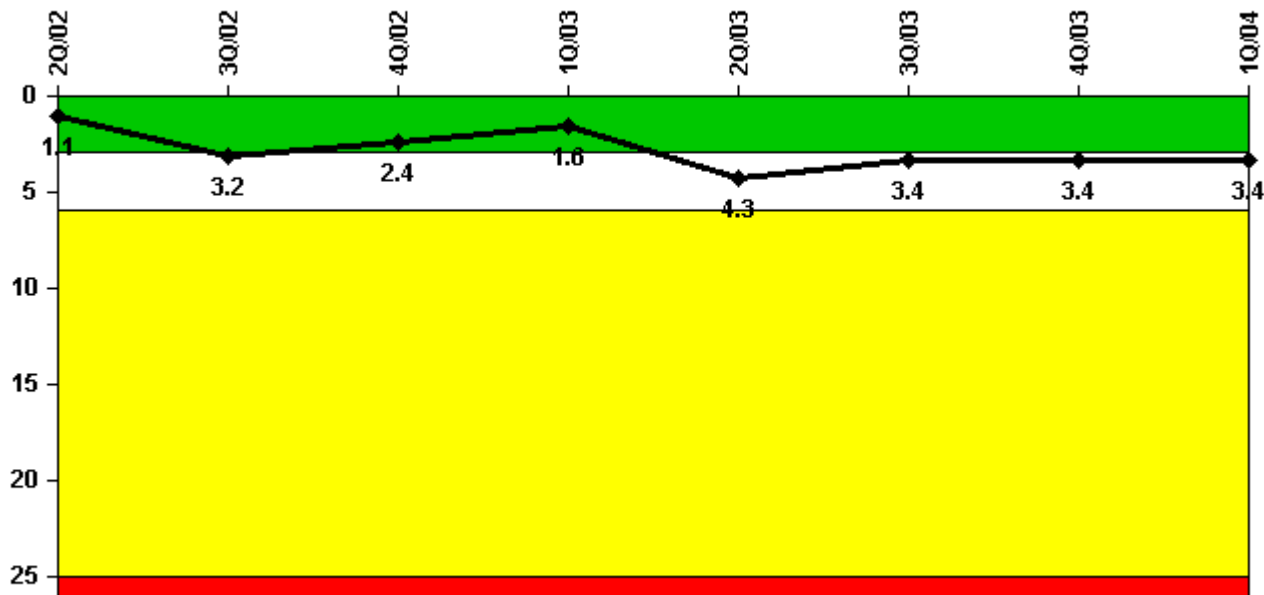


# Harris 1

## 1Q/2004 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



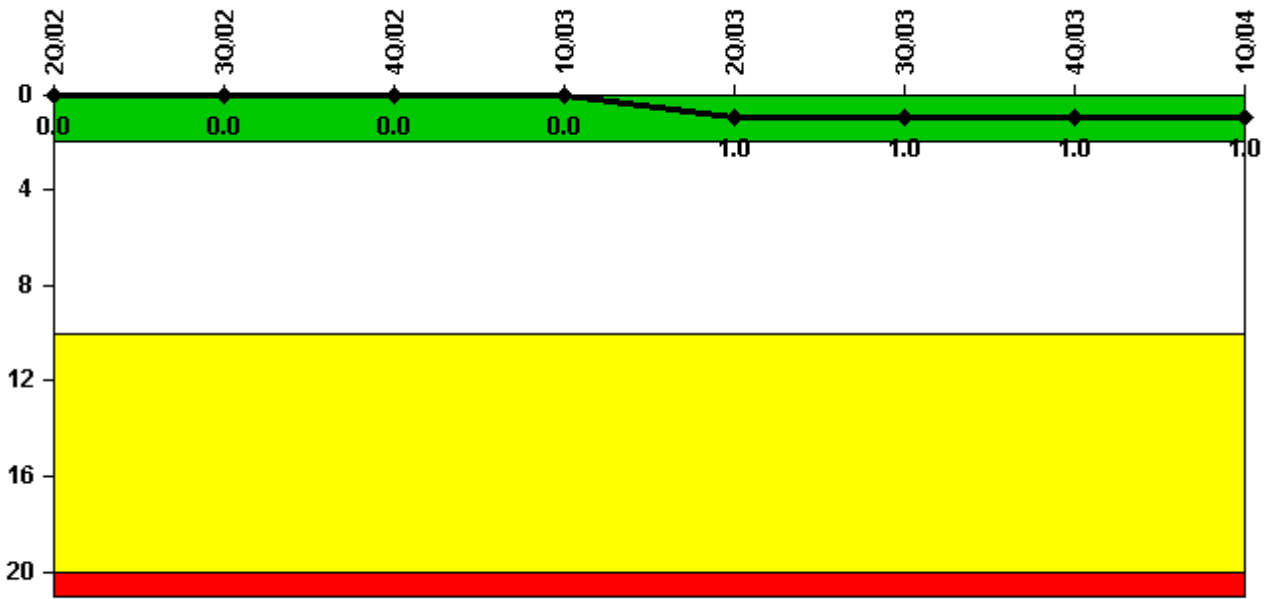
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03  | 3Q/03  | 4Q/03  | 1Q/04  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 2.0    | 0      | 0      | 3.0    | 1.0    | 0      | 0      |
| Critical hours                         | 2184.0 | 2173.9 | 2209.0 | 2160.0 | 1605.6 | 2190.4 | 2209.0 | 2184.0 |
| Indicator value                        | 1.1    | 3.2    | 2.4    | 1.6    | 4.3    | 3.4    | 3.4    | 3.4    |

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



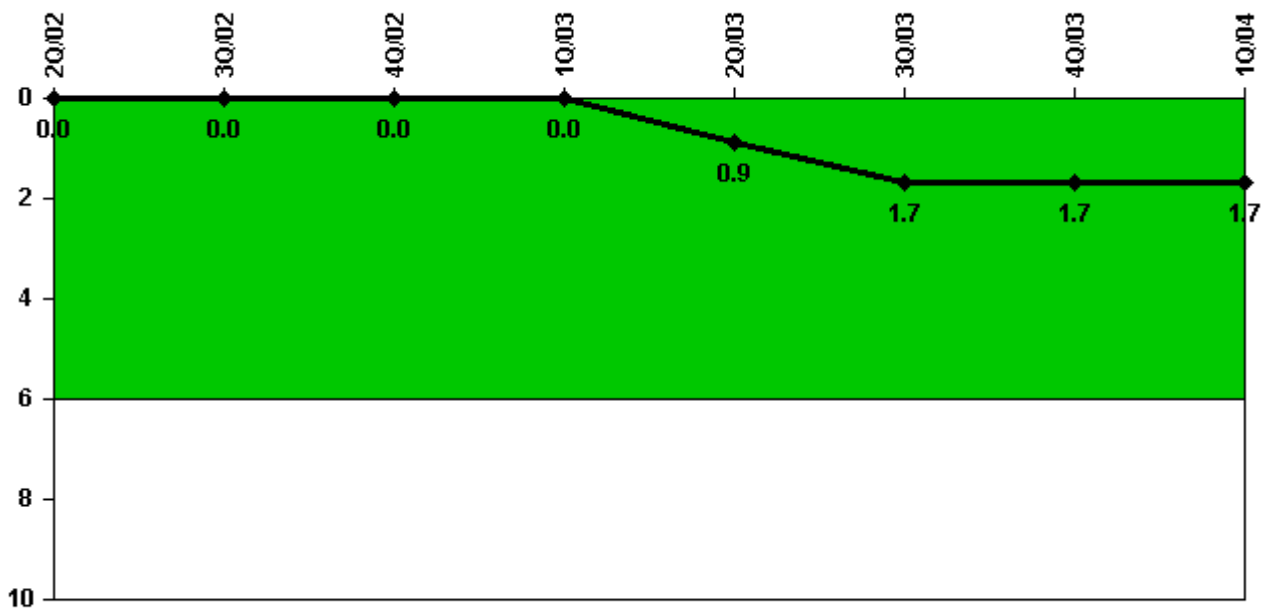
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

