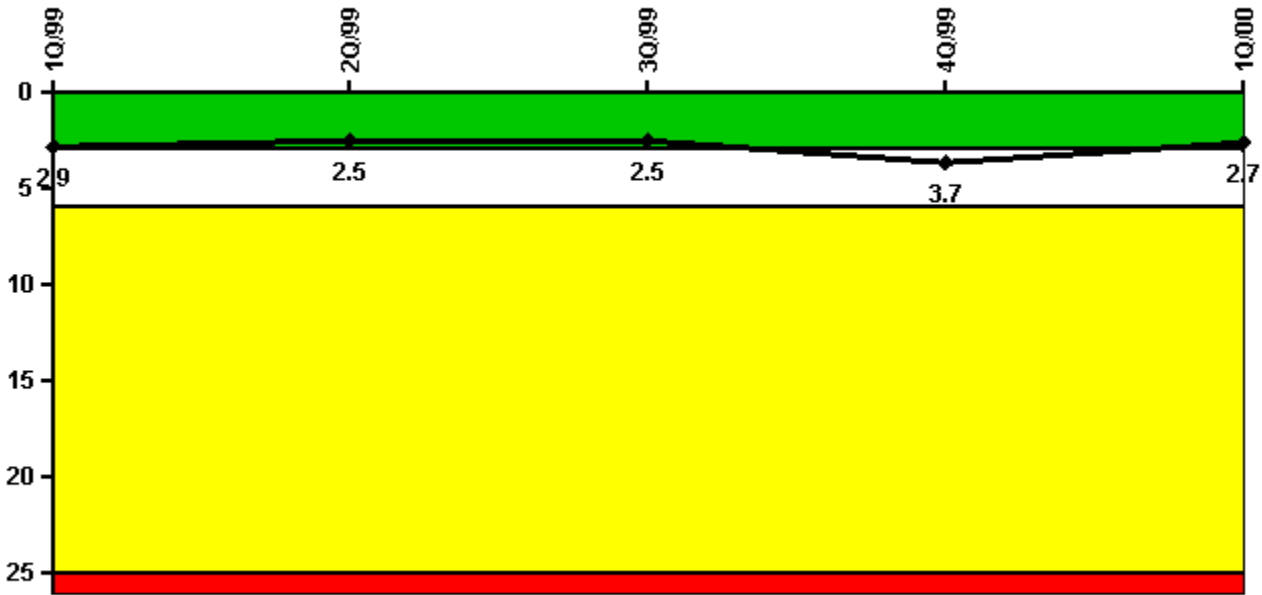


Oconee 2

1Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



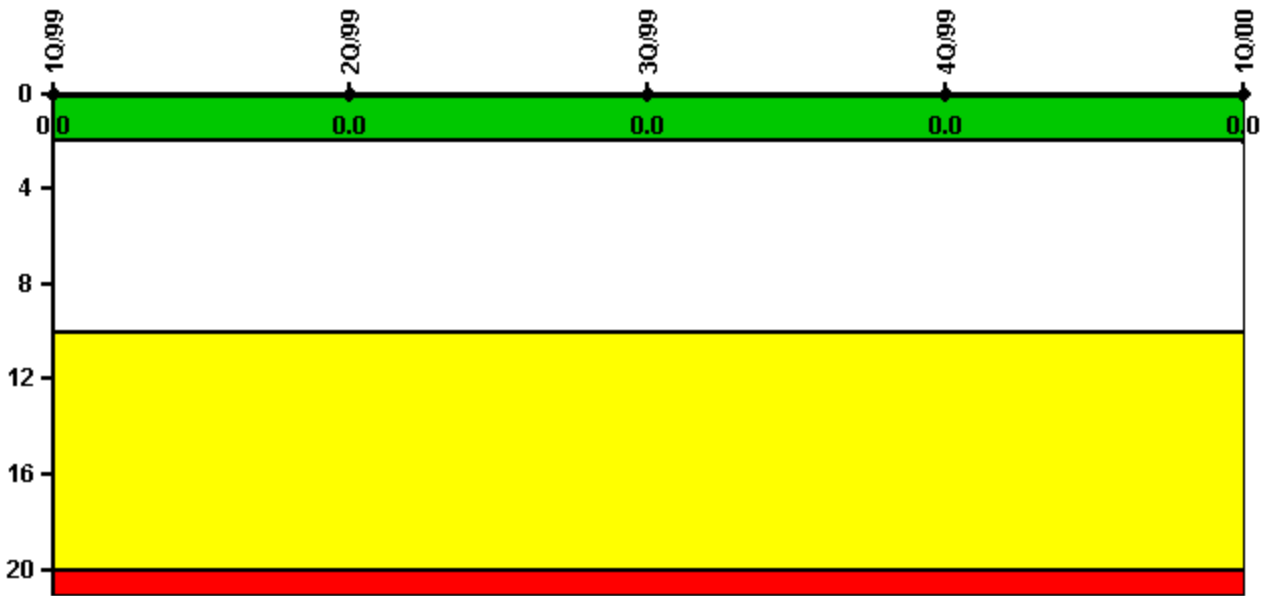
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|--|------------|------------|------------|------------|------------|
| Unplanned scrams | 1.0 | 1.0 | 0 | 2.0 | 0 |
| Critical hours | 2041.3 | 2094.2 | 2208.0 | 1186.0 | 2184.0 |
| | | | | | |
| Indicator value | 2.9 | 2.5 | 2.5 | 3.7 | 2.7 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



