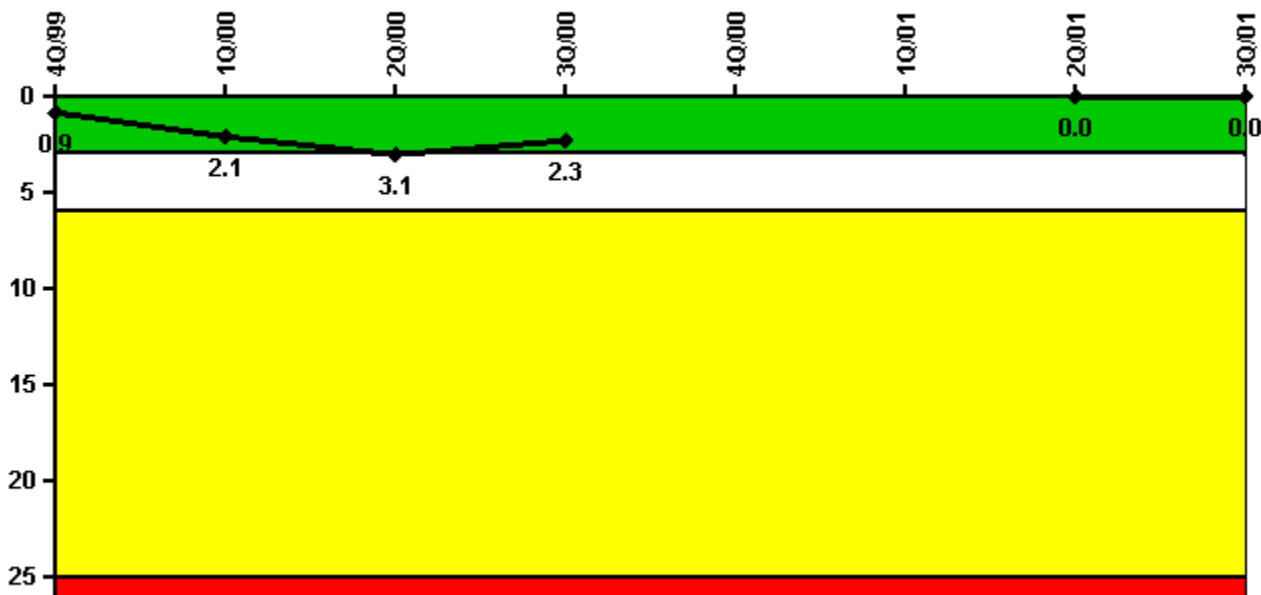


Indian Point 2

3Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



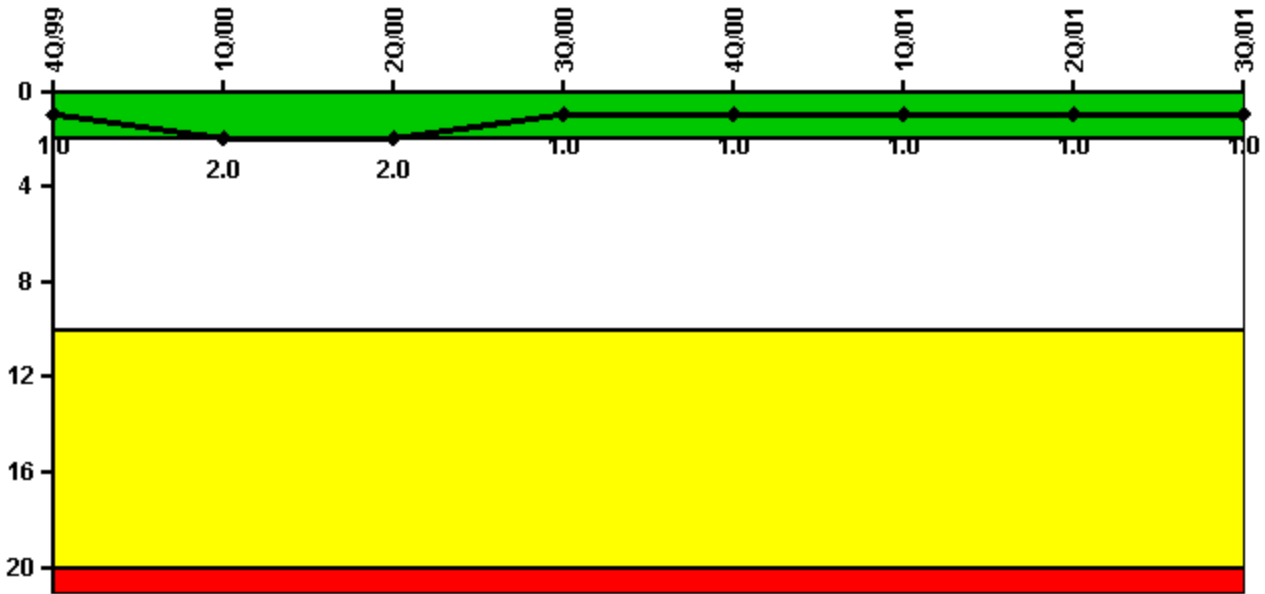
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|--|--------|--------|-------|-------|-------|--------|--------|--------|
| Unplanned scrams | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1902.0 | 1099.5 | 0 | 0 | 44.2 | 2160.0 | 2183.0 | 2208.0 |
| Indicator value | 0.9 | 2.1 | 3.1 | 2.3 | N/A | N/A | 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 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



