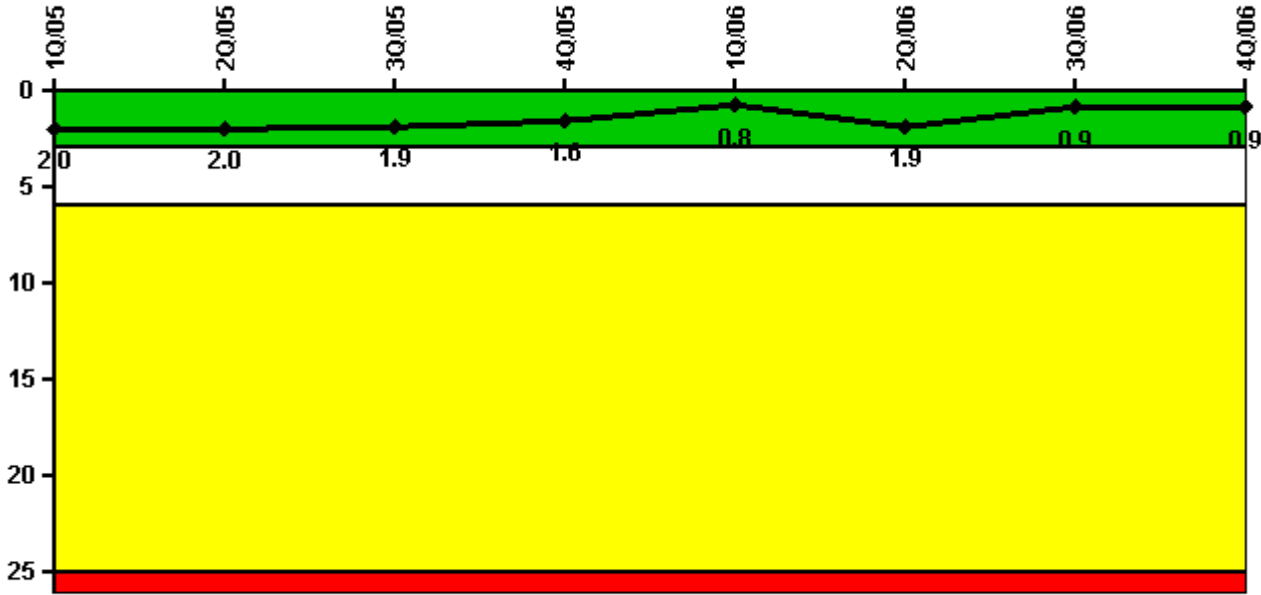


Palisades

4Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



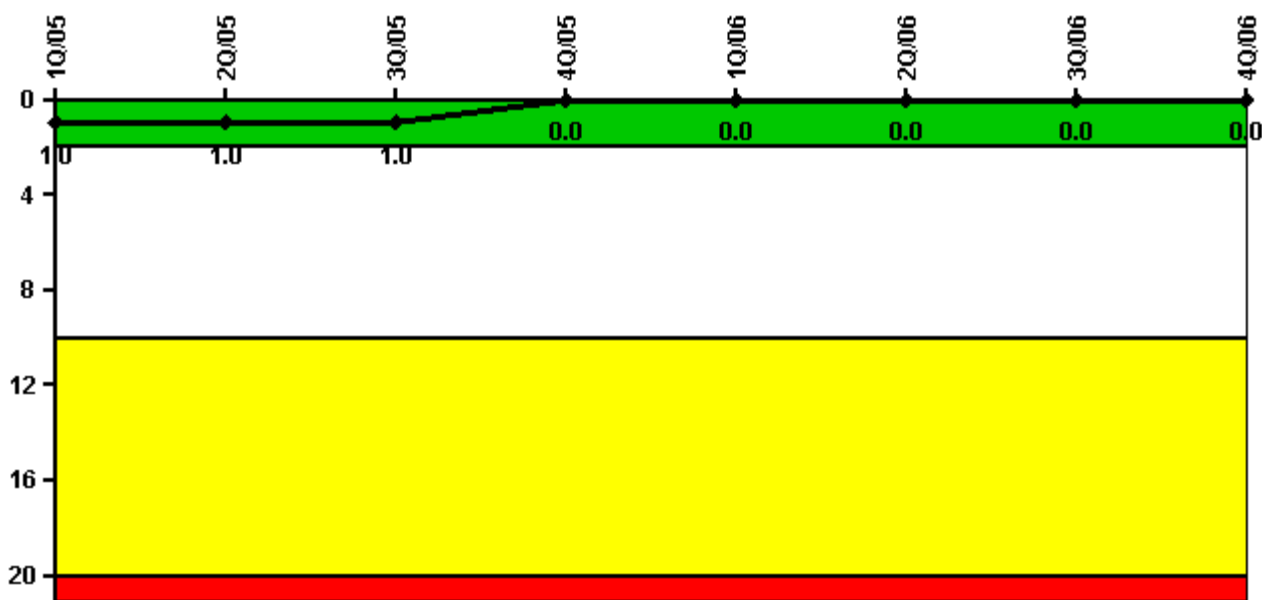
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 1.0 | 0 | 1.0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2039.5 | 2183.0 | 2173.7 | 2185.2 | 2035.3 | 1155.0 | 2208.0 | 2163.5 |
| Indicator value | 2.0 | 2.0 | 1.9 | 1.6 | 0.8 | 1.9 | 0.9 | 0.9 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



