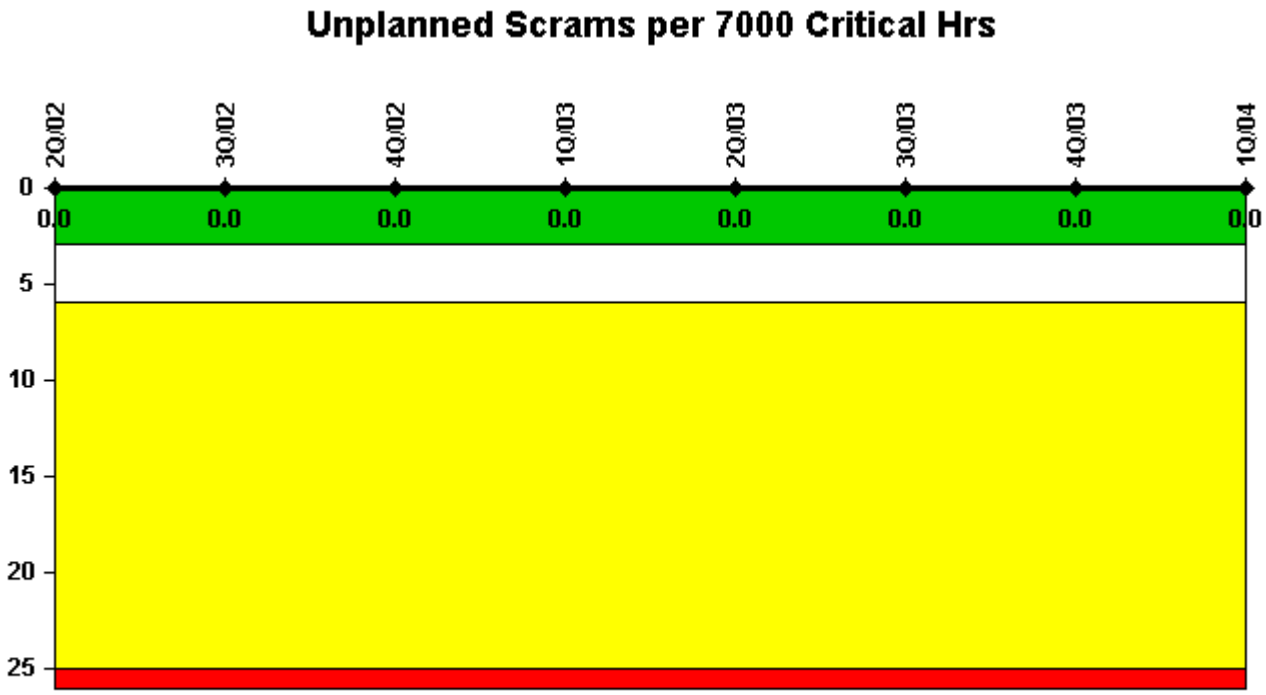
Hatch 1

1Q/2004 Performance Indicators

Licensee's General Comments: none



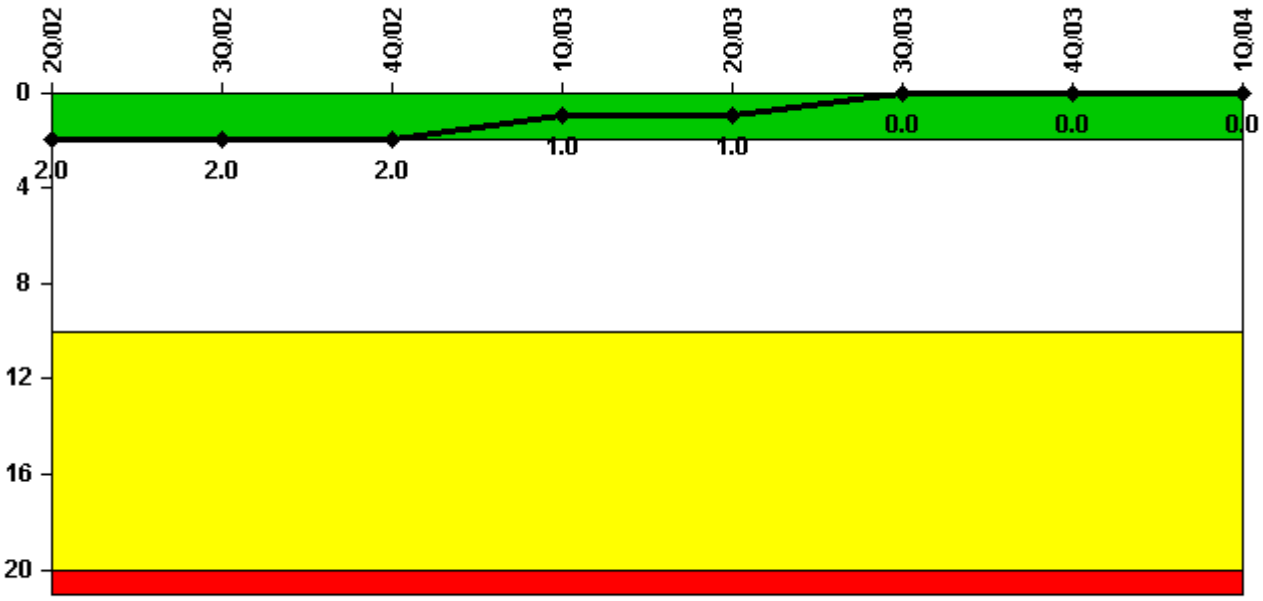
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1718.4	2208.0	2126.1	2160.0	1877.5	2208.0	2209.0	1519.1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



