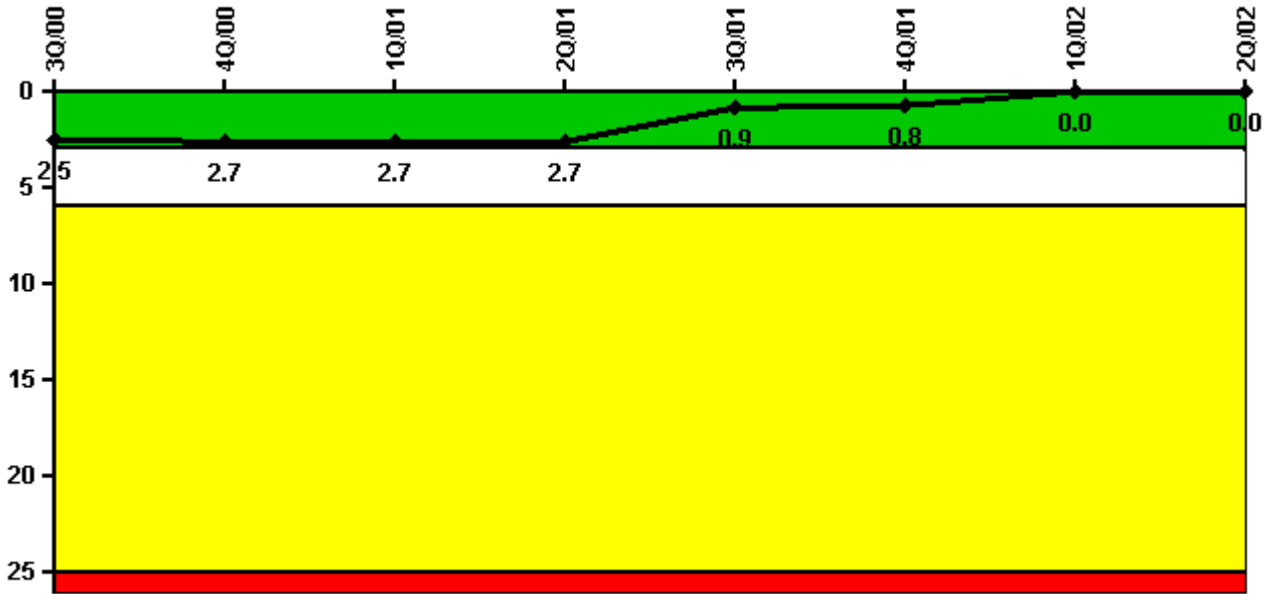


Hatch 1

2Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



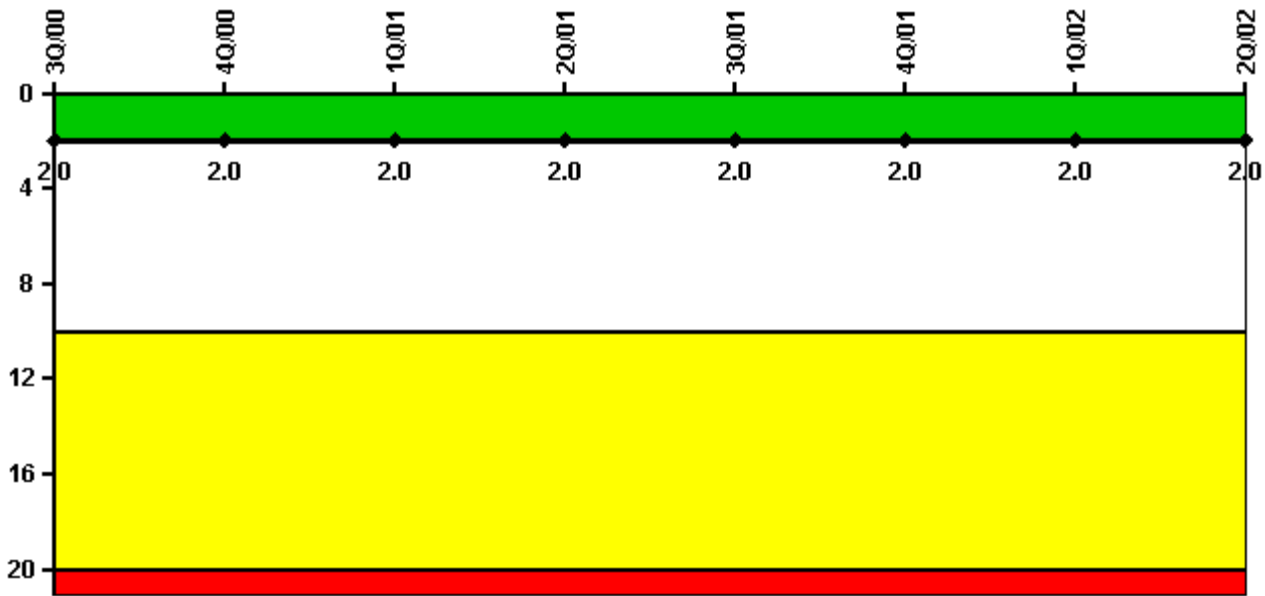
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 2.0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2094.6 | 1399.3 | 2109.1 | 2183.0 | 2208.0 | 2209.0 | 1851.4 | 1718.4 |
| Indicator value | 2.5 | 2.7 | 2.7 | 2.7 | 0.9 | 0.8 | 0 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