| Scrams with Loss of Normal Heat Removal | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 1.0   | 0     | 0     | 0     |
| Indicator value                         | 0     | 0     | 0     | 0     | 1.0   | 1.0   | 1.0   | 1.0   |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



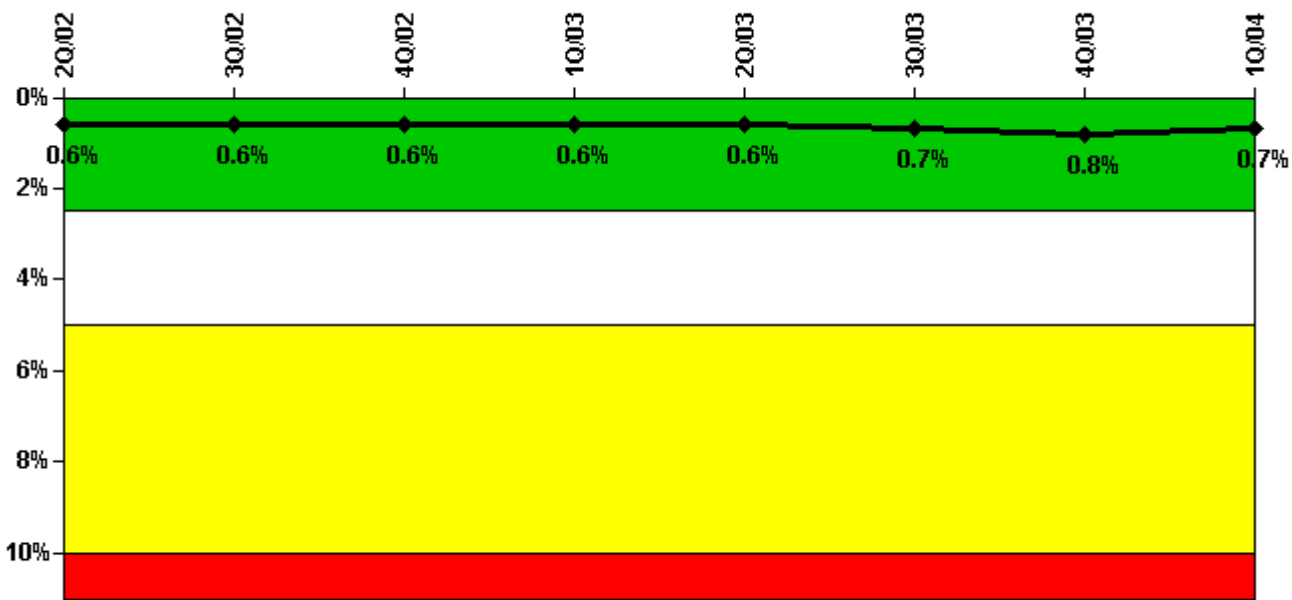
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03  | 3Q/03  | 4Q/03  | 1Q/04  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 0      | 1.0    | 1.0    | 0      | 0      |
| Critical hours                                | 2184.0 | 2173.9 | 2209.0 | 2160.0 | 1605.6 | 2190.4 | 2209.0 | 2184.0 |
| Indicator value                               | 0      | 0      | 0      | 0      | 0.9    | 1.7    | 1.7    | 1.7    |