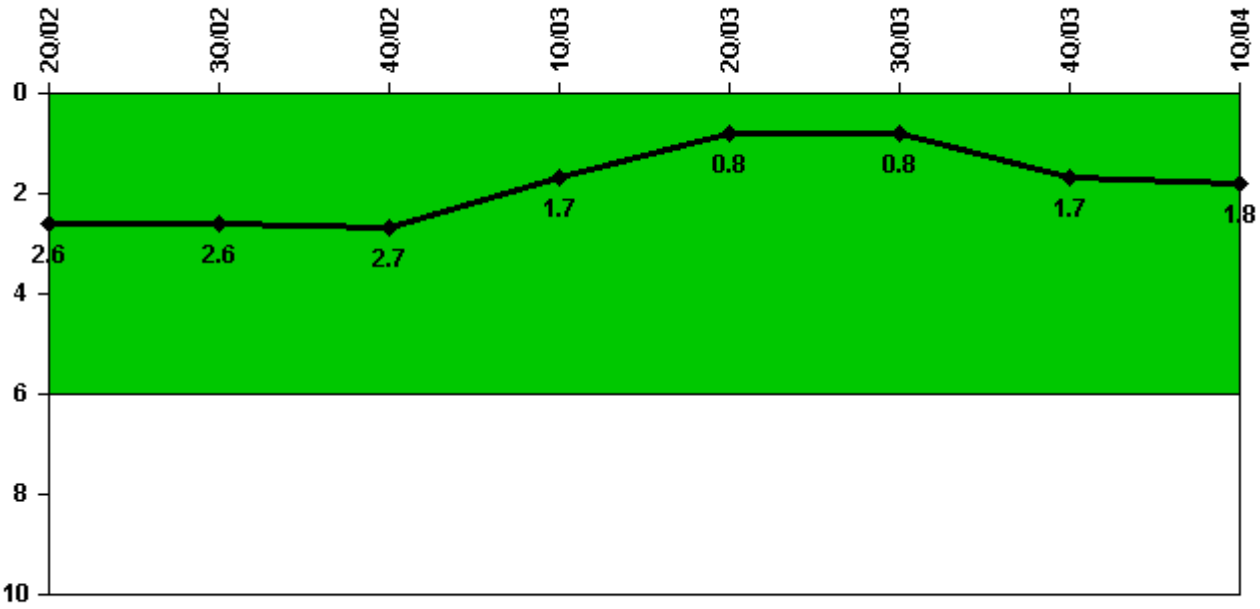
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**2.0**	**2.0**	**2.0**	**1.0**	**1.0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



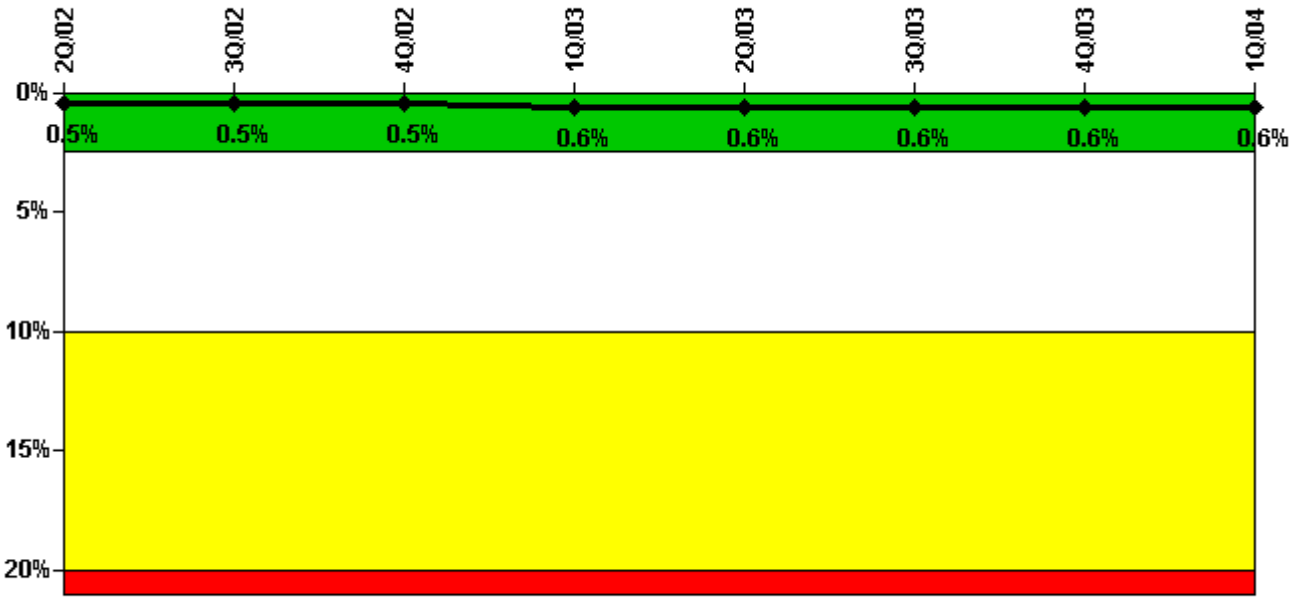
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned power changes	2.0	0	0	0	1.0	0	1.0	0
Critical hours	1718.4	2208.0	2126.1	2160.0	1877.5	2208.0	2209.0	1519.1
Indicator value	**2.6**	**2.6**	**2.7**	**1.7**	**0.8**	**0.8**	**1.7**	**1.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



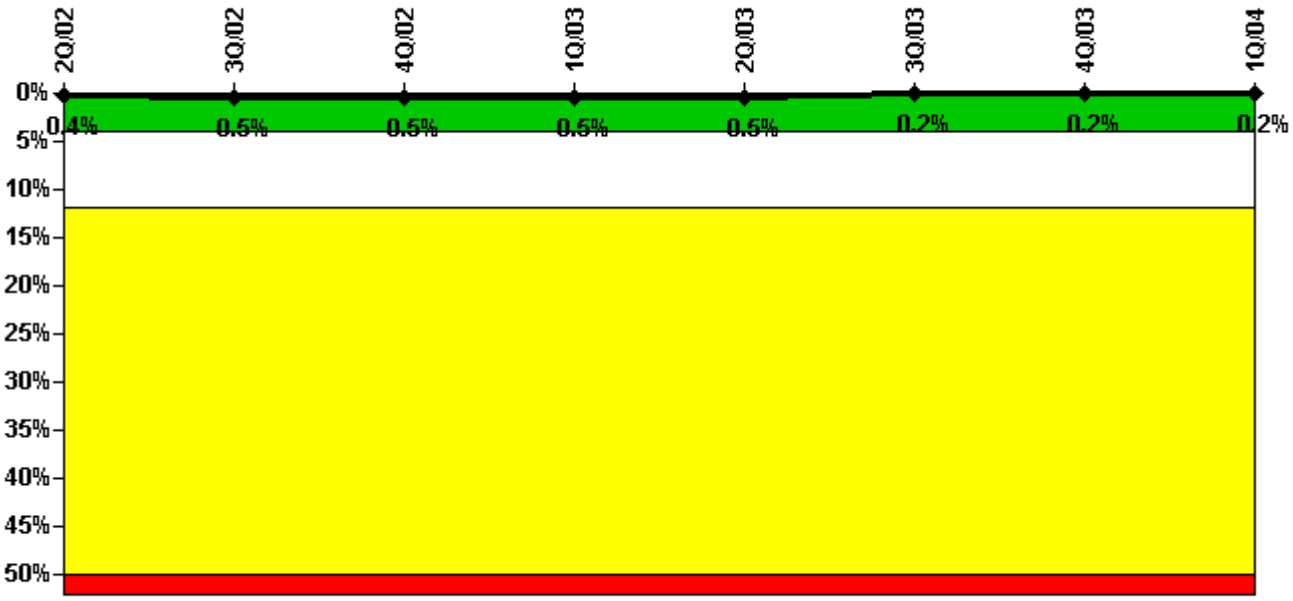
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	0	0	0.25	0	0	0	0
Unplanned unavailable hours	0	0	0	44.47	0	0	18.87	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	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	0	0	0	0.43	0	14.50	15.97	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 3								
Planned unavailable hours	0	0	0	6.43	39.80	0	0	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



