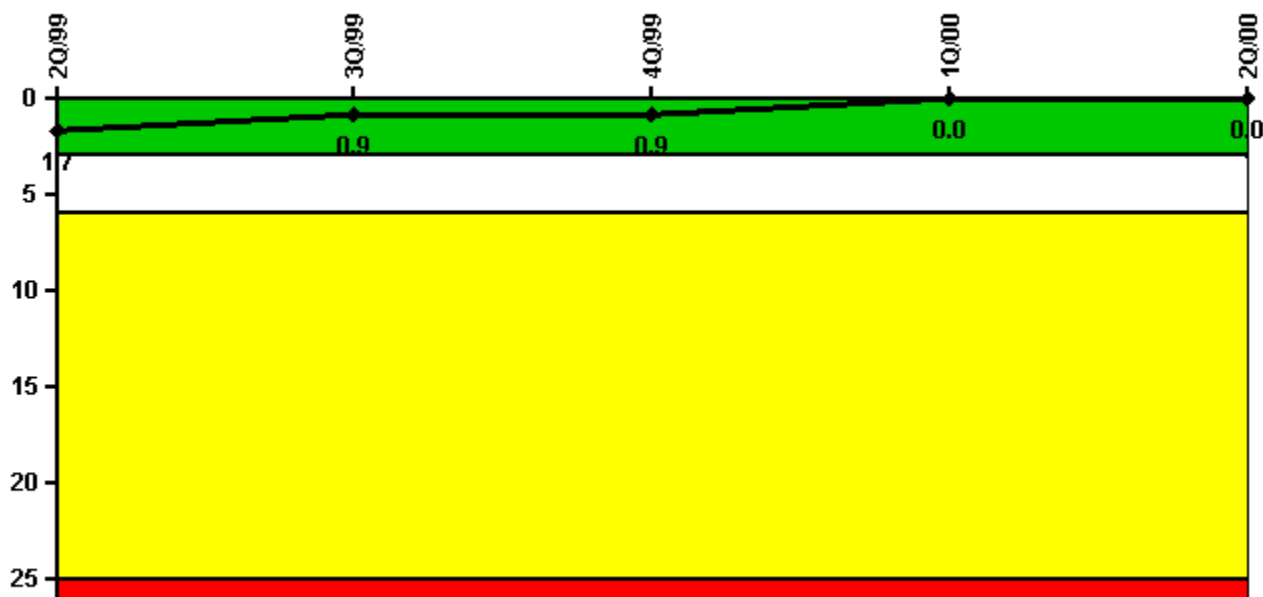


South Texas 2

2Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



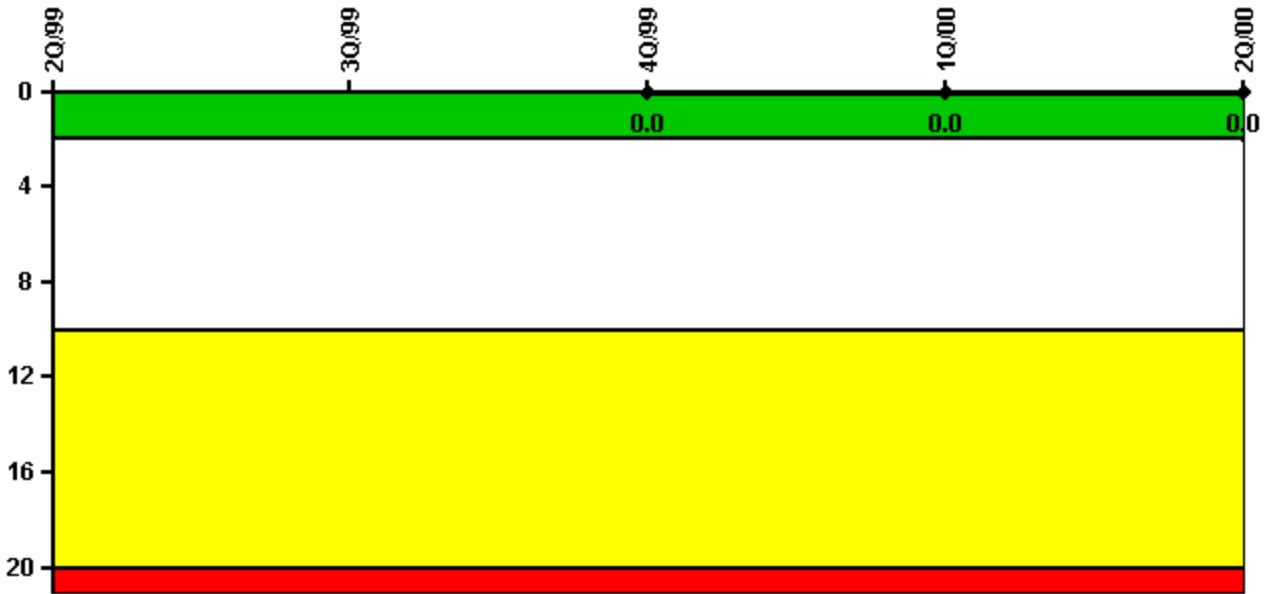
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|--|------------|------------|------------|----------|----------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2183.0 | 2208.0 | 1615.7 | 2184.0 | 2183.0 |
| | | | | | |
| Indicator value | 1.7 | 0.9 | 0.9 | 0 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



