	2208.00
Indicator value	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments:

1Q/03: 1.1 hours of planned unavailability was added to the March 2003 data for Train 1. This additional unavailability was accrued during testing and identified by HNP during a review of previously submitted safety system unavailability data. This correction does not affect the color of the performance indicator.

Safety System Functional Failures (PWR)



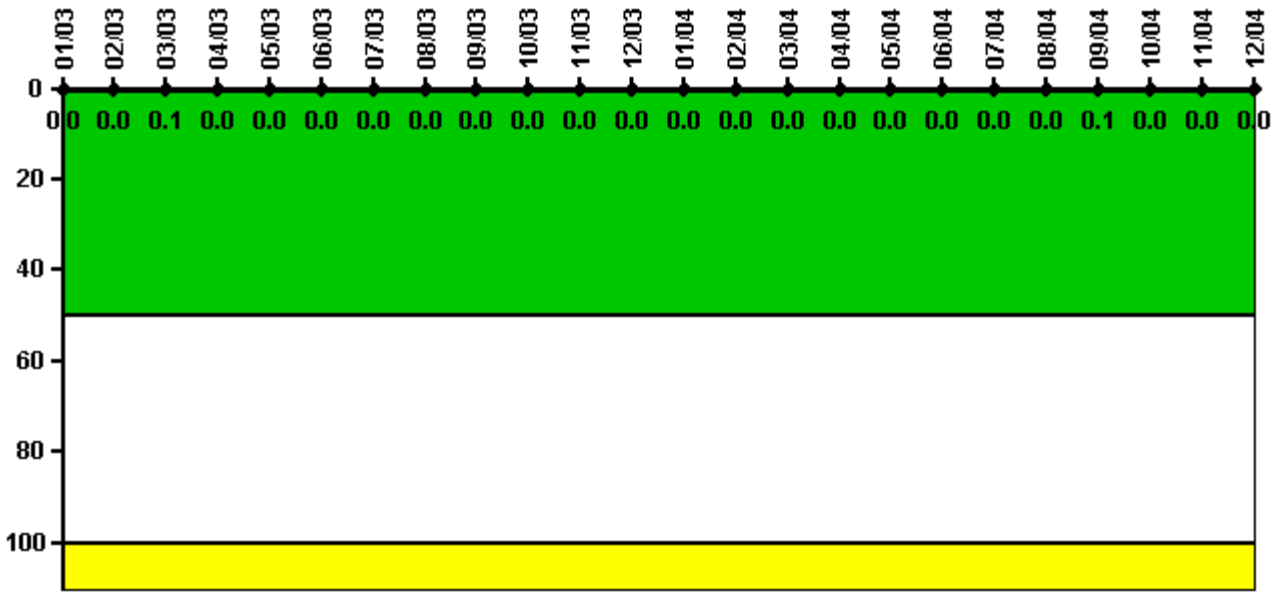
Thresholds: White > 5.0

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	1	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

