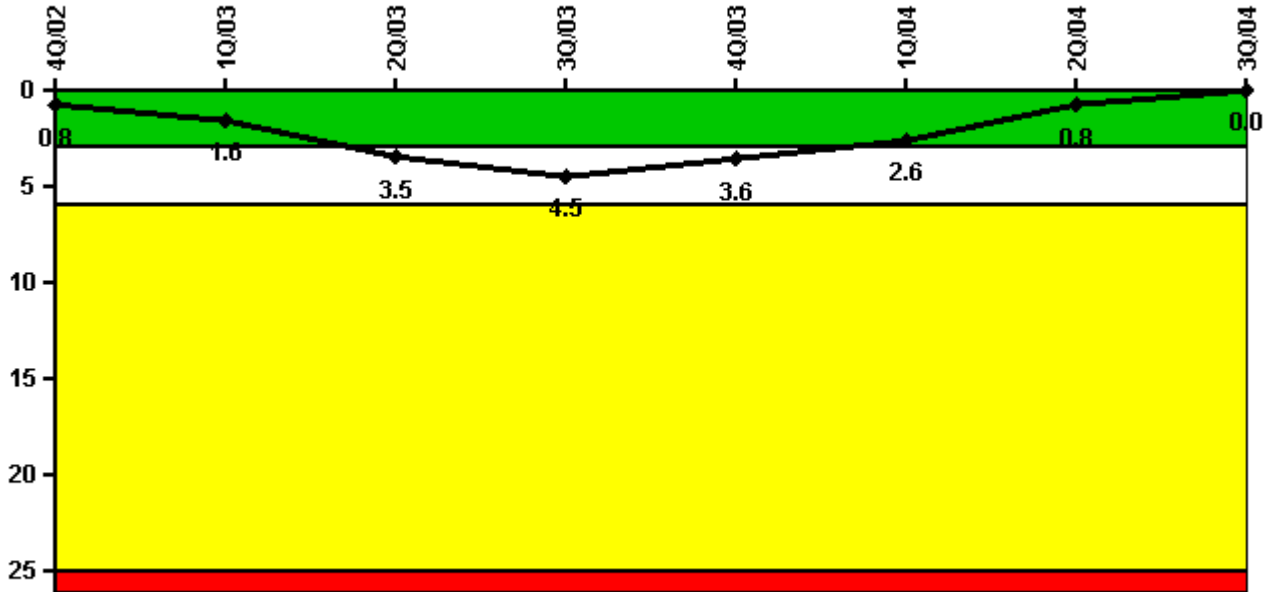


## Indian Point 3

### 3Q/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 | 4Q/02  | 1Q/03  | 2Q/03  | 3Q/03  | 4Q/03  | 1Q/04  | 2Q/04  | 3Q/04  |
|----------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 1.0    | 1.0    | 2.0    | 1.0    | 0      | 0      | 0      | 0      |
| Critical hours                         | 2080.1 | 2062.9 | 1557.5 | 2037.5 | 2209.0 | 2184.0 | 2183.0 | 2208.0 |
| Indicator value                        | 0.8    | 1.6    | 3.5    | 4.5    | 3.6    | 2.6    | 0.8    | 0      |

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



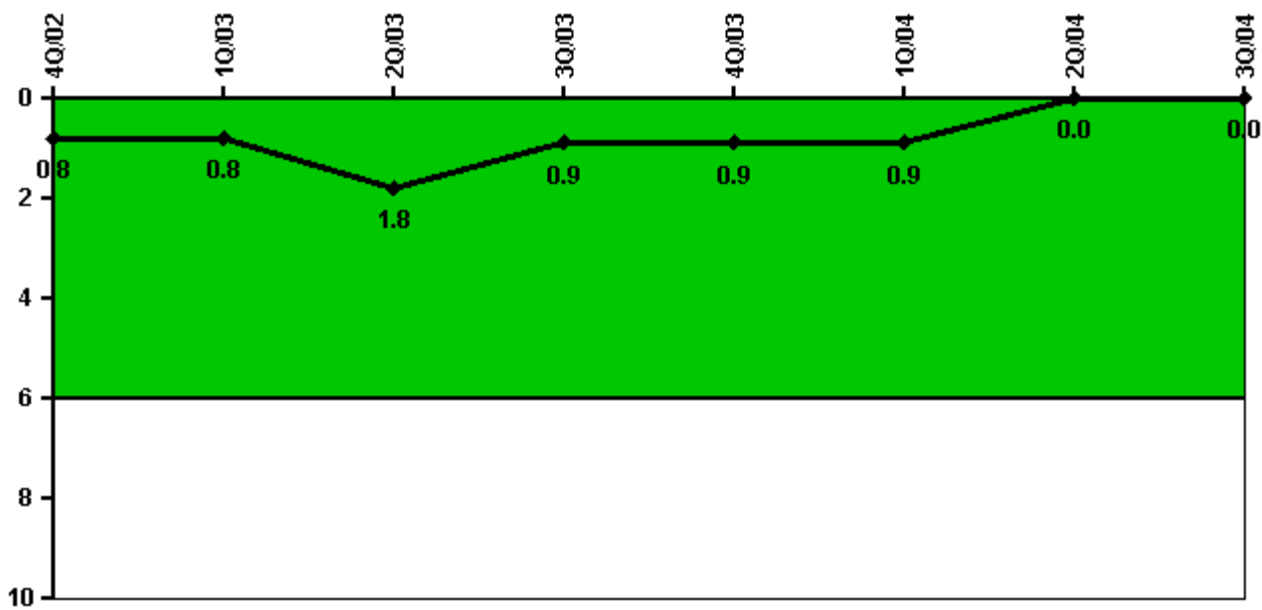
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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