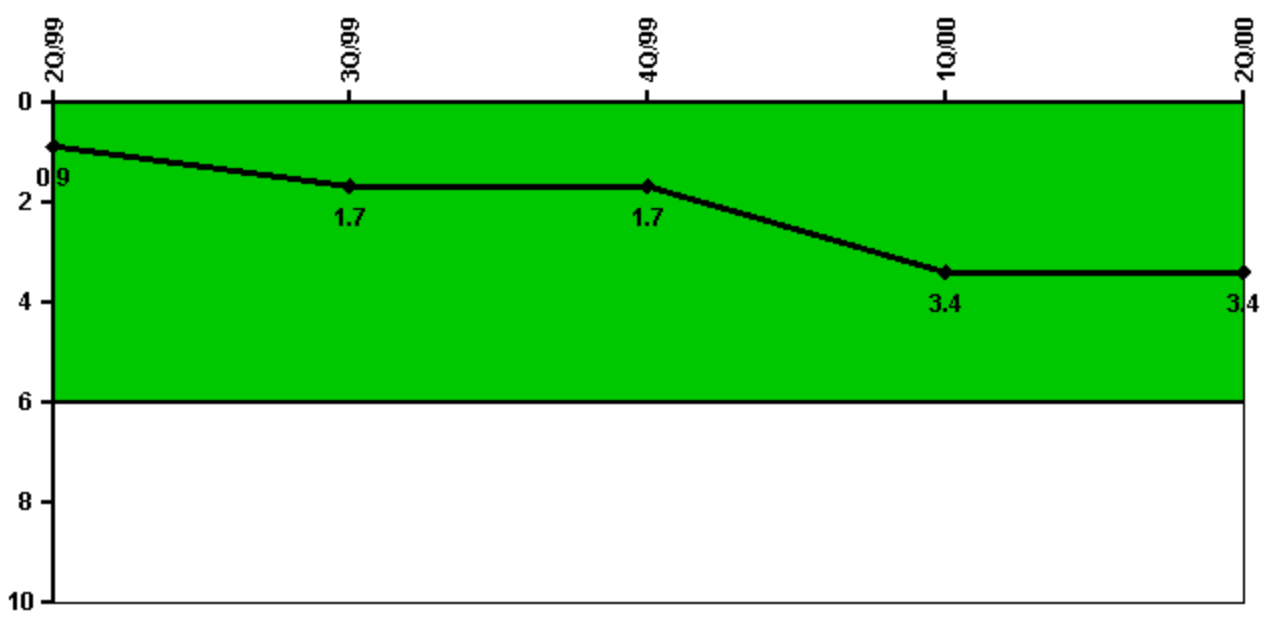
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 |
| Indicator value | | | 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 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 1.0 | 1.0 | 2.0 | 0 |
| Critical hours | 2183.0 | 2208.0 | 1615.7 | 2184.0 | 2183.0 |
| | | | | | |
| Indicator value | 0.9 | 1.7 | 1.7 | 3.4 | 3.4 |

Licensee Comments:

- 1Q/00: Historical information included all unplanned power changes excluding automatic and manual scrams. Reviewed the historical input against the guidance in NEI 99-02 Draft D and revised the input accordingly.
- 4Q/99: Reviewed the historical input against the guidance and revised the input accordingly.
- 3Q/99: Reviewed the historical input against the guidance and revised the input accordingly.
- 2Q/99: Reviewed the historical input against the guidance and revised the input accordingly.
- 4Q/98: Reviewed the historical input against the guidance and revised the input accordingly.

Safety System Unavailability, Emergency AC Power, >2EDG



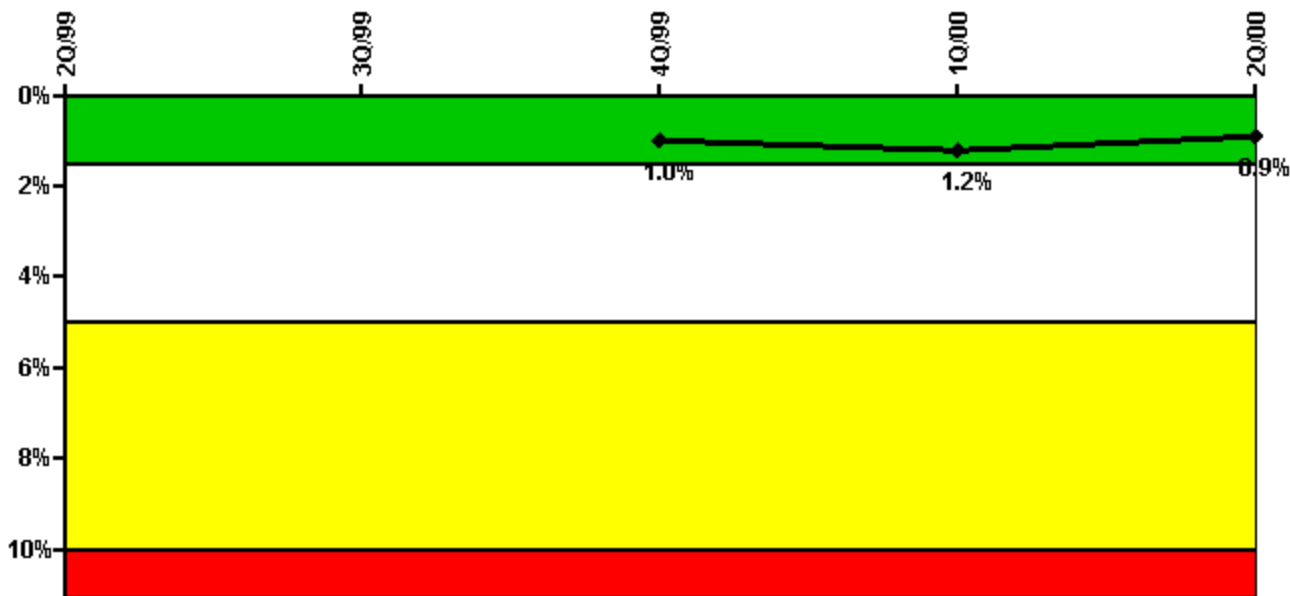
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|---------|---------|---------|---------|---------|
| Train 1 | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 28.00 | 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 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 0 | 2.03 | 0 | 13.15 | 46.00 |
| 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 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 10.75 | 27.27 | 0 | 128.67 | 20.70 |
| 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 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| | | | | | |
| Indicator value | | | 1.6% | 1.7% | 1.4% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



