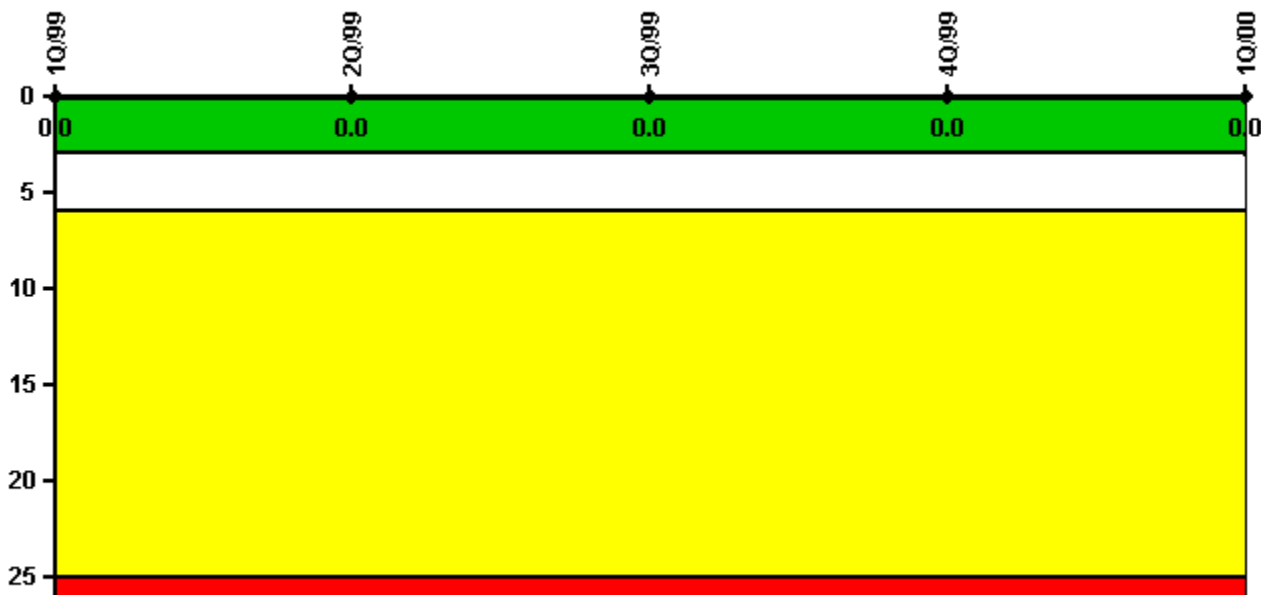


Cooper

1Q/2000 Performance Indicators

Licensee's General Comments: RFO 19 in March, 2000

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|--|----------|----------|----------|----------|----------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2160.0 | 2183.0 | 2043.7 | 2209.0 | 1369.4 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



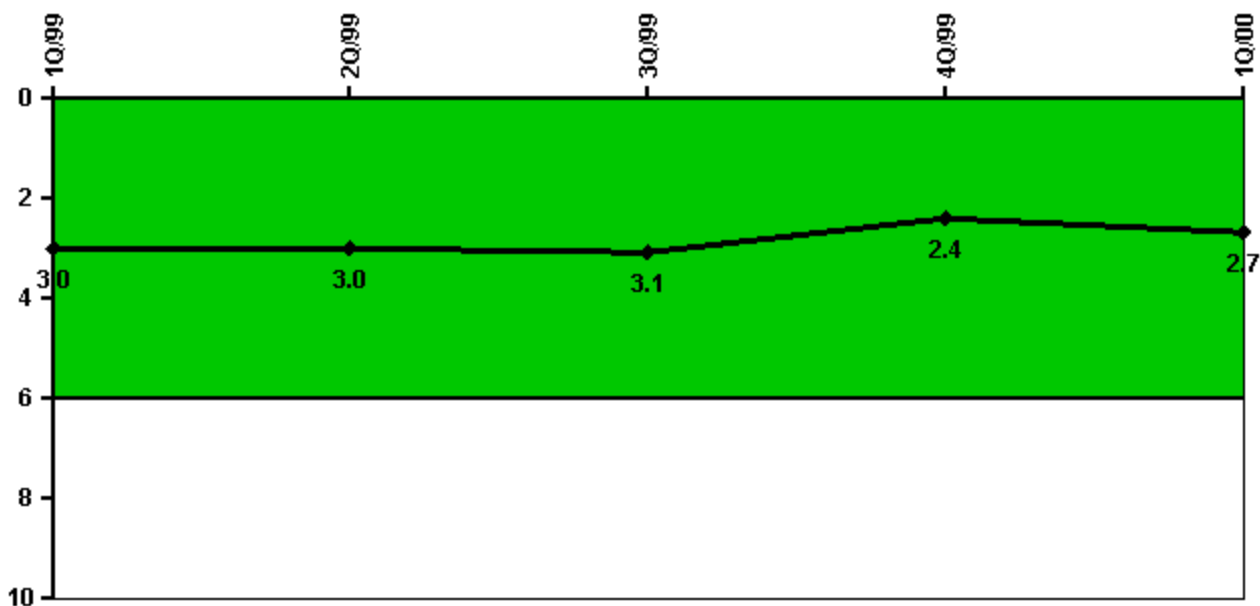
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



