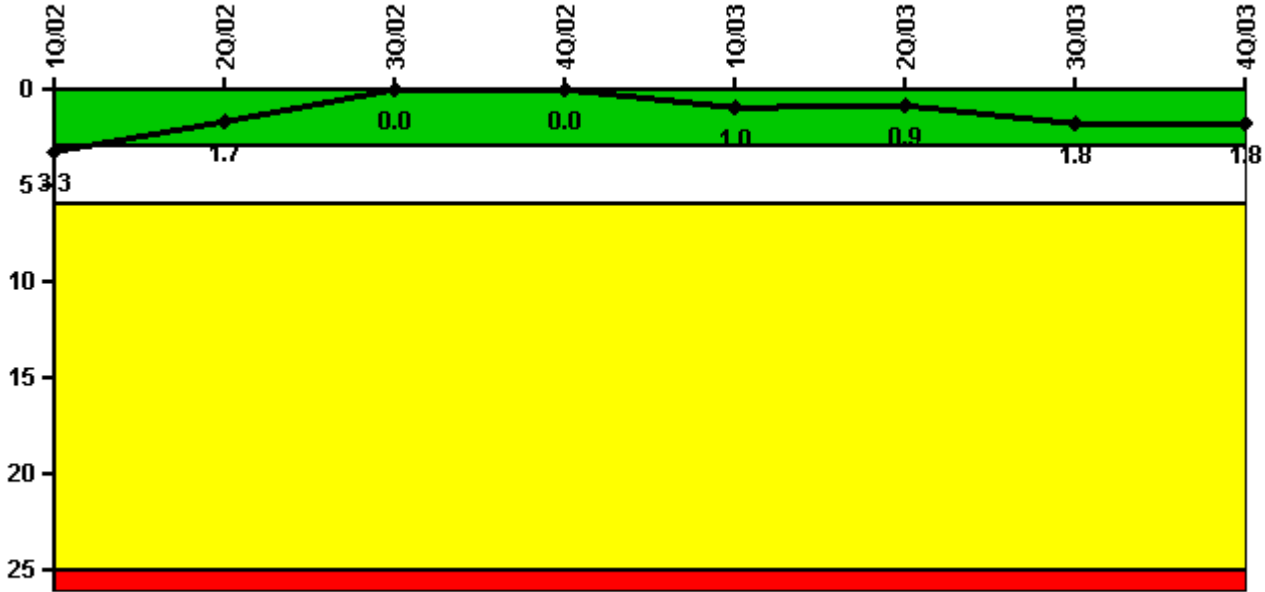


# La Salle 2

## 4Q/2003 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



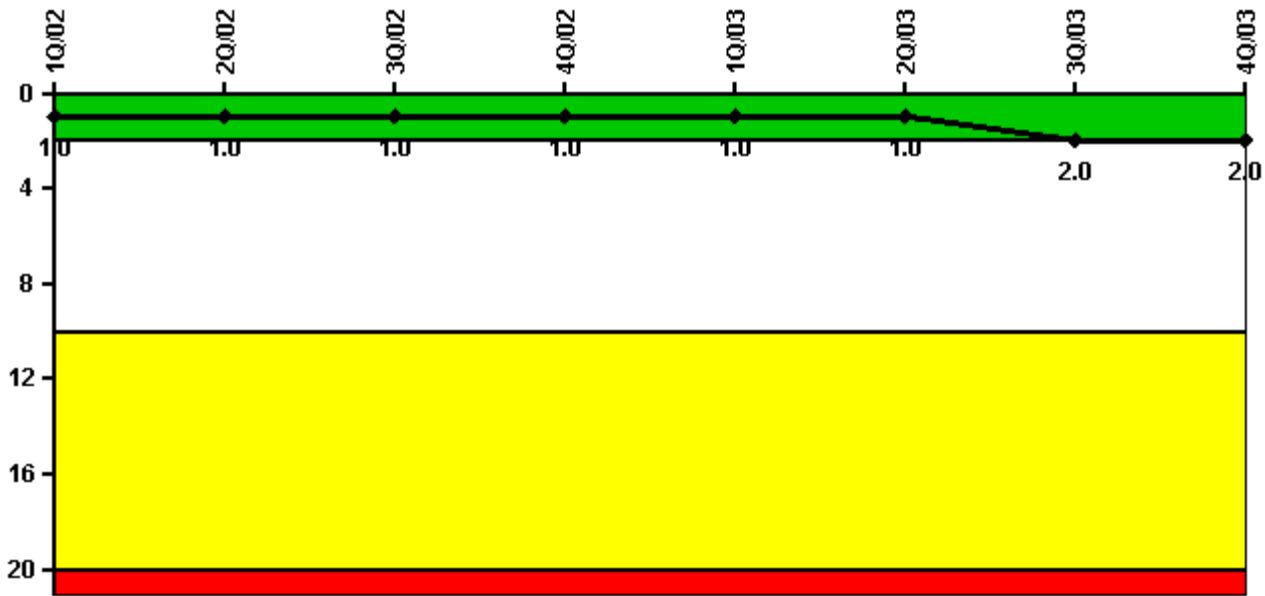
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/02  | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03  | 3Q/03  | 4Q/03  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 0      | 0      | 1.0    | 0      | 1.0    | 0      |
| Critical hours                         | 2160.0 | 1819.8 | 2208.0 | 1948.4 | 1383.3 | 2183.0 | 2111.4 | 2209.0 |
| Indicator value                        | 3.3    | 1.7    | 0      | 0      | 1.0    | 0.9    | 1.8    | 1.8    |