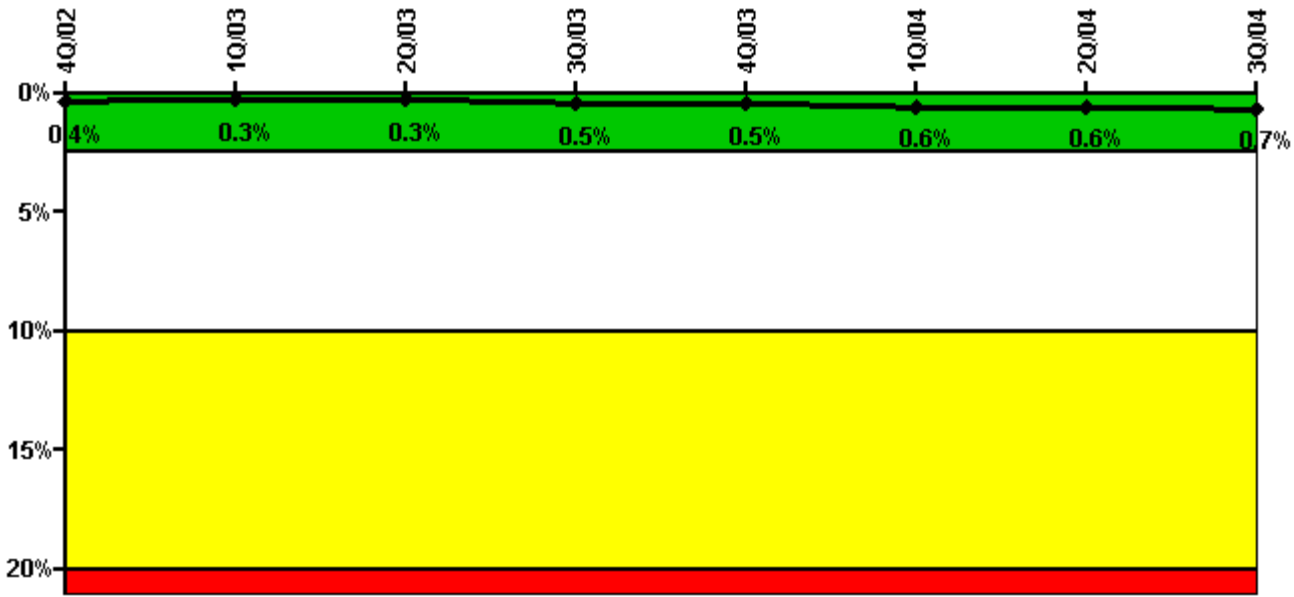
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/02      | 1Q/03      | 2Q/03      | 3Q/03      | 4Q/03      | 1Q/04      | 2Q/04    | 3Q/04    |
|-----------------------------------------------|------------|------------|------------|------------|------------|------------|----------|----------|
| Unplanned power changes                       | 0          | 0          | 1.0        | 0          | 0          | 0          | 0        | 0        |
| Critical hours                                | 2080.1     | 2062.9     | 1557.5     | 2037.5     | 2209.0     | 2184.0     | 2183.0   | 2208.0   |
| <b>Indicator value</b>                        | <b>0.8</b> | <b>0.8</b> | <b>1.8</b> | <b>0.9</b> | <b>0.9</b> | <b>0.9</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power, >2EDG



