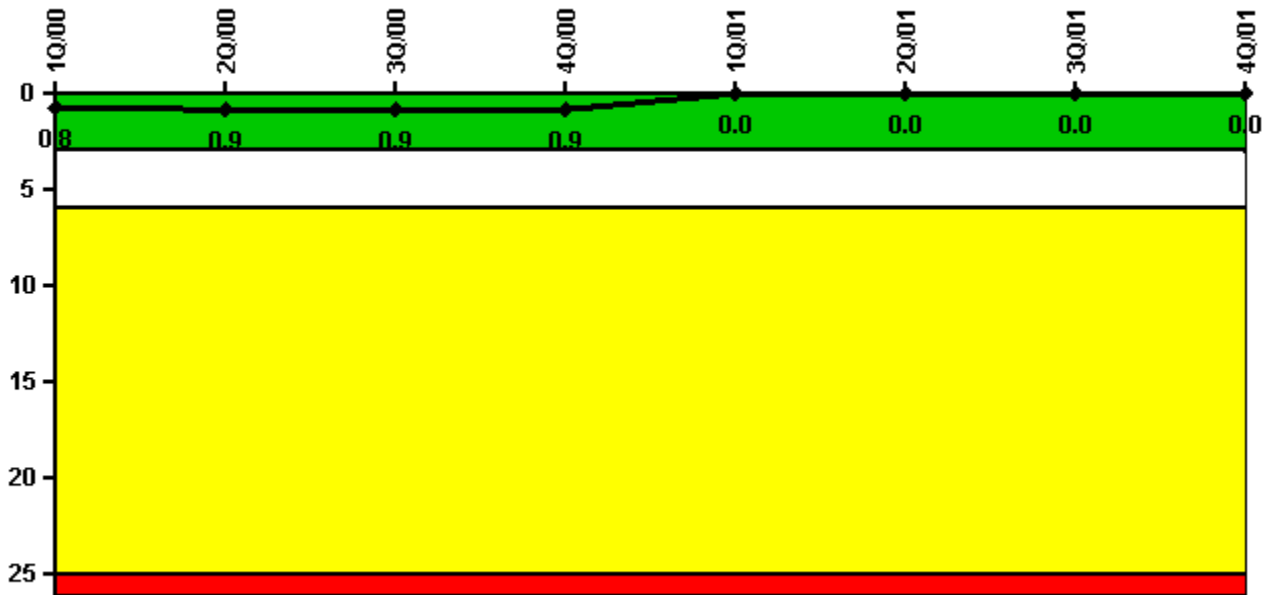


Oconee 3

4Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



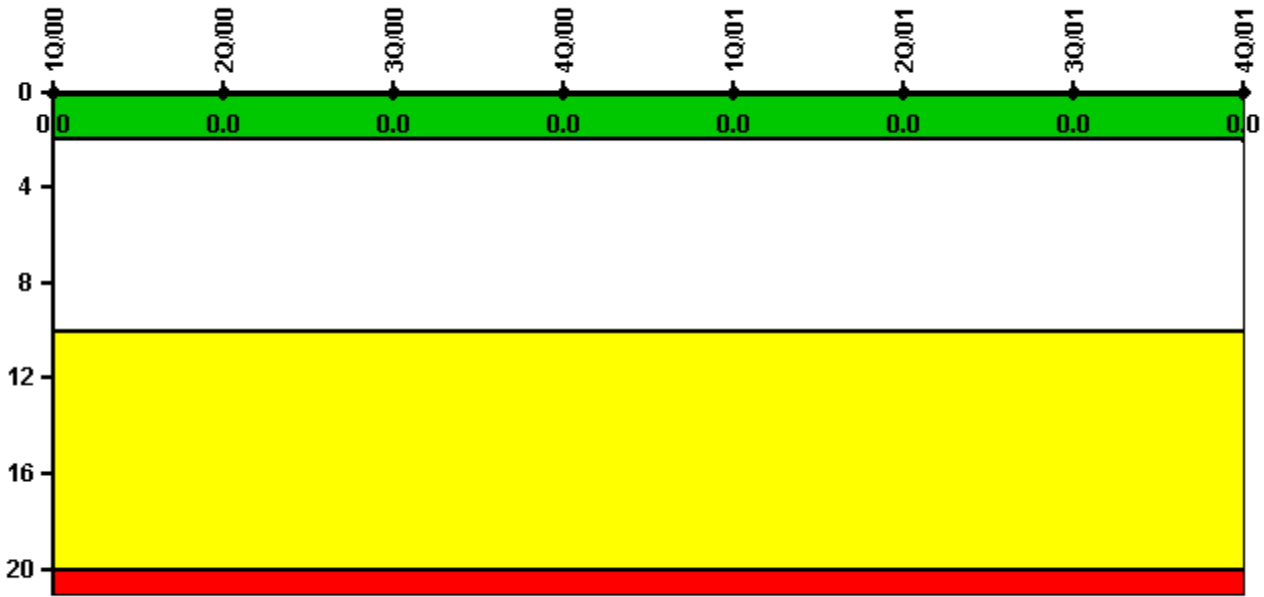
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/00  | 2Q/00  | 3Q/00  | 4Q/00  | 1Q/01  | 2Q/01  | 3Q/01  | 4Q/01  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 1.0    | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 2155.0 | 1322.7 | 2208.0 | 2209.0 | 1129.7 | 1653.8 | 2208.0 | 1419.6 |
|  |        |        |        |        |        |        |        |        |
| Indicator value                        | 0.8    | 0.9    | 0.9    | 0.9    | 0      | 0      | 0      | 0      |

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



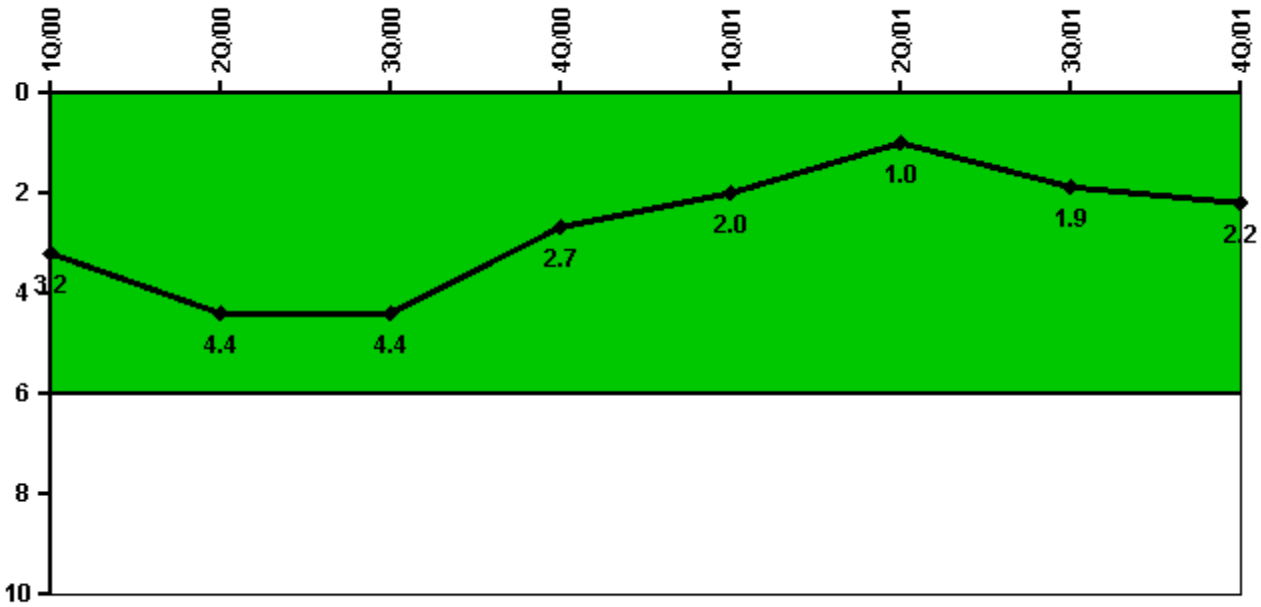
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