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



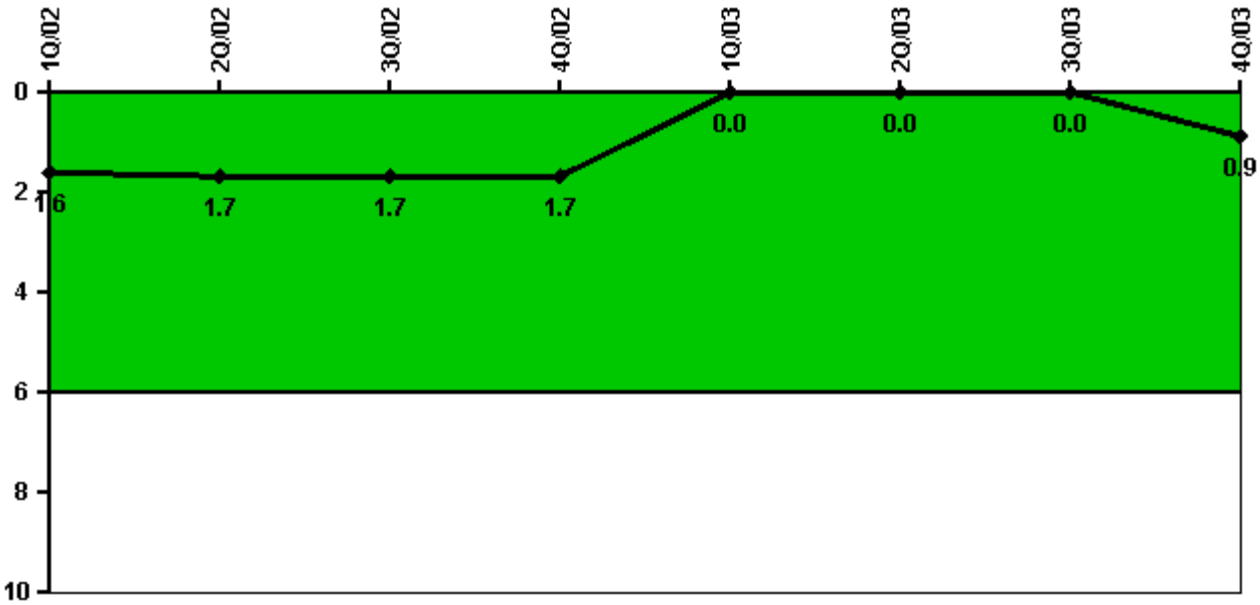
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

| Scrams with Loss of Normal Heat Removal | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 1.0   | 0     |
|   |       |       |       |       |       |       |       |       |
| Indicator value                         | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 2.0   | 2.0   |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



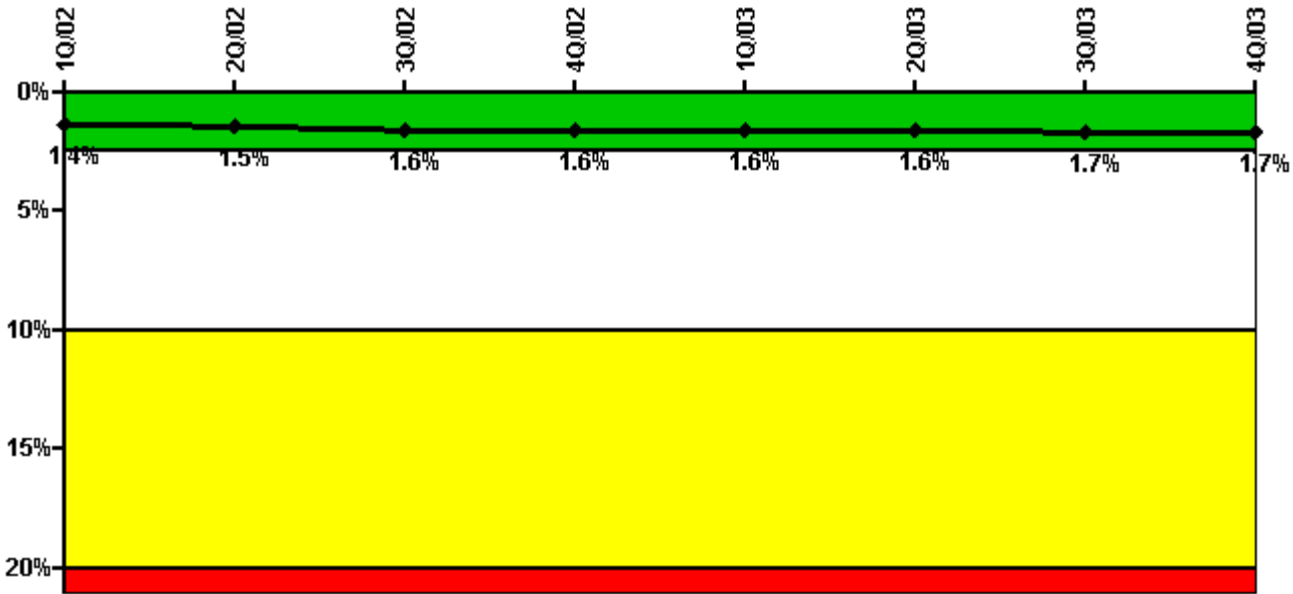
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/02  | 2Q/02  | 3Q/02  | 4Q/02  | 1Q/03  | 2Q/03  | 3Q/03  | 4Q/03  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 2.0    | 0      | 0      | 0      | 0      | 0      | 0      | 1.0    |
| Critical hours                                | 2160.0 | 1819.8 | 2208.0 | 1948.4 | 1383.3 | 2183.0 | 2111.4 | 2209.0 |
|   |        |        |        |        |        |        |        |        |
| Indicator value                               | 1.6    | 1.7    | 1.7    | 1.7    | 0      | 0      | 0      | 0.9    |