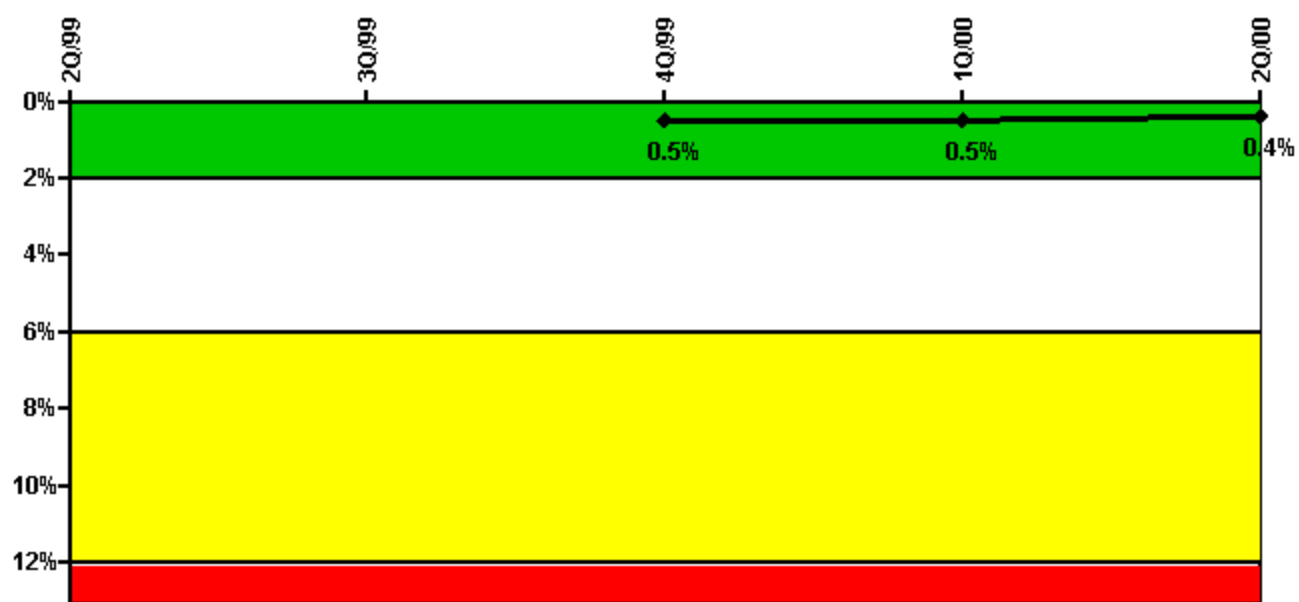
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPSI) | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|---------|---------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 0 | 44.05 | 0 | 94.65 | 14.80 |
| 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 | 2183.00 | 2208.00 | 1615.70 | 2184.00 | 2183.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 12.28 | 19.47 | 0 | 13.15 | 0.50 |
| 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 | 2183.00 | 2208.00 | 1615.70 | 2184.00 | 2183.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 0 | 23.88 | 0 | 73.90 | 8.00 |
| 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 | 2183.00 | 2208.00 | 1615.70 | 2184.00 | 2183.00 |
| | | | | | |
| Indicator value | | | 1.0% | 1.2% | 0.9% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



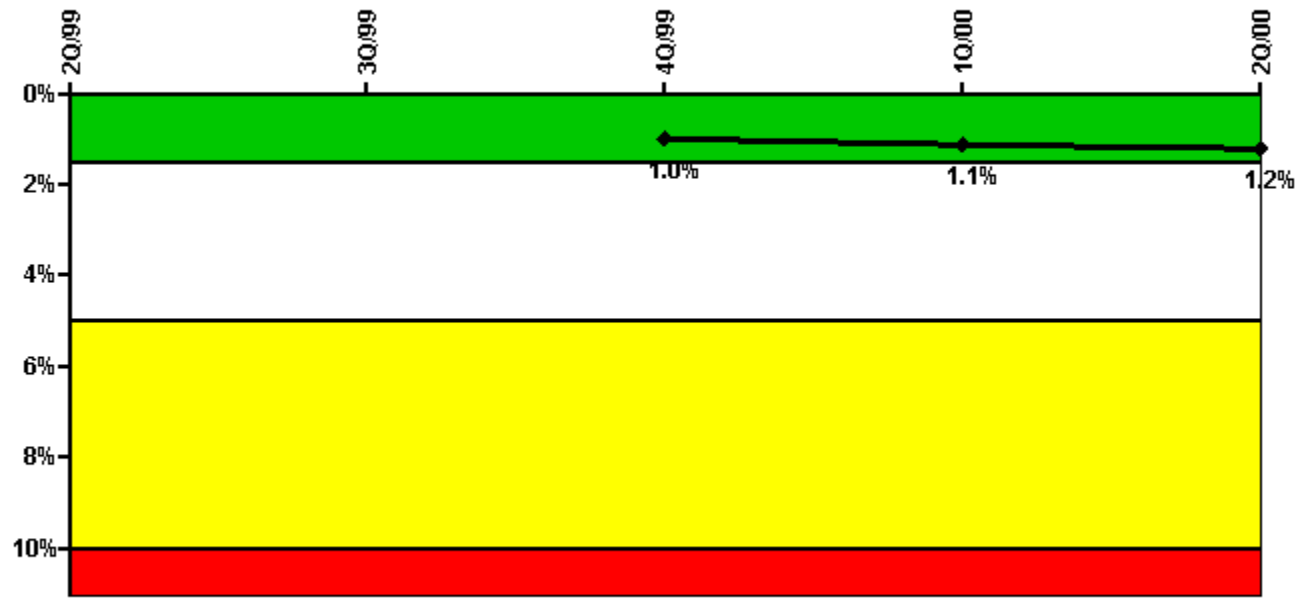
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

| Safety System Unavailability, Heat Removal System (AFW) | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|---------|---------|---------|---------|---------|
| Train 1 | | | | | |
| Planned unavailable hours | 13.22 | 0 | 0 | 18.23 | 9.80 |
| 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 | 2183.00 | 2208.00 | 1615.70 | 2184.00 | 2183.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 10.85 | 4.98 | 5.55 | 15.93 | 4.70 |
| 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 | 2183.00 | 2208.00 | 1615.70 | 2184.00 | 2183.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 15.45 | 0 | 0 | 17.90 | 12.00 |
| 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 | 2183.00 | 2208.00 | 1615.70 | 2184.00 | 2183.00 |
| Train 4 | | | | | |
| Planned unavailable hours | 18.25 | 0 | 0 | 0 | 11.80 |
| 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 | 2183.00 | 2208.00 | 1615.70 | 2184.00 | 2183.00 |
| | | | | | |
| Indicator value | | | 0.5% | 0.5% | 0.4% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