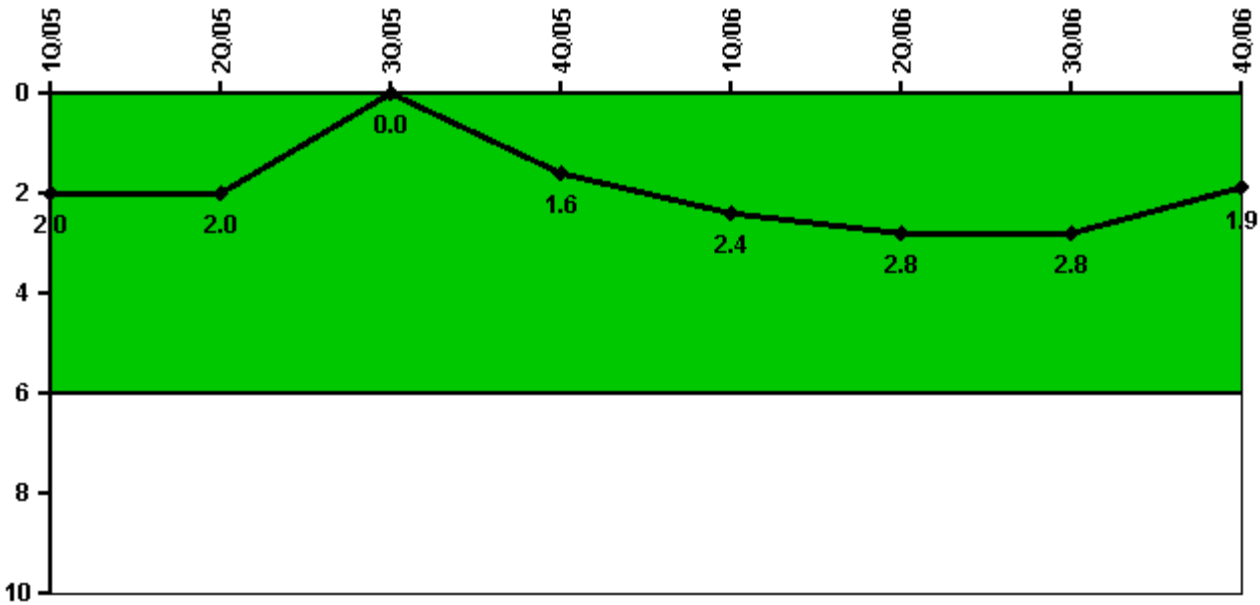
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

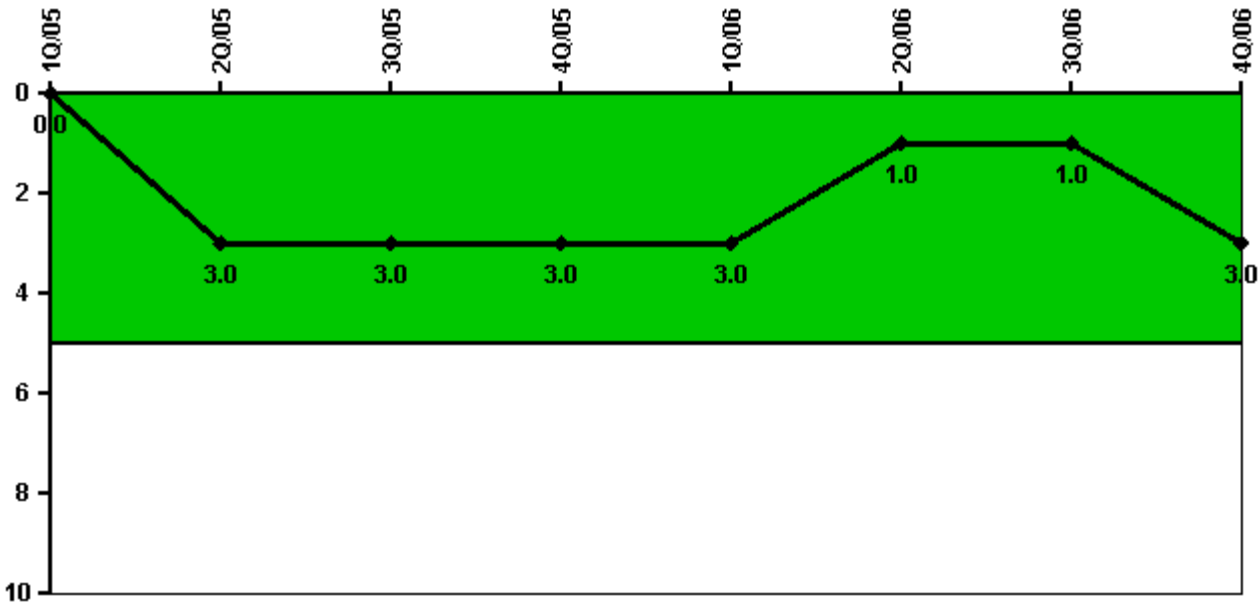
Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 2.0 | 1.0 | 0 | 0 | 1.0 |
| Critical hours | 2039.5 | 2183.0 | 2173.7 | 2185.2 | 2035.3 | 1155.0 | 2208.0 | 2163.5 |
| Indicator value | 2.0 | 2.0 | 0 | 1.6 | 2.4 | 2.8 | 2.8 | 1.9 |

Licensee Comments:

4Q/06: One unplanned power change occurred due to a containment air cooler service water leak, resulting in a plant shutdown.

