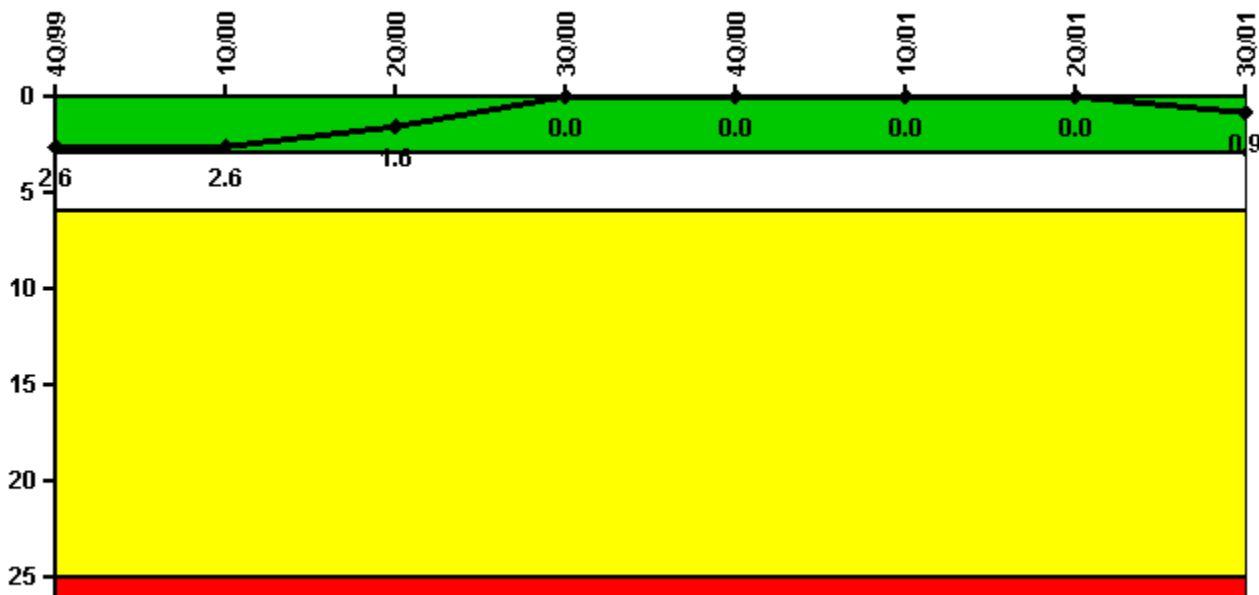


Browns Ferry 2

3Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



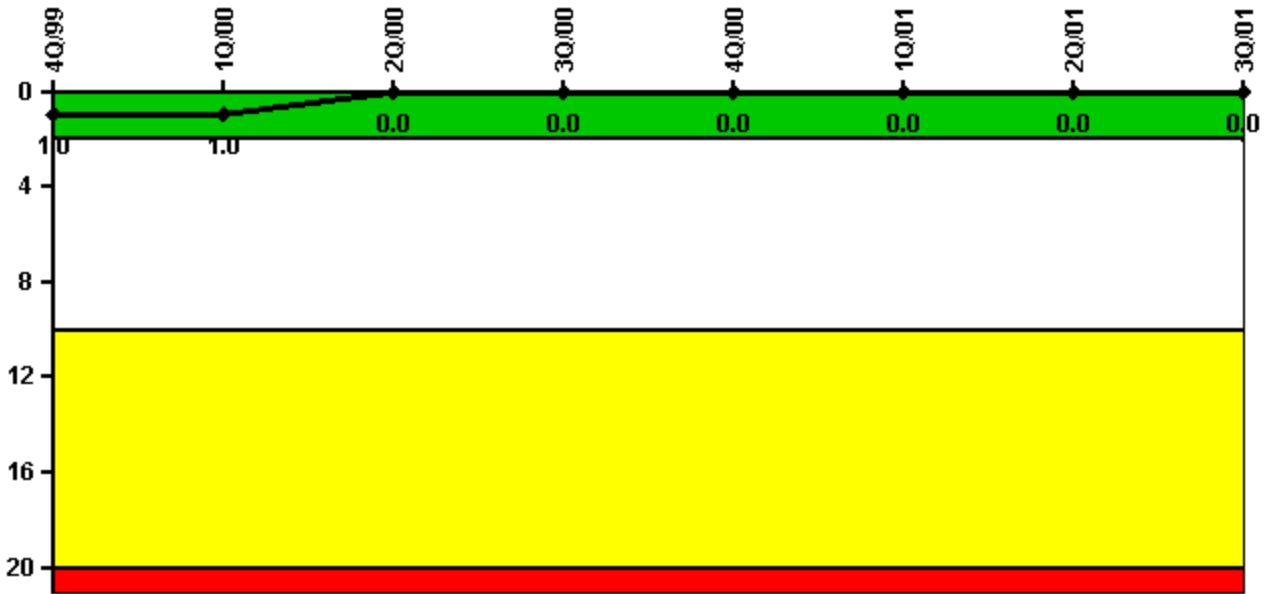
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2209.0 | 2184.0 | 2151.0 | 2189.0 | 2209.0 | 1833.0 | 1665.8 | 2175.9 |
| | | | | | | | | |
| Indicator value | 2.6 | 2.6 | 1.6 | 0 | 0 | 0 | 0 | 0.9 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



