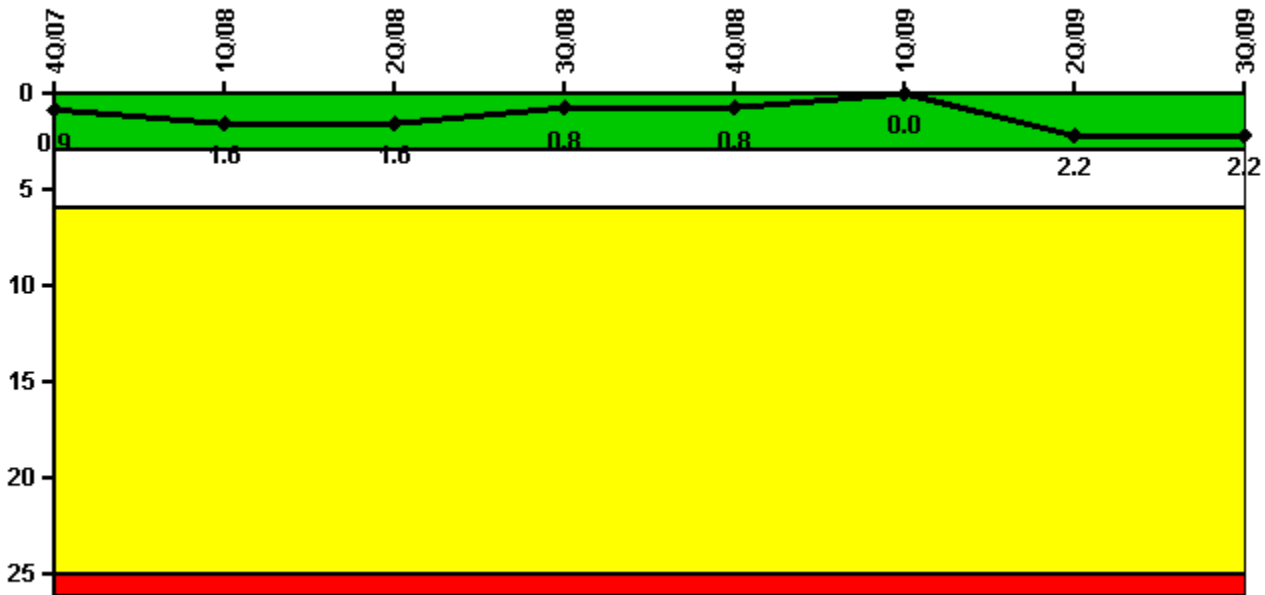


Hatch 2

3Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



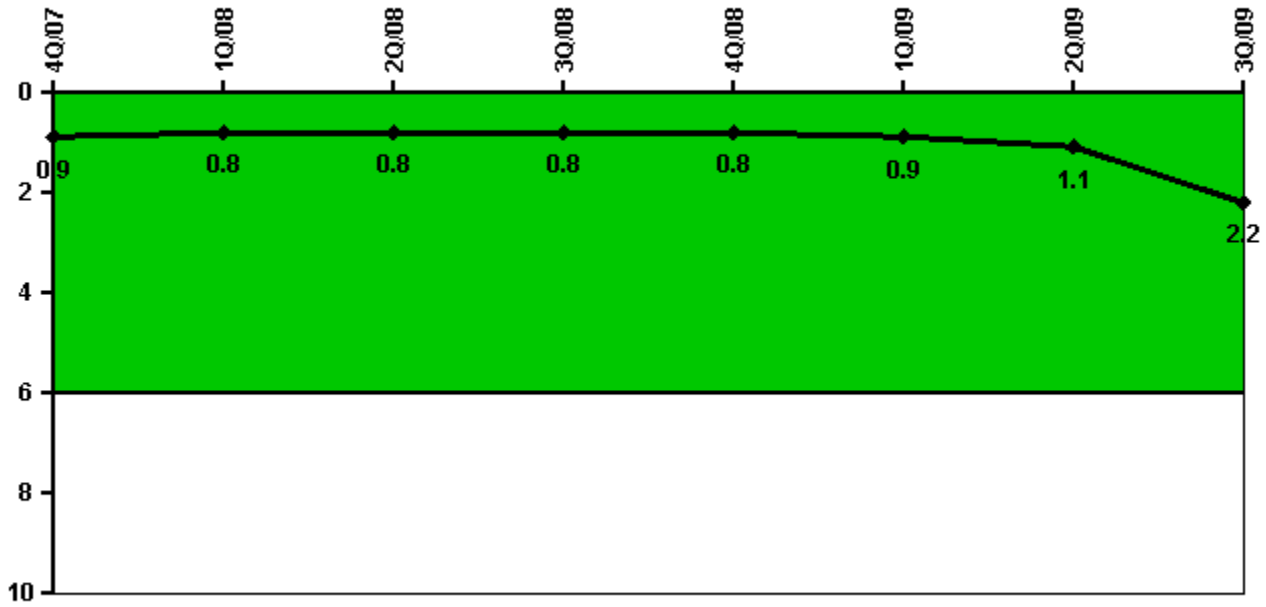
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|--|--------|--------|--------|--------|--------|-------|-------|--------|
| Unplanned scrams | 0 | 1.0 | 0 | 0 | 0 | 0 | 2.0 | 0 |
| Critical hours | 2209.0 | 2132.0 | 2060.5 | 2208.0 | 2209.0 | 937.3 | 877.2 | 2208.0 |
| Indicator value | 0.9 | 1.6 | 1.6 | 0.8 | 0.8 | 0 | 2.2 | 2.2 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