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

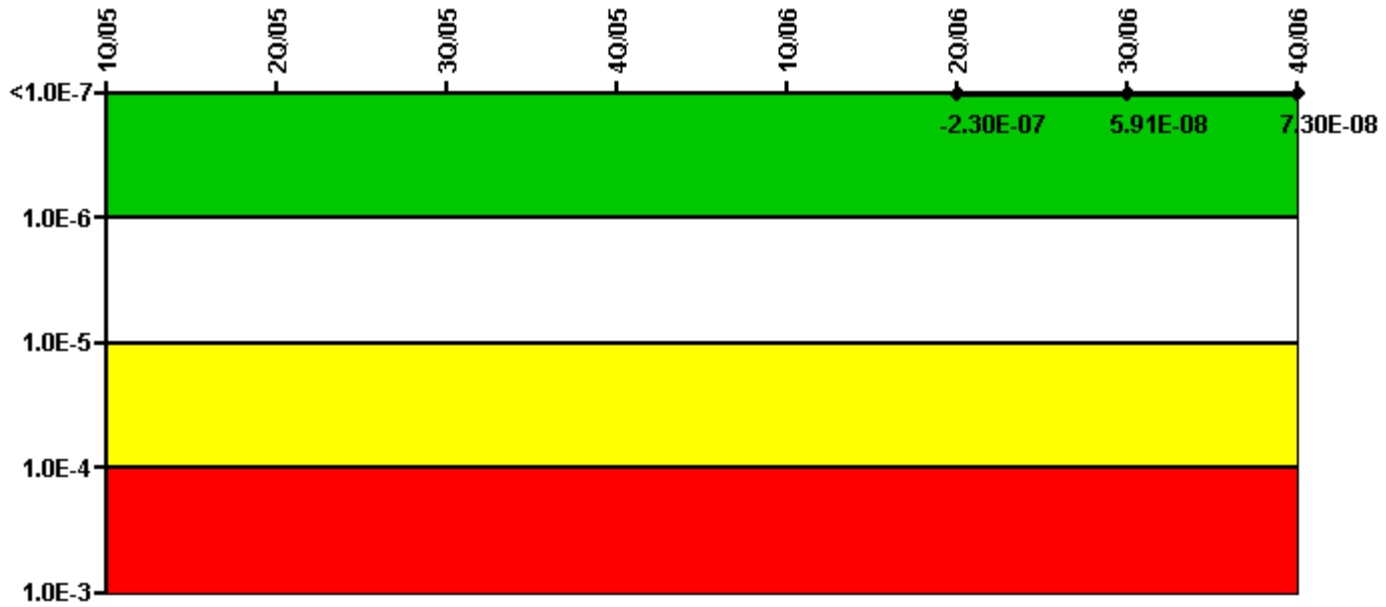
Notes

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

Licensee Comments:

4Q/06: Two failures were reported during the month of December 2006. The failures were reported in Palisades LER 2006-007, Auxiliary Feedwater Control Switches Not Positioned for Automatic System Actuation; and LER 2006-006, Inoperable Containment Due to Containment Air cooler Through-Wall Flaw.

Mitigating Systems Performance Index, Emergency AC Power System



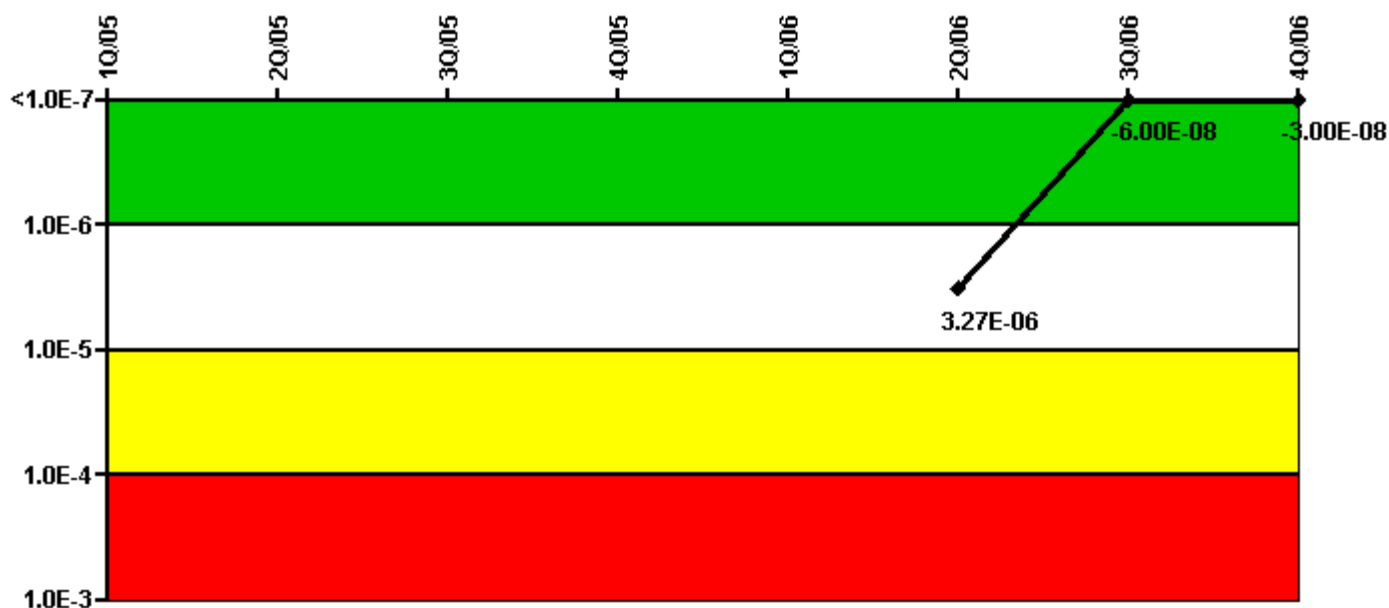
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|---|-------|-------|-------|-------|-------|-----------|----------|----------|
| UAI (Δ CDF) | | | | | | 2.20E-07 | 4.10E-09 | 1.80E-08 |
| URI (Δ CDF) | | | | | | -4.50E-07 | 5.50E-08 | 5.50E-08 |
| PLE | | | | | | NO | NO | NO |
| Indicator value | | | | | | -2.30E-07 | 5.91E-08 | 7.30E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



