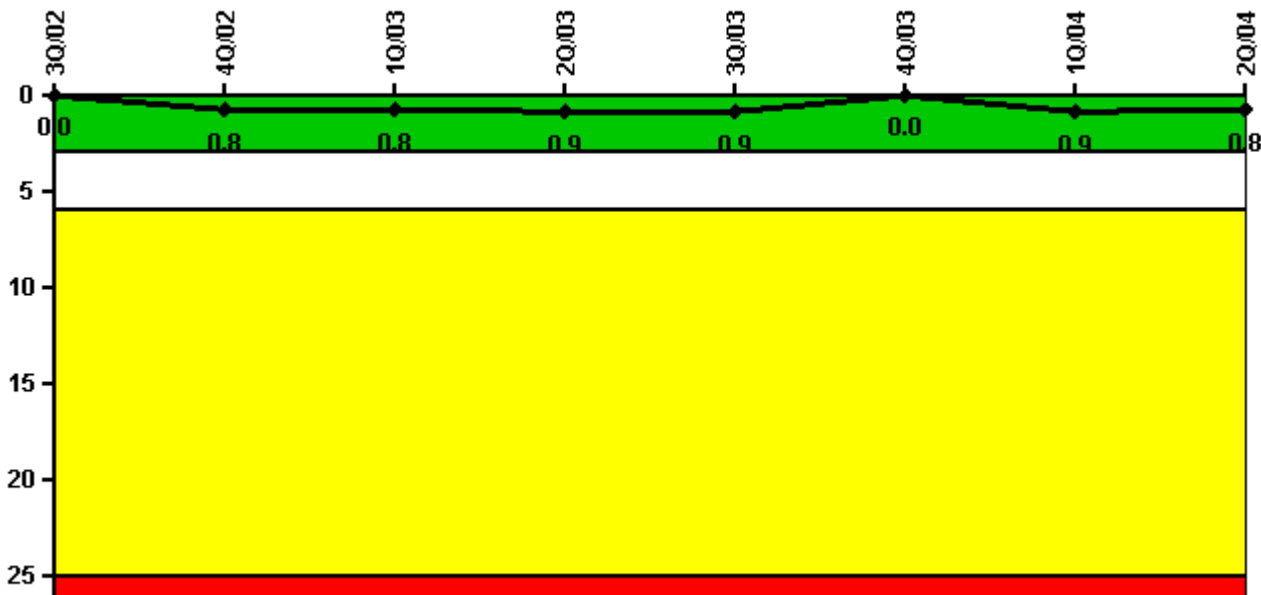


# Oconee 3

## 2Q/2004 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



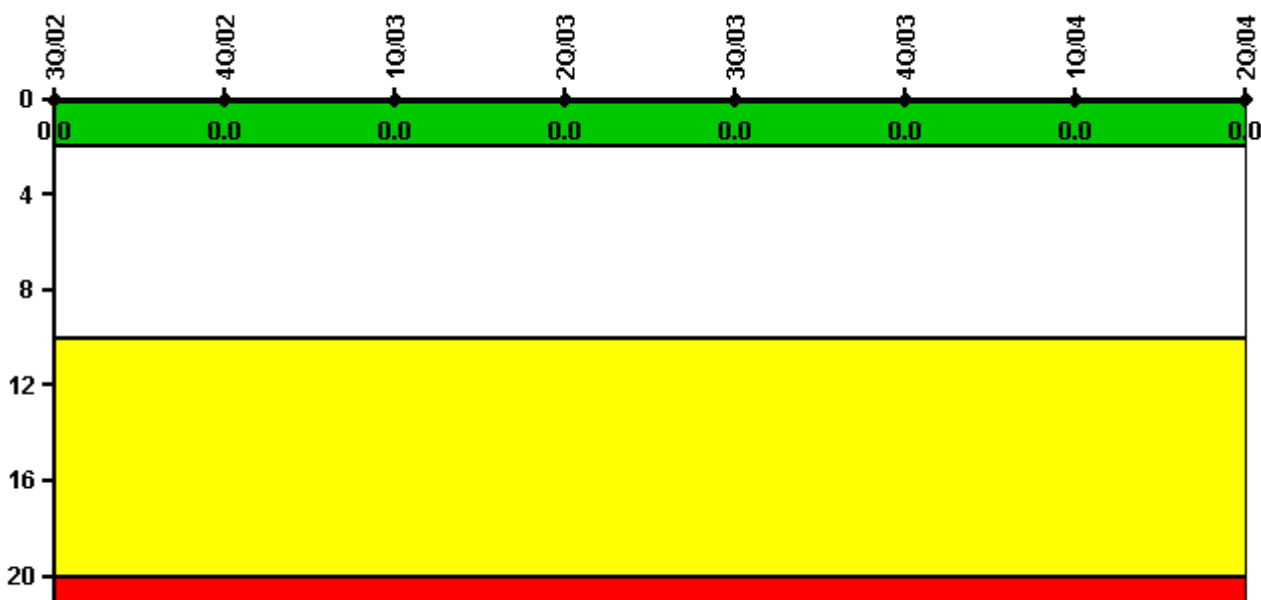
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03 | 3Q/03  | 4Q/03  | 1Q/04  | 2Q/04  |
|--|--------|--------|--------|-------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 1.0    | 0      | 0     | 0      | 0      | 1.0    | 0      |
| Critical hours                         | 2208.0 | 2144.1 | 2160.0 | 989.7 | 2208.0 | 2209.0 | 2149.3 | 2183.0 |
| Indicator value                        | 0      | 0.8    | 0.8    | 0.9   | 0.9    | 0      | 0.9    | 0.8    |

