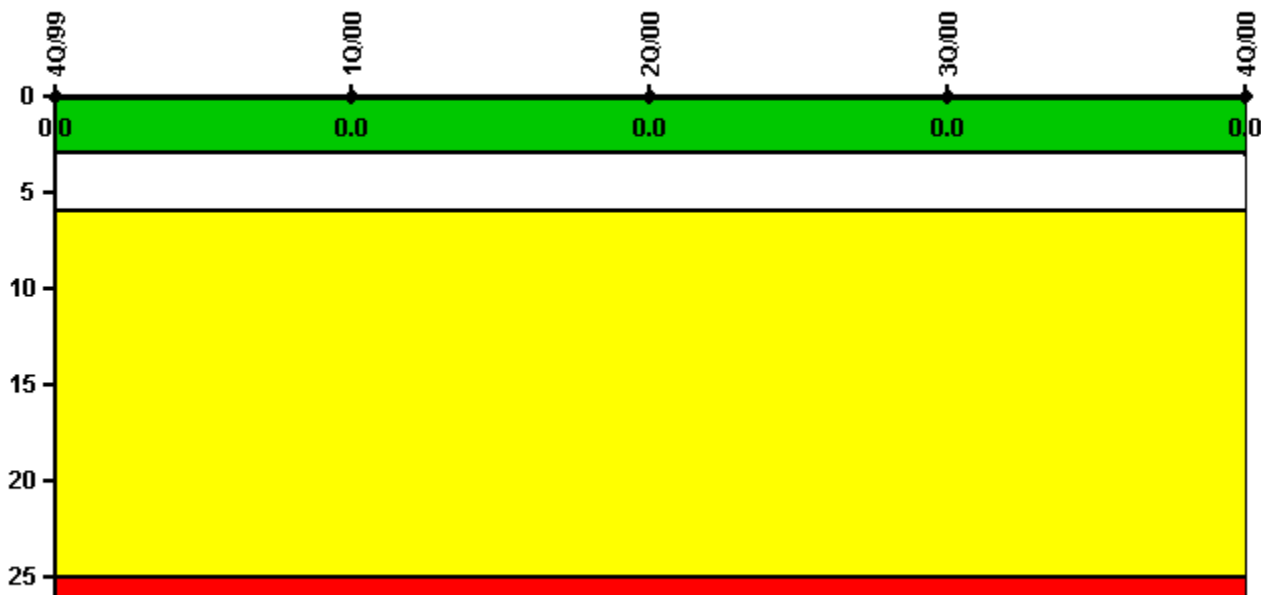


Comanche Peak 1

4Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



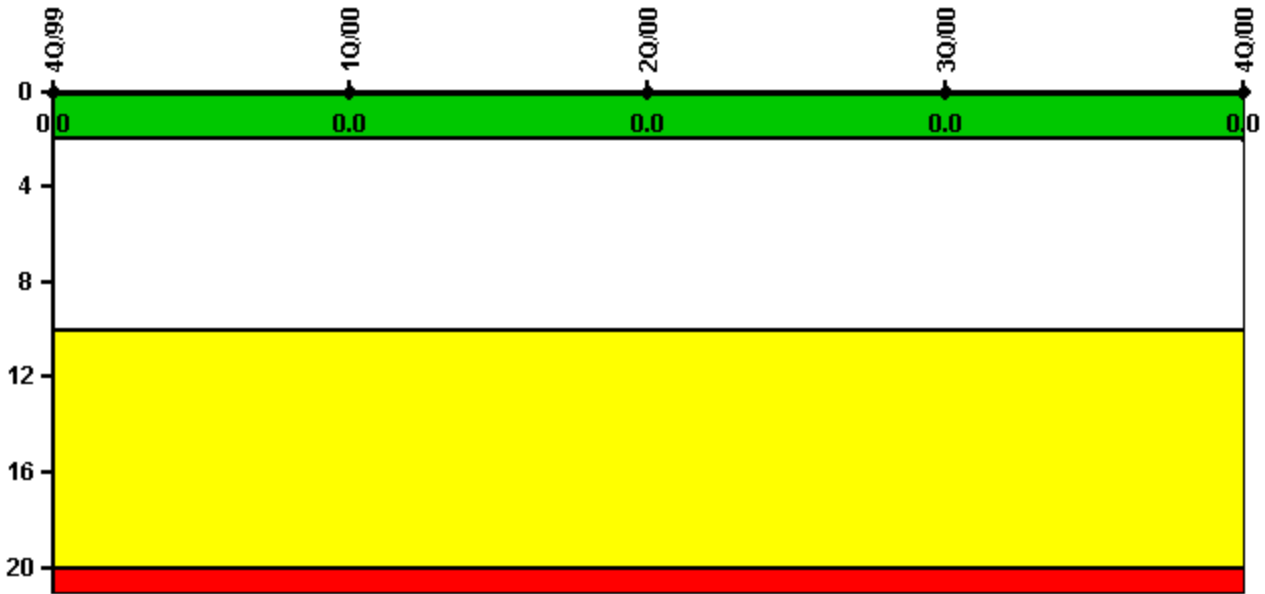
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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 | 1558.0 | 2184.0 | 2183.0 | 2208.0 | 2209.0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