Licensee Comments: none

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



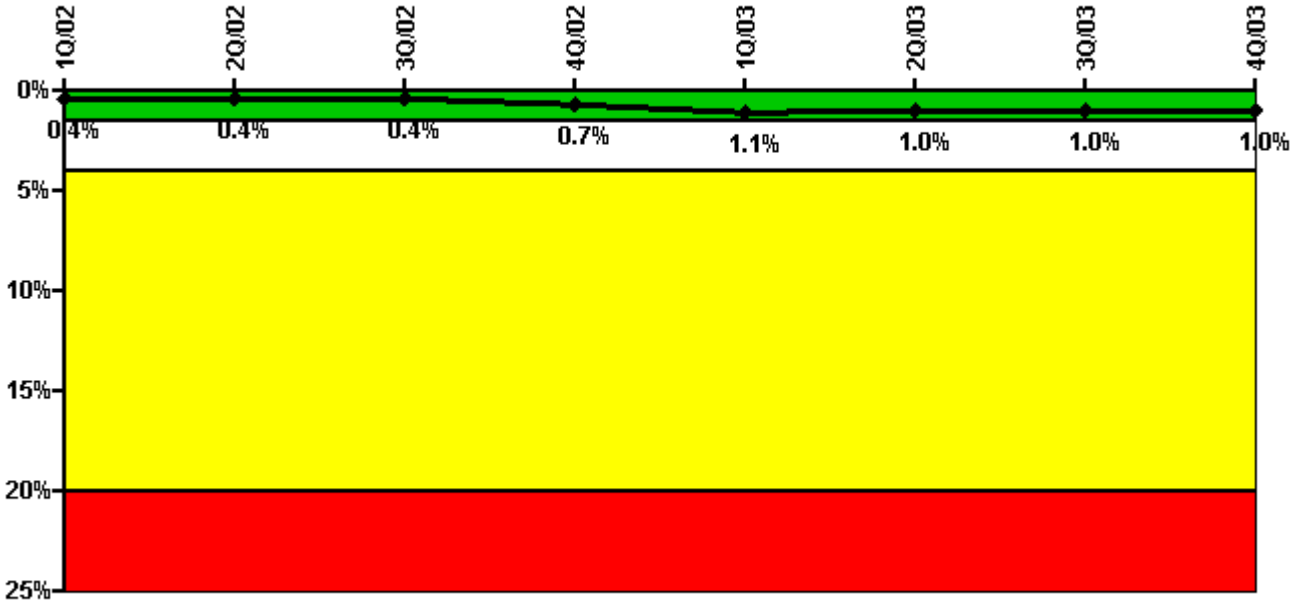
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

**Notes**

| Safety System Unavailability, Emergency AC Power, >2EDG | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 5.20        | 6.95        | 82.40       | 1.13        | 20.10       | 21.60       | 43.63       | 7.52        |
| Unplanned unavailable hours                             | 6.30        | 0           | 28.00       | 0           | 0           | 51.15       | 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  | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 42.12       | 1.22        | 0.75        | 35.65       | 55.53       | 2.72        | 0.75        | 0.75        |
| 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  | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 3</b>  |             |             |             |             |             |             |             |             |
| Planned unavailable hours                               | 0.75        | 75.65       | 8.93        | 47.16       | 80.47       | 0.75        | 0.75        | 2.12        |
| Unplanned unavailable hours                             | 0           | 6.27        | 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  | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Indicator value</b>                                  | <b>1.4%</b> | <b>1.5%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.6%</b> | <b>1.7%</b> | <b>1.7%</b> |

Licensee Comments: none

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



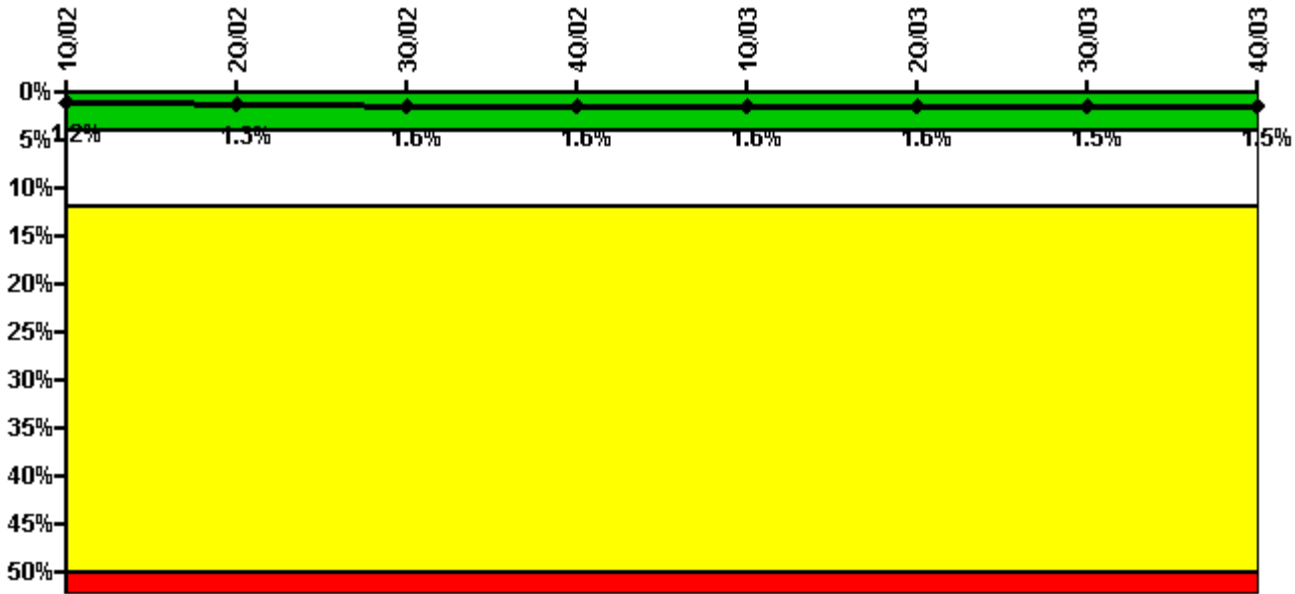
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

#### Notes

| Safety System Unavailability, High Pressure Injection System (HPCS) | 1Q/02   | 2Q/02   | 3Q/02   | 4Q/02   | 1Q/03   | 2Q/03   | 3Q/03   | 4Q/03   |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1   |         |         |         |         |         |         |         |         |
| Planned unavailable hours   | 0       | 20.10   | 0       | 73.80   | 81.40   | 0       | 0       | 0       |
| Unplanned unavailable hours   | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| Fault exposure hours  | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| Effective Reset hours   | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       |
| Required hours  | 2160.00 | 1819.80 | 2208.00 | 1948.40 | 1383.30 | 2183.00 | 2111.40 | 2209.00 |
| Indicator value   | 0.4%    | 0.4%    | 0.4%    | 0.7%    | 1.1%    | 1.0%    | 1.0%    | 1.0%    |