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



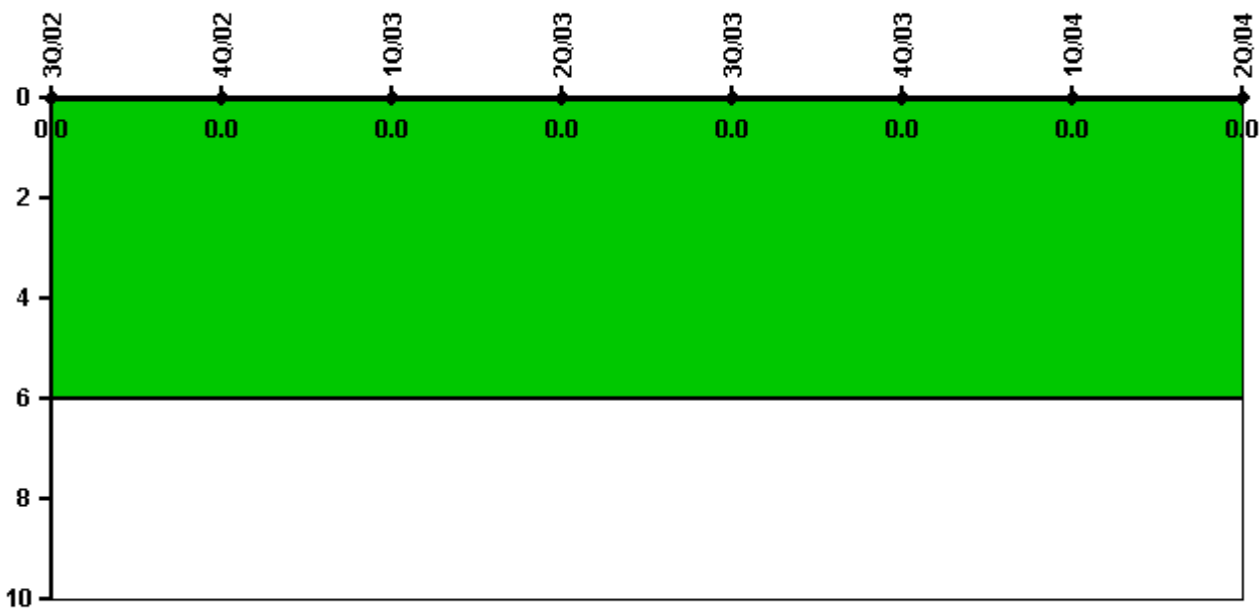
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

| Scrams with Loss of Normal Heat Removal | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| 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



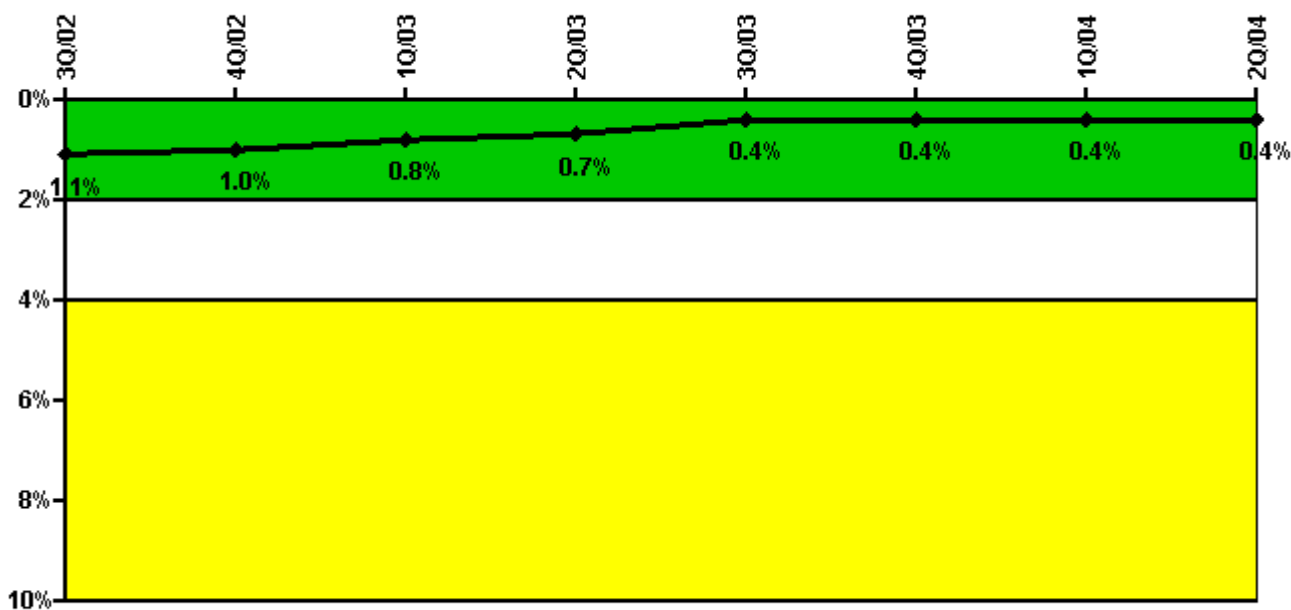
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03 | 3Q/03  | 4Q/03  | 1Q/04  | 2Q/04  |
|---|--------|--------|--------|-------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0     | 0      | 0      | 0      | 0      |
| Critical hours                                | 2208.0 | 2144.1 | 2160.0 | 989.7 | 2208.0 | 2209.0 | 2149.3 | 2183.0 |
| Indicator value                               | 0      | 0      | 0      | 0     | 0      | 0      | 0      | 0      |