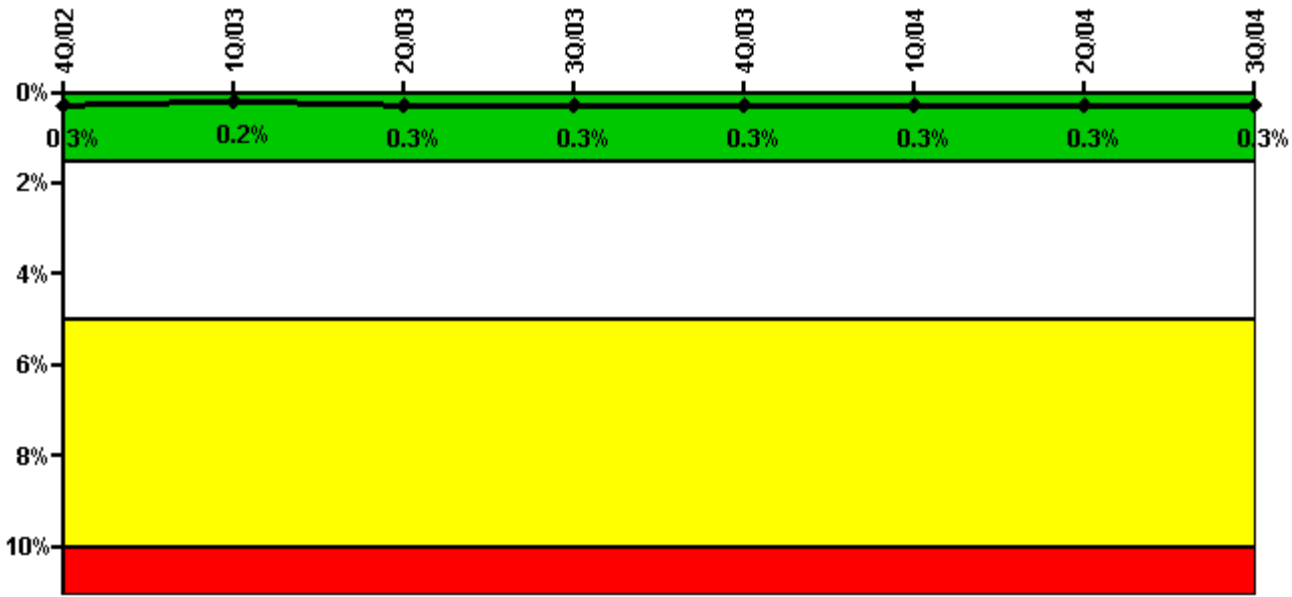
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

#### Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       |
|---------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>                                          |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0           | 22.13       | 0           | 51.65       | 0           | 20.11       | 3.28        | 22.49       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 3.67        | 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                                          | 2080.05     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>                                          |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0           | 19.32       | 0           | 36.00       | 0           | 26.48       | 0           | 18.52       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 13.72       |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours                                          | 2080.05     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Train 3</b>                                          |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0           | 0           | 22.00       | 19.50       | 33.80       | 13.58       | 0           | 10.76       |
| Unplanned unavailable hours                             | 0           | 0           | 0           | 7.46        | 0           | 0           | 17.16       | 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                                          | 2080.05     | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                  | <b>0.4%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.5%</b> | <b>0.5%</b> | <b>0.6%</b> | <b>0.6%</b> | <b>0.7%</b> |

Licensee Comments: none

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



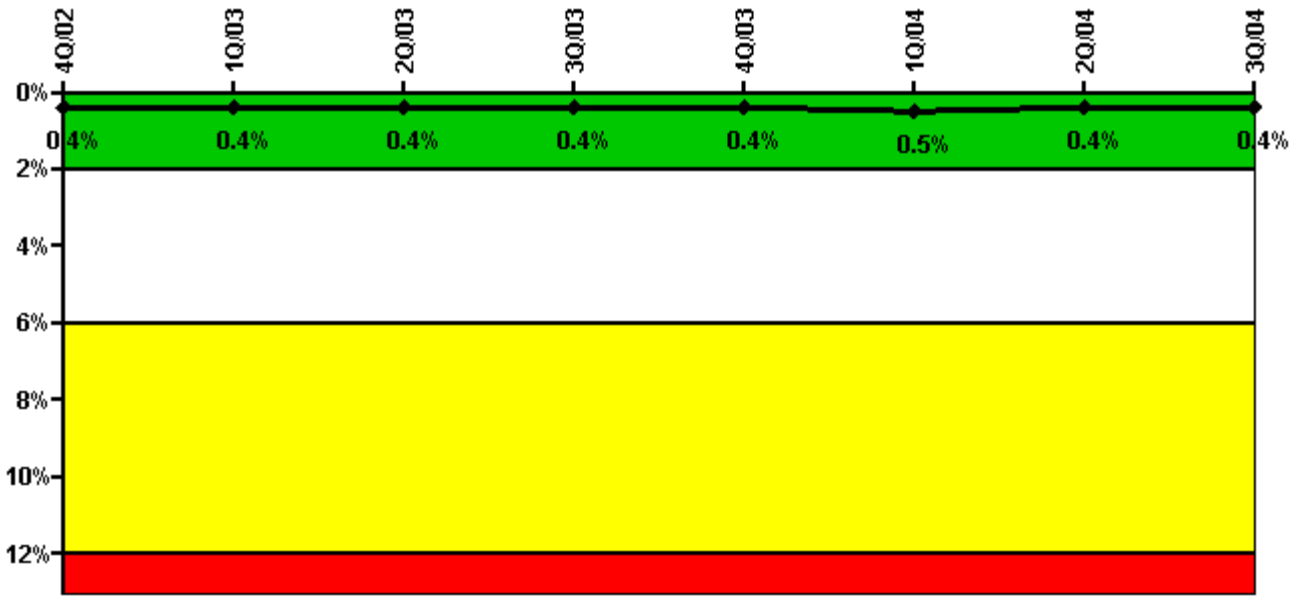
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