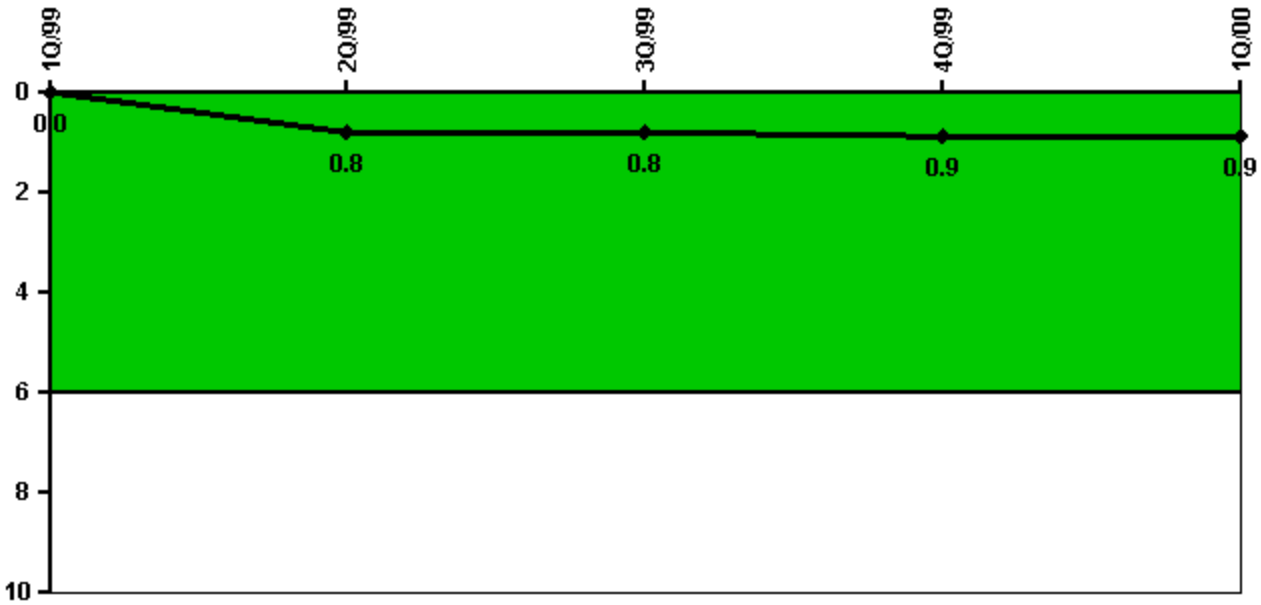
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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 | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2041.3 | 2094.2 | 2208.0 | 1186.0 | 2184.0 |
| | | | | | |
| Indicator value | 0 | 0.8 | 0.8 | 0.9 | 0.9 |

Licensee Comments: none

Safety System Unavailability, HEG

**Thresholds
under
development /
review**

Notes

| Safety System Unavailability, HEG | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 74.63 | 26.43 | 150.15 | 63.36 | 70.21 |
| Unplanned unavailable hours | 6.58 | 0 | 0 | 0 | 45.46 |
| 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 | 21.85 | 0.78 | 41.86 | 23.01 | 56.88 |
| Unplanned unavailable hours | 0 | 0 | 0 | 5.28 | 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 | 1.9% | 1.8% | 2.0% | 2.0% | 2.1% |

Licensee Comments:

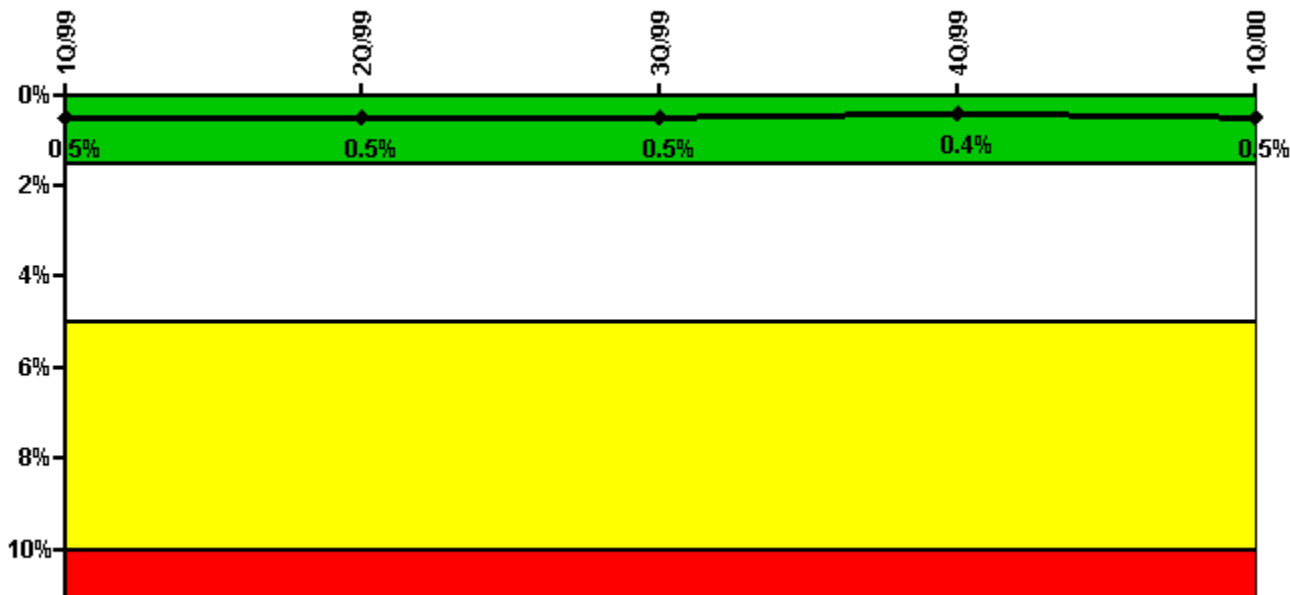
1Q/00: Emergency AC Power system at Oconee is supplied by the two unit Keowee hydroelectric station. Threshold criteria is under development.

3Q/99: Adjusted 'hours train required..'

2Q/99: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/98: Adjusted 'hours train required for service..' to reflect Daylight Savings Time.