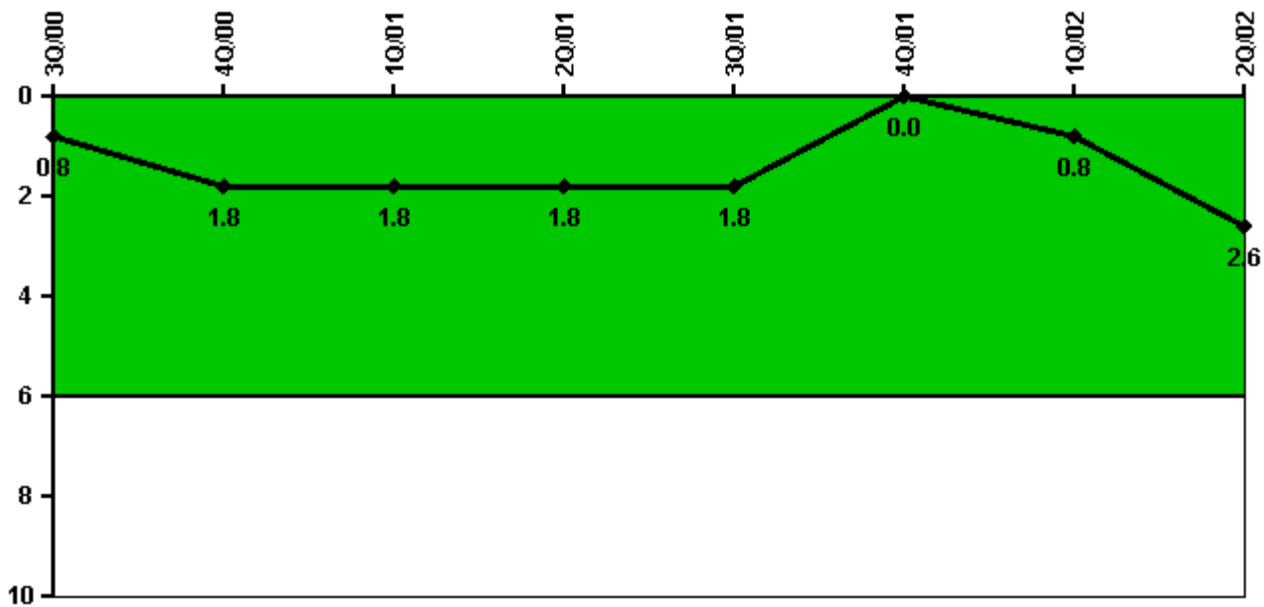
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



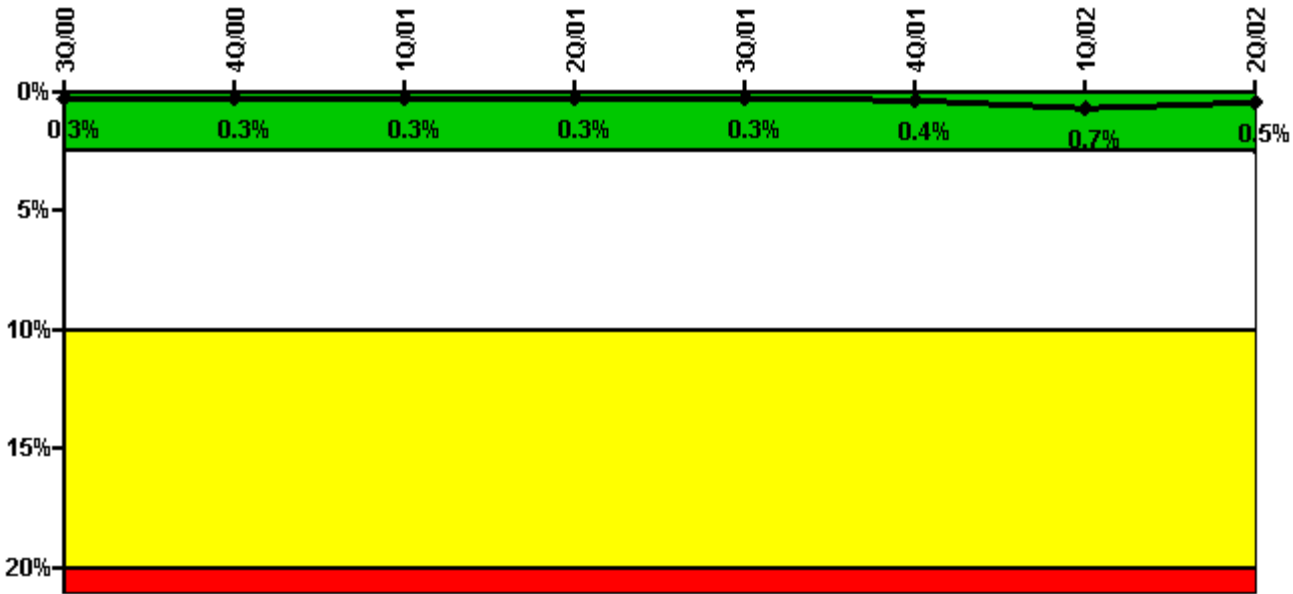
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 2.0 | 0 | 0 | 0 | 0 | 1.0 | 2.0 |
| Critical hours | 2094.6 | 1399.3 | 2109.1 | 2183.0 | 2208.0 | 2209.0 | 1851.4 | 1718.4 |
| | | | | | | | | |
| Indicator value | 0.8 | 1.8 | 1.8 | 1.8 | 1.8 | 0 | 0.8 | 2.6 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