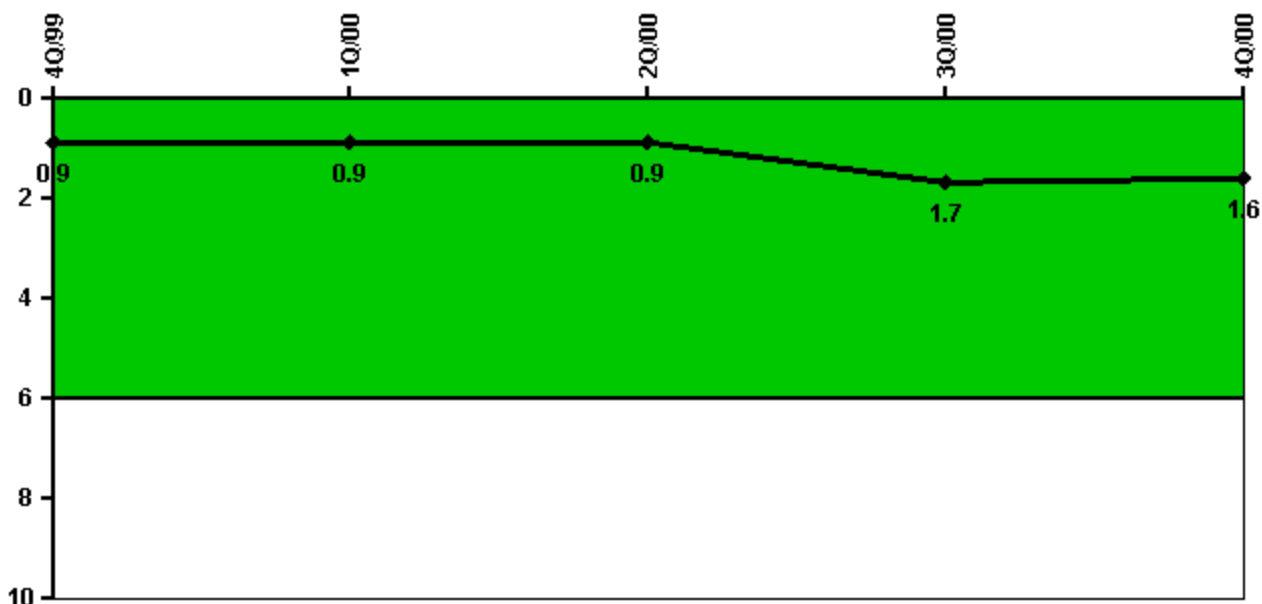
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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 | 0 | 0 | 0 | 2.0 | 0 |
| Critical hours | 1558.0 | 2184.0 | 2183.0 | 2208.0 | 2209.0 |
| | | | | | |
| Indicator value | 0.9 | 0.9 | 0.9 | 1.7 | 1.6 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

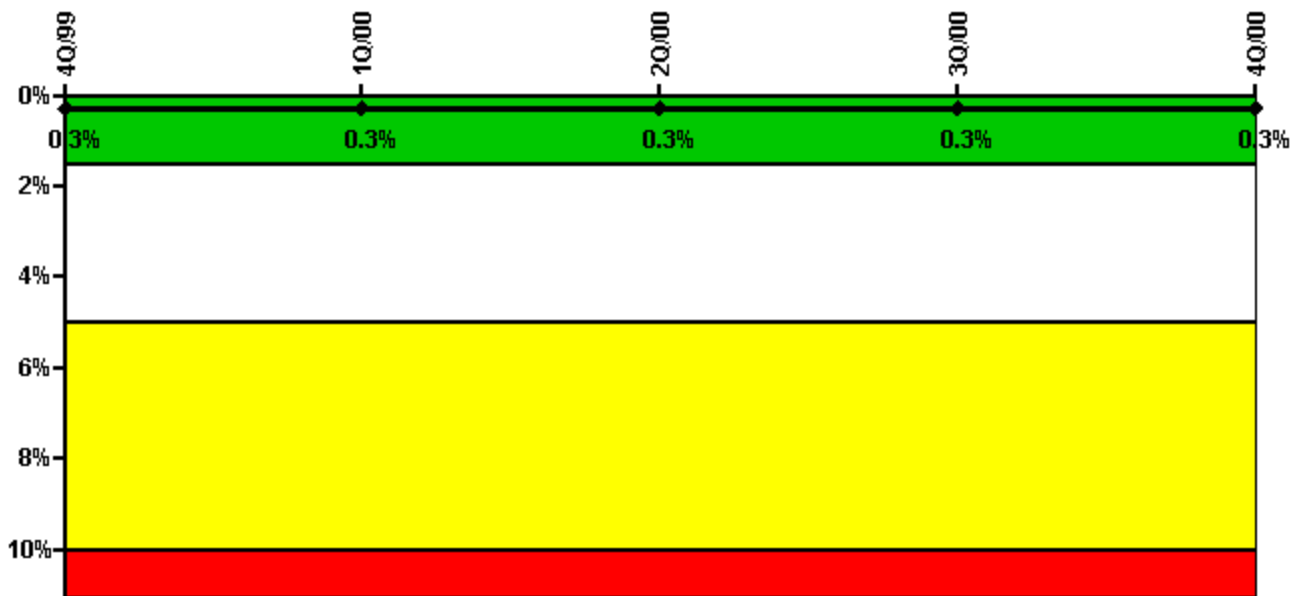
| Safety System Unavailability, Emergency AC Power | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|--|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 2.40 | 16.30 | 15.70 | 19.00 | 4.00 |
| Unplanned unavailable hours | 0 | 0 | 9.60 | 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 | 3.70 | 19.50 | 31.40 | 7.80 | 3.70 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0.70 | 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 | 0.8% | 0.8% | 0.9% | 0.8% | 0.8% |

Licensee Comments:

3Q/00: Minor changes to data were based on program review and had no impact to PI trend or color of indicator.

1Q/00: Minor changes to data were based on program review and had no impact to PI trend or color of indicator.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