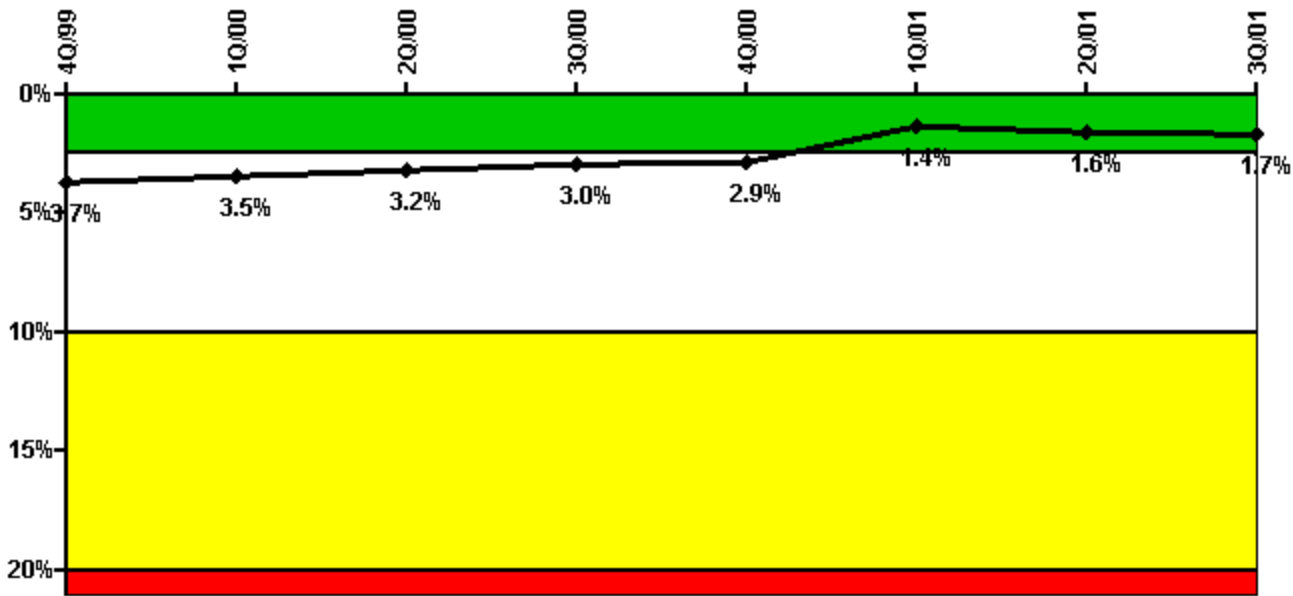
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|--------|--------|-------|-------|-------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 2.0 | 1.0 | 1.0 |
| Critical hours | 1902.0 | 1099.5 | 0 | 0 | 44.2 | 2160.0 | 2183.0 | 2208.0 |
| Indicator value | 0 | 0 | 0 | 0 | N/A | N/A | 4.8 | 4.2 |

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 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 52.85 | 2.12 | 0 | 0 | 0 | 7.30 | 111.65 | 8.80 |
| Unplanned unavailable hours | 38.47 | 0 | 0 | 0 | 0 | 0.80 | 32.93 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2184.00 | 2184.00 | 2208.00 | 2208.00 | 2160.00 | 2183.00 | 2208.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 7.84 | 51.14 | 0 | 0 | 0 | 125.87 | 9.92 | 51.58 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0.63 | 1.03 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2184.00 | 2184.00 | 2208.00 | 2208.00 | 2160.00 | 2183.00 | 2208.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 34.25 | 3.81 | 0 | 0 | 0 | 81.62 | 28.93 | 86.63 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0.88 | 29.03 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 1443.93 | 0 | 0 |
| Required hours | 2208.00 | 2184.00 | 2184.00 | 2208.00 | 2208.00 | 2160.00 | 2183.00 | 2208.00 |
| Indicator value | 3.7% | 3.5% | 3.2% | 3.0% | 2.9% | 1.4% | 1.6% | 1.7% |

Licensee Comments:

1Q/01: Third Quarter 1999 fault exposure hours were removed based on NRC supplemental inspection, completed in Inspection Report 2001-002.