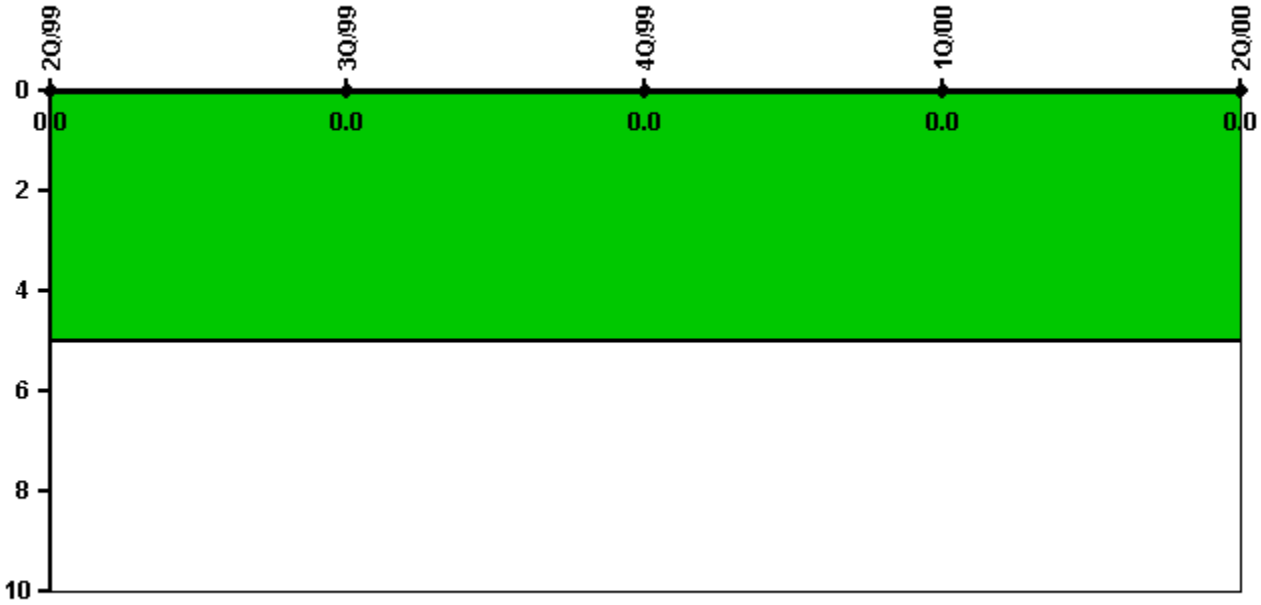
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|--|---------|---------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 7.97 | 163.00 | 0 | 0 | 35.65 |
| 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 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 13.75 | 16.50 | 8.22 | 0 | 51.00 |
| 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 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 83.38 | 3.84 | 0 | 182.00 | 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 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| | | | | | |
| Indicator value | | | 1.0% | 1.1% | 1.2% |

Licensee Comments: none

Safety System Functional Failures (PWR)



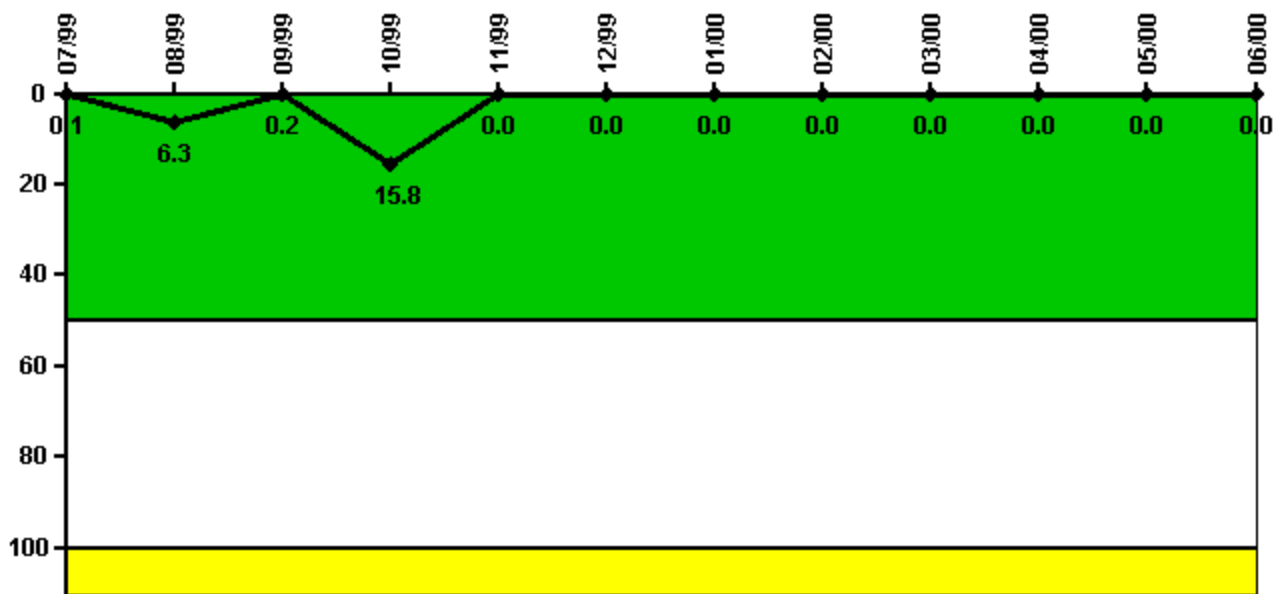
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