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



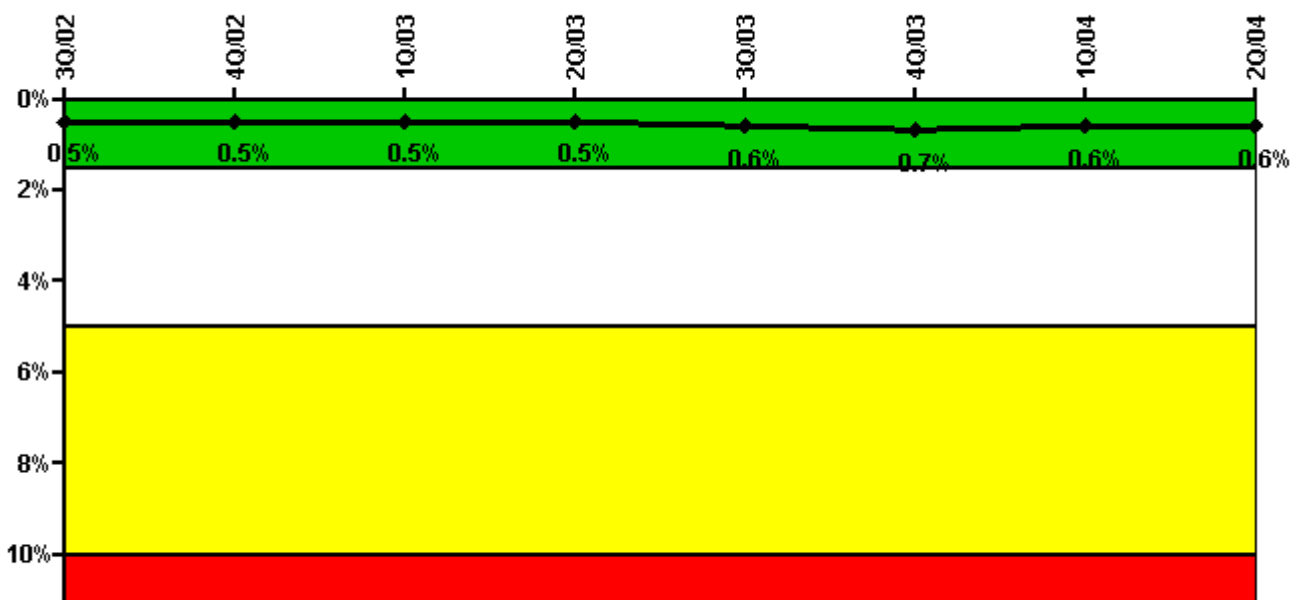
Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

#### Notes

| Safety System Unavailability, Emergency AC Power | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>                                   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                        | 0           | 0           | 10.19       | 0           | 0           | 0.30        | 0           | 0.62        |
| Unplanned unavailable hours                      | 0           | 0           | 0           | 0           | 2.08        | 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                                   | 2208.00     | 2209.00     | 2160.00     | 2098.75     | 2208.00     | 2208.00     | 2184.00     | 2184.00     |
|  |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>                           | <b>1.1%</b> | <b>1.0%</b> | <b>0.8%</b> | <b>0.7%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.4%</b> |

Licensee Comments: none

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



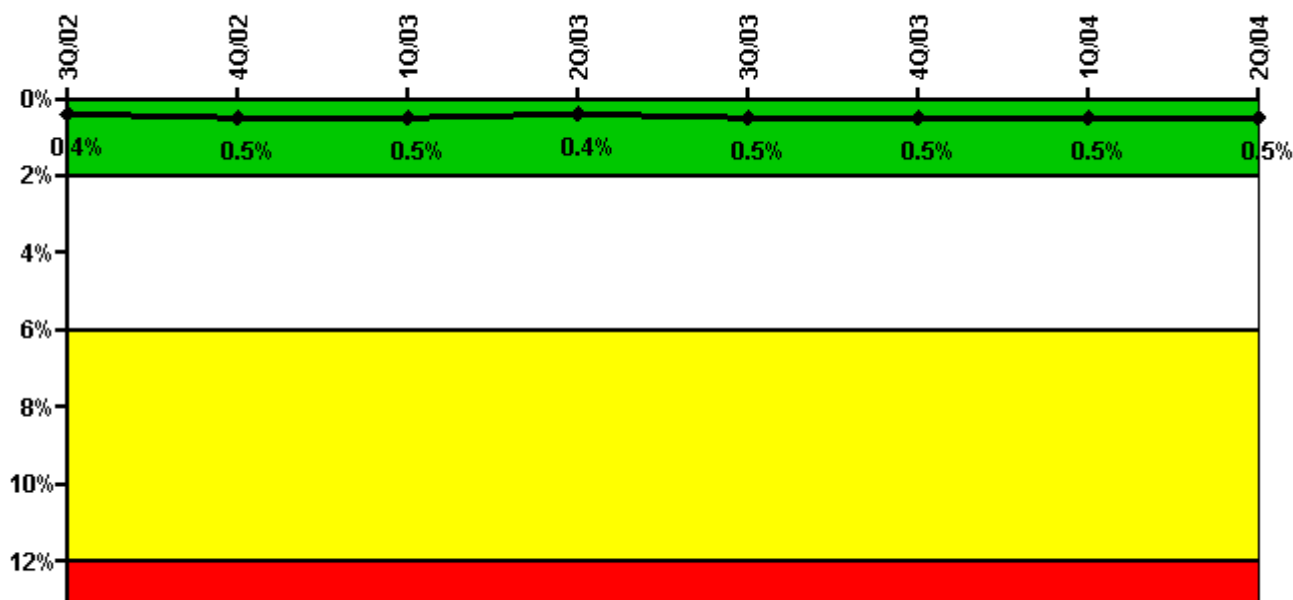
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

| Safety System Unavailability, High Pressure Injection System (HPSI) | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 3.49        | 8.09        | 10.41       | 15.41       | 21.93       | 10.78       | 2.56        | 8.91        |
| Unplanned unavailable hours   | 0.15        | 0           | 0           | 0           | 0           | 25.96       | 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  | 2208.00     | 2209.00     | 2160.00     | 1217.50     | 2208.00     | 2208.00     | 2184.00     | 2183.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 1.13        | 0.69        | 22.60       | 14.34       | 18.34       | 33.53       | 16.50       | 11.37       |
| Unplanned unavailable hours   | 0           | 0           | 1.50        | 0           | 0           | 1.80        | 0.72        | 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     | 2209.00     | 2160.00     | 1217.50     | 2208.00     | 2208.00     | 2184.00     | 2183.00     |
| <b>Indicator value</b>  | <b>0.5%</b> | <b>0.5%</b> | <b>0.5%</b> | <b>0.5%</b> | <b>0.6%</b> | <b>0.7%</b> | <b>0.6%</b> | <b>0.6%</b> |