Licensee Comments: none

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



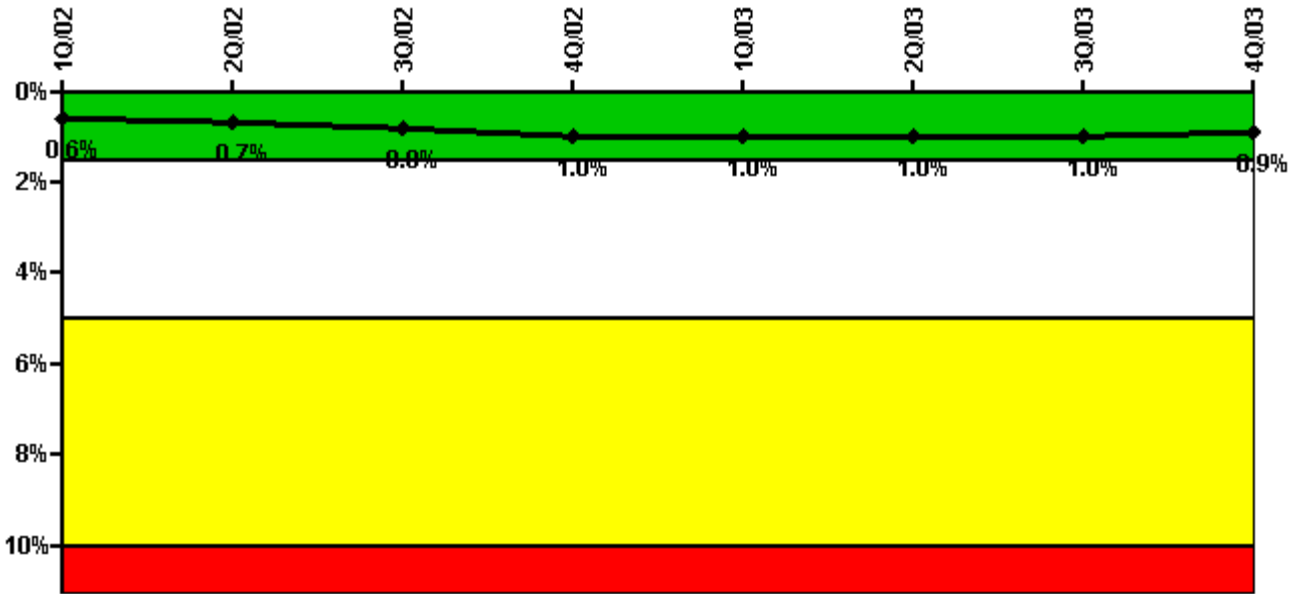
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/02   | 2Q/02   | 3Q/02   | 4Q/02   | 1Q/03   | 2Q/03   | 3Q/03   | 4Q/03   |
|--|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1  |         |         |         |         |         |         |         |         |
| Planned unavailable hours                                | 1.60    | 40.20   | 43.00   | 2.80    | 0.40    | 13.50   | 1.53    | 0       |
| Unplanned unavailable hours                              | 0       | 3.70    | 20.10   | 0.30    | 6.00    | 13.30   | 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   | 2160.00 | 1819.80 | 2208.00 | 1948.40 | 1383.30 | 2183.00 | 2111.40 | 2209.00 |
| Indicator value  | 1.2%    | 1.3%    | 1.6%    | 1.6%    | 1.6%    | 1.6%    | 1.5%    | 1.5%    |

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



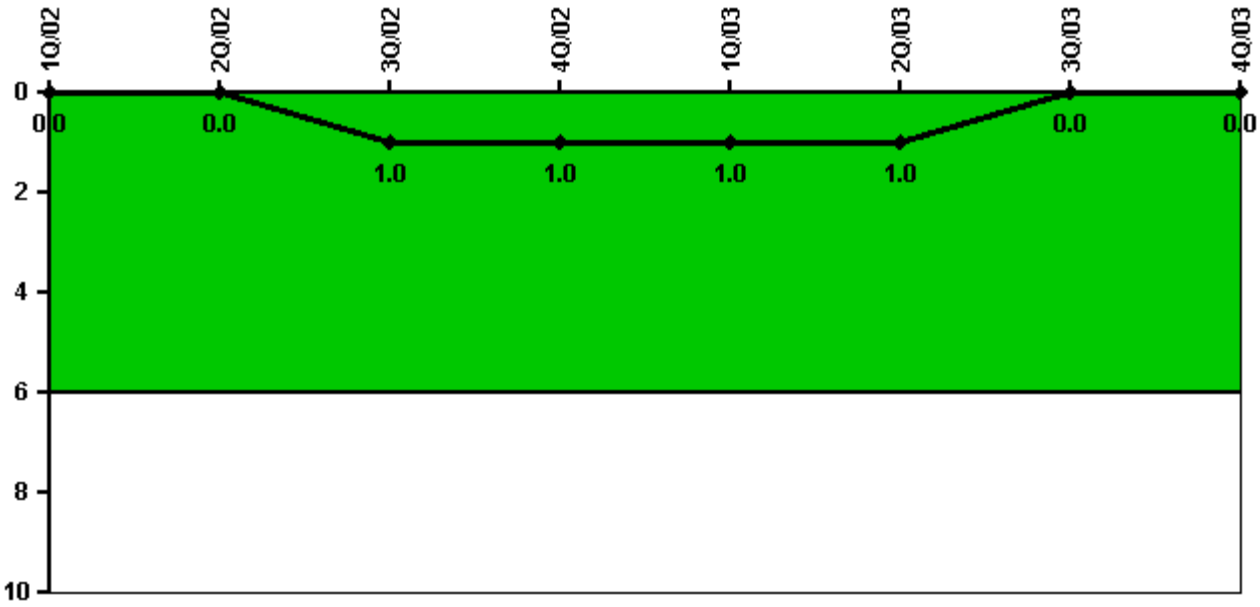
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