Safety System Unavailability, High Pressure Injection System (HPSI)



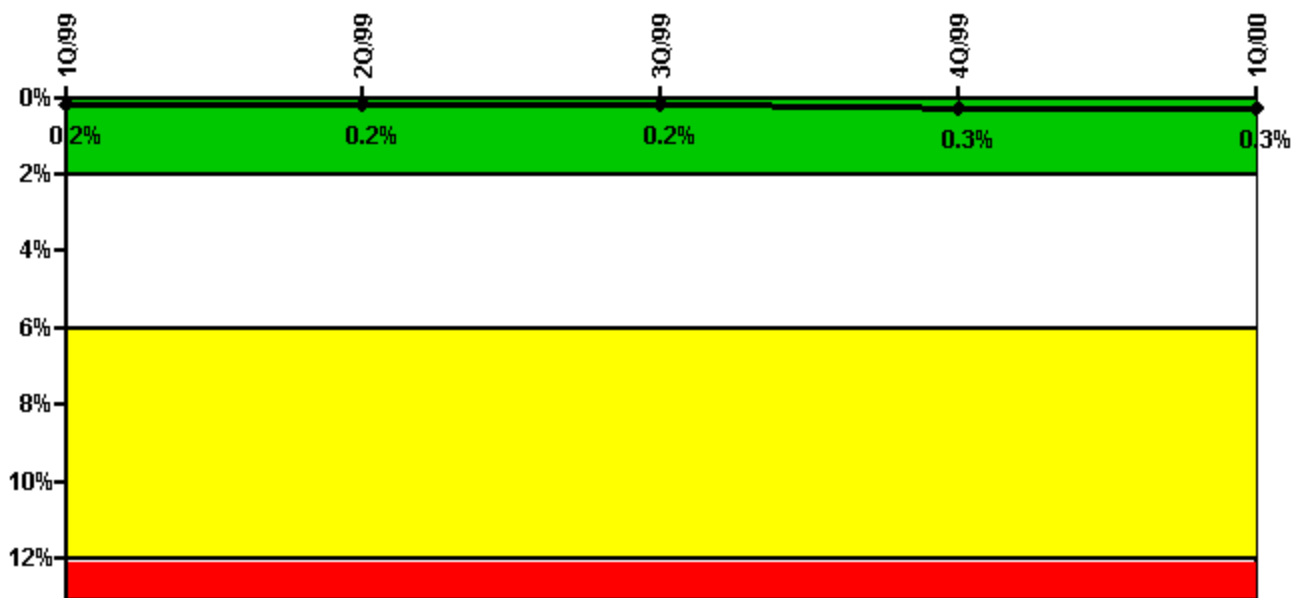
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPSI) | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 13.49 | 0.24 | 7.25 | 2.74 | 9.35 |
| 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 | 1296.00 | 2184.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 11.88 | 0 | 8.50 | 2.70 | 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 | 2160.00 | 2183.00 | 2208.00 | 1296.00 | 2184.00 |
| | | | | | |
| Indicator value | 0.5% | 0.5% | 0.5% | 0.4% | 0.5% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



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

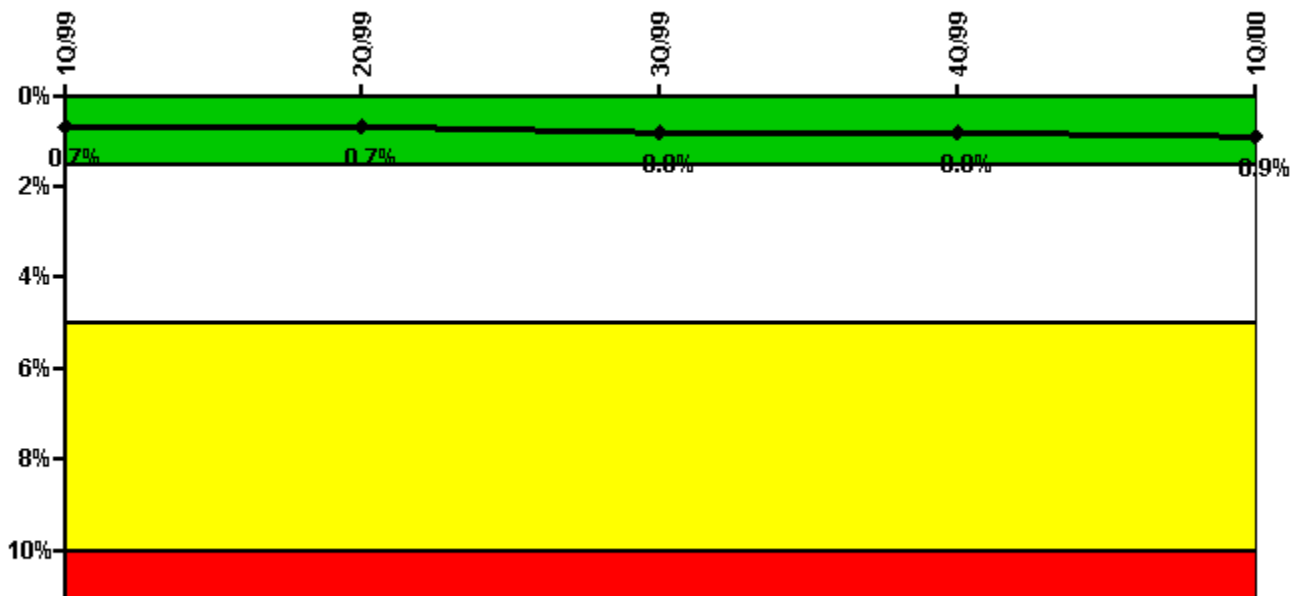
Notes

| Safety System Unavailability, Heat Removal System (AFW) | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 11.70 | 1.67 | 3.90 | 0 | 10.40 |
| 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 | 466.00 | 2184.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 8.20 | 6.00 | 12.30 | 0 | 10.30 |
| Unplanned unavailable hours | 0 | 4.08 | 0 | 0 | 2.00 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 466.00 | 2184.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 0 | 0 | 2.80 | 0 | 6.82 |
| Unplanned unavailable hours | 0 | 0 | 0 | 19.20 | 2.00 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 466.00 | 2184.00 |
| | | | | | |
| Indicator value | 0.2% | 0.2% | 0.2% | 0.3% | 0.3% |

Licensee Comments:

3Q/99: The Train 1- Number of planned unavailable hours during 7/1999, was changed from 0 to 2. This correction does not affect the color of the PI.