Licensee Comments: none

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



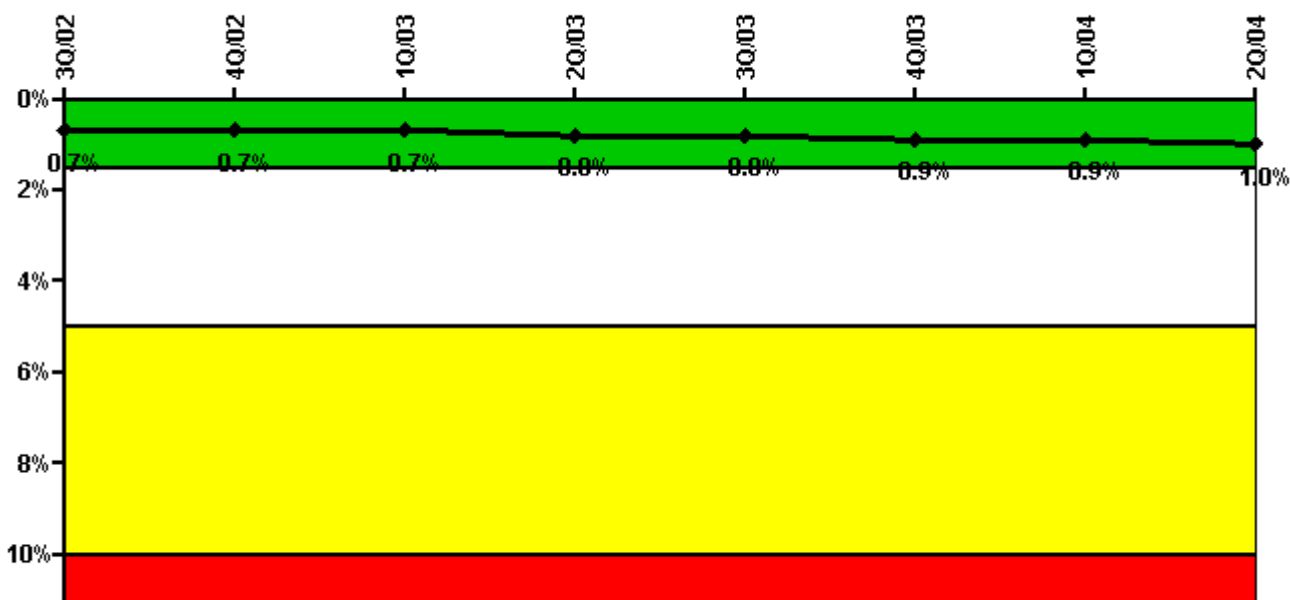
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

#### Notes

| Safety System Unavailability, Heat Removal System (AFW) | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0           | 11.71       | 15.30       | 0.40        | 20.30       | 11.50       | 10.50       | 4.30        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 36.80       |
| 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     | 2209.00     | 2160.00     | 1120.00     | 2208.00     | 2208.00     | 2184.00     | 1464.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0           | 9.60        | 22.00       | 0.50        | 12.00       | 11.50       | 10.10       | 2.50        |
| Unplanned unavailable hours                             | 0           | 27.10       | 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  | 2208.00     | 2209.00     | 2160.00     | 1120.00     | 2208.00     | 2208.00     | 2184.00     | 1464.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0           | 2.80        | 10.20       | 3.70        | 4.10        | 4.30        | 3.20        | 4.70        |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 36.80       |
| 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     | 2209.00     | 2160.00     | 1120.00     | 2208.00     | 2208.00     | 2184.00     | 1464.00     |
| <b>Indicator value</b>                                  | <b>0.4%</b> | <b>0.5%</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> |

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



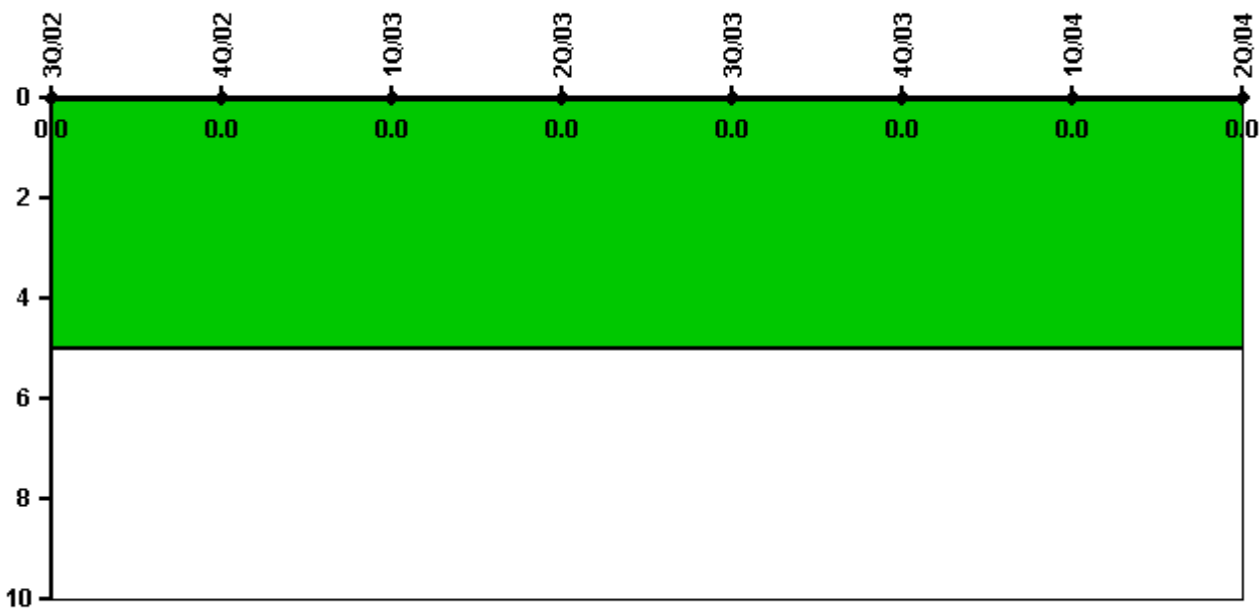
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 16.70       | 29.20       | 34.30       | 26.78       | 24.69       | 31.17       | 15.31       | 22.22       |
| 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   | 2208.00     | 2209.00     | 2160.00     | 1439.00     | 2208.00     | 2208.00     | 2184.00     | 2183.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 23.70       | 10.00       | 56.10       | 36.12       | 11.35       | 10.39       | 17.55       | 18.55       |
| 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   | 2208.00     | 2209.00     | 2160.00     | 1439.00     | 2208.00     | 2208.00     | 2184.00     | 2183.00     |
| <b>Indicator value</b>                                     | <b>0.7%</b> | <b>0.7%</b> | <b>0.7%</b> | <b>0.8%</b> | <b>0.8%</b> | <b>0.9%</b> | <b>0.9%</b> | <b>1.0%</b> |