| Safety System Unavailability, Residual Heat Removal System | 1Q/02       | 2Q/02       | 3Q/02       | 4Q/02       | 1Q/03       | 2Q/03       | 3Q/03       | 4Q/03       |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Train 1</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 1.00        | 23.90       | 56.10       | 31.10       | 22.80       | 0           | 25.70       | 0           |
| Unplanned unavailable hours                                | 0           | 0           | 20.10       | 0.30        | 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   | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
| <b>Train 2</b>   |             |             |             |             |             |             |             |             |
| Planned unavailable hours                                  | 0.80        | 27.40       | 0           | 36.40       | 3.00        | 40.90       | 15.20       | 0           |
| Unplanned unavailable hours                                | 0           | 0           | 0.90        | 0.70        | 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   | 2160.00     | 2183.00     | 2208.00     | 2209.00     | 2160.00     | 2183.00     | 2208.00     | 2209.00     |
|  |             |             |             |             |             |             |             |             |
| <b>Indicator value</b>                                     | <b>0.6%</b> | <b>0.7%</b> | <b>0.8%</b> | <b>1.0%</b> | <b>1.0%</b> | <b>1.0%</b> | <b>1.0%</b> | <b>0.9%</b> |

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

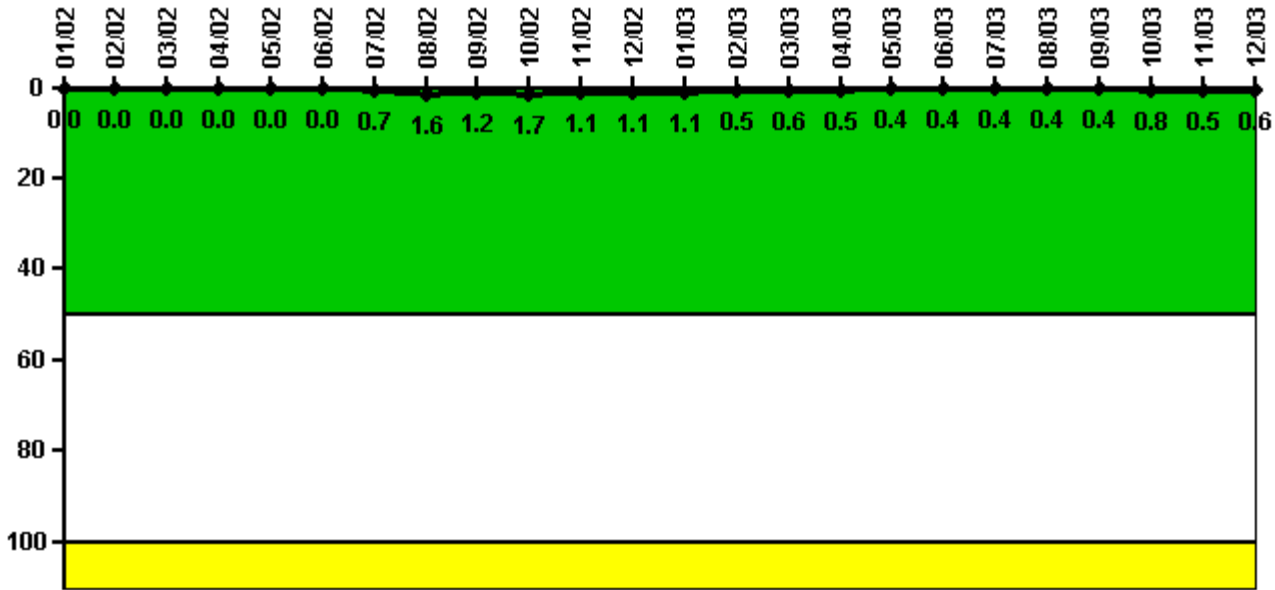
#### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

**Notes**

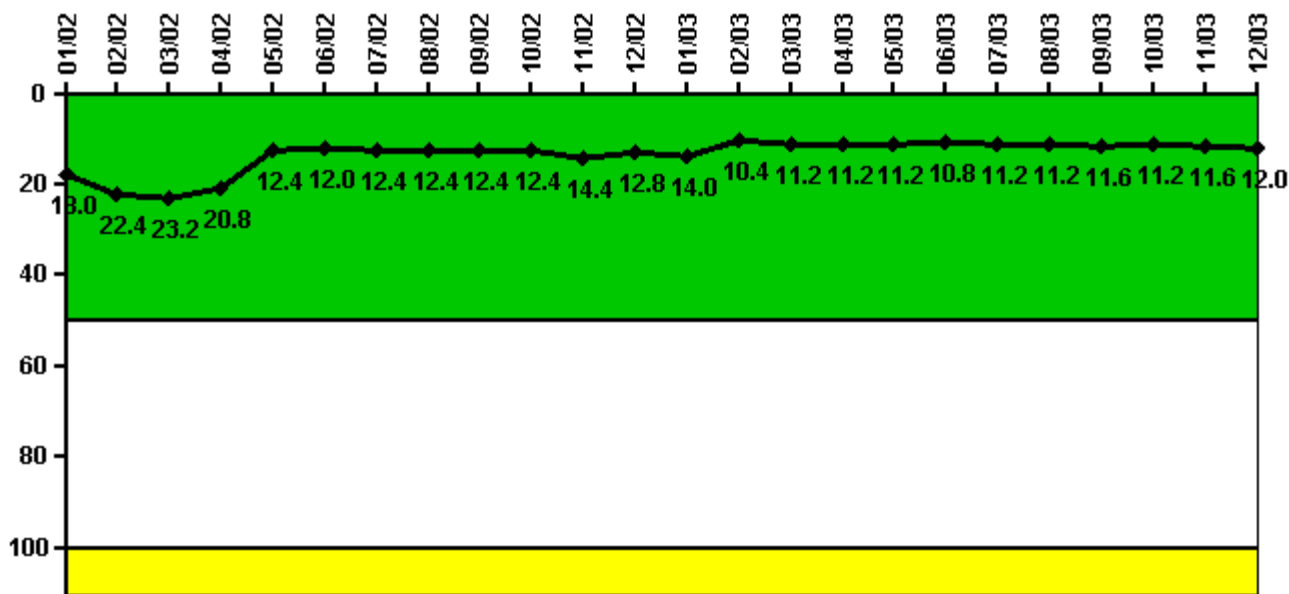
| Reactor Coolant System Activity | 1/02     | 2/02     | 3/02     | 4/02     | 5/02     | 6/02     | 7/02     | 8/02     | 9/02     | 10/02    | 11/02    | 12/02    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000010 | 0.000017 | 0.000013 | 0.000020 | 0.000048 | 0.000039 | 0.001420 | 0.003120 | 0.002370 | 0.003450 | 0.002150 | 0.002120 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 0        | 0        | 0        | 0        | 0        | 0        | 0.7      | 1.6      | 1.2      | 1.7      | 1.1      | 1.1      |