| Safety System Unavailability, High Pressure Injection System (HPSI) | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       |
|---------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>                                                      |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                           | 3.24        | 4.42        | 21.48       | 14.50       | 10.15       | 4.03        | 4.80        | 10.49       |
| 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     | 2062.80     | 1705.10     | 2038.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>                                                      |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                           | 0.27        | 0           | 3.27        | 8.83        | 3.38        | 0.53        | 3.00        | 13.15       |
| 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     | 2062.80     | 1705.10     | 2038.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Train 3</b>                                                      |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                           | 10.00       | 1.40        | 0           | 3.48        | 2.40        | 3.75        | 4.50        | 2.00        |
| Unplanned unavailable hours                                         | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 9.46        |
| 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     | 2062.80     | 1705.10     | 2038.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Indicator value</b>                                              | <b>0.3%</b> | <b>0.2%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.3%</b> |

Licensee Comments: none

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



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

#### Notes

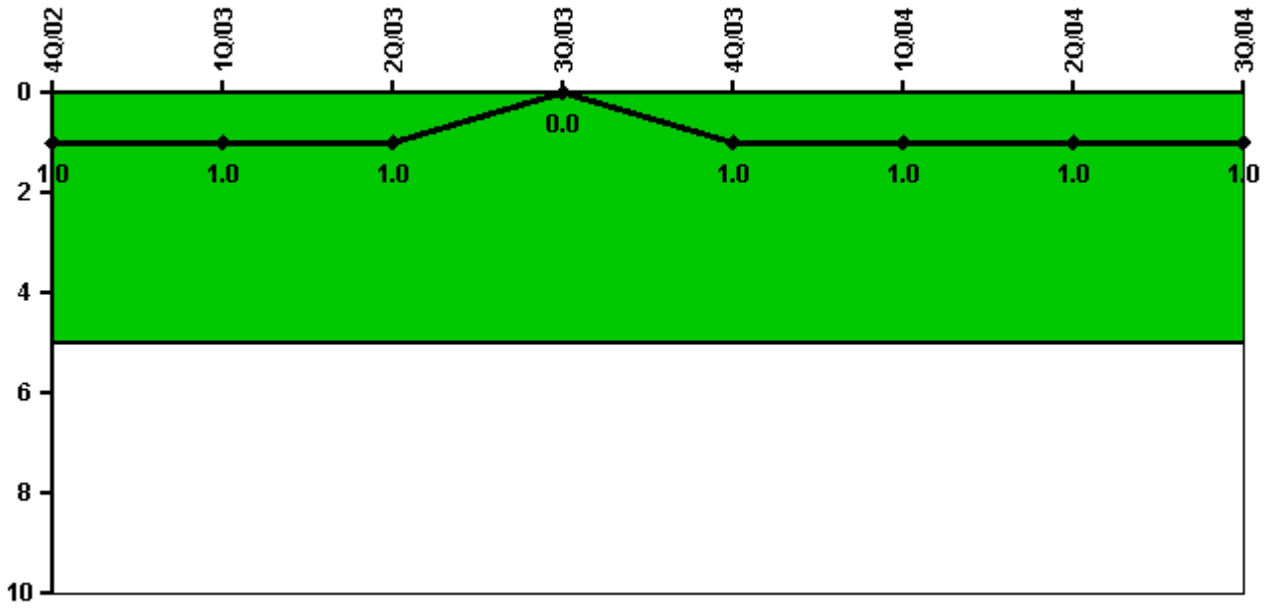
| Safety System Unavailability, Heat Removal System (AFW) | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       | 2Q/04       | 3Q/04       |
|---------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>                                          |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 3.93        | 1.68        | 0           | 32.67       | 3.41        | 0           | 2.42        | 6.36        |
| Unplanned unavailable hours                             | 6.83        | 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     | 2062.80     | 1605.50     | 2038.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Train 2</b>                                          |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 2.47        | 5.37        | 2.95        | 24.28       | 3.28        | 16.90       | 2.08        | 12.77       |
| Unplanned unavailable hours                             | 0           | 0           | 17.85       | 0           | 12.42       | 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     | 2062.80     | 1605.50     | 2038.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <b>Train 3</b>                                          |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 1.20        | 1.03        | 1.00        | 8.43        | 1.00        | 28.00       | 0.78        | 0.53        |
| Unplanned unavailable hours                             | 0           | 0           | 2.55        | 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     | 2062.80     | 1605.50     | 2038.00     | 2209.00     | 2184.00     | 2183.00     | 2208.00     |
| <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>0.5%</b> | <b>0.4%</b> | <b>0.4%</b> |

