

Hope Creek 1

4Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



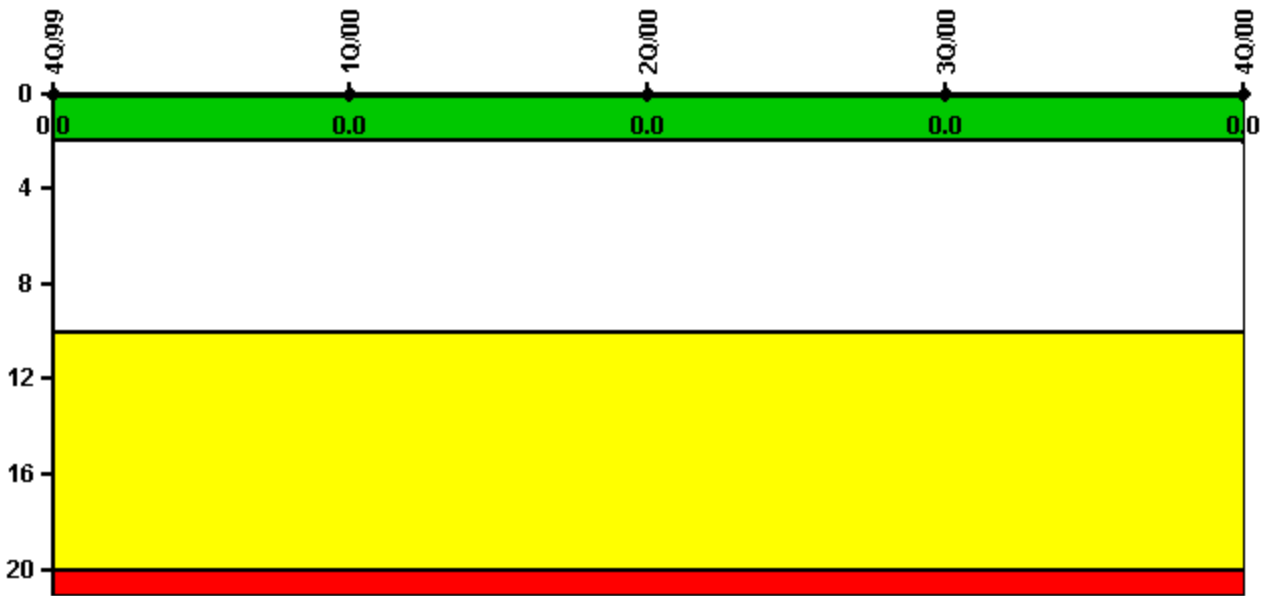
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|--|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2184.0 | 1119.0 | 2208.0 | 2209.0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



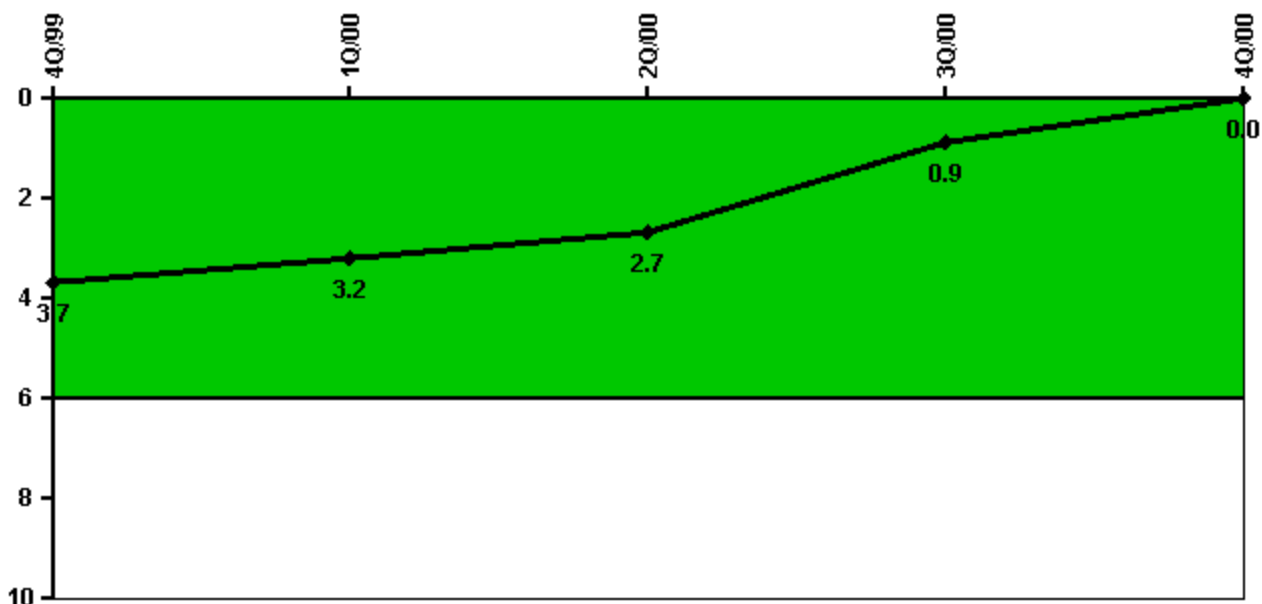
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