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 | 21.20 | 31.66 | 10.06 | 18.48 | 19.45 |
| Unplanned unavailable hours | 0 | 6.17 | 0 | 0 | 10.38 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 1970.50 | 2184.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 29.20 | 12.42 | 11.17 | 28.58 | 14.83 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 10.38 |
| Fault exposure hours | 0 | 6.63 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 1970.50 | 2184.00 |
| | | | | | |
| Indicator value | 0.7% | 0.7% | 0.8% | 0.8% | 0.9% |

Licensee Comments:

4Q/99: Various revisions of the unavailable hours have been made for the months 4/99 until 4/00. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator.

4Q/99: Various revisions of the unavailable hours have been made for the months 4/99 until 4/00. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required for service..' to reflect Daylight Savings Time.

4Q/99: Number of planned unavailable hours for 4Q99 was changed due to a recalculation of data. This change does not affect the color of the

indicator.

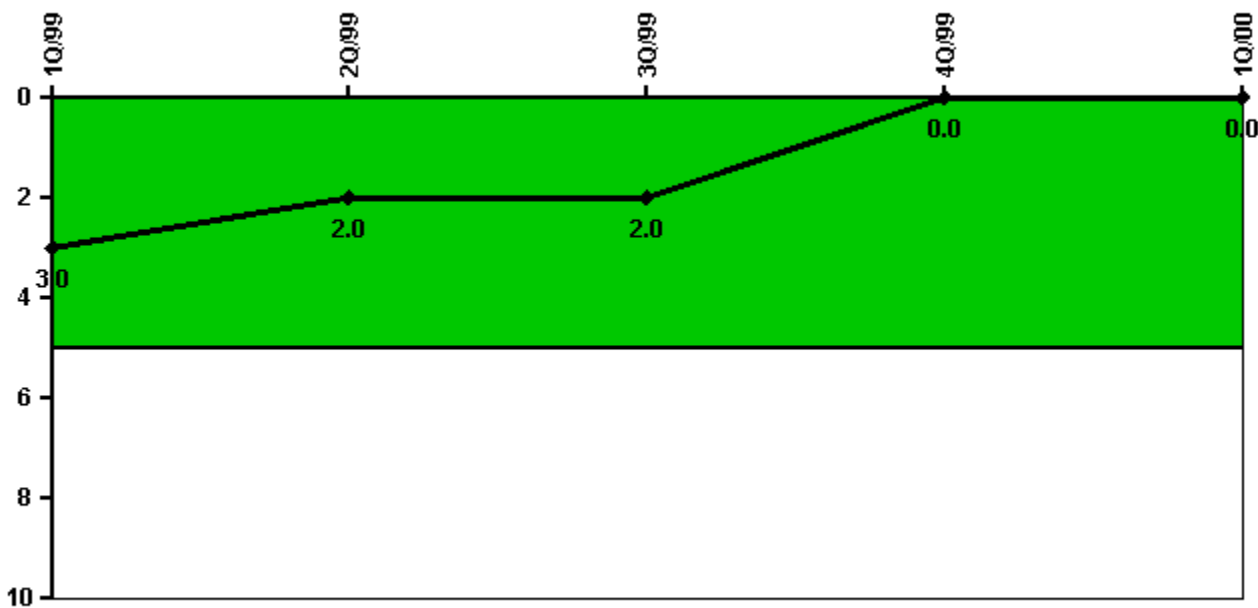
3Q/99: Number of planned unavailable hours for 3Q99 was changed due to a recalculation of data. This change does not affect the color of the indicator.

3Q/99: Various revisions of the unavailable hours have been made for the months 4/99 until 4/00. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator.

2Q/99: Various revisions of the unavailable hours have been made for the months 4/99 until 4/00. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator.

2Q/99: Number of planned unavailable hours for 2Q99 was changed due to a recalculation of data. This change does not affect the color of the indicator.

Safety System Functional Failures (PWR)



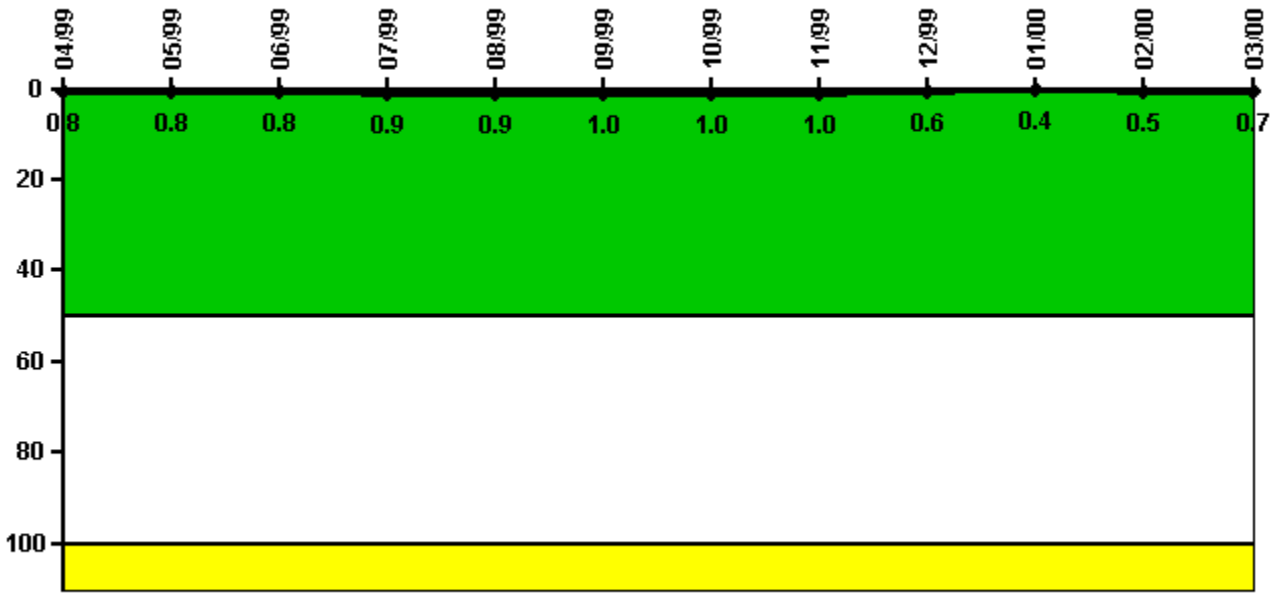
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



