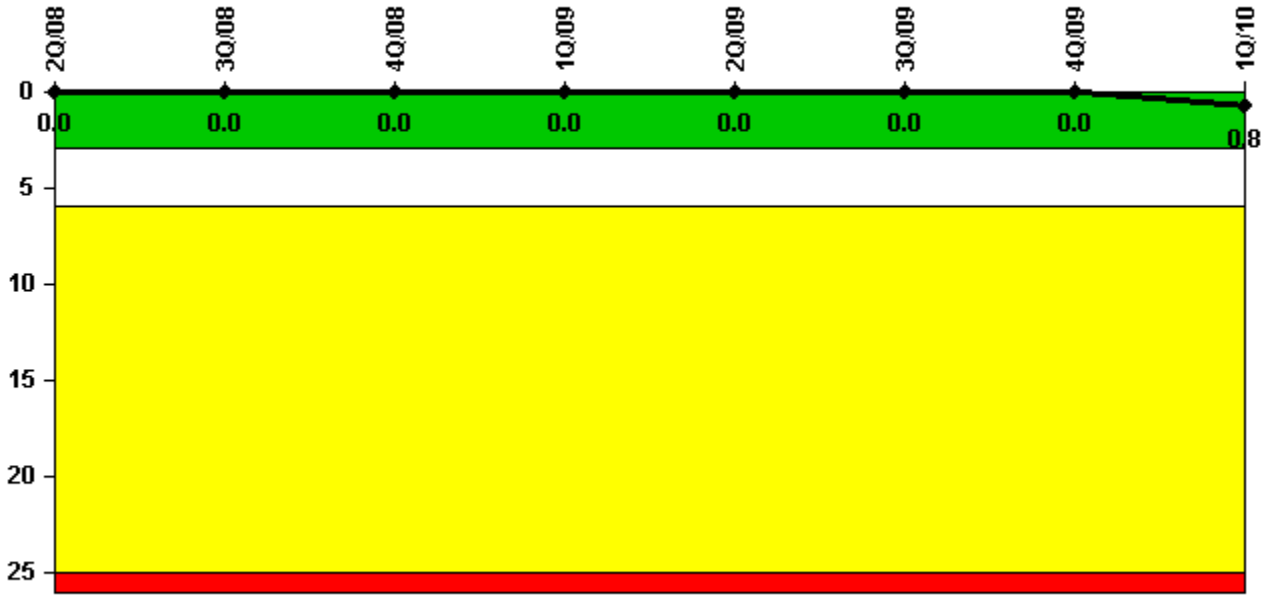


Nine Mile Point 2

1Q/2010 Performance Indicators

Licensee's General Comments: In October 2009 a Safety System Functional Failure was reported for Unit 2. However, the LER number was not provided. This change file provides the LER number.

Unplanned Scrams per 7000 Critical Hrs



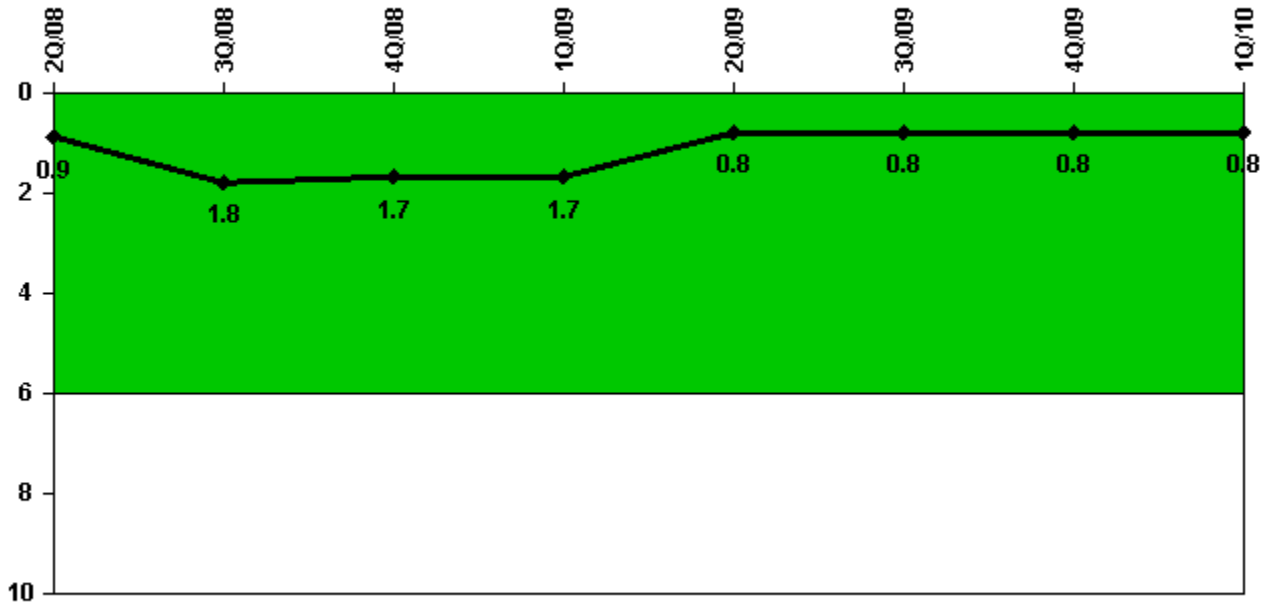
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 1817.4 | 2208.0 | 2137.1 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2107.8 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.8 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 1.0 | 1.0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 1817.4 | 2208.0 | 2137.1 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2107.8 |
| Indicator value | 0.9 | 1.8 | 1.7 | 1.7 | 0.8 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