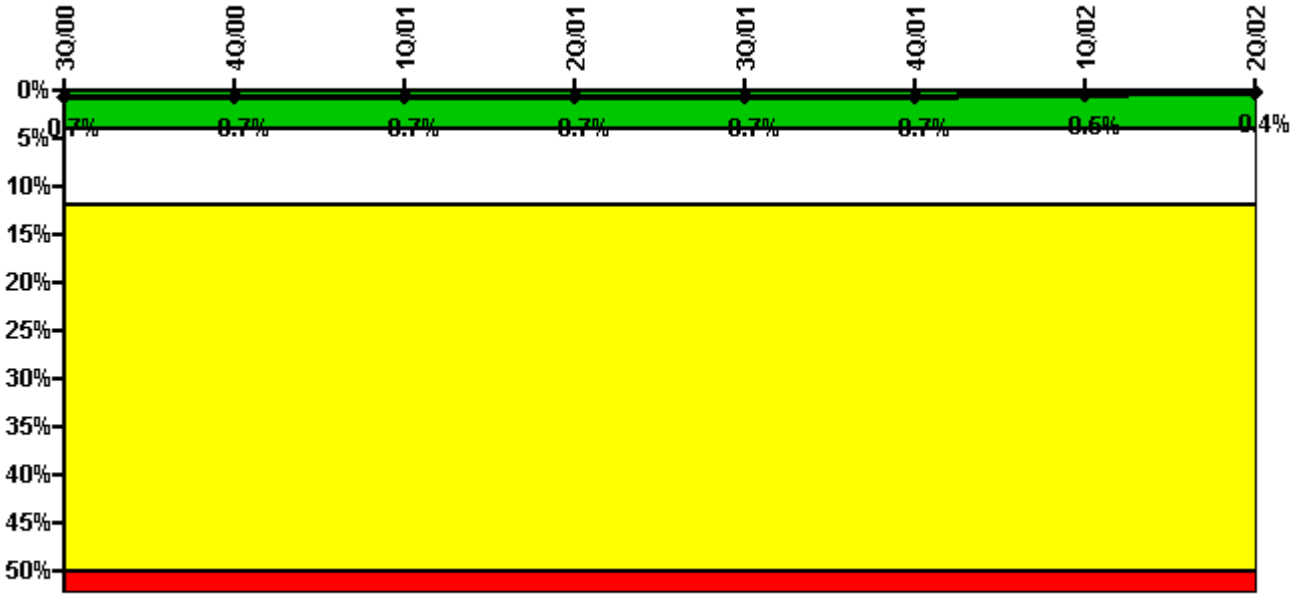
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0.08 | 0.18 | 2.00 | 0.05 | 0 | 0 | 0.08 | 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 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0.72 | 0 | 0.32 | 0 | 0 | 0.08 | 0 |
| Unplanned unavailable hours | 0 | 0.17 | 8.18 | 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 | 0 | 8.62 | 2.05 | 1.97 | 4.00 | 8.27 | 172.83 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 138.42 | 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% | 0.3% | 0.3% | 0.3% | 0.4% | 0.7% | 0.5% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



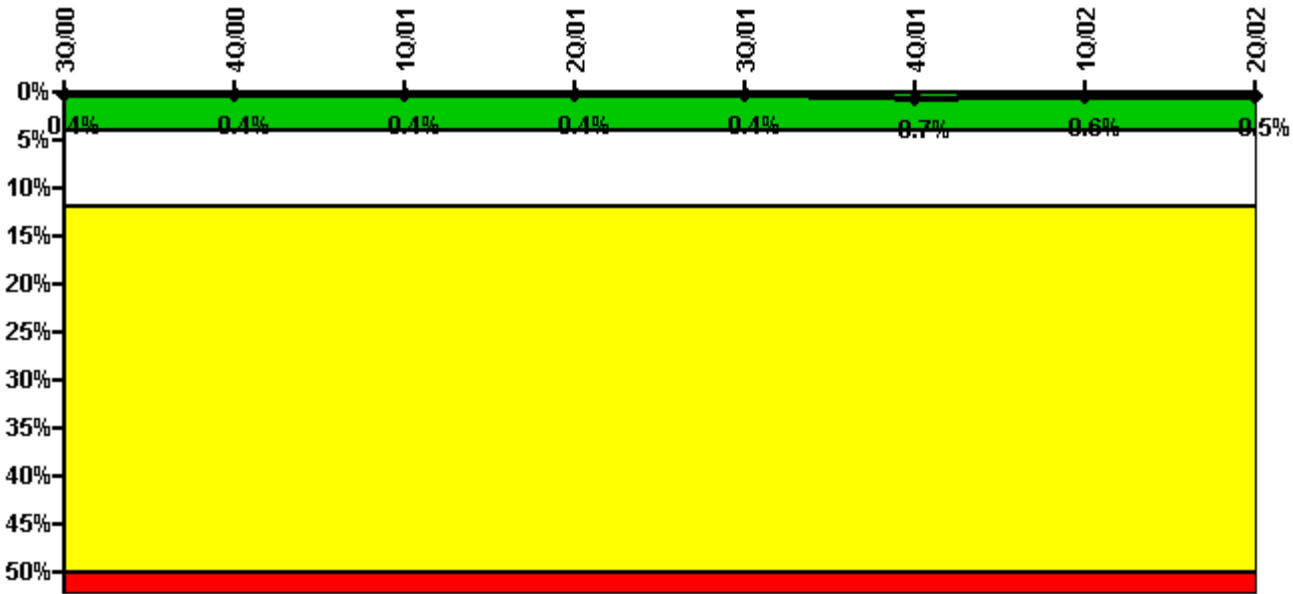
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 22.54 | 0.88 | 0 | 0 | 4.58 | 0 | 0 | 0 |
| Unplanned unavailable hours | 67.98 | 0 | 0.53 | 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 | 2094.63 | 1399.32 | 2109.12 | 2183.00 | 2208.00 | 2209.00 | 1851.40 | 1718.42 |
| Indicator value | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.5% | 0.4% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