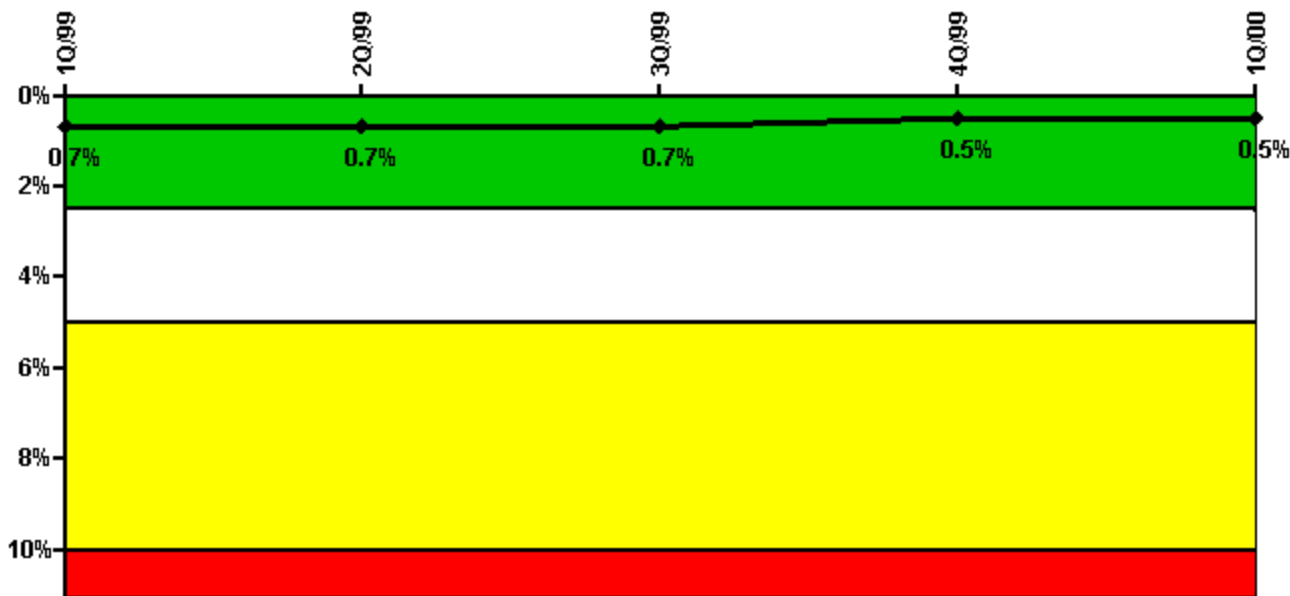
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|------------|------------|------------|------------|------------|
| Unplanned power changes | 1.0 | 1.0 | 1.0 | 0 | 1.0 |
| Critical hours | 2160.0 | 2183.0 | 2043.7 | 2209.0 | 1369.4 |
| | | | | | |
| Indicator value | 3.0 | 3.0 | 3.1 | 2.4 | 2.7 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

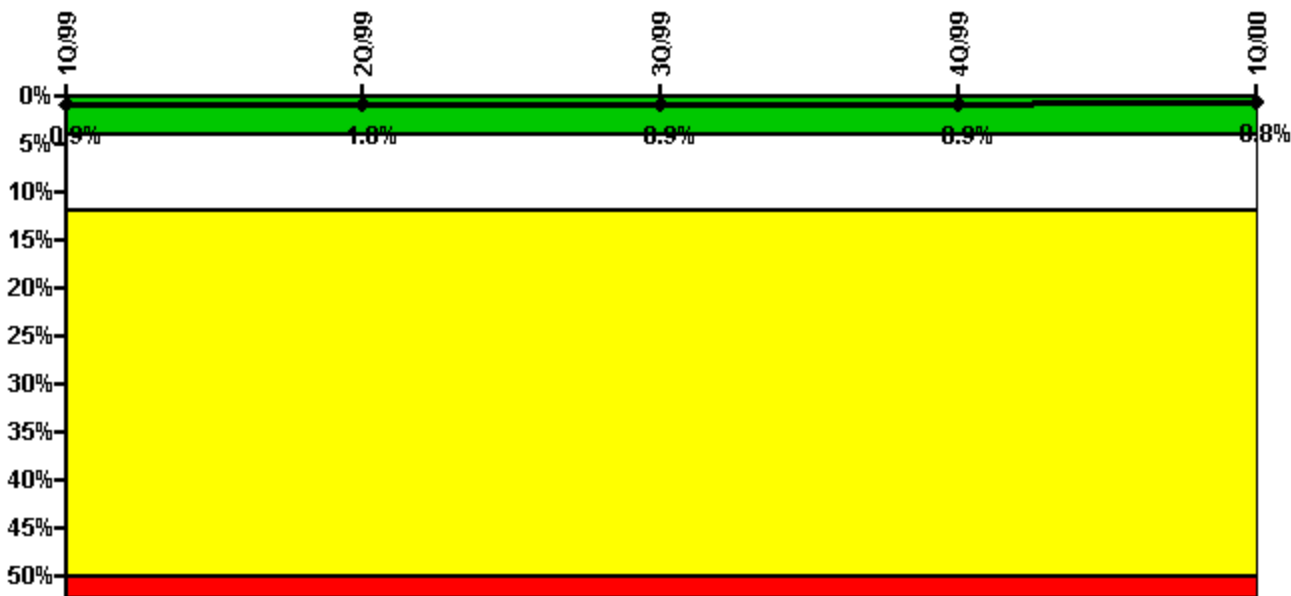
Notes

| Safety System Unavailability, Emergency AC Power | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|--|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 0 | 11.40 | 0 | 0 | 0 |
| 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 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 0 | 12.60 | 0 | 12.75 | 0 |
| Unplanned unavailable hours | 3.20 | 0 | 0 | 11.43 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 |
| Indicator value | 0.7% | 0.7% | 0.7% | 0.5% | 0.5% |

Licensee Comments:

2Q/98: 1/2000 - Corrected error in April 1998 hours... was 709, should have been 719. No impact on color.