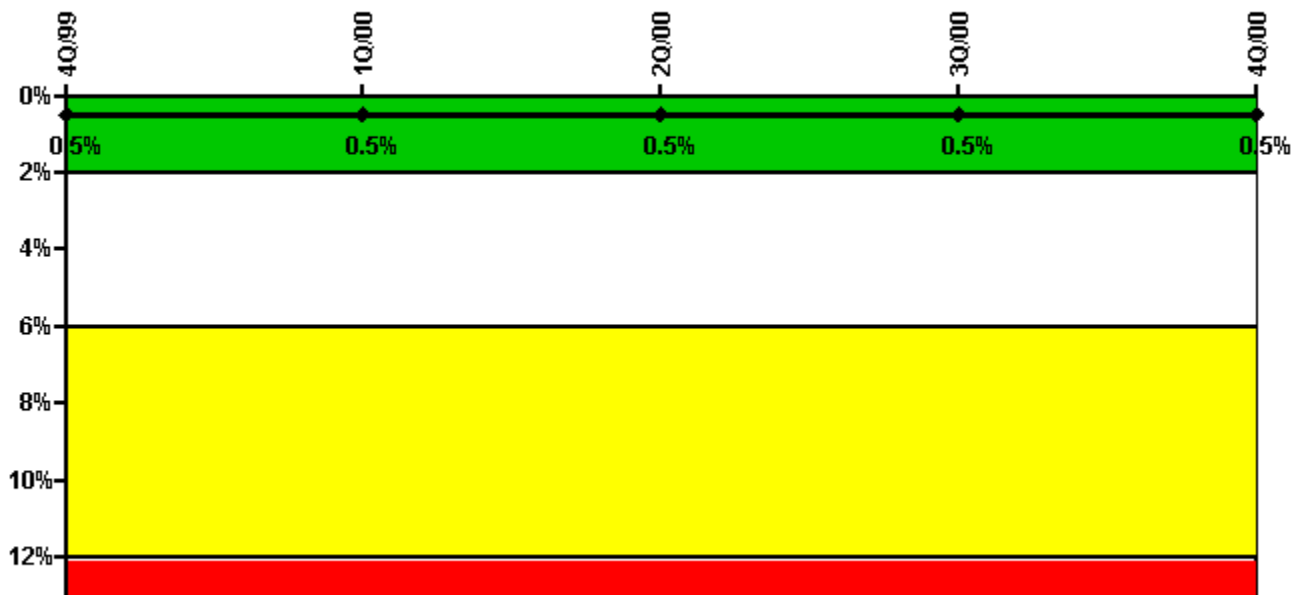
Notes

| Safety System Unavailability, High Pressure Injection System (HPSI) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 1.40 | 2.40 | 16.80 | 1.70 | 0.90 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0.50 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1558.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 3.60 | 7.00 | 1.60 | 12.80 | 1.10 |
| Unplanned unavailable hours | 0 | 0 | 0 | 2.60 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1558.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 10.00 | 0 | 2.20 | 0.20 | 0.20 |
| Unplanned unavailable hours | 0 | 0 | 0 | 5.60 | 1.30 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1558.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 4 | | | | | |
| Planned unavailable hours | 0 | 6.60 | 4.30 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 1.00 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1558.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 |
| | | | | | |
| Indicator value | 0.3% | 0.3% | 0.3% | 0.3% | 0.3% |

Licensee Comments:

3Q/98:

Safety System Unavailability, Heat Removal System (AFW)



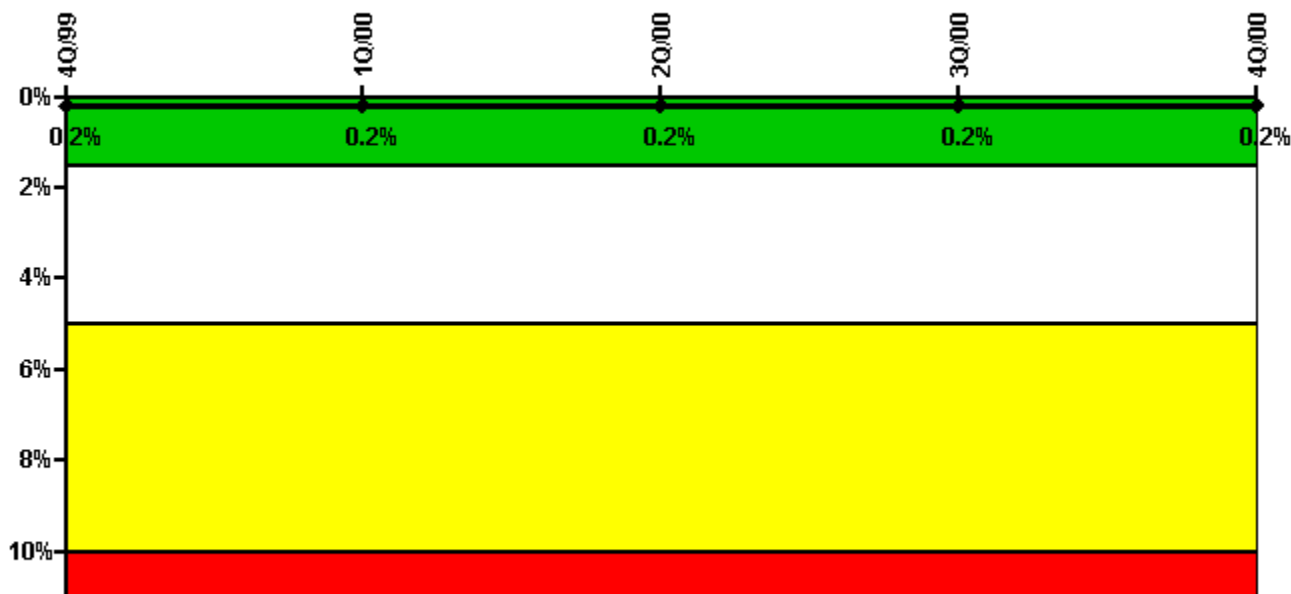
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

| Safety System Unavailability, Heat Removal System (AFW) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 17.40 | 38.50 | 12.60 | 8.60 | 5.60 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 14.90 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1558.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 0.20 | 9.10 | 13.20 | 1.20 | 1.70 |
| 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 | 1558.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 13.10 | 7.10 | 9.80 | 3.50 | 6.90 |
| 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 | 1558.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 |
| | | | | | |
| Indicator value | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