Reactor Coolant System Activity



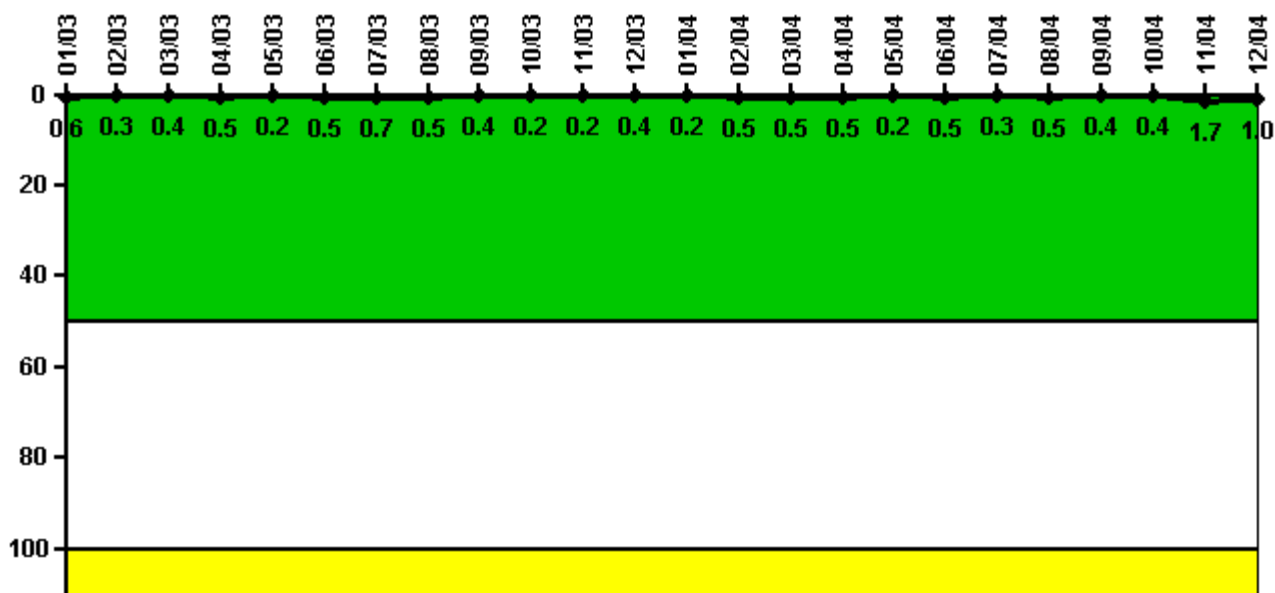
Thresholds: White > 50.0 Yellow > 100.0

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	0.000194	0.000199	0.000732	0.000208	0.000072	0.000086	0.000092	0.000103	0.000100	0.000173	0.000099	0.000103
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	0.1	0	0	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	0.000109	0.000113	0.000110	0.000113	0.000117	0.000122	0.000125	0.000128	0.000528	0.000148	0.000059	0.000062
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	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