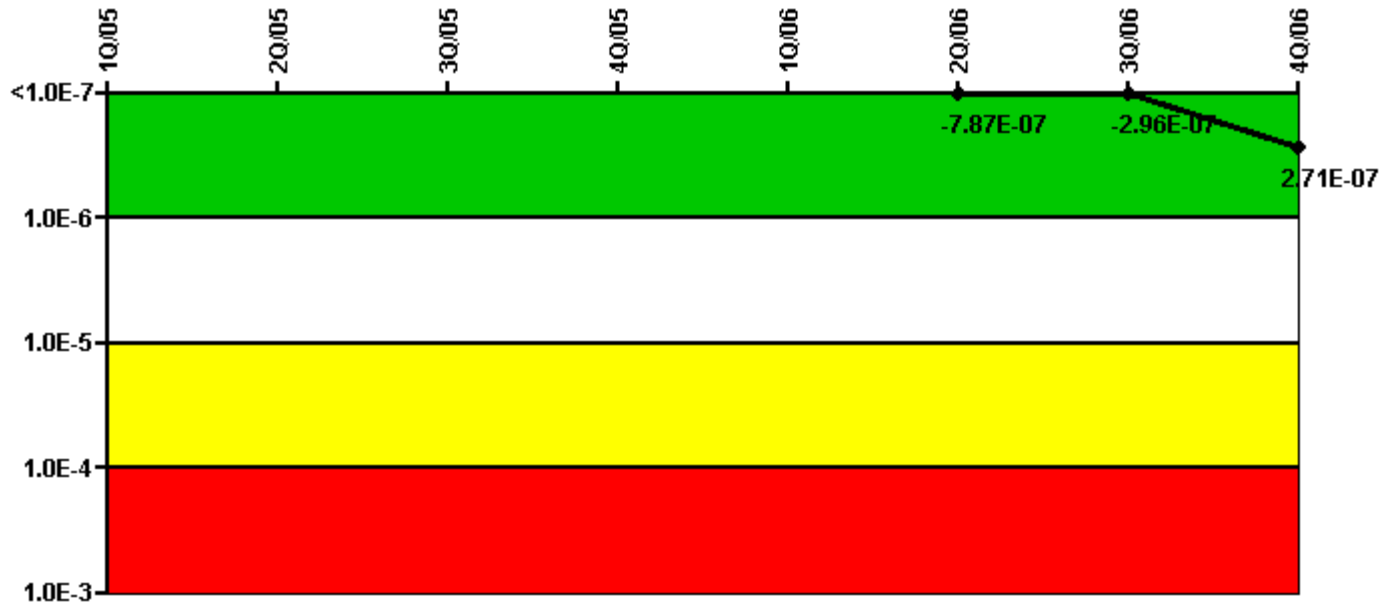
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|--|-------|-------|-------|-------|-------|----------|-----------|-----------|
| UAI (Δ CDF) | | | | | | 4.70E-07 | 2.10E-07 | 2.40E-07 |
| URI (Δ CDF) | | | | | | 2.80E-06 | -2.70E-07 | -2.70E-07 |
| PLE | | | | | | NO | NO | NO |
| Indicator value | | | | | | 3.27E-06 | -6.00E-08 | -3.00E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



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

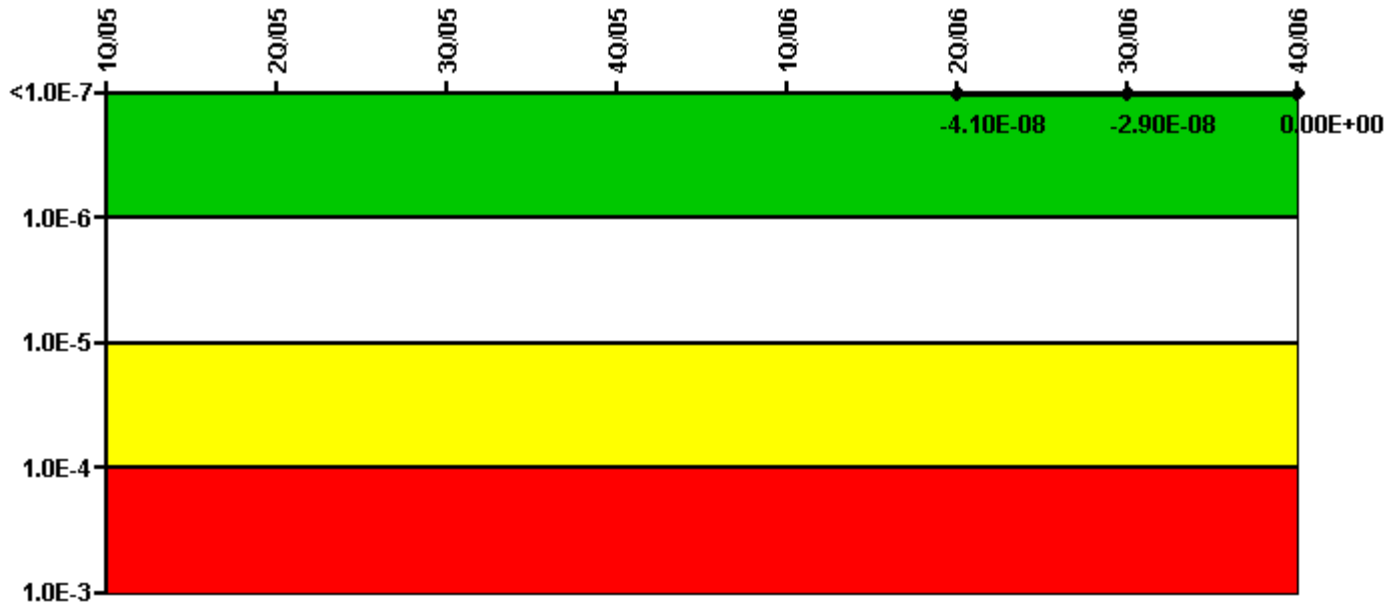
Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|---|-------|-------|-------|-------|-------|-----------|-----------|-----------|
| UAI (ΔCDF) | | | | | | -4.70E-08 | -1.60E-08 | -9.10E-09 |
| URI (ΔCDF) | | | | | | -7.40E-07 | -2.80E-07 | 2.80E-07 |
| PLE | | | | | | NO | NO | NO |
| Indicator value | | | | | | -7.87E-07 | -2.96E-07 | 2.71E-07 |

Licensee Comments:

4Q/06: 5 failures were reported in November related to switch/controller mis-positionings. These were associated with AFW Pump handswitches (3 failures) and AFW Flow Control Valve controller position (2 failures). The failures were reported in Palisades LER 2006-007, Auxiliary Feedwater Control Switches Not Position for Automatic System Actuation