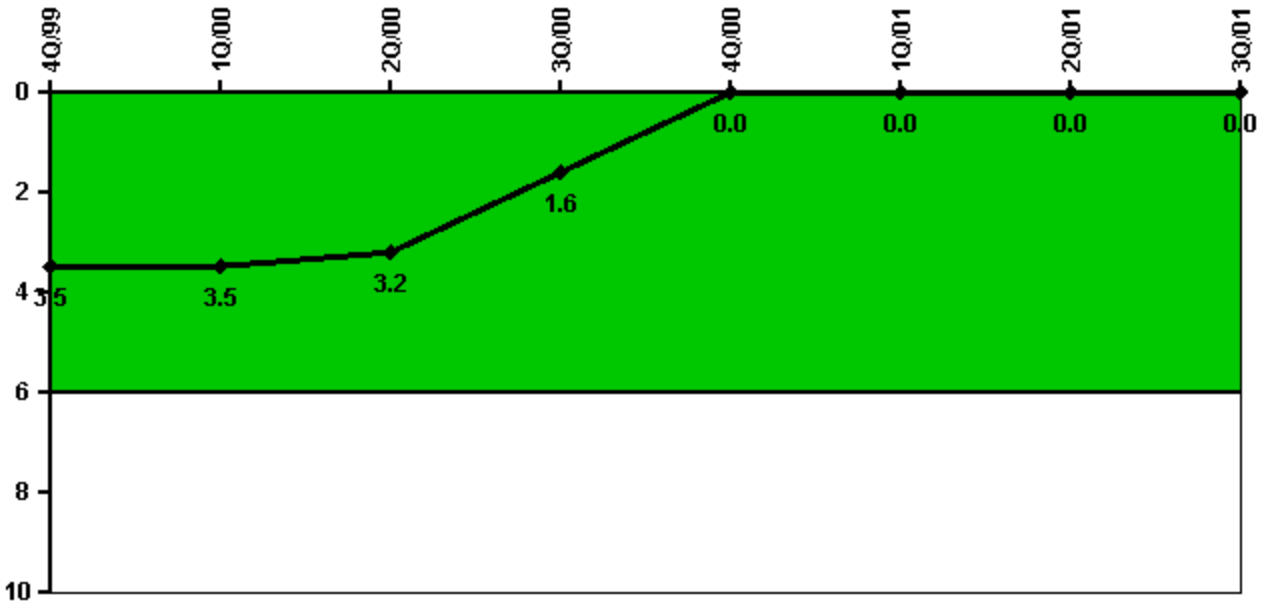
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1.0 | 1.0 | 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 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2184.0 | 2151.0 | 2189.0 | 2209.0 | 1833.0 | 1665.8 | 2175.9 |
| Indicator value | 3.5 | 3.5 | 3.2 | 1.6 | 0 | 0 | 0 | 0 |

Licensee Comments: none

| | | | | | | | | |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 |
| Train 6 | | | | | | | | |
| Planned unavailable hours | 1.60 | 2.40 | 1.80 | 4.65 | 2.49 | 0.92 | 0.72 | 1.34 |
| Unplanned unavailable hours | 40.60 | 2.00 | 0 | 0 | 0 | 8.91 | 0 | 8.42 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 |
| Train 7 | | | | | | | | |
| Planned unavailable hours | 1.00 | 2.30 | 2.40 | 6.05 | 1.18 | 0.95 | 1.64 | 0.94 |
| Unplanned unavailable hours | 54.20 | 65.40 | 0 | 0 | 0 | 0 | 13.32 | 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 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 |
| Train 8 | | | | | | | | |
| Planned unavailable hours | 2.40 | 2.50 | 4.10 | 1.90 | 0.85 | 0.99 | 1.02 | 1.29 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 3.85 | 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 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 |
| | | | | | | | | |
| Indicator value | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.5% | 0.5% | 0.5% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



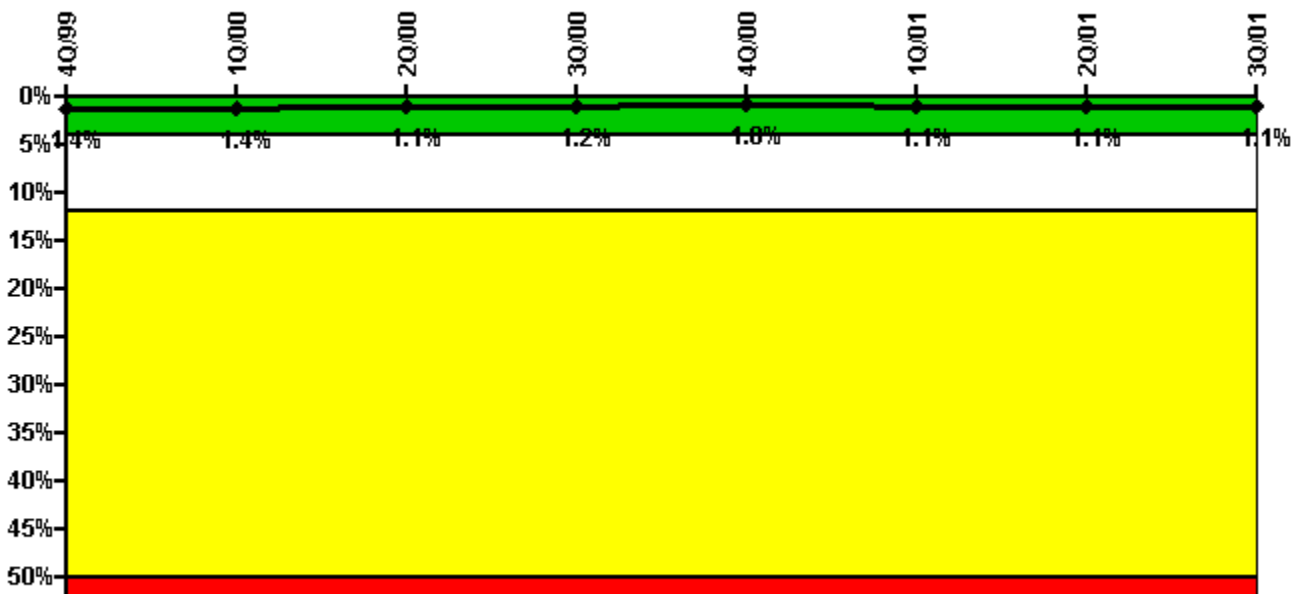
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 2.25 | 0 | 1.97 | 21.38 | 0 | 63.93 | 2.65 | 0 |
| Unplanned unavailable hours | 0.17 | 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 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 1837.40 | 1657.97 | 2208.00 |
| Indicator value | 1.3% | 1.3% | 1.0% | 1.0% | 0.8% | 0.8% | 0.9% | 0.8% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



