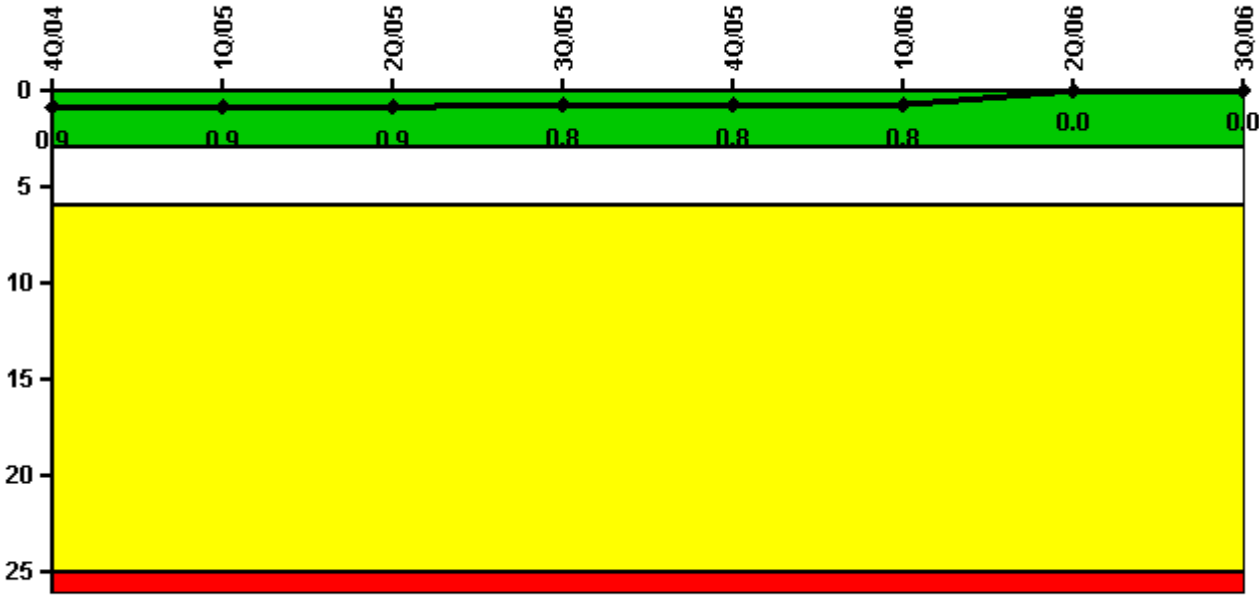


# Oyster Creek

## 3Q/2006 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



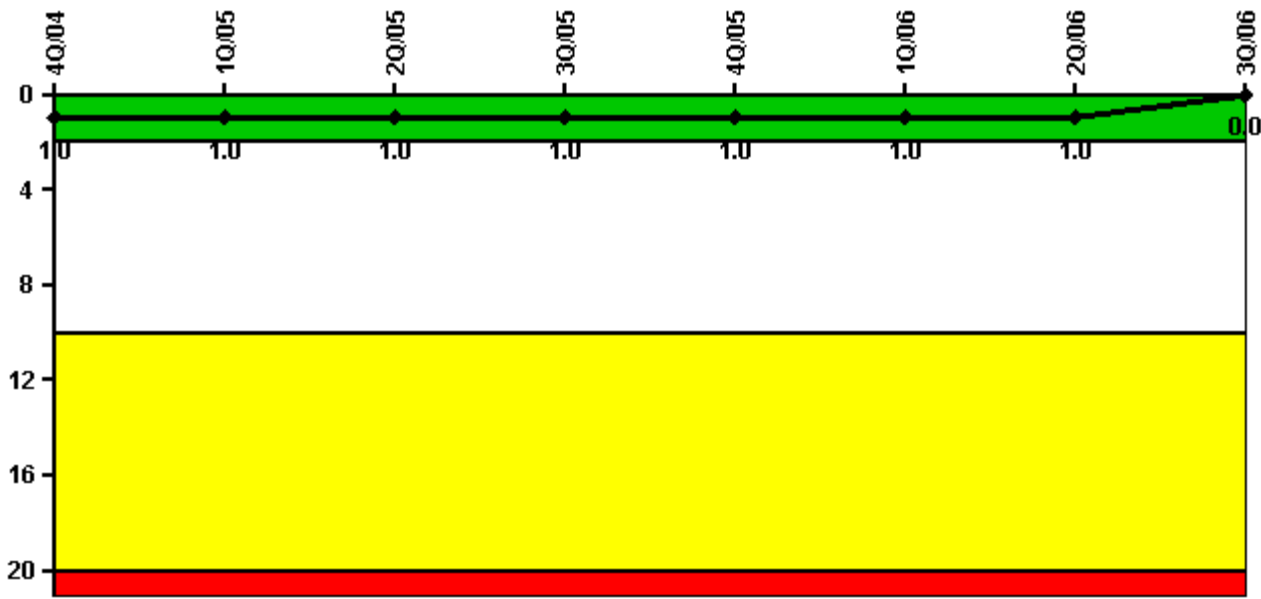
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/04  | 1Q/05  | 2Q/05  | 3Q/05  | 4Q/05  | 1Q/06  | 2Q/06  | 3Q/06  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams                       | 0      | 0      | 1.0    | 0      | 0      | 0      | 0      | 0      |
| Critical hours                         | 1750.3 | 2160.0 | 2139.0 | 2208.0 | 2209.0 | 1999.4 | 2072.1 | 2208.0 |
| Indicator value                        | 0.9    | 0.9    | 0.9    | 0.8    | 0.8    | 0.8    | 0      | 0      |