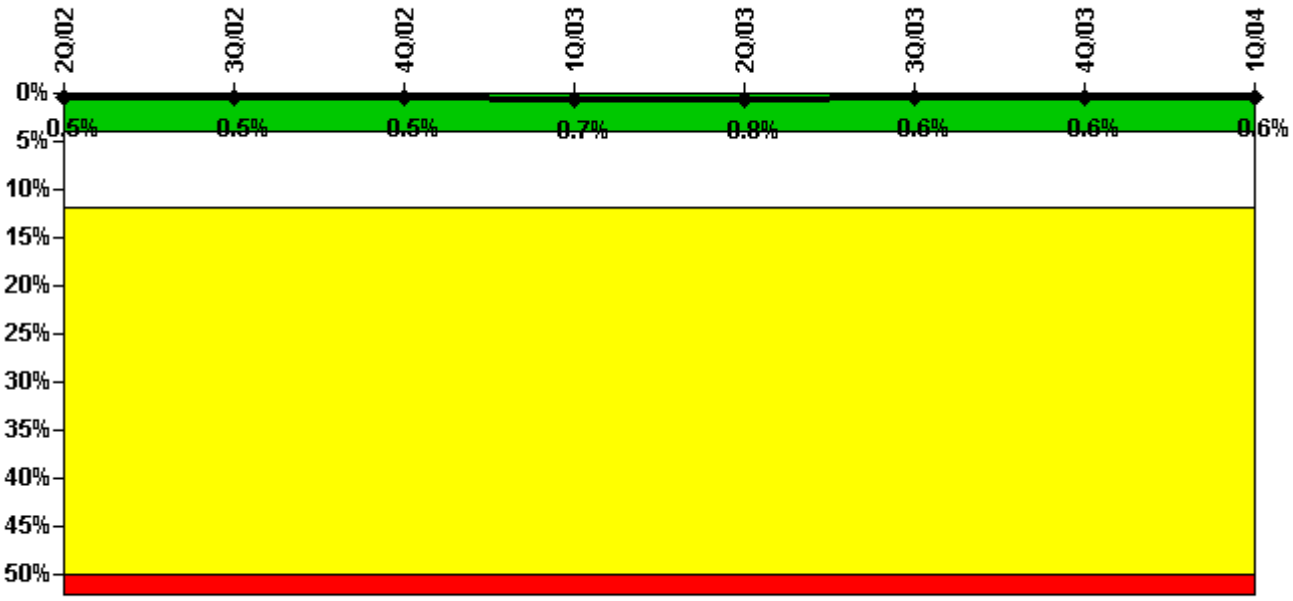
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	0	5.03	0	0	0	0	0
Unplanned unavailable hours	0	17.08	0	0	0	0	0	0
Fault exposure hours	0	11.58	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1718.42	2208.00	2126.12	2160.00	1877.51	2208.00	2209.00	1519.13
Indicator value	**0.4%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



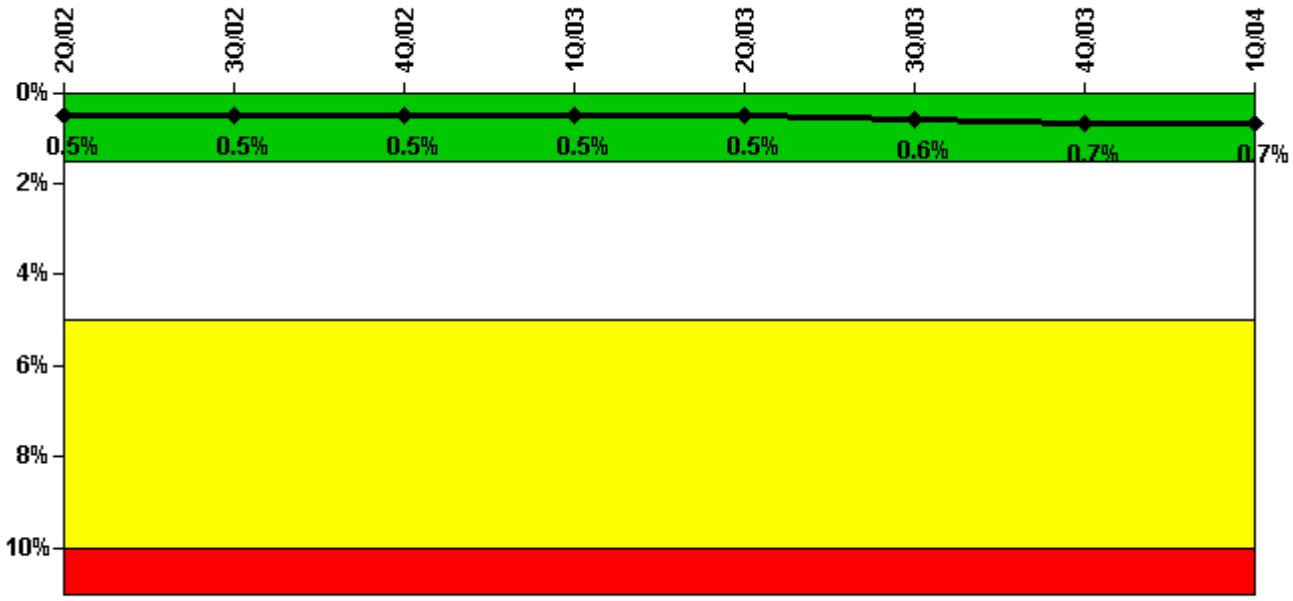
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	5.75	0.42	0.55	0.42	0.42	0.83	0.42	5.91
Unplanned unavailable hours	0	0	0	57.22	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	1718.42	2208.00	2126.12	2160.00	1877.51	2208.00	2209.00	1519.13
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.7%**	**0.8%**	**0.6%**	**0.6%**	**0.6%**