Licensee Comments: none



Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

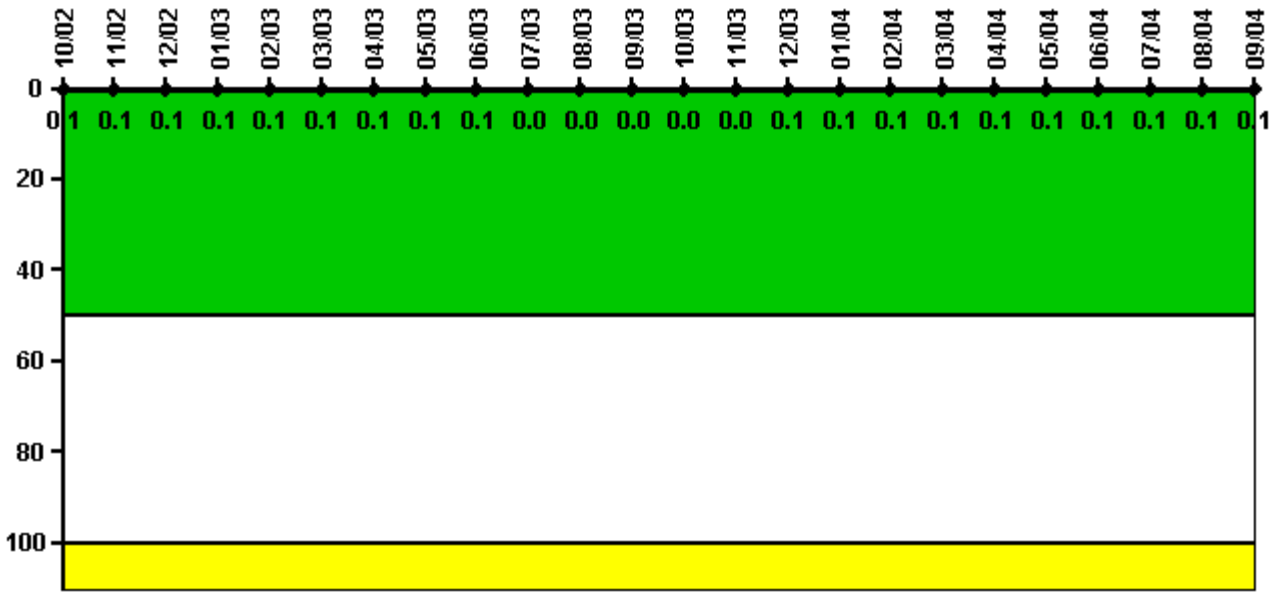
### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