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) | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 0 | 18.21 | 0 | 0.30 | 0.13 |
| Unplanned unavailable hours | 0 | 0 | 2.33 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2040.42 | 2209.00 | 1370.57 |
| | | | | | |
| Indicator value | 0.9% | 1.0% | 0.9% | 0.9% | 0.8% |

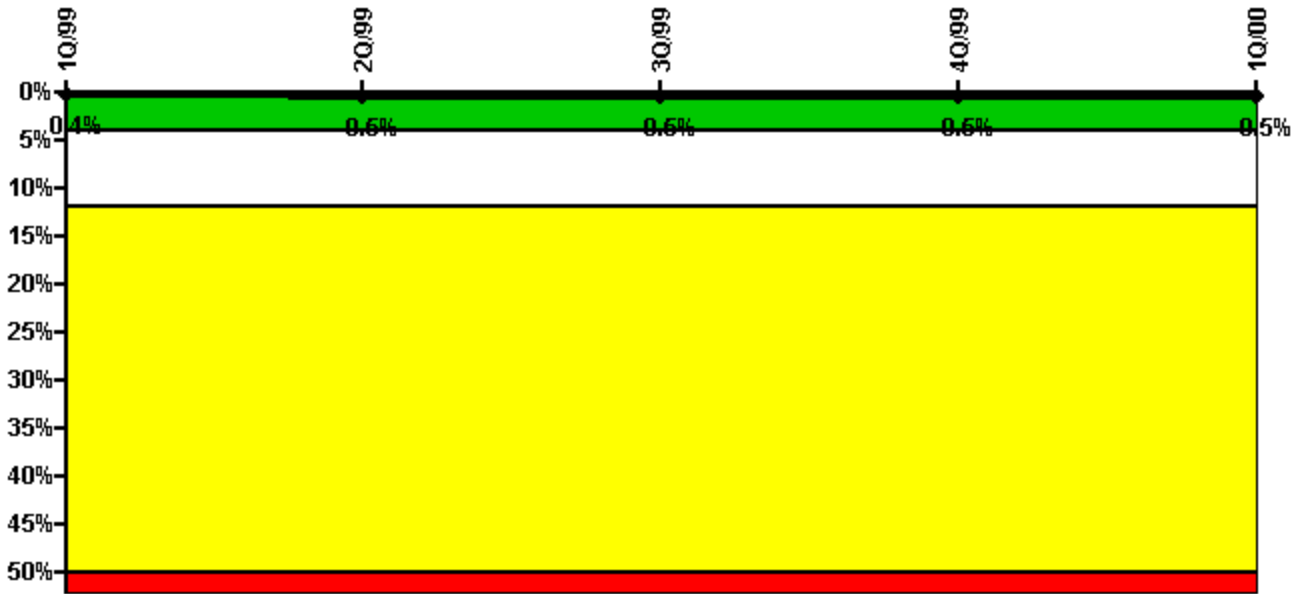
Licensee Comments:

3Q/99: September Hours Required was erroneously listed as 522.417, corrected to 552.417 - 3/8/00

3Q/98: Discovered that 8 hours of unavailability that should have been credited to June, 1998 were placed in July, 1998. No impact on past PI's. JWD

2Q/98: Discovered that 8 hours of unavailability that should have been credited to June, 1998 were placed in July, 1998. No impact on past PI's. JWD

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) | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|--|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 12.20 | 4.92 | 17.85 | 2.62 | 0.85 |
| Unplanned unavailable hours | 0 | 9.50 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2040.42 | 2209.00 | 1370.57 |
| | | | | | |
| Indicator value | 0.4% | 0.5% | 0.5% | 0.5% | 0.5% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



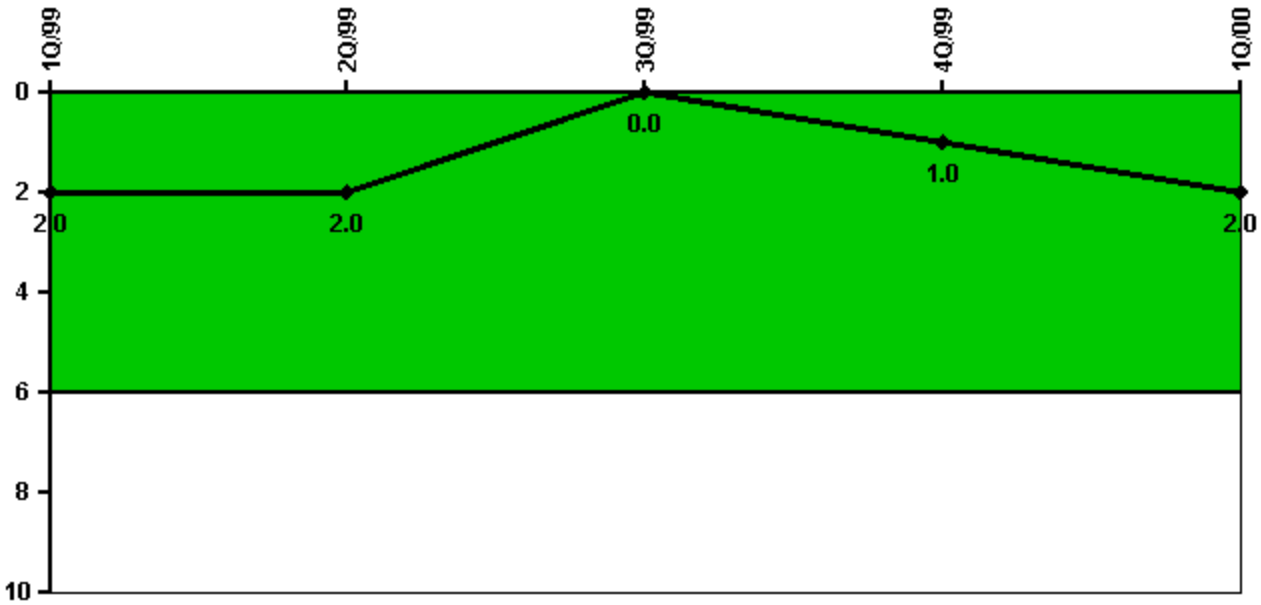
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|--|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0.27 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 23.35 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 1664.85 |
| Train 2 | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| 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 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 1664.85 |
| | | | | | |
| Indicator value | 0.7% | 0.7% | 0.7% | 0.7% | 0.5% |