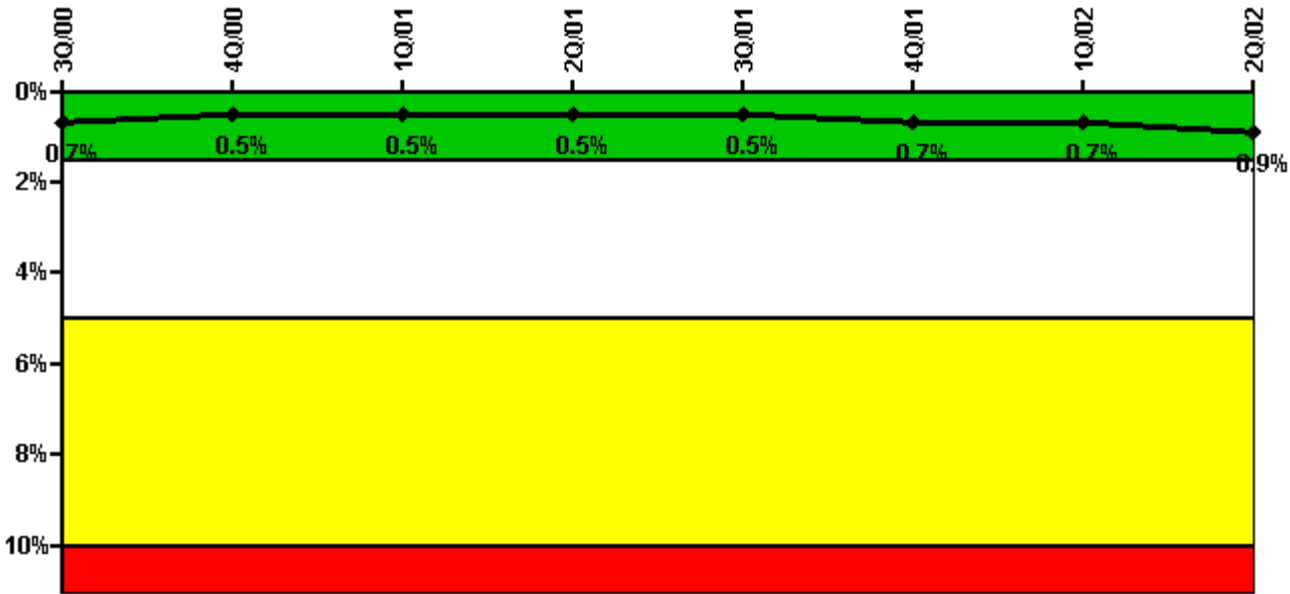
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 32.85 | 1.08 | 0.83 | 0.42 | 1.67 | 46.52 | 7.67 | 5.75 |
| Unplanned unavailable hours | 0.43 | 0 | 0 | 0 | 0 | 26.15 | 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 | 2094.63 | 1399.32 | 2109.12 | 2183.00 | 2208.00 | 2209.00 | 1851.40 | 1718.42 |
| Indicator value | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.7% | 0.6% | 0.5% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

Notes

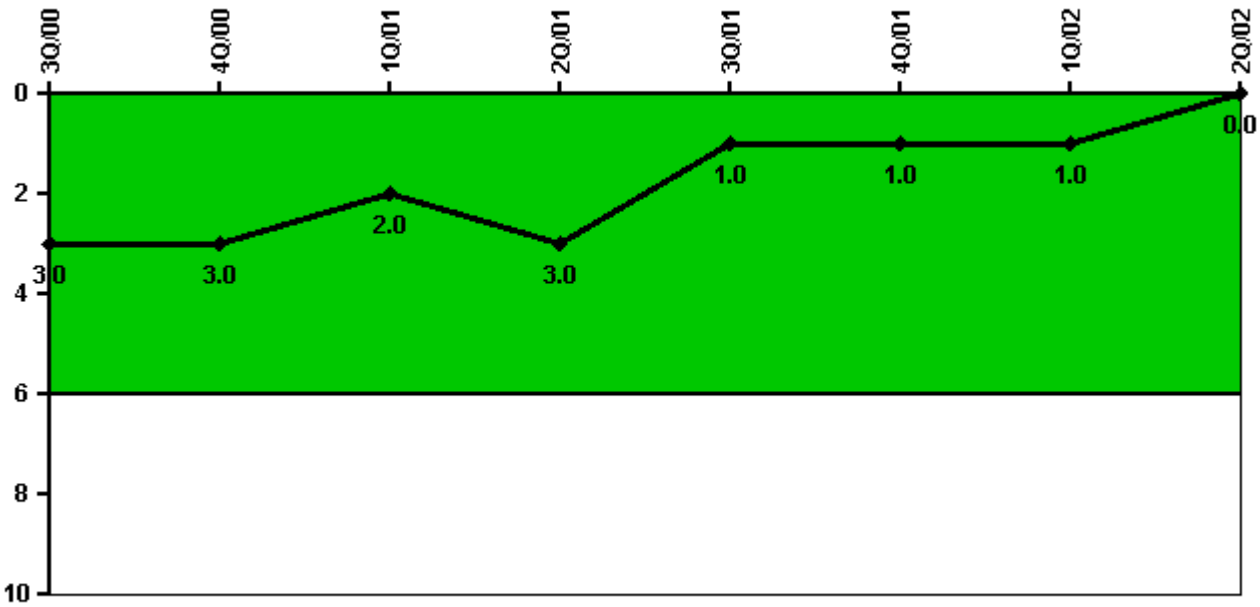
| Safety System Unavailability, Residual Heat Removal System | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0.37 | 12.50 | 0 | 0 | 0 | 0 | 31.38 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.83 |
| 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 | 7.45 | 78.65 | 0 | 0 | 0 | 0 | 18.28 | 98.77 |
| Unplanned unavailable hours | 0 | 0.83 | 0 | 0 | 0 | 126.72 | 0 | 0.83 |
| 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 | 0.7% | 0.5% | 0.5% | 0.5% | 0.5% | 0.7% | 0.7% | 0.9% |