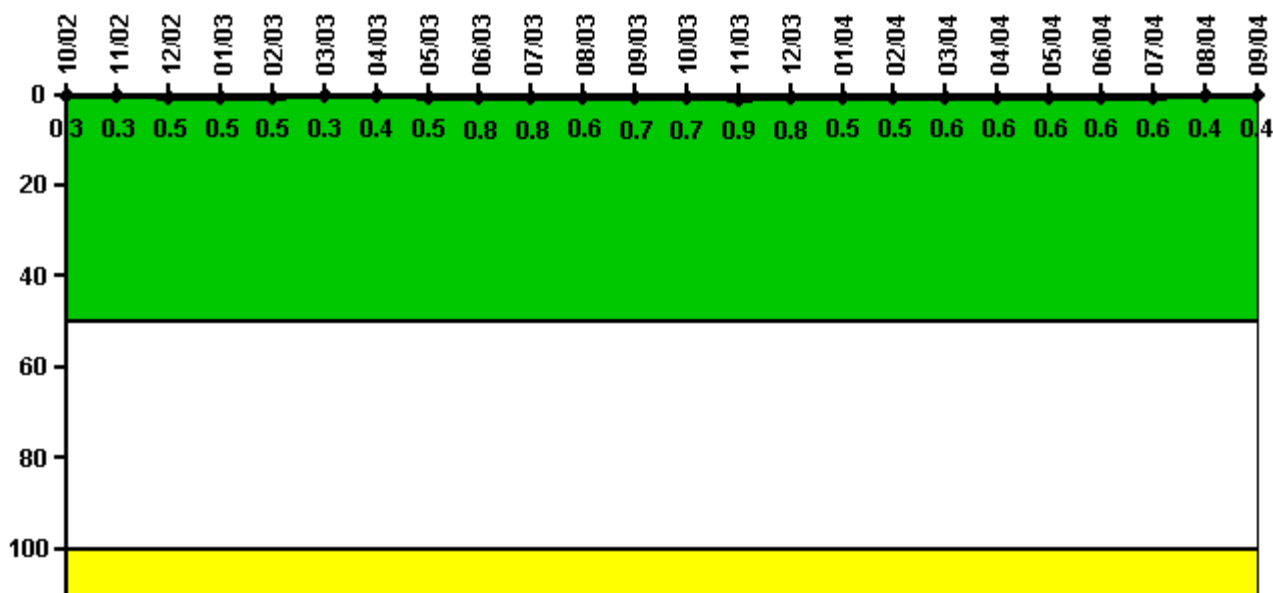
Thresholds: White > 50.0 Yellow > 100.0

**Notes**

| Reactor Coolant System Activity | 10/02    | 11/02    | 12/02    | 1/03     | 2/03     | 3/03     | 4/03     | 5/03     | 6/03     | 7/03     | 8/03     | 9/03     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.001100 | 0.001020 | 0.001090 | 0.001150 | 0.001190 | 0.001360 | 0.000533 | 0.001020 | 0.000575 | 0.000479 | 0.000433 | 0.000485 |
| 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      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0        | 0        | 0        |
| Reactor Coolant System Activity | 10/03    | 11/03    | 12/03    | 1/04     | 2/04     | 3/04     | 4/04     | 5/04     | 6/04     | 7/04     | 8/04     | 9/04     |
| Maximum activity                | 0.000436 | 0.000449 | 0.000540 | 0.000535 | 0.000555 | 0.000641 | 0.000599 | 0.000789 | 0.000849 | 0.000946 | 0.000898 | 0.000917 |
| 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        | 0        | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      | 0.1      |

Licensee Comments: none

### Reactor Coolant System Leakage



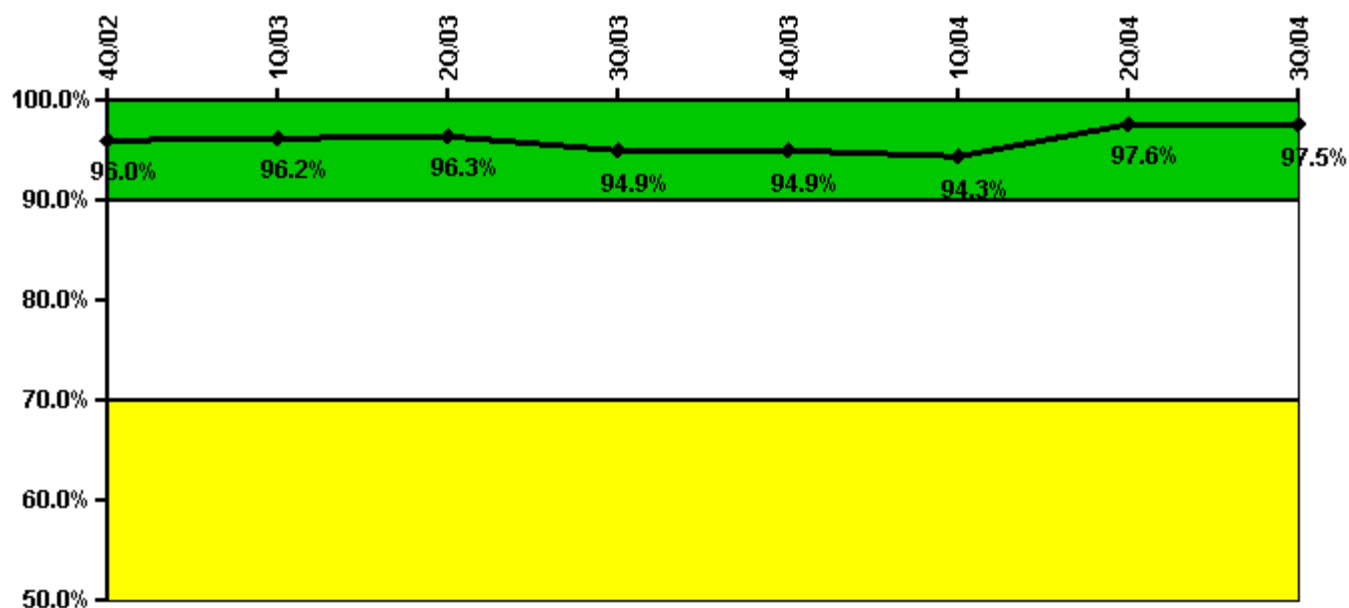
**Thresholds: White > 50.0 Yellow > 100.0**

**Notes**

| Reactor Coolant System Leakage | 10/02      | 11/02      | 12/02      | 1/03       | 2/03       | 3/03       | 4/03       | 5/03       | 6/03       | 7/03       | 8/03       | 9/03       |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum leakage                | 0.030      | 0.033      | 0.050      | 0.050      | 0.047      | 0.030      | 0.040      | 0.050      | 0.080      | 0.080      | 0.062      | 0.070      |
| 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       |
| <b>Indicator value</b>         | <b>0.3</b> | <b>0.3</b> | <b>0.5</b> | <b>0.5</b> | <b>0.5</b> | <b>0.3</b> | <b>0.4</b> | <b>0.5</b> | <b>0.8</b> | <b>0.8</b> | <b>0.6</b> | <b>0.7</b> |
| Reactor Coolant System Leakage | 10/03      | 11/03      | 12/03      | 1/04       | 2/04       | 3/04       | 4/04       | 5/04       | 6/04       | 7/04       | 8/04       | 9/04       |
| Maximum leakage                | 0.065      | 0.087      | 0.076      | 0.050      | 0.045      | 0.060      | 0.060      | 0.057      | 0.060      | 0.060      | 0.037      | 0.037      |
| 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       |
| <b>Indicator value</b>         | <b>0.7</b> | <b>0.9</b> | <b>0.8</b> | <b>0.5</b> | <b>0.5</b> | <b>0.6</b> | <b>0.6</b> | <b>0.6</b> | <b>0.6</b> | <b>0.6</b> | <b>0.4</b> | <b>0.4</b> |