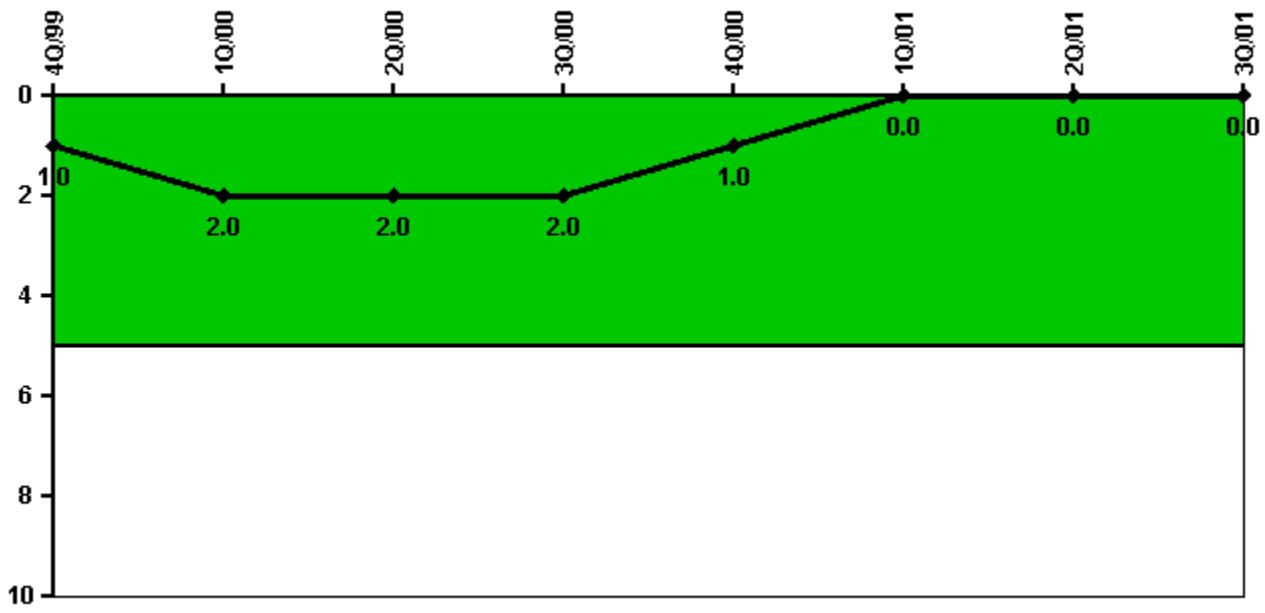
3Q/99: Fault Exposure Hours Reset per NEI, "Supplemental Guidance for Fault Exposure Hour Reset", December 6, 2001

Effective Reset Comments:

| | | | | | | | | |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 0 | 1163.00 | 957.10 | 2160.00 | 2183.00 | 2208.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 0 | 1163.00 | 957.10 | 2160.00 | 2183.00 | 2208.00 |
| | | | | | | | | |
| Indicator value | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.1% |

Licensee Comments: none

Safety System Functional Failures (PWR)



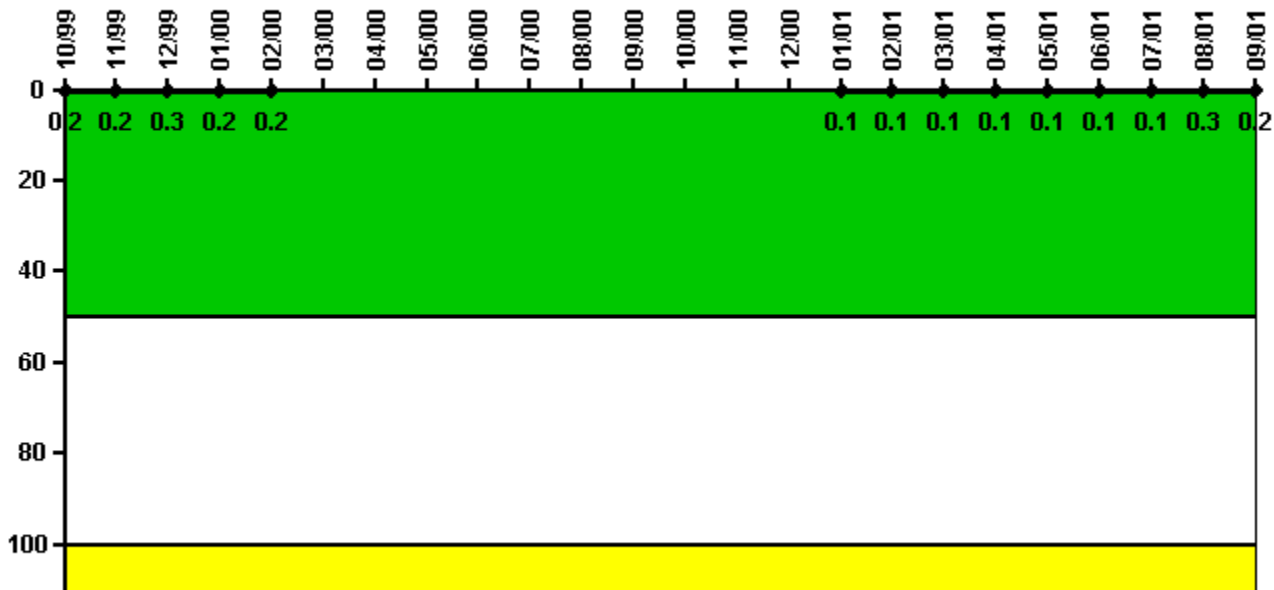
Thresholds: White > 5.0

Notes

| Safety System Functional Failures (PWR) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 1 | 2 | 2 | 2 | 1 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|---------------------------------|----------|----------|----------|----------|----------|------|------|------|------|------|------|------|
| Maximum activity | 0.002190 | 0.002300 | 0.002600 | 0.002390 | 0.002280 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 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 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