### Notes

| Scrams with Loss of Normal Heat Removal | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 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/00  | 2Q/00  | 3Q/00  | 4Q/00  | 1Q/01  | 2Q/01  | 3Q/01  | 4Q/01  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 1.0    | 2.0    | 0      | 0      | 0      | 1.0    | 1.0    | 0      |
| Critical hours                                | 2155.0 | 1322.7 | 2208.0 | 2209.0 | 1129.7 | 1653.8 | 2208.0 | 1419.6 |
| Indicator value                               | 3.2    | 4.4    | 4.4    | 2.7    | 2.0    | 1.0    | 1.9    | 2.2    |

Licensee Comments: none

**Safety System Unavailability, HEG**

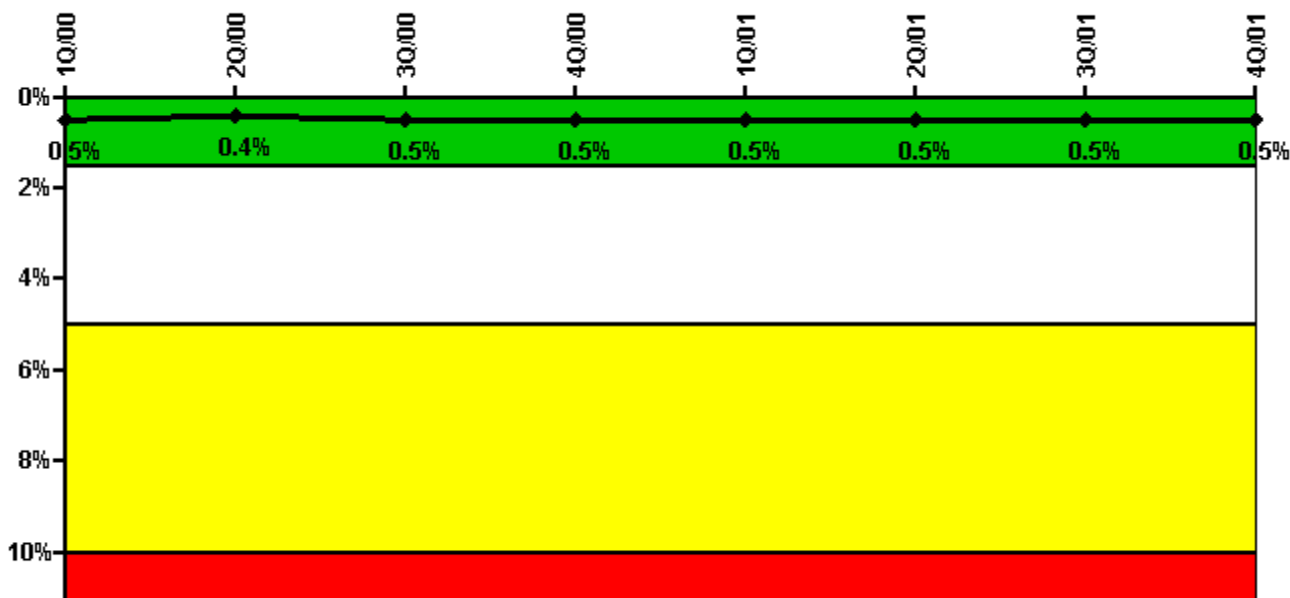
**Thresholds  
under  
development /  
review**

**Notes**

| Safety System Unavailability, HEG | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       |
|-----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>                    |             |             |             |             |             |             |             |             |
| Planned unavailable hours         | 70.21       | 101.71      | 33.23       | 111.97      | 31.81       | 27.75       | 88.28       | 38.17       |
| Unplanned unavailable hours       | 45.46       | 0           | 0           | 0           | 0           | 0           | 50.40       | 0           |
| Fault exposure hours              | 0           | 0           | 0           | 0           | 0           | 0           | 14.26       | 0           |
| Effective Reset hours             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours                    | 2184.00     | 1228.65     | 2208.00     | 2208.00     | 1128.53     | 1675.80     | 2208.00     | 2209.00     |
| <b>Train 2</b>                    |             |             |             |             |             |             |             |             |
| Planned unavailable hours         | 56.88       | 15.42       | 64.77       | 0.95        | 0           | 0           | 0           | 4.87        |
| 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                    | 2184.00     | 1228.65     | 2208.00     | 2208.00     | 1128.53     | 1675.80     | 2208.00     | 2209.00     |
|                                   |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>            | <b>2.2%</b> | <b>2.1%</b> | <b>2.0%</b> | <b>2.1%</b> | <b>2.0%</b> | <b>2.1%</b> | <b>2.3%</b> | <b>2.4%</b> |