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

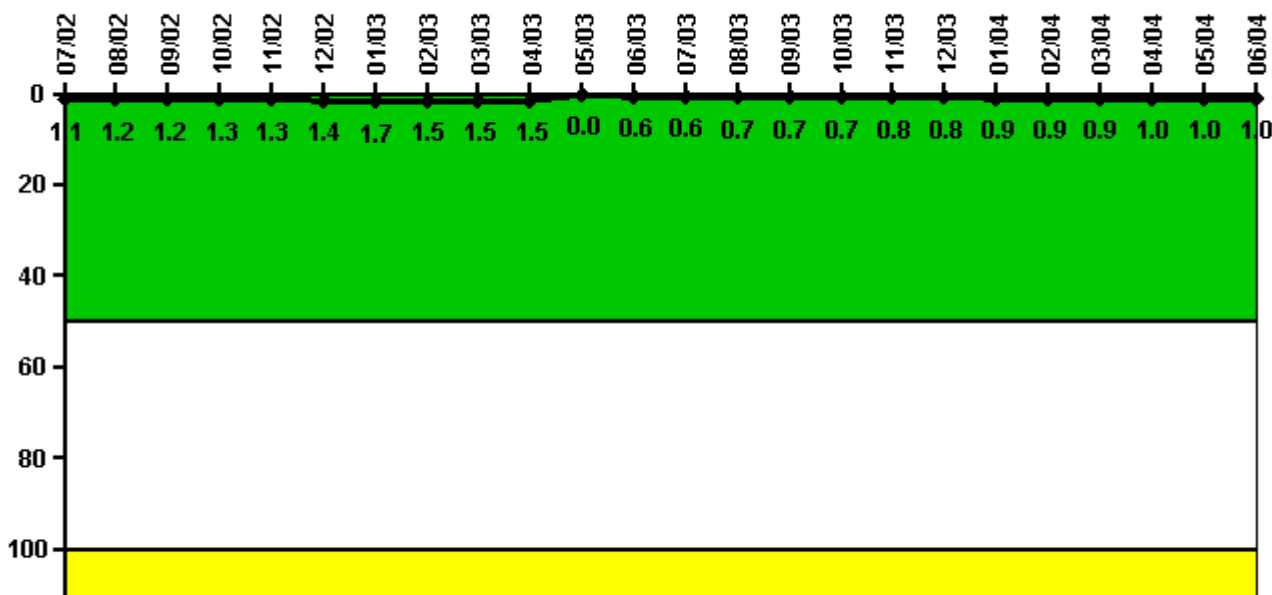
#### Notes

| Safety System Functional Failures (PWR) | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

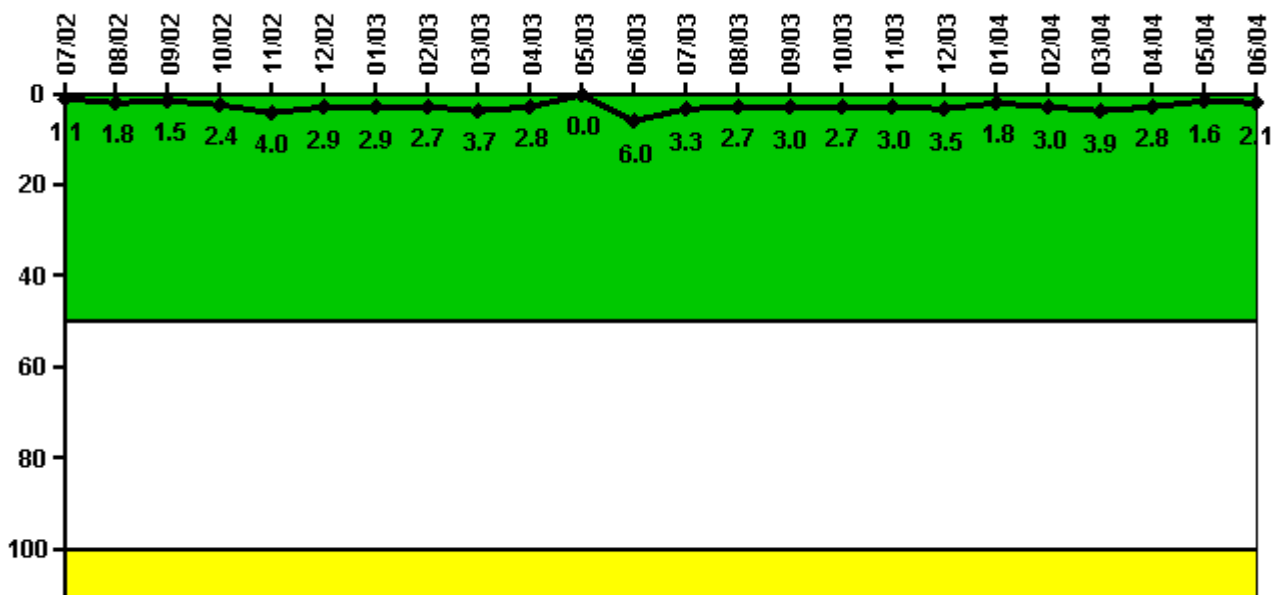
| Reactor Coolant System Activity | 7/02     | 8/02     | 9/02     | 10/02    | 11/02    | 12/02    | 1/03     | 2/03     | 3/03     | 4/03     | 5/03 | 6/03     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|----------|
| Maximum activity                | 0.011000 | 0.011800 | 0.012300 | 0.012900 | 0.013200 | 0.014200 | 0.016900 | 0.014600 | 0.014900 | 0.014500 | 0    | 0.005500 |
| 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                 | 1.1      | 1.2      | 1.2      | 1.3      | 1.3      | 1.4      | 1.7      | 1.5      | 1.5      | 1.5      | 0    | 0.6      |