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



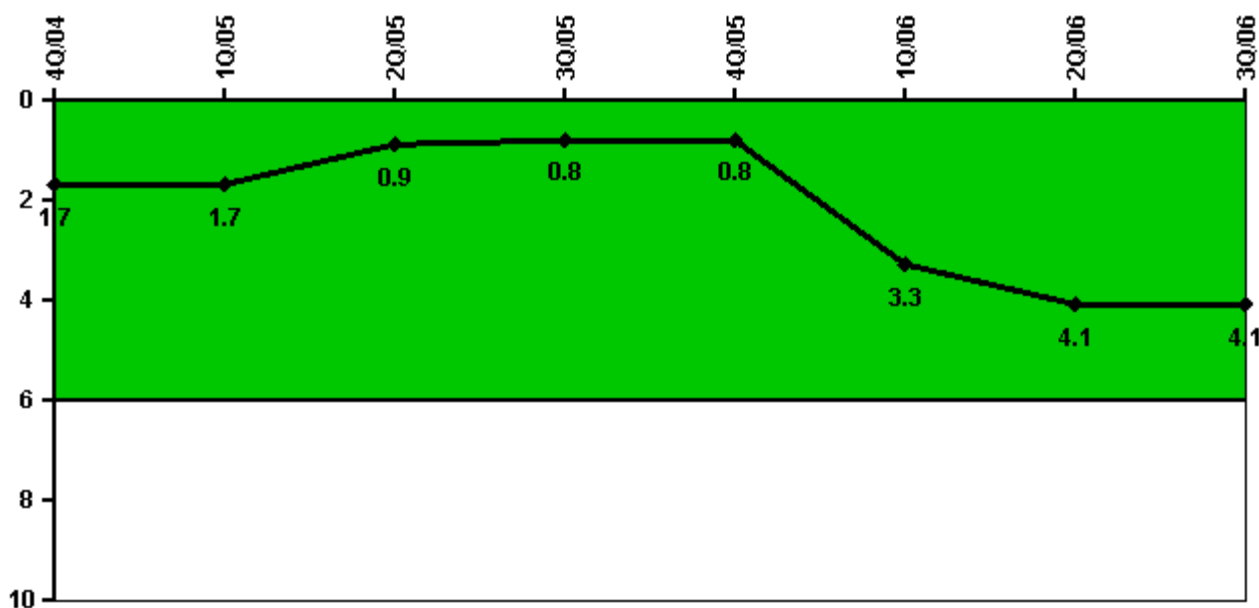
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

| Scrams with Loss of Normal Heat Removal | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams                                  | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| Indicator value                         | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 1.0   | 0     |

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



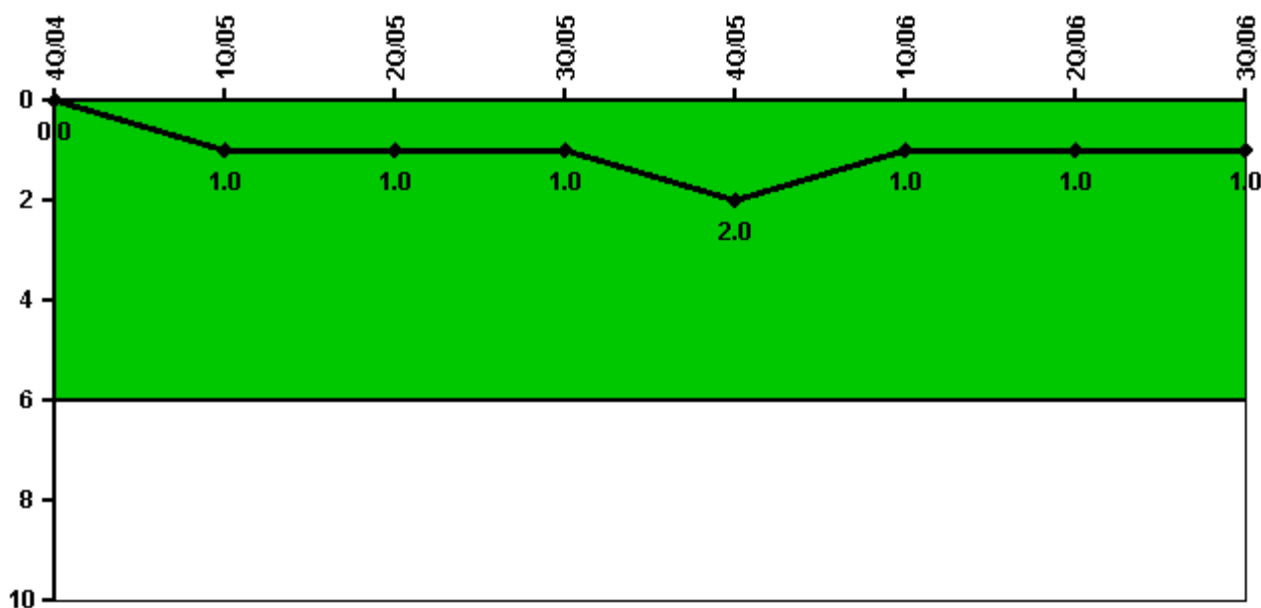
Thresholds: White > 6.0

#### Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/04  | 1Q/05  | 2Q/05  | 3Q/05  | 4Q/05  | 1Q/06  | 2Q/06  | 3Q/06  |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes                       | 0      | 0      | 0      | 1.0    | 0      | 3.0    | 1.0    | 1.0    |
| Critical hours                                | 1750.3 | 2160.0 | 2139.0 | 2208.0 | 2209.0 | 1999.4 | 2072.1 | 2208.0 |
| Indicator value                               | 1.7    | 1.7    | 0.9    | 0.8    | 0.8    | 3.3    | 4.1    | 4.1    |