Licensee Comments: none

### Safety System Unavailability, High Pressure Injection System (HPSI)



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

#### Notes

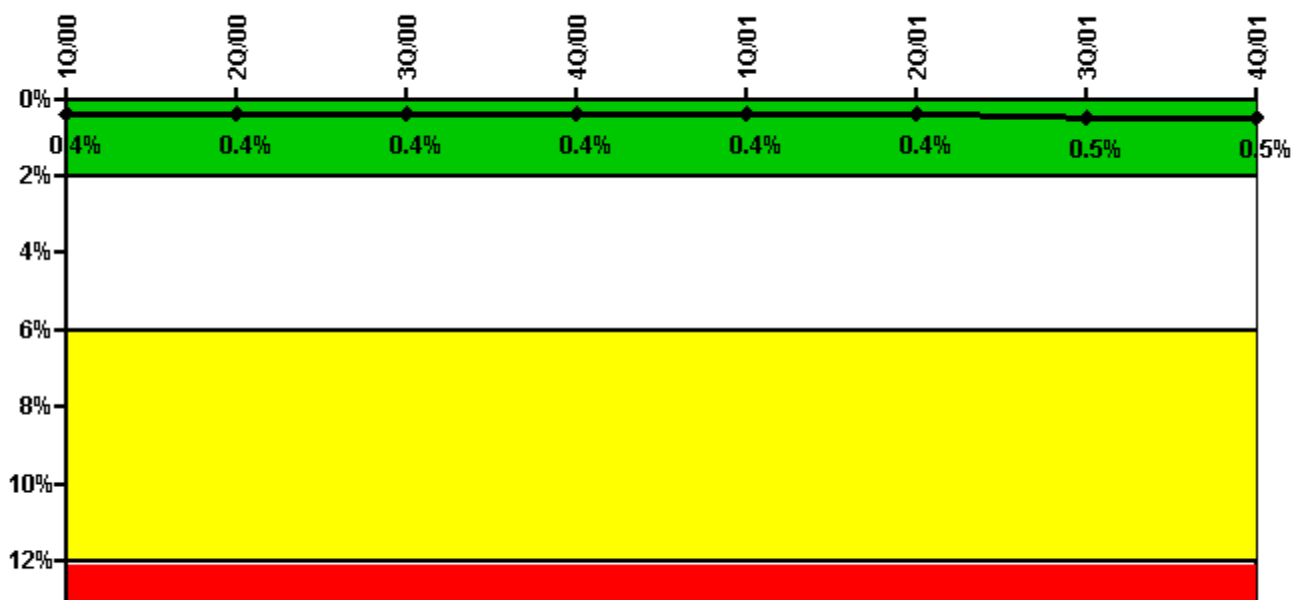
| Safety System Unavailability, High Pressure Injection System (HPSI) | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 19.91       | 5.09        | 10.91       | 11.18       | 0.22        | 7.53        | 9.74        | 4.05        |
| Unplanned unavailable hours   | 0           | 0           | 0           | 0           | 19.28       | 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  | 2184.00     | 1380.00     | 2208.00     | 2208.00     | 1135.00     | 1657.00     | 2208.00     | 1460.75     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 24.12       | 7.39        | 14.31       | 14.32       | 0.68        | 13.53       | 7.20        | 6.10        |
| 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  | 2184.00     | 1380.00     | 2208.00     | 2208.00     | 1135.00     | 1657.00     | 2208.00     | 1460.75     |
|   |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>  | <b>0.5%</b> | <b>0.4%</b> | <b>0.5%</b> | <b>0.5%</b> | <b>0.5%</b> | <b>0.5%</b> | <b>0.5%</b> | <b>0.5%</b> |

Licensee Comments: none

Effective Reset Comments:

2Q/98: This revision is for resetting the fault exposure hours per NEI 99-02 r. 2

### Safety System Unavailability, Heat Removal System (AFW)



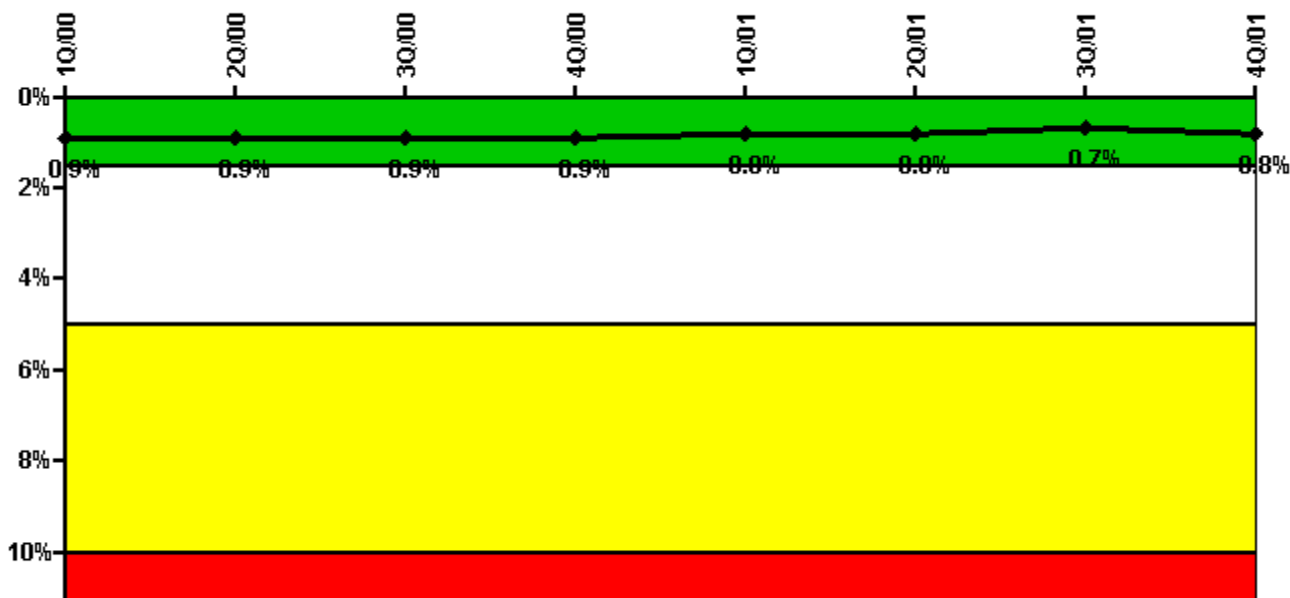
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

#### Notes

| Safety System Unavailability, Heat Removal System (AFW) | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 5.80        | 6.50        | 2.50        | 11.70       | 0           | 0           | 1.80        | 18.20       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 31.30       | 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  | 2184.00     | 1398.00     | 2208.00     | 2208.00     | 1141.00     | 1641.00     | 2208.00     | 1499.10     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 8.40        | 9.30        | 2.20        | 11.22       | 0           | 13.50       | 3.60        | 9.10        |
| 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  | 2184.00     | 1398.00     | 2208.00     | 2208.00     | 1141.00     | 1641.00     | 2208.00     | 1499.10     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 16.67       | 15.00       | 4.00        | 23.00       | 0           | 2.20        | 21.60       | 16.75       |
| 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  | 2184.00     | 1398.00     | 2208.00     | 2208.00     | 1141.00     | 1641.00     | 2208.00     | 1499.10     |
| <b>Indicator value</b>                                  | <b>0.4%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.5%</b> | <b>0.5%</b> |