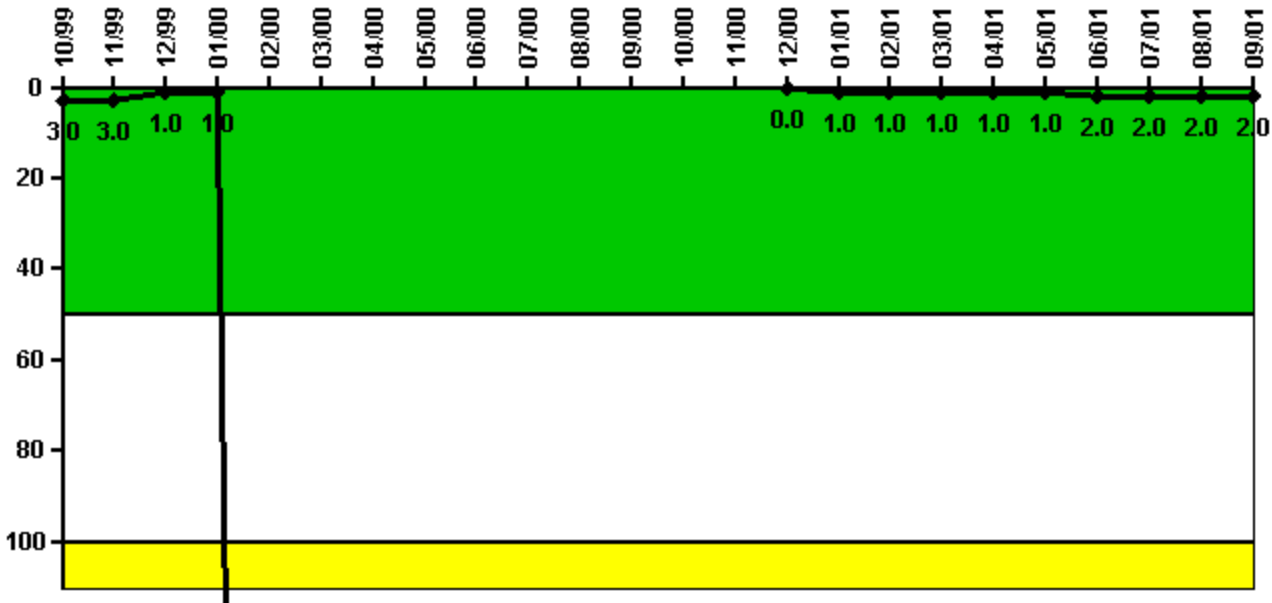
| Reactor Coolant System Activity | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 |
|---------------------------------|-------|-------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | N/A | N/A | N/A | 0.000600 | 0.000700 | 0.000800 | 0.000770 | 0.000790 | 0.001400 | 0.001100 | 0.002700 | 0.001600 |
| 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 | N/A | N/A | N/A | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.2 |

Licensee Comments:

9/01: April and May 2001 data were revised. The revision did not change the indicator color. When the field data were originally input to this data base the data were transposed and entered a factor of ten greater than actual.

6/01: April and May 2001 data were revised. The revision did not change the indicator color. When the field data were originally input to this data base the data were transposed and entered a factor of ten greater than actual.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

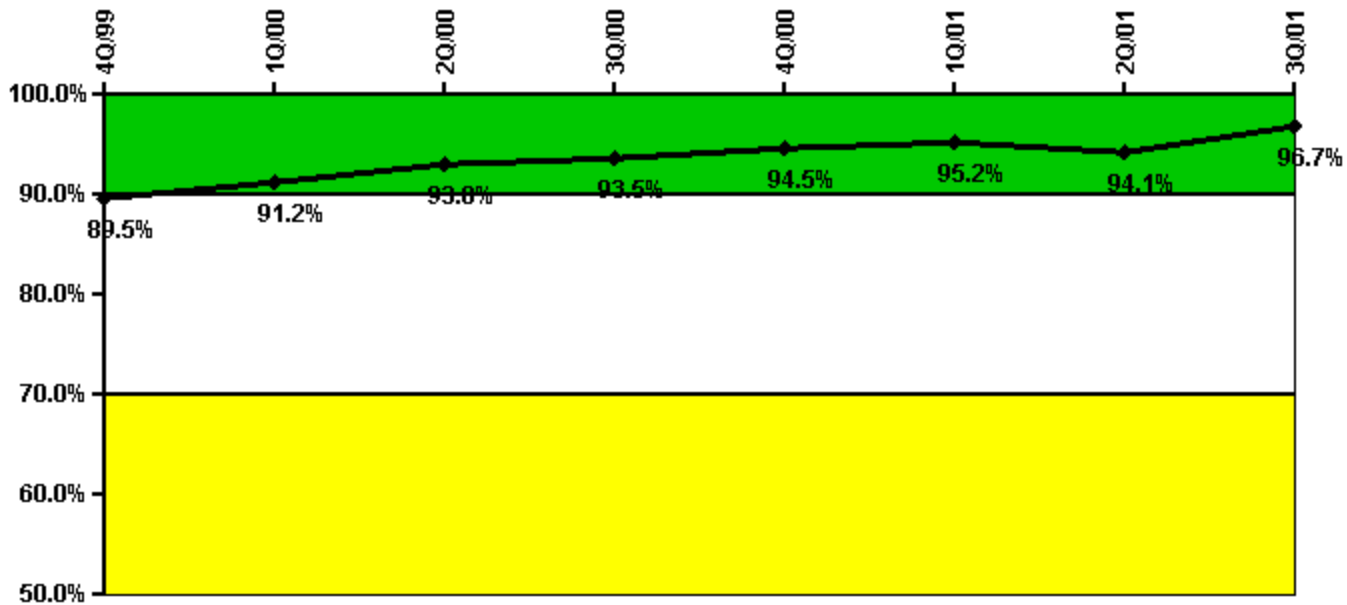
Notes

| Reactor Coolant System Leakage | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|--------------------------------|-------|-------|-------|-------|---------|------|------|------|------|------|------|------|
| Maximum leakage | 0.300 | 0.300 | 0.100 | 0.100 | 109.000 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 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 | 3.0 | 1.0 | 1.0 | 1090.0 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