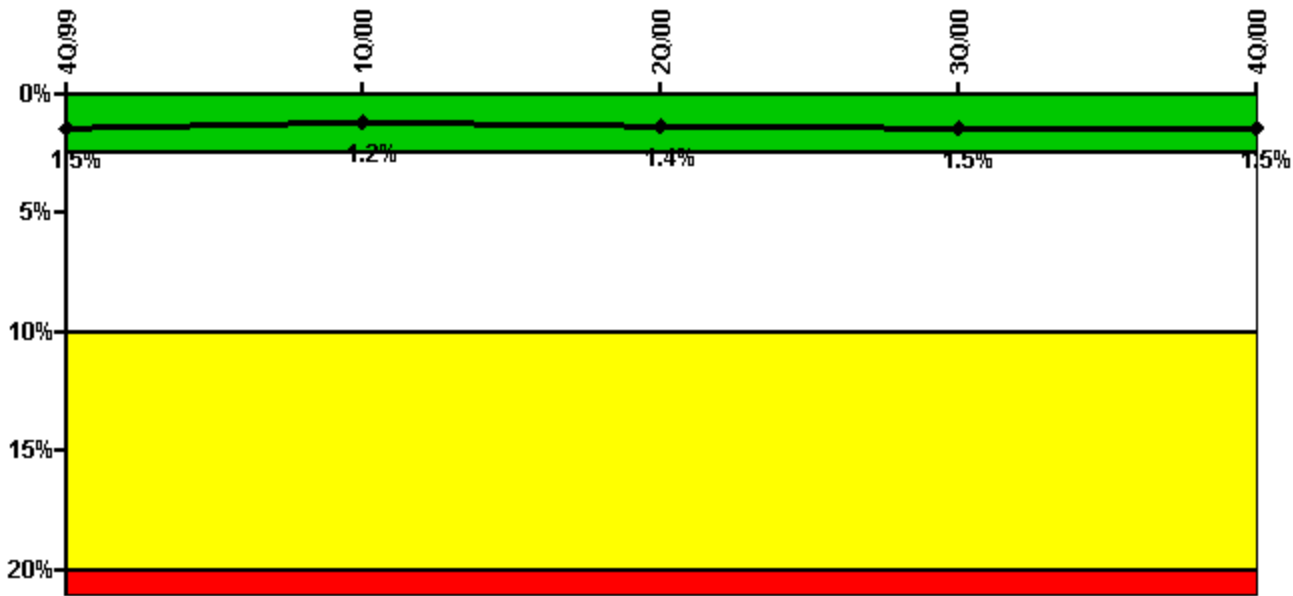
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|--------|--------|--------|--------|--------|
| Unplanned power changes | 1.0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2184.0 | 1119.0 | 2208.0 | 2209.0 |
| | | | | | |
| Indicator value | 3.7 | 3.2 | 2.7 | 0.9 | 0 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



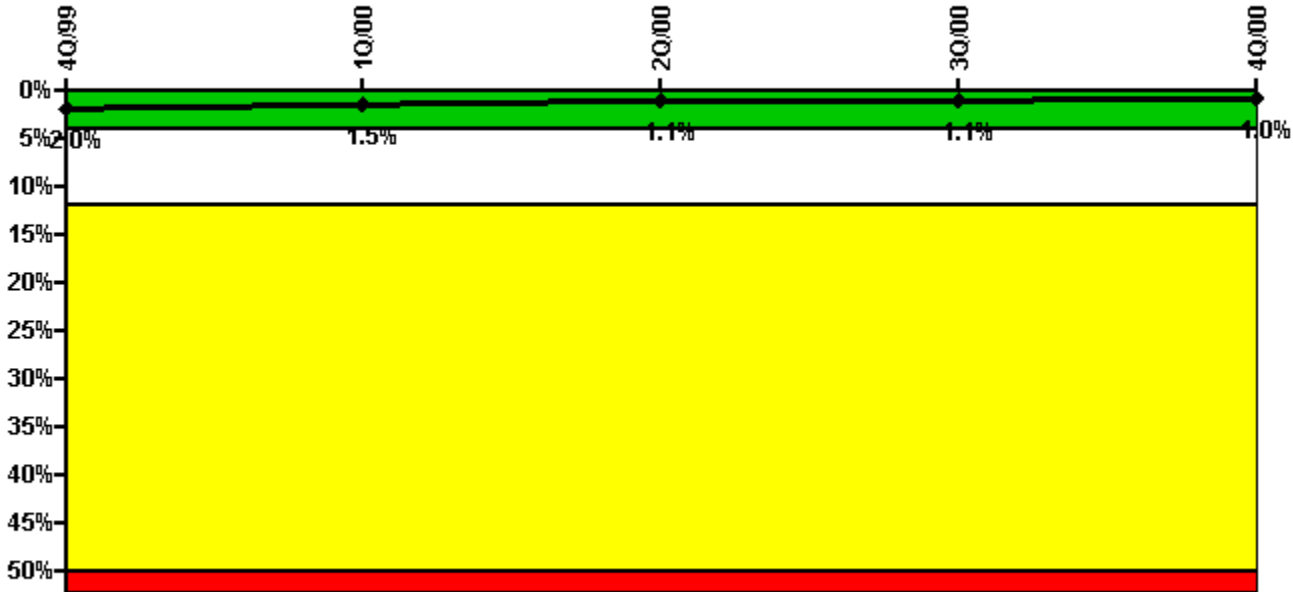
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 0.40 | 19.50 | 0.20 | 68.70 | 0.60 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 52.60 | 9.10 | 0.70 | 0.50 | 33.30 |
| Unplanned unavailable hours | 20.17 | 0 | 11.20 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 336.00 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 1978.10 | 2208.00 | 2209.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 100.20 | 1.20 | 1.50 | 0.80 | 2.10 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 4 | | | | | |
| Planned unavailable hours | 0.10 | 134.50 | 0.20 | 56.50 | 20.50 |
| Unplanned unavailable hours | 0 | 0 | 0.20 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 1978.10 | 2208.00 | 2209.00 |
| | | | | | |
| Indicator value | 1.5% | 1.2% | 1.4% | 1.5% | 1.5% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