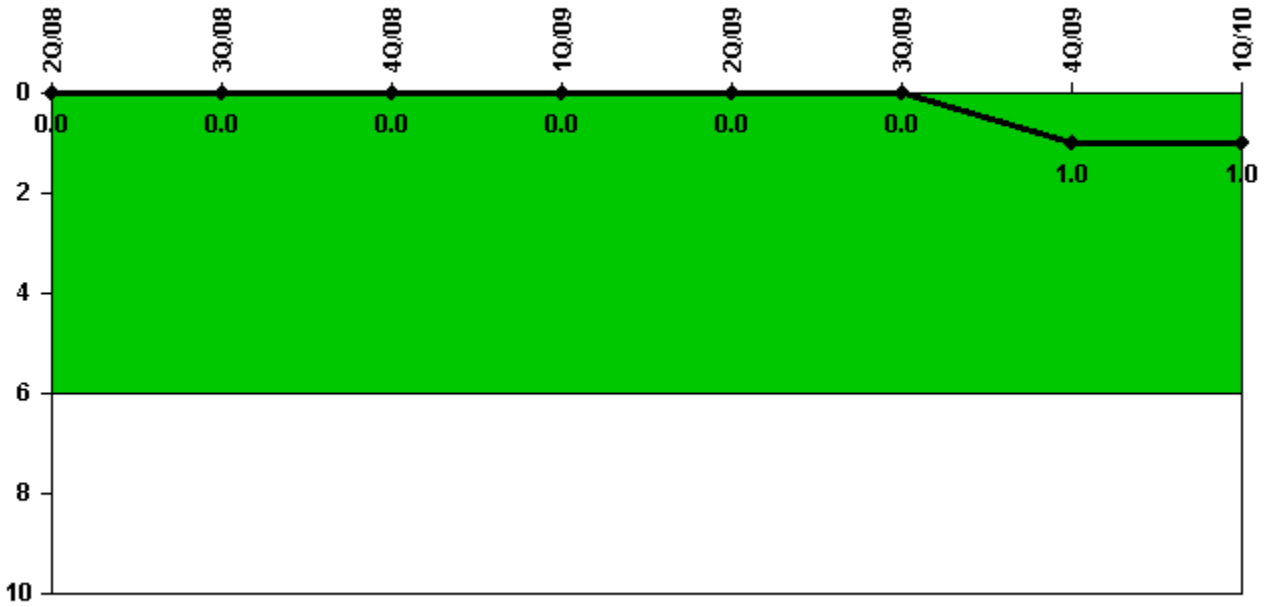
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