| Reactor Coolant System Leakage | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | N/A | N/A | 0 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.200 | 0.200 | 0.200 | 0.200 |
| 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 | N/A | N/A | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

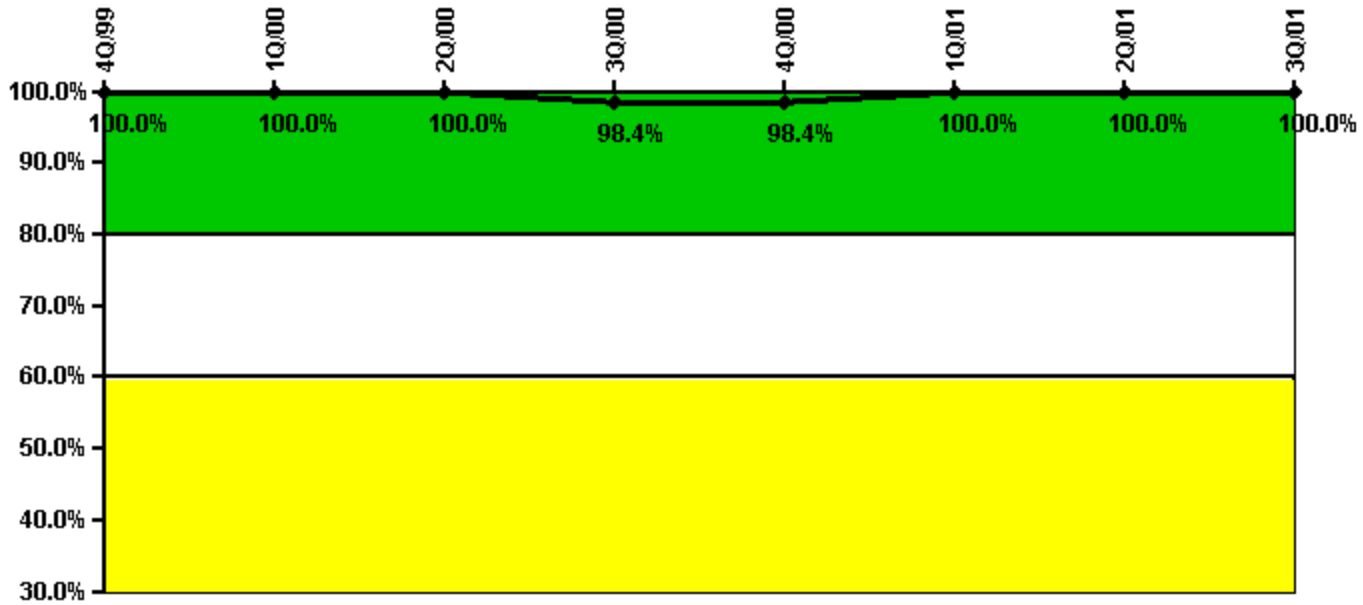
Notes

| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 28.0 | 29.0 | 30.0 | 9.0 | 13.0 | 28.0 | 15.0 | 26.0 |
| Total opportunities | 28.0 | 30.0 | 30.0 | 9.0 | 14.0 | 29.0 | 18.0 | 26.0 |
| | | | | | | | | |
| Indicator value | 89.5% | 91.2% | 93.0% | 93.5% | 94.5% | 95.2% | 94.1% | 96.7% |

Licensee Comments:

3Q/01: Reported on 10/3/01 for Q3/2001 as 8 opportunities and 8 successes. The revised information increases the Q3/2001 report quantities by 18 to a total of 26 in each category as they were conducted in the 3rd Quarter, 2001 and not reported at that time. There was no effect on the color of the indicator previously reported using the original data.