Licensee Comments: none

### Drill/Exercise Performance



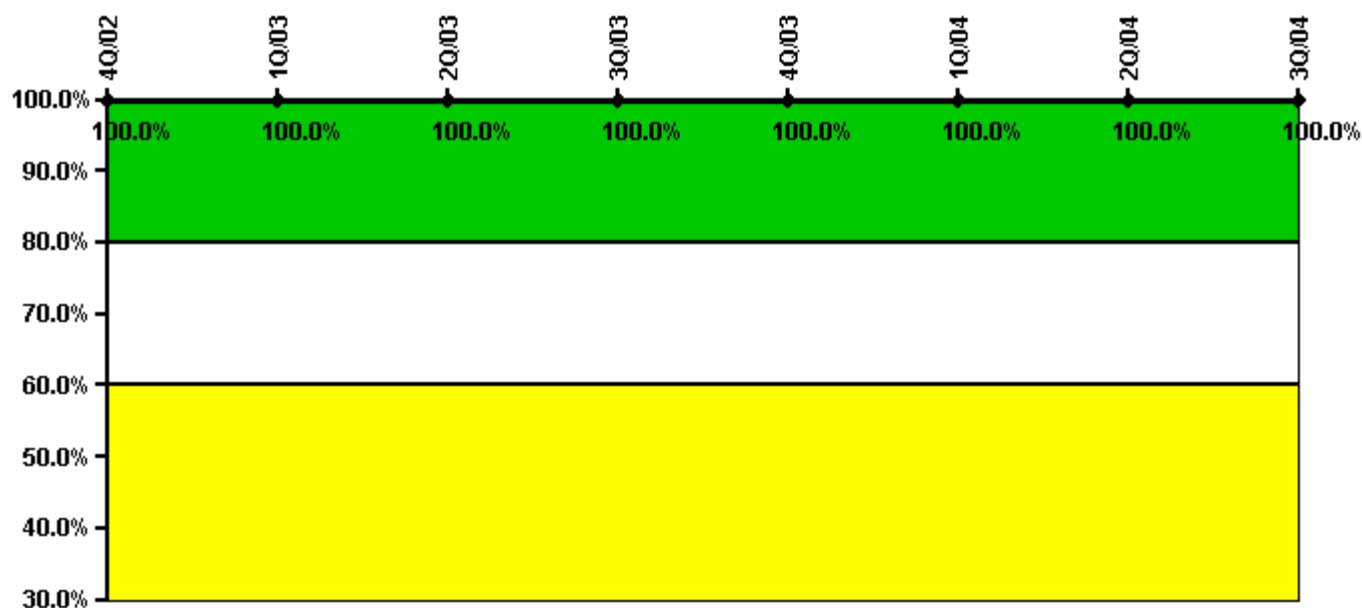
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 8.0   | 8.0   | 8.0   | 32.0  | 14.0  | 19.0  | 51.0  | 18.0  |
| Total opportunities        | 8.0   | 8.0   | 8.0   | 34.0  | 14.0  | 20.0  | 52.0  | 18.0  |
| Indicator value            | 96.0% | 96.2% | 96.3% | 94.9% | 94.9% | 94.3% | 97.6% | 97.5% |