Licensee Comments:

4Q/01: 01/2000(train 1), 59.667 planned unavailable hours, 04/2000 (train 2), 7.583 planned unavailable hours, and 12/2001(train 2), 126.717 unplanned unavailable hours were added due to a design deficiency identified that makes 2 RHRSW pumps in the same division unavailable when the motor cooling water piping is disconnected from a single pump. This did not affect the color of the indicator.

2Q/00: 1Q2000 - The number of Planned Unavailable Hours (Train 1) indicated for this quarter was 22.03. This value should have been 22.333. This change does not result in a threshold color change.

Safety System Functional Failures (BWR)



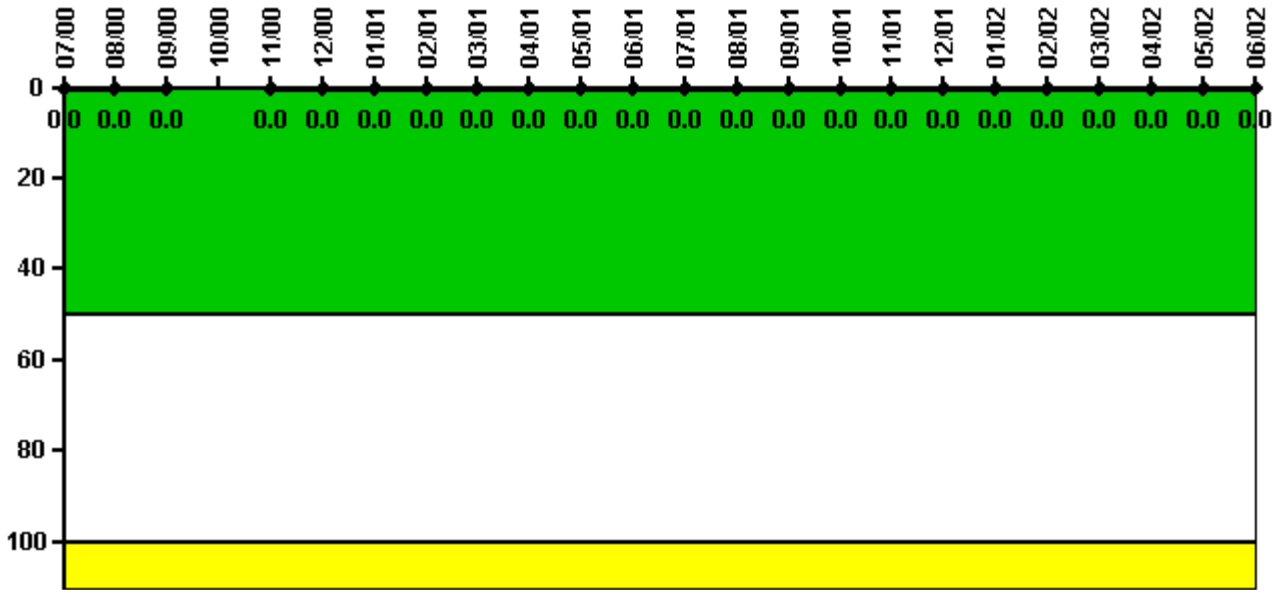
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Indicator value | 3 | 3 | 2 | 3 | 1 | 1 | 1 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