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

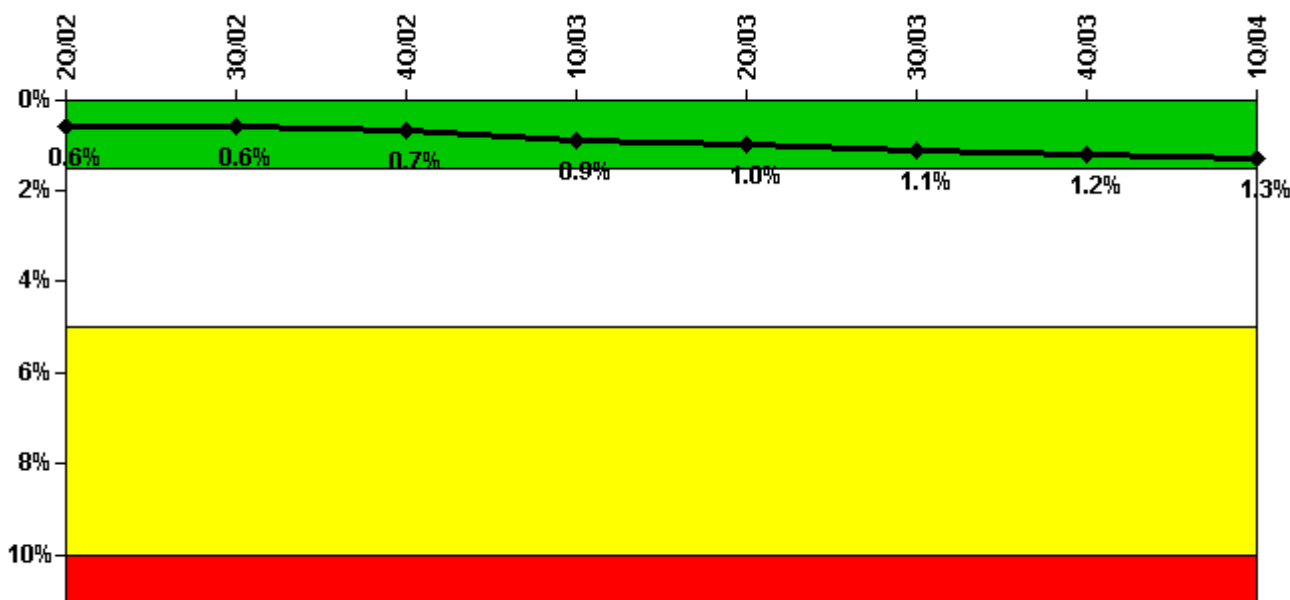
#### Notes

| Safety System Unavailability, Emergency AC Power | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>                                   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                        | 4.48        | 10.47       | 11.20       | 1.97        | 17.75       | 33.50       | 20.74       | 1.78        |
| Unplanned unavailable hours                      | 0           | 0           | 3.20        | 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     | 2208.00     | 2209.00     | 2160.00     | 1859.58     | 2208.00     | 2209.00     | 2184.00     |
| <b>Train 2</b>                                   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                        | 12.35       | 1.43        | 17.25       | 24.03       | 2.57        | 68.78       | 8.45        | 20.37       |
| Unplanned unavailable hours                      | 11.95       | 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     | 2208.00     | 2209.00     | 2160.00     | 2152.97     | 2208.00     | 2209.00     | 2184.00     |
| <b>Indicator value</b>                           | <b>0.6%</b> | <b>0.6%</b> | <b>0.6%</b> | <b>0.6%</b> | <b>0.6%</b> | <b>0.7%</b> | <b>0.8%</b> | <b>0.7%</b> |

Licensee Comments:

1Q/04: Engineering evaluation pending regarding safety system unavailability during SSPS testing.

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



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

#### Notes

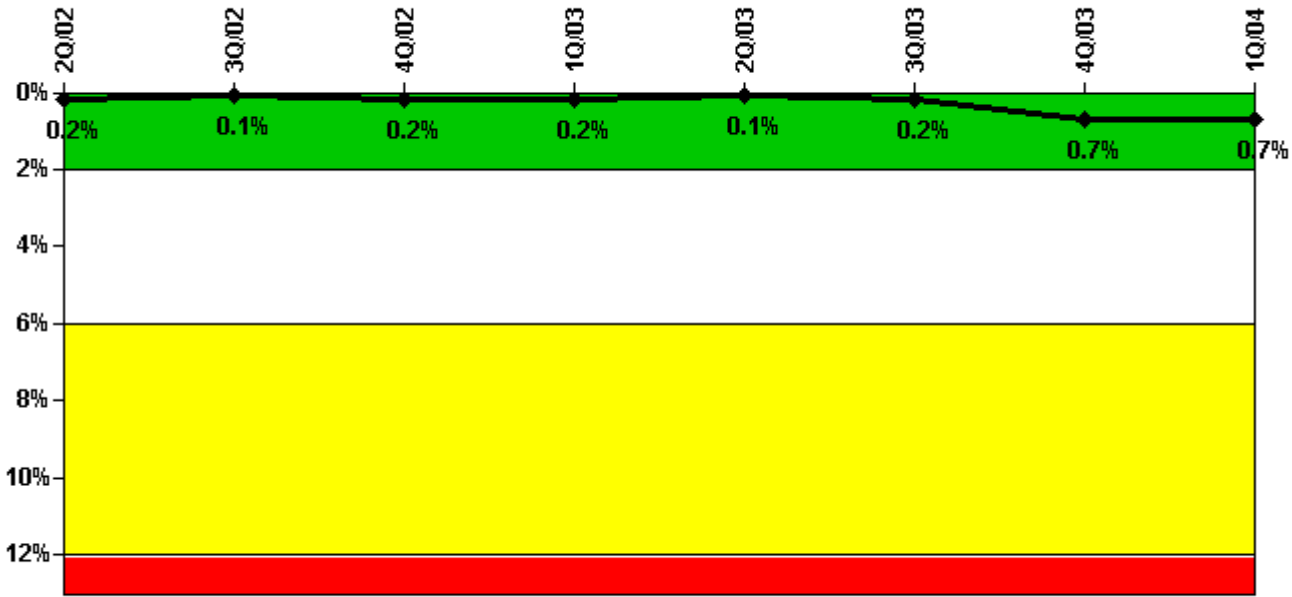
| Safety System Unavailability, High Pressure Injection System (HPSI) | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 16.07       | 18.05       | 15.22       | 71.59       | 19.50       | 49.10       | 38.38       | 33.70       |
| Unplanned unavailable hours   | 0.55        | 0           | 18.73       | 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     | 2208.00     | 2209.00     | 2160.00     | 1830.60     | 2208.00     | 2209.00     | 2184.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours   | 22.90       | 16.13       | 6.68        | 37.72       | 15.43       | 22.30       | 20.00       | 8.20        |
| Unplanned unavailable hours   | 0           | 0           | 0           | 7.65        | 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     | 2208.00     | 2209.00     | 2160.00     | 1830.60     | 2208.00     | 2209.00     | 2184.00     |
| <b>Indicator value</b>  | <b>0.6%</b> | <b>0.6%</b> | <b>0.7%</b> | <b>0.9%</b> | <b>1.0%</b> | <b>1.1%</b> | <b>1.2%</b> | <b>1.3%</b> |

Licensee Comments:

1Q/04: Engineering evaluation pending regarding safety system unavailability during SSPS testing. Change file submitted for Q1/2003, Q2/2003 and Q4/2003 to incorporate unreported unavailability. These changes do not affect the color of the indicator.

1Q/04: Engineering evaluation pending regarding safety system unavailability during SSPS testing.