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

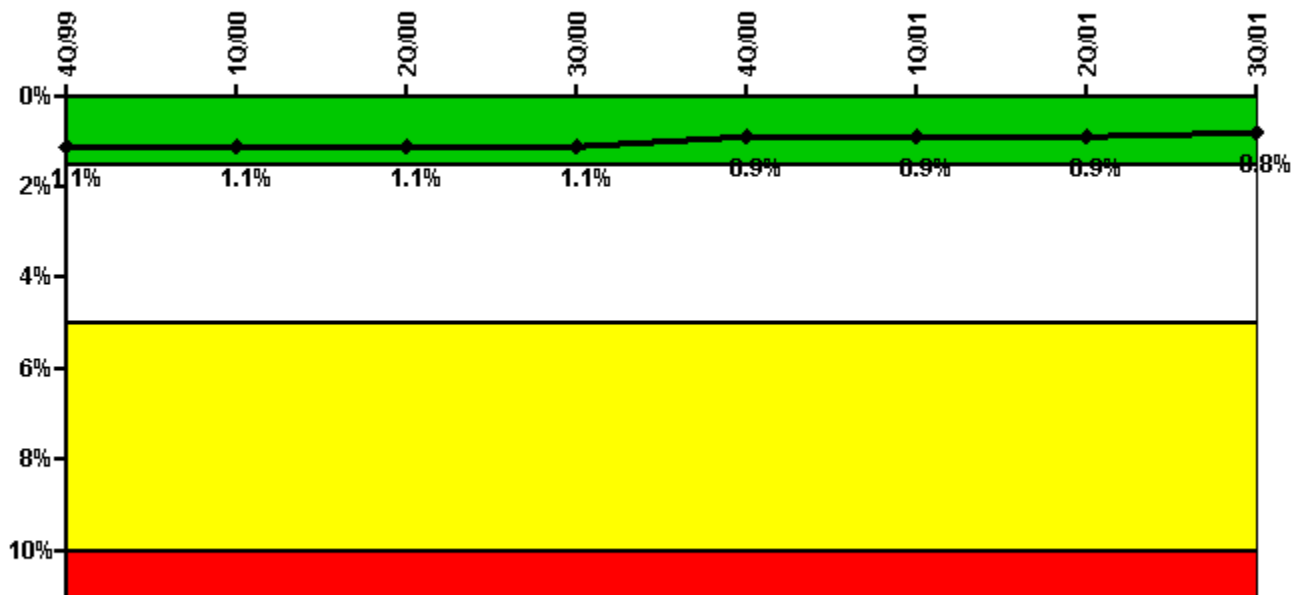
Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 26.77 | 0.08 | 1.57 | 24.33 | 0.30 | 23.88 | 0.28 | 0.23 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 12.23 | 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 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 1837.40 | 1657.97 | 2208.00 |
| Indicator value | 1.4% | 1.4% | 1.1% | 1.2% | 1.0% | 1.1% | 1.1% | 1.1% |

Licensee Comments:

3Q/01: Revised June 2001 from 0 to 0.15 due to engineering re-evaluation. No color change.

