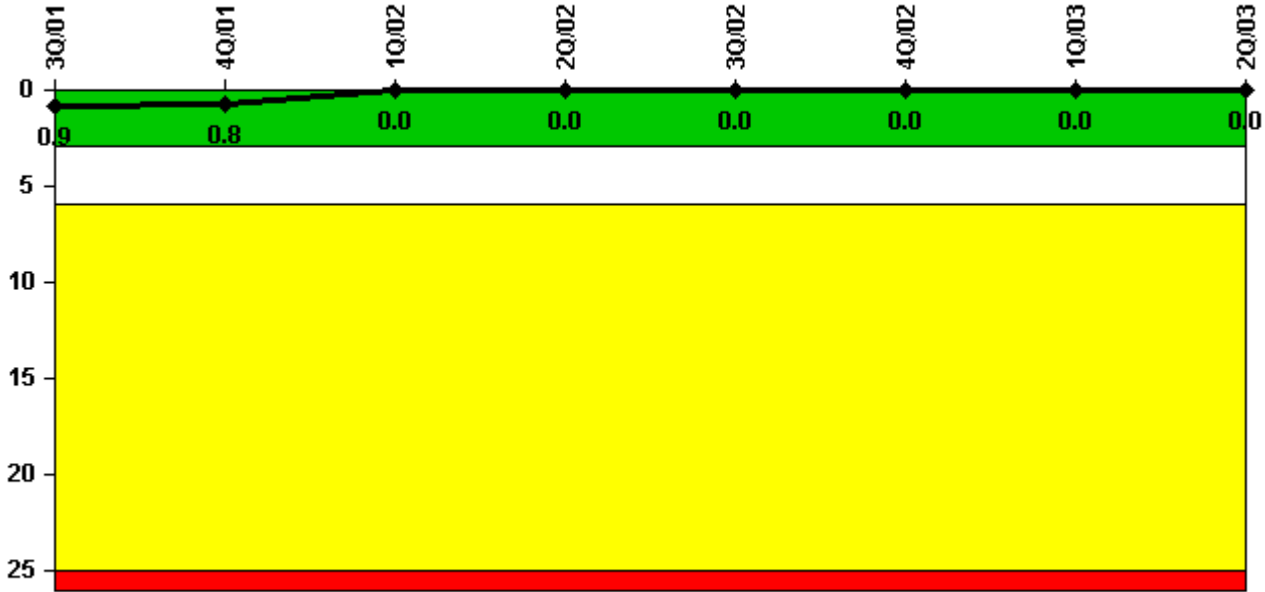


Hatch 1

2Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



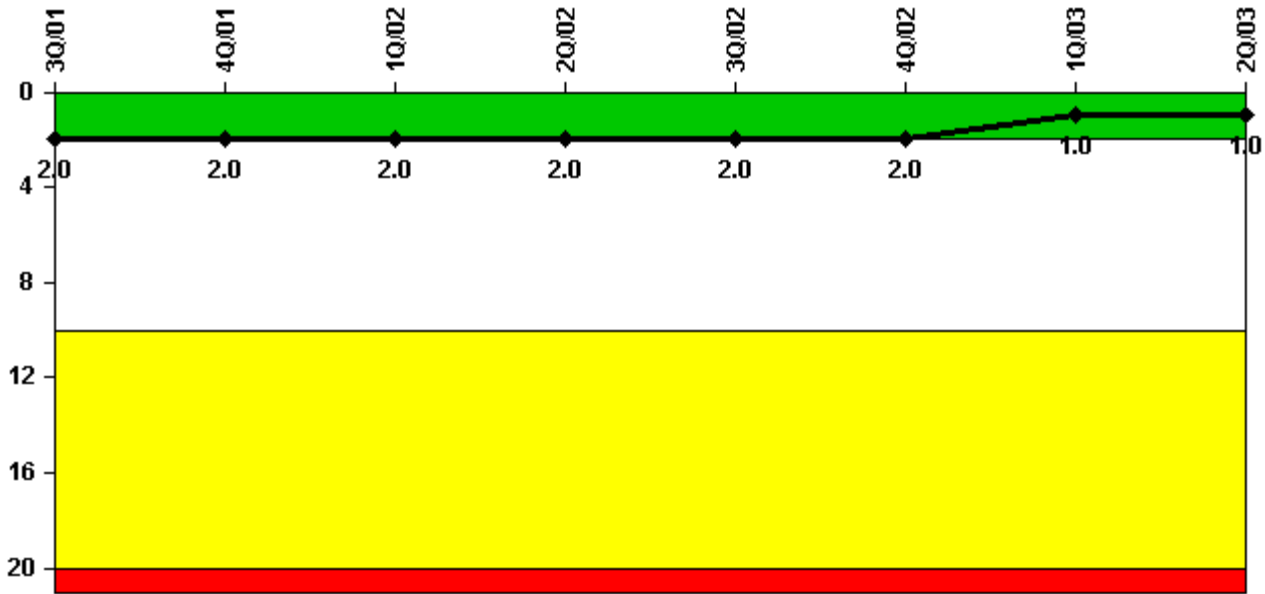
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 2209.0 | 1851.4 | 1718.4 | 2208.0 | 2126.1 | 2160.0 | 1877.5 |
| Indicator value | 0.9 | 0.8 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