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



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

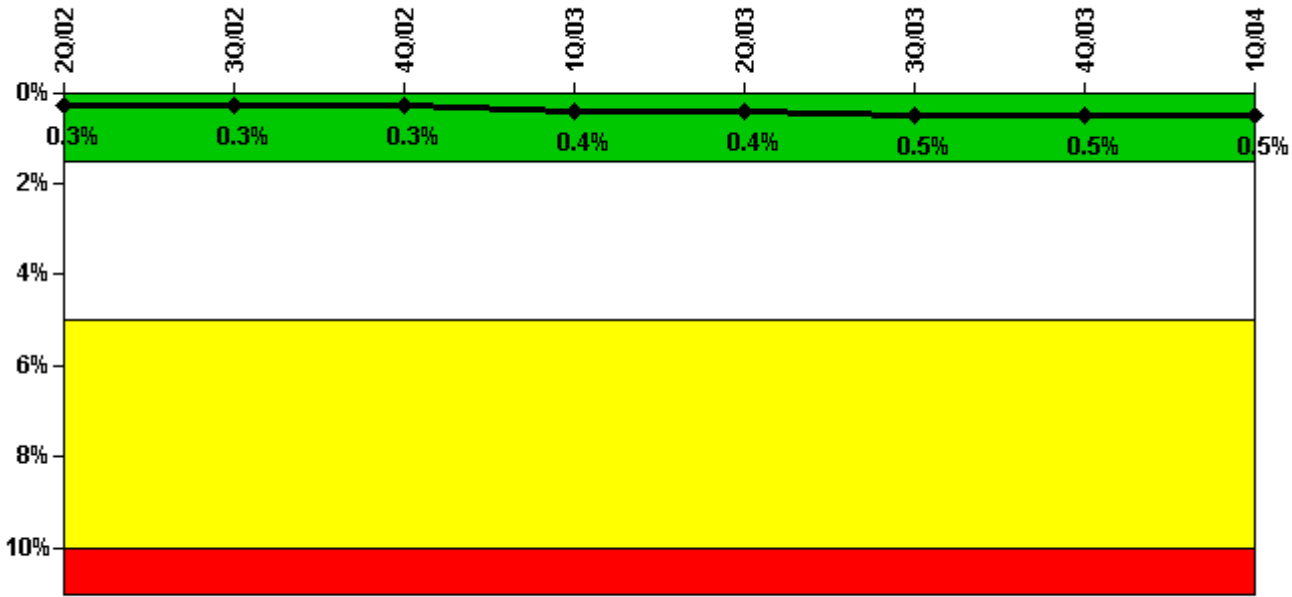
#### Notes

| Safety System Unavailability, Heat Removal System (AFW) | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0           | 0.73        | 0           | 0           | 1.13        | 5.40        | 0           | 7.70        |
| 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     | 2208.00     | 2209.00     | 2160.00     | 1731.15     | 2208.00     | 2209.00     | 2184.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 6.00        | 0           | 0           | 1.50        | 1.13        | 7.60        | 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  | 2184.00     | 2208.00     | 2209.00     | 2160.00     | 1731.15     | 2208.00     | 2209.00     | 2184.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0           | 0           | 9.00        | 21.80       | 5.57        | 19.50       | 0           | 0           |
| Unplanned unavailable hours                             | 1.20        | 0           | 0           | 0           | 0           | 0           | 27.50       | 0           |
| Fault exposure hours                                    | 0           | 0           | 0           | 0           | 0           | 0           | 325.80      | 0           |
| Effective Reset hours                                   | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Required hours  | 2184.00     | 2208.00     | 2209.00     | 2160.00     | 1731.15     | 2208.00     | 2209.00     | 2184.00     |
| <b>Indicator value</b>                                  | <b>0.2%</b> | <b>0.1%</b> | <b>0.2%</b> | <b>0.2%</b> | <b>0.1%</b> | <b>0.2%</b> | <b>0.7%</b> | <b>0.7%</b> |

Licensee Comments:

1Q/04: Engineering evaluation pending regarding safety system unavailability during SSPS testing.

### Safety System Unavailability, Residual Heat Removal System



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

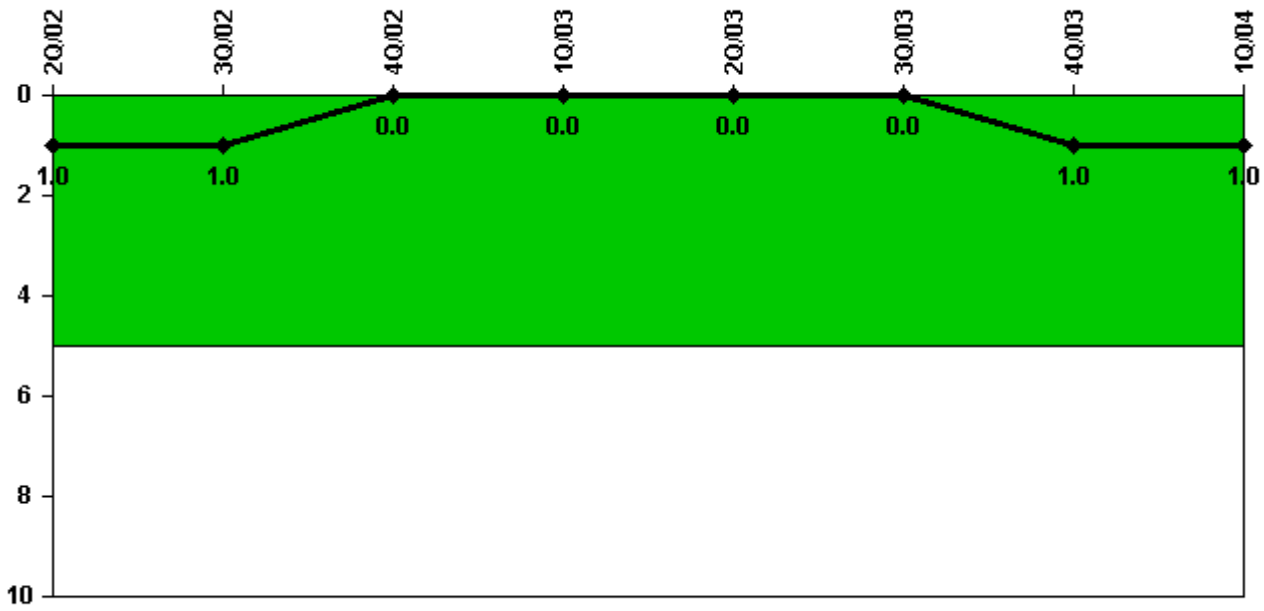
#### Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       | 1Q/04       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 3.99        | 3.40        | 8.58        | 3.82        | 15.05       | 22.10       | 7.40        | 12.70       |
| 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     | 2208.00     | 2209.00     | 2160.00     | 2097.50     | 2208.00     | 2209.00     | 2184.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 14.97       | 0           | 1.82        | 28.20       | 3.47        | 9.90        | 10.80       | 0.60        |
| 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     | 2208.00     | 2209.00     | 2160.00     | 2097.50     | 2208.00     | 2209.00     | 2184.00     |
| <b>Indicator value</b>                                     | <b>0.3%</b> | <b>0.3%</b> | <b>0.3%</b> | <b>0.4%</b> | <b>0.4%</b> | <b>0.5%</b> | <b>0.5%</b> | <b>0.5%</b> |

Licensee Comments:

1Q/04: Engineering evaluation pending regarding safety system unavailability during SSPS testing.