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



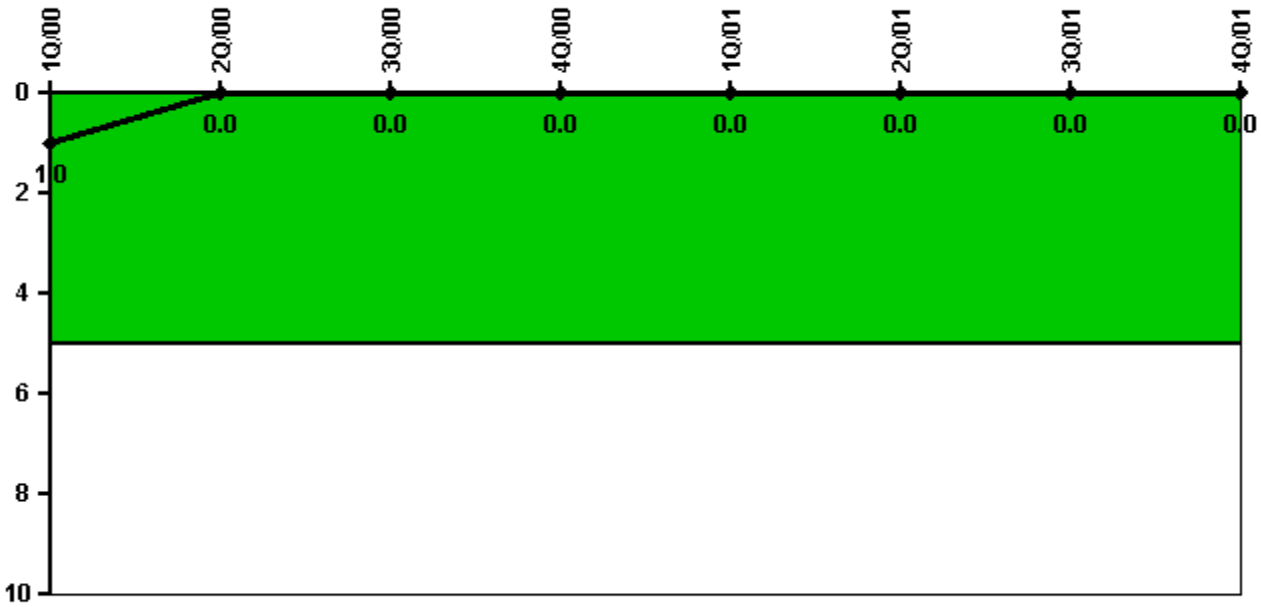
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

| Safety System Unavailability, Residual Heat Removal System | 1Q/00       | 2Q/00       | 3Q/00       | 4Q/00       | 1Q/01       | 2Q/01       | 3Q/01       | 4Q/01       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 15.36       | 14.30       | 17.00       | 4.74        | 0.60        | 12.70       | 19.10       | 14.90       |
| 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   | 2184.00     | 1897.45     | 2208.00     | 2208.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 27.38       | 12.10       | 12.20       | 14.98       | 0.60        | 11.80       | 16.30       | 15.70       |
| 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   | 2184.00     | 1897.45     | 2208.00     | 2208.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
|  |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>                                     | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.7%</b> | <b>0.8%</b> |

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

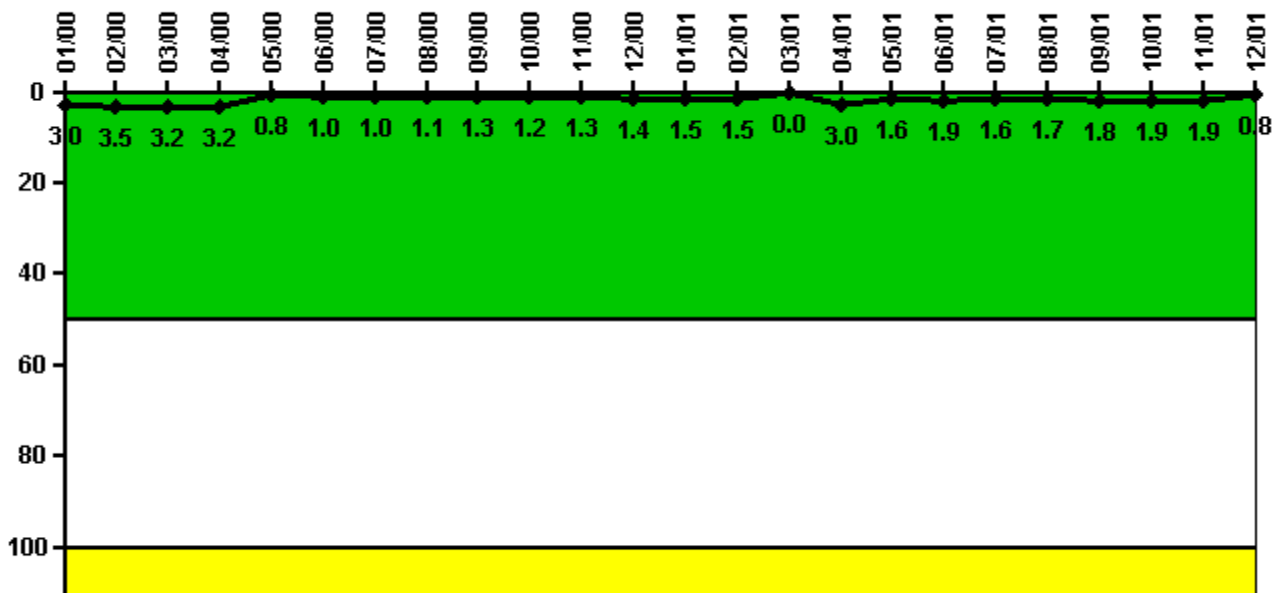
#### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