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

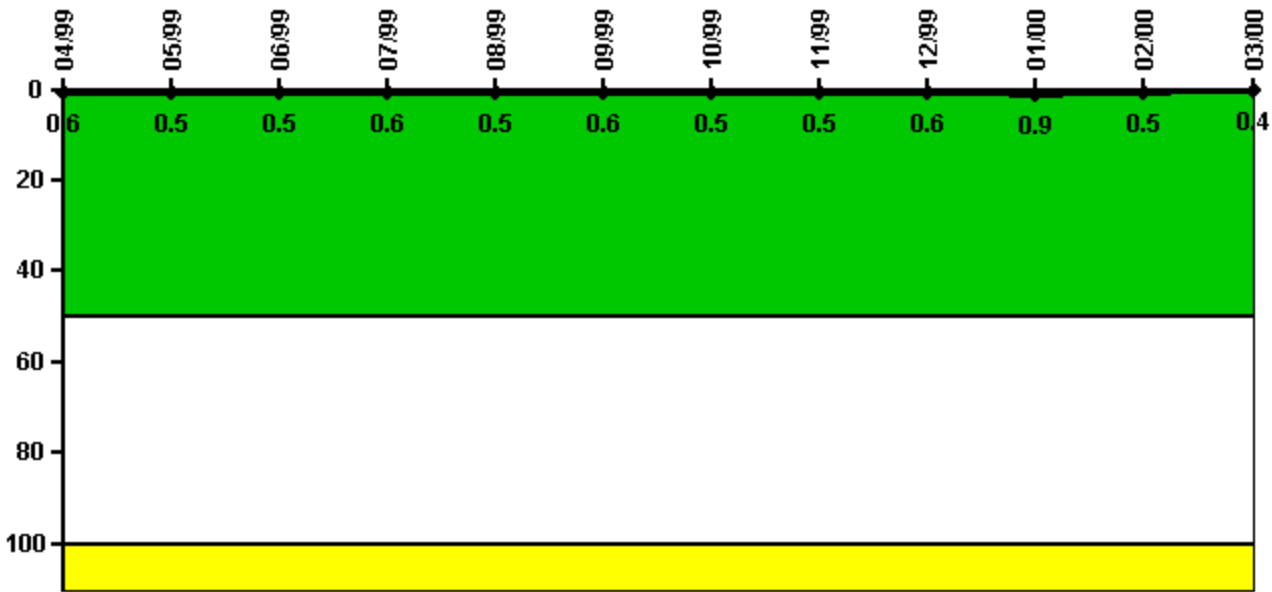
Notes

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

Licensee Comments:

1Q/00: 2/00 - Appendix R/Diesel Fire Pump

Reactor Coolant System Activity



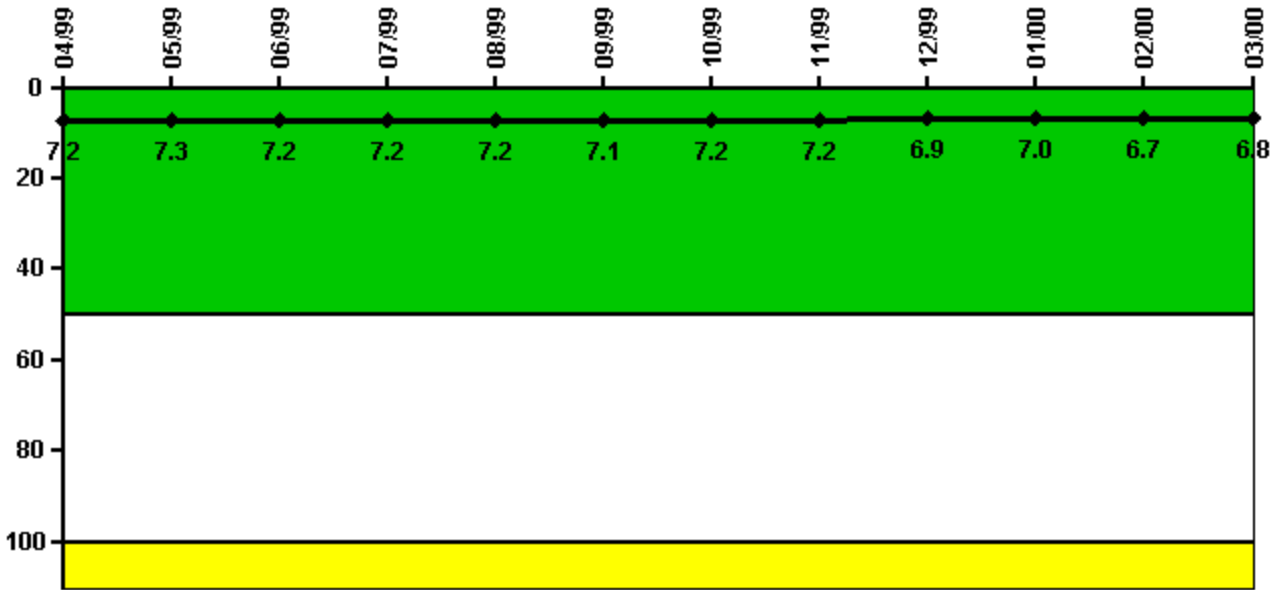
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 4/99 | 5/99 | 6/99 | 7/99 | 8/99 | 9/99 | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.001210 | 0.000983 | 0.001018 | 0.001280 | 0.001070 | 0.001200 | 0.001070 | 0.001060 | 0.001140 | 0.001710 | 0.001060 | 0.000774 |
| 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 | 0.6 | 0.5 | 0.5 | 0.6 | 0.5 | 0.6 | 0.5 | 0.5 | 0.6 | 0.9 | 0.5 | 0.4 |