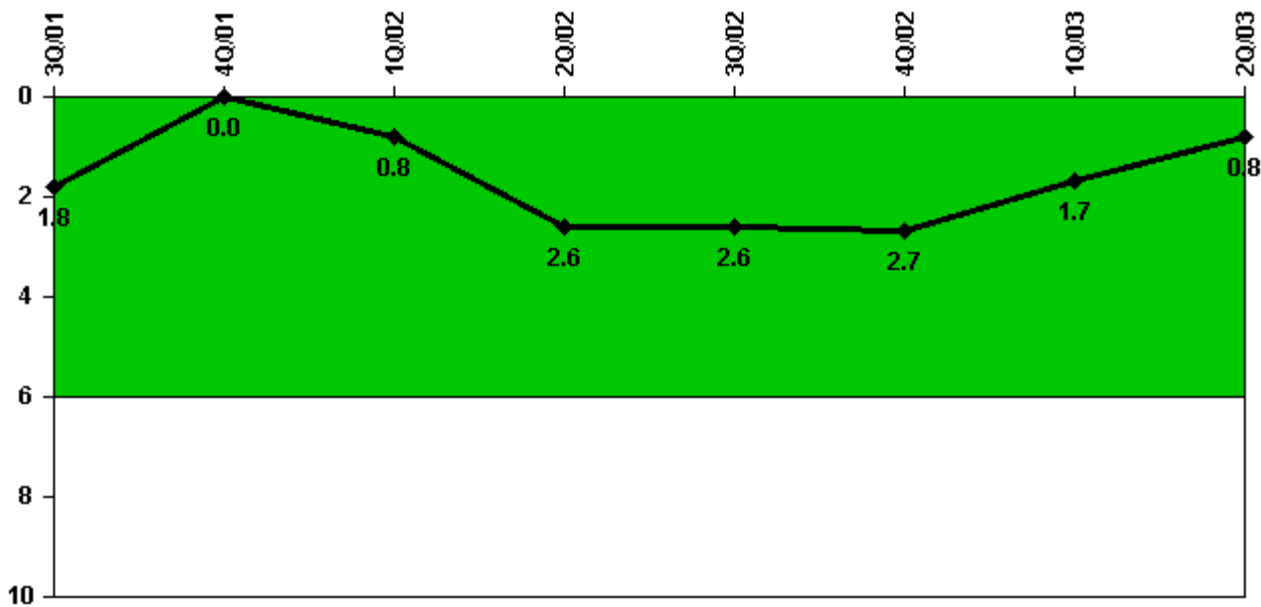
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



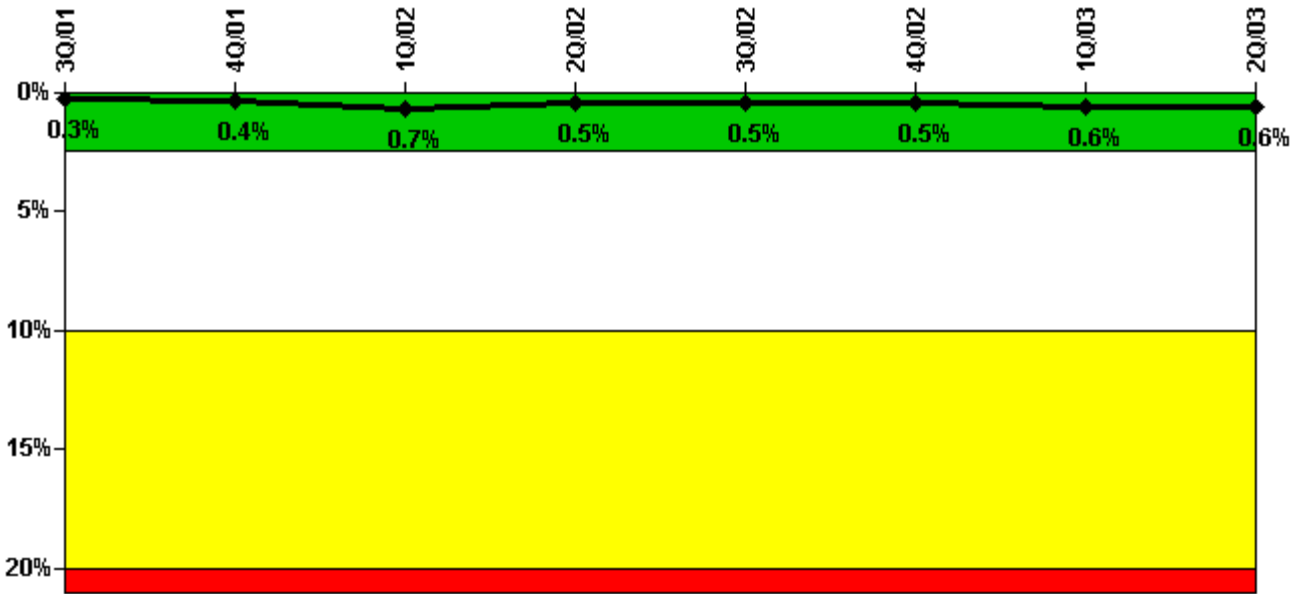
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 1.0 | 2.0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2208.0 | 2209.0 | 1851.4 | 1718.4 | 2208.0 | 2126.1 | 2160.0 | 1877.5 |
| | | | | | | | | |
| Indicator value | 1.8 | 0 | 0.8 | 2.6 | 2.6 | 2.7 | 1.7 | 0.8 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