| Reactor Coolant System Activity | 7/03     | 8/03     | 9/03     | 10/03    | 11/03    | 12/03    | 1/04     | 2/04     | 3/04     | 4/04     | 5/04     | 6/04     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.005900 | 0.006500 | 0.007000 | 0.007400 | 0.007500 | 0.008000 | 0.008500 | 0.008700 | 0.009100 | 0.010300 | 0.010000 | 0.010400 |
| 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                 | 0.6      | 0.7      | 0.7      | 0.7      | 0.8      | 0.8      | 0.9      | 0.9      | 0.9      | 1.0      | 1.0      | 1.0      |

Licensee Comments: none

### Reactor Coolant System Leakage



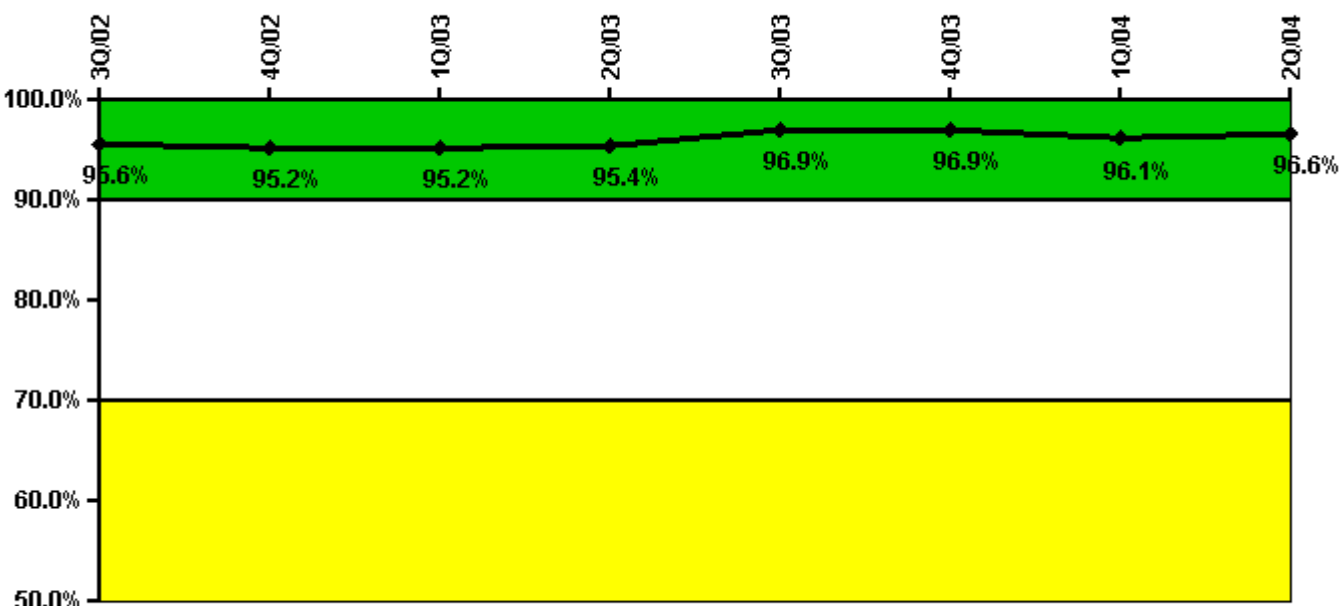
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Leakage | 7/02  | 8/02  | 9/02  | 10/02 | 11/02 | 12/02 | 1/03  | 2/03  | 3/03  | 4/03  | 5/03  | 6/03  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 0.110 | 0.180 | 0.150 | 0.240 | 0.400 | 0.290 | 0.290 | 0.270 | 0.370 | 0.280 | 0     | 0.600 |
| 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                | 1.1   | 1.8   | 1.5   | 2.4   | 4.0   | 2.9   | 2.9   | 2.7   | 3.7   | 2.8   | 0     | 6.0   |
| Reactor Coolant System Leakage | 7/03  | 8/03  | 9/03  | 10/03 | 11/03 | 12/03 | 1/04  | 2/04  | 3/04  | 4/04  | 5/04  | 6/04  |
| Maximum leakage                | 0.330 | 0.270 | 0.299 | 0.267 | 0.302 | 0.350 | 0.184 | 0.302 | 0.393 | 0.279 | 0.159 | 0.208 |
| 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                | 3.3   | 2.7   | 3.0   | 2.7   | 3.0   | 3.5   | 1.8   | 3.0   | 3.9   | 2.8   | 1.6   | 2.1   |