Licensee Comments: none

### ERO Drill Participation



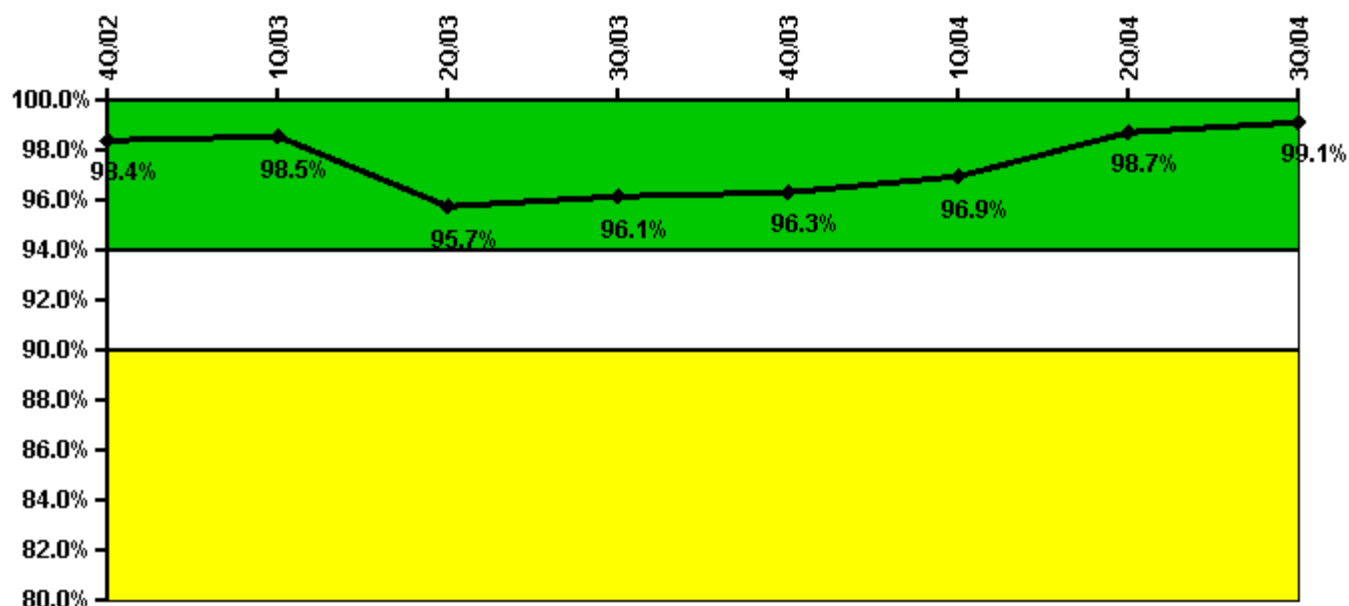
**Thresholds: White < 80.0% Yellow < 60.0%**

**Notes**

| ERO Drill Participation     | 4Q/02  | 1Q/03  | 2Q/03  | 3Q/03  | 4Q/03  | 1Q/04  | 2Q/04  | 3Q/04  |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 66.0   | 64.0   | 47.0   | 47.0   | 47.0   | 47.0   | 60.0   | 57.0   |
| Total Key personnel         | 66.0   | 64.0   | 47.0   | 47.0   | 47.0   | 47.0   | 60.0   | 57.0   |
| Indicator value             | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

### Alert & Notification System



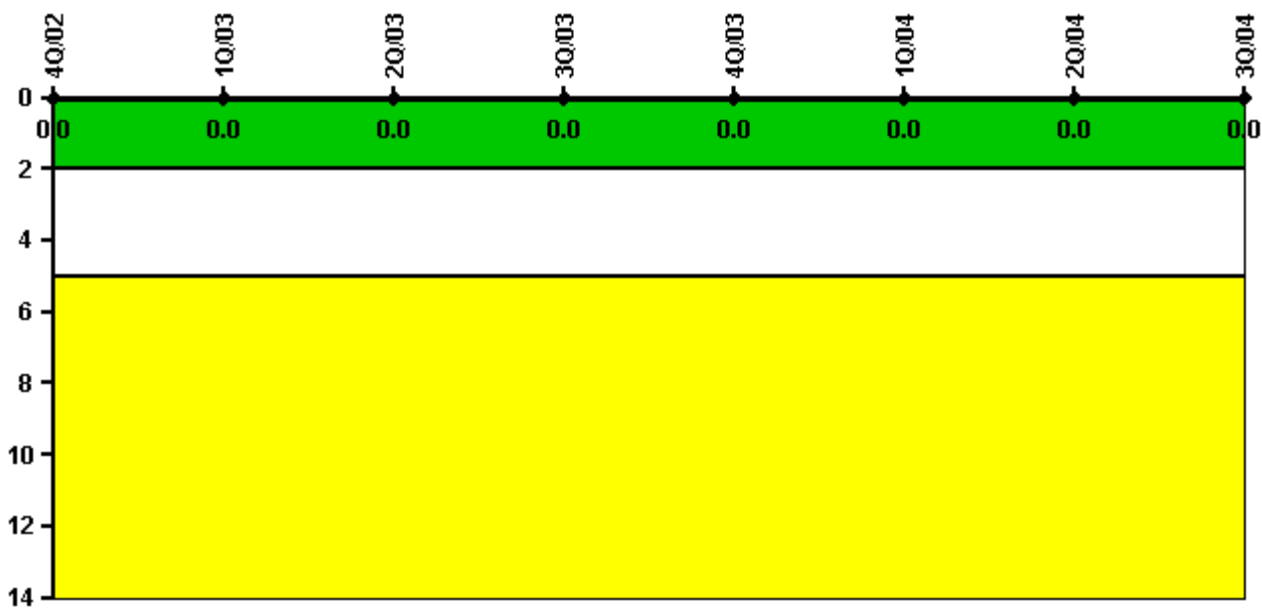
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 1267  | 984   | 1236  | 1805  | 1901  | 2491  | 3183  | 2299  |
| Total sirens-tests          | 1277  | 988   | 1386  | 1857  | 1920  | 2510  | 3212  | 2321  |
| Indicator value             | 98.4% | 98.5% | 95.7% | 96.1% | 96.3% | 96.9% | 98.7% | 99.1% |

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

**Notes**

| Occupational Exposure Control Effectiveness | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    | 2Q/04    | 3Q/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 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/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.