Licensee Comments: none

### Safety System Functional Failures (BWR)



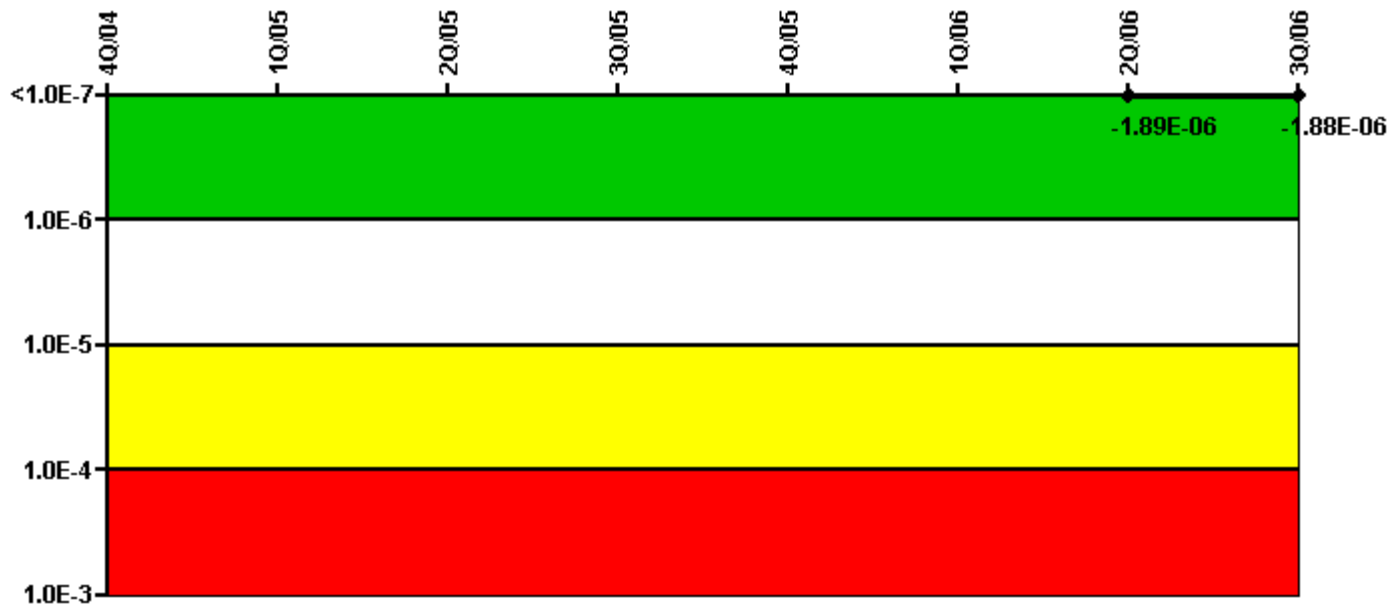
Thresholds: White > 6.0

#### Notes

| Safety System Functional Failures (BWR) | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures       | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     |
| Indicator value                         | 0     | 1     | 1     | 1     | 2     | 1     | 1     | 1     |

Licensee Comments: none

### Mitigating Systems Performance Index, Emergency AC Power System



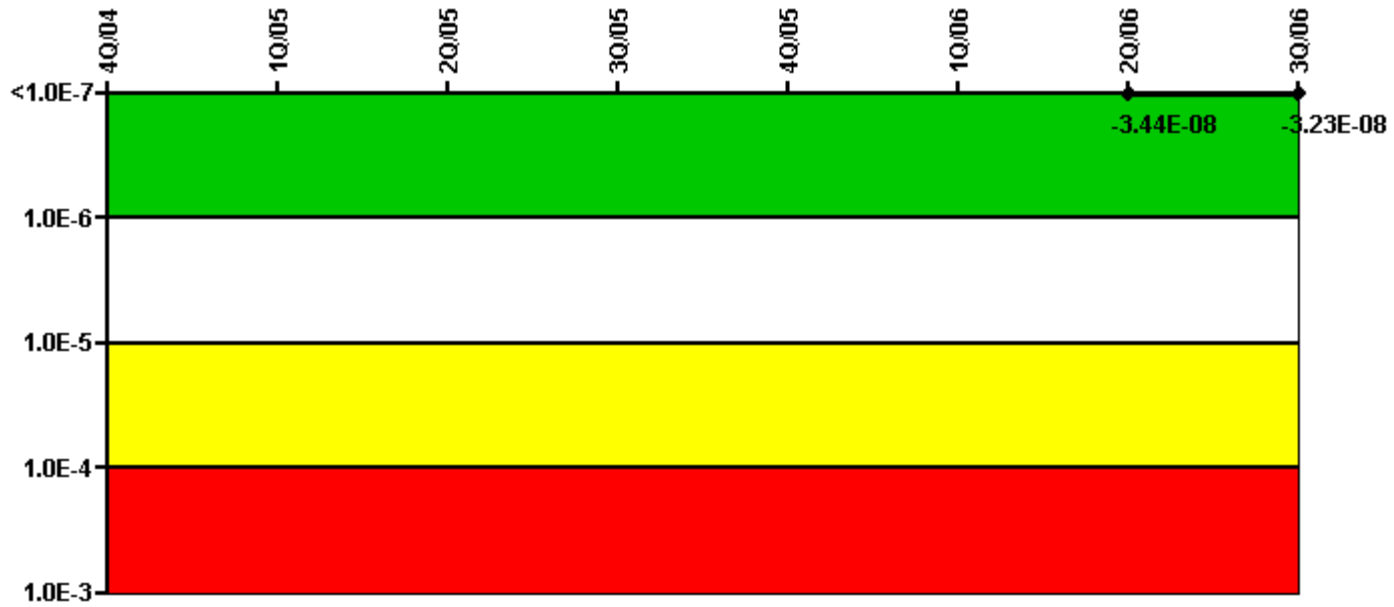
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

**Notes**

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     |
|---|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI ( $\Delta$ CDF)   |       |       |       |       |       |       | -1.90E-07 | -1.80E-07 |
| URI ( $\Delta$ CDF)   |       |       |       |       |       |       | -1.70E-06 | -1.70E-06 |
| PLE   |       |       |       |       |       |       | NO        | NO        |
| Indicator value   |       |       |       |       |       |       | -1.89E-06 | -1.88E-06 |