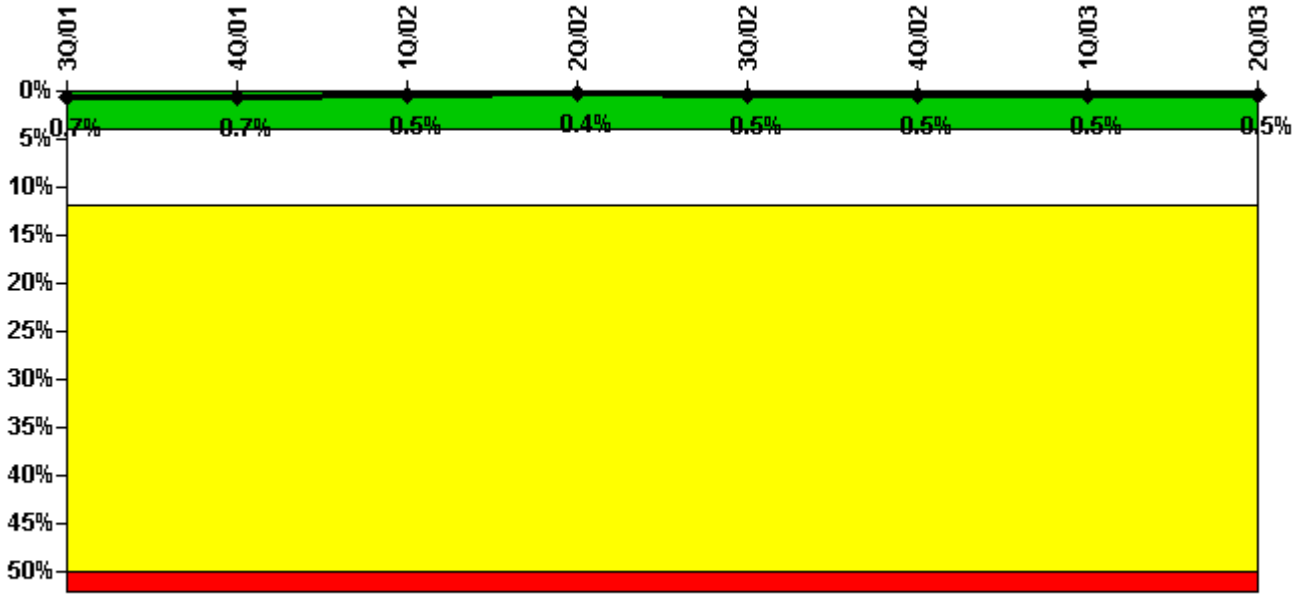
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0.08 | 0 | 0 | 0 | 0.25 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 44.47 | 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 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0.08 | 0 | 0 | 0 | 0.43 | 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 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 4.00 | 8.27 | 172.83 | 0 | 0 | 0 | 6.43 | 39.80 |
| Unplanned unavailable hours | 0 | 138.42 | 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 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| Indicator value | 0.3% | 0.4% | 0.7% | 0.5% | 0.5% | 0.5% | 0.6% | 0.6% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



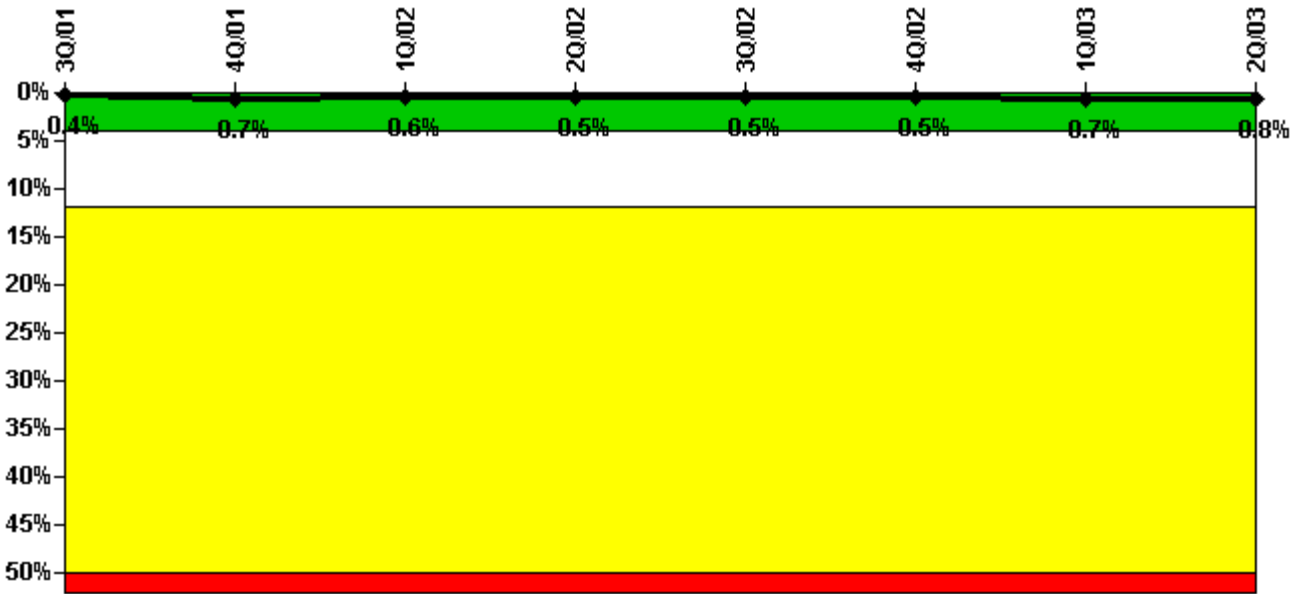
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 4.58 | 0 | 0 | 0 | 0 | 5.03 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 17.08 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 11.58 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2209.00 | 1851.40 | 1718.42 | 2208.00 | 2126.12 | 2160.00 | 1877.51 |
| Indicator value | 0.7% | 0.7% | 0.5% | 0.4% | 0.5% | 0.5% | 0.5% | 0.5% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