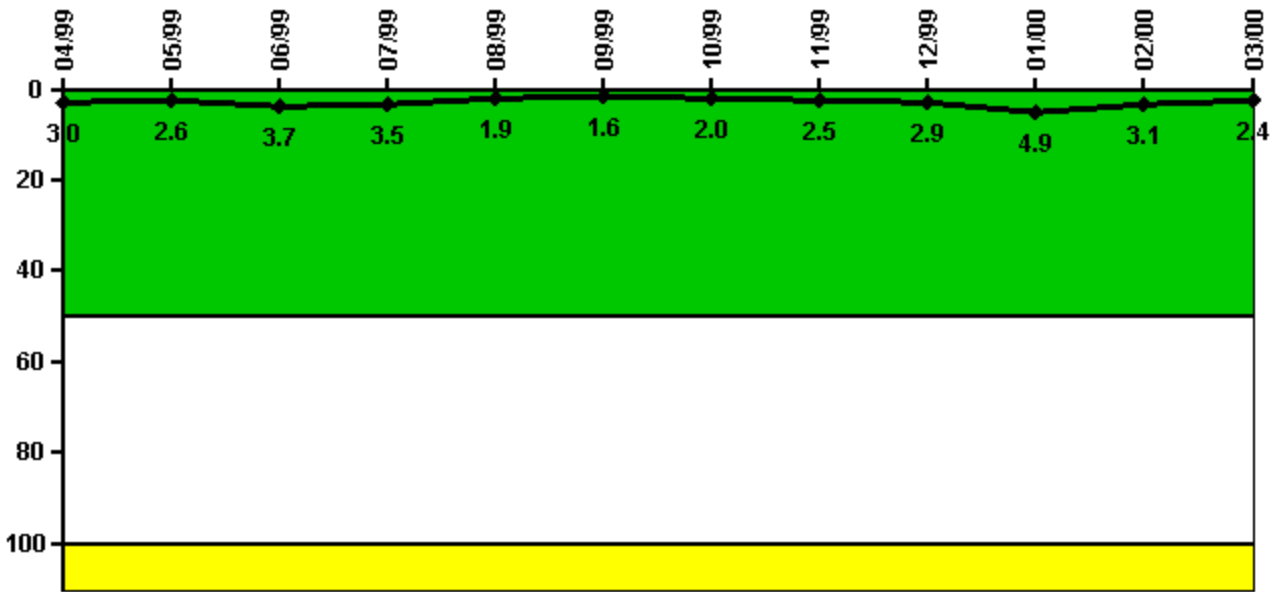
Thresholds: White > 50.0 Yellow > 100.0

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 | 0.007619 | 0.008083 | 0.008412 | 0.008550 | 0.009360 | 0.009750 | 0.010070 | 0.009630 | 0.005949 | 0.004200 | 0.004600 | 0.007391 |
| 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 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 1.0 | 1.0 | 1.0 | 0.6 | 0.4 | 0.5 | 0.7 |

Licensee Comments: none

Reactor Coolant System Leakage



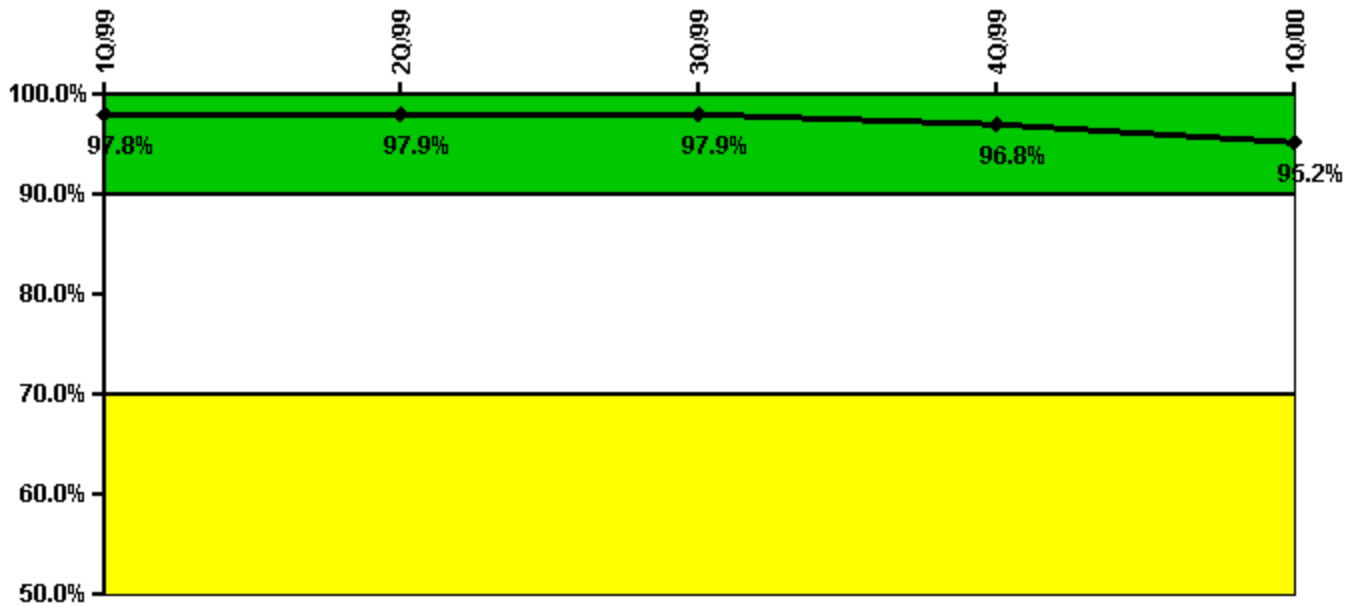
Thresholds: White > 50.0 Yellow > 100.0

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 | 0.300 | 0.260 | 0.370 | 0.350 | 0.190 | 0.160 | 0.200 | 0.250 | 0.290 | 0.490 | 0.310 | 0.240 |
| 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 | 3.0 | 2.6 | 3.7 | 3.5 | 1.9 | 1.6 | 2.0 | 2.5 | 2.9 | 4.9 | 3.1 | 2.4 |