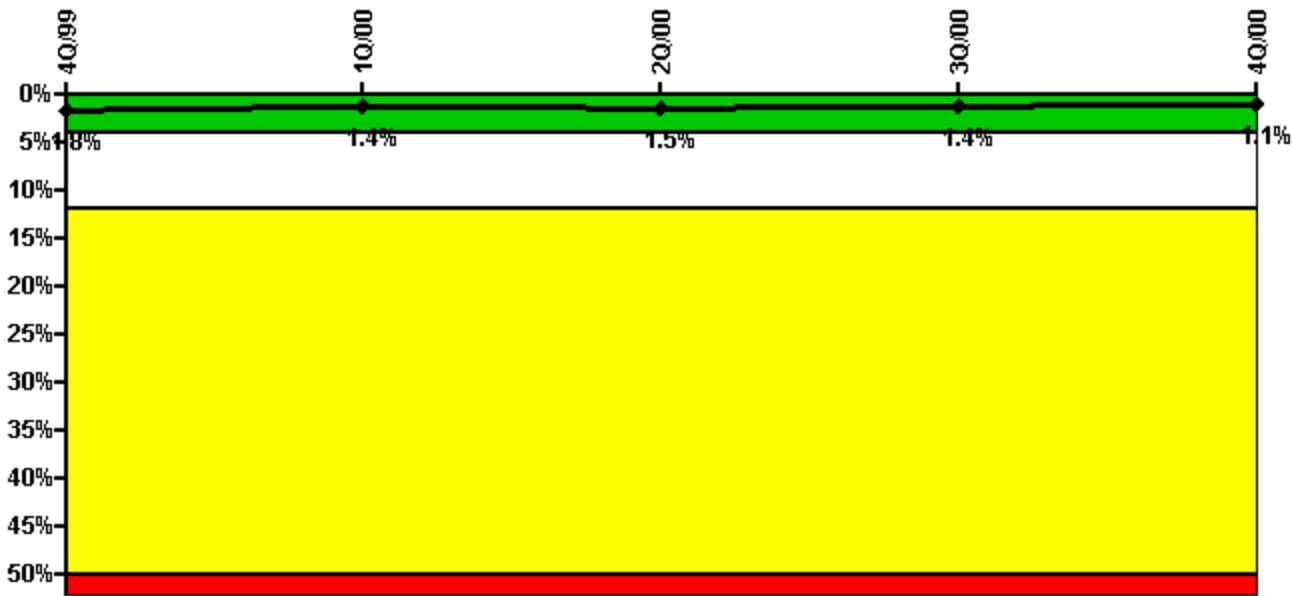
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 120.90 | 0.40 | 1.80 | 13.10 | 0.40 |
| Unplanned unavailable hours | 0 | 0 | 22.70 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 1.30 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 1095.90 | 2208.00 | 2209.00 |
| | | | | | |
| Indicator value | 2.0% | 1.5% | 1.1% | 1.1% | 1.0% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



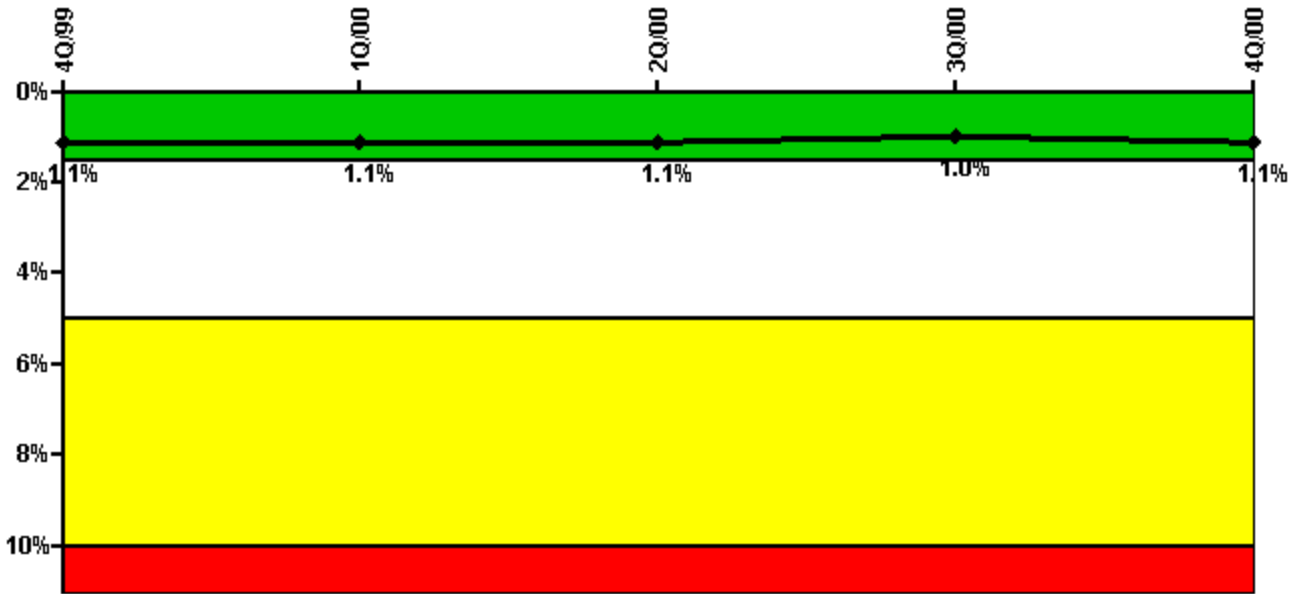
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|--|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 126.60 | 0 | 6.80 | 0.70 | 5.20 |
| Unplanned unavailable hours | 0 | 0 | 0.50 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 2.80 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 1112.10 | 2208.00 | 2209.00 |
| | | | | | |
| Indicator value | 1.8% | 1.4% | 1.5% | 1.4% | 1.1% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