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

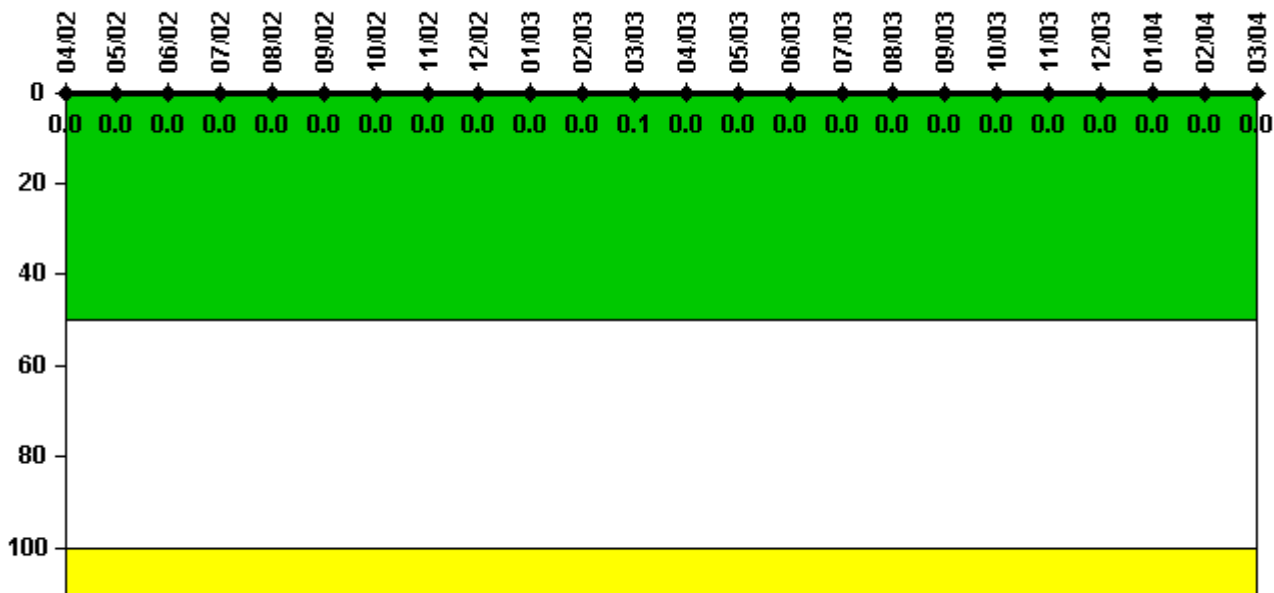
#### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

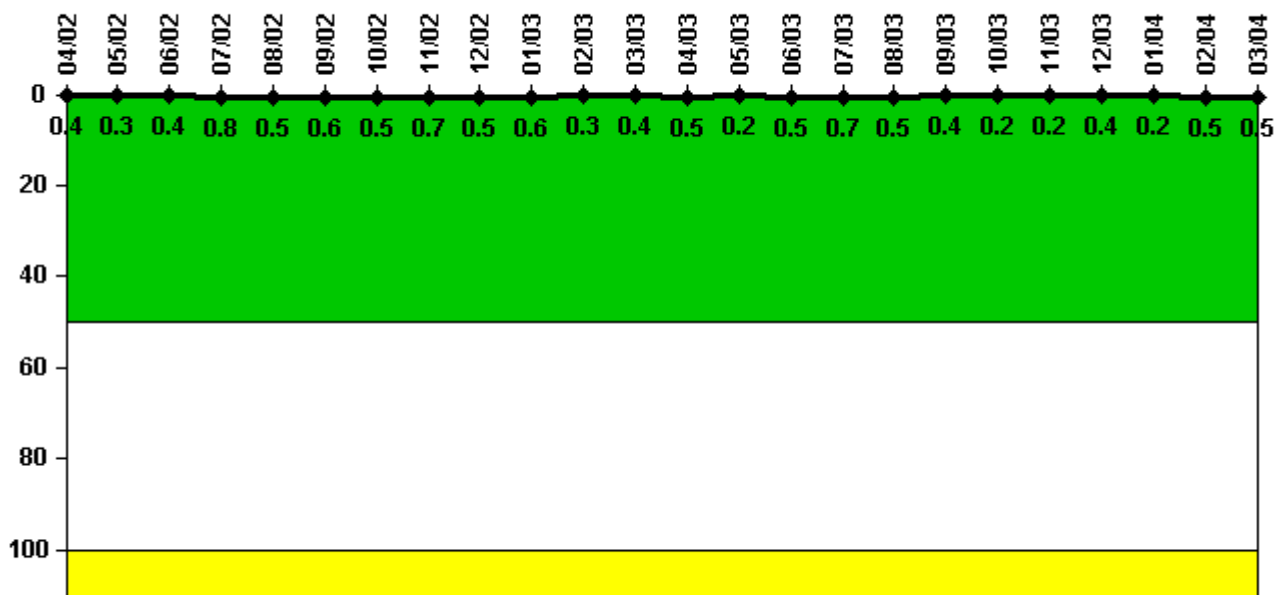
| Reactor Coolant System Activity | 4/02     | 5/02     | 6/02     | 7/02     | 8/02     | 9/02     | 10/02    | 11/02    | 12/02    | 1/03     | 2/03     | 3/03     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000241 | 0.000157 | 0.000212 | 0.000160 | 0.000165 | 0.000355 | 0.000189 | 0.000181 | 0.000187 | 0.000194 | 0.000199 | 0.000732 |
| 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        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0.1      |

| Reactor Coolant System Activity | 4/03     | 5/03     | 6/03     | 7/03     | 8/03     | 9/03     | 10/03    | 11/03    | 12/03    | 1/04     | 2/04     | 3/04     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000208 | 0.000072 | 0.000086 | 0.000092 | 0.000103 | 0.000100 | 0.000173 | 0.000099 | 0.000103 | 0.000109 | 0.000113 | 0.000110 |
| 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        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

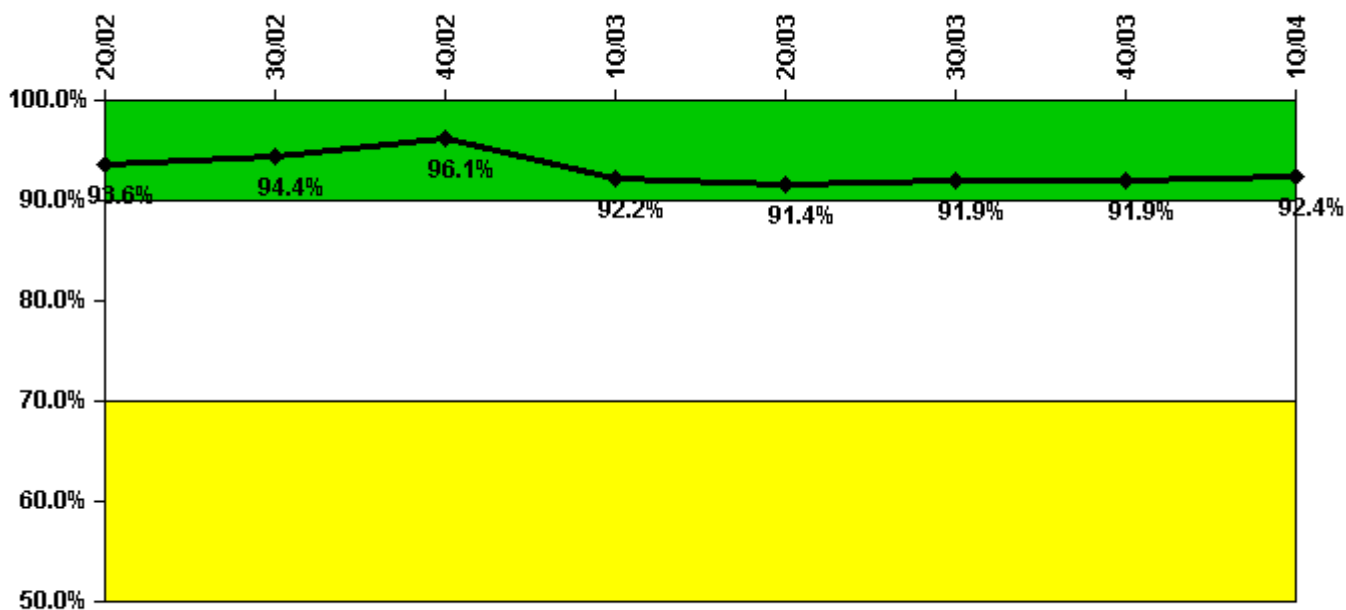
| Reactor Coolant System Leakage | 4/02  | 5/02  | 6/02  | 7/02  | 8/02  | 9/02  | 10/02 | 11/02 | 12/02 | 1/03  | 2/03  | 3/03  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 0.040 | 0.030 | 0.040 | 0.080 | 0.050 | 0.060 | 0.050 | 0.070 | 0.050 | 0.060 | 0.030 | 0.040 |
| 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                | 0.4   | 0.3   | 0.4   | 0.8   | 0.5   | 0.6   | 0.5   | 0.7   | 0.5   | 0.6   | 0.3   | 0.4   |