Licensee Comments: none

### Mitigating Systems Performance Index, High Pressure Injection System



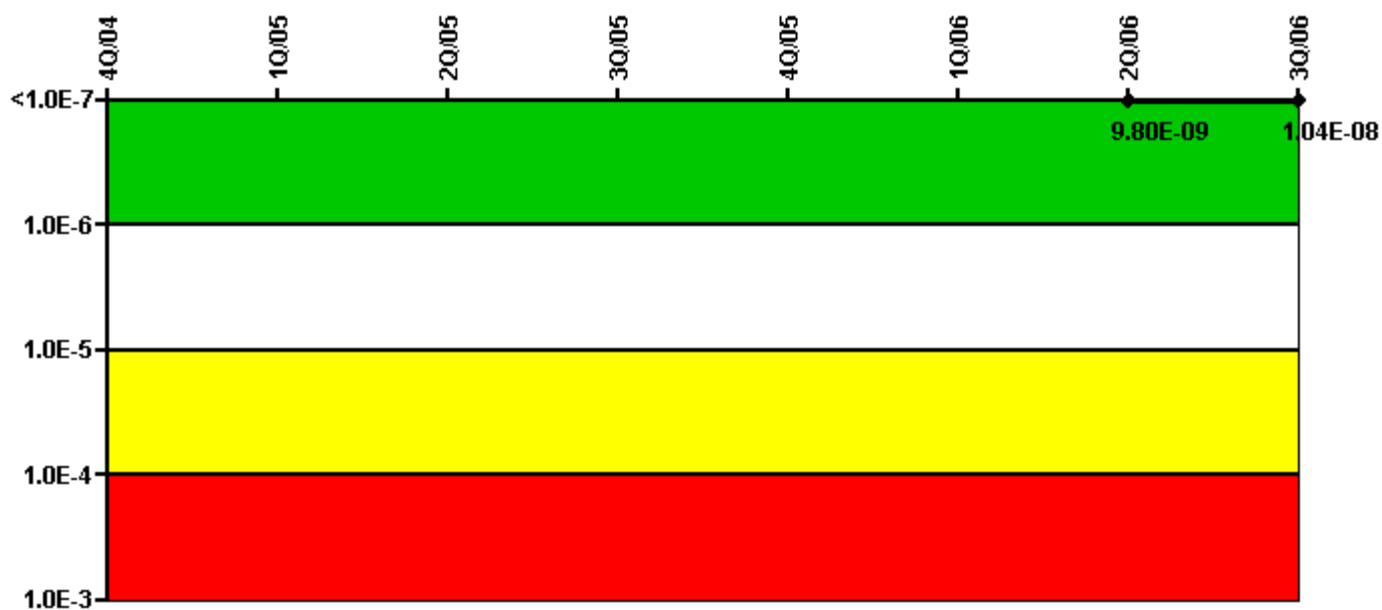
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     |
|--|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI ( $\Delta$ CDF)  |       |       |       |       |       |       | -3.00E-08 | -2.80E-08 |
| URI ( $\Delta$ CDF)  |       |       |       |       |       |       | -4.40E-09 | -4.30E-09 |
| PLE  |       |       |       |       |       |       | NO        | NO        |
| Indicator value  |       |       |       |       |       |       | -3.44E-08 | -3.23E-08 |

Licensee Comments: none

### Mitigating Systems Performance Index, Heat Removal System



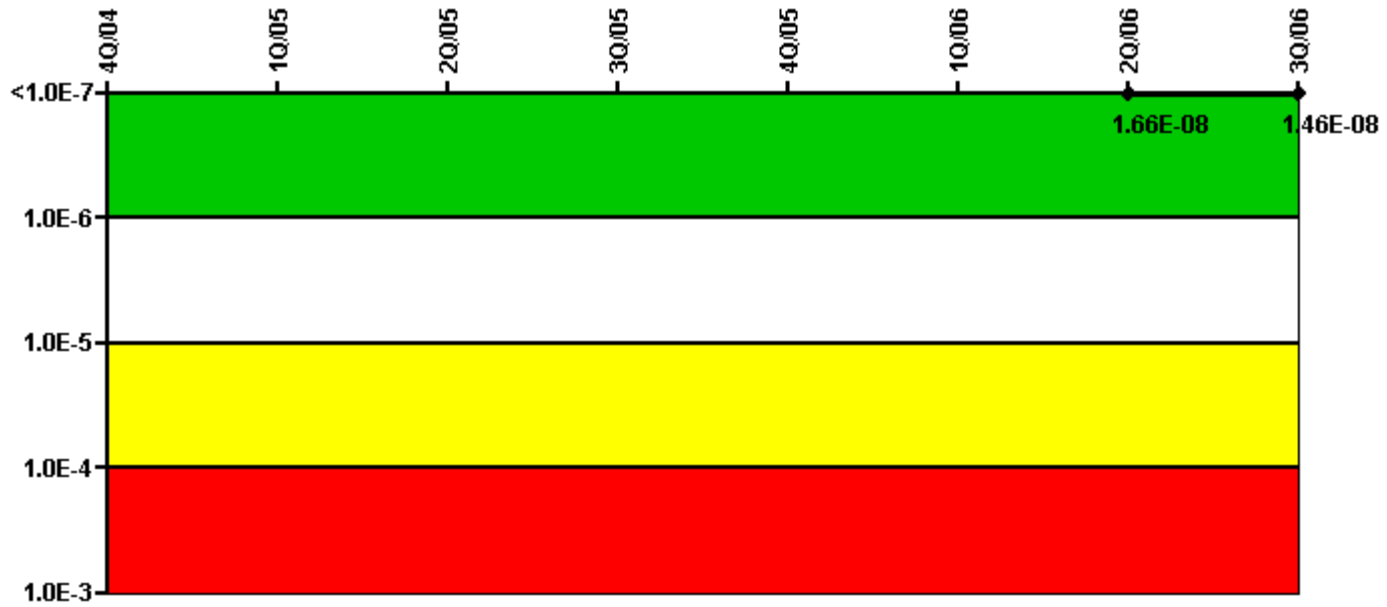
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

**Notes**

| Mitigating Systems Performance Index, Heat Removal System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06    | 3Q/06    |
|---|-------|-------|-------|-------|-------|-------|----------|----------|
| UAI (ΔCDF)  |       |       |       |       |       |       | 3.00E-09 | 3.00E-09 |
| URI (ΔCDF)  |       |       |       |       |       |       | 6.80E-09 | 7.40E-09 |
| PLE   |       |       |       |       |       |       | NO       | NO       |
| Indicator value   |       |       |       |       |       |       | 9.80E-09 | 1.04E-08 |