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/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	0	0	0	0	26.31	3.27	0
Unplanned unavailable hours	0.83	0	0	0	0	0	0	0
Fault exposure hours	3.17	21.43	0	0	0	42.60	83.67	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	67.93	0	4.97	0	7.55	0	45.42	11.66
Unplanned unavailable hours	0.83	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	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.5%**	**0.6%**	**0.7%**	**0.7%**

Licensee Comments:

4Q/03: (1Q2004) There has been a change to the hours previously reported for the time the 'A' RHRSW pump was unavailable due to the discovery of the 'C' RHRSW pump being INOP due to corroded anchor bolt nuts. After further review, it was determined the out of service hours should be classified as Fault Exposure Hours instead of Unplanned hours. This was due to the system being in an undetected inoperable condition. This affected 83.667 hours in November 2003. This does not affect the color of the indicator.

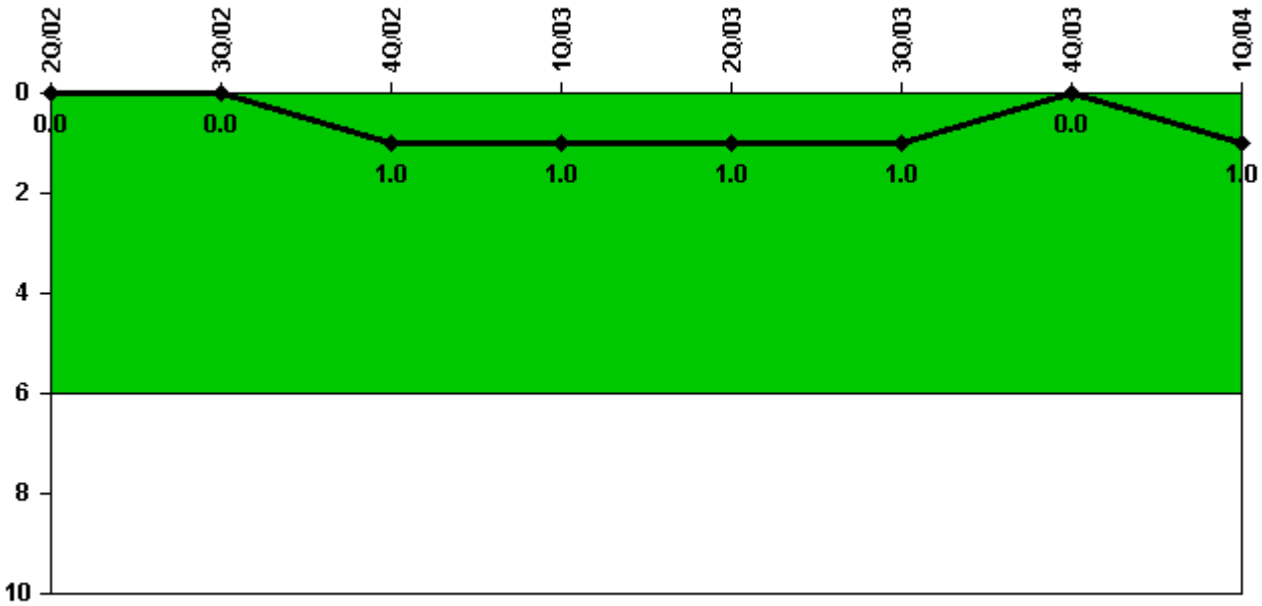
3Q/03: (4Q2003) 42.6 unplanned hours were added to August due to the discovery of the 'C' RHRSW pump being inop since the last RFO (4/23/02) due to corroded anchor bolt nuts. The 'A' RHRSW pump was also unavailable at various times during this period. There was no change in indicator color. (1Q2004) There has been a change to the hours previously reported for the time the 'A' RHRSW pump was unavailable due to the discovery of the 'C' RHRSW pump being INOP due to corroded anchor bolt nuts. After further review, it was determined the out of service hours should be classified as Fault Exposure Hours instead of Unplanned hours. This was due to the system being in an undetected inoperable condition. This affected 42.6 hours in August 2003. This does not affect the color of the indicator.

3Q/02: Due to an engineering evaluation which concluded the removal of any one of the RHRSW pump motors would not create an overstressed condition during a seismic event, the following hours have been removed: 01/2000 (train 1) 59.667

planned hours; 04/2000 (train 2) 7.583 planned hours; 12/2001 (train 2) 126.717 unplannned hours; and 6/2002 (train 2) 30.833 planned hours. This did not affect the color of the indicator. (4Q2003) 21.43 unplanned hours were added to July,due to the discovery of the 'C' RHRSW pump being inop since the last RFO (4/23/02) due to corroded anchor bolt nuts. The 'A' RHRSW pump was also unavailable at various times during this period. There was no change in indicator color. (1Q2004) There has been a change to the hours previously reported for the time the 'A' RHRSW pump was unavailable due to the discovery of the 'C' RHRSW pump being INOP due to corroded anchor bolt nuts. After further review, it was determined the out of service hours should be classified as Fault Exposure Hours instead of Unplanned hours. This was due to the system being in an undetected inoperable condition. This affected 21.433 hours in July 2002. This does not affect the color of the indicator.

2Q/02: Due to an engineering evaluation, which concluded the removal of any one of the RHRSW pump motors would not create an overstressed condition during a seismic event, the 30.833 hours included in the 2Q2002 submittal were removed in the Q3/2002 sumittal. There was no affect to the color of the indicator. (4Q2003) 3.167 unplanned hours were added to May due to the discovery of the 'C' RHRSW pump being inop since the last RFO (4/23/02) due to corroded anchor bolt nuts. The 'A' RHRSW pump was also unavailable at various times during this period. There was no change in indicator color. (1Q2004) There has been a change to the hours previously reported for the time the 'A' RHRSW pump was unavailable due to the discovery of the 'C' RHRSW pump being INOP due to corroded anchor bolt nuts. After further review, it was determined the out of service hours should be classified as Fault Exposure Hours instead of Unplanned hours. This was due to the system being in an undetected inoperable condition. This affected 3.167 hours in May 2002. This does not affect the color of the indicator.