| Reactor Coolant System Leakage | 4/03  | 5/03  | 6/03  | 7/03  | 8/03  | 9/03  | 10/03 | 11/03 | 12/03 | 1/04  | 2/04  | 3/04  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 0.050 | 0.020 | 0.050 | 0.070 | 0.050 | 0.040 | 0.020 | 0.020 | 0.040 | 0.020 | 0.050 | 0.050 |
| 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                | 0.5   | 0.2   | 0.5   | 0.7   | 0.5   | 0.4   | 0.2   | 0.2   | 0.4   | 0.2   | 0.5   | 0.5   |

Licensee Comments: none

### Drill/Exercise Performance



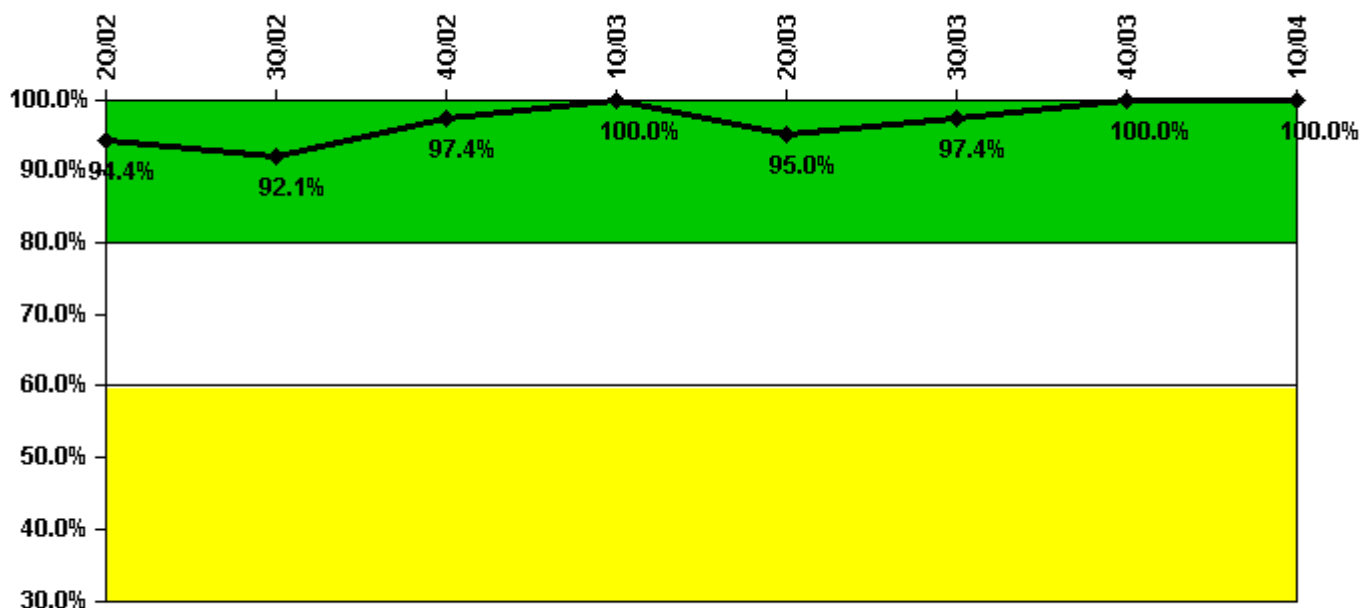
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 10.0  | 18.0  | 26.0  | 63.0  | 37.0  | 20.0  | 23.0  | 34.0  |
| Total opportunities        | 10.0  | 18.0  | 28.0  | 73.0  | 40.0  | 20.0  | 25.0  | 36.0  |
|                            |       |       |       |       |       |       |       |       |
| Indicator value            | 93.6% | 94.4% | 96.1% | 92.2% | 91.4% | 91.9% | 91.9% | 92.4% |

Licensee Comments: none

### ERO Drill Participation



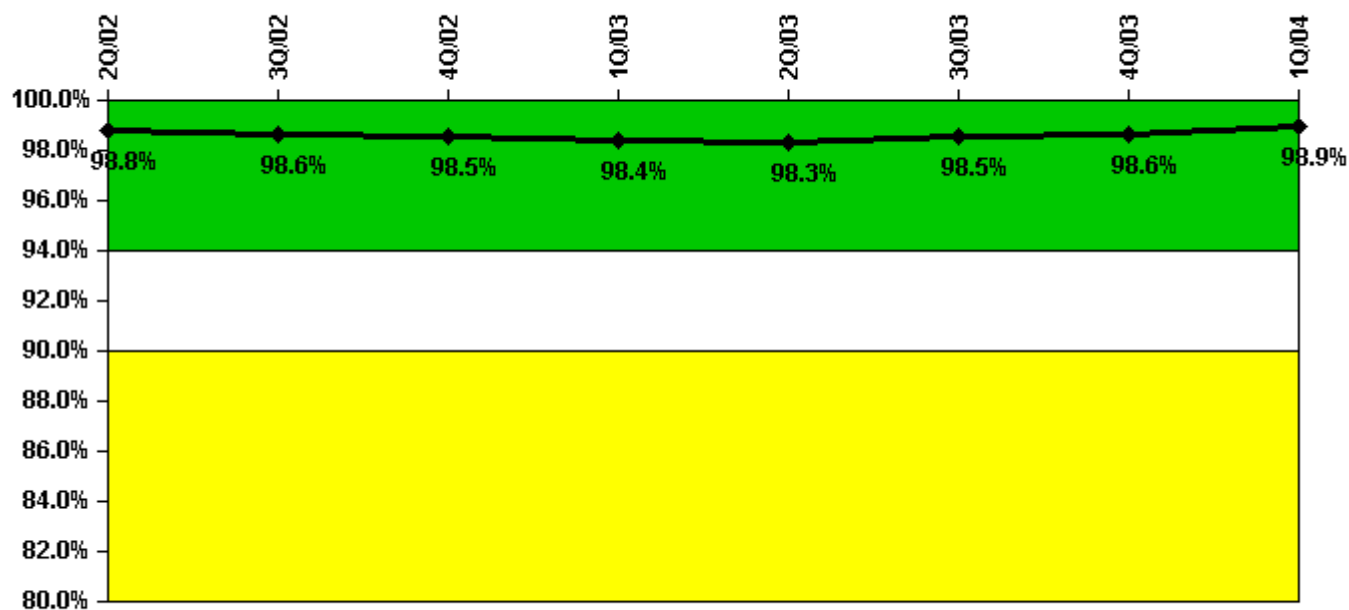
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03  | 2Q/03 | 3Q/03 | 4Q/03  | 1Q/04  |
|-----------------------------|-------|-------|-------|--------|-------|-------|--------|--------|
| Participating Key personnel | 34.0  | 35.0  | 38.0  | 37.0   | 38.0  | 38.0  | 36.0   | 36.0   |
| Total Key personnel         | 36.0  | 38.0  | 39.0  | 37.0   | 40.0  | 39.0  | 36.0   | 36.0   |
|                             |       |       |       |        |       |       |        |        |
| Indicator value             | 94.4% | 92.1% | 97.4% | 100.0% | 95.0% | 97.4% | 100.0% | 100.0% |