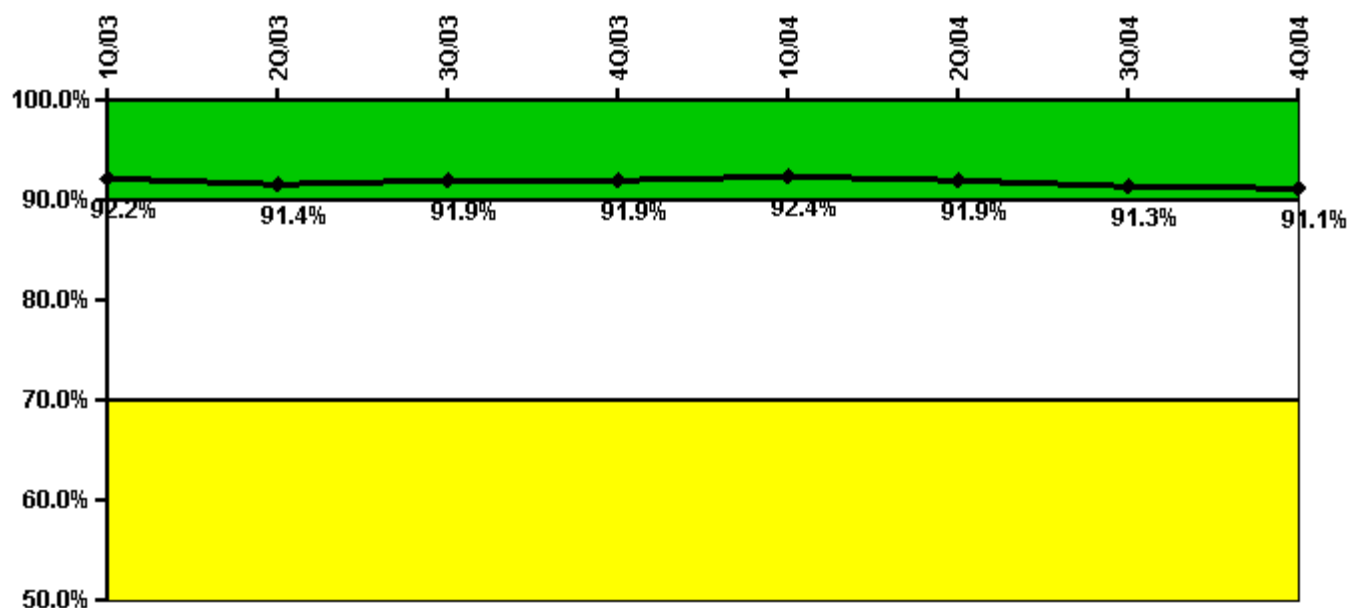
Notes

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	0.060	0.030	0.040	0.050	0.020	0.050	0.070	0.050	0.040	0.020	0.020	0.040
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	0.6	0.3	0.4	0.5	0.2	0.5	0.7	0.5	0.4	0.2	0.2	0.4

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	0.050	0.050	0.050	0.020	0.050	0.030	0.050	0.040	0.040	0.170	0.100
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	0.5	0.5	0.5	0.2	0.5	0.3	0.5	0.4	0.4	1.7	1.0

Licensee Comments: none

Drill/Exercise Performance



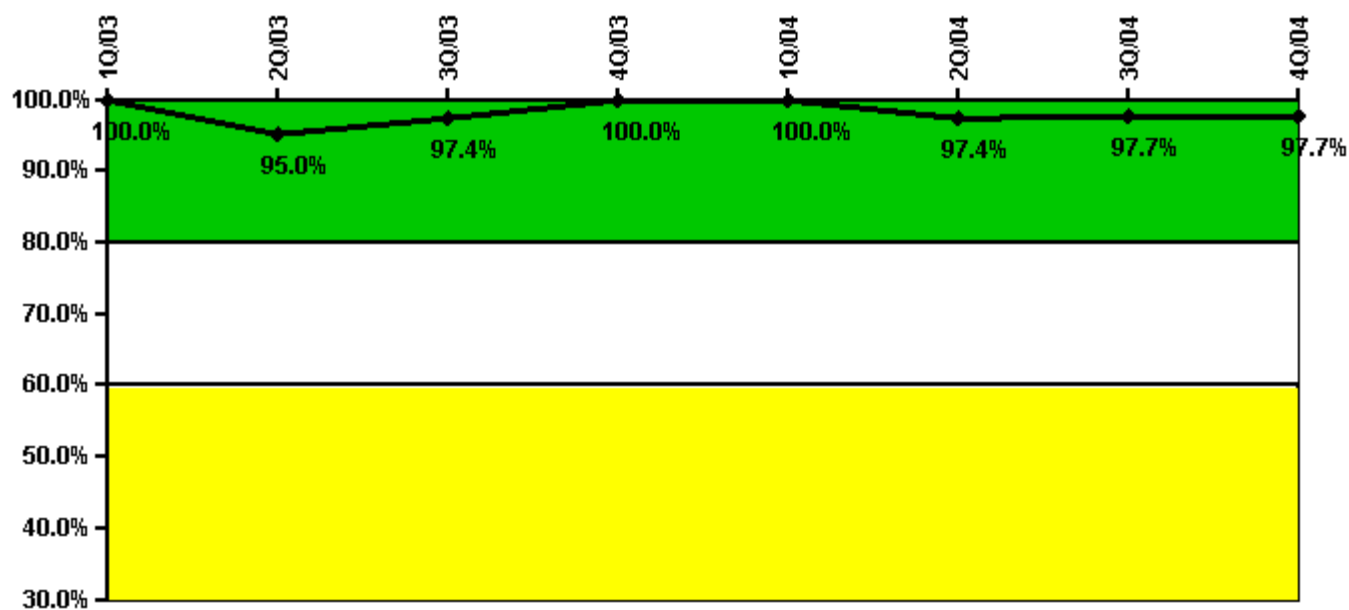
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	63.0	37.0	20.0	23.0	34.0	18.0	21.0	0
Total opportunities	73.0	40.0	20.0	25.0	36.0	20.0	23.0	0
Indicator value	92.2%	91.4%	91.9%	91.9%	92.4%	91.9%	91.3%	91.1%