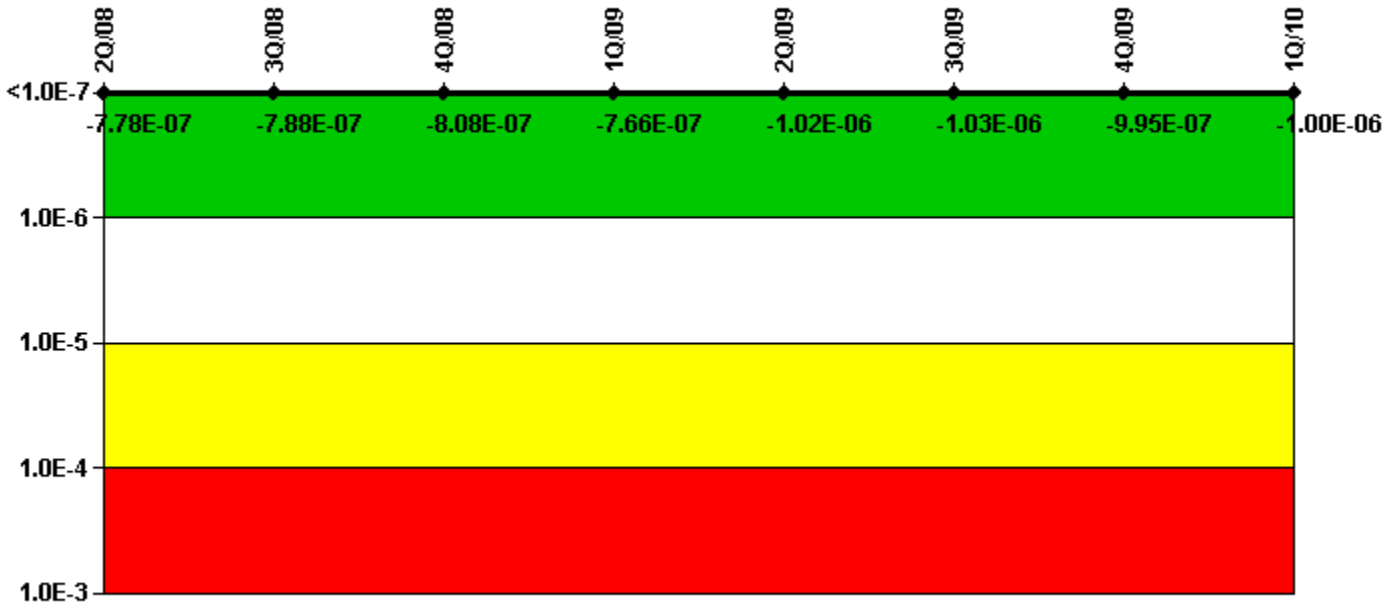
Notes

| Safety System Functional Failures (BWR) | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |

Licensee Comments:

4Q/09: LER 2009-001

Mitigating Systems Performance Index, Emergency AC Power System



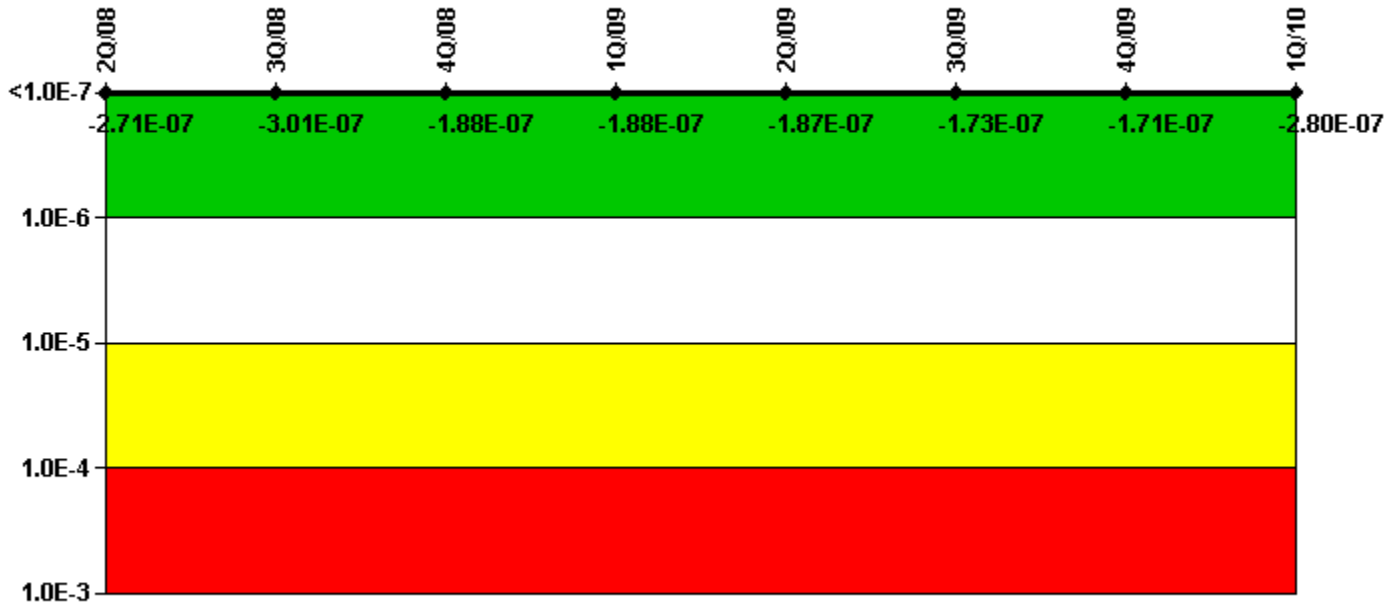
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -9.80E-08 | -9.80E-08 | -9.80E-08 | -8.60E-08 | -9.00E-08 | -9.00E-08 | -8.50E-08 | -7.39E-08 |
| URI (Δ CDF) | -6.80E-07 | -6.90E-07 | -7.10E-07 | -6.80E-07 | -9.30E-07 | -9.40E-07 | -9.10E-07 | -9.22E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.78E-07 | -7.88E-07 | -8.08E-07 | -7.66E-07 | -1.02E-06 | -1.03E-06 | -9.95E-07 | -1.00E-06 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