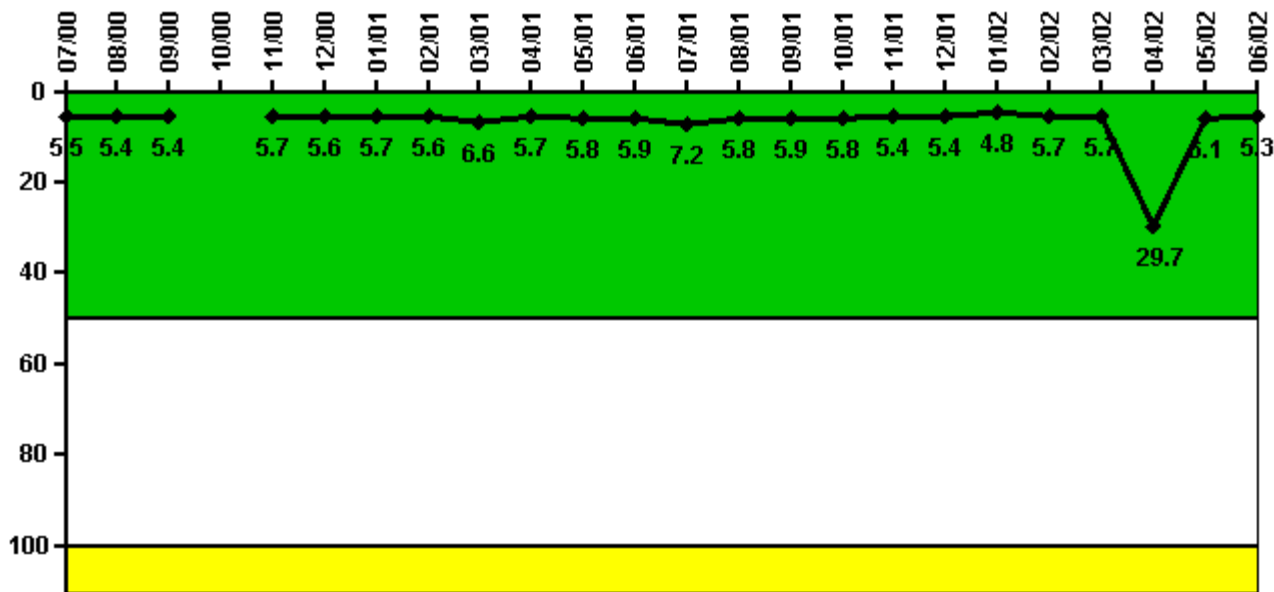
Notes

| Reactor Coolant System Activity | 7/00 | 8/00 | 9/00 | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 |
|---------------------------------|----------|----------|----------|-------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000070 | 0.000040 | 0.000050 | N/A | 0.000020 | 0.000030 | 0.000030 | 0.000030 | 0.000030 | 0.000010 | 0.000009 | 0.000030 |
| 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 | N/A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| 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 |

Licensee Comments: none

Reactor Coolant System Leakage



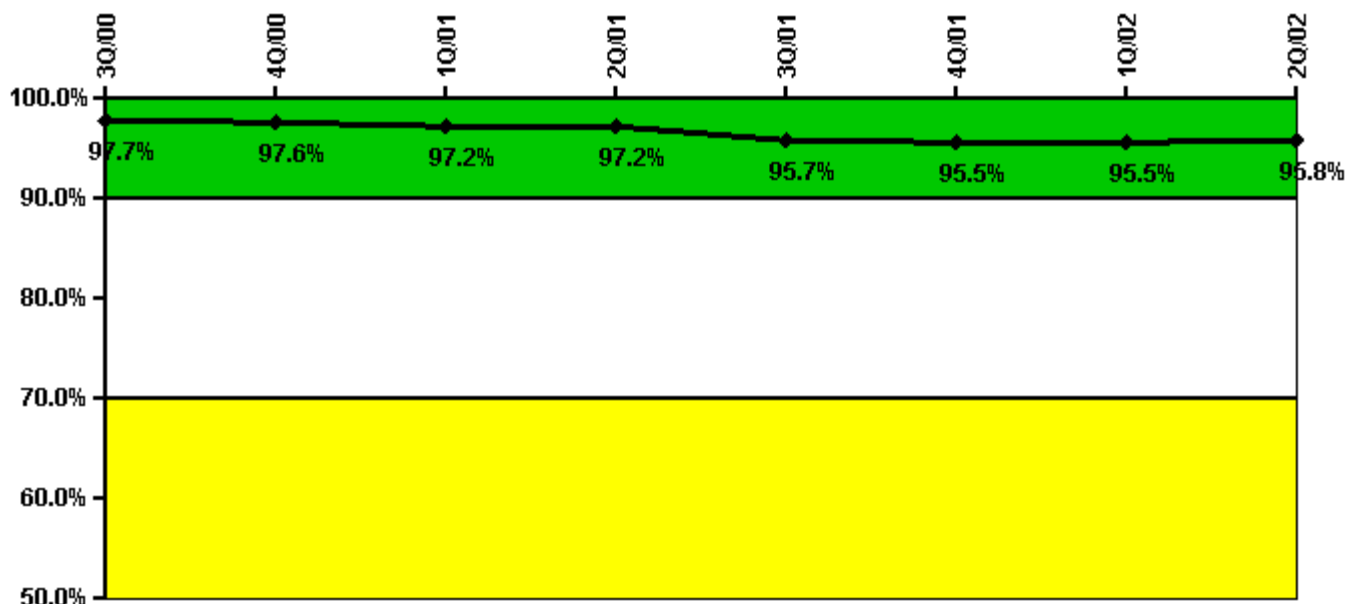
Thresholds: White > 50.0 Yellow > 100.0

Notes

| | | | | | | | | | | | | |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Reactor Coolant System Leakage | 7/00 | 8/00 | 9/00 | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 |
| Maximum leakage | 1.640 | 1.630 | 1.630 | N/A | 1.700 | 1.680 | 1.700 | 1.690 | 1.990 | 1.720 | 1.740 | 1.770 |
| 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 | 5.5 | 5.4 | 5.4 | N/A | 5.7 | 5.6 | 5.7 | 5.6 | 6.6 | 5.7 | 5.8 | 5.9 |
| 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 |