Safety System Functional Failures (BWR)



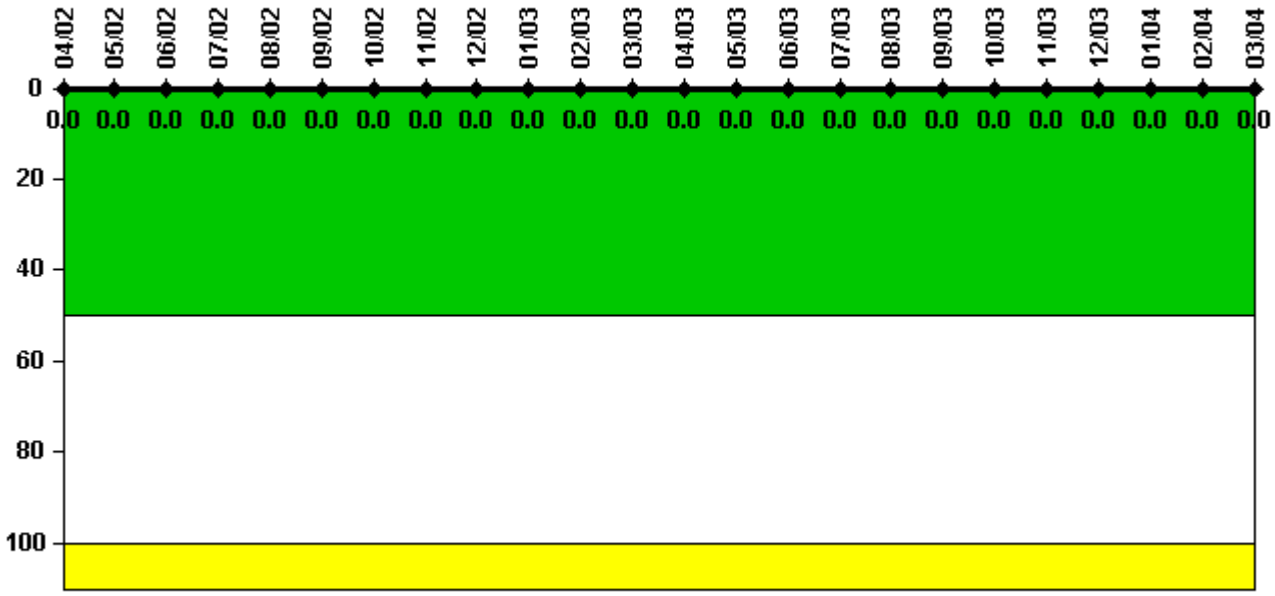
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

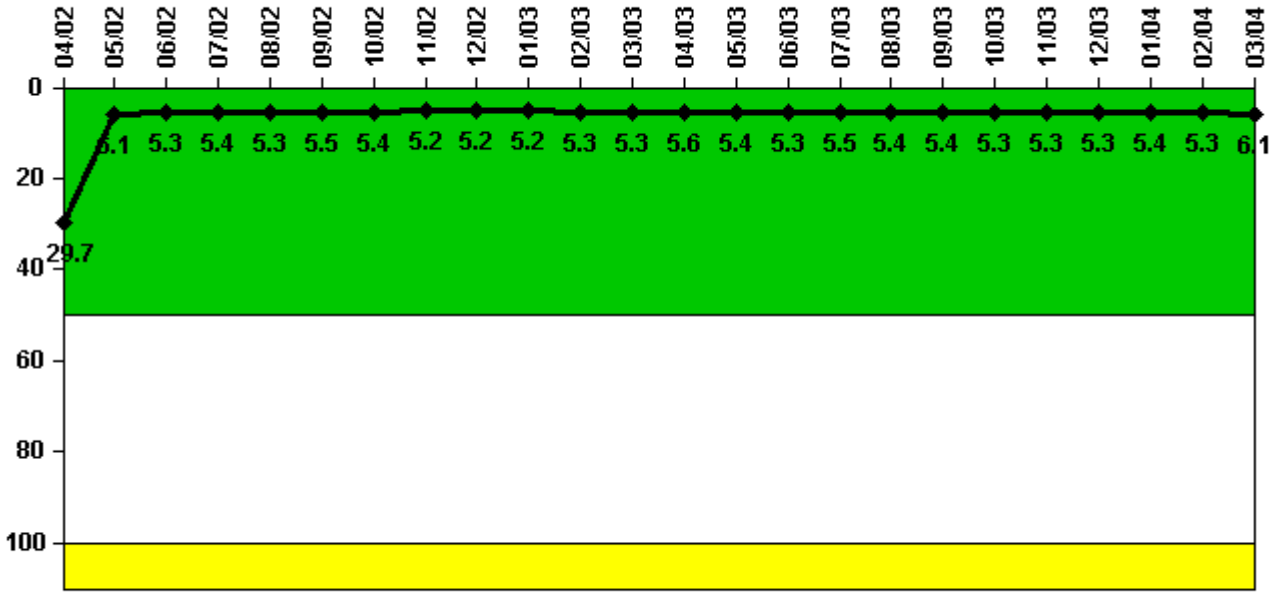
Notes

Reactor Coolant System Activity	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum activity	0.000004	0.000003	0.000060	0.000004	0.000005	0.000006	0.000004	0.000004	0.000006	0.000006	0.000005	0.000007
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**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000007	0.000009	0.000004	0.000008	0.000006	0.000010	0.000020	0.000020	0.000010	0.000010	0.000020	0.000006
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**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