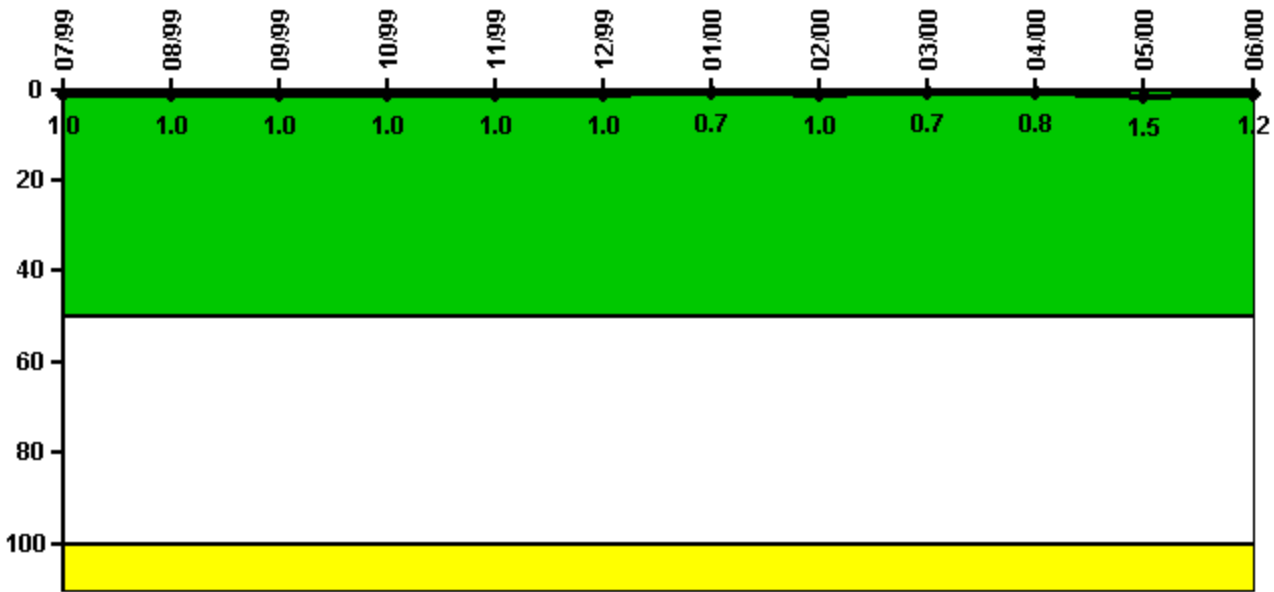
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 7/99 | 8/99 | 9/99 | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000799 | 0.062500 | 0.001680 | 0.158000 | 0.000113 | 0.000130 | 0.000135 | 0.000124 | 0.000120 | 0.000123 | 0.000133 | 0.000147 |
| 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 | 0.1 | 6.3 | 0.2 | 15.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



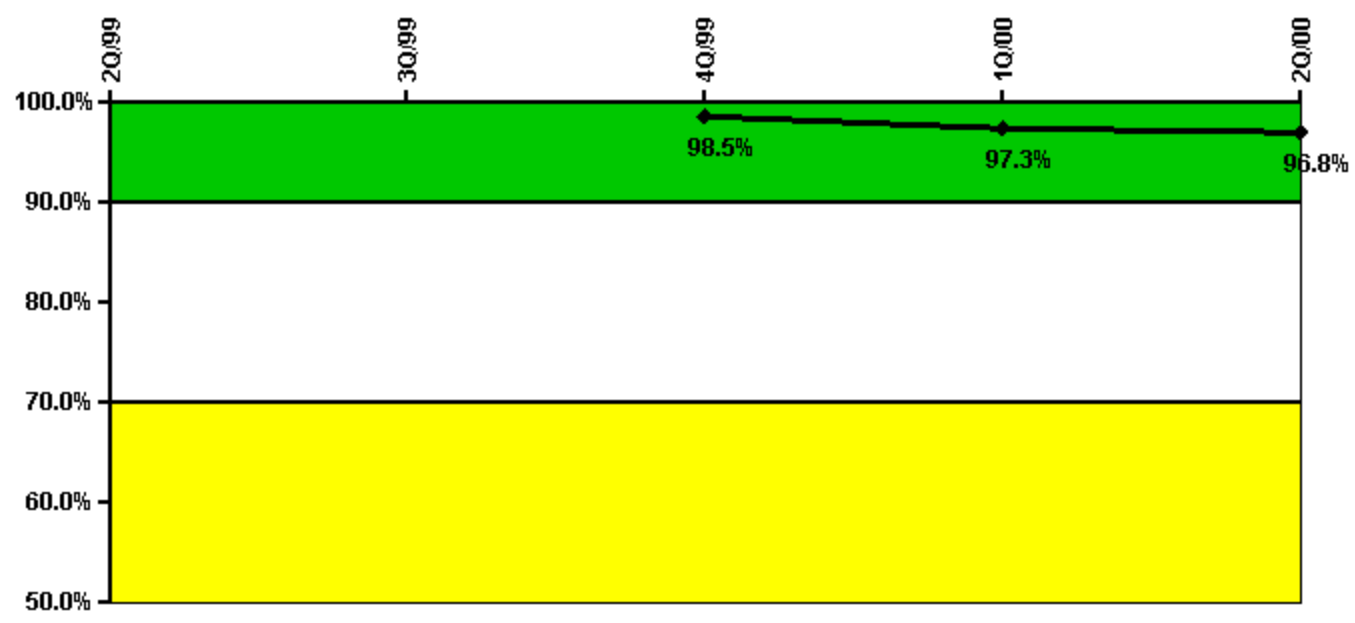
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 7/99 | 8/99 | 9/99 | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.070 | 0.100 | 0.070 | 0.075 | 0.150 | 0.115 |
| 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 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 1.0 | 0.7 | 0.8 | 1.5 | 1.2 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