| Reactor Coolant System Activity | 1/03     | 2/03     | 3/03     | 4/03     | 5/03     | 6/03     | 7/03     | 8/03     | 9/03     | 10/03    | 11/03    | 12/03    |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.002150 | 0.000989 | 0.001210 | 0.001000 | 0.000731 | 0.000839 | 0.000744 | 0.000737 | 0.000786 | 0.001570 | 0.001000 | 0.001140 |
| Technical specification limit   | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      | 0.2      |
| Indicator value                 | 1.1      | 0.5      | 0.6      | 0.5      | 0.4      | 0.4      | 0.4      | 0.4      | 0.4      | 0.8      | 0.5      | 0.6      |

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

**Notes**

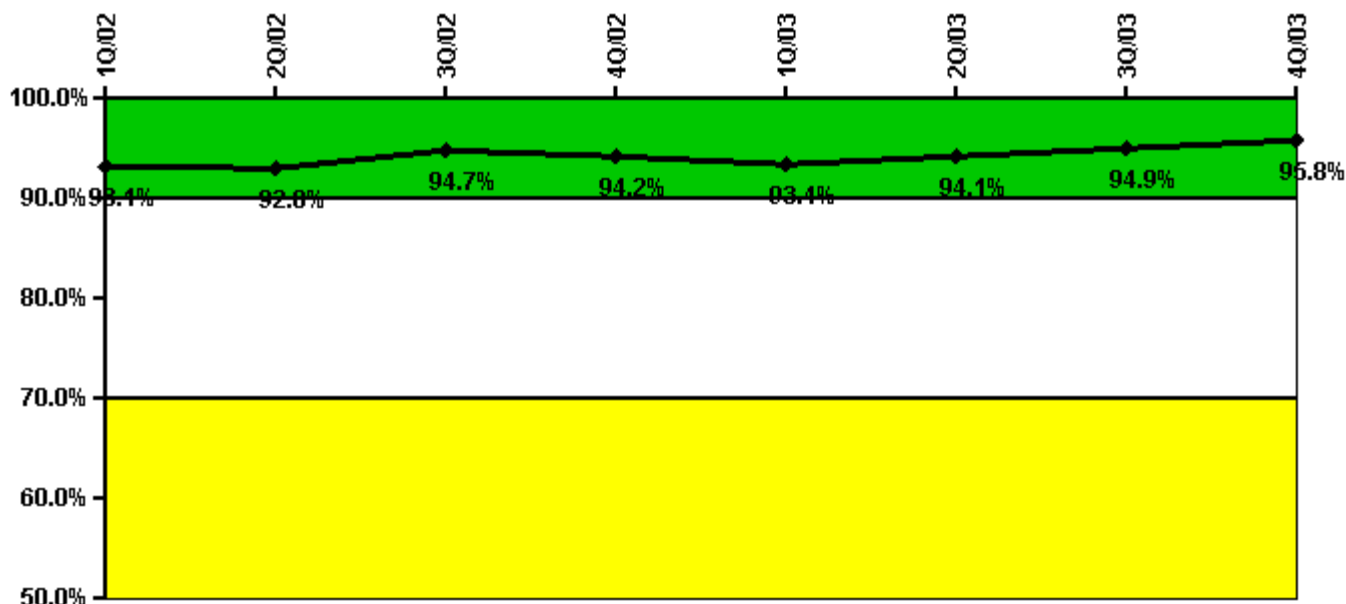
| Reactor Coolant System Leakage | 1/02  | 2/02  | 3/02  | 4/02  | 5/02  | 6/02  | 7/02  | 8/02  | 9/02  | 10/02 | 11/02 | 12/02 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 4.500 | 5.600 | 5.800 | 5.200 | 3.100 | 3.000 | 3.100 | 3.100 | 3.100 | 3.100 | 3.600 | 3.200 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 18.0  | 22.4  | 23.2  | 20.8  | 12.4  | 12.0  | 12.4  | 12.4  | 12.4  | 12.4  | 14.4  | 12.8  |

| Reactor Coolant System Leakage | 1/03  | 2/03  | 3/03  | 4/03  | 5/03  | 6/03  | 7/03  | 8/03  | 9/03  | 10/03 | 11/03 | 12/03 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 3.500 | 2.600 | 2.800 | 2.800 | 2.800 | 2.700 | 2.800 | 2.800 | 2.900 | 2.800 | 2.900 | 3.000 |
| Technical specification limit  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  | 25.0  |
| Indicator value                | 14.0  | 10.4  | 11.2  | 11.2  | 11.2  | 10.8  | 11.2  | 11.2  | 11.6  | 11.2  | 11.6  | 12.0  |