Safety System Unavailability, Residual Heat Removal System



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

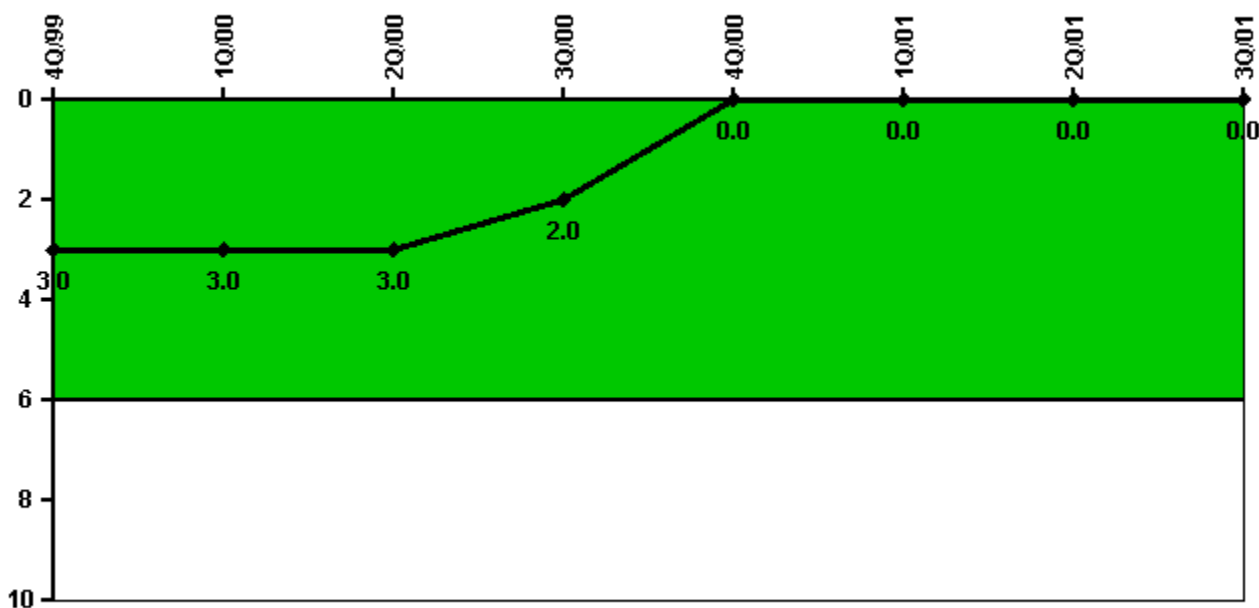
Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0.53 | 9.23 | 23.05 | 15.07 | 0.57 | 7.48 | 3.10 | 0.70 |
| 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 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 1935.00 | 1932.00 | 2208.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 9.32 | 27.87 | 16.76 | 11.10 | 0.38 | 14.93 | 71.94 | 0.37 |
| 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 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 1935.00 | 1670.00 | 2208.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 18.49 | 21.27 | 0.45 | 16.70 | 0.57 | 7.48 | 3.10 | 0.70 |
| 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 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 1935.00 | 1932.00 | 2208.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 7.55 | 27.87 | 0.30 | 11.10 | 0.38 | 10.40 | 3.45 | 0.37 |

| | | | | | | | | |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 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 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 1935.00 | 1670.00 | 2208.00 |
| Indicator value | 1.1% | 1.1% | 1.1% | 1.1% | 0.9% | 0.9% | 0.9% | 0.8% |

Licensee Comments: none

Safety System Functional Failures (BWR)



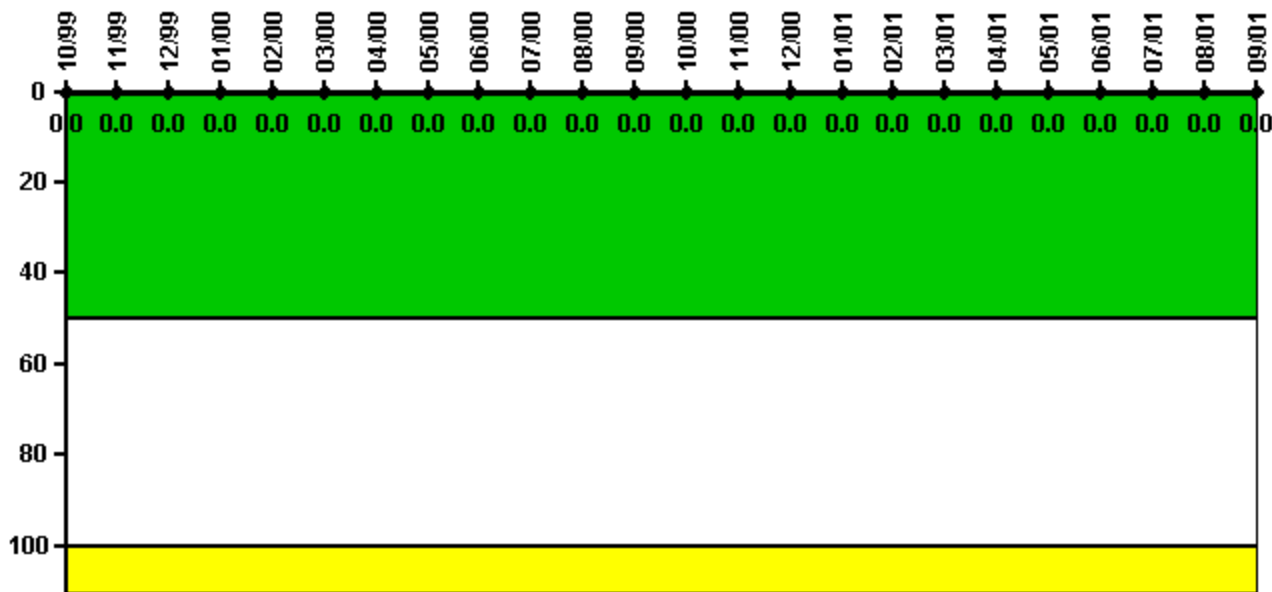
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