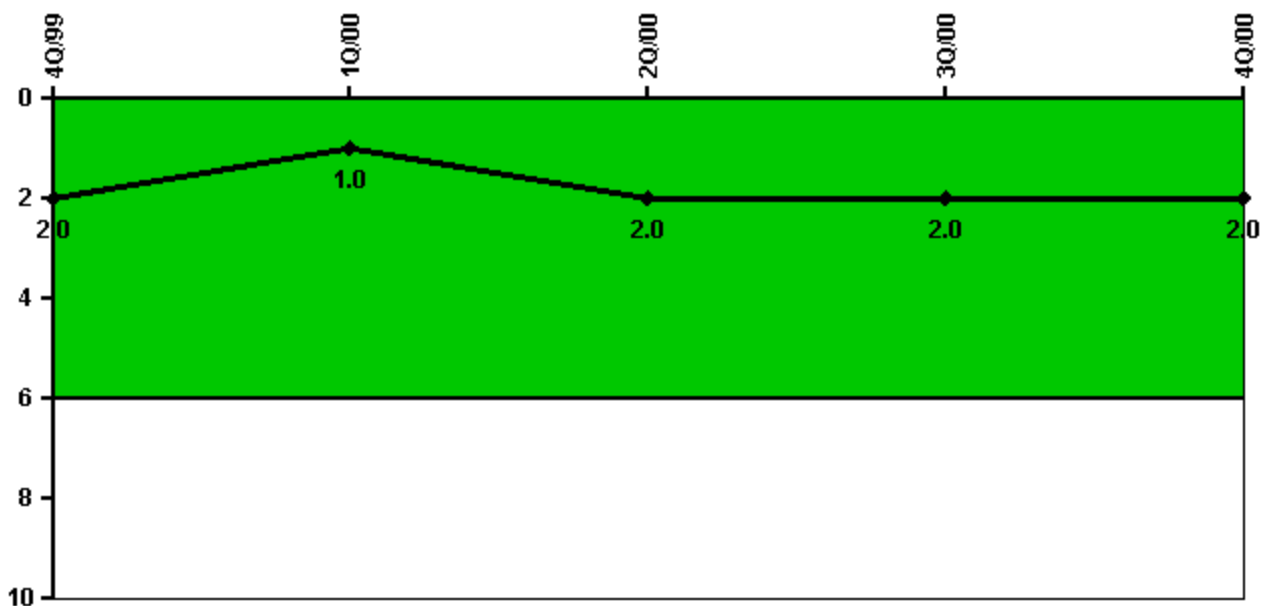
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|--|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 16.82 | 83.80 | 0 | 0.10 | 0.20 |
| Unplanned unavailable hours | 2.68 | 14.20 | 7.30 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 32.80 | 9.80 | 9.60 | 0.20 | 51.40 |
| Unplanned unavailable hours | 0.55 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 |
| | | | | | |
| Indicator value | 1.1% | 1.1% | 1.1% | 1.0% | 1.1% |

Licensee Comments: none

Safety System Functional Failures (BWR)



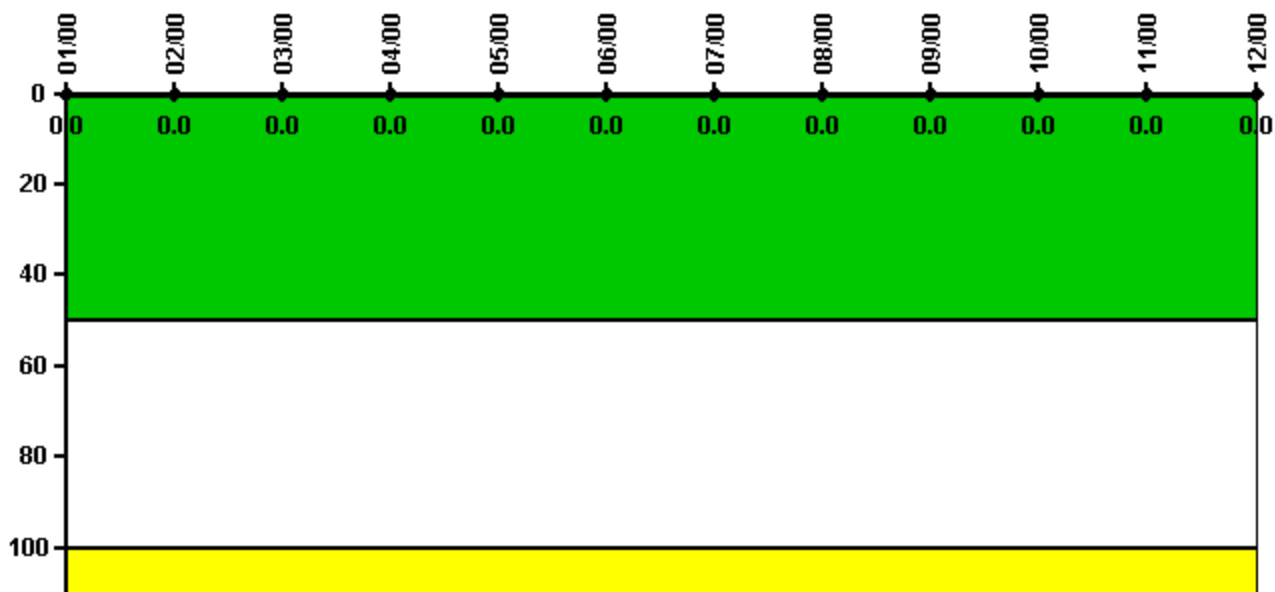
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 | 10/00 | 11/00 | 12/00 |
|---------------------------------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0 | 0.000065 | 0.000058 | 0.000065 | 0.000004 | 0.000017 | 0.000032 | 0.000036 | 0.000041 | 0.000035 | 0.000033 | 0.000038 |
| 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