Licensee Comments: none

### Alert & Notification System



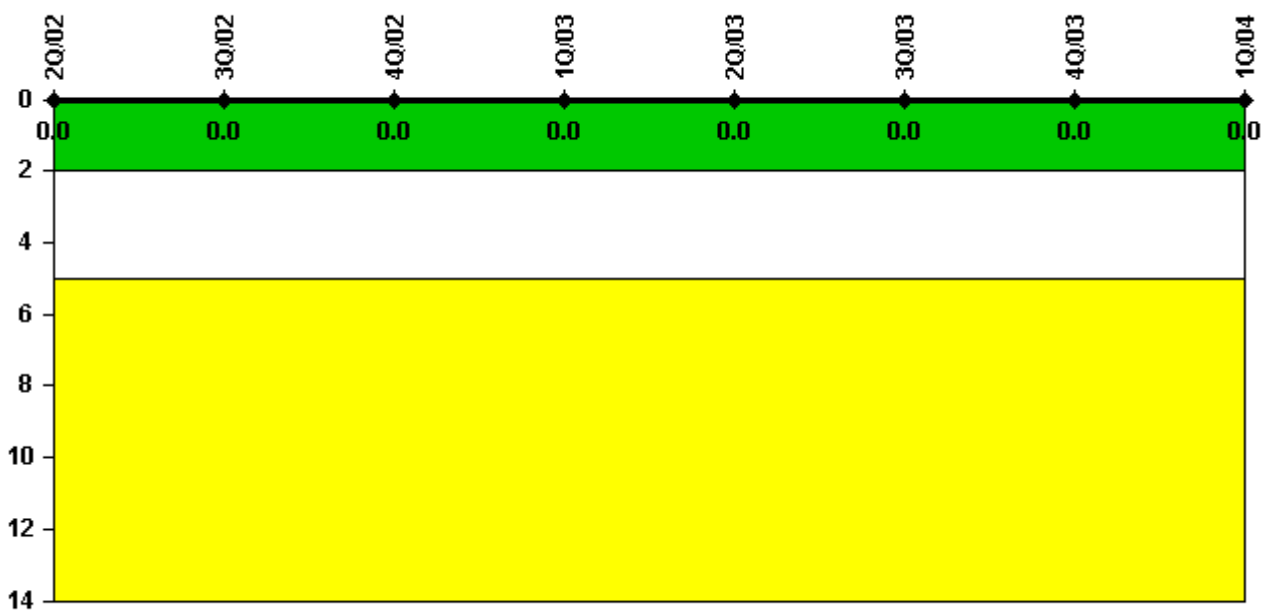
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 564   | 708   | 640   | 558   | 643   | 633   | 642   | 565   |
| Total sirens-tests          | 567   | 729   | 648   | 567   | 648   | 648   | 648   | 567   |
|                             |       |       |       |       |       |       |       |       |
| Indicator value             | 98.8% | 98.6% | 98.5% | 98.4% | 98.3% | 98.5% | 98.6% | 98.9% |

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

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



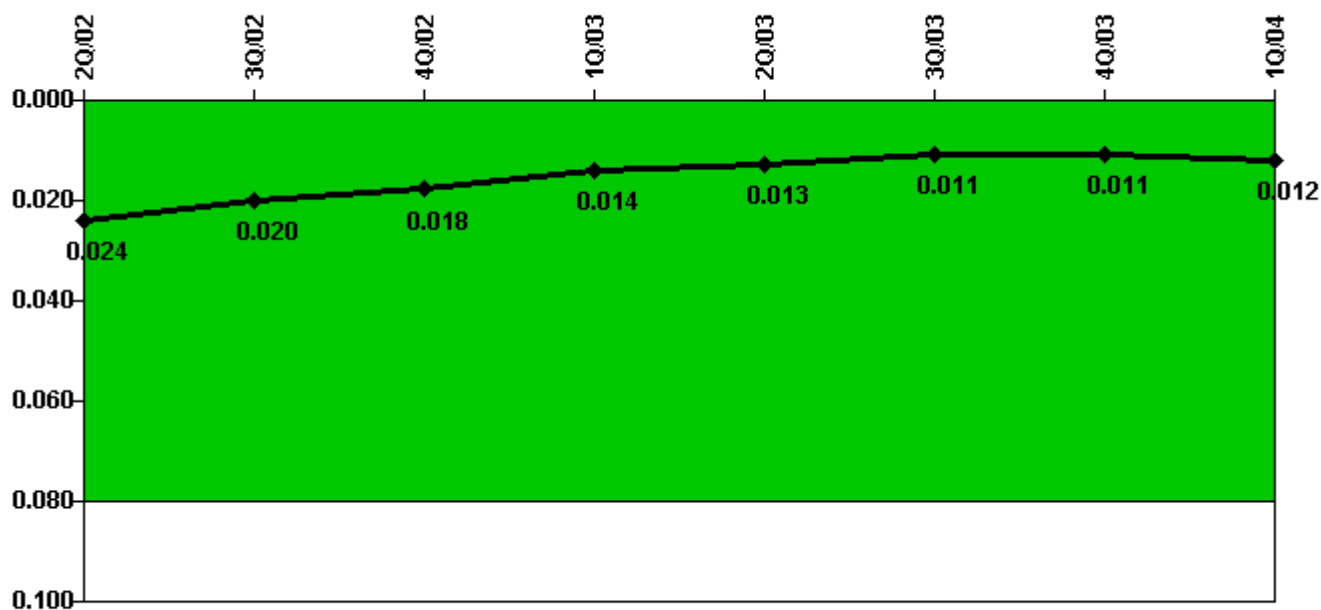
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

| RETS/ODCM Radiological Effluent | 2Q/02    | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM 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