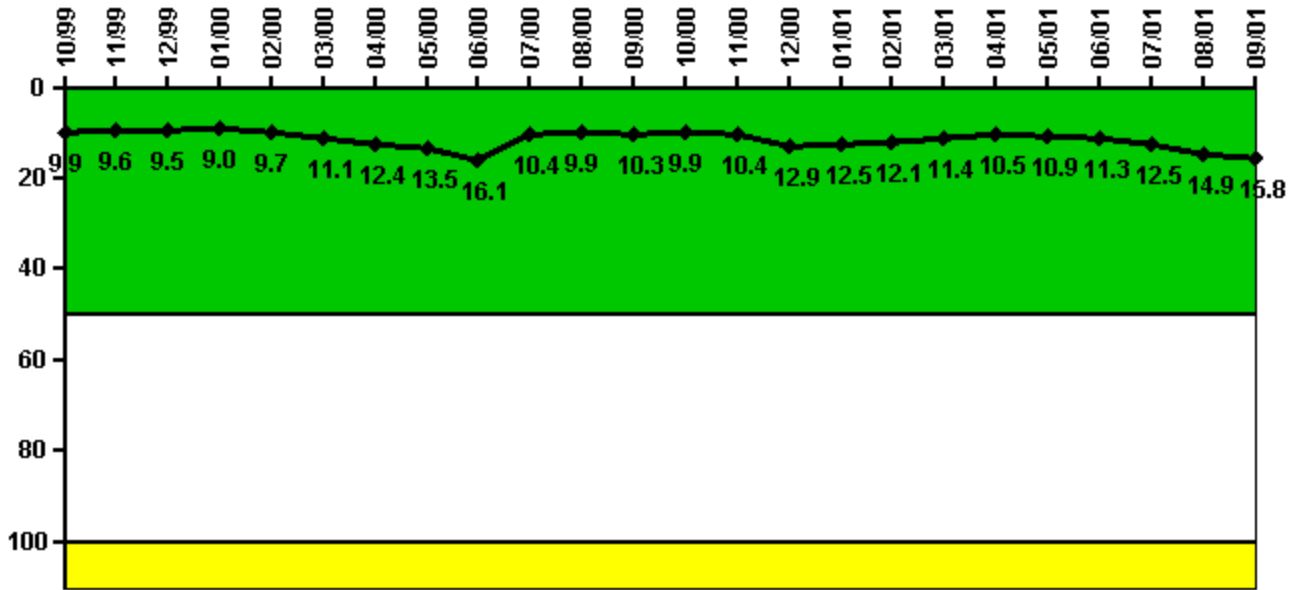
Notes

| Reactor Coolant System Activity | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000039 | 0.000039 | 0.000054 | 0.000029 | 0.000030 | 0.000047 | 0.000039 | 0.000025 | 0.000040 | 0.000034 | 0.000038 | 0.000029 |
| Technical specification limit | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Reactor Coolant System Activity | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 |
|---------------------------------|----------|----------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000026 | 0.000039 | 0.000028 | 0.000033 | 0.000028 | 0.000037 | 0 | 0.000024 | 0.000021 | 0.000011 | 0.000014 | 0.000010 |
| Technical specification limit | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 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

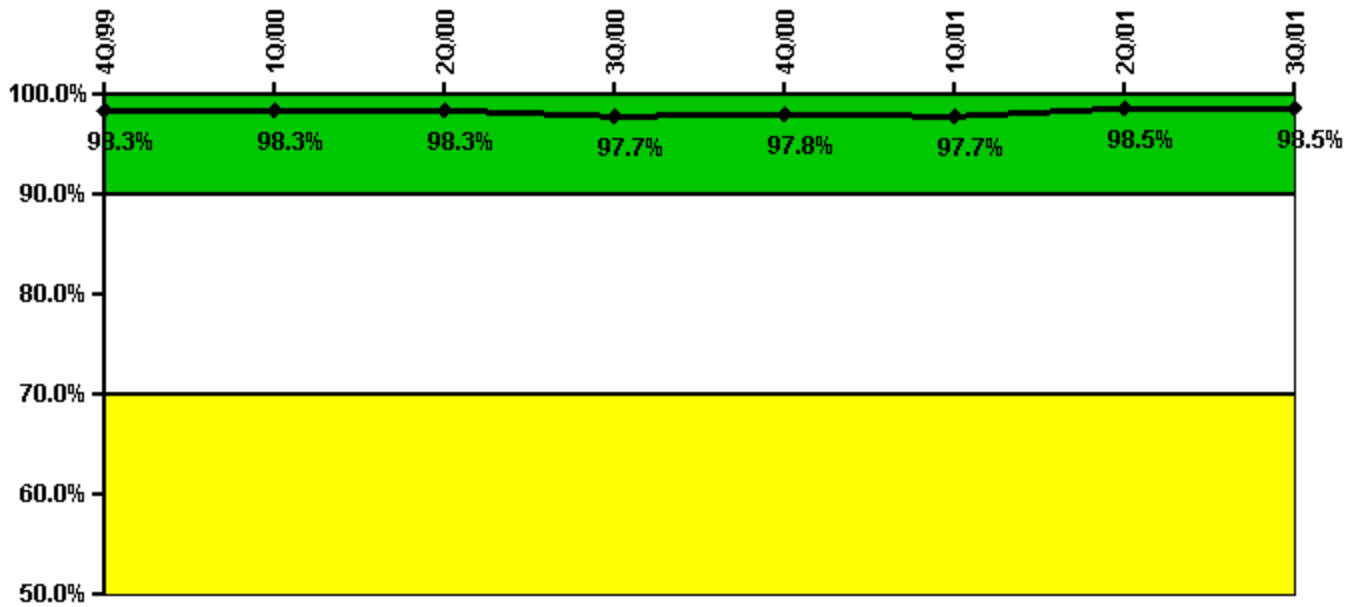
Notes

| Reactor Coolant System Leakage | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.970 | 2.870 | 2.860 | 2.700 | 2.900 | 3.340 | 3.730 | 4.040 | 4.830 | 3.120 | 2.960 | 3.100 |
| 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 | 9.9 | 9.6 | 9.5 | 9.0 | 9.7 | 11.1 | 12.4 | 13.5 | 16.1 | 10.4 | 9.9 | 10.3 |