Mitigating Systems Performance Index, Residual Heat Removal System



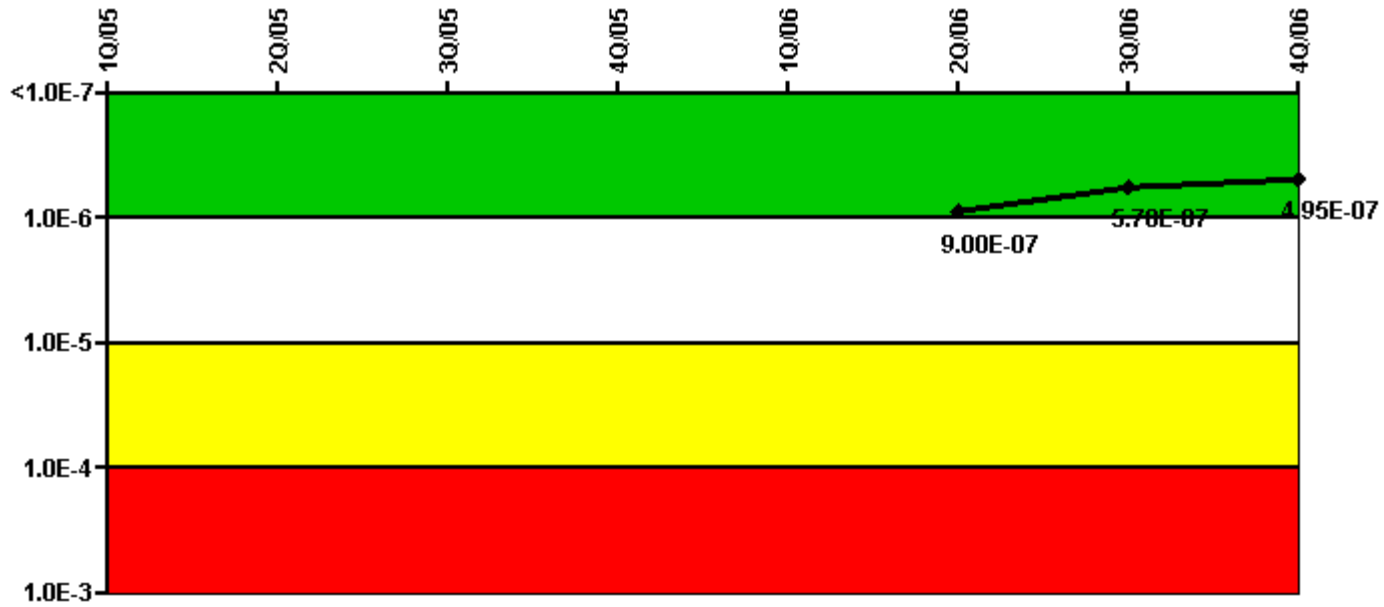
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|--|-------|-------|-------|-------|-------|-----------|-----------|-----------|
| UAI (ΔCDF) | | | | | | 1.20E-08 | 1.10E-08 | 4.00E-08 |
| URI (ΔCDF) | | | | | | -5.30E-08 | -4.00E-08 | -4.00E-08 |
| PLE | | | | | | NO | NO | NO |
| Indicator value | | | | | | -4.10E-08 | -2.90E-08 | 0.00E+00 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



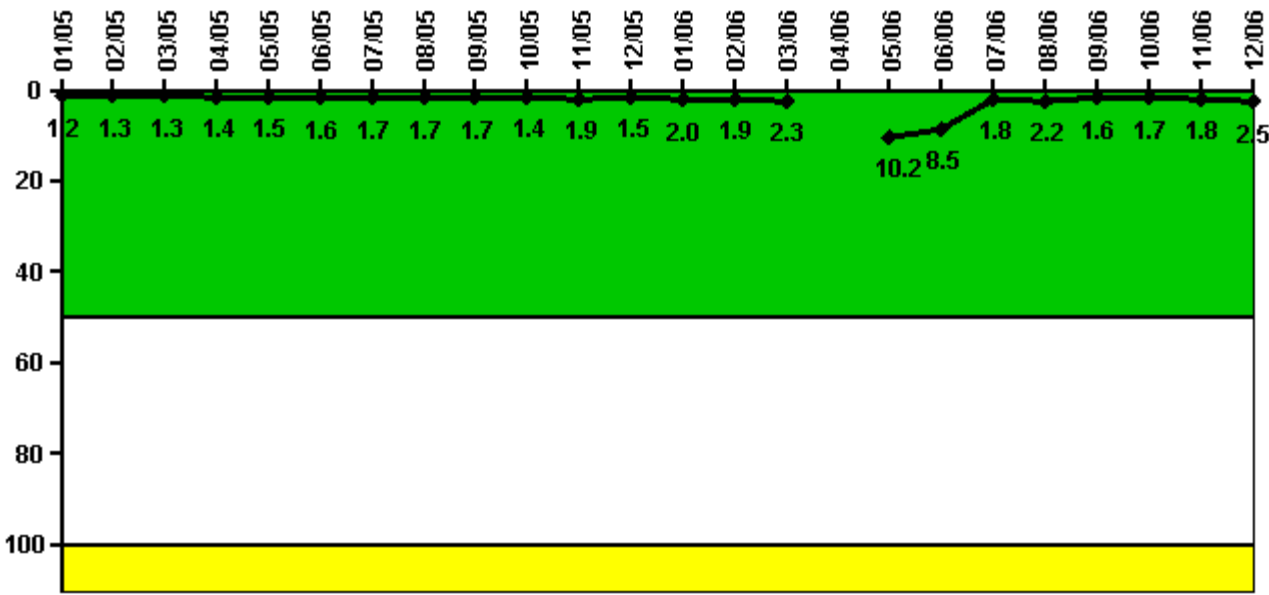
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|---|-------|-------|-------|-------|-------|----------|----------|----------|
| UAI (ΔCDF) | | | | | | 5.00E-08 | 1.00E-07 | 2.50E-08 |
| URI (ΔCDF) | | | | | | 8.50E-07 | 4.70E-07 | 4.70E-07 |
| PLE | | | | | | NO | NO | NO |
| Indicator value | | | | | | 9.00E-07 | 5.70E-07 | 4.95E-07 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