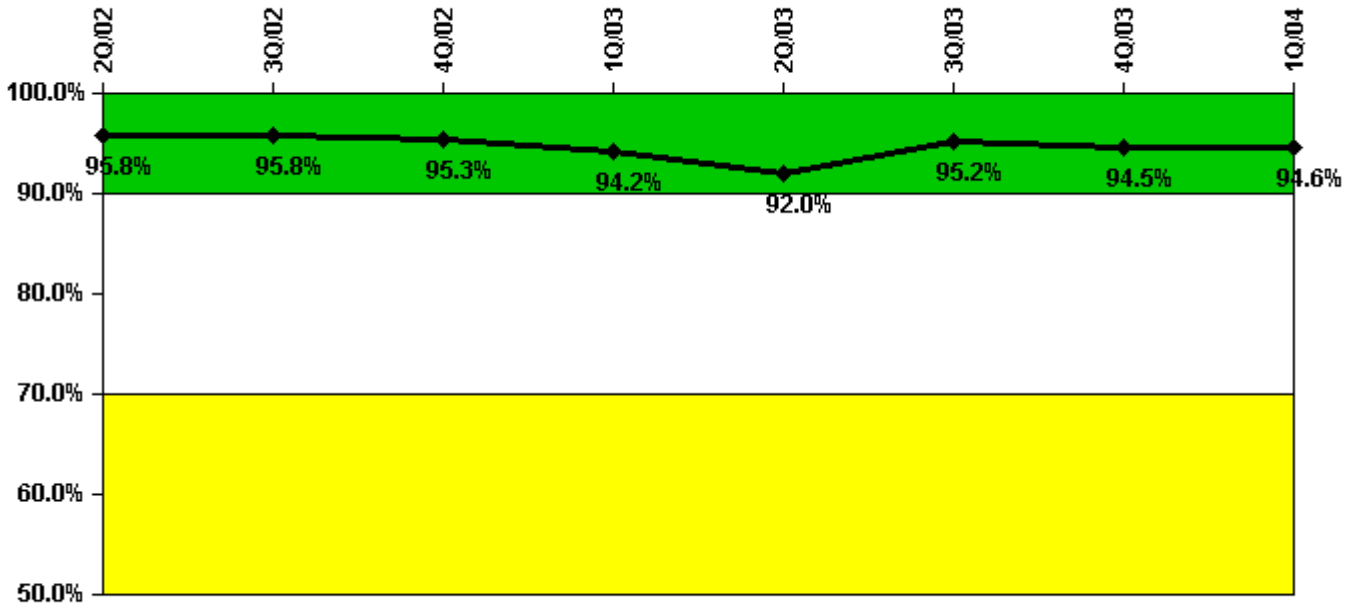
Notes

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	8.910	1.820	1.580	1.620	1.590	1.640	1.610	1.560	1.560	1.570	1.580	1.580
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**29.7**	**6.1**	**5.3**	**5.4**	**5.3**	**5.5**	**5.4**	**5.2**	**5.2**	**5.2**	**5.3**	**5.3**

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	1.680	1.610	1.600	1.640	1.630	1.630	1.590	1.590	1.590	1.630	1.580	1.820
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	**5.6**	**5.4**	**5.3**	**5.5**	**5.4**	**5.4**	**5.3**	**5.3**	**5.3**	**5.4**	**5.3**	**6.1**

Licensee Comments: none

Drill/Exercise Performance



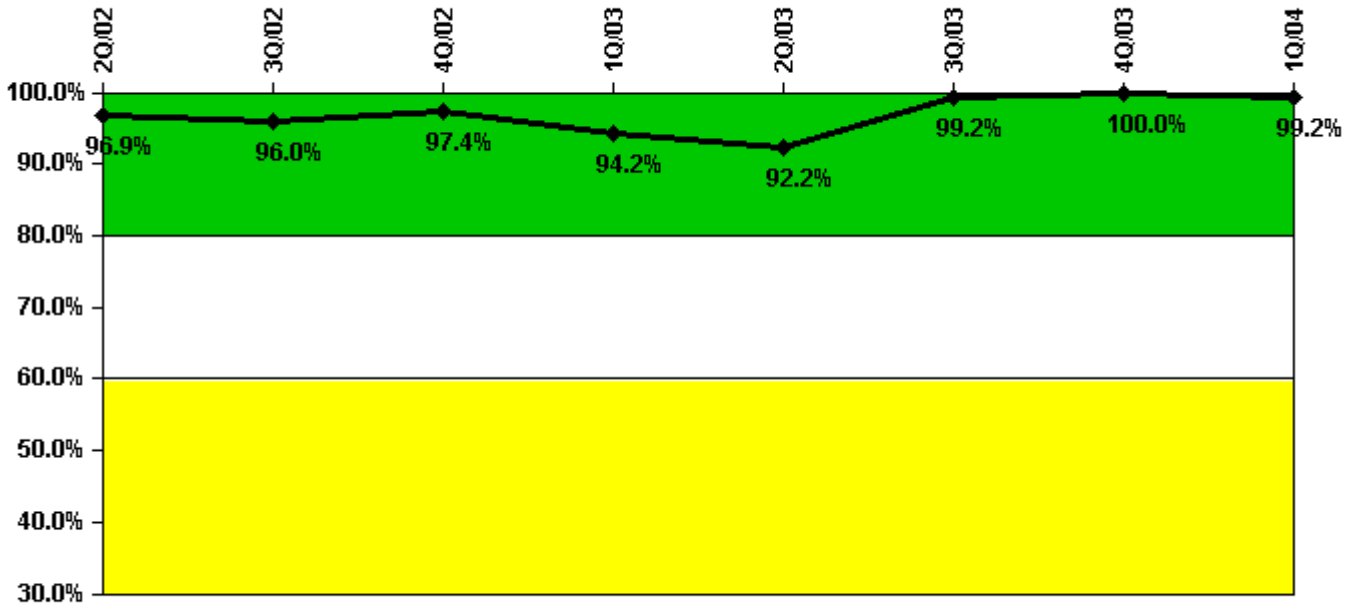
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful opportunities	8.0	54.0	5.0	6.0	6.0	71.0	5.0	2.0
Total opportunities	8.0	56.0	6.0	8.0	8.0	72.0	6.0	2.0
Indicator value	**95.8%**	**95.8%**	**95.3%**	**94.2%**	**92.0%**	**95.2%**	**94.5%**	**94.6%**

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Participating Key personnel	123.0	119.0	114.0	113.0	107.0	130.0	128.0	119.0
Total Key personnel	127.0	124.0	117.0	120.0	116.0	131.0	128.0	120.0
Indicator value	**96.9%**	**96.0%**	**97.4%**	**94.2%**	**92.2%**	**99.2%**	**100.0%**	**99.2%**

Licensee Comments: none

Alert & Notification System

Not applicable due to unique design characteristics. Performance in this area will be assessed through focused NRC inspection efforts.