### Protected Area Security Performance Index



Thresholds: White > 0.080

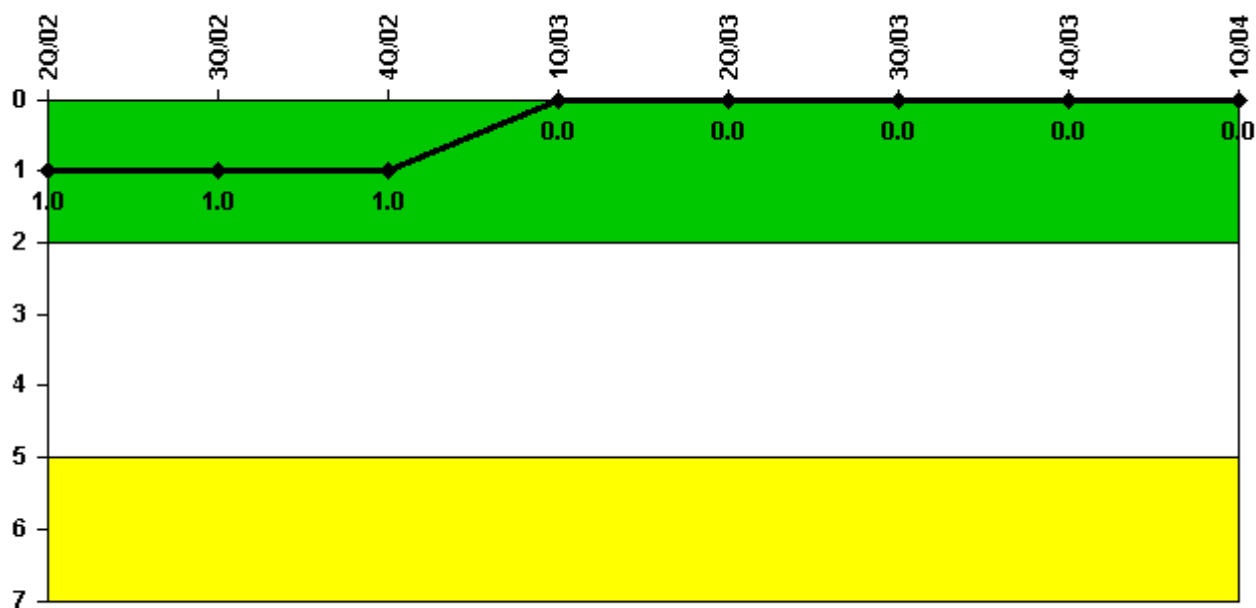
#### Notes

| Protected Area Security Performance Index | 2Q/02        | 3Q/02        | 4Q/02        | 1Q/03        | 2Q/03        | 3Q/03        | 4Q/03        | 1Q/04        |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours                    | 184.08       | 229.30       | 133.90       | 77.00        | 144.61       | 127.39       | 143.58       | 175.11       |
| CCTV compensatory hours                   | 3.1          | 0            | 5.3          | 18.8         | 0            | 0            | 0            | 0            |
| IDS normalization factor                  | 2.85         | 2.85         | 2.85         | 2.85         | 2.85         | 2.85         | 2.85         | 2.85         |
| CCTV normalization factor                 | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          |
|   |              |              |              |              |              |              |              |              |
| <b>Index Value</b>                        | <b>0.024</b> | <b>0.020</b> | <b>0.018</b> | <b>0.014</b> | <b>0.013</b> | <b>0.011</b> | <b>0.011</b> | <b>0.012</b> |

Licensee Comments: none



### Personnel Screening Program



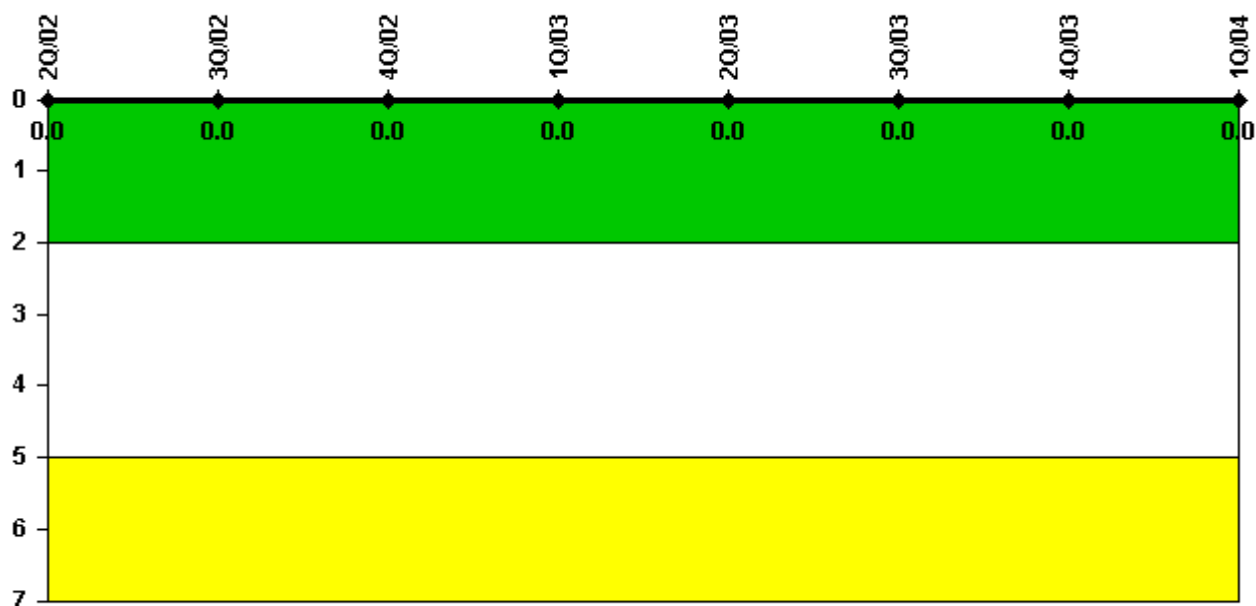
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 2Q/02    | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program failures            | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                             |          |          |          |          |          |          |          |          |
| <b>Indicator value</b>      | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |

Licensee Comments: none

### FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| FFD/Personnel Reliability | 2Q/02    | 3Q/02    | 4Q/02    | 1Q/03    | 2Q/03    | 3Q/03    | 4Q/03    | 1Q/04    |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program Failures          | 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

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

Last Modified: April 22, 2004