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 | 6.0 | 8.0 | 12.0 | 42.0 | 19.0 |
| Total opportunities | 6.0 | 8.0 | 12.0 | 44.0 | 22.0 |
| | | | | | |
| Indicator value | 97.8% | 97.9% | 97.9% | 96.8% | 95.2% |

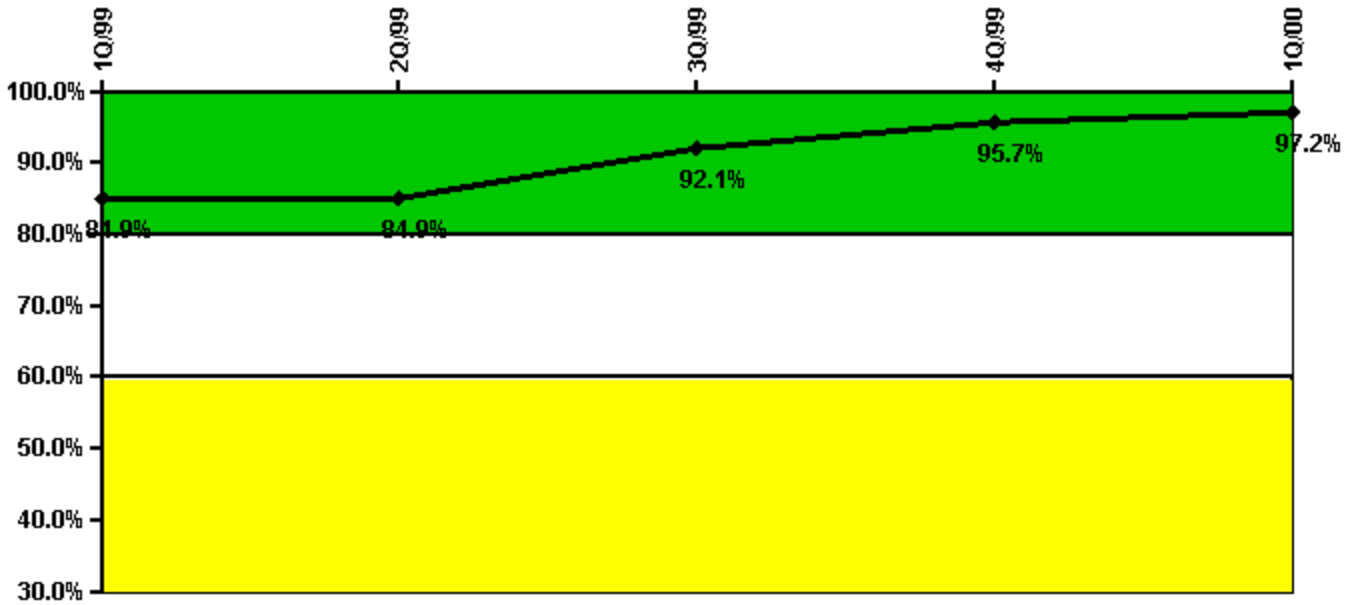
Licensee Comments:

4Q/99: 4Q99 data is revised to incorporate notification opportunities for 12/99 NOUEs. This change does not affect the PI color.

1Q/99: 1Q99 data is revised to incorporate Alert opportunities/performance from drill 99-01-February. This change does not affect the PI color.

4Q/98: The correct historical data was submitted for Unit 1 but was not corrected for Unit 2 and Unit 3. This change does not affect the PI color.

ERO Drill Participation



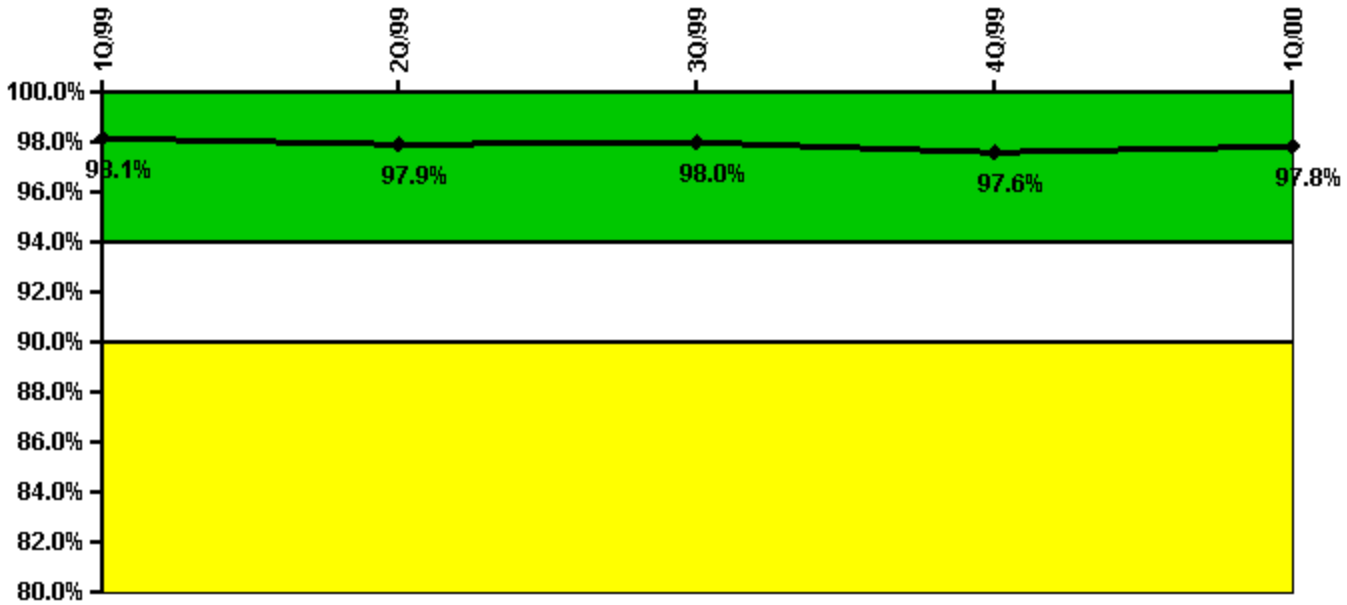
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Participating Key personnel | 124.0 | 124.0 | 129.0 | 135.0 | 138.0 |
| Total Key personnel | 146.0 | 146.0 | 140.0 | 141.0 | 142.0 |
| | | | | | |
| Indicator value | 84.9% | 84.9% | 92.1% | 95.7% | 97.2% |