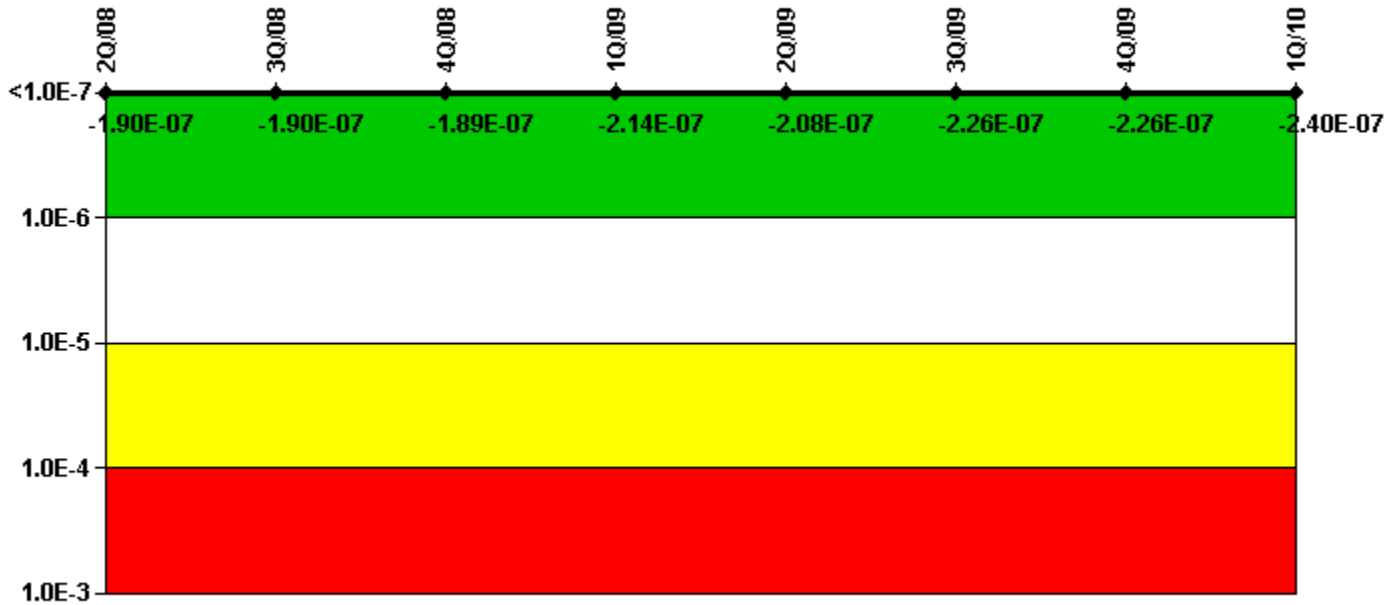
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -8.10E-08 | -8.10E-08 | 3.20E-08 | 3.20E-08 | 2.30E-08 | 3.70E-08 | 3.90E-08 | -6.73E-08 |
| URI (Δ CDF) | -1.90E-07 | -2.20E-07 | -2.20E-07 | -2.20E-07 | -2.10E-07 | -2.10E-07 | -2.10E-07 | -2.16E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.71E-07 | -3.01E-07 | -1.88E-07 | -1.88E-07 | -1.87E-07 | -1.73E-07 | -1.71E-07 | -2.80E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



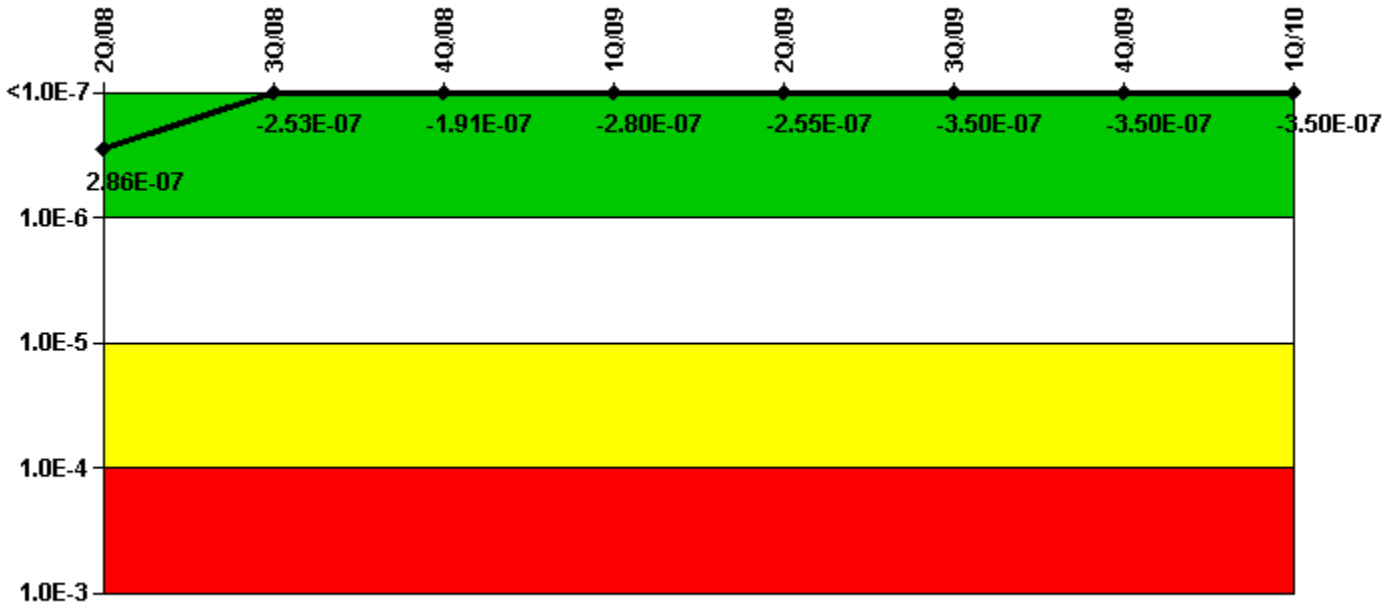
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -5.00E-08 | -5.00E-08 | -4.90E-08 | -7.40E-08 | -7.80E-08 | -8.60E-08 | -8.60E-08 | -9.70E-08 |
| URI (Δ CDF) | -1.40E-07 | -1.40E-07 | -1.40E-07 | -1.40E-07 | -1.30E-07 | -1.40E-07 | -1.40E-07 | -1.42E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.90E-07 | -1.90E-07 | -1.89E-07 | -2.14E-07 | -2.08E-07 | -2.26E-07 | -2.26E-07 | -2.40E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