Licensee Comments: none

Reactor Coolant System Leakage



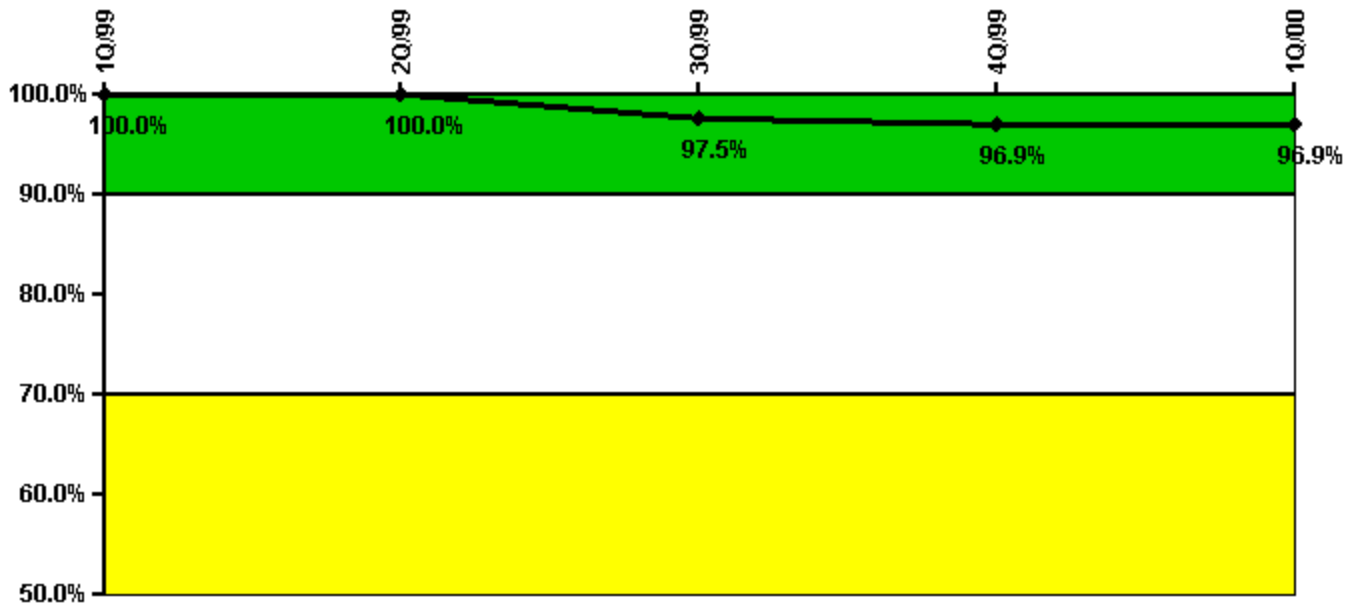
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 4/99 | 5/99 | 6/99 | 7/99 | 8/99 | 9/99 | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.170 | 2.177 | 2.170 | 2.162 | 2.162 | 2.140 | 2.145 | 2.145 | 2.058 | 2.097 | 2.023 | 2.037 |
| 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 | 7.3 | 7.2 | 7.2 | 7.2 | 7.1 | 7.2 | 7.2 | 6.9 | 7.0 | 6.7 | 6.8 |