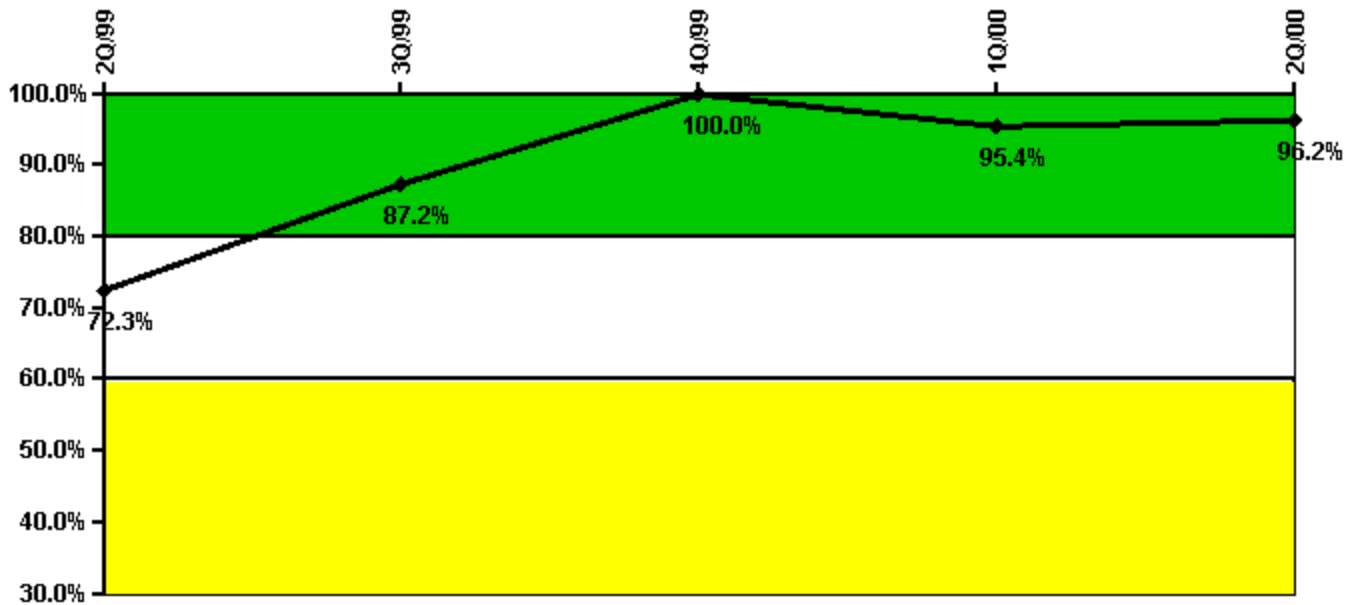
| Drill/Exercise Performance | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|----------------------------|-------|-------|-------|-------|-------|
| Successful opportunities | 0 | 28.0 | 8.0 | 253.0 | 7.0 |
| Total opportunities | 0 | 28.0 | 8.0 | 261.0 | 8.0 |
| | | | | | |
| Indicator value | | | 98.5% | 97.3% | 96.8% |

Licensee Comments:

1Q/00: In reviewing historical data we identified a calculation error when translating data from quarterly to monthly.

4Q/99: Data collected under this performance indicator included full site participation drills (Combined Functional Drill, Drees Rehearsals and Evaluated Exercises) only. Simulator/Licensed Operator Requalification sessions were not counted as part of historical data presented.

ERO Drill Participation



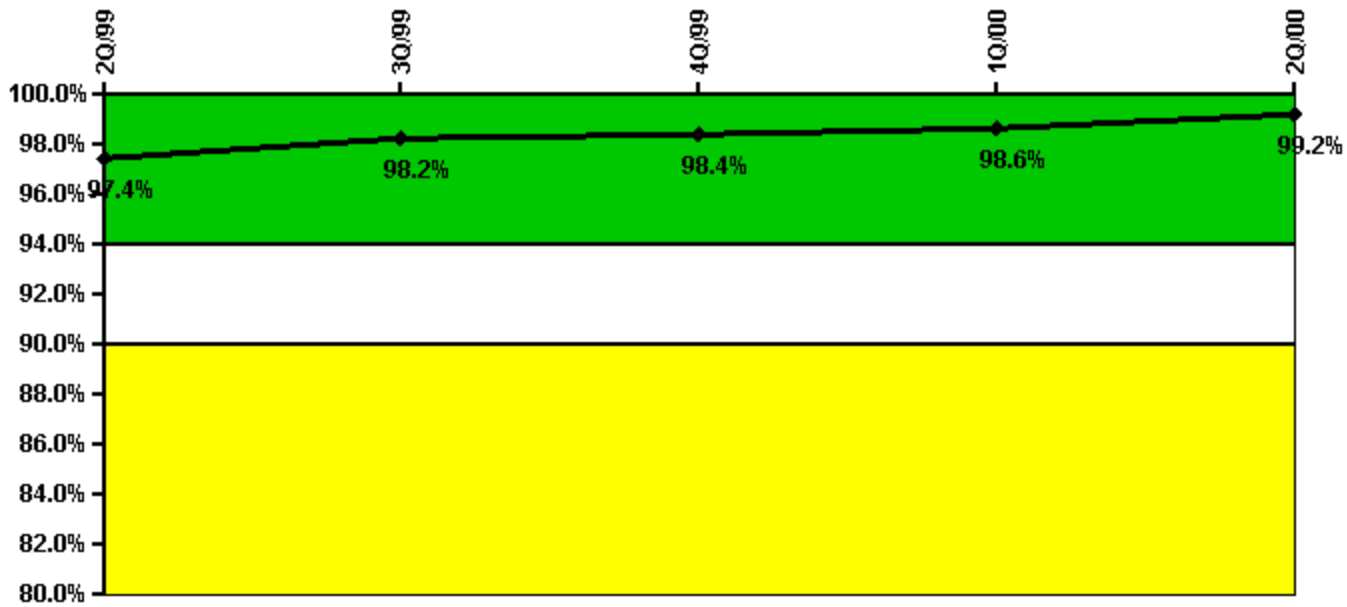
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|-----------------------------|--------------|--------------|---------------|--------------|--------------|
| Participating Key personnel | 34.0 | 41.0 | 47.0 | 125.0 | 126.0 |
| Total Key personnel | 47.0 | 47.0 | 47.0 | 131.0 | 131.0 |
| | | | | | |
| Indicator value | 72.3% | 87.2% | 100.0% | 95.4% | 96.2% |