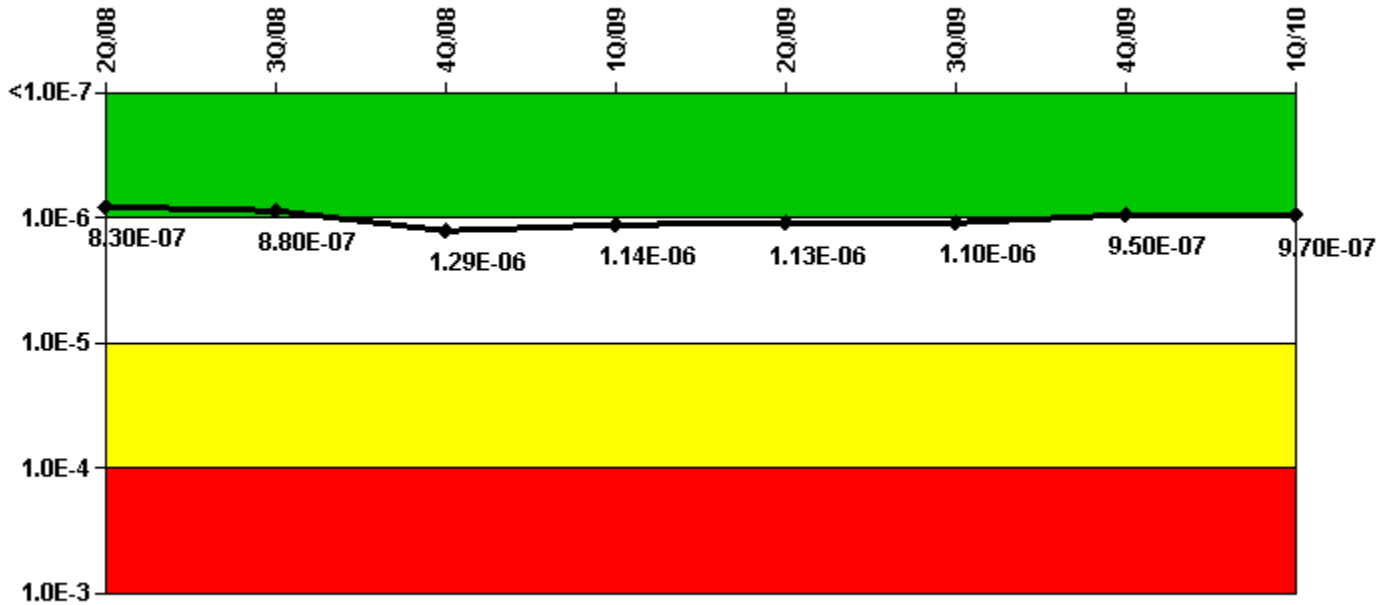
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.40E-08 | -3.30E-08 | 3.90E-08 | -7.00E-08 | -7.50E-08 | -1.70E-07 | -1.70E-07 | -1.72E-07 |
| URI (Δ CDF) | 3.00E-07 | -2.20E-07 | -2.30E-07 | -2.10E-07 | -1.80E-07 | -1.80E-07 | -1.80E-07 | -1.75E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 2.86E-07 | -2.53E-07 | -1.91E-07 | -2.80E-07 | -2.55E-07 | -3.50E-07 | -3.50E-07 | -3.50E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