Licensee Comments: none

Alert & Notification System



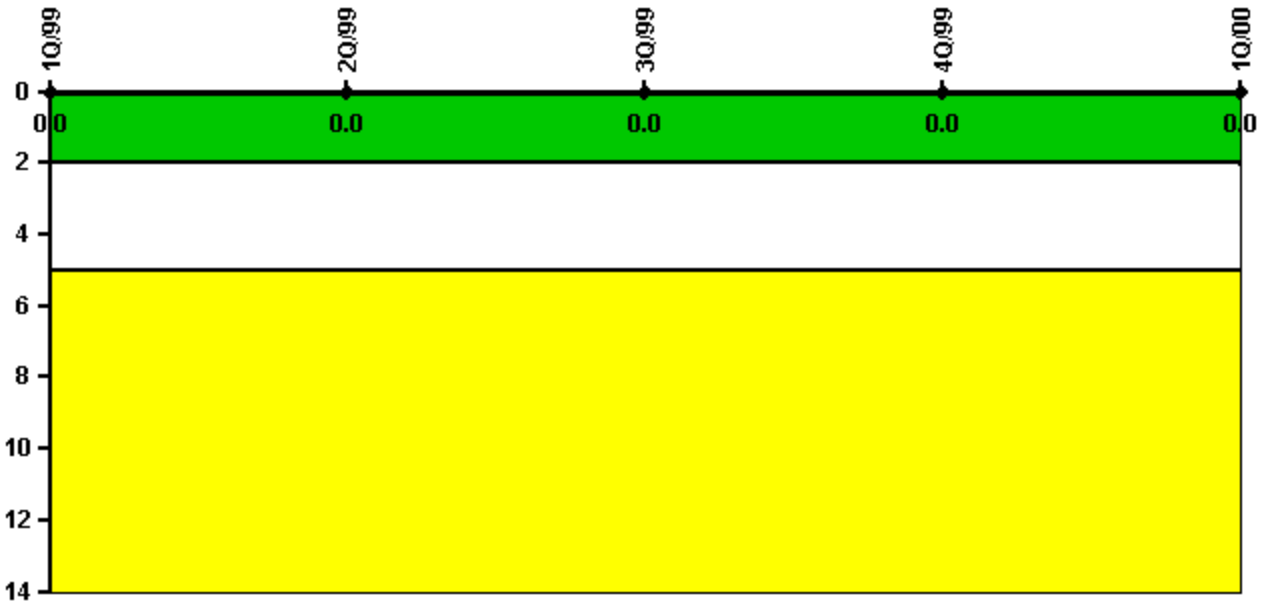
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests | 913 | 1133 | 1184 | 951 | 1256 |
| Total sirens-tests | 924 | 1162 | 1211 | 987 | 1267 |
| | | | | | |
| Indicator value | 98.1% | 97.9% | 98.0% | 97.6% | 97.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

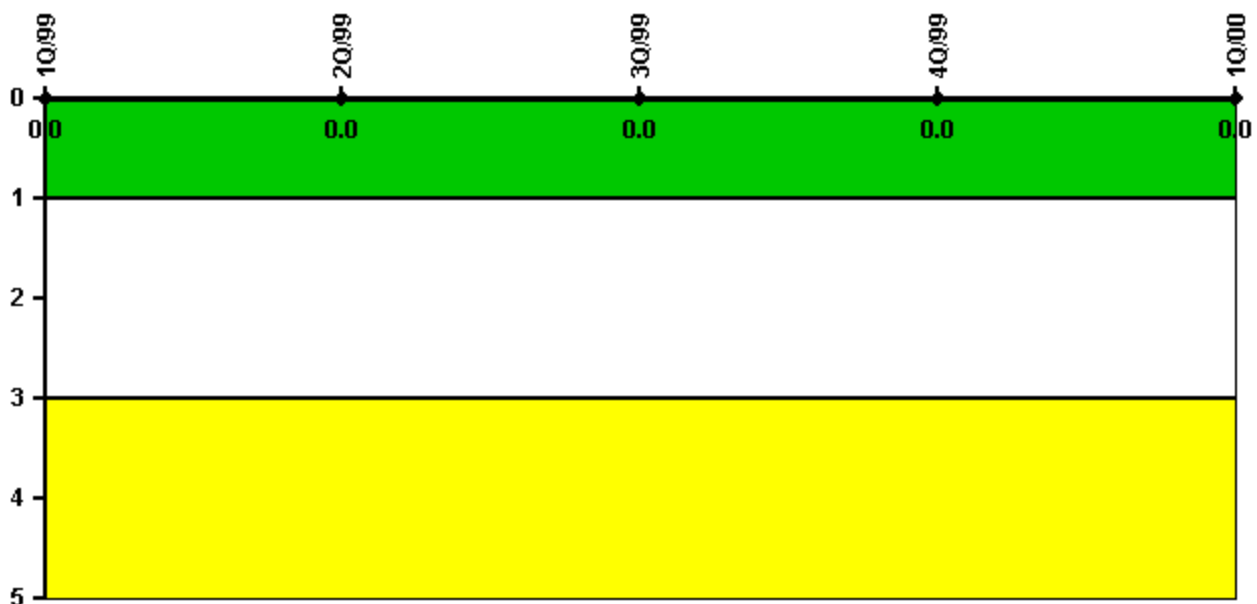
Notes

| 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:

1Q/99: Technical specification high radiation area occurrences during the quarter for Unit 2 was reported as 1, however, the number should have been 0.