ERO Drill Participation



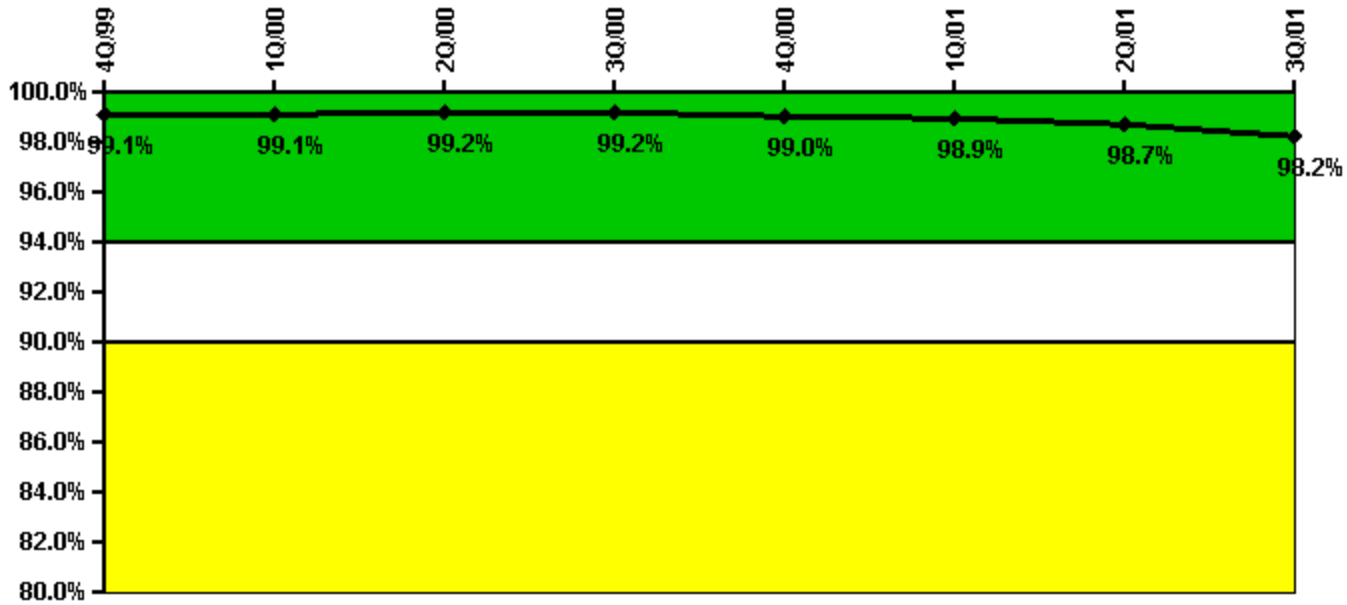
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|-----------------------------|--------|--------|--------|-------|-------|--------|--------|--------|
| Participating Key personnel | 63.0 | 62.0 | 67.0 | 63.0 | 62.0 | 48.0 | 48.0 | 45.0 |
| Total Key personnel | 63.0 | 62.0 | 67.0 | 64.0 | 63.0 | 48.0 | 48.0 | 45.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 98.4% | 98.4% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



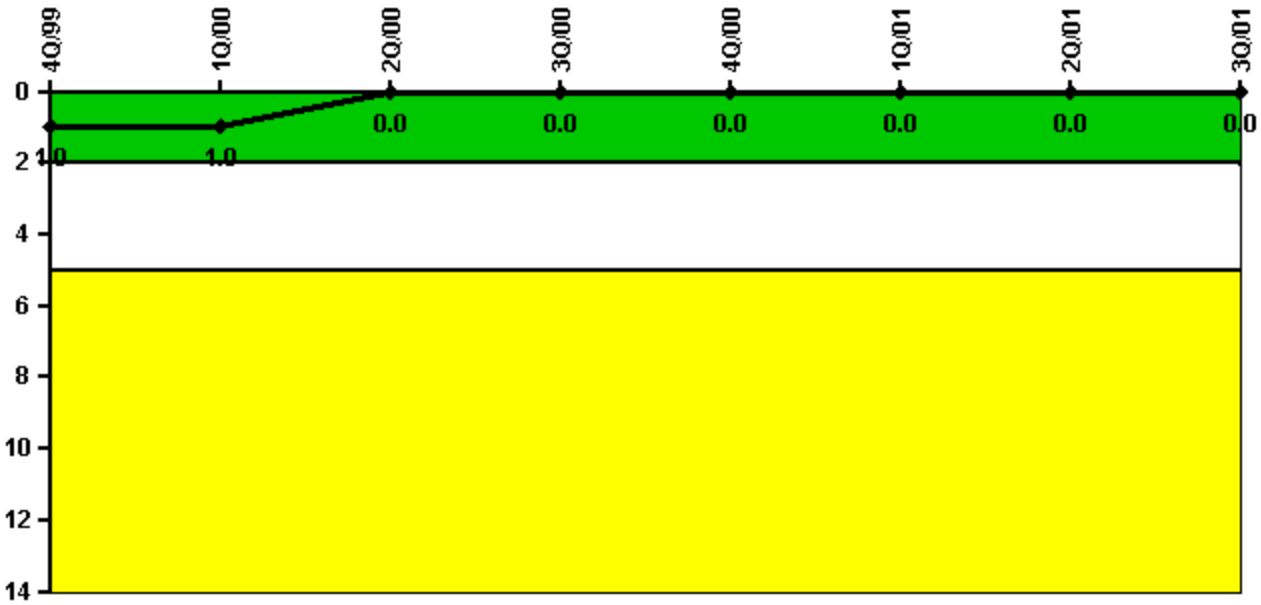
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1217 | 920 | 1225 | 914 | 906 | 1069 | 1062 | 997 |
| Total sirens-tests | 1232 | 924 | 1232 | 924 | 924 | 1078 | 1078 | 1029 |
| | | | | | | | | |
| Indicator value | 99.1% | 99.1% | 99.2% | 99.2% | 99.0% | 98.9% | 98.7% | 98.2% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