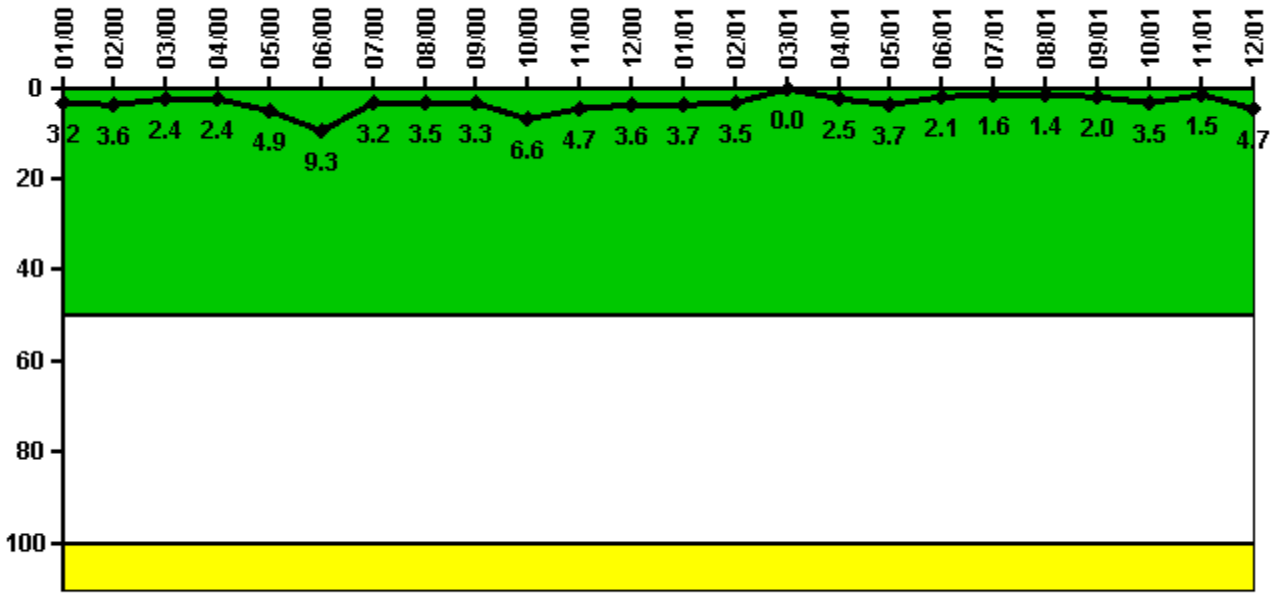
| Reactor Coolant System Activity | 1/00     | 2/00     | 3/00     | 4/00     | 5/00     | 6/00     | 7/00     | 8/00     | 9/00     | 10/00    | 11/00    | 12/00    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.029900 | 0.034830 | 0.031580 | 0.031710 | 0.007554 | 0.009833 | 0.010290 | 0.010930 | 0.012900 | 0.012200 | 0.013000 | 0.014100 |
| 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                 | 3.0      | 3.5      | 3.2      | 3.2      | 0.8      | 1.0      | 1.0      | 1.1      | 1.3      | 1.2      | 1.3      | 1.4      |

| Reactor Coolant System Activity | 1/01     | 2/01     | 3/01 | 4/01     | 5/01     | 6/01     | 7/01     | 8/01     | 9/01     | 10/01    | 11/01    | 12/01    |
|---------------------------------|----------|----------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.014600 | 0.014700 | 0    | 0.030000 | 0.016000 | 0.019000 | 0.016200 | 0.017200 | 0.018400 | 0.018900 | 0.018900 | 0.007600 |
| 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                 | 1.5      | 1.5      | 0    | 3.0      | 1.6      | 1.9      | 1.6      | 1.7      | 1.8      | 1.9      | 1.9      | 0.8      |

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

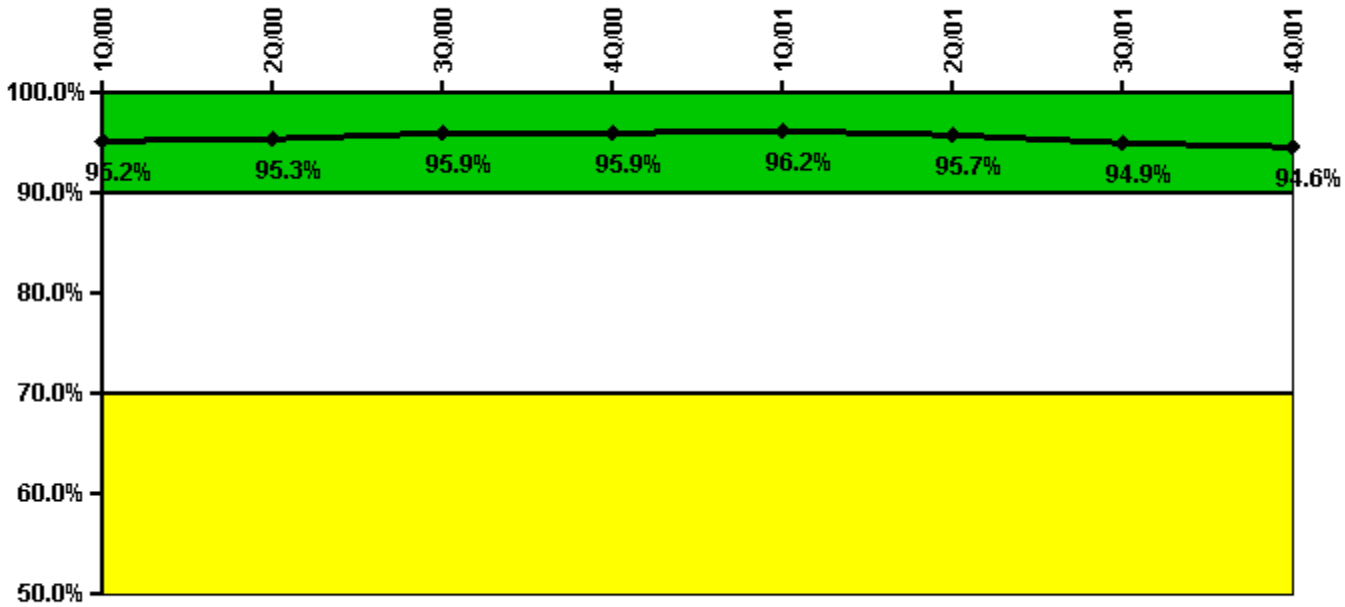
| Reactor Coolant System Leakage | 1/00  | 2/00  | 3/00  | 4/00  | 5/00  | 6/00  | 7/00  | 8/00  | 9/00  | 10/00 | 11/00 | 12/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 0.320 | 0.360 | 0.240 | 0.240 | 0.490 | 0.930 | 0.320 | 0.350 | 0.330 | 0.660 | 0.470 | 0.360 |
| 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                | 3.2   | 3.6   | 2.4   | 2.4   | 4.9   | 9.3   | 3.2   | 3.5   | 3.3   | 6.6   | 4.7   | 3.6   |

| Reactor Coolant System Leakage | 1/01  | 2/01  | 3/01 | 4/01  | 5/01  | 6/01  | 7/01  | 8/01  | 9/01  | 10/01 | 11/01 | 12/01 |
|--------------------------------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 0.370 | 0.350 | 0    | 0.250 | 0.370 | 0.210 | 0.160 | 0.140 | 0.200 | 0.350 | 0.150 | 0.470 |
| 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                | 3.7   | 3.5   | 0    | 2.5   | 3.7   | 2.1   | 1.6   | 1.4   | 2.0   | 3.5   | 1.5   | 4.7   |