| Reactor Coolant System Leakage | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.960 | 3.120 | 3.870 | 3.750 | 3.620 | 3.430 | 3.160 | 3.260 | 3.380 | 3.740 | 4.460 | 4.740 |
| 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 | 9.9 | 10.4 | 12.9 | 12.5 | 12.1 | 11.4 | 10.5 | 10.9 | 11.3 | 12.5 | 14.9 | 15.8 |

Licensee Comments: none

Drill/Exercise Performance



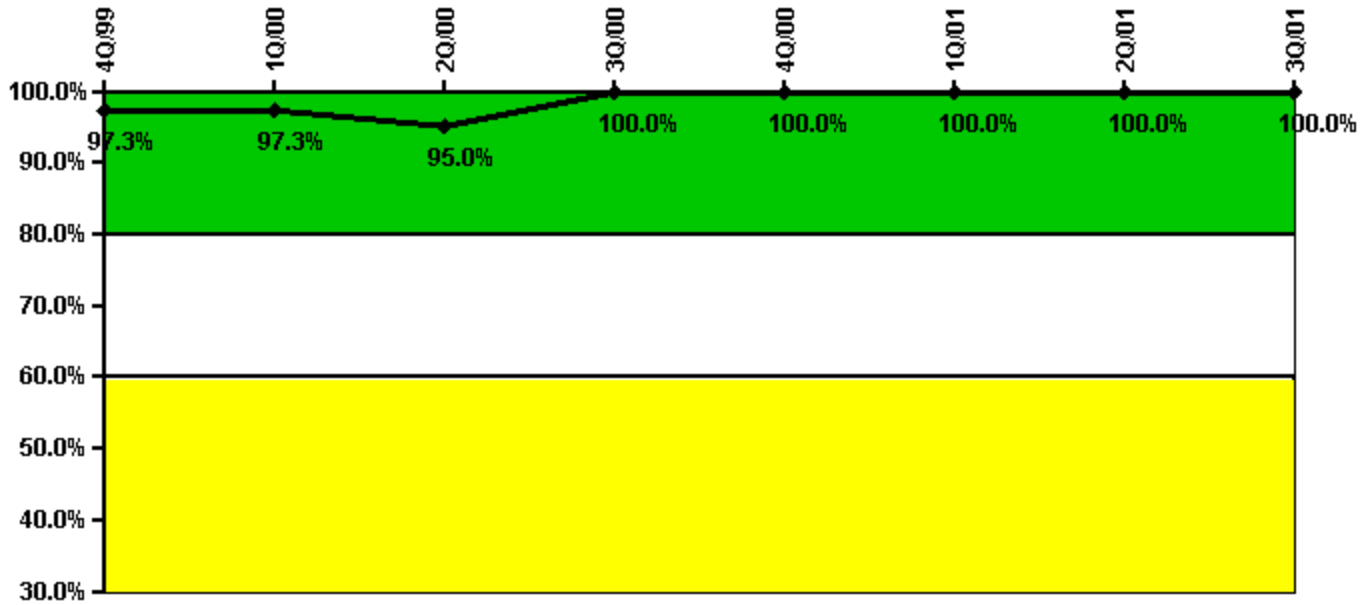
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 52.0 | 0 | 4.0 | 17.0 | 34.0 | 2.0 | 16.0 | 8.0 |
| Total opportunities | 53.0 | 0 | 4.0 | 18.0 | 34.0 | 2.0 | 16.0 | 8.0 |
| | | | | | | | | |
| Indicator value | 98.3% | 98.3% | 98.3% | 97.7% | 97.8% | 97.7% | 98.5% | 98.5% |