Licensee Comments: none

### Drill/Exercise Performance



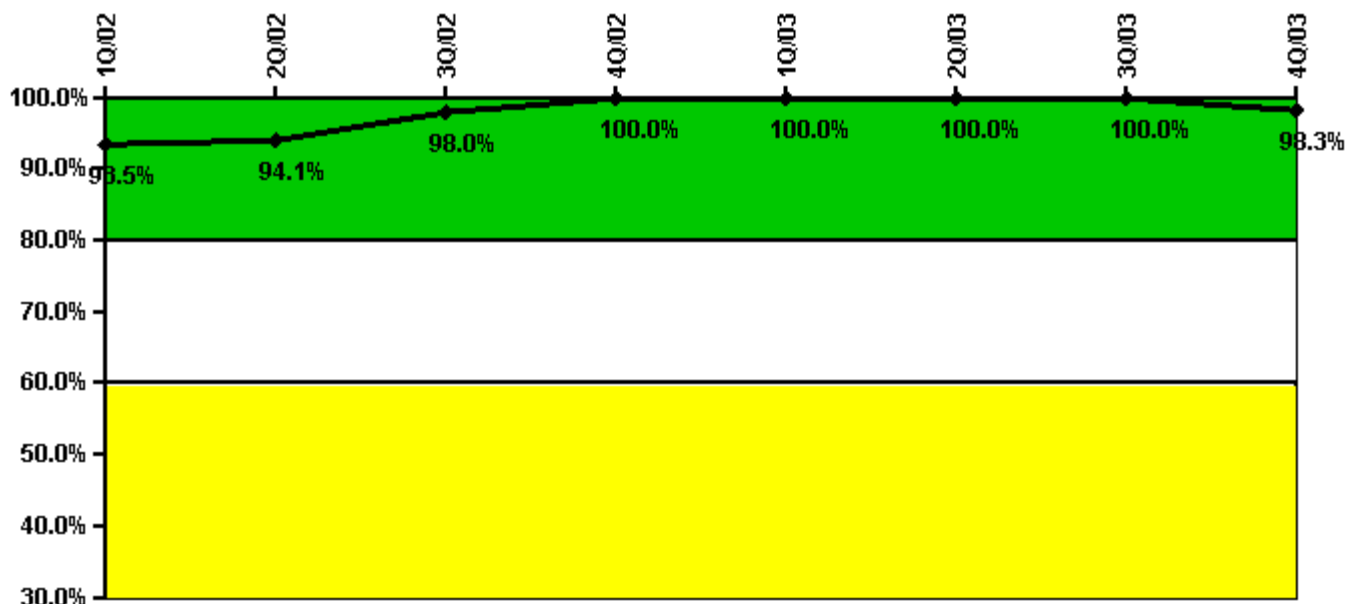
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 18.0  | 11.0  | 47.0  | 17.0  | 13.0  | 46.0  | 44.0  | 32.0  |
| Total opportunities        | 20.0  | 12.0  | 48.0  | 18.0  | 14.0  | 47.0  | 47.0  | 32.0  |
|                            |       |       |       |       |       |       |       |       |
| Indicator value            | 93.1% | 92.8% | 94.7% | 94.2% | 93.4% | 94.1% | 94.9% | 95.8% |

Licensee Comments: none

### ERO Drill Participation



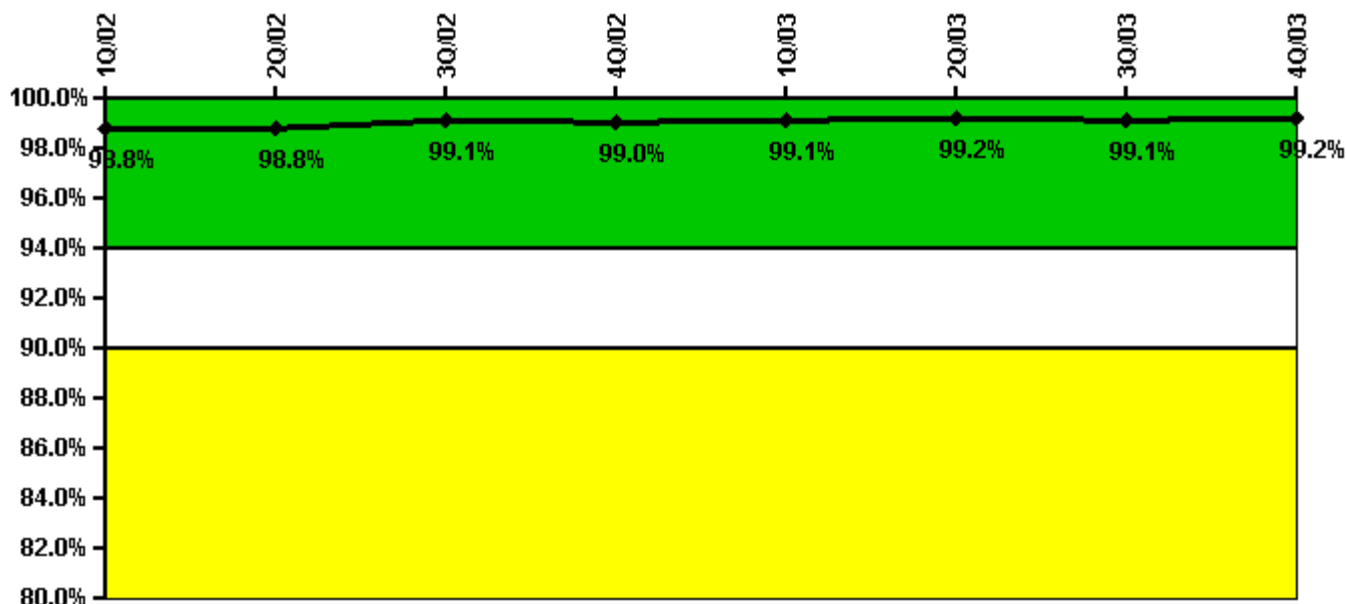
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02  | 1Q/03  | 2Q/03  | 3Q/03  | 4Q/03 |
|-----------------------------|-------|-------|-------|--------|--------|--------|--------|-------|
| Participating Key personnel | 43.0  | 48.0  | 50.0  | 51.0   | 54.0   | 53.0   | 56.0   | 57.0  |
| Total Key personnel         | 46.0  | 51.0  | 51.0  | 51.0   | 54.0   | 53.0   | 56.0   | 58.0  |
|                             |       |       |       |        |        |        |        |       |
| Indicator value             | 93.5% | 94.1% | 98.0% | 100.0% | 100.0% | 100.0% | 100.0% | 98.3% |