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

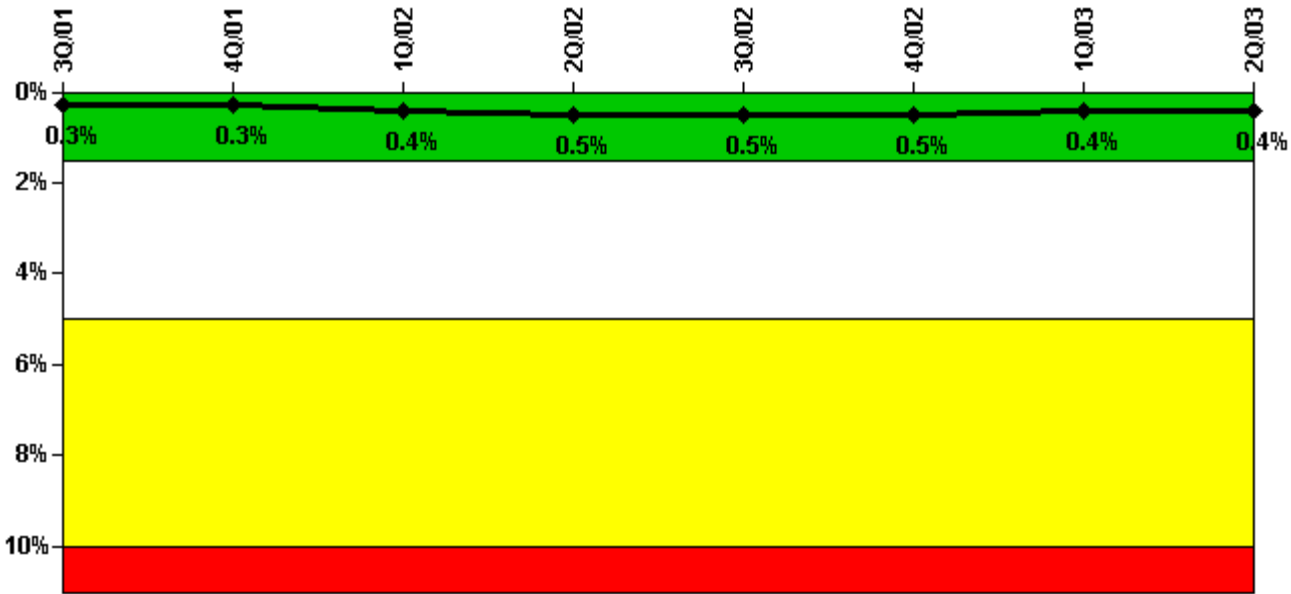
Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 1.67 | 46.52 | 7.67 | 5.75 | 0.42 | 0.55 | 0.42 | 0.42 |
| Unplanned unavailable hours | 0 | 26.15 | 0 | 0 | 0 | 0 | 57.22 | 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 | 2208.00 | 2209.00 | 1851.40 | 1718.42 | 2208.00 | 2126.12 | 2160.00 | 1877.51 |
| Indicator value | 0.4% | 0.7% | 0.6% | 0.5% | 0.5% | 0.5% | 0.7% | 0.8% |

Licensee Comments:

2Q/03: T/2 Fault Exposure Hours were referenced in the comment fields for Q4/2002 and Q1/2003 as follows: October 2002 (88.958 hours), November 2002 (360 hours), December 2002 (372 hours), and January 2003 (148.742 hours).

Safety System Unavailability, Residual Heat Removal System



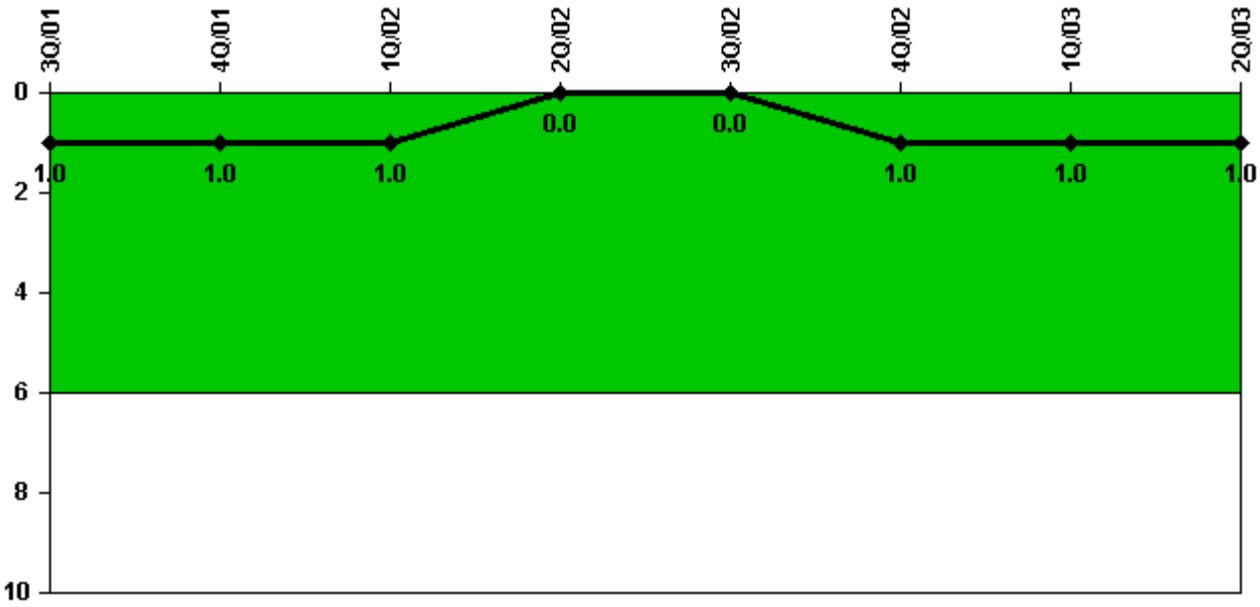
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 31.38 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0.83 | 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 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 18.28 | 67.93 | 0 | 4.97 | 0 | 7.55 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0.83 | 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 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| | | | | | | | | |
| Indicator value | 0.3% | 0.3% | 0.4% | 0.5% | 0.5% | 0.5% | 0.4% | 0.4% |