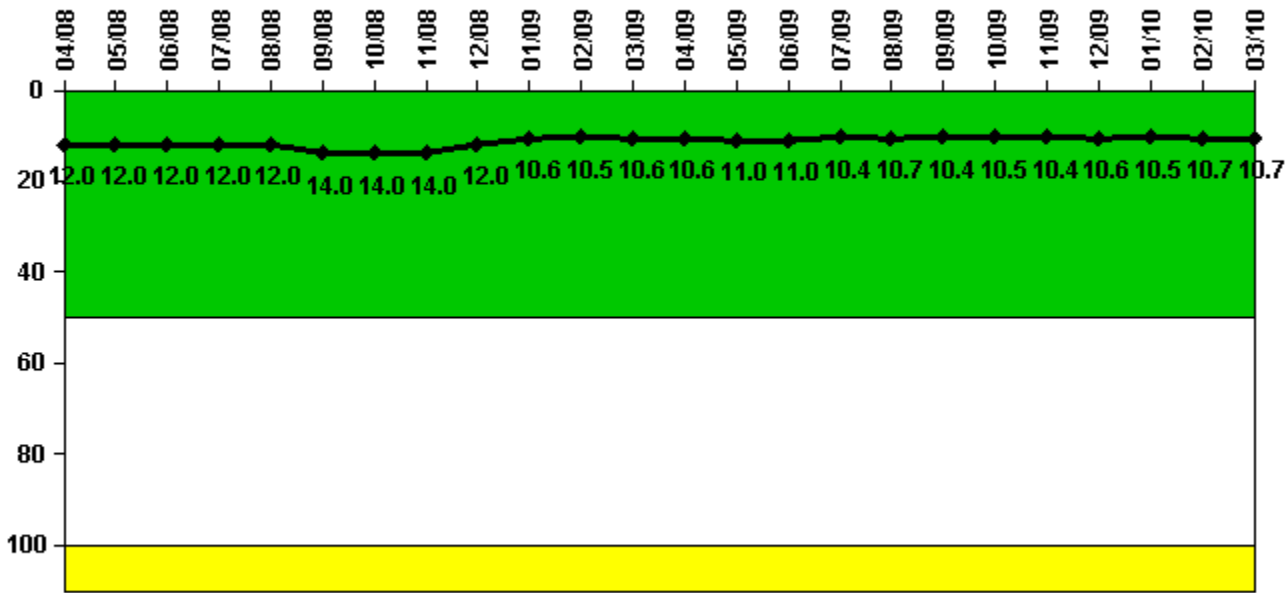
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|-----------|-----------|----------|----------|----------|----------|----------|----------|
| UAI (Δ CDF) | 9.50E-07 | 1.00E-06 | 1.10E-06 | 9.40E-07 | 9.20E-07 | 9.00E-07 | 7.40E-07 | 7.63E-07 |
| URI (Δ CDF) | -1.20E-07 | -1.20E-07 | 1.90E-07 | 2.00E-07 | 2.10E-07 | 2.00E-07 | 2.10E-07 | 2.08E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 8.30E-07 | 8.80E-07 | 1.29E-06 | 1.14E-06 | 1.13E-06 | 1.10E-06 | 9.50E-07 | 9.70E-07 |