Licensee Comments: none

Alert & Notification System



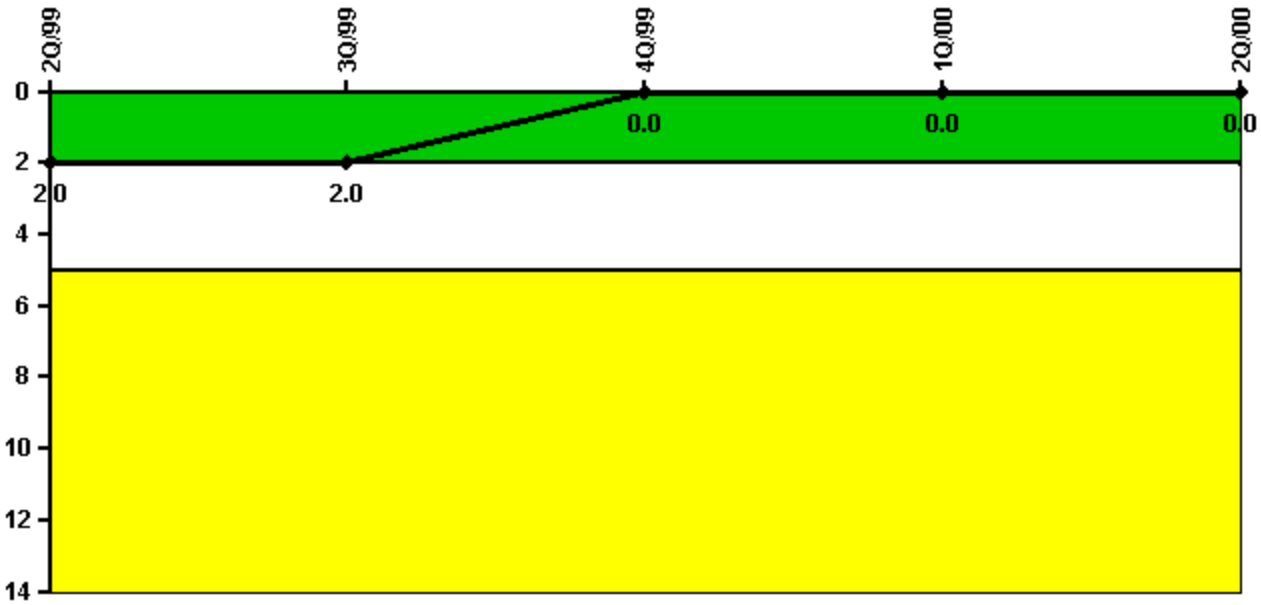
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests | 182 | 215 | 215 | 183 | 217 |
| Total sirens-tests | 186 | 217 | 217 | 186 | 217 |
| | | | | | |
| Indicator value | 97.4% | 98.2% | 98.4% | 98.6% | 99.2% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



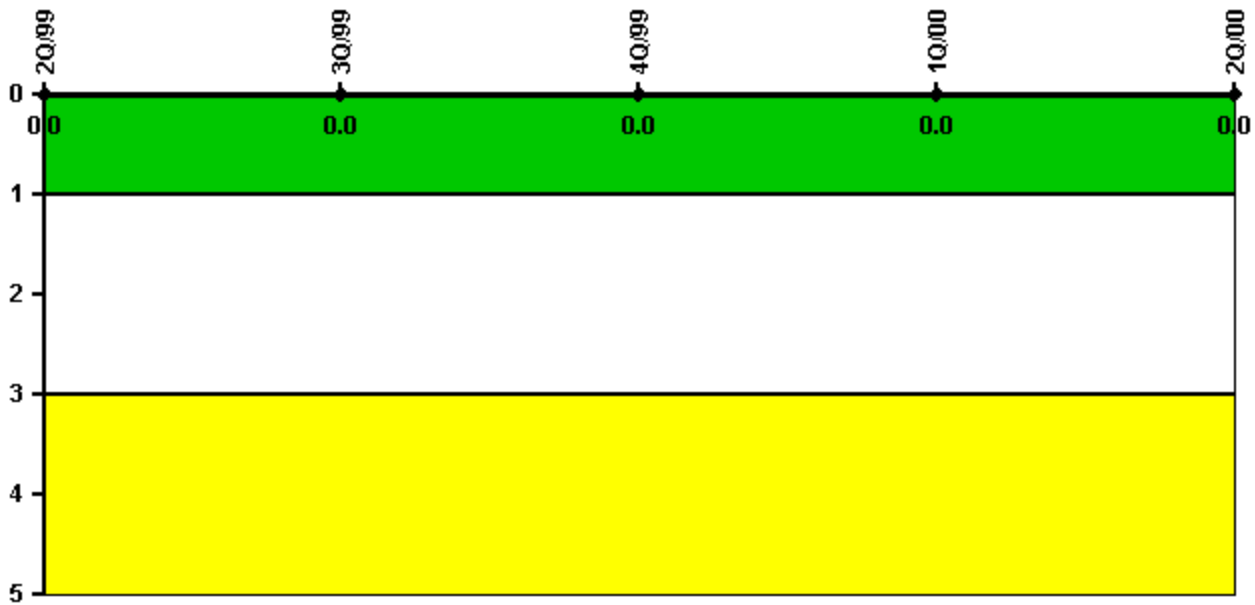
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/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 | 2 | 2 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



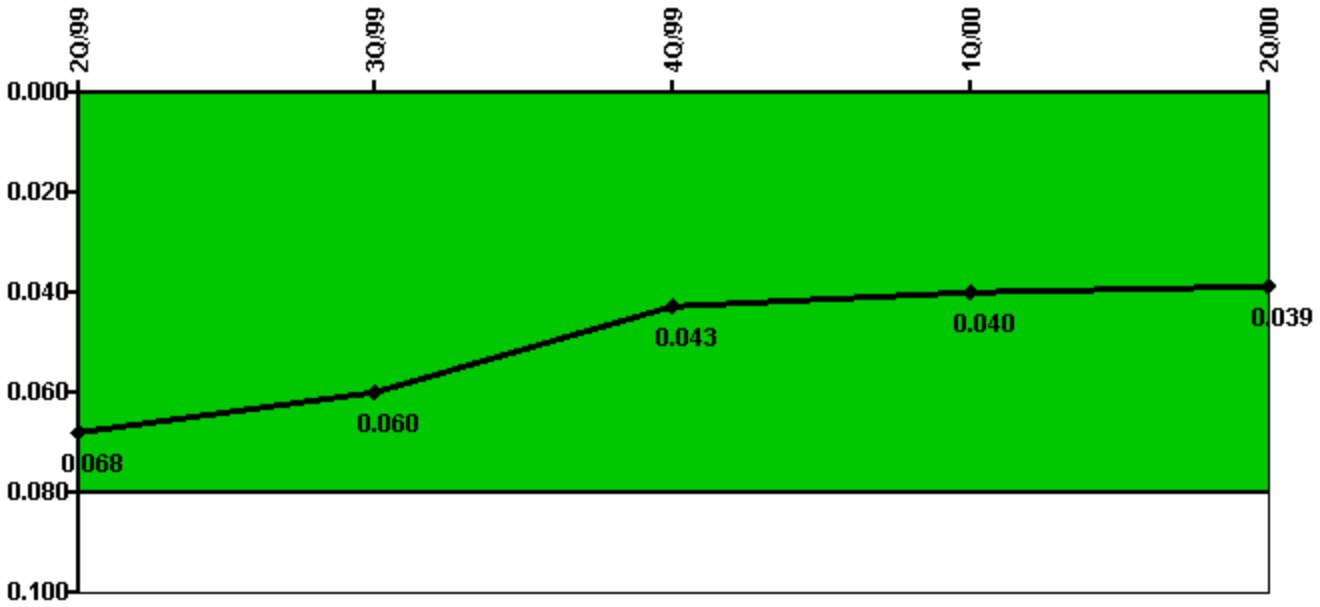
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