Licensee Comments: none

### Drill/Exercise Performance



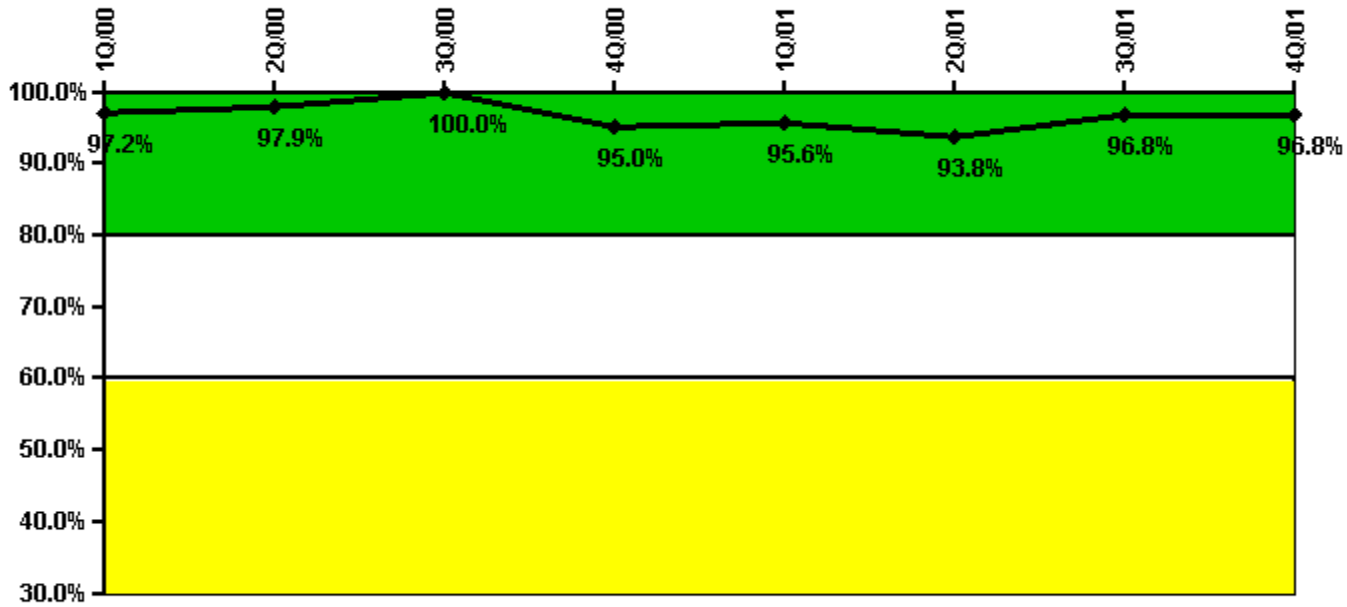
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

| Drill/Exercise Performance | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 19.0  | 71.0  | 17.0  | 38.0  | 22.0  | 23.0  | 48.0  | 9.0   |
| Total opportunities        | 22.0  | 74.0  | 17.0  | 39.0  | 22.0  | 25.0  | 52.0  | 10.0  |
|                            |       |       |       |       |       |       |       |       |
| Indicator value            | 95.2% | 95.3% | 95.9% | 95.9% | 96.2% | 95.7% | 94.9% | 94.6% |

Licensee Comments: none

### ERO Drill Participation



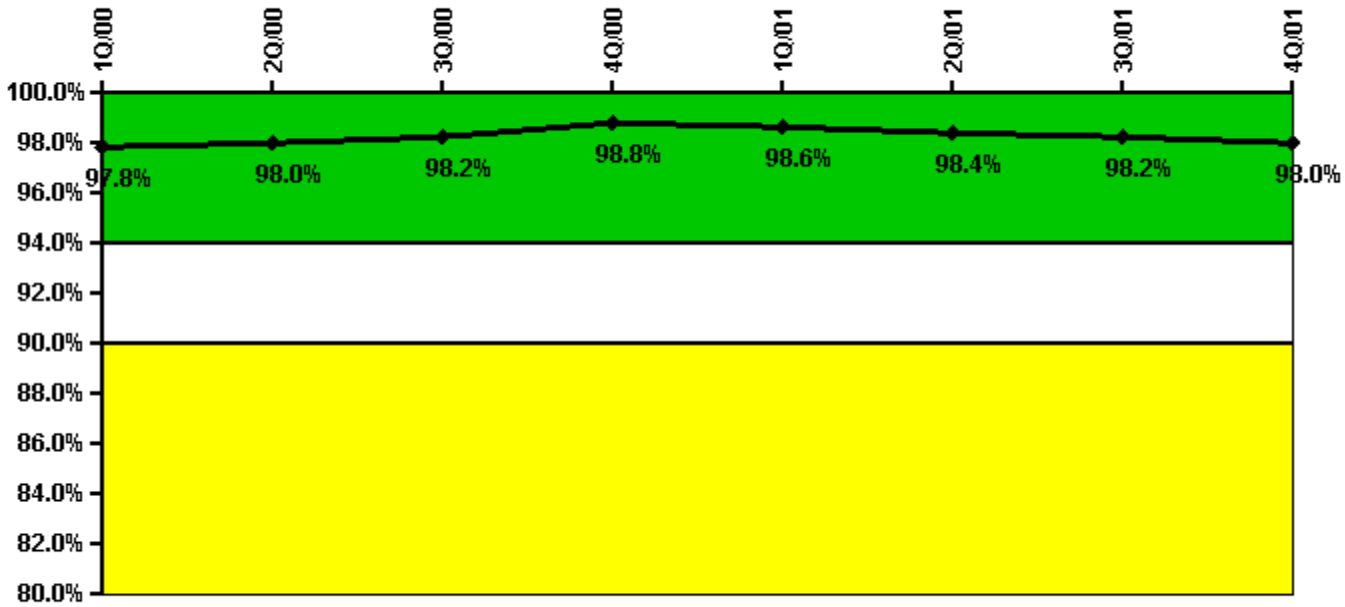
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 1Q/00 | 2Q/00 | 3Q/00  | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|-----------------------------|-------|-------|--------|-------|-------|-------|-------|-------|
| Participating Key personnel | 138.0 | 137.0 | 138.0  | 132.0 | 131.0 | 135.0 | 150.0 | 150.0 |
| Total Key personnel         | 142.0 | 140.0 | 138.0  | 139.0 | 137.0 | 144.0 | 155.0 | 155.0 |
|                             |       |       |        |       |       |       |       |       |
| Indicator value             | 97.2% | 97.9% | 100.0% | 95.0% | 95.6% | 93.8% | 96.8% | 96.8% |