Licensee Comments: none

Reactor Coolant System Leakage



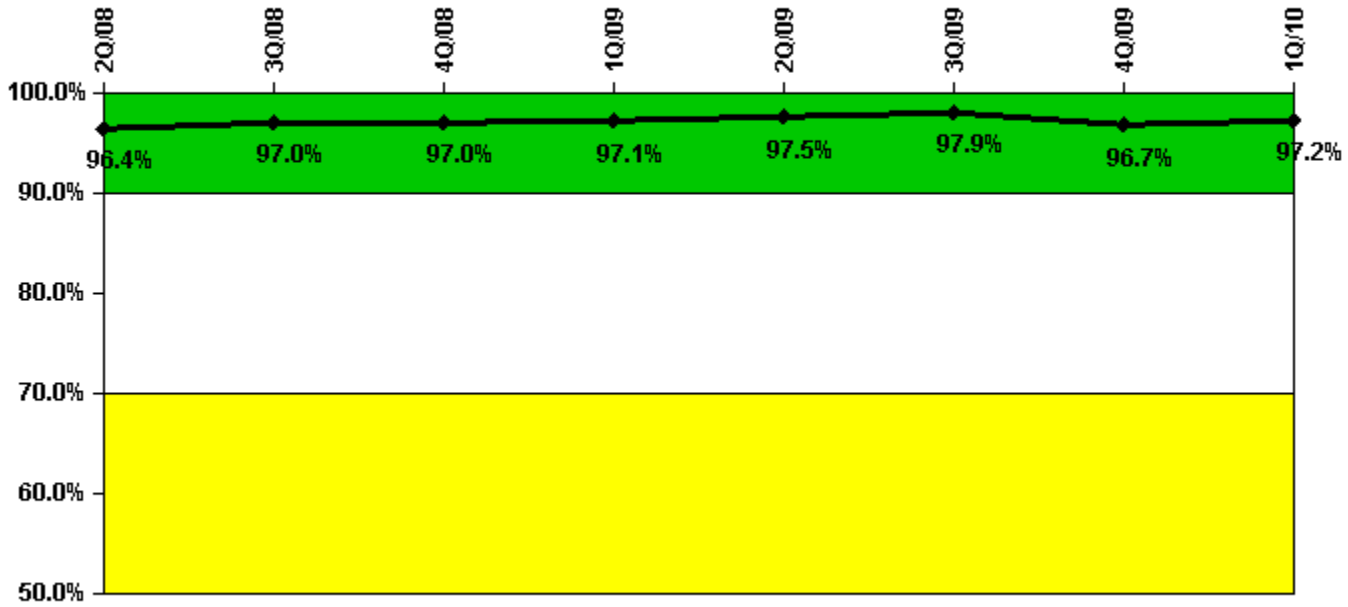
Thresholds: White > 50.0 Yellow > 100.0

Notes

| | | | | | | | | | | | | |
|---------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Reactor Coolant System Leakage | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 |
| Maximum leakage | 3.000 | 3.000 | 3.000 | 3.000 | 3.000 | 3.500 | 3.500 | 3.500 | 3.000 | 2.640 | 2.630 | 2.650 |
| 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 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 14.0 | 14.0 | 14.0 | 12.0 | 10.6 | 10.5 | 10.6 |
| Reactor Coolant System Leakage | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 |
| Maximum leakage | 2.660 | 2.750 | 2.740 | 2.610 | 2.680 | 2.600 | 2.620 | 2.600 | 2.640 | 2.630 | 2.670 | 2.670 |
| 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 | 10.6 | 11.0 | 11.0 | 10.4 | 10.7 | 10.4 | 10.5 | 10.4 | 10.6 | 10.5 | 10.7 | 10.7 |

Licensee Comments: none

Drill/Exercise Performance



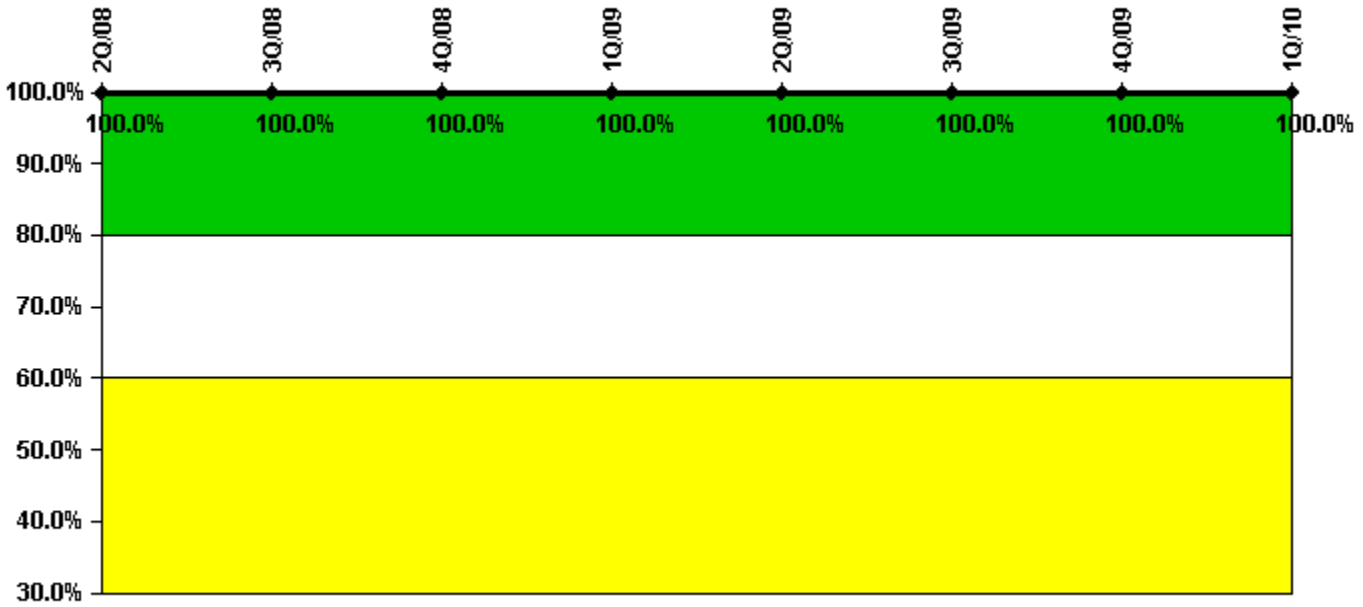
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 38.0 | 75.0 | 117.0 | 34.0 | 20.0 | 68.0 | 87.0 | 45.0 |
| Total opportunities | 40.0 | 78.0 | 121.0 | 35.0 | 20.0 | 70.0 | 88.0 | 46.0 |
| | | | | | | | | |
| Indicator value | 96.4% | 97.0% | 97.0% | 97.1% | 97.5% | 97.9% | 96.7% | 97.2% |