Licensee Comments: none

### Drill/Exercise Performance



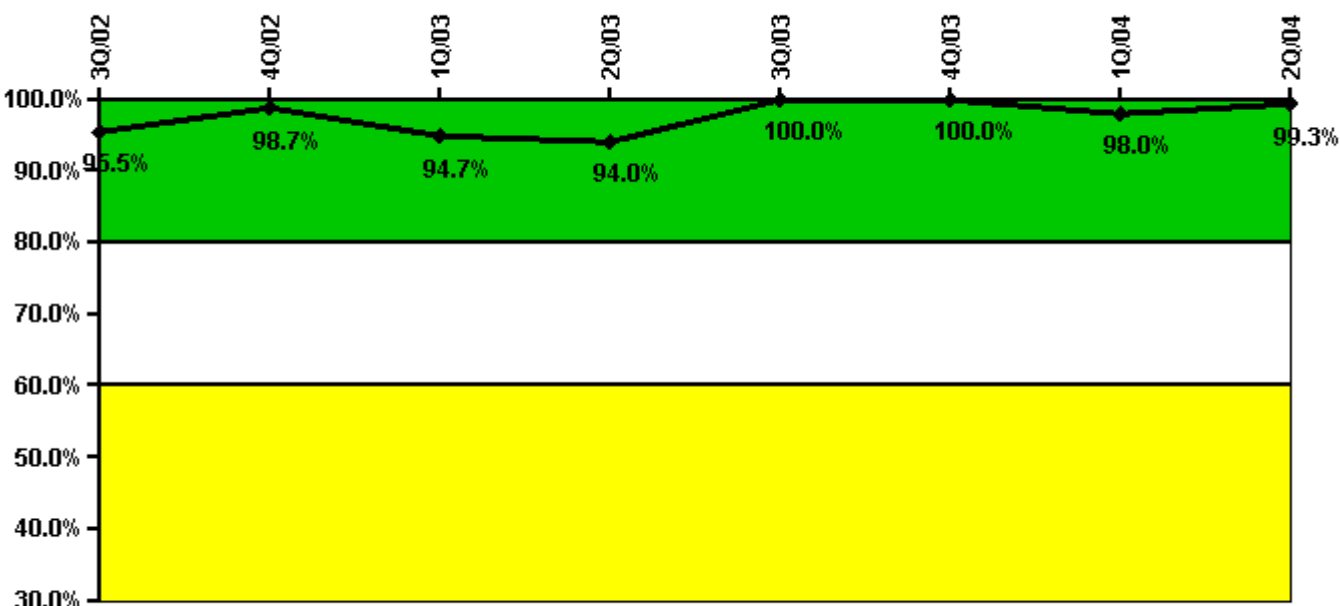
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

| Drill/Exercise Performance | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 55.0  | 16.0  | 22.0  | 13.0  | 57.0  | 9.0   | 42.0  | 14.0  |
| Total opportunities        | 56.0  | 17.0  | 22.0  | 14.0  | 58.0  | 10.0  | 45.0  | 14.0  |
| Indicator value            | 95.6% | 95.2% | 95.2% | 95.4% | 96.9% | 96.9% | 96.1% | 96.6% |

Licensee Comments: none

### ERO Drill Participation



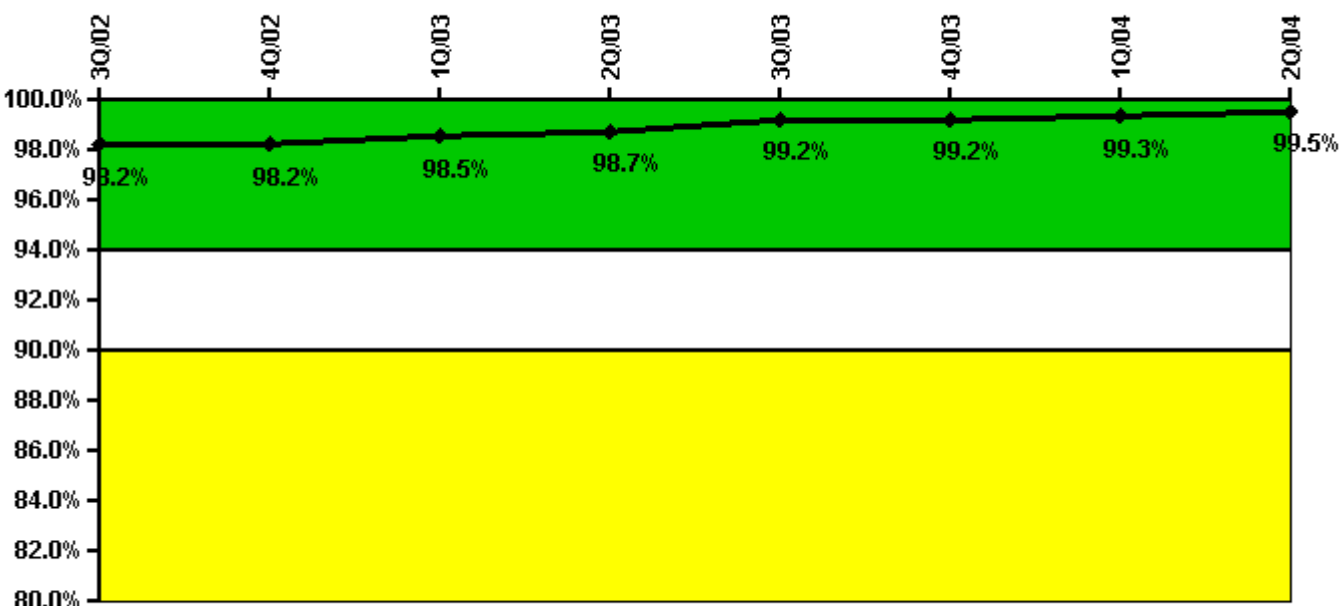
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03  | 4Q/03  | 1Q/04 | 2Q/04 |
|-----------------------------|-------|-------|-------|-------|--------|--------|-------|-------|
| Participating Key personnel | 149.0 | 151.0 | 142.0 | 141.0 | 151.0  | 142.0  | 146.0 | 149.0 |
| Total Key personnel         | 156.0 | 153.0 | 150.0 | 150.0 | 151.0  | 142.0  | 149.0 | 150.0 |
| Indicator value             | 95.5% | 98.7% | 94.7% | 94.0% | 100.0% | 100.0% | 98.0% | 99.3% |