Licensee Comments: none

Safety System Functional Failures (BWR)



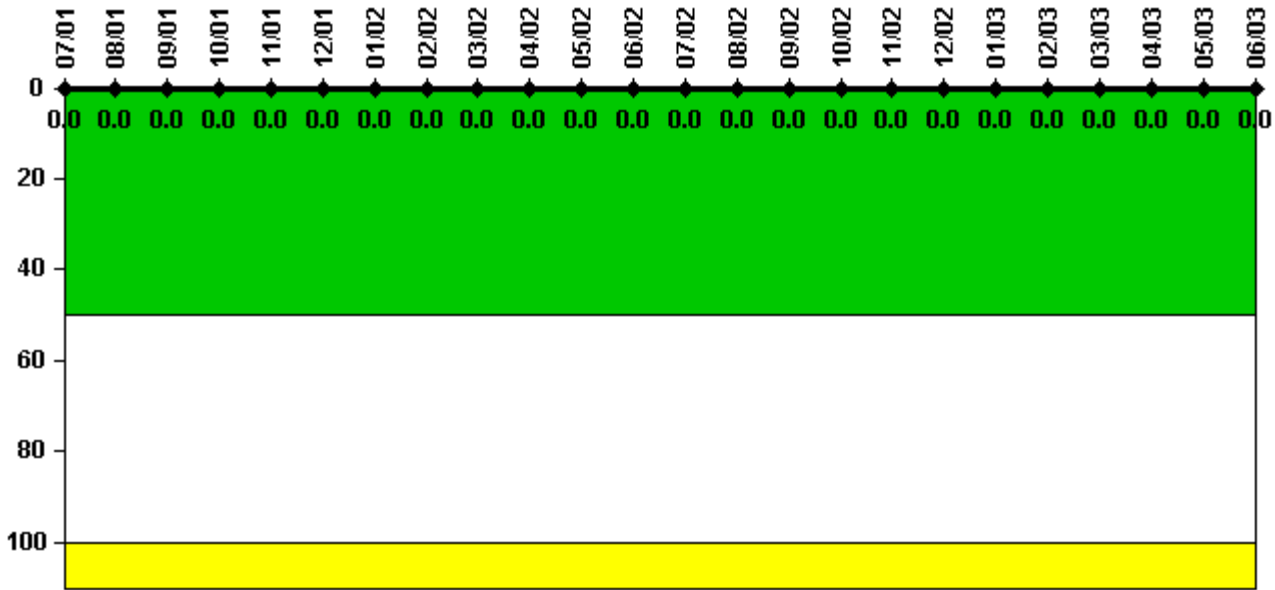
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