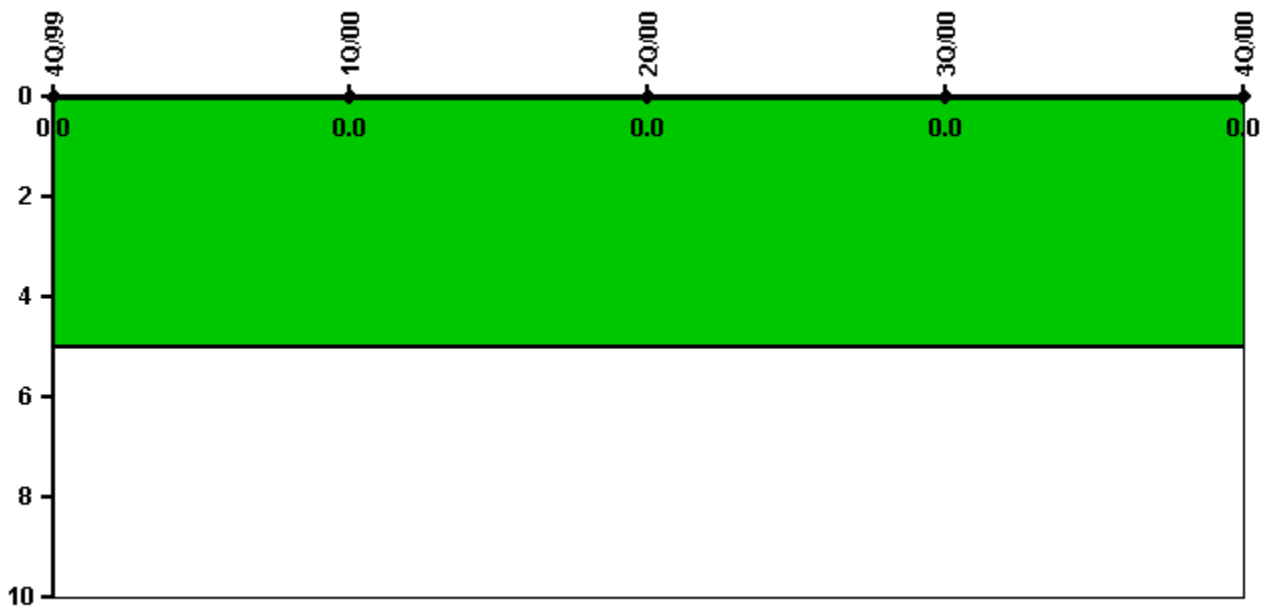
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|--|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 1.60 | 2.80 | 2.10 | 8.20 | 0.30 |
| 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 | 0.20 | 6.00 | 5.50 | 0.60 | 13.30 |
| 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 |
| | | | | | |
| Indicator value | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% |

Licensee Comments: none

Safety System Functional Failures (PWR)



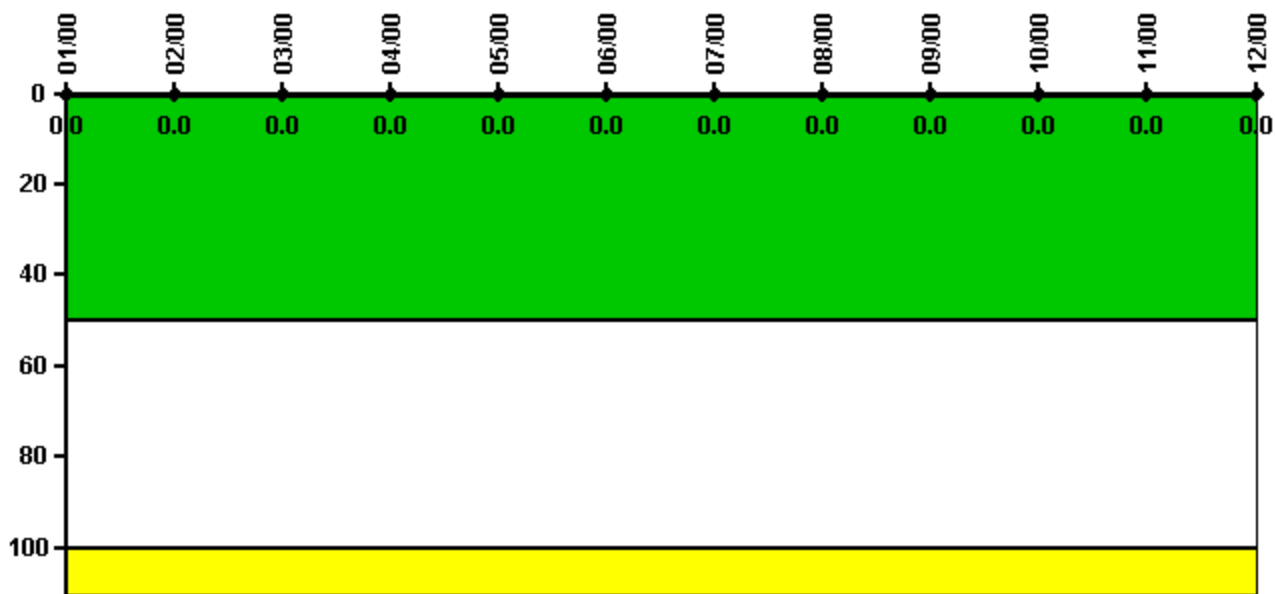
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