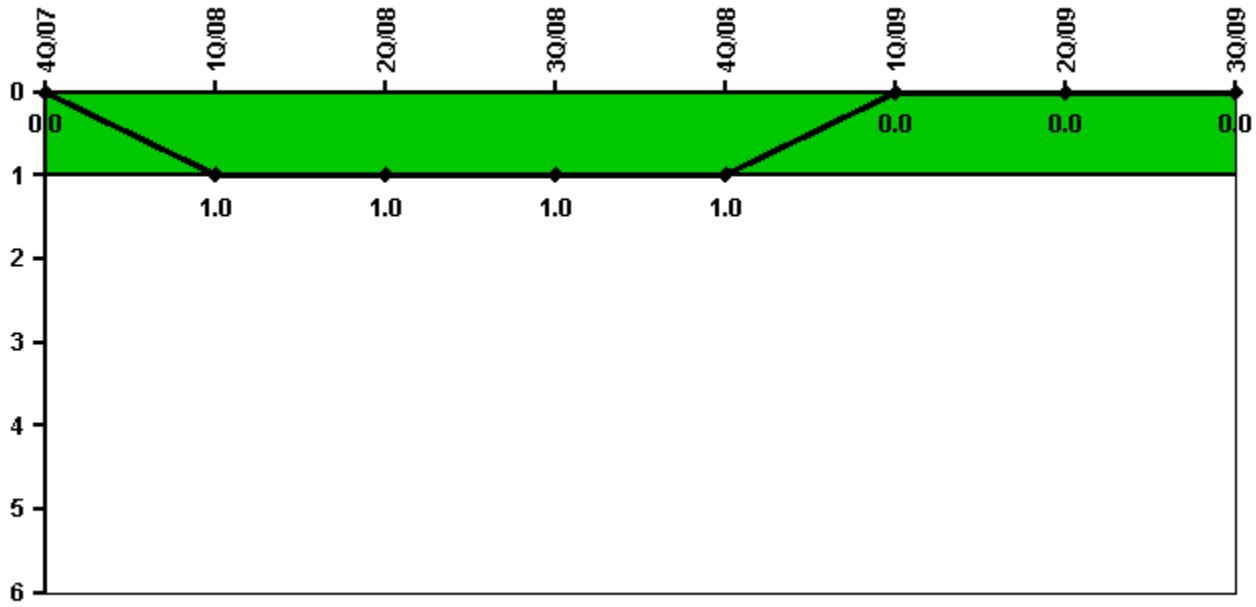
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|--------|--------|--------|--------|--------|-------|-------|--------|
| Unplanned power changes | 1.0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 1.0 |
| Critical hours | 2209.0 | 2132.0 | 2060.5 | 2208.0 | 2209.0 | 937.3 | 877.2 | 2208.0 |
| Indicator value | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 1.1 | 2.2 |