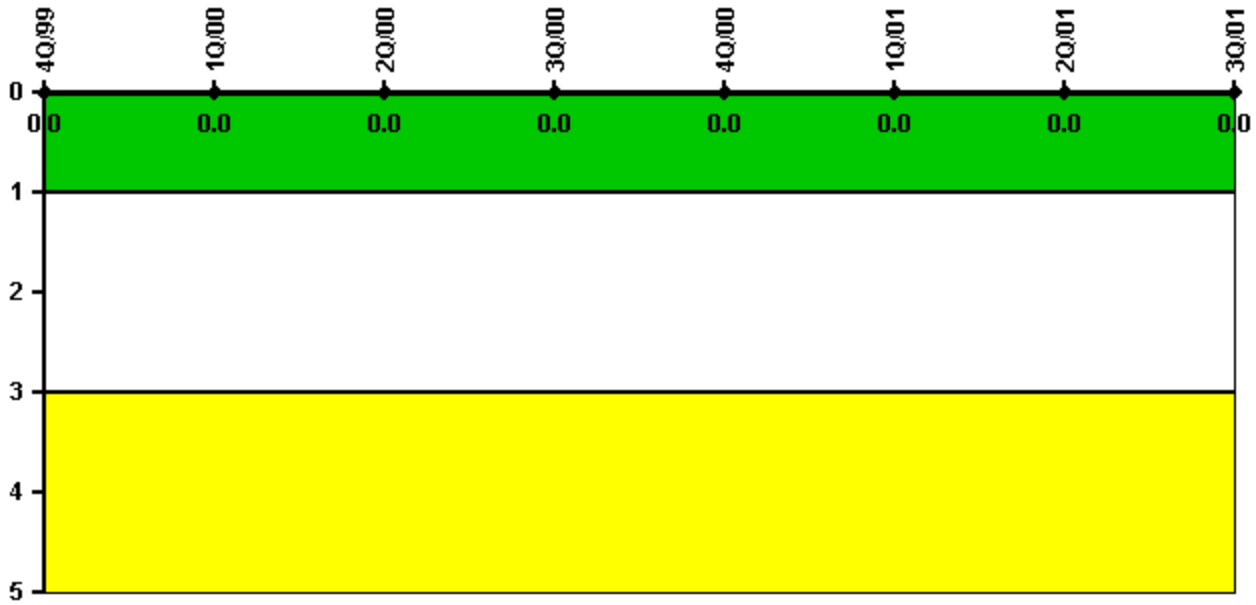
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Very high radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unintended exposure occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



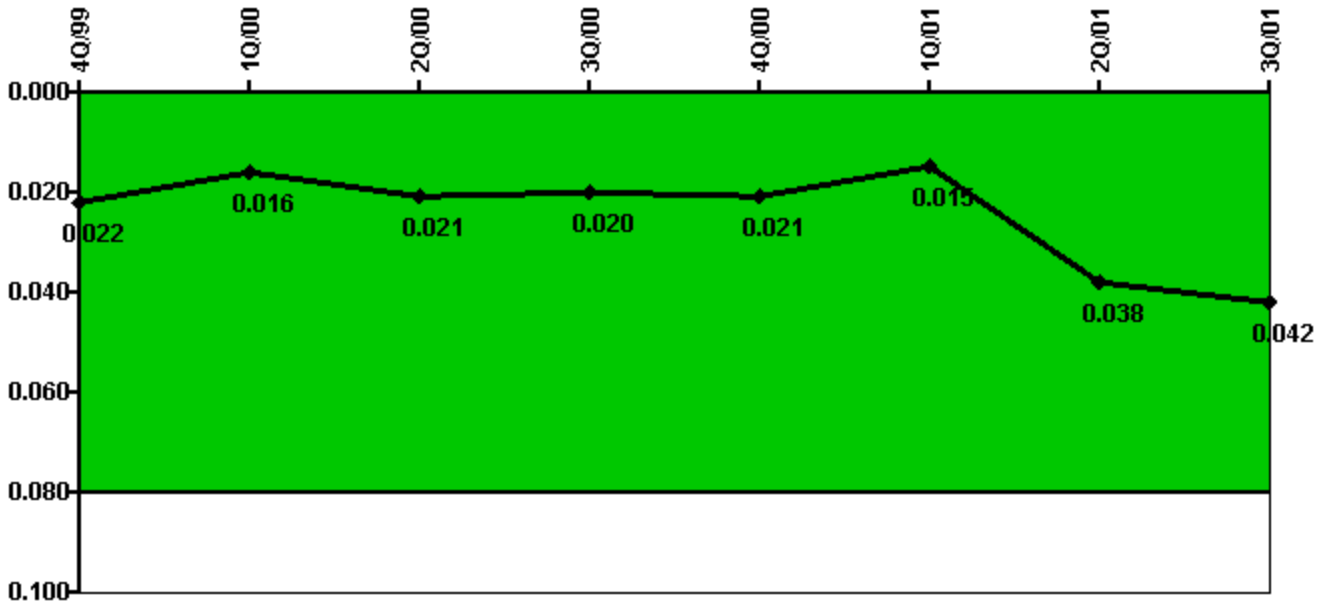
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