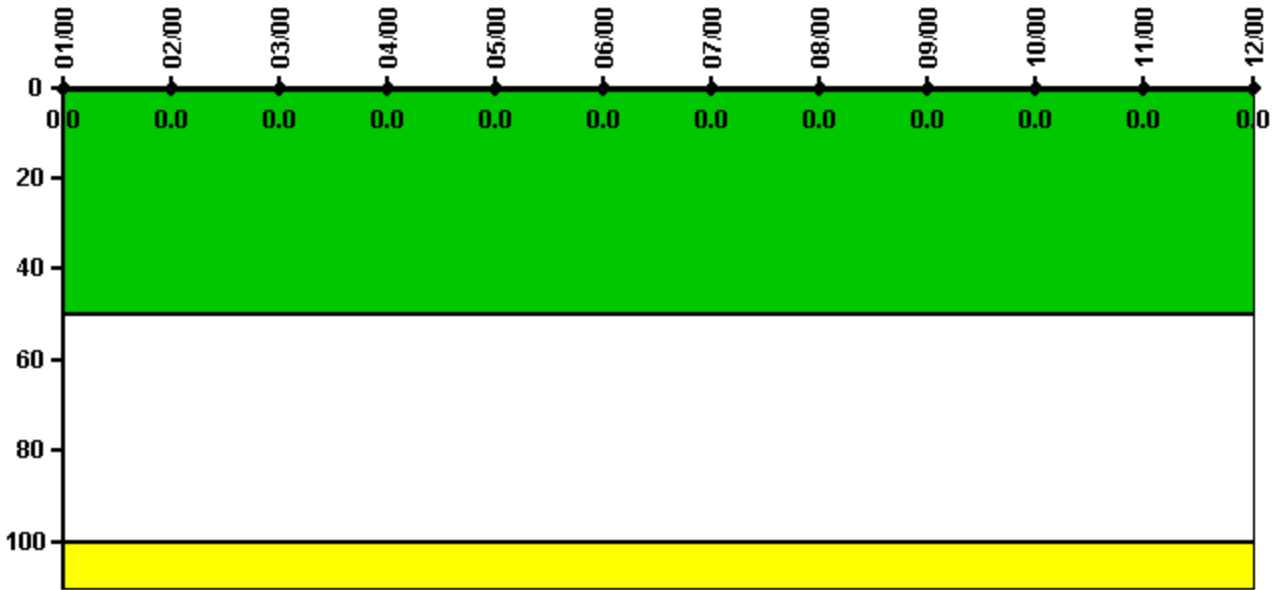
Thresholds: White > 50.0 Yellow > 100.0

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 | 0.000219 | 0.000225 | 0.000230 | 0.000278 | 0.000478 | 0.000258 | 0.000262 | 0.000287 | 0.000295 | 0.000312 | 0.000316 | 0.000328 |
| Technical specification limit | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



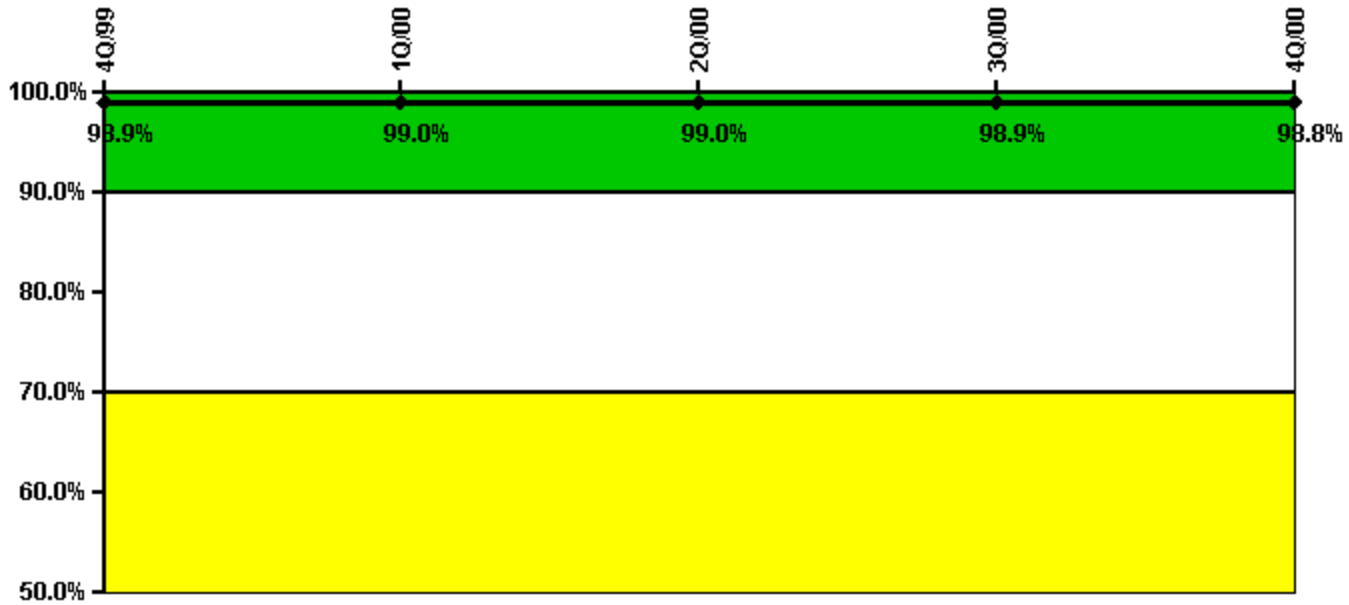
Thresholds: White > 50.0 Yellow > 100.0

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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Technical specification limit | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | | | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Drill/Exercise Performance



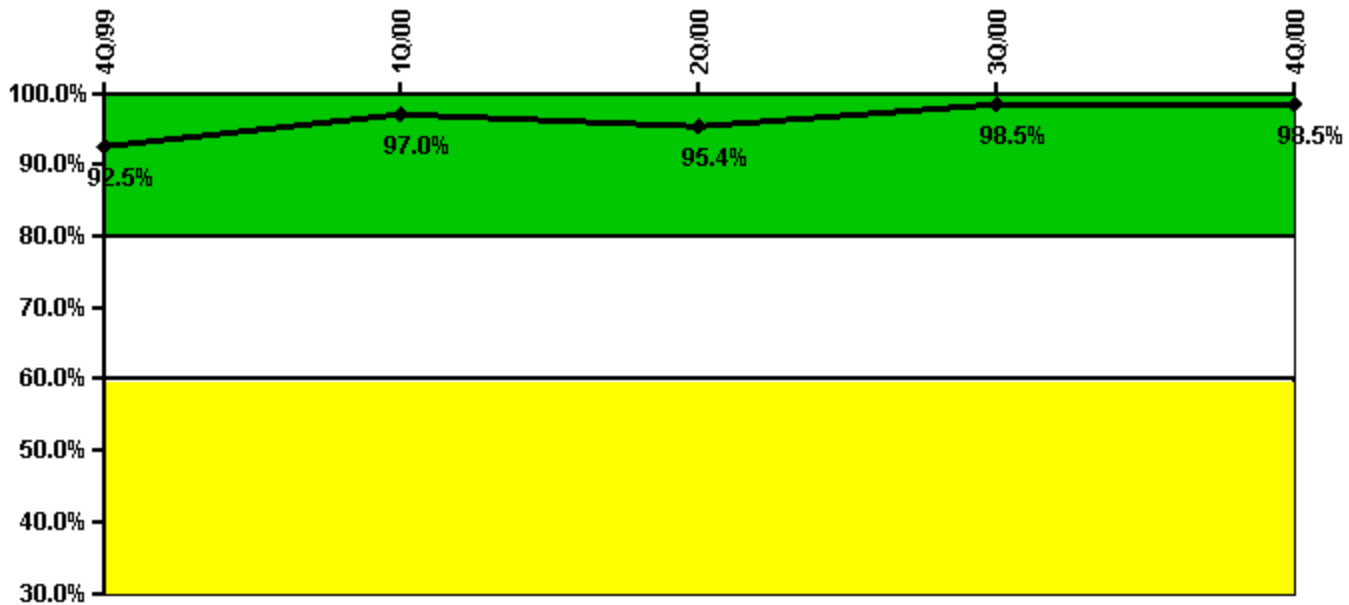
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 0 | 28.0 | 7.0 | 87.0 | 0 |
| Total opportunities | 0 | 28.0 | 8.0 | 88.0 | 0 |
| | | | | | |
| Indicator value | 98.9% | 99.0% | 99.0% | 98.9% | 98.8% |