Licensee Comments: none

ERO Drill Participation



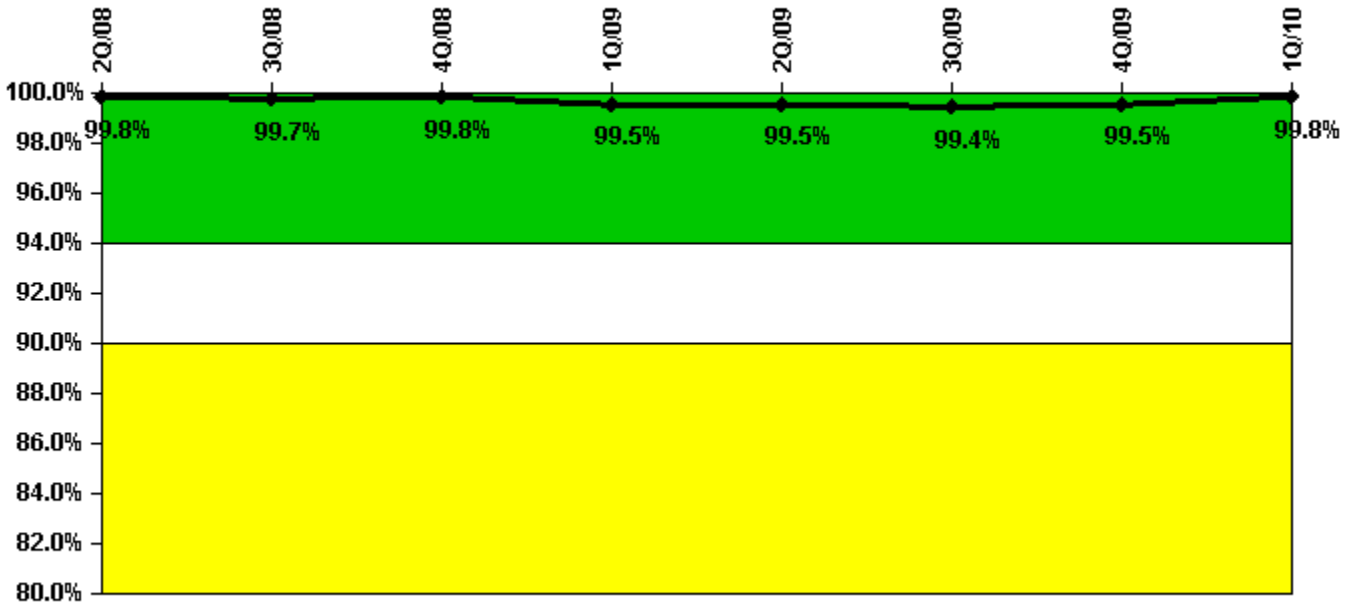
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 91.0 | 95.0 | 93.0 | 93.0 | 93.0 | 92.0 | 97.0 | 103.0 |
| Total Key personnel | 91.0 | 95.0 | 93.0 | 93.0 | 93.0 | 92.0 | 97.0 | 103.0 |
| | | | | | | | | |
| 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 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 222 | 295 | 295 | 256 | 258 | 258 | 296 | 259 |
| Total sirens-tests | 222 | 296 | 296 | 259 | 259 | 259 | 296 | 259 |
| | | | | | | | | |
| Indicator value | 99.8% | 99.7% | 99.8% | 99.5% | 99.5% | 99.4% | 99.5% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



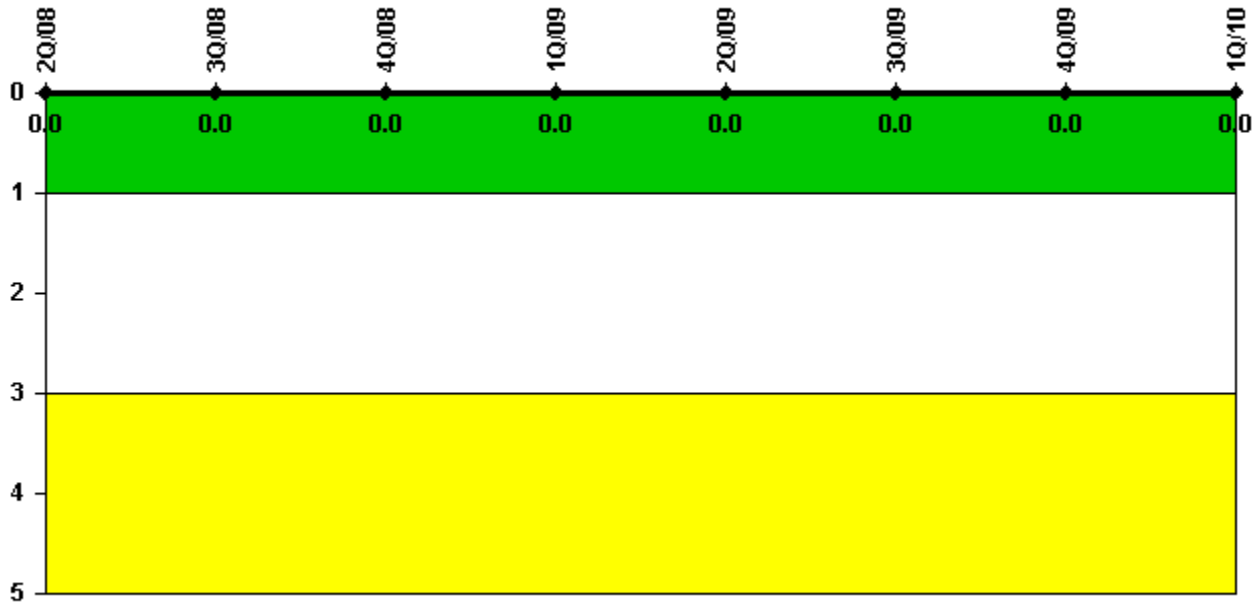
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

[Security](#) information not publicly available.