Licensee Comments: none

### Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

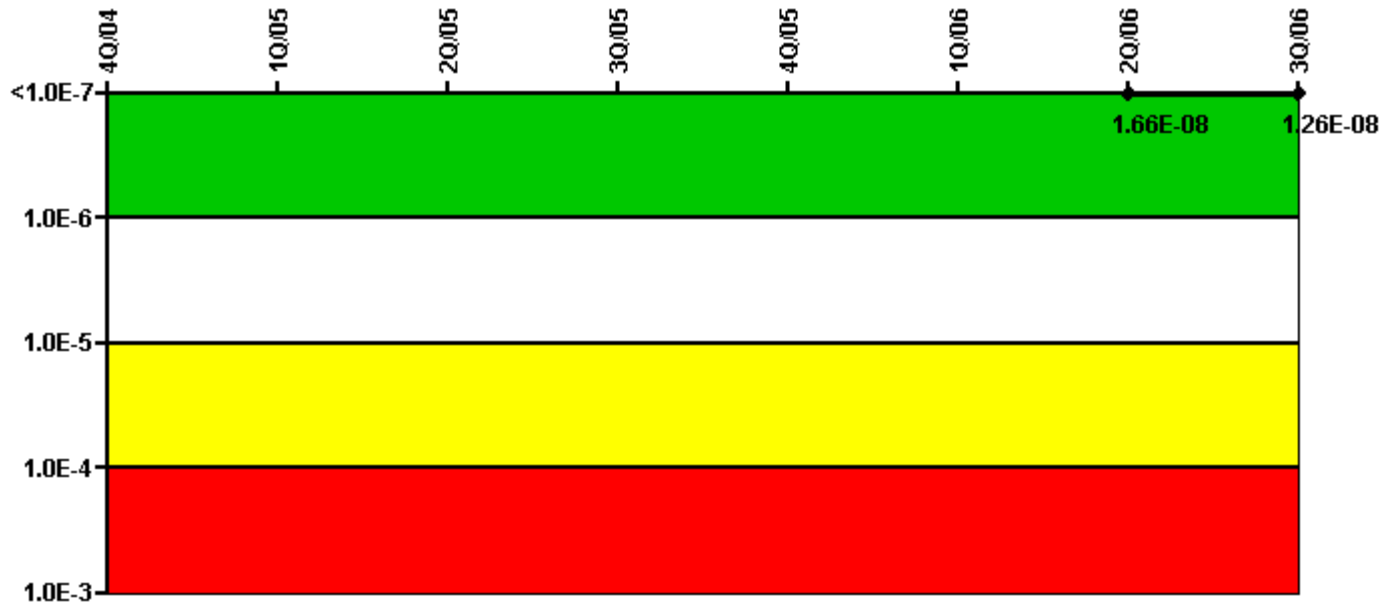
#### Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     |
|--|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI ( $\Delta$ CDF)  |       |       |       |       |       |       | 1.70E-08  | 1.50E-08  |
| URI ( $\Delta$ CDF)  |       |       |       |       |       |       | -4.20E-10 | -4.30E-10 |
| PLE  |       |       |       |       |       |       | NO        | NO        |
| Indicator value  |       |       |       |       |       |       | 1.66E-08  | 1.46E-08  |

Licensee Comments: none



### Mitigating Systems Performance Index, Cooling Water Systems



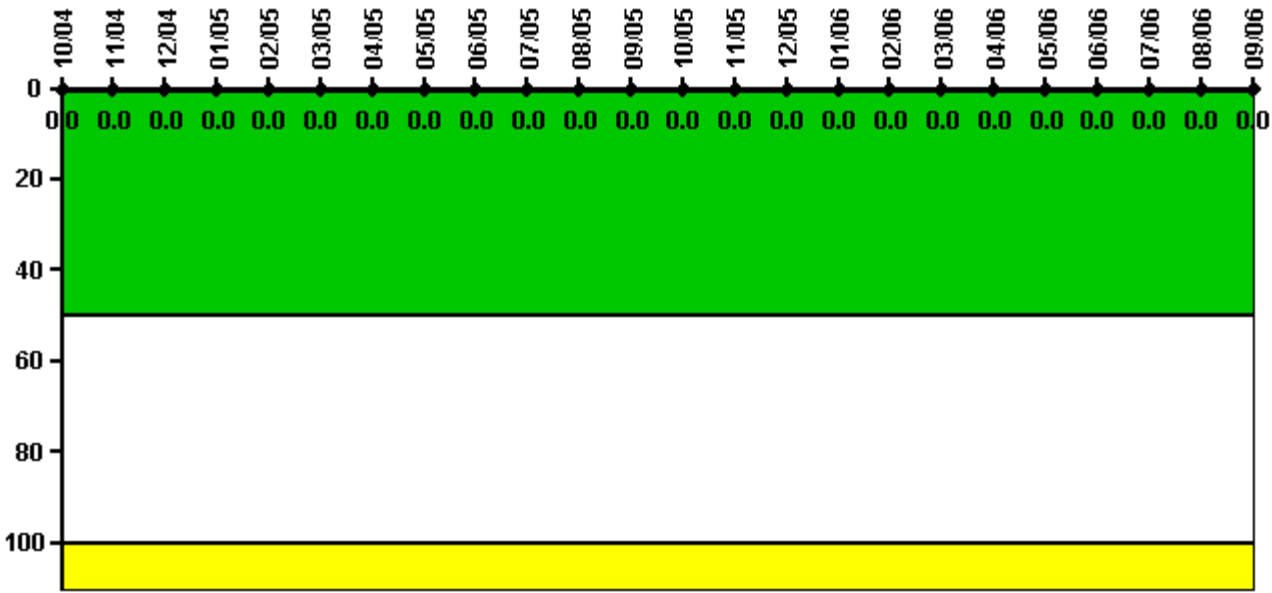
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06     | 3Q/06     |
|---|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI ( $\Delta$ CDF)   |       |       |       |       |       |       | 1.70E-08  | 1.30E-08  |
| URI ( $\Delta$ CDF)   |       |       |       |       |       |       | -4.20E-10 | -4.20E-10 |
| PLE   |       |       |       |       |       |       | NO        | NO        |
| Indicator value   |       |       |       |       |       |       | 1.66E-08  | 1.26E-08  |