Licensee Comments: none

ERO Drill Participation



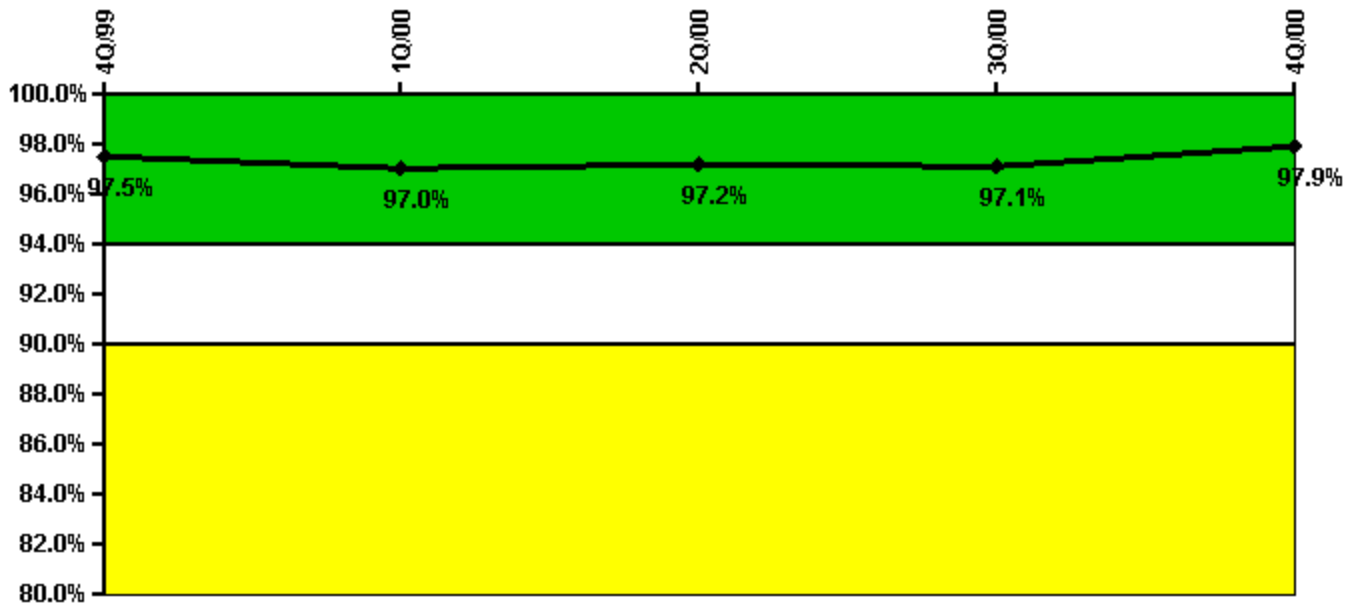
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Participating Key personnel | 62.0 | 65.0 | 62.0 | 65.0 | 65.0 |
| Total Key personnel | 67.0 | 67.0 | 65.0 | 66.0 | 66.0 |
| | | | | | |
| Indicator value | 92.5% | 97.0% | 95.4% | 98.5% | 98.5% |

Licensee Comments: none

Alert & Notification System



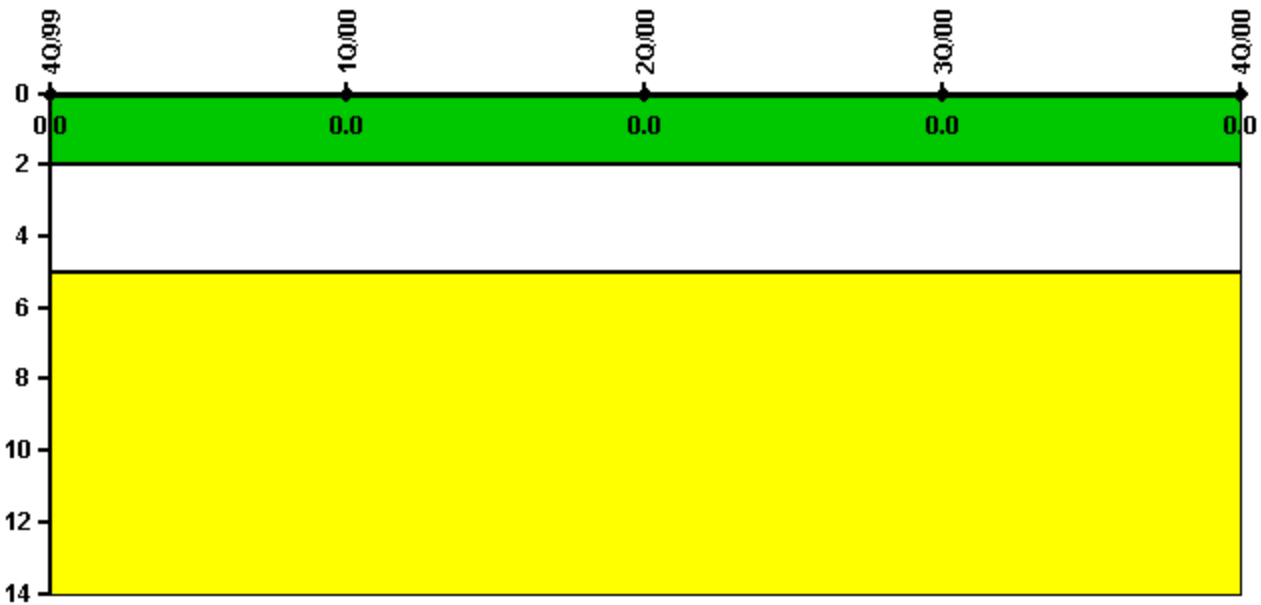
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests | 191 | 189 | 194 | 195 | 197 |
| Total sirens-tests | 198 | 198 | 198 | 198 | 198 |
| | | | | | |
| Indicator value | 97.5% | 97.0% | 97.2% | 97.1% | 97.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