Licensee Comments: none

Drill/Exercise Performance



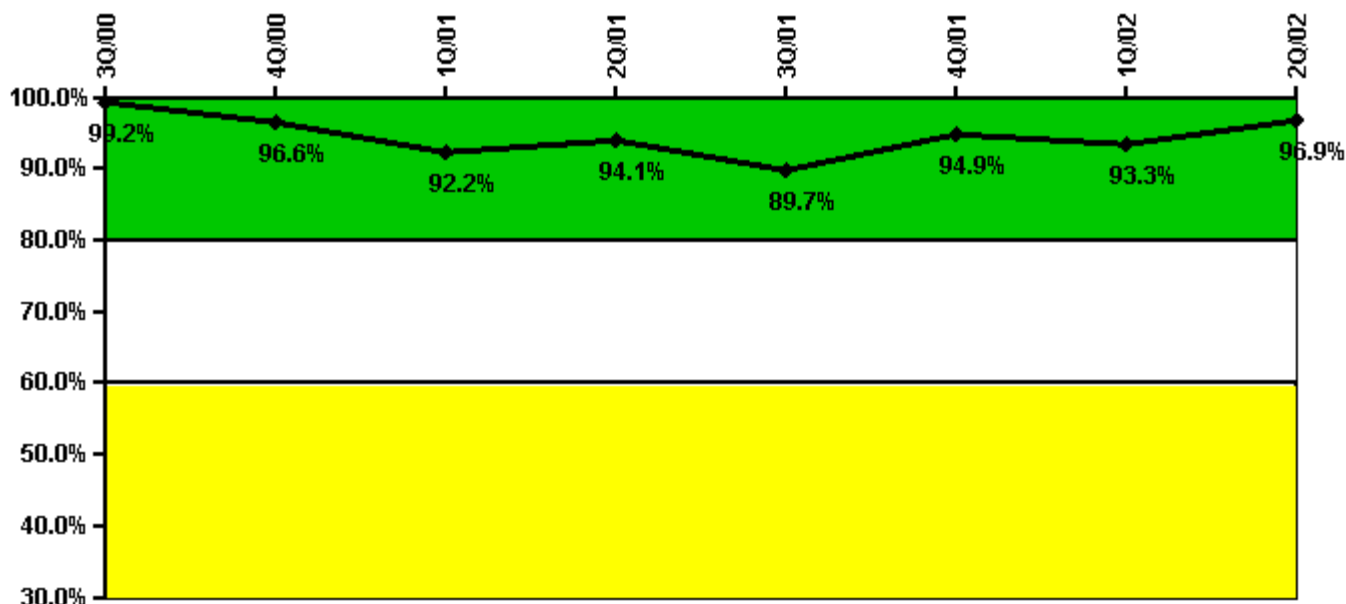
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 53.0 | 0 | 18.0 | 33.0 | 17.0 | 8.0 | 0 | 8.0 |
| Total opportunities | 55.0 | 0 | 19.0 | 34.0 | 19.0 | 8.0 | 0 | 8.0 |
| | | | | | | | | |
| Indicator value | 97.7% | 97.6% | 97.2% | 97.2% | 95.7% | 95.5% | 95.5% | 95.8% |

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 118.0 | 115.0 | 118.0 | 127.0 | 122.0 | 131.0 | 126.0 | 123.0 |
| Total Key personnel | 119.0 | 119.0 | 128.0 | 135.0 | 136.0 | 138.0 | 135.0 | 127.0 |
| | | | | | | | | |
| Indicator value | 99.2% | 96.6% | 92.2% | 94.1% | 89.7% | 94.9% | 93.3% | 96.9% |

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.**

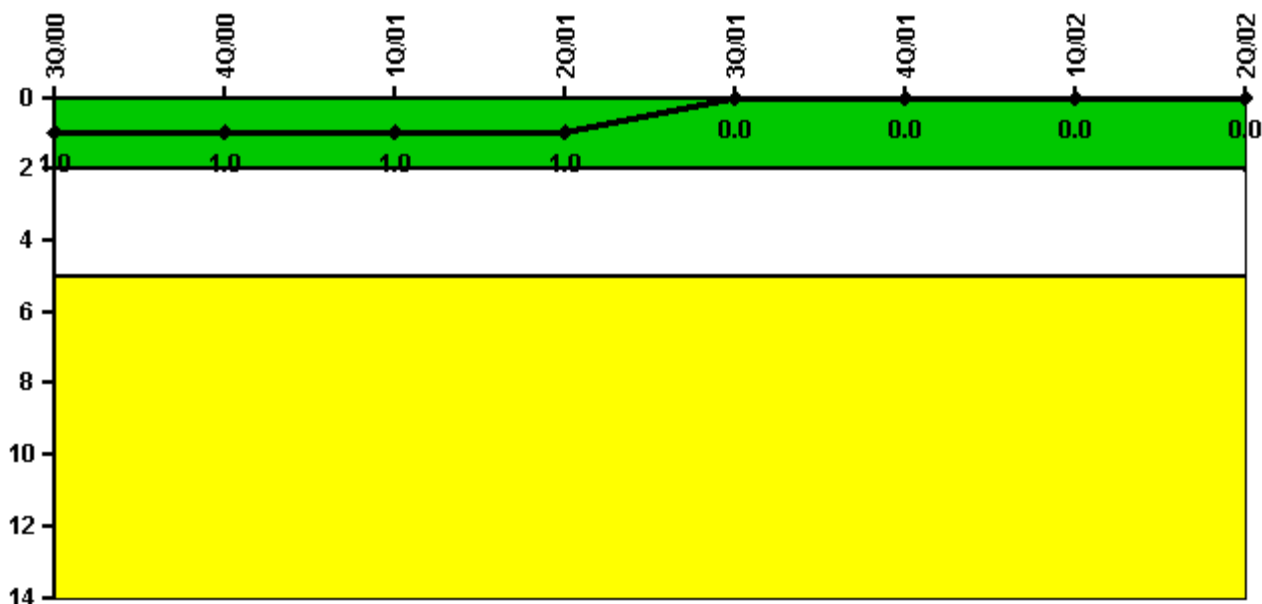
Notes

| Alert & Notification System | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | | | | | | | | |
| Total sirens-tests | | | | | | | | |
| | | | | | | | | |
| Indicator value | | | | | | | | |

Licensee Comments:

2Q/02: 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/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