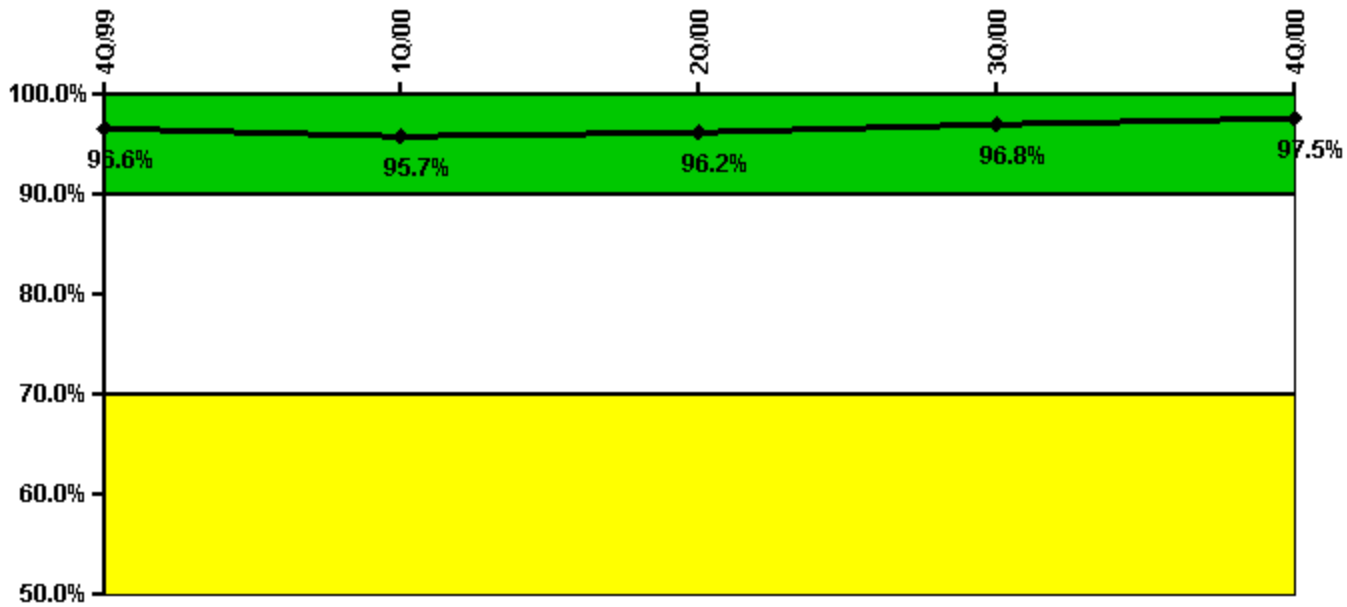
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 | 10/00 | 11/00 | 12/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.310 | 2.450 | 2.110 | 2.060 | 2.001 | 2.101 | 2.101 | 2.251 | 2.131 | 2.151 | 2.181 | 2.191 |
| Technical specification limit | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| Indicator value | 9.2 | 9.8 | 8.4 | 8.2 | 8.0 | 8.4 | 8.4 | 9.0 | 8.5 | 8.6 | 8.7 | 8.8 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

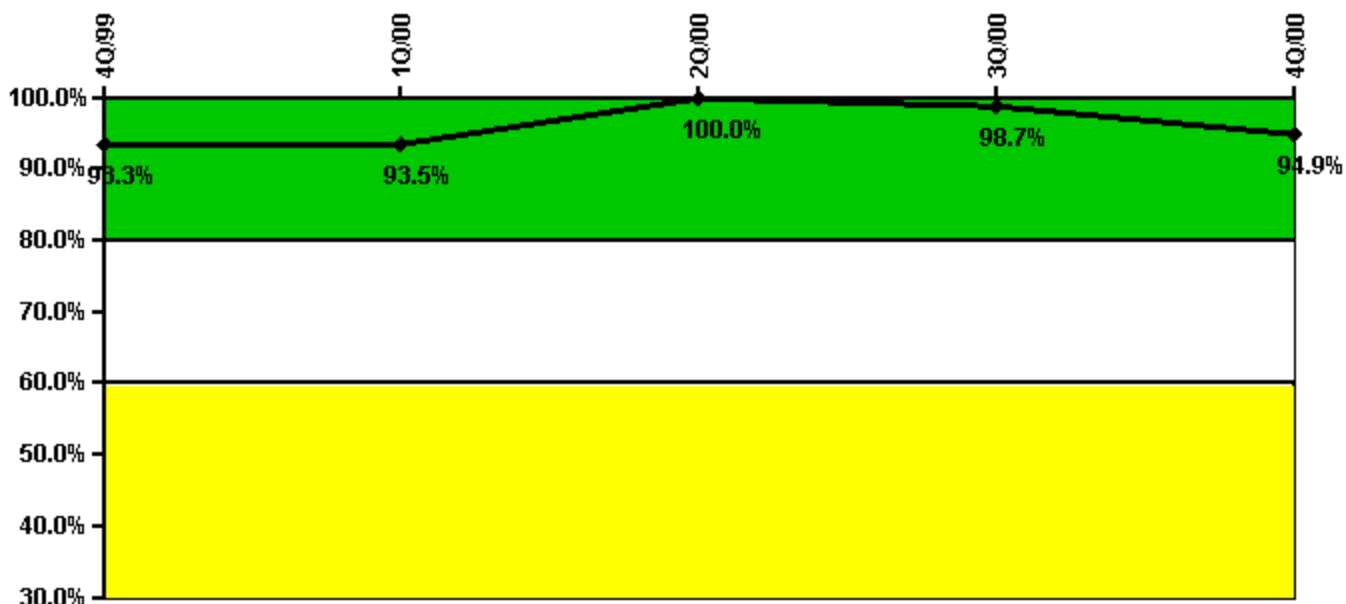
Notes

| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 94.0 | 37.0 | 32.0 | 50.0 | 74.0 |
| Total opportunities | 97.0 | 39.0 | 32.0 | 50.0 | 75.0 |
| | | | | | |
| Indicator value | 96.6% | 95.7% | 96.2% | 96.8% | 97.5% |