Licensee Comments: none

Drill/Exercise Performance



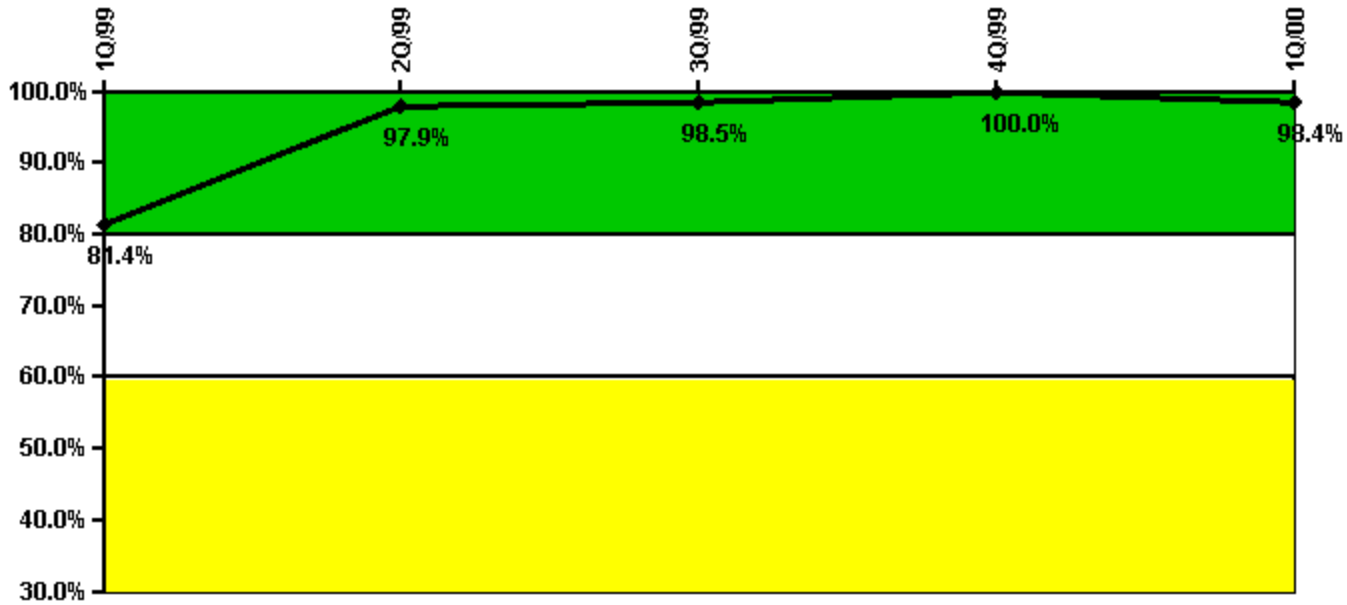
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|----------------------------|---------------|---------------|--------------|--------------|--------------|
| Successful opportunities | 45.0 | 21.0 | 80.0 | 60.0 | 3.0 |
| Total opportunities | 45.0 | 21.0 | 84.0 | 63.0 | 3.0 |
| | | | | | |
| Indicator value | 100.0% | 100.0% | 97.5% | 96.9% | 96.9% |

Licensee Comments: none

ERO Drill Participation



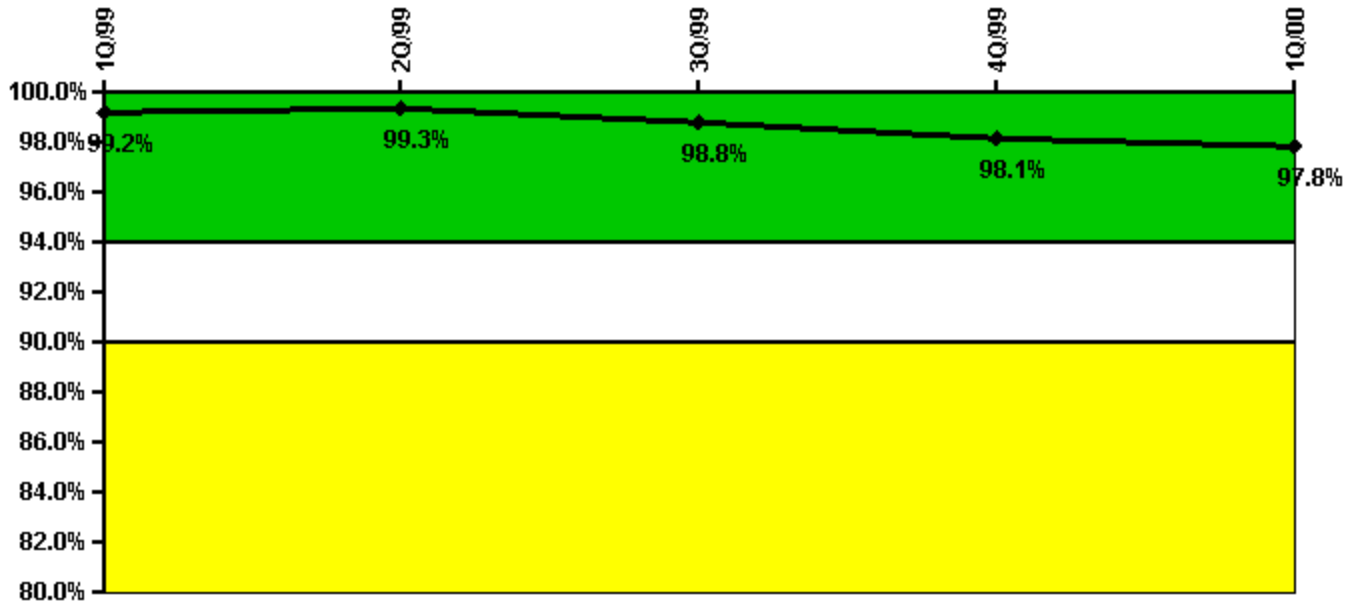
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|-----------------------------|-------|-------|-------|--------|-------|
| Participating Key personnel | 127.0 | 137.0 | 128.0 | 125.0 | 125.0 |
| Total Key personnel | 156.0 | 140.0 | 130.0 | 125.0 | 127.0 |
| | | | | | |
| Indicator value | 81.4% | 97.9% | 98.5% | 100.0% | 98.4% |