Licensee Comments: none

Unplanned Scrams with Complications



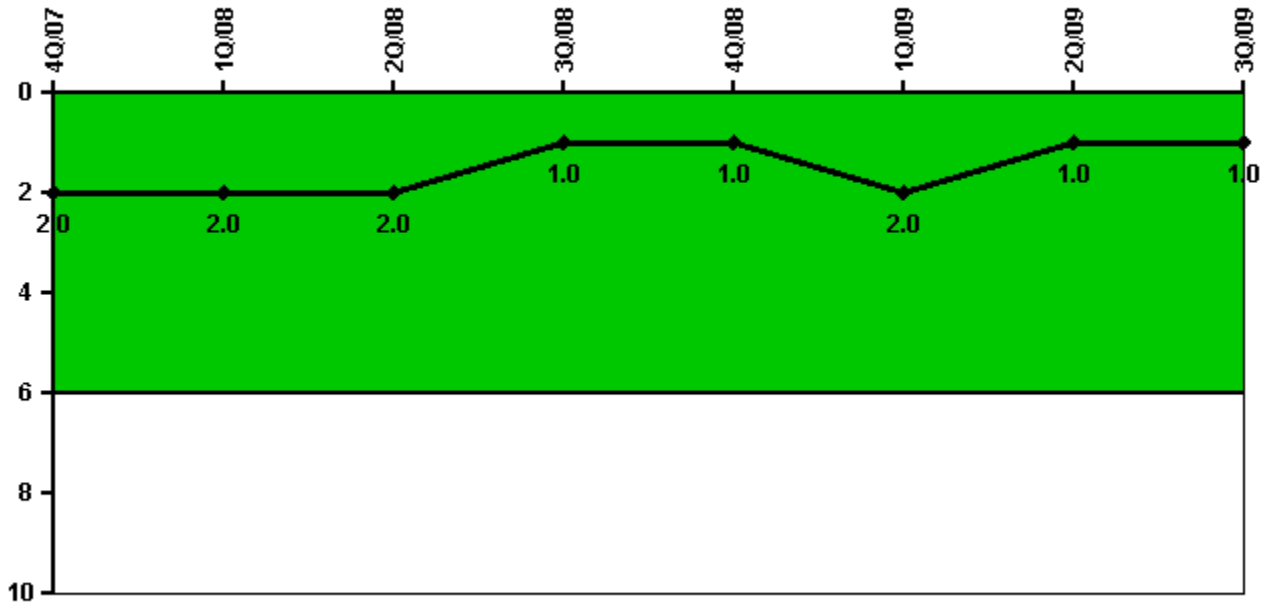
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| | | | | | | | | |
| Indicator value | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 |

Licensee Comments: none

Safety System Functional Failures (BWR)