Licensee Comments:

4Q/00:

ERO Drill Participation



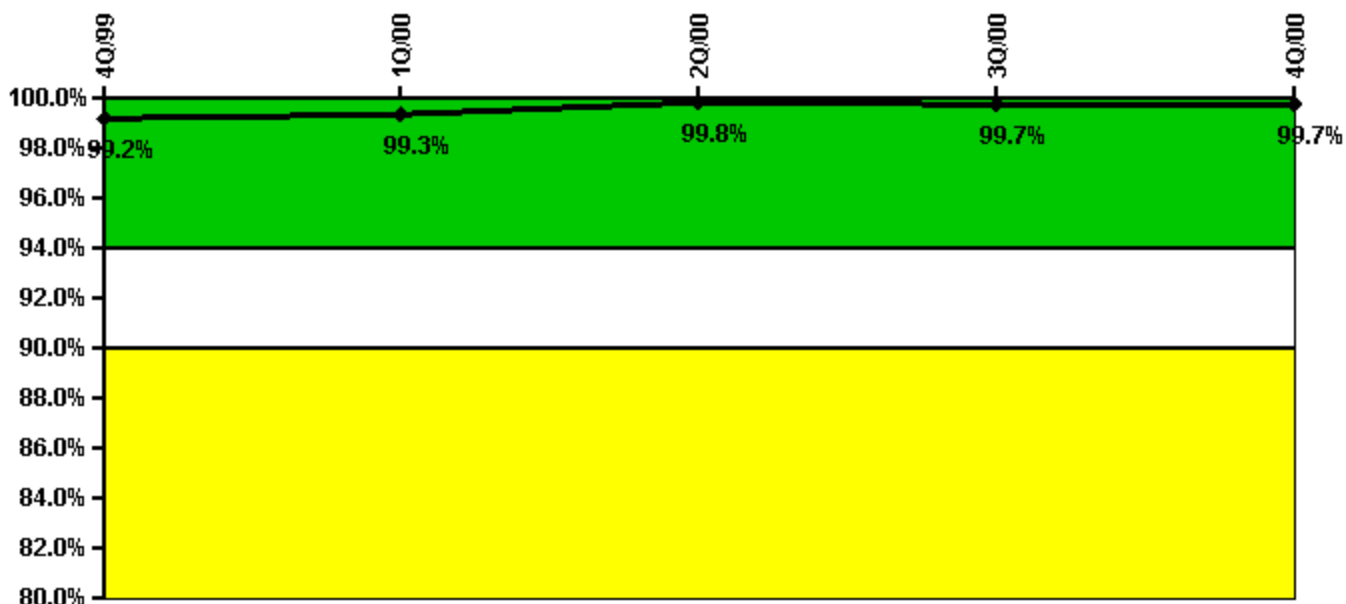
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|-----------------------------|--------------|--------------|---------------|--------------|--------------|
| Participating Key personnel | 70.0 | 72.0 | 75.0 | 75.0 | 74.0 |
| Total Key personnel | 75.0 | 77.0 | 75.0 | 76.0 | 78.0 |
| | | | | | |
| Indicator value | 93.3% | 93.5% | 100.0% | 98.7% | 94.9% |

Licensee Comments: none

Alert & Notification System



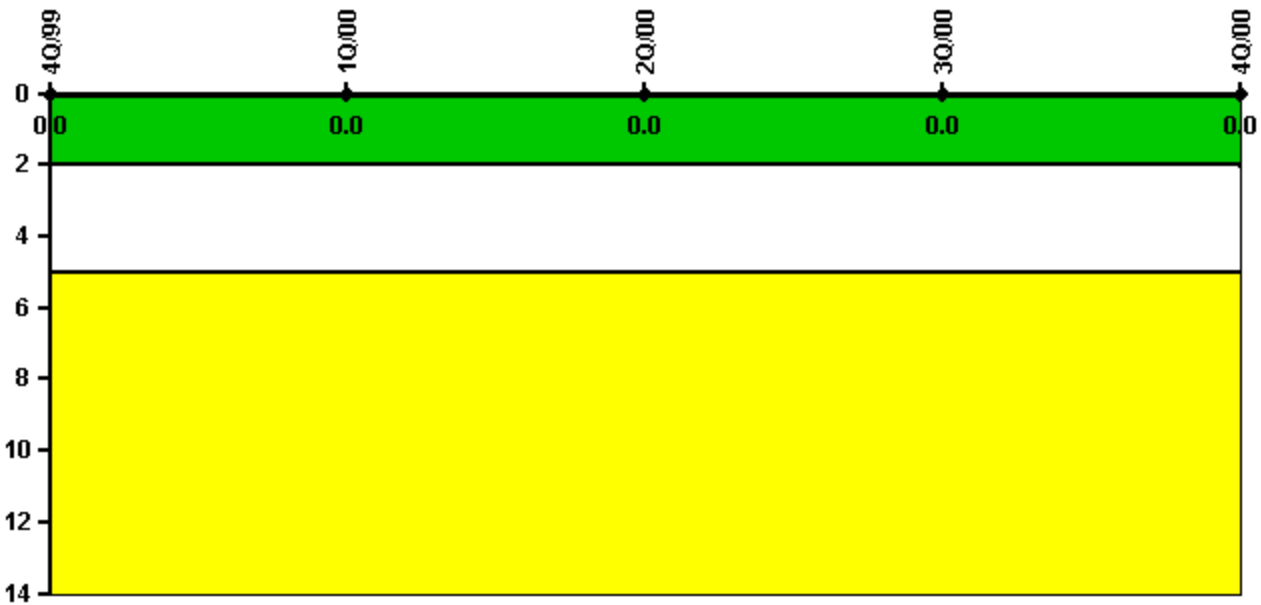
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 496 | 497 | 495 | 495 | 496 |
| Total sirens-tests | 497 | 497 | 497 | 497 | 497 |
| | | | | | |
| Indicator value | 99.2% | 99.3% | 99.8% | 99.7% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