Licensee Comments: none

### Alert & Notification System



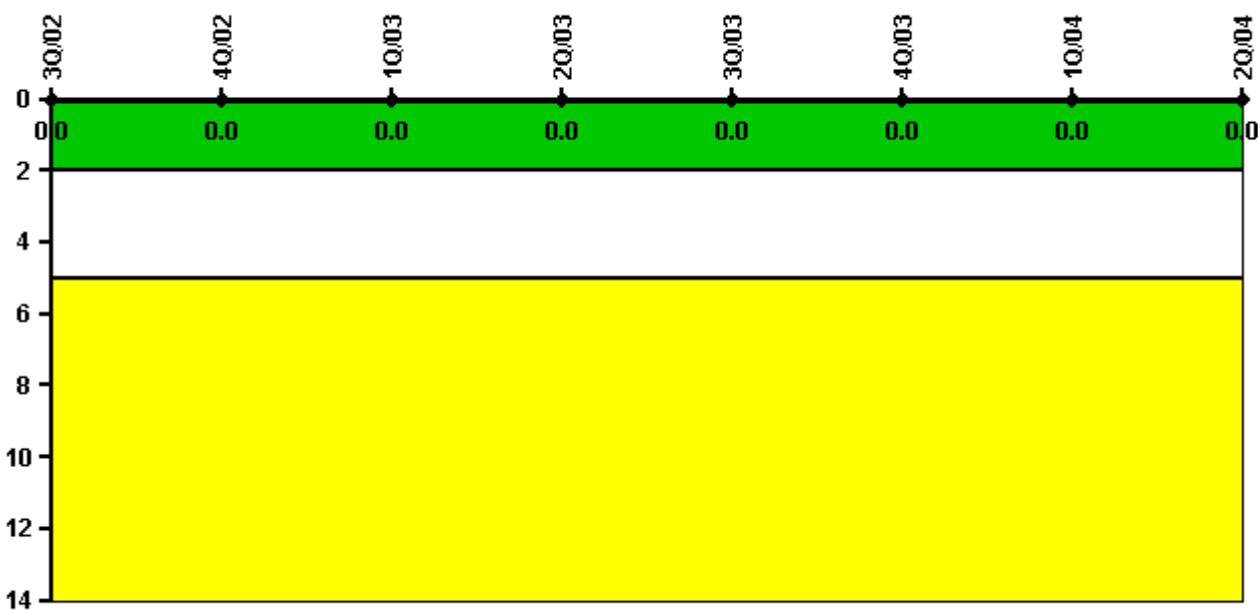
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 1092  | 1142  | 1291  | 1481  | 1358  | 1546  | 1554  | 1559  |
| Total sirens-tests          | 1121  | 1157  | 1300  | 1495  | 1365  | 1560  | 1560  | 1561  |
| Indicator value             | 98.2% | 98.2% | 98.5% | 98.7% | 99.2% | 99.2% | 99.3% | 99.5% |

Licensee Comments: none

### Occupational Exposure Control Effectiveness



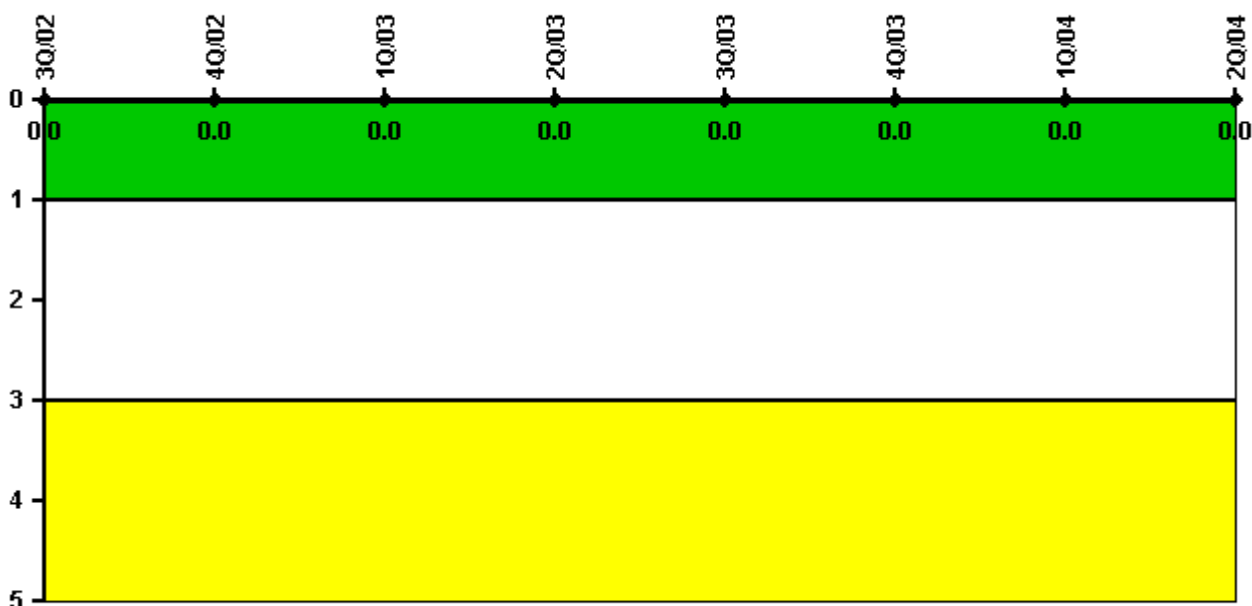
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Occupational Exposure Control Effectiveness | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    | 2Q/04    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                 | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

Licensee Comments: none

[Physical Protection](#) information not publicly available.

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

Last Modified: September 8, 2004