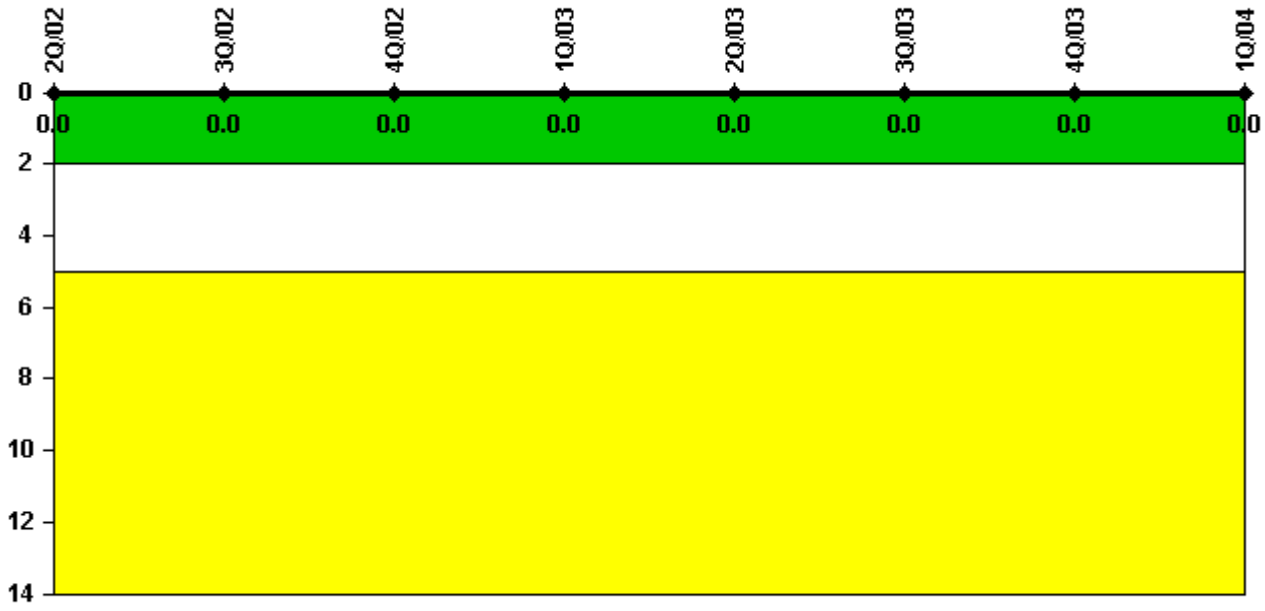
Notes

Alert & Notification System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful siren-tests								
Total sirens-tests								
Indicator value								

Licensee Comments:

1Q/04: Plant Hatch does not use sirens as an emergency notification system.

Occupational Exposure Control Effectiveness



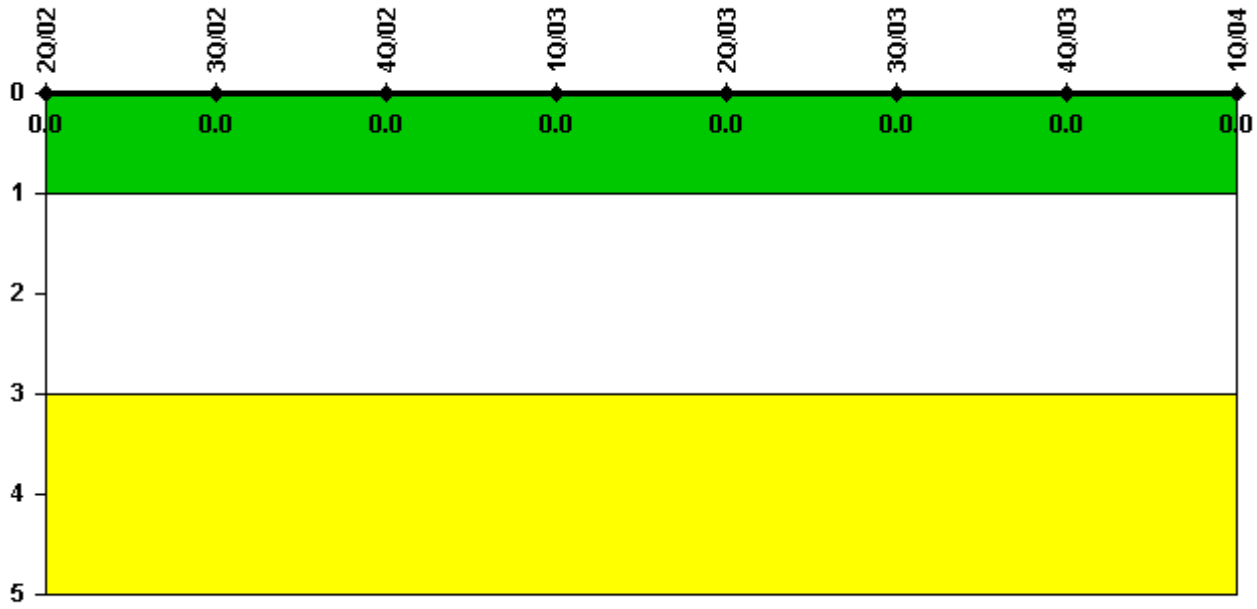
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/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



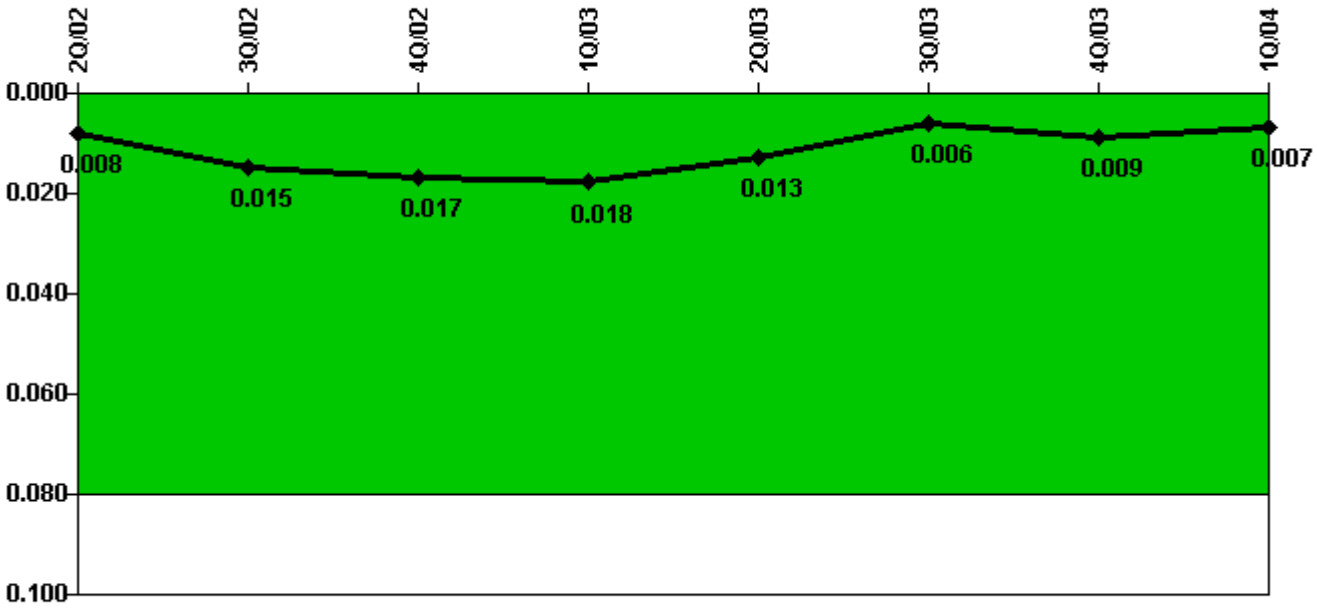
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/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