Licensee Comments: none

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

**Notes**

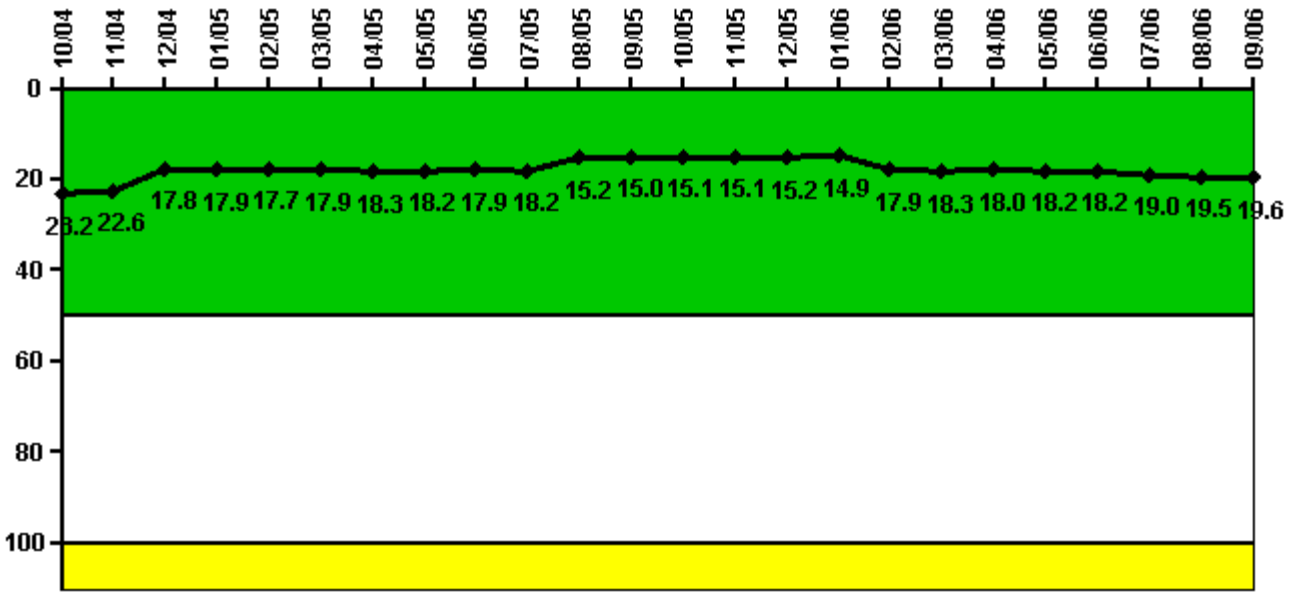
| Reactor Coolant System Activity | 10/04    | 11/04    | 12/04    | 1/05     | 2/05     | 3/05     | 4/05     | 5/05     | 6/05     | 7/05     | 8/05     | 9/05     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000053 | 0.000020 | 0.000028 | 0.000029 | 0.000029 | 0.000029 | 0.000033 | 0.000035 | 0.000037 | 0.000045 | 0.000039 | 0.000039 |
| 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        | 0        | 0        | 0        | 0        | 0        |

| Reactor Coolant System Activity | 10/05    | 11/05    | 12/05    | 1/06     | 2/06     | 3/06     | 4/06     | 5/06     | 6/06     | 7/06     | 8/06     | 9/06     |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity                | 0.000039 | 0.000046 | 0.000041 | 0.000038 | 0.000042 | 0.000045 | 0.000049 | 0.000044 | 0.000047 | 0.000042 | 0.000053 | 0.000045 |
| 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        | 0        | 0        | 0        | 0        | 0        |

Licensee Comments: none

### Reactor Coolant System Leakage



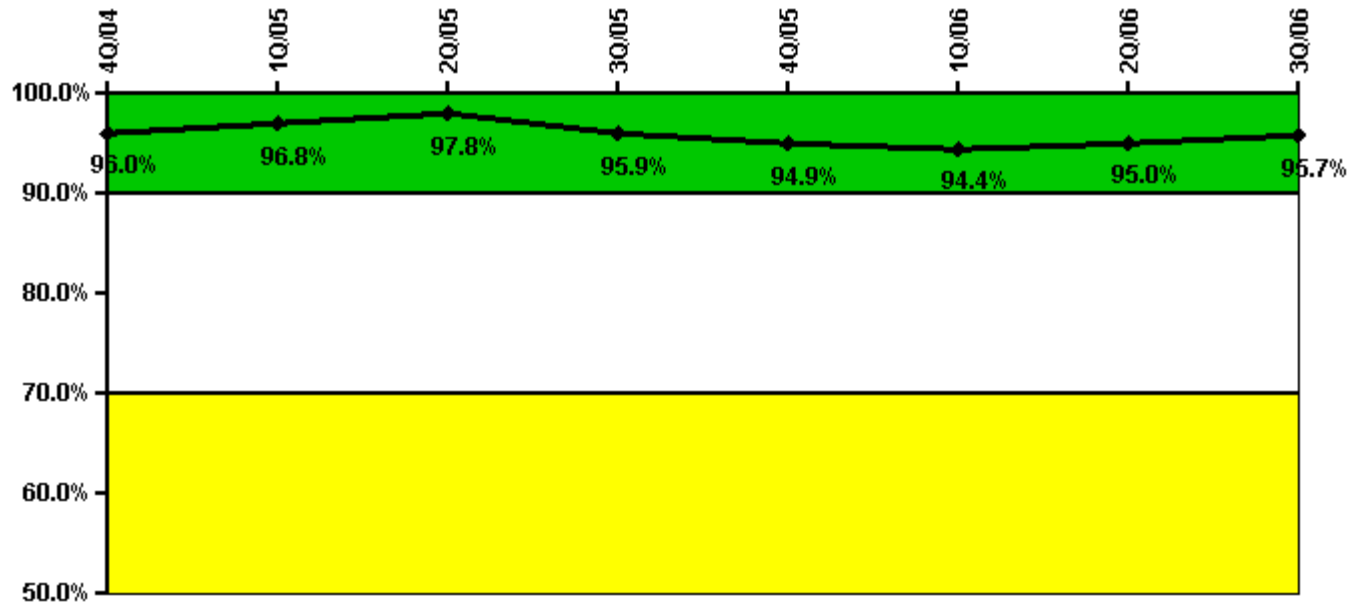
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

| Reactor Coolant System Leakage | 10/04 | 11/04 | 12/04 | 1/05  | 2/05  | 3/05  | 4/05  | 5/05  | 6/05  | 7/05  | 8/05  | 9/05  |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage                | 5.800 | 5.660 | 4.460 | 4.480 | 4.430 | 4.480 | 4.580 | 4.560 | 4.470 | 4.550 | 3.810 | 3.760 |
| 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                | 23.2  | 22.6  | 17.8  | 17.9  | 17.7  | 17.9  | 18.3  | 18.2  | 17.9  | 18.2  | 15.2  | 15.0  |
| Reactor Coolant System Leakage | 10/05 | 11/05 | 12/05 | 1/06  | 2/06  | 3/06  | 4/06  | 5/06  | 6/06  | 7/06  | 8/06  | 9/06  |
| Maximum leakage                | 3.770 | 3.780 | 3.790 | 3.730 | 4.470 | 4.570 | 4.510 | 4.540 | 4.560 | 4.750 | 4.870 | 4.890 |
| 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                | 15.1  | 15.1  | 15.2  | 14.9  | 17.9  | 18.3  | 18.0  | 18.2  | 18.2  | 19.0  | 19.5  | 19.6  |