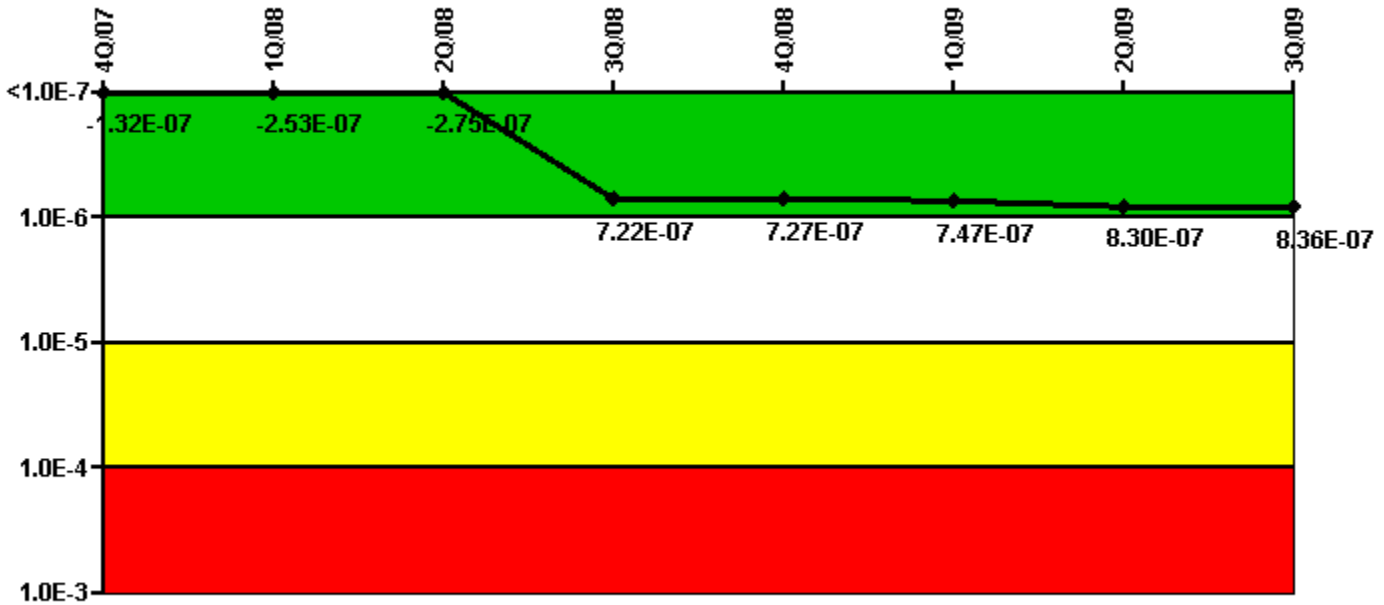
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| Indicator value | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



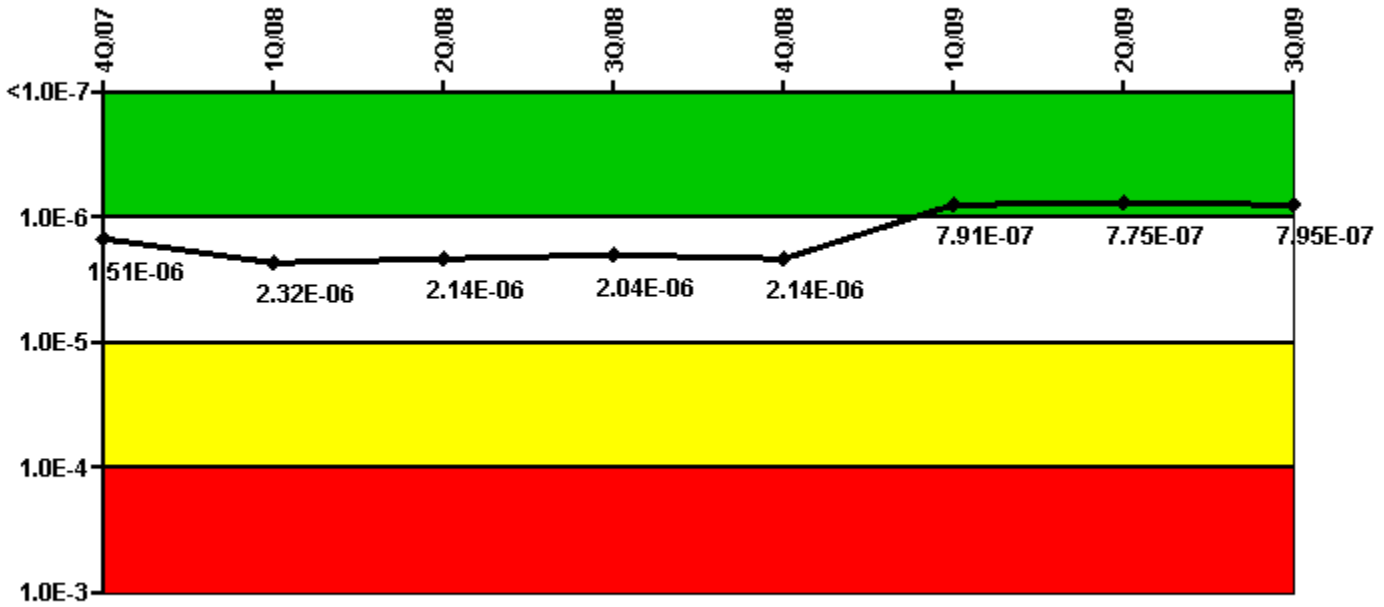
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|-----------|-----------|-----------|----------|----------|----------|----------|----------|
| UAI (Δ CDF) | -1.20E-08 | -1.30E-08 | 5.10E-09 | 6.20E-08 | 6.70E-08 | 8.70E-08 | 6.00E-08 | 6.60E-08 |
| URI (Δ CDF) | -1.20E-07 | -2.40E-07 | -2.80E-07 | 6.60E-07 | 6.60E-07 | 6.60E-07 | 7.70E-07 | 7.70E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.32E-07 | -2.53E-07 | -2.75E-07 | 7.22E-07 | 7.27E-07 | 7.47E-07 | 8.30E-07 | 8.36E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