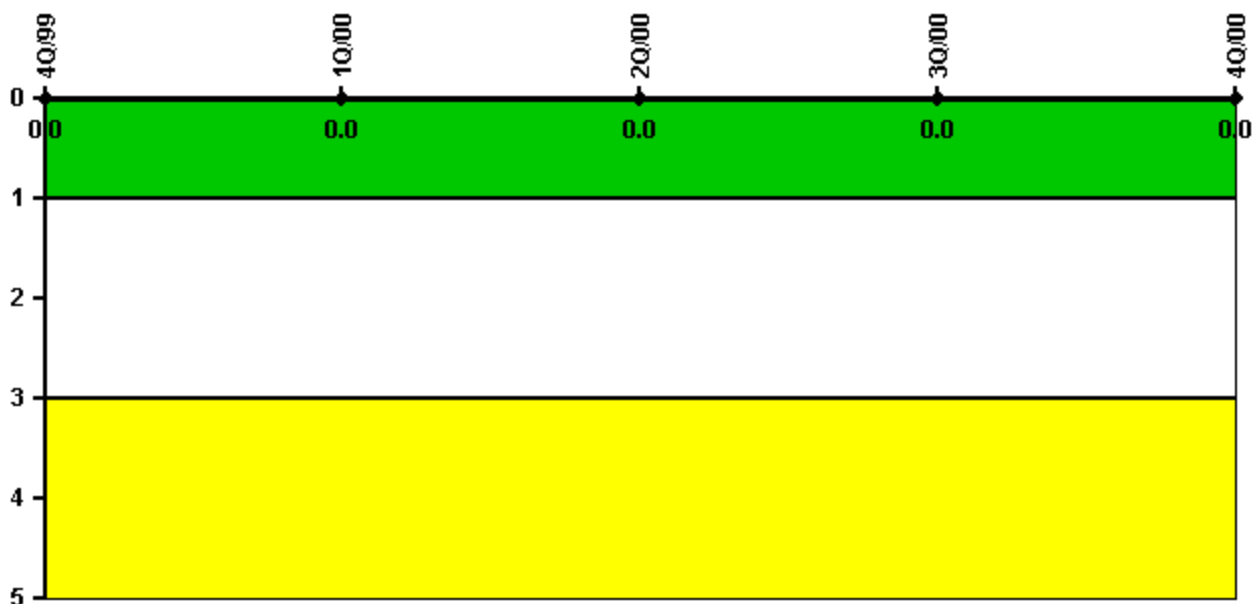
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 |
| Very high radiation area occurrences | 0 | 0 | 0 | 0 | 0 |
| Unintended exposure occurrences | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



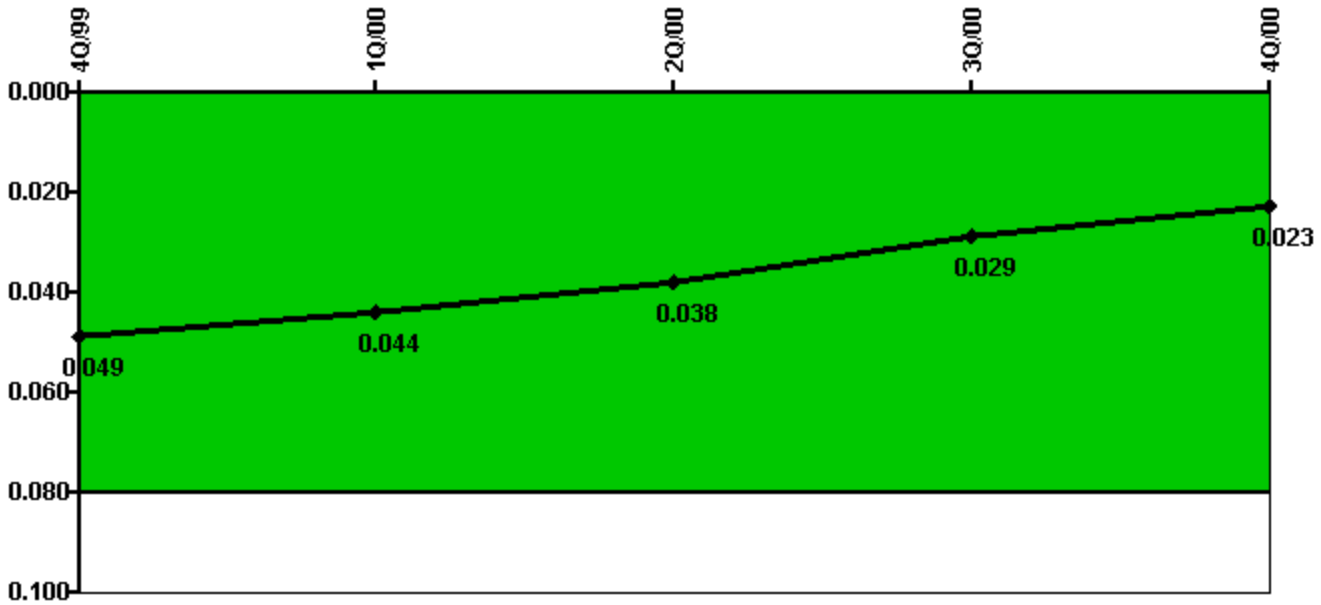
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---------------------------------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