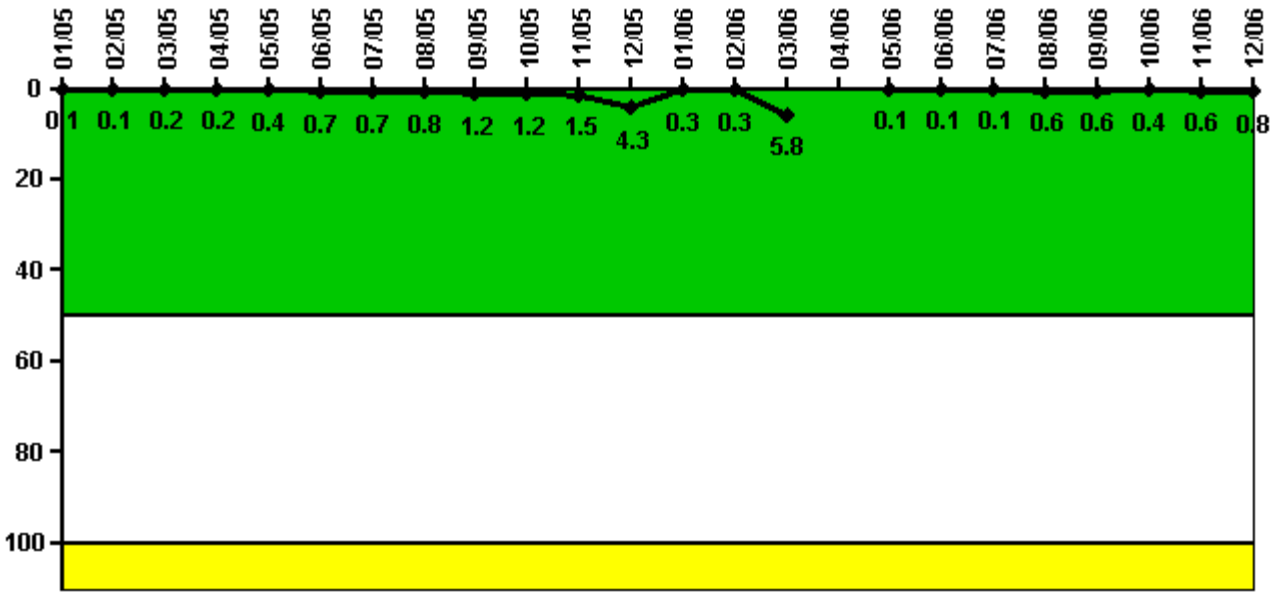
Notes

| Reactor Coolant System Activity | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.012300 | 0.012600 | 0.013100 | 0.014300 | 0.015200 | 0.015900 | 0.017400 | 0.017300 | 0.017100 | 0.013800 | 0.018600 | 0.014500 |
| 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 | 1.2 | 1.3 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.7 | 1.7 | 1.4 | 1.9 | 1.5 |

| Reactor Coolant System Activity | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 |
|---------------------------------|----------|----------|----------|------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.020000 | 0.019200 | 0.022700 | N/A | 0.102000 | 0.084600 | 0.018300 | 0.022200 | 0.015700 | 0.017400 | 0.017800 | 0.024900 |
| 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 | 2.0 | 1.9 | 2.3 | N/A | 10.2 | 8.5 | 1.8 | 2.2 | 1.6 | 1.7 | 1.8 | 2.5 |

Licensee Comments: none

Reactor Coolant System Leakage



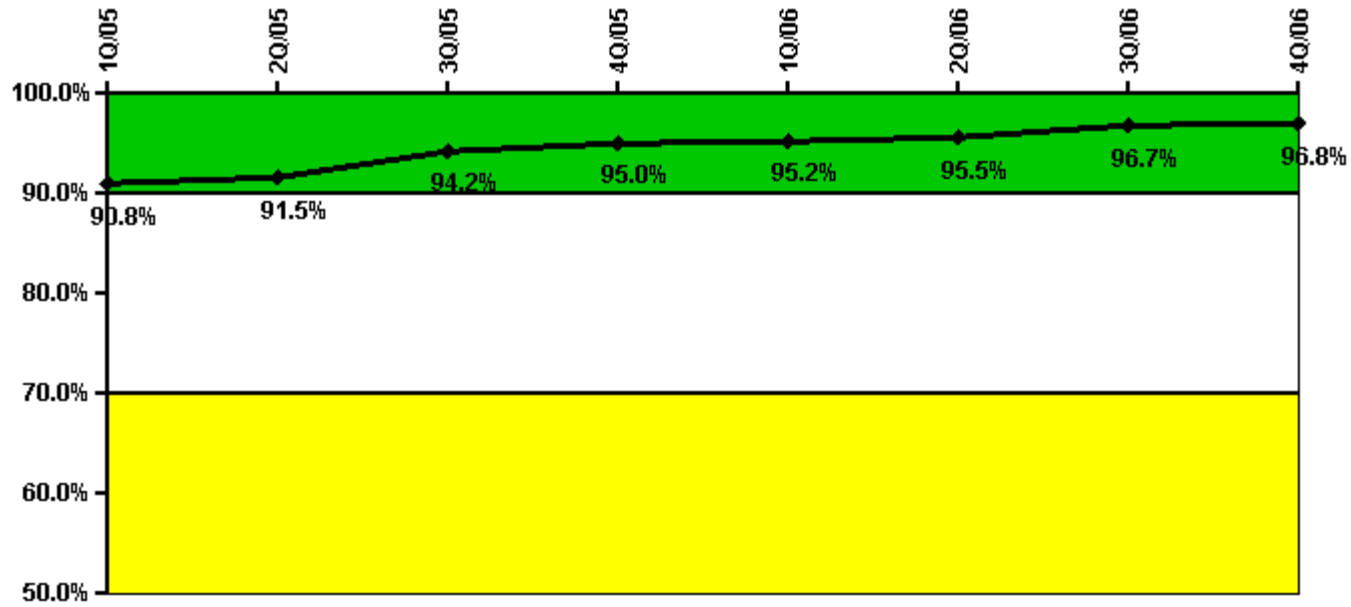
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 0.011 | 0.008 | 0.020 | 0.016 | 0.040 | 0.066 | 0.066 | 0.079 | 0.120 | 0.119 | 0.148 | 0.429 |
| 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 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.7 | 0.7 | 0.8 | 1.2 | 1.2 | 1.5 | 4.3 |
| Reactor Coolant System Leakage | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 |
| Maximum leakage | 0.026 | 0.033 | 0.581 | N/A | 0.013 | 0.013 | 0.007 | 0.059 | 0.059 | 0.040 | 0.055 | 0.079 |
| 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 | 0.3 | 0.3 | 5.8 | N/A | 0.1 | 0.1 | 0.1 | 0.6 | 0.6 | 0.4 | 0.6 | 0.8 |