Licensee Comments: none

### Alert & Notification System



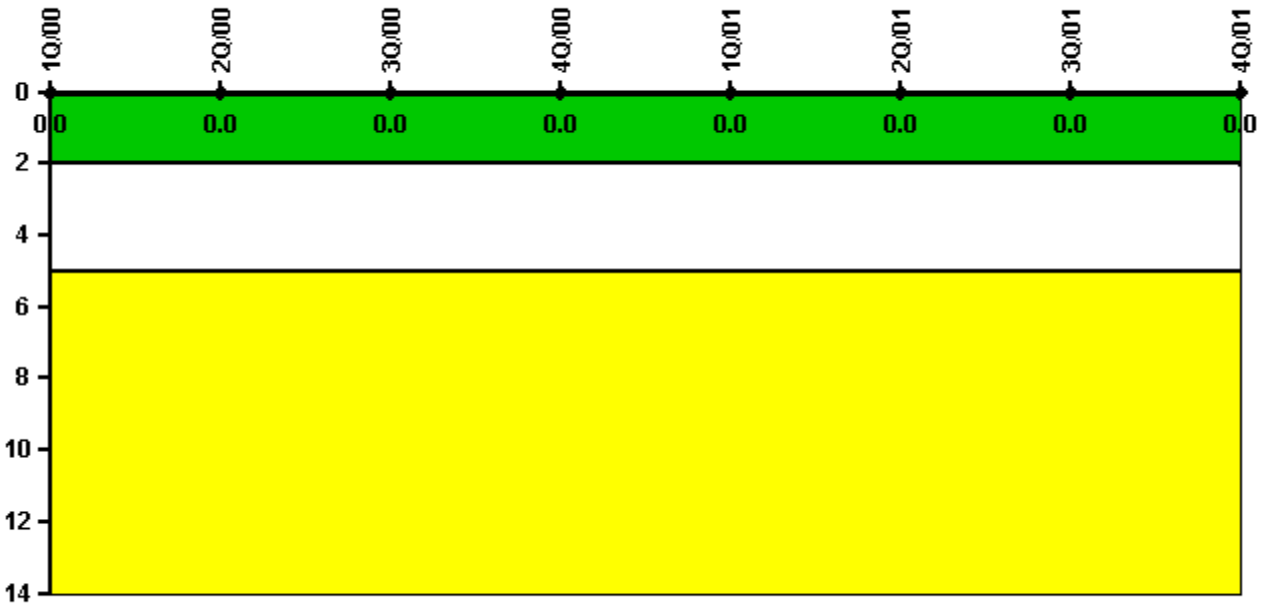
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 1256  | 1205  | 1194  | 1320  | 1304  | 1246  | 1084  | 1154  |
| Total sirens-tests          | 1267  | 1225  | 1211  | 1330  | 1330  | 1275  | 1108  | 1172  |
|                             |       |       |       |       |       |       |       |       |
| Indicator value             | 97.8% | 98.0% | 98.2% | 98.8% | 98.6% | 98.4% | 98.2% | 98.0% |

Licensee Comments: none

### Occupational Exposure Control Effectiveness



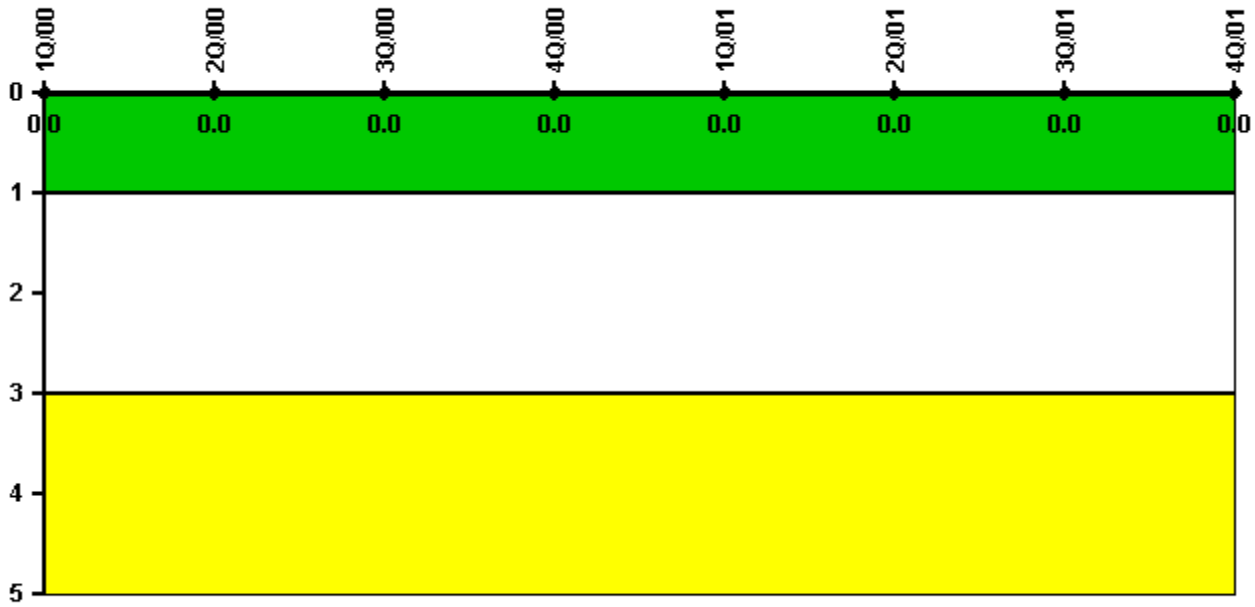
Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 1Q/00    | 2Q/00    | 3Q/00    | 4Q/00    | 1Q/01    | 2Q/01    | 3Q/01    | 4Q/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        |
| <b>Indicator value</b>                      | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

### RETS/ODCM Radiological Effluent



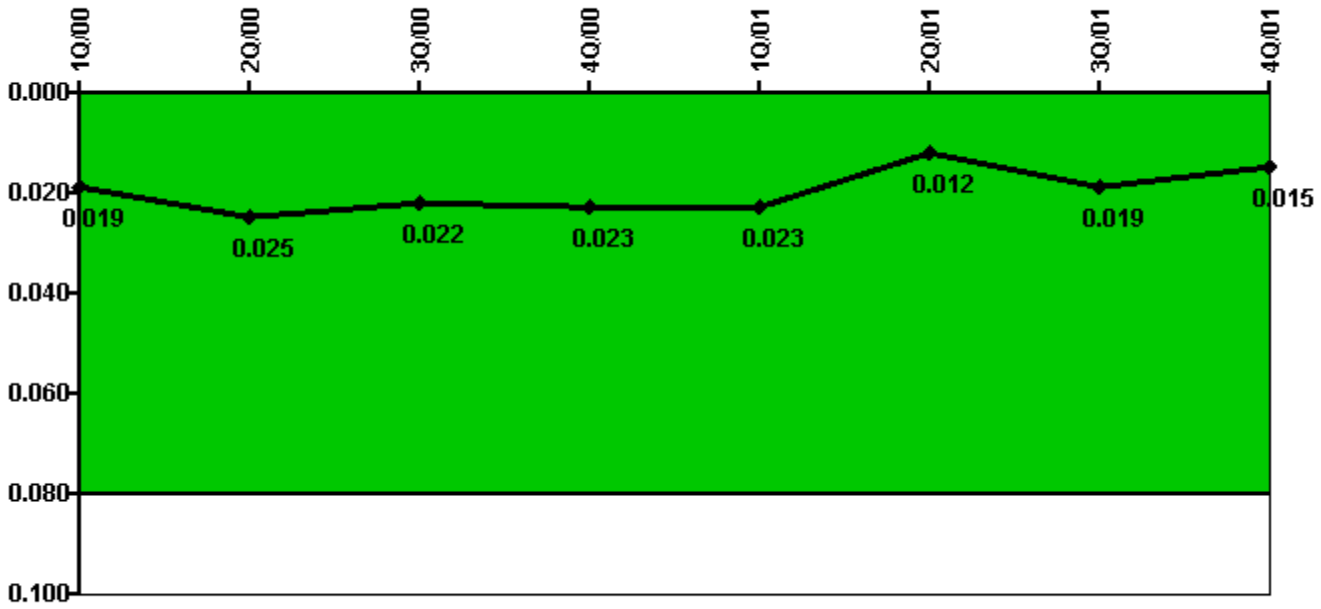
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

| RETS/ODCM Radiological Effluent | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/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