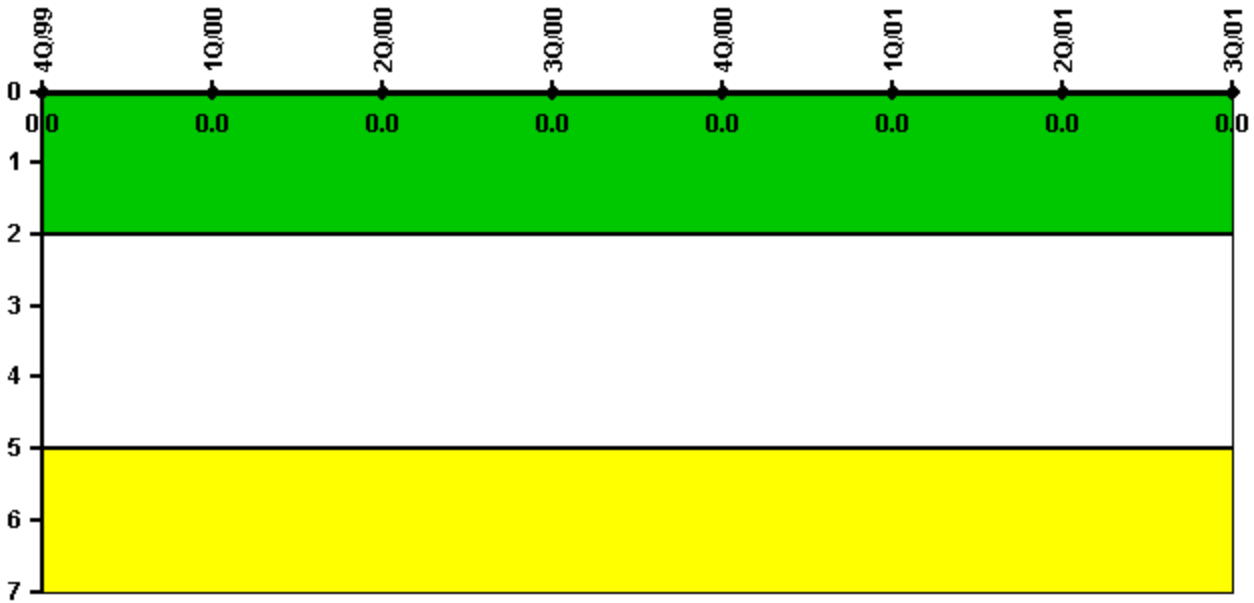
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 10.25 | 0 | 90.82 | 41.35 | 75.92 | 7.49 | 238.12 | 114.83 |
| CCTV compensatory hours | 56.5 | 135.7 | 0.6 | 26.7 | 6.3 | 21.0 | 285.2 | 25.8 |
| IDS normalization factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| CCTV normalization factor | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| | | | | | | | | |
| Index Value | 0.022 | 0.016 | 0.021 | 0.020 | 0.021 | 0.015 | 0.038 | 0.042 |

Licensee Comments: none

Personnel Screening Program



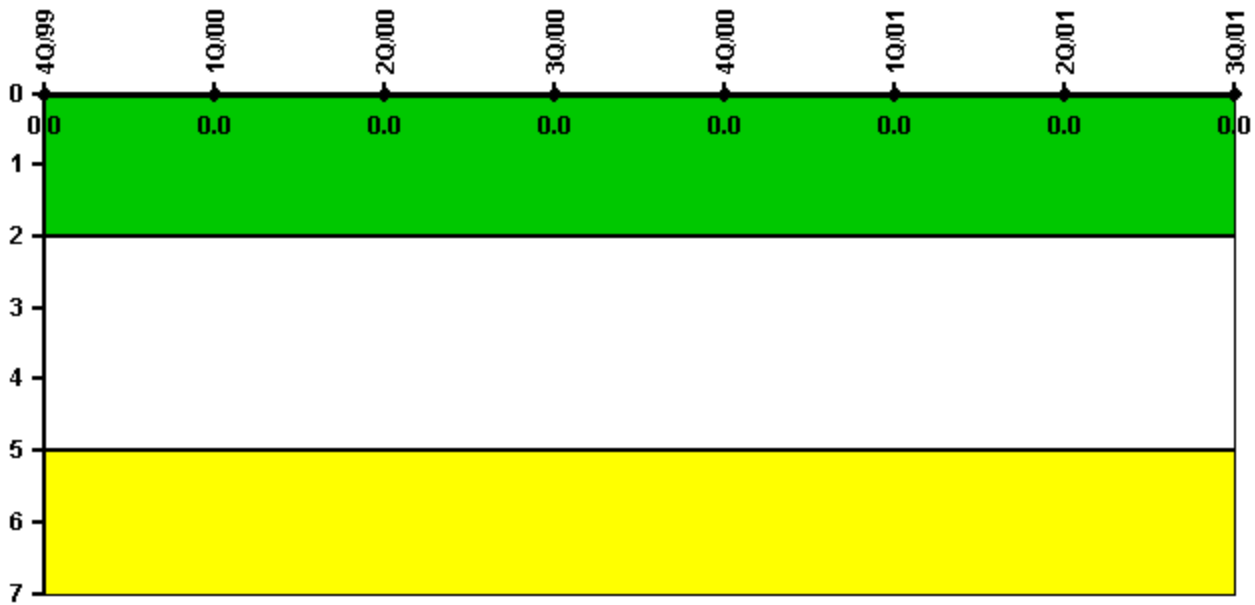
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 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 | 1Q/01 | 2Q/01 | 3Q/01 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

Last Modified: March 26, 2002