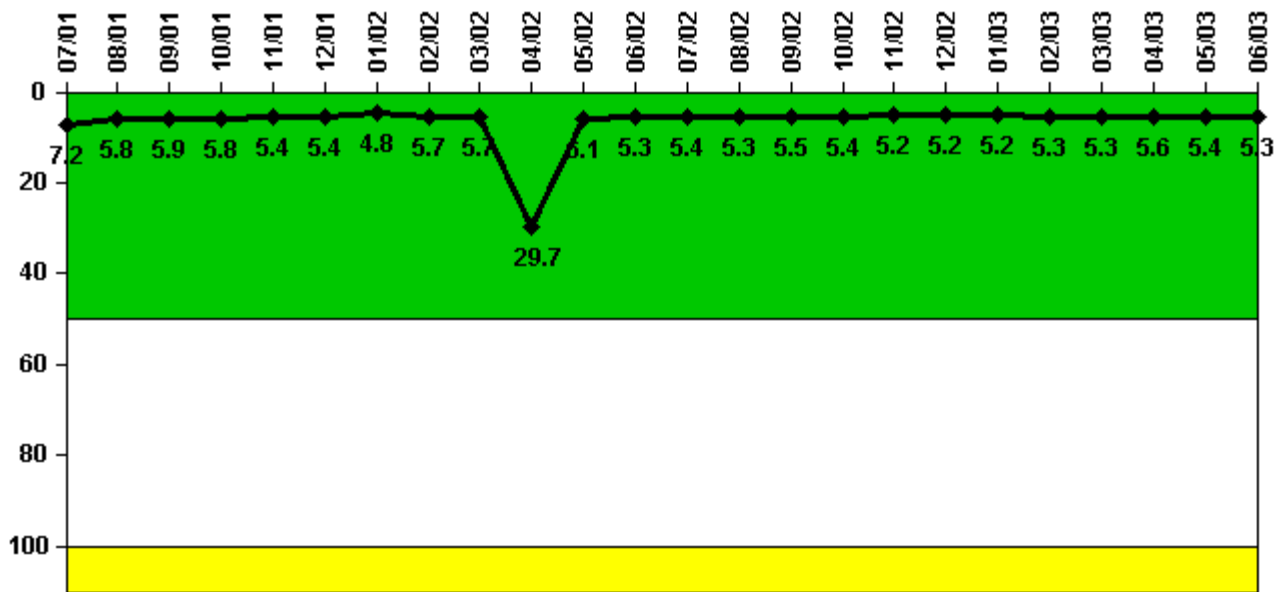
Notes

| Reactor Coolant System Activity | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000010 | 0.000020 | 0.000010 | 0.000050 | 0.000030 | 0.000070 | 0.000040 | 0.000040 | 0.000010 | 0.000004 | 0.000003 | 0.000060 |
| 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 | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000004 | 0.000005 | 0.000006 | 0.000004 | 0.000004 | 0.000006 | 0.000006 | 0.000005 | 0.000007 | 0.000007 | 0.000009 | 0.000004 |
| 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

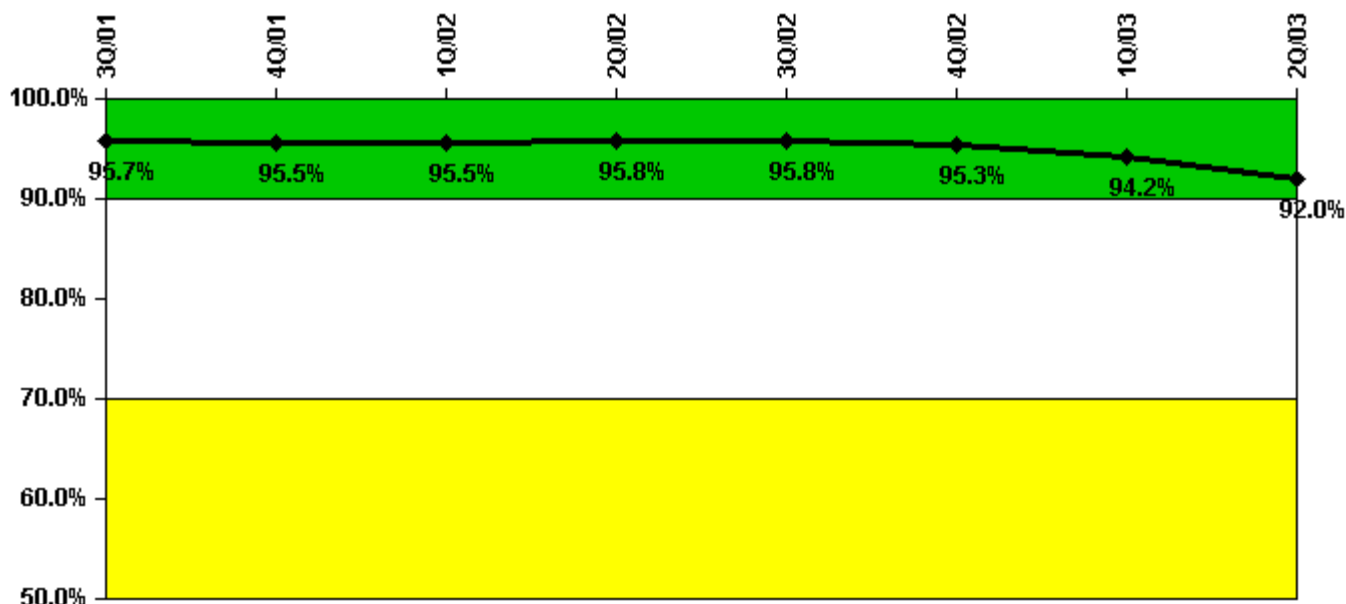
Notes

| Reactor Coolant System Leakage | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.160 | 1.750 | 1.760 | 1.730 | 1.630 | 1.630 | 1.440 | 1.720 | 1.720 | 8.910 | 1.820 | 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 | 7.2 | 5.8 | 5.9 | 5.8 | 5.4 | 5.4 | 4.8 | 5.7 | 5.7 | 29.7 | 6.1 | 5.3 |

| Reactor Coolant System Leakage | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.620 | 1.590 | 1.640 | 1.610 | 1.560 | 1.560 | 1.570 | 1.580 | 1.580 | 1.680 | 1.610 | 1.600 |
| 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 | 5.4 | 5.3 | 5.5 | 5.4 | 5.2 | 5.2 | 5.2 | 5.3 | 5.3 | 5.6 | 5.4 | 5.3 |