RETS/ODCM Radiological Effluent



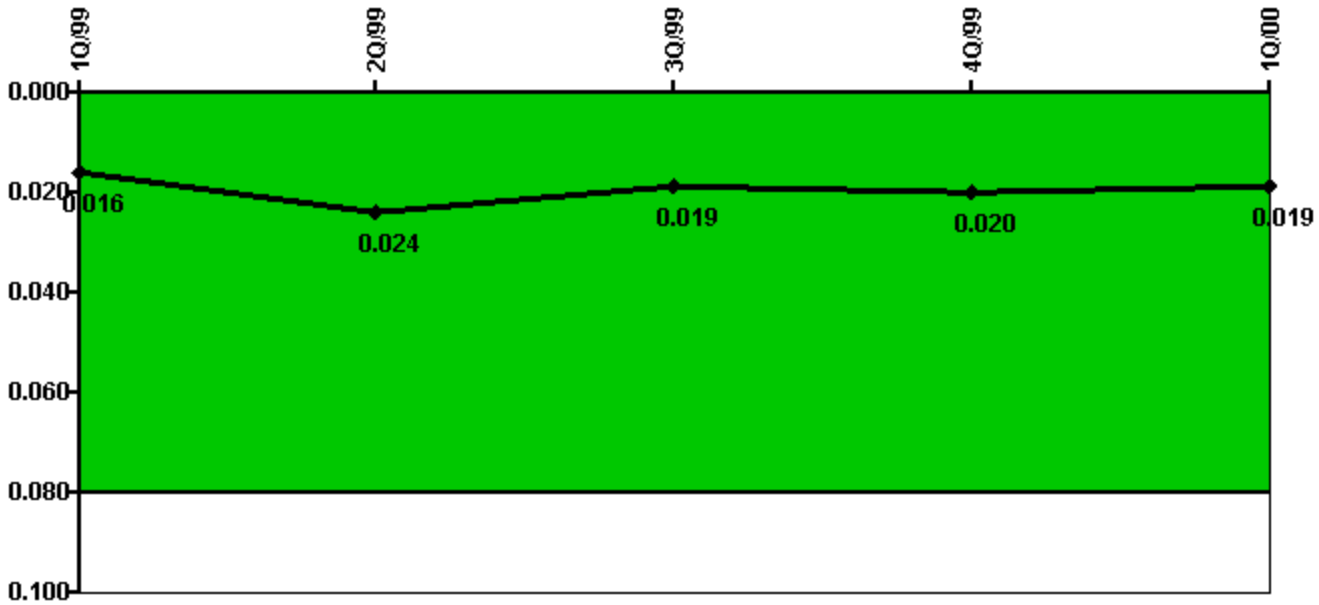
Thresholds: White > 1.0 Yellow > 3.0

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

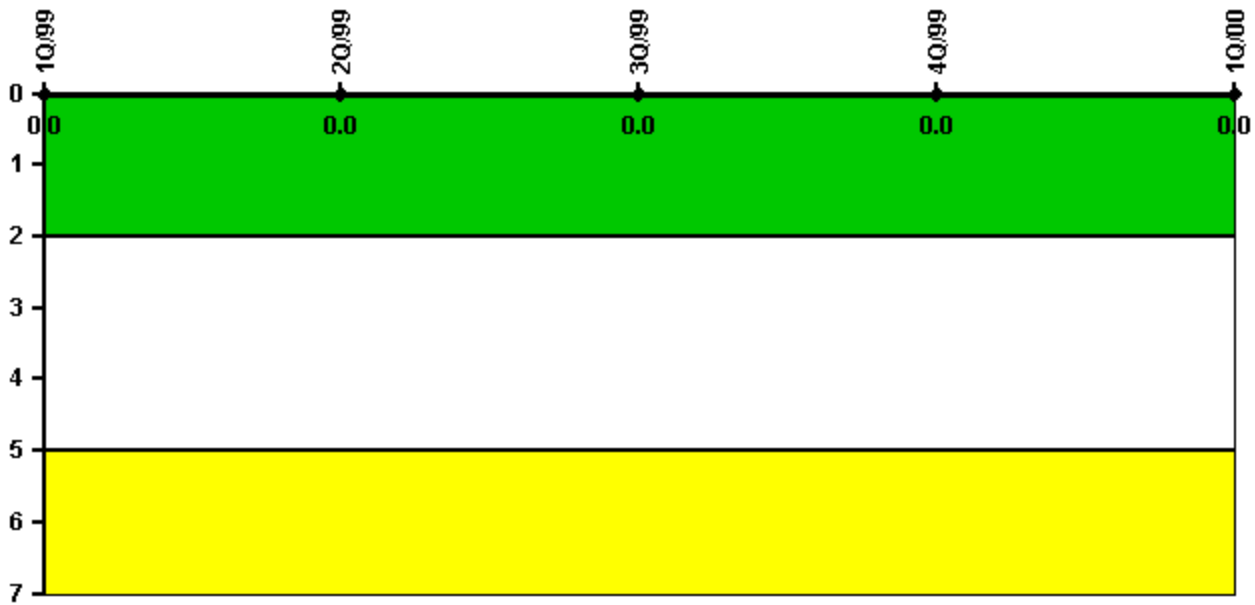
Notes

| Protected Area Security Performance Index | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 30.00 | 3.00 | 49.00 | 183.00 | 33.00 |
| CCTV compensatory hours | 15.0 | 138.0 | 101.0 | 1.0 | 0 |
| IDS normalization factor | 2.80 | 2.80 | 2.80 | 2.80 | 2.80 |
| CCTV normalization factor | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| | | | | | |
| Index Value | 0.016 | 0.024 | 0.019 | 0.020 | 0.019 |

Licensee Comments:

1Q/00: The correct IDS Normalization Factor is 2.8 (not 2.45). This change is for 1Q00 only and does not affect the color of the Performance Indicator.

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