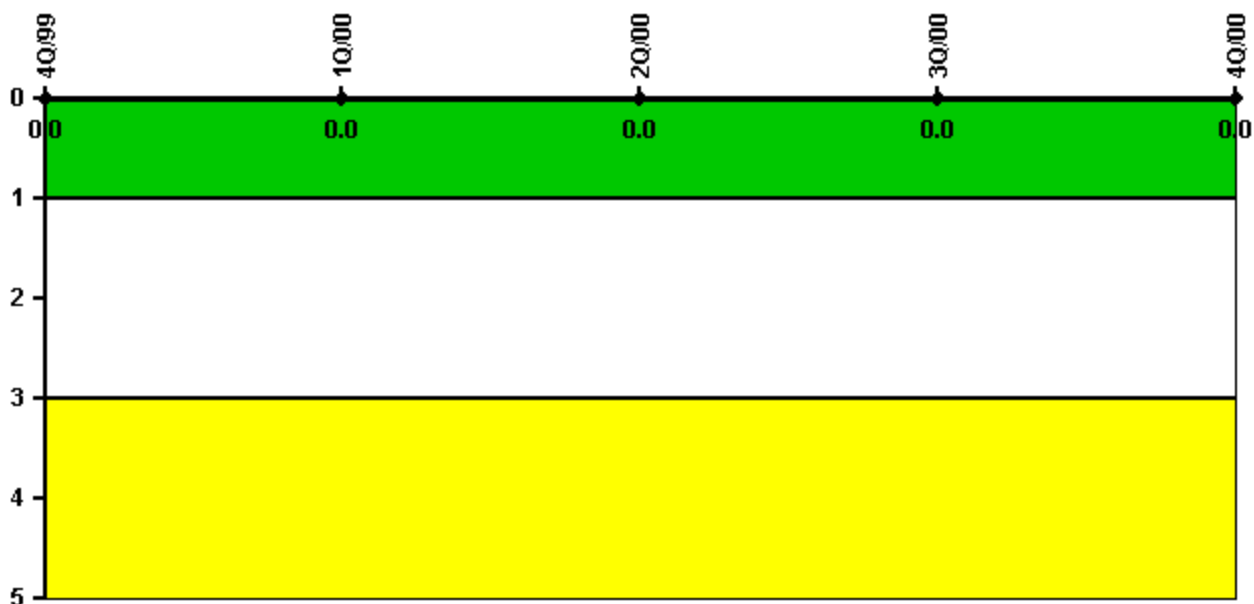
Thresholds: White > 2.0 Yellow > 5.0

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



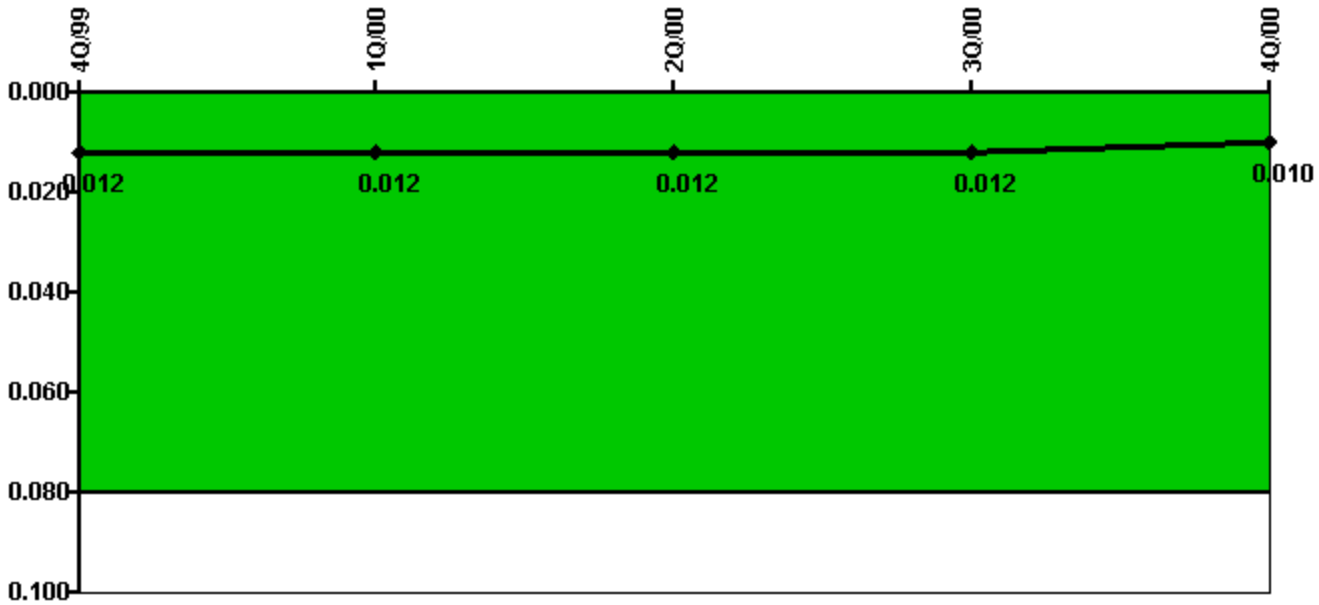
Thresholds: White > 1.0 Yellow > 3.0

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



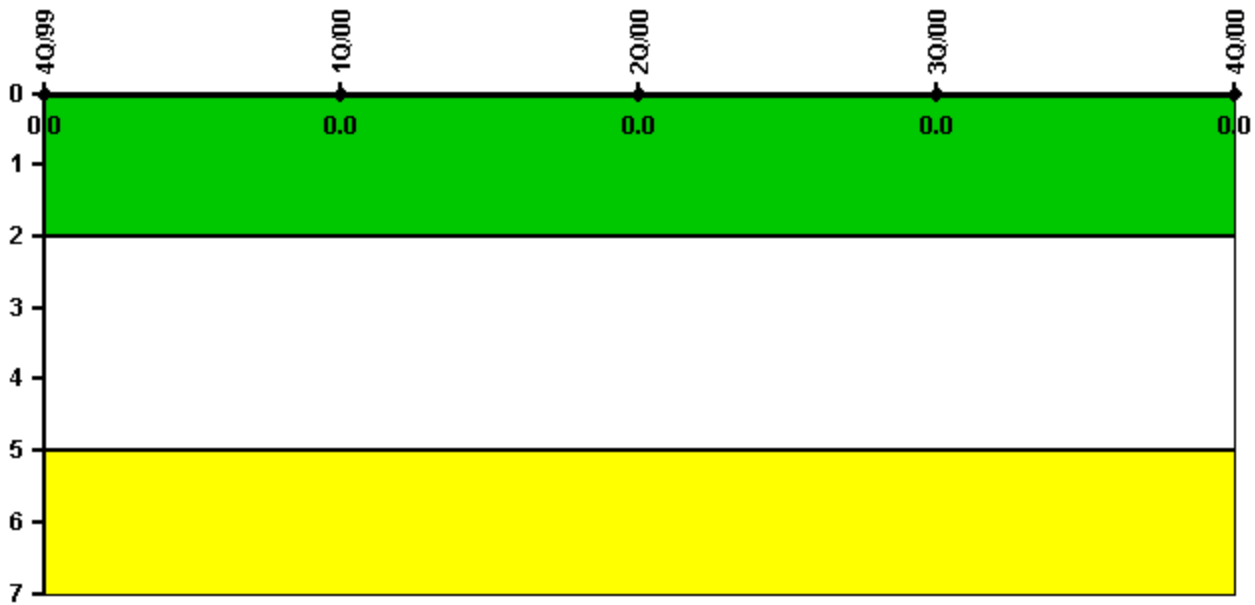
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 104.10 | 103.10 | 73.70 | 67.90 | 83.90 |