Licensee Comments: none

Drill/Exercise Performance



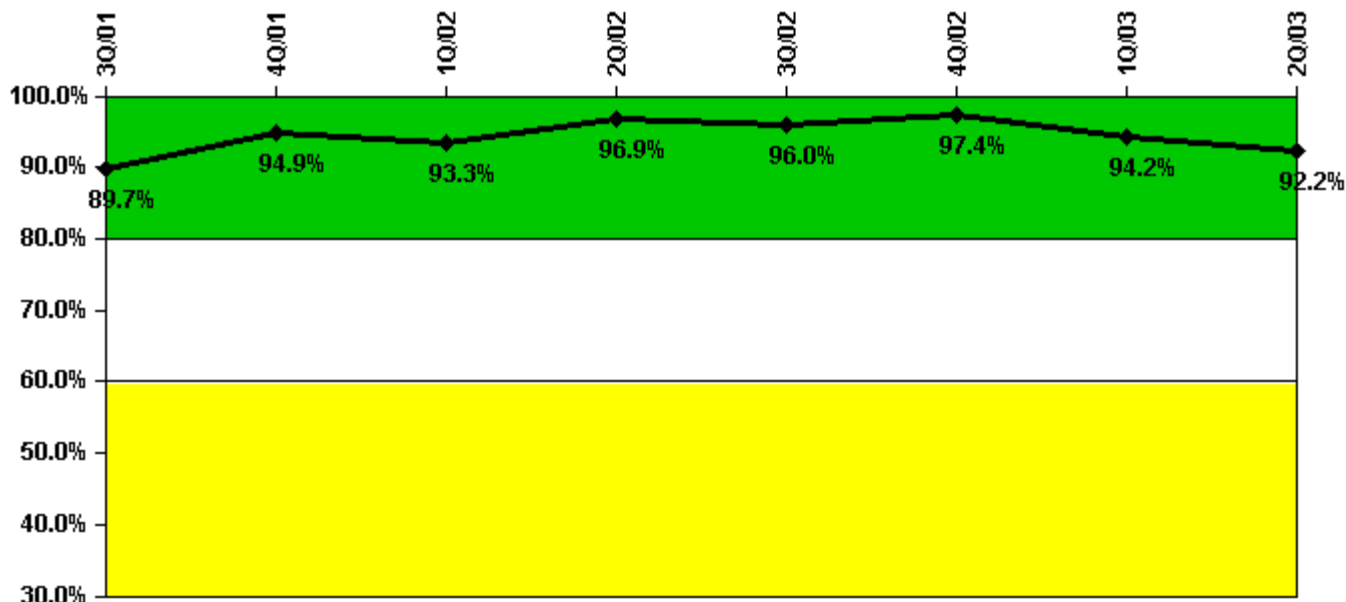
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 17.0 | 8.0 | 0 | 8.0 | 54.0 | 5.0 | 6.0 | 6.0 |
| Total opportunities | 19.0 | 8.0 | 0 | 8.0 | 56.0 | 6.0 | 8.0 | 8.0 |
| | | | | | | | | |
| Indicator value | 95.7% | 95.5% | 95.5% | 95.8% | 95.8% | 95.3% | 94.2% | 92.0% |

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 122.0 | 131.0 | 126.0 | 123.0 | 119.0 | 114.0 | 113.0 | 107.0 |
| Total Key personnel | 136.0 | 138.0 | 135.0 | 127.0 | 124.0 | 117.0 | 120.0 | 116.0 |
| | | | | | | | | |
| Indicator value | 89.7% | 94.9% | 93.3% | 96.9% | 96.0% | 97.4% | 94.2% | 92.2% |

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.**

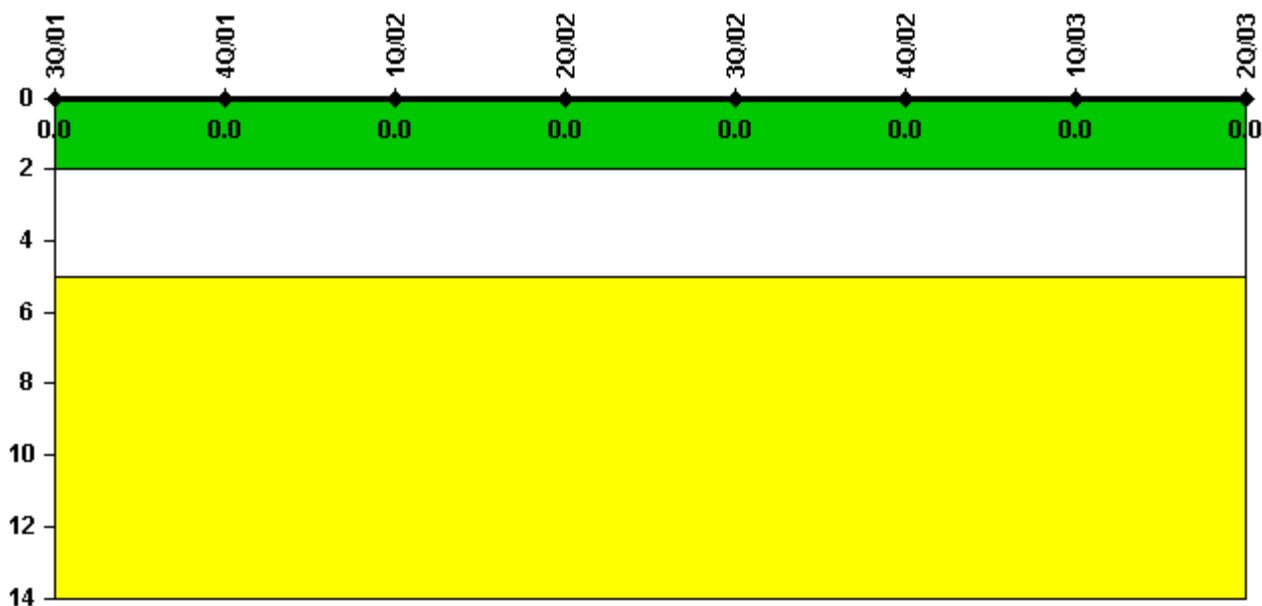
Notes

| Alert & Notification System | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | | | | | | | | |
| Total sirens-tests | | | | | | | | |
| | | | | | | | | |
| Indicator value | | | | | | | | |

Licensee Comments:

2Q/03: 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 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| 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