Licensee Comments: none

Drill/Exercise Performance



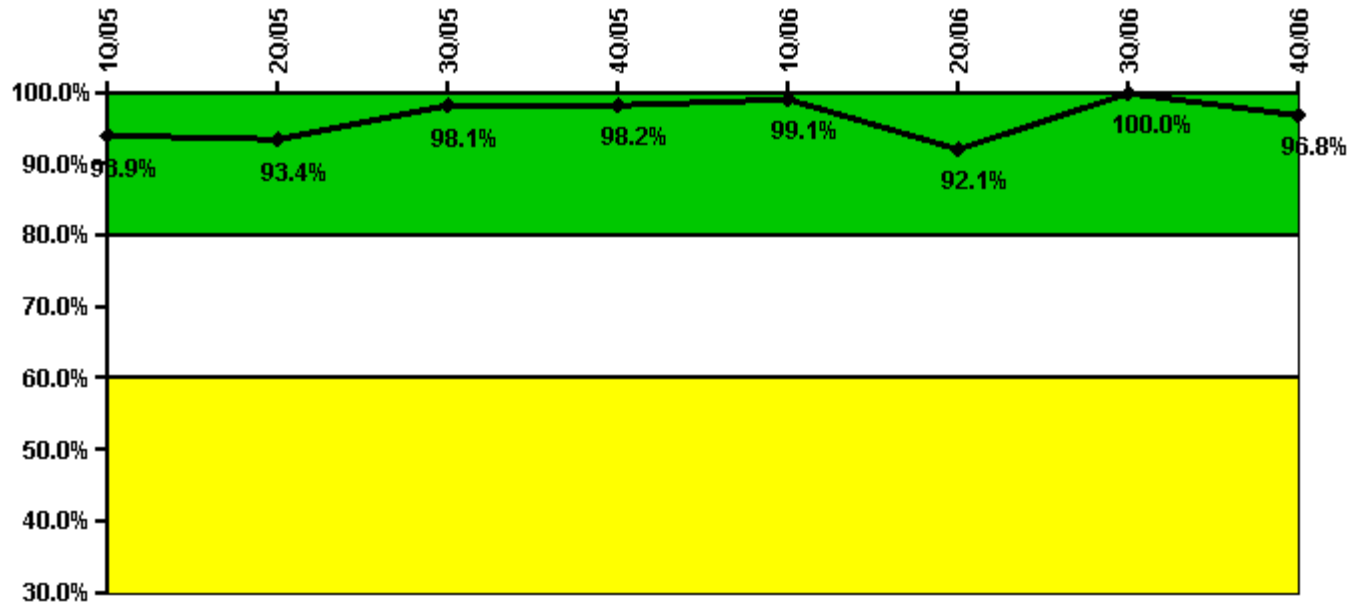
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 85.0 | 75.0 | 82.0 | 12.0 | 96.0 | 36.0 | 40.0 | 25.0 |
| Total opportunities | 91.0 | 78.0 | 82.0 | 12.0 | 101.0 | 36.0 | 40.0 | 26.0 |
| Indicator value | 90.8% | 91.5% | 94.2% | 95.0% | 95.2% | 95.5% | 96.7% | 96.8% |

Licensee Comments: none

ERO Drill Participation



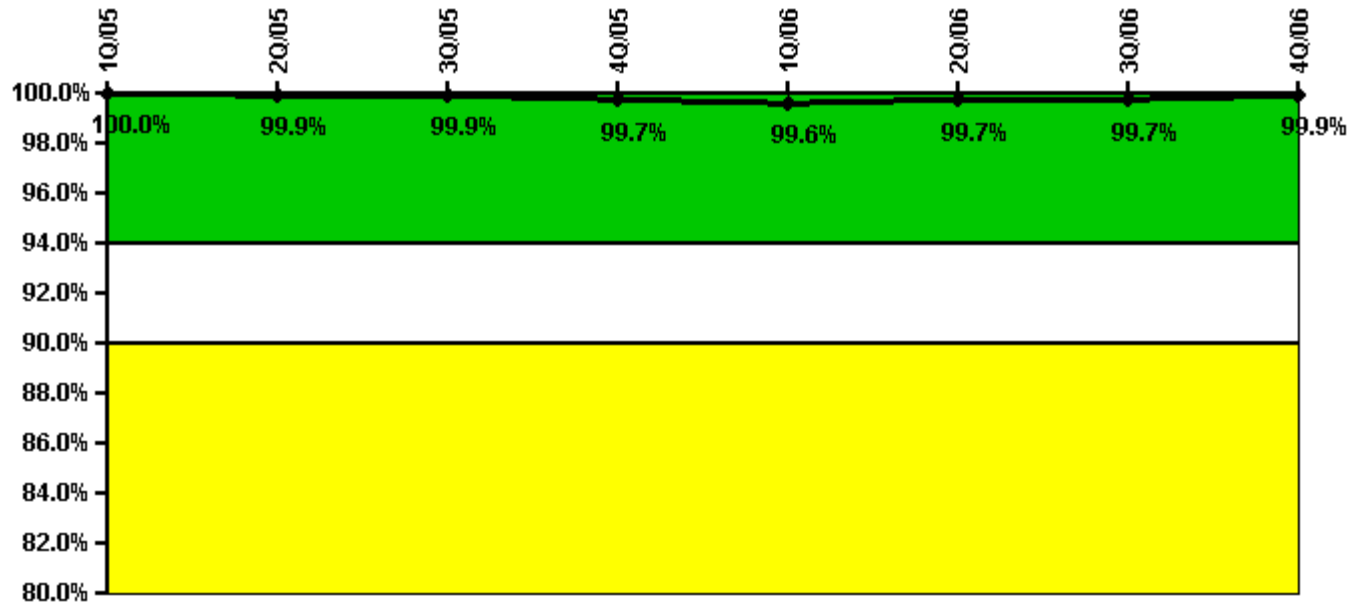
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|--------|-------|
| Participating Key personnel | 92.0 | 99.0 | 106.0 | 107.0 | 114.0 | 105.0 | 114.0 | 121.0 |
| Total Key personnel | 98.0 | 106.0 | 108.0 | 109.0 | 115.0 | 114.0 | 114.0 | 125.0 |
| Indicator value | 93.9% | 93.4% | 98.1% | 98.2% | 99.1% | 92.1% | 100.0% | 96.8% |