| CCTV compensatory hours | 56.1 | 8.3 | 8.3 | 11.0 | 5.8 |
| IDS normalization factor | 2.15 | 2.15 | 2.15 | 2.15 | 2.15 |
| CCTV normalization factor | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| | | | | | |
| Index Value | 0.012 | 0.012 | 0.012 | 0.012 | 0.010 |

Licensee Comments: none

Personnel Screening Program



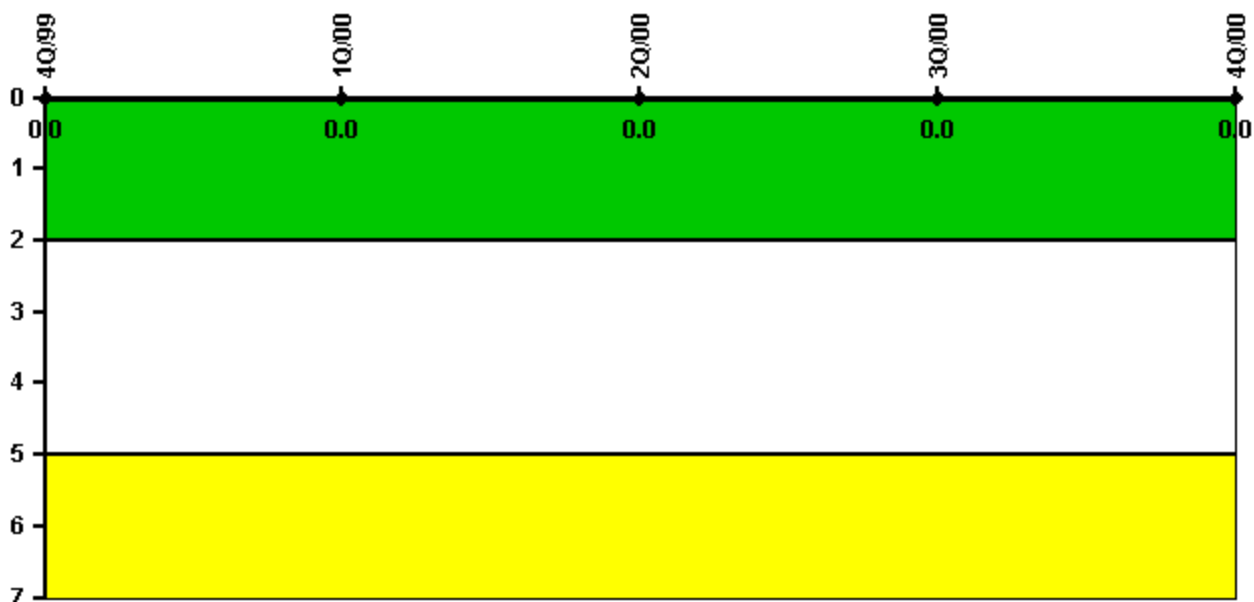
Thresholds: White > 2.0 Yellow > 5.0

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