Licensee Comments: none

Alert & Notification System



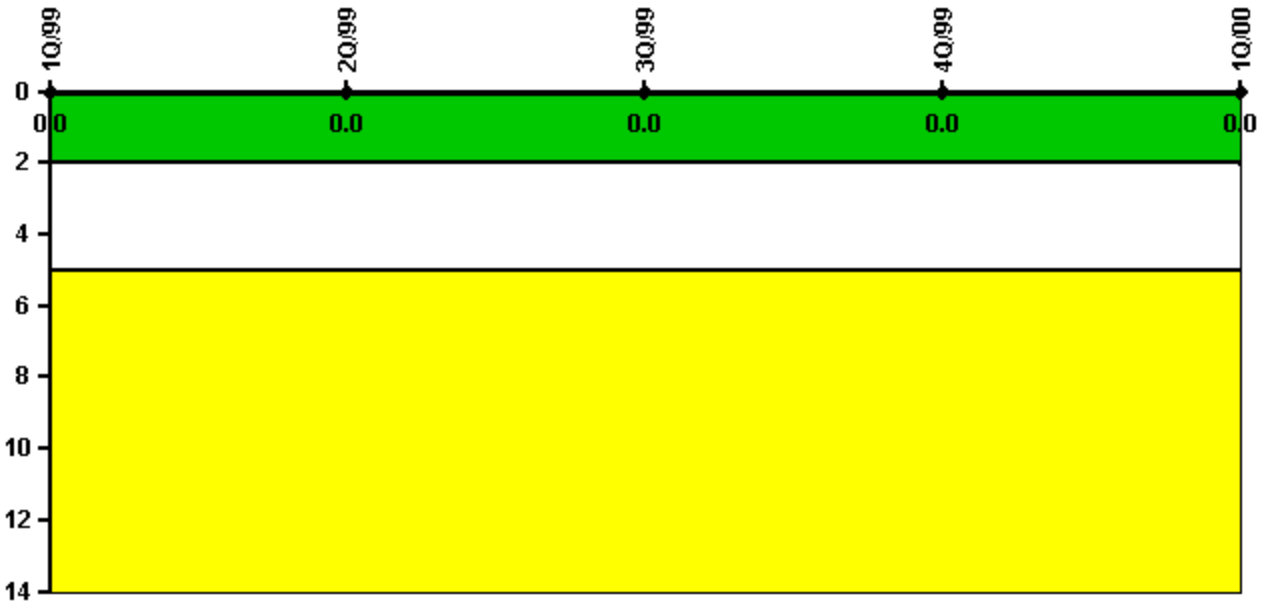
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests | 144 | 143 | 164 | 161 | 142 |
| Total sirens-tests | 144 | 144 | 168 | 168 | 144 |
| | | | | | |
| Indicator value | 99.2% | 99.3% | 98.8% | 98.1% | 97.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