Protected Area Security Performance Index



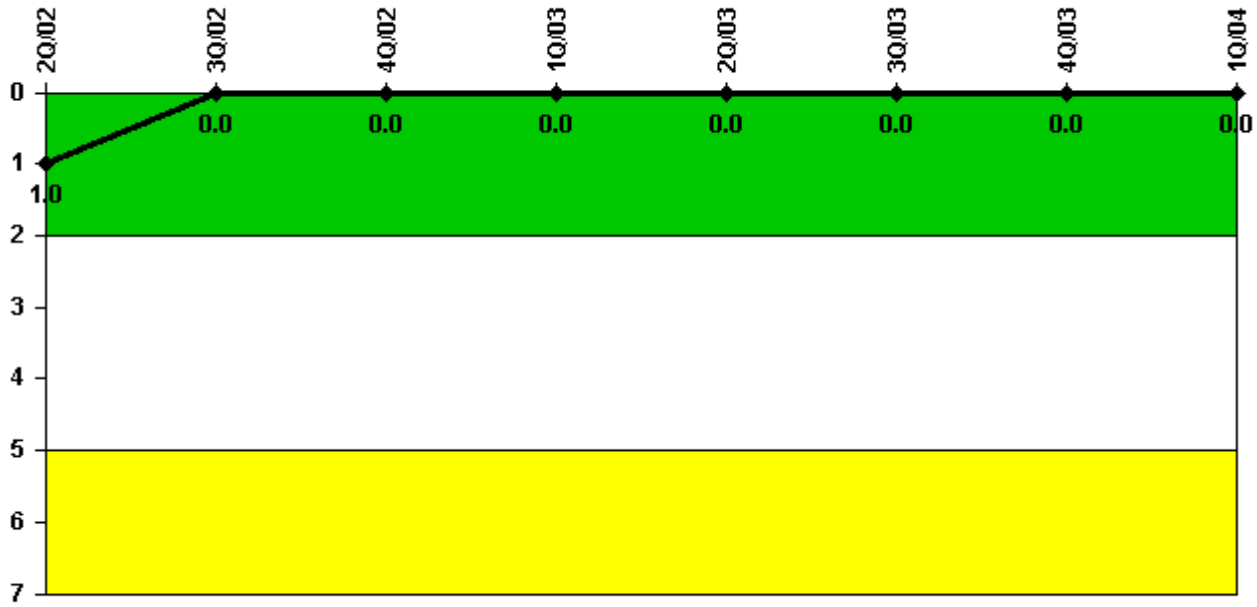
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
IDS compensatory hours	14.06	142.38	48.00	43.37	11.04	0.95	111.33	0
CCTV compensatory hours	87.5	2.4	0	0.7	2.2	0	0	0
IDS normalization factor	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.008**	**0.015**	**0.017**	**0.018**	**0.013**	**0.006**	**0.009**	**0.007**

Licensee Comments: none

Personnel Screening Program



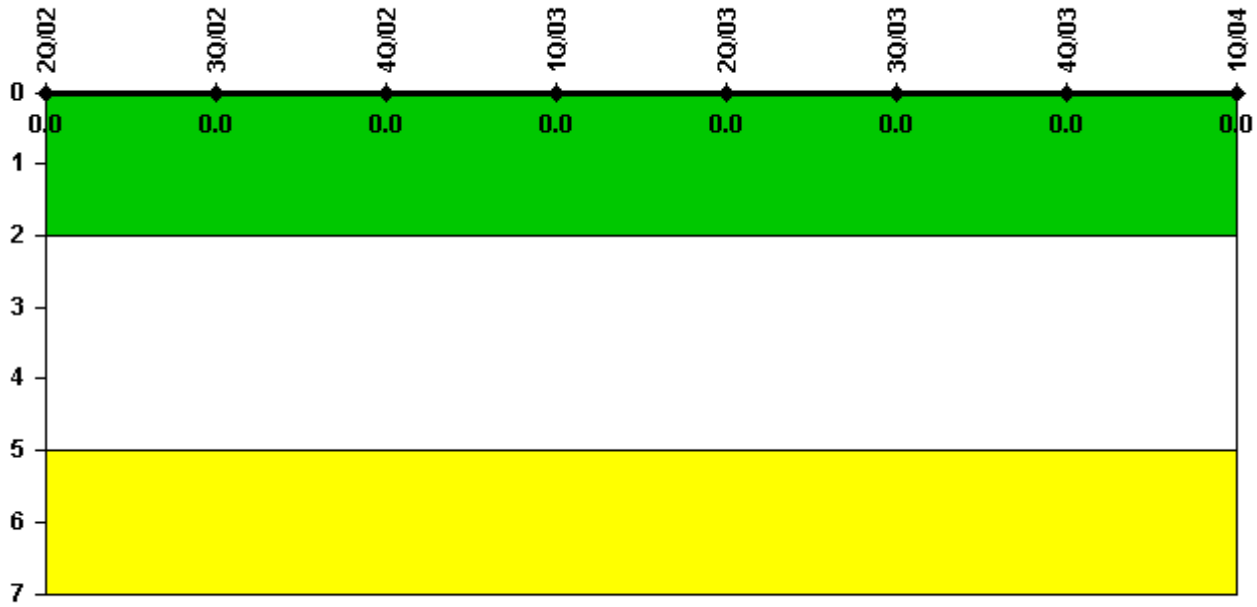
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Program failures	0	0	0	0	0	0	0	0
Indicator value	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD / Personnel Reliability	2Q / 02	3Q / 02	4Q / 02	1Q / 03	2Q / 03	3Q / 03	4Q / 03	1Q / 04
Program Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 22, 2004