Licensee Comments: none

Alert & Notification System



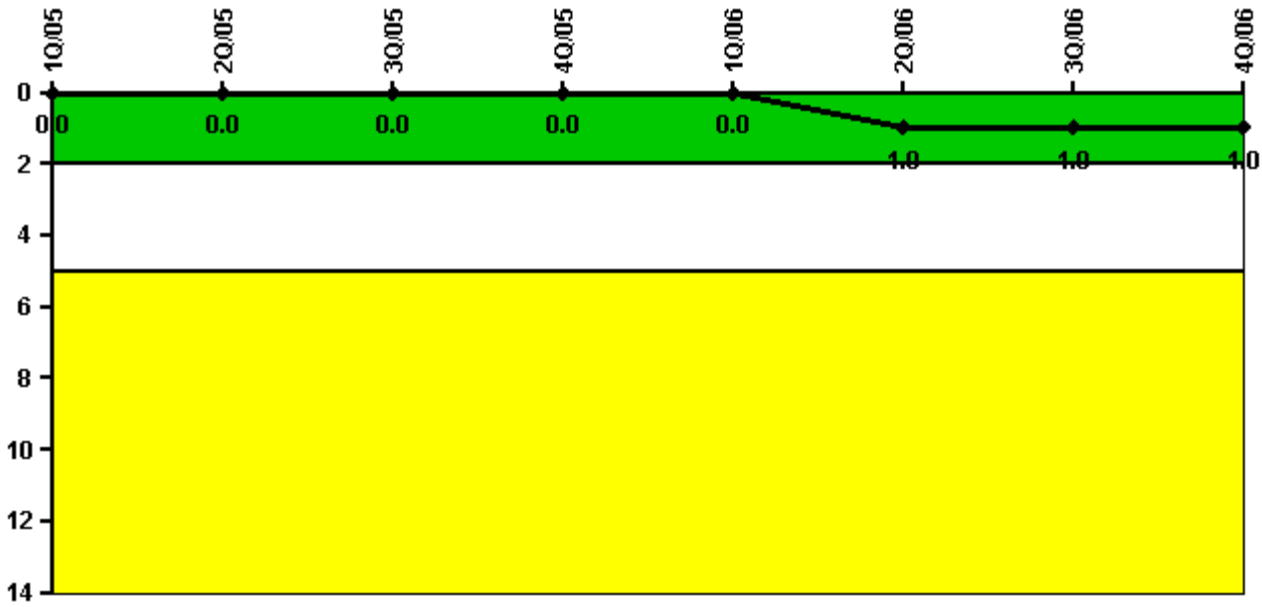
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|-----------------------------|--------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 183 | 182 | 183 | 182 | 182 | 183 | 183 | 183 |
| Total sirens-tests | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 |
| Indicator value | 100.0% | 99.9% | 99.9% | 99.7% | 99.6% | 99.7% | 99.7% | 99.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



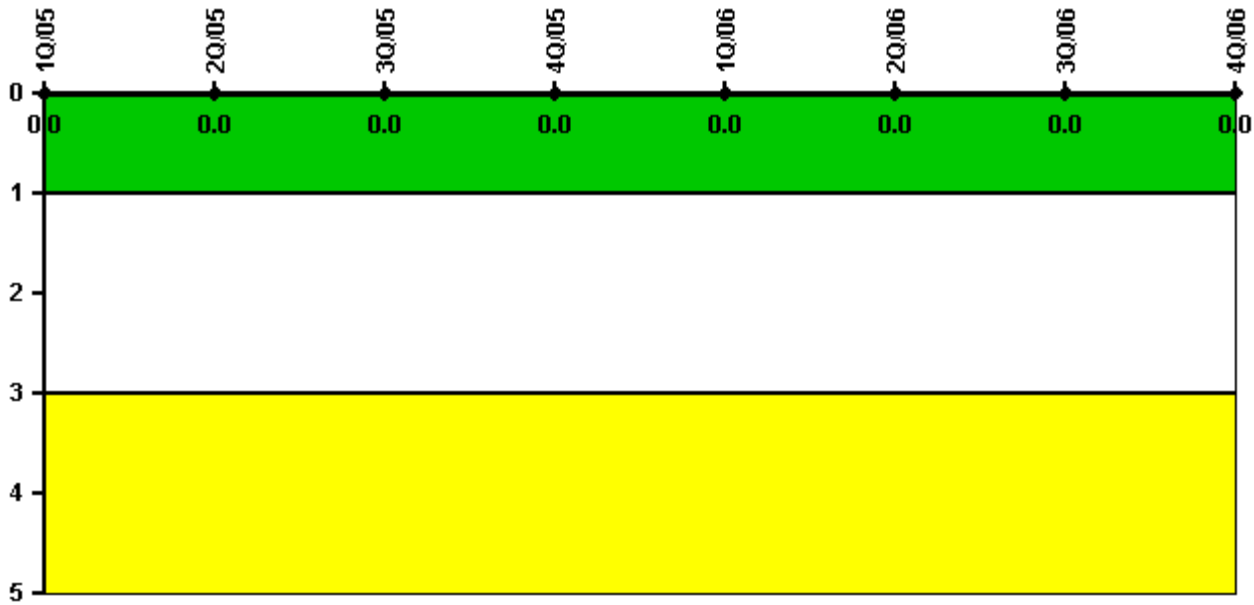
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

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