Licensee Comments: none

### Drill/Exercise Performance



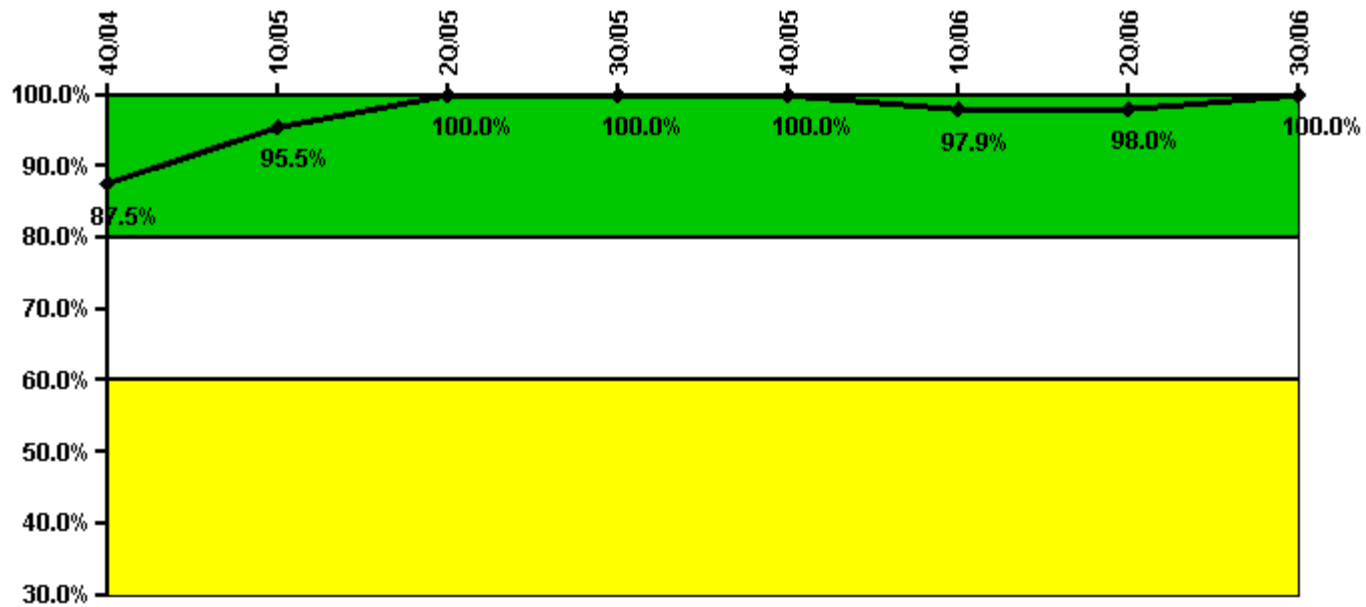
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

| Drill/Exercise Performance | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities   | 8.0   | 18.0  | 4.0   | 25.0  | 18.0  | 37.0  | 107.0 | 30.0  |
| Total opportunities        | 8.0   | 18.0  | 4.0   | 28.0  | 20.0  | 39.0  | 111.0 | 30.0  |
| Indicator value            | 96.0% | 96.8% | 97.8% | 95.9% | 94.9% | 94.4% | 95.0% | 95.7% |

Licensee Comments: none

### ERO Drill Participation



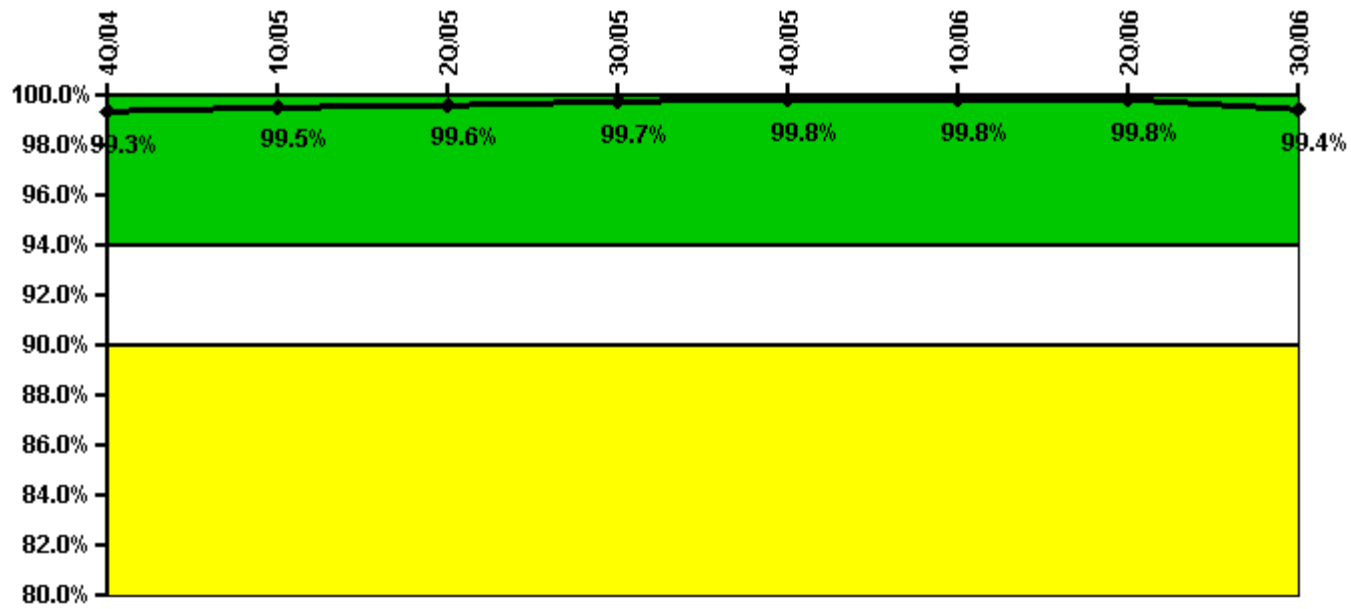
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

| ERO Drill Participation     | 4Q/04 | 1Q/05 | 2Q/05  | 3Q/05  | 4Q/05  | 1Q/06 | 2Q/06 | 3Q/06  |
|-----------------------------|-------|-------|--------|--------|--------|-------|-------|--------|
| Participating Key personnel | 42.0  | 42.0  | 48.0   | 47.0   | 46.0   | 47.0  | 48.0  | 47.0   |
| Total Key personnel         | 48.0  | 44.0  | 48.0   | 47.0   | 46.0   | 48.0  | 49.0  | 47.0   |
|                             |       |       |        |        |        |       |       |        |
| Indicator value             | 87.5% | 95.5% | 100.0% | 100.0% | 100.0% | 97.9% | 98.0% | 100.0% |