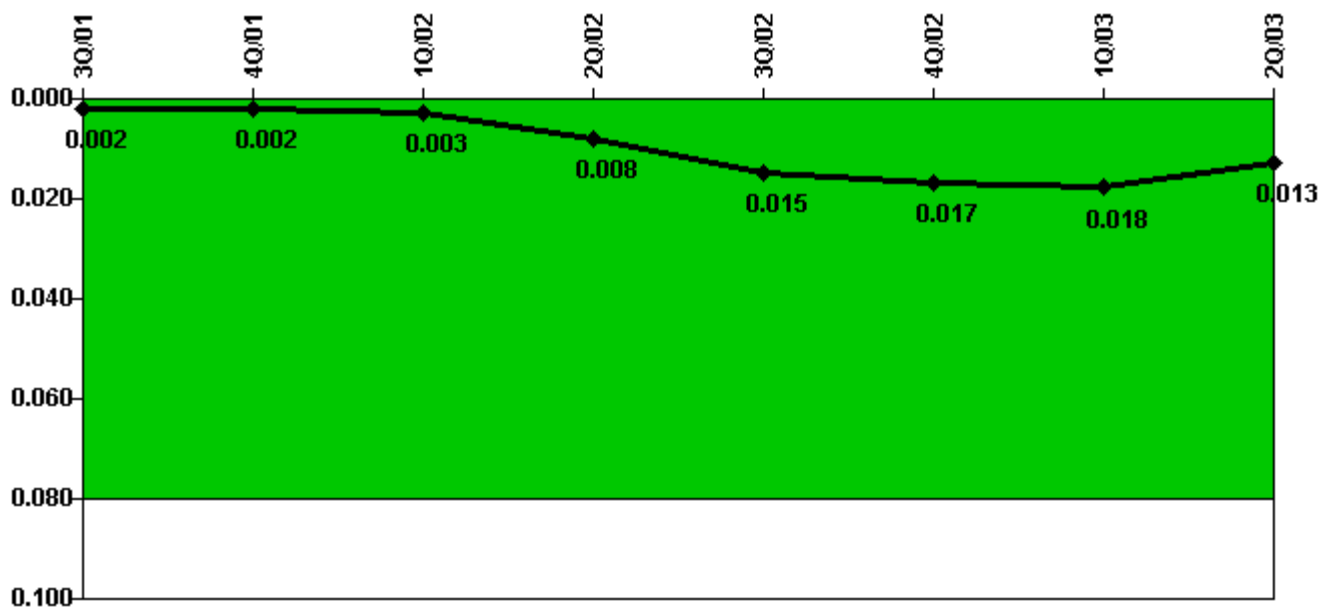
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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



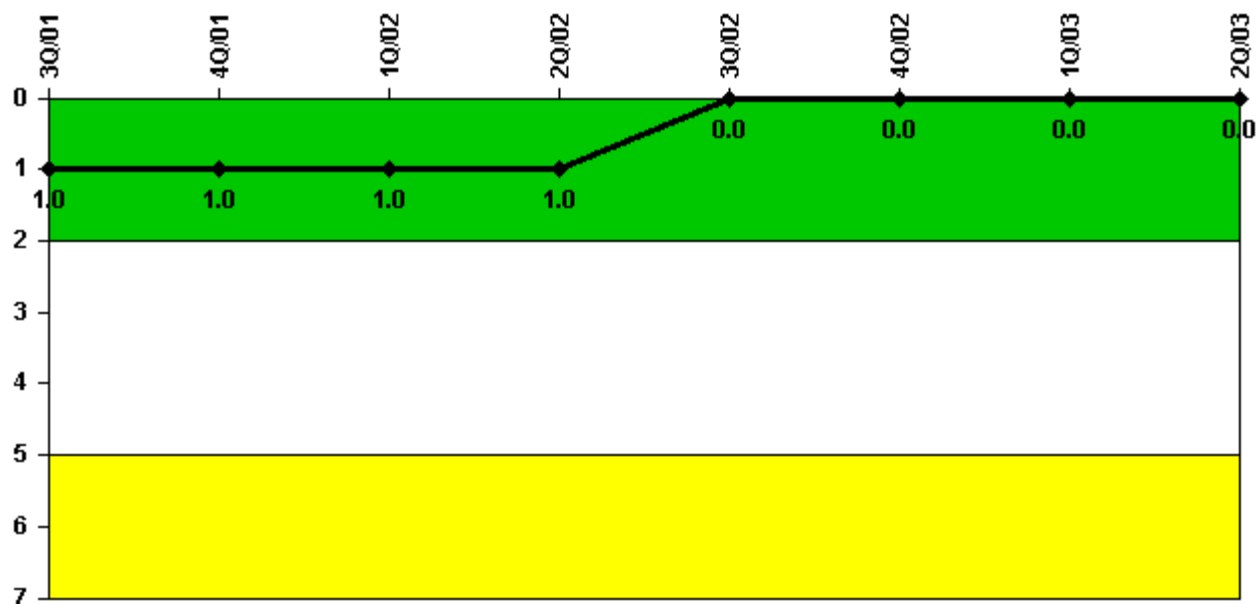
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|-------|-------|-------|-------|--------|-------|-------|-------|
| IDS compensatory hours | 0 | 20.50 | 20.75 | 14.06 | 142.38 | 48.00 | 43.37 | 11.04 |
| CCTV compensatory hours | 9.0 | 0 | 0 | 87.5 | 2.4 | 0 | 0.7 | 2.2 |
| 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 | 0.002 | 0.002 | 0.003 | 0.008 | 0.015 | 0.017 | 0.018 | 0.013 |

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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: July 22, 2003