Licensee Comments: none

ERO Drill Participation



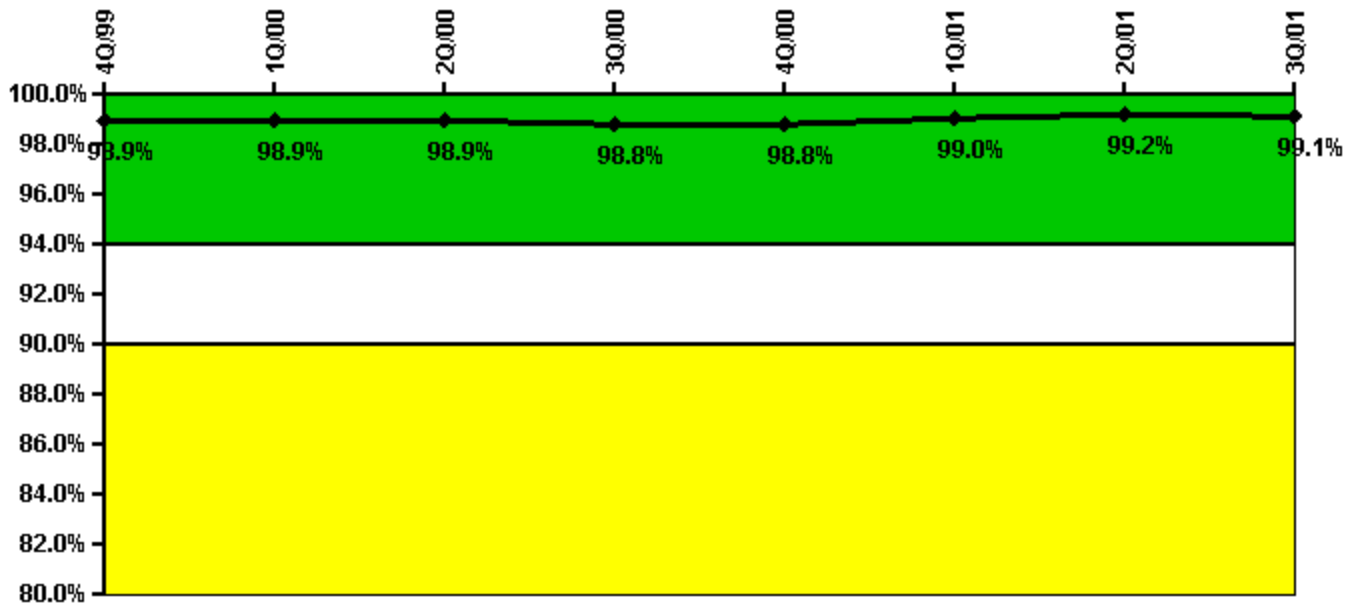
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|-----------------------------|-------|-------|-------|--------|--------|--------|--------|--------|
| Participating Key personnel | 36.0 | 36.0 | 38.0 | 41.0 | 37.0 | 38.0 | 38.0 | 39.0 |
| Total Key personnel | 37.0 | 37.0 | 40.0 | 41.0 | 37.0 | 38.0 | 38.0 | 39.0 |
| | | | | | | | | |
| Indicator value | 97.3% | 97.3% | 95.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



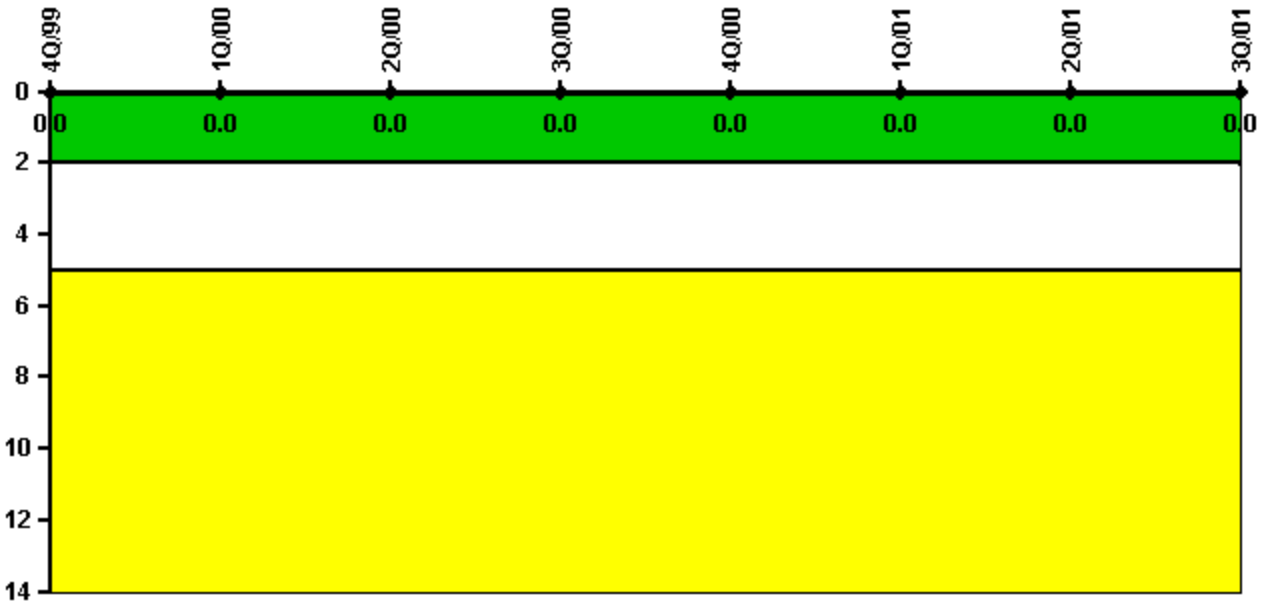
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 691 | 788 | 693 | 791 | 891 | 794 | 796 | 790 |
| Total sirens-tests | 700 | 800 | 700 | 800 | 900 | 800 | 800 | 800 |
| | | | | | | | | |
| Indicator value | 98.9% | 98.9% | 98.9% | 98.8% | 98.8% | 99.0% | 99.2% | 99.1% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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