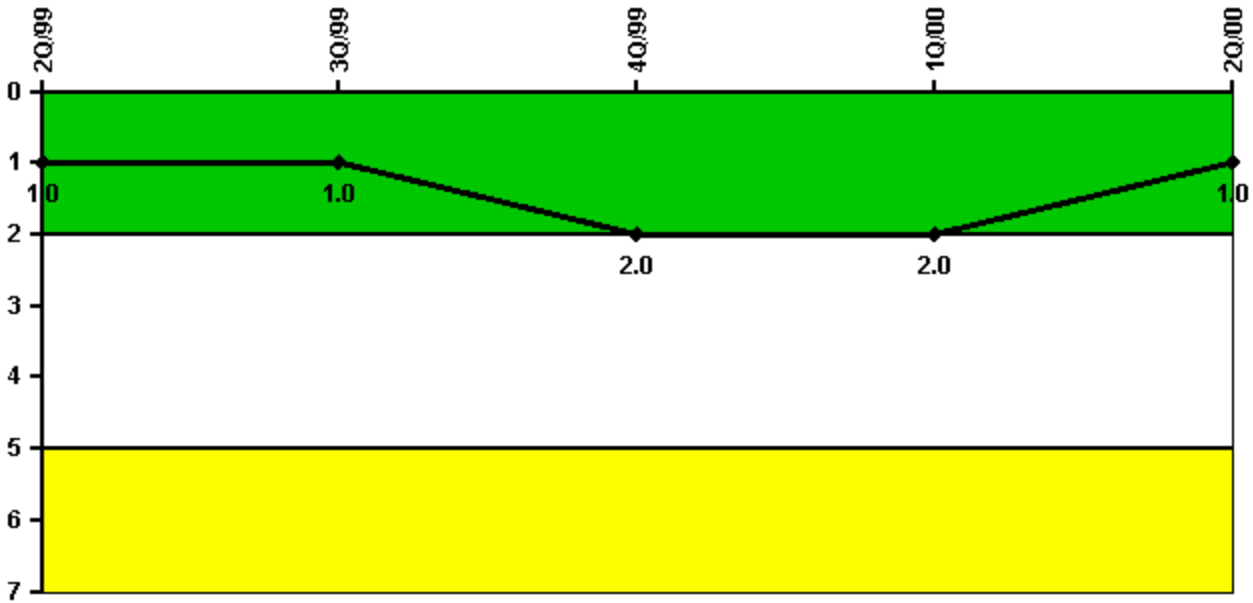
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 101.60 | 186.00 | 347.10 | 352.60 | 46.90 |
| CCTV compensatory hours | 20.6 | 148.8 | 147.2 | 17.1 | 21.7 |
| IDS normalization factor | 2.20 | 2.20 | 2.20 | 2.20 | 2.20 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | |
| Index Value | 0.068 | 0.060 | 0.043 | 0.040 | 0.039 |

Licensee Comments: none

Personnel Screening Program



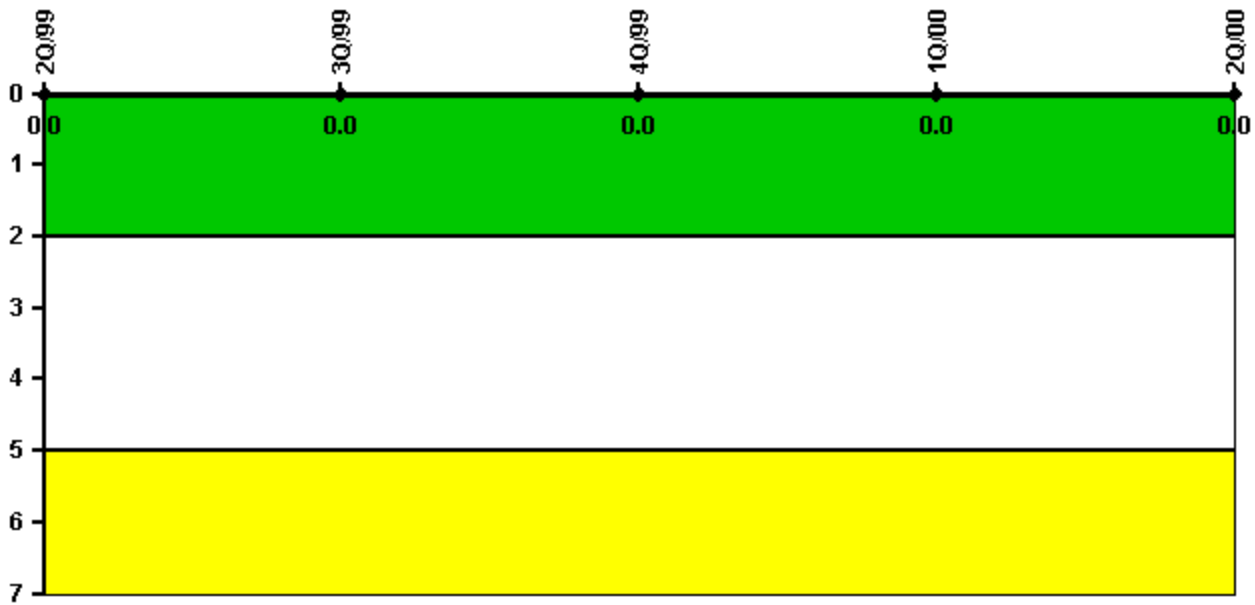
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/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