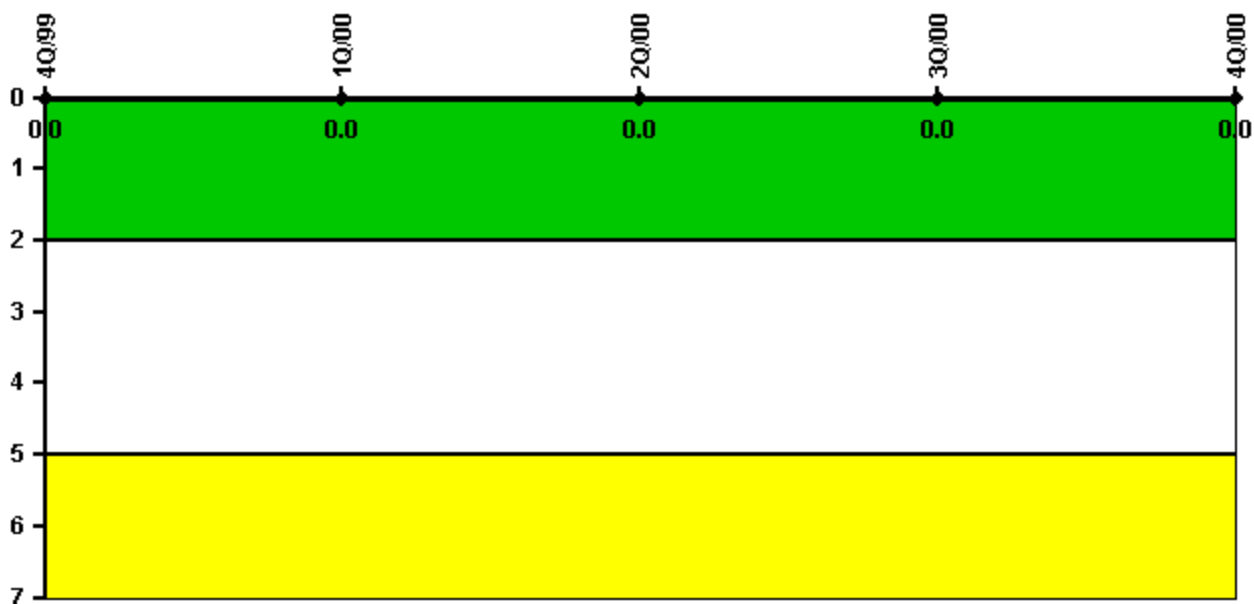
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 686.40 | 439.80 | 683.90 | 142.40 | 279.40 |
| CCTV compensatory hours | 0 | 0 | 0 | 0 | 0 |
| IDS normalization factor | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 |
| CCTV normalization factor | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| | | | | | |
| Index Value | 0.049 | 0.044 | 0.038 | 0.029 | 0.023 |

Licensee Comments: none

Personnel Screening Program



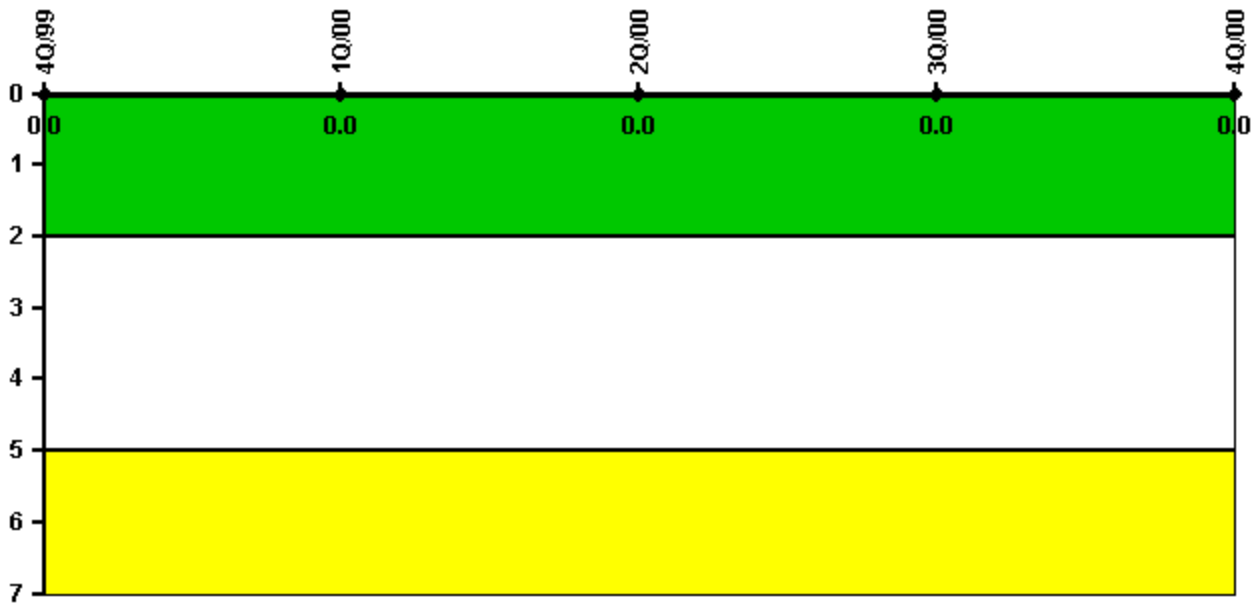
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 28, 2002