Licensee Comments: none

ERO Drill Participation



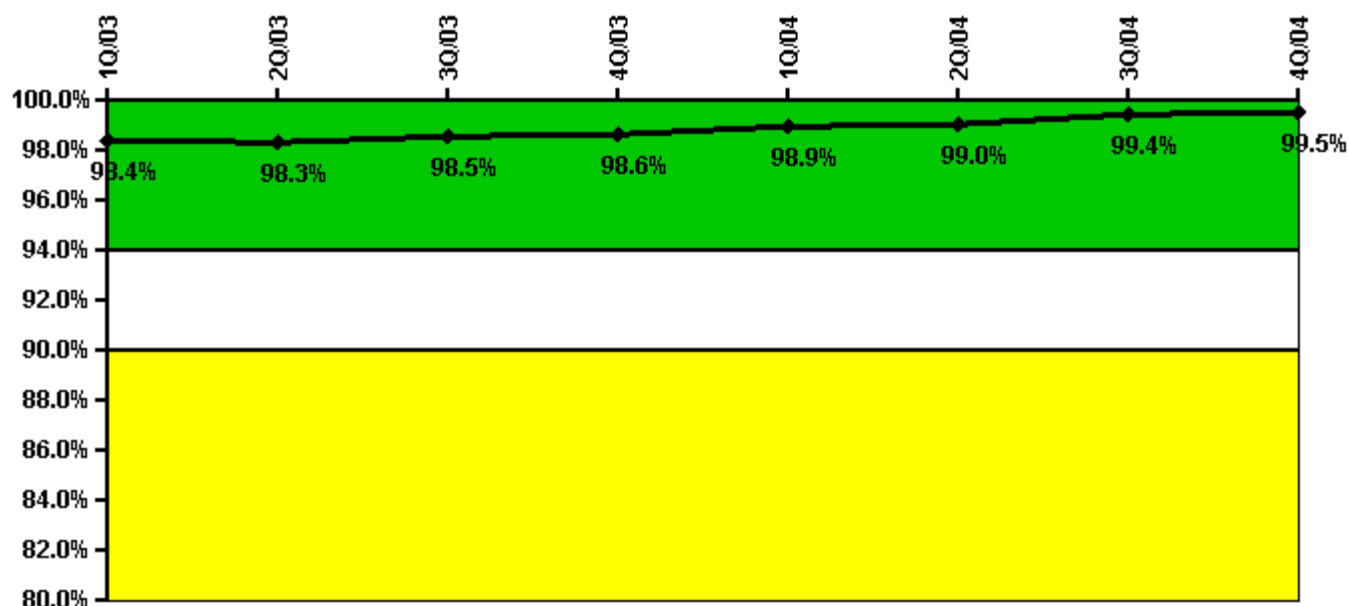
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Participating Key personnel	37.0	38.0	38.0	36.0	36.0	38.0	42.0	42.0
Total Key personnel	37.0	40.0	39.0	36.0	36.0	39.0	43.0	43.0
Indicator value	100.0%	95.0%	97.4%	100.0%	100.0%	97.4%	97.7%	97.7%

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	558	643	633	642	565	647	642	646
Total sirens-tests	567	648	648	648	567	648	648	649
Indicator value	98.4%	98.3%	98.5%	98.6%	98.9%	99.0%	99.4%	99.5%

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	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	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