Licensee Comments: none

### Alert & Notification System



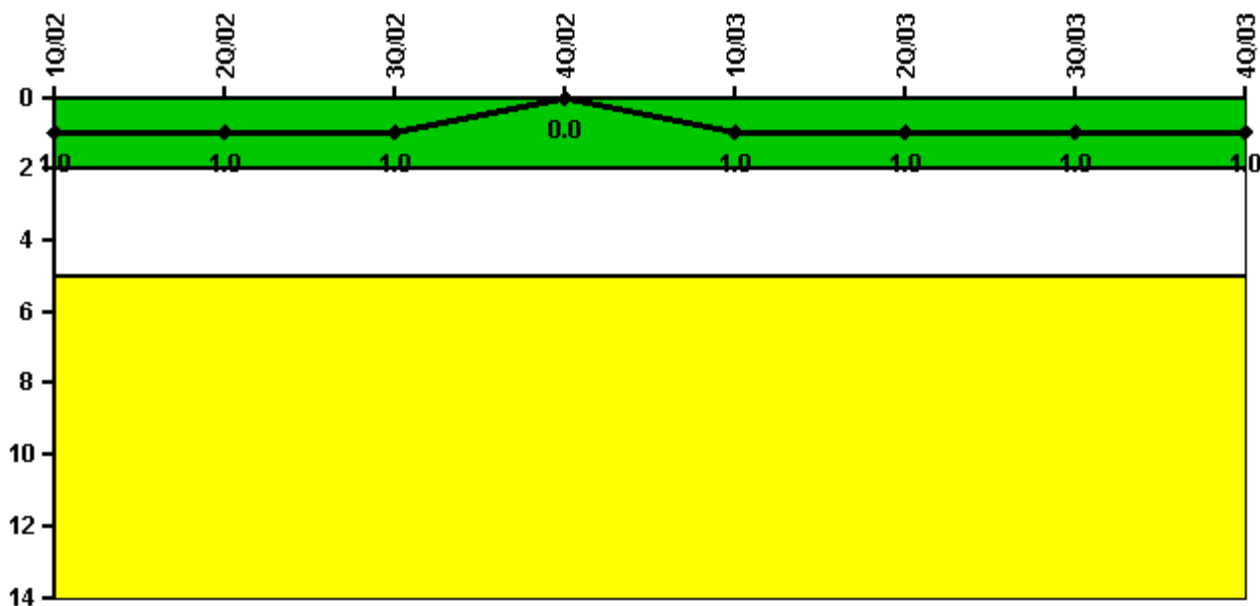
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 2120  | 2150  | 2160  | 2489  | 3129  | 3173  | 3159  | 3192  |
| Total sirens-tests          | 2142  | 2176  | 2176  | 2512  | 3150  | 3200  | 3200  | 3200  |
|                             |       |       |       |       |       |       |       |       |
| Indicator value             | 98.8% | 98.8% | 99.1% | 99.0% | 99.1% | 99.2% | 99.1% | 99.2% |

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Occupational Exposure Control Effectiveness | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| High radiation area occurrences             | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     |
| Very high radiation area occurrences        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Unintended exposure occurrences             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                             | 1     | 1     | 1     | 0     | 1     | 1     | 1     | 1     |

Licensee Comments: none

### RETS/ODCM Radiological Effluent



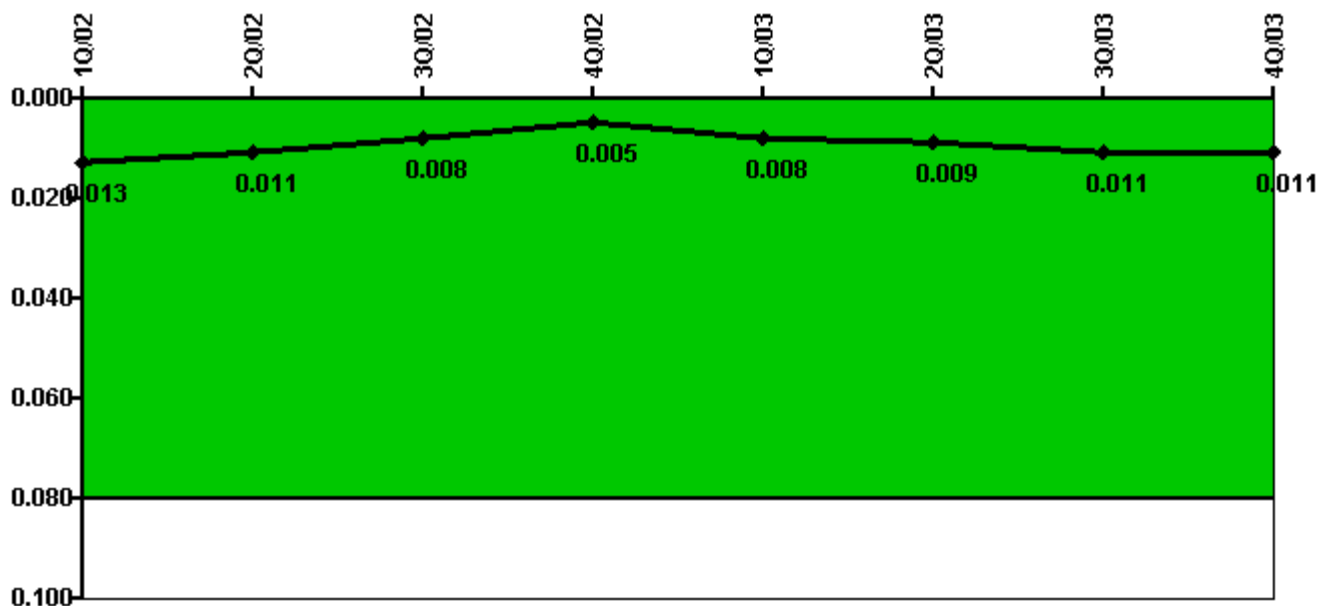
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

| RETS/ODCM Radiological Effluent | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| IDS compensatory hours                    | 10.80 | 11.50 | 36.40 | 42.60 | 49.40 | 47.70 | 23.90 | 43.50 |
| CCTV compensatory hours                   | 0     | 4.7   | 2.8   | 0     | 8.5   | 4.7   | 48.9  | 0     |
| IDS normalization factor                  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  | 1.20  |
| CCTV normalization factor                 | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   |
|   |       |       |       |       |       |       |       |       |
| Index Value                               | 0.013 | 0.011 | 0.008 | 0.005 | 0.008 | 0.009 | 0.011 | 0.011 |

Licensee Comments: none



### Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Personnel Screening Program | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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](#) | [Reactor Oversight Process](#)

Last Modified: January 23, 2004