Licensee Comments: none

### Alert & Notification System



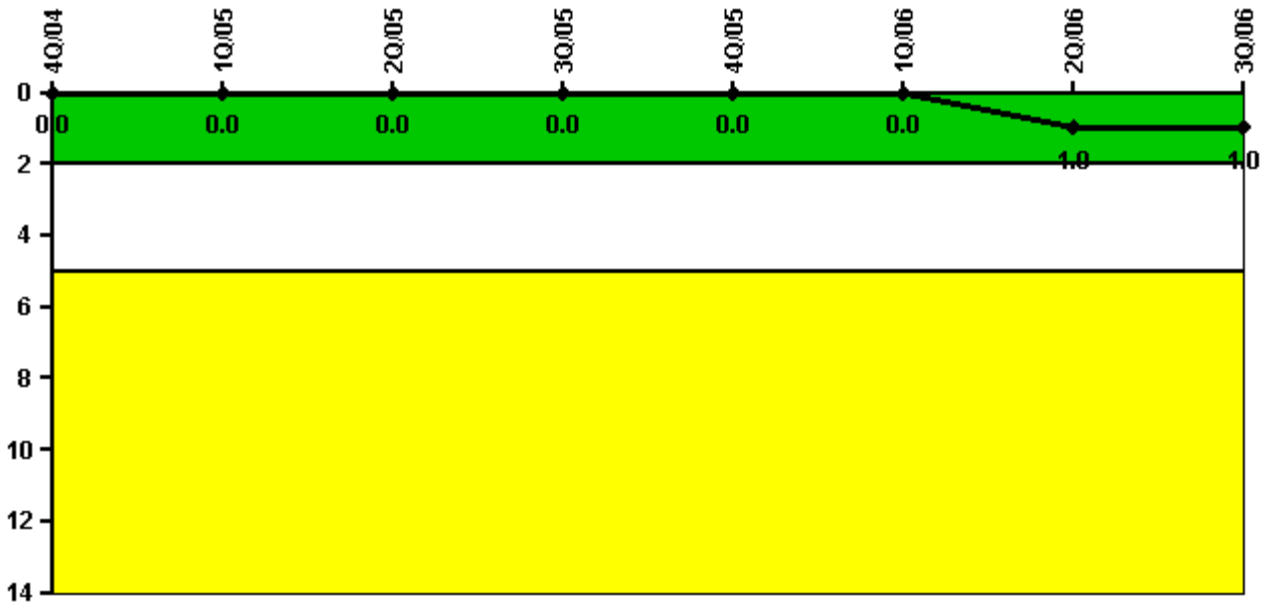
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

| Alert & Notification System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests      | 543   | 543   | 587   | 546   | 546   | 542   | 545   | 538   |
| Total sirens-tests          | 546   | 546   | 588   | 546   | 546   | 546   | 546   | 546   |
| Indicator value             | 99.3% | 99.5% | 99.6% | 99.7% | 99.8% | 99.8% | 99.8% | 99.4% |

Licensee Comments: none

### Occupational Exposure Control Effectiveness



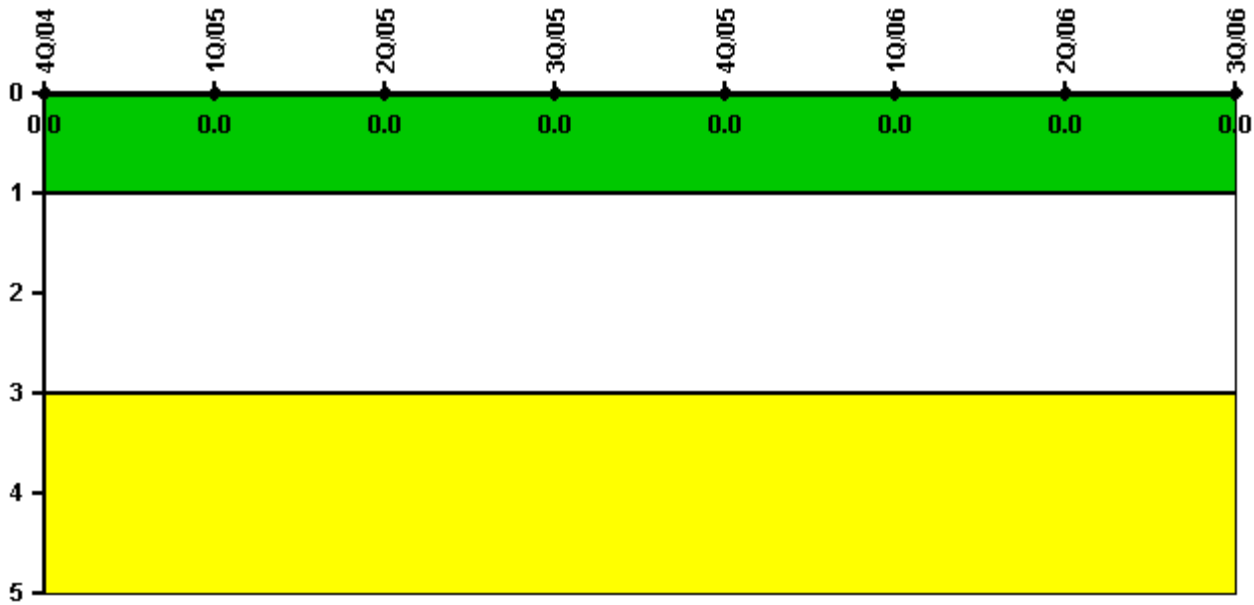
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

| Occupational Exposure Control Effectiveness | 4Q/04    | 1Q/05    | 2Q/05    | 3Q/05    | 4Q/05    | 1Q/06    | 2Q/06    | 3Q/06    |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences             | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 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>1</b> | <b>1</b> |

Licensee Comments: none

### RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

#### Notes

| RETS/ODCM Radiological Effluent | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.