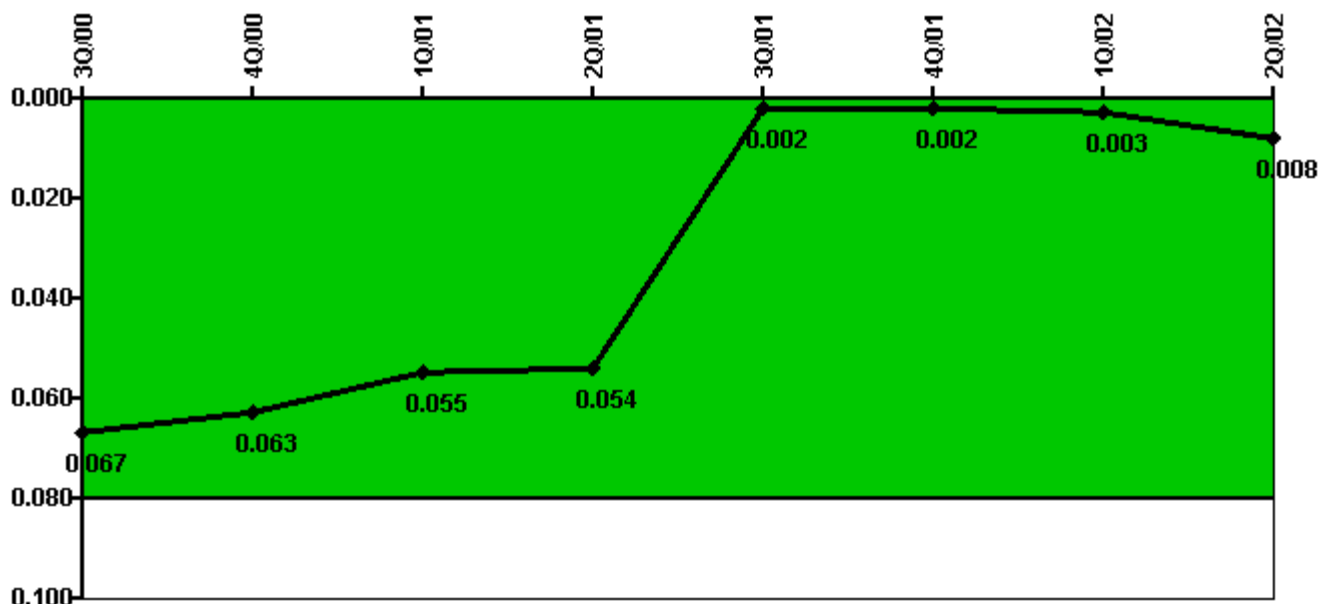
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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



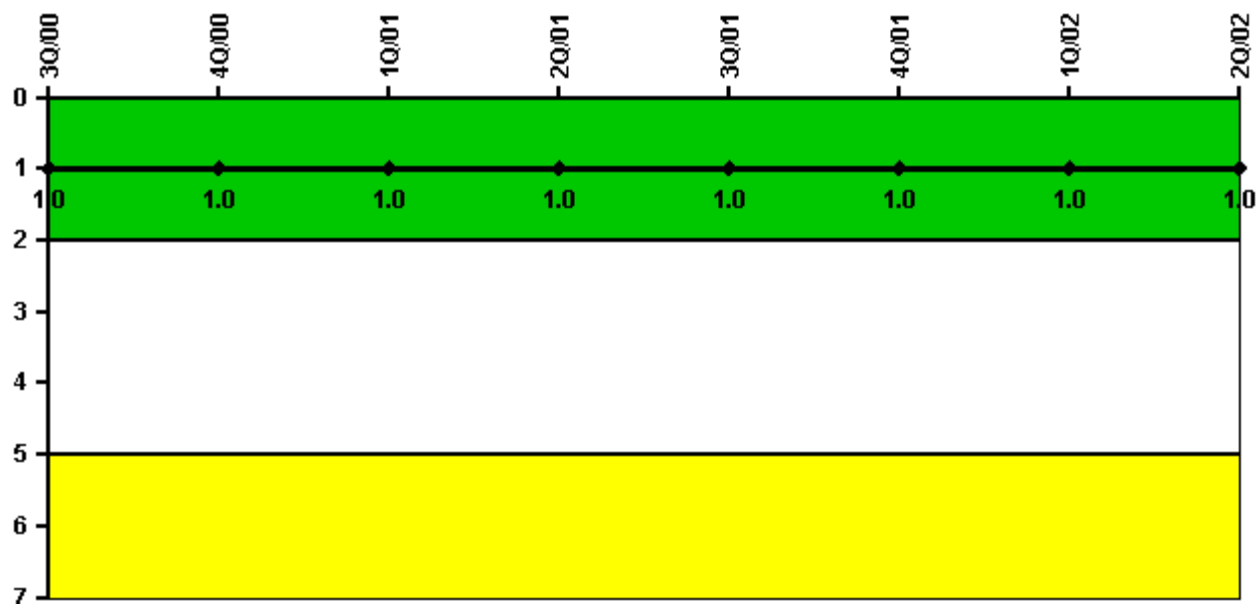
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|---------|-------|-------|-------|-------|-------|-------|-------|
| IDS compensatory hours | 1013.82 | 19.62 | 0 | 0.47 | 0 | 20.50 | 20.75 | 14.06 |
| CCTV compensatory hours | 0.4 | 0 | 1.1 | 0 | 9.0 | 0 | 0 | 87.5 |
| IDS normalization factor | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 |
| CCTV normalization factor | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Index Value | 0.067 | 0.063 | 0.055 | 0.054 | 0.002 | 0.002 | 0.003 | 0.008 |

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 31, 2002