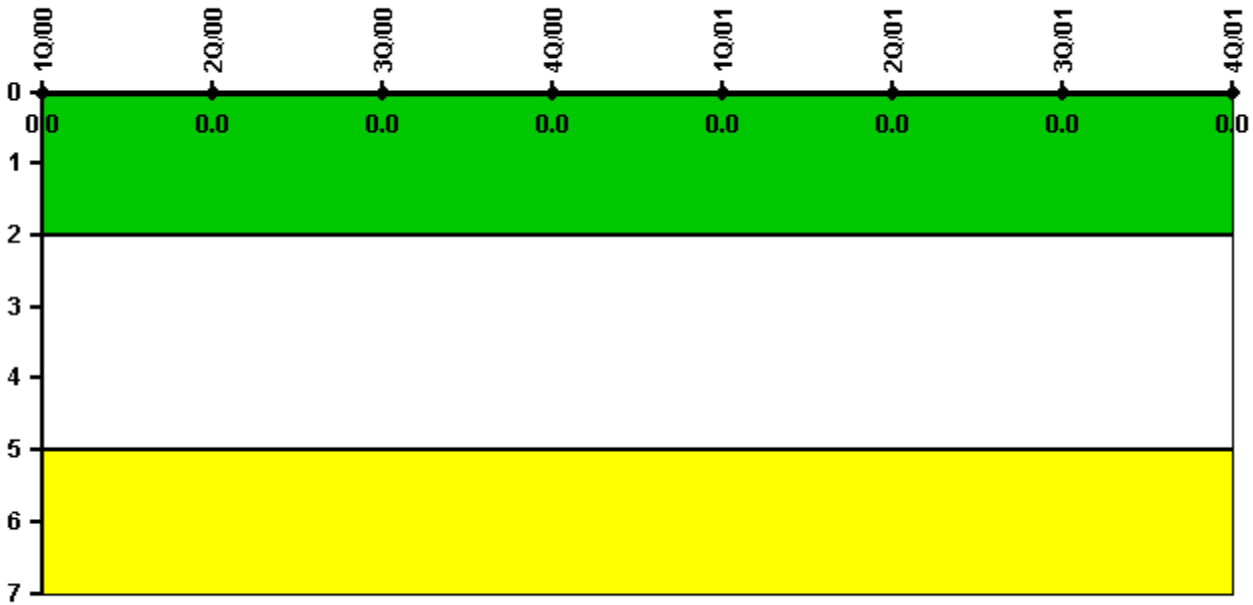
#### Notes

| Protected Area Security Performance Index | 1Q/00        | 2Q/00        | 3Q/00        | 4Q/00        | 1Q/01        | 2Q/01        | 3Q/01        | 4Q/01        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 33.00        | 664.00       | 162.00       | 225.00       | 64.00        | 91.00        | 457.00       | 30.00        |
| CCTV compensatory hours                   | 0            | 1.0          | 8.0          | 0            | 1.0          | 14.0         | 11.0         | 0            |
| IDS normalization factor                  | 2.80         | 2.80         | 2.80         | 2.80         | 2.80         | 2.80         | 2.80         | 2.80         |
| CCTV normalization factor                 | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
|   |              |              |              |              |              |              |              |              |
| <b>Index Value</b>                        | <b>0.019</b> | <b>0.025</b> | <b>0.022</b> | <b>0.023</b> | <b>0.023</b> | <b>0.012</b> | <b>0.019</b> | <b>0.015</b> |

Licensee Comments: none



### Personnel Screening Program



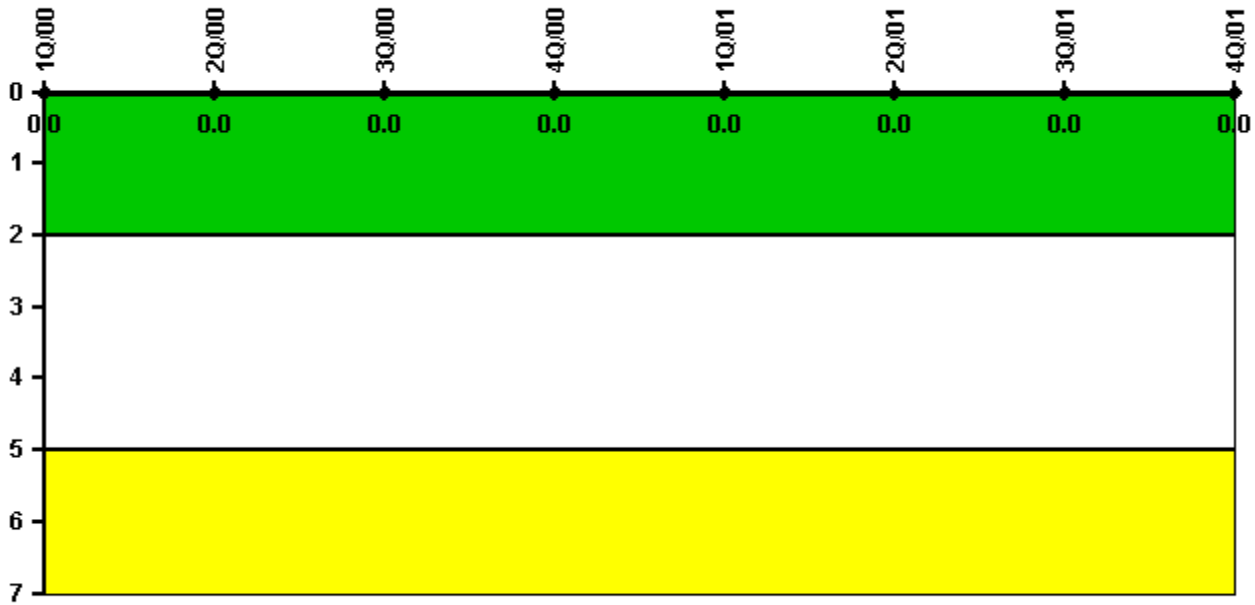
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/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 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/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 15, 2002