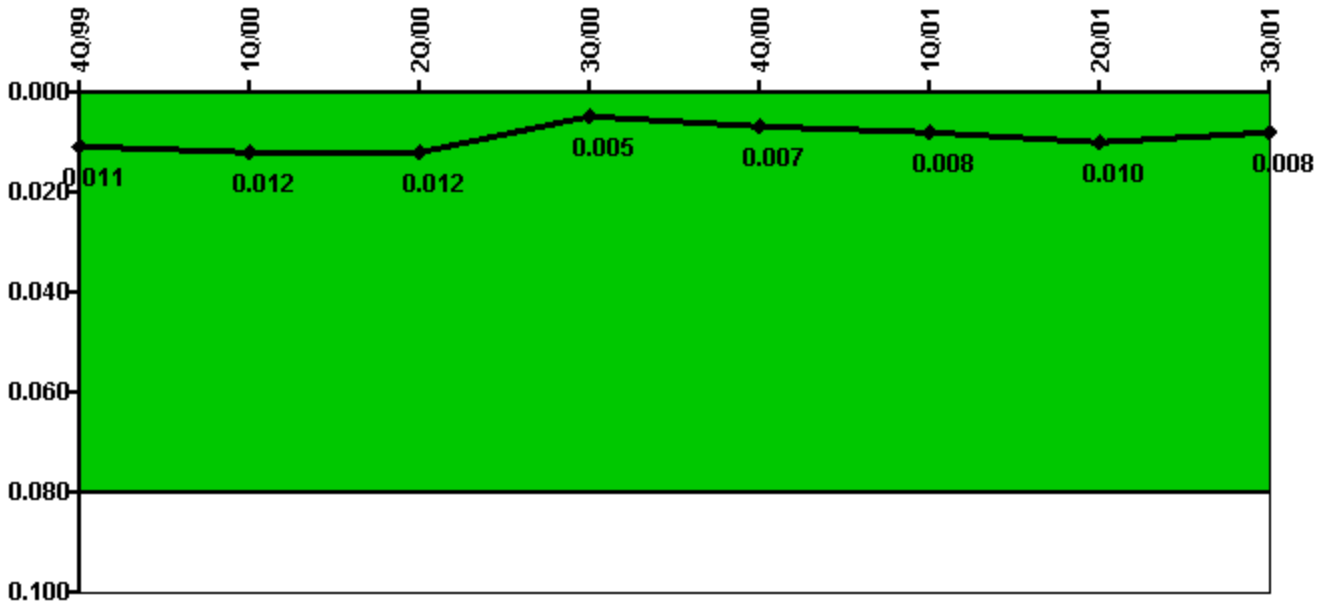
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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



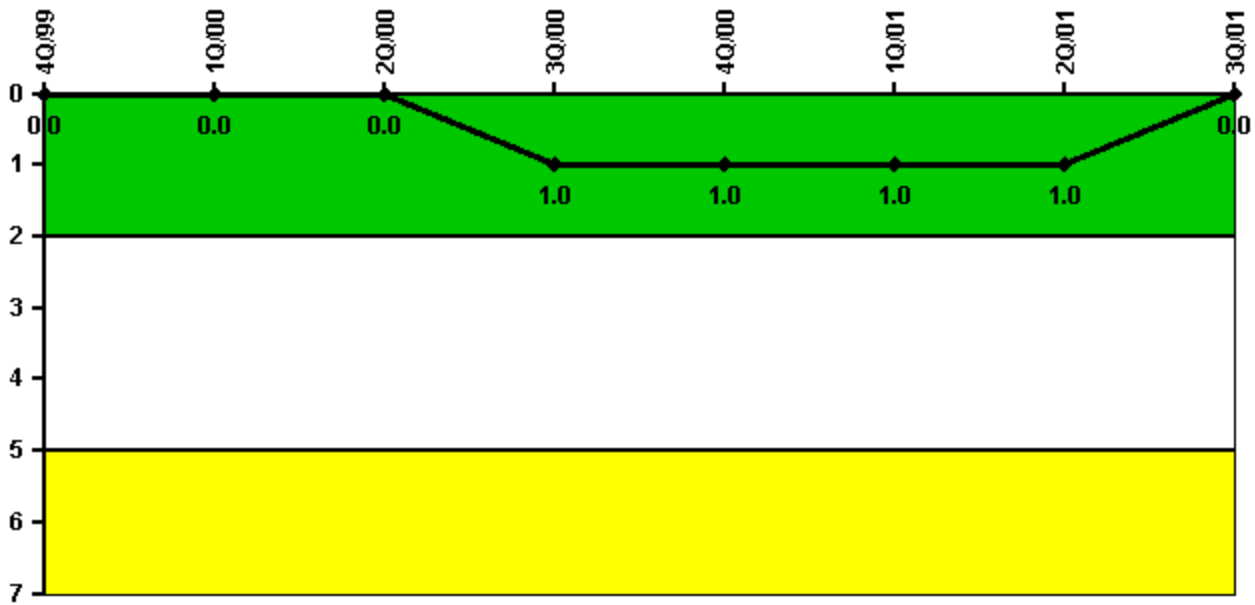
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 0 | 0 | 34.54 | 65.80 | 39.02 | 84.11 | 84.04 | 15.18 |
| CCTV compensatory hours | 0 | 37.7 | 2.9 | 26.6 | 27.4 | 0 | 0 | 29.9 |
| IDS normalization factor | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 |
| CCTV normalization factor | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| | | | | | | | | |
| Index Value | 0.011 | 0.012 | 0.012 | 0.005 | 0.007 | 0.008 | 0.010 | 0.008 |

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 26, 2002