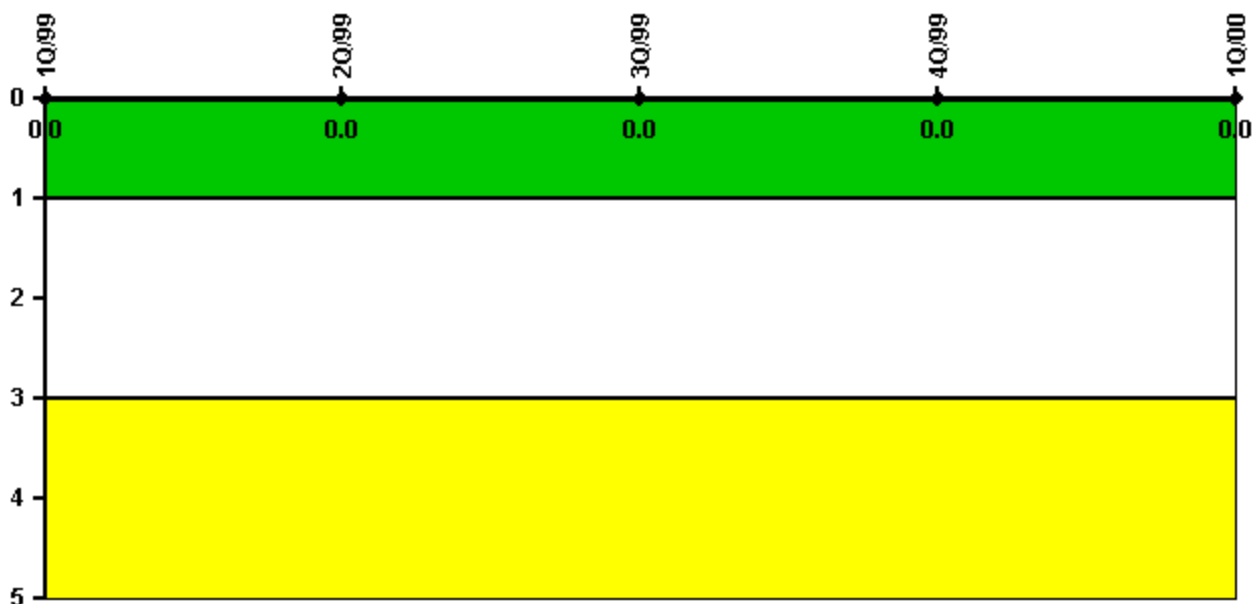
Thresholds: White > 2.0 Yellow > 5.0

Notes

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



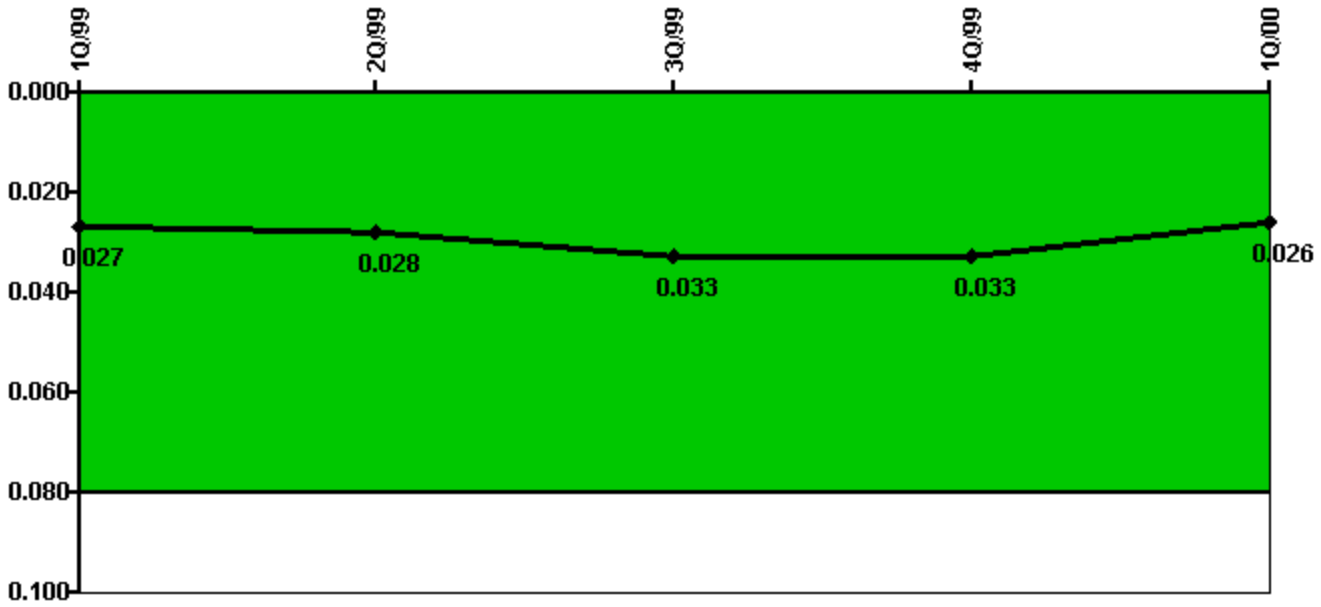
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



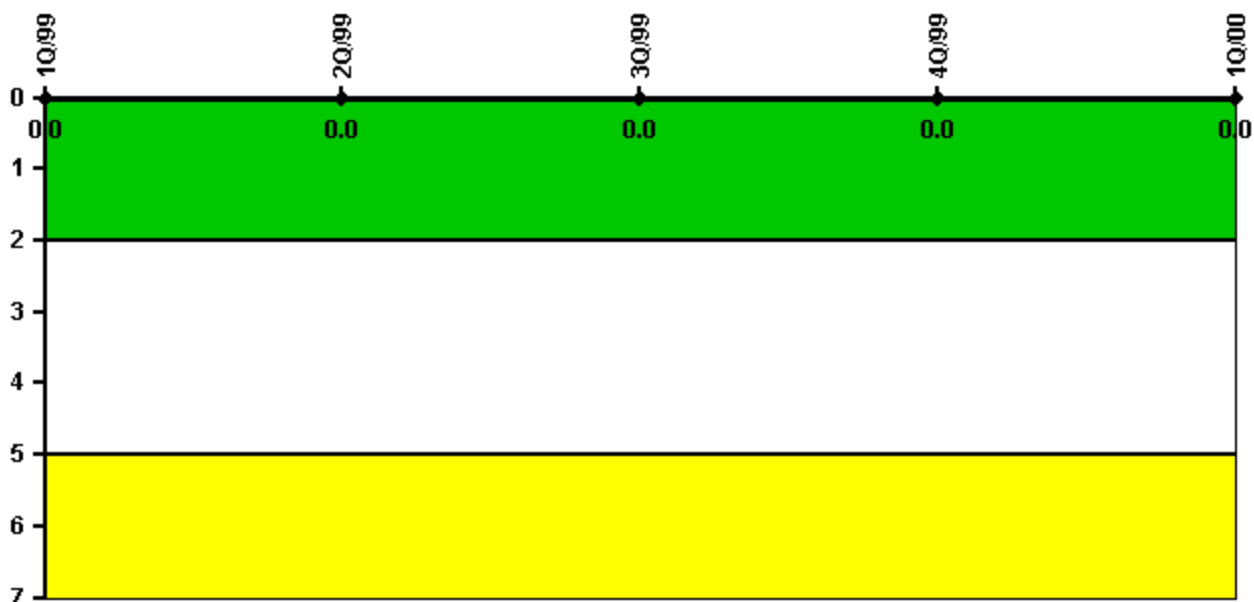
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 120.00 | 186.70 | 148.57 | 131.02 | 27.50 |
| CCTV compensatory hours | 63.0 | 1.3 | 50.4 | 30.7 | 4.1 |
| IDS normalization factor | 1.30 | 1.30 | 1.30 | 1.30 | 1.30 |
| CCTV normalization factor | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| | | | | | |
| Index Value | 0.027 | 0.028 | 0.033 | 0.033 | 0.026 |

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Last Modified: April 1, 2002