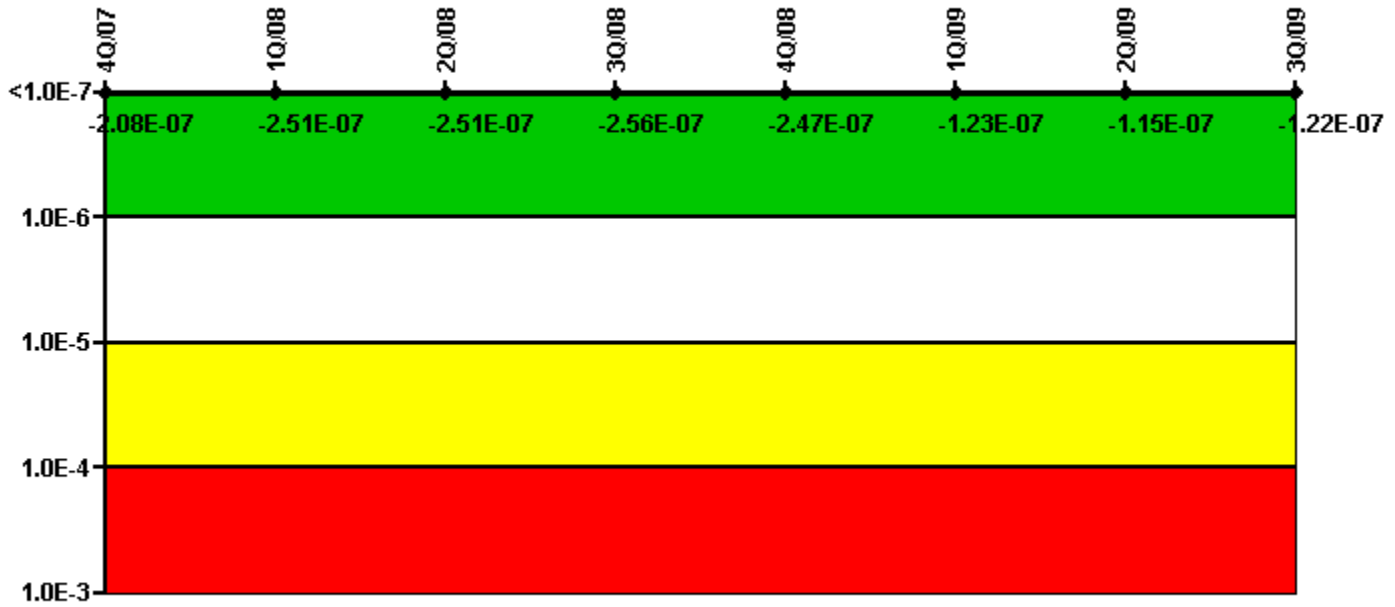
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|--|----------|----------|----------|----------|----------|----------|-----------|-----------|
| UAI (ΔCDF) | 5.40E-09 | 2.20E-07 | 3.70E-08 | 3.70E-08 | 3.70E-08 | 1.10E-08 | -4.80E-09 | -4.80E-09 |
| URI (ΔCDF) | 1.50E-06 | 2.10E-06 | 2.10E-06 | 2.00E-06 | 2.10E-06 | 7.80E-07 | 7.80E-07 | 8.00E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.51E-06 | 2.32E-06 | 2.14E-06 | 2.04E-06 | 2.14E-06 | 7.91E-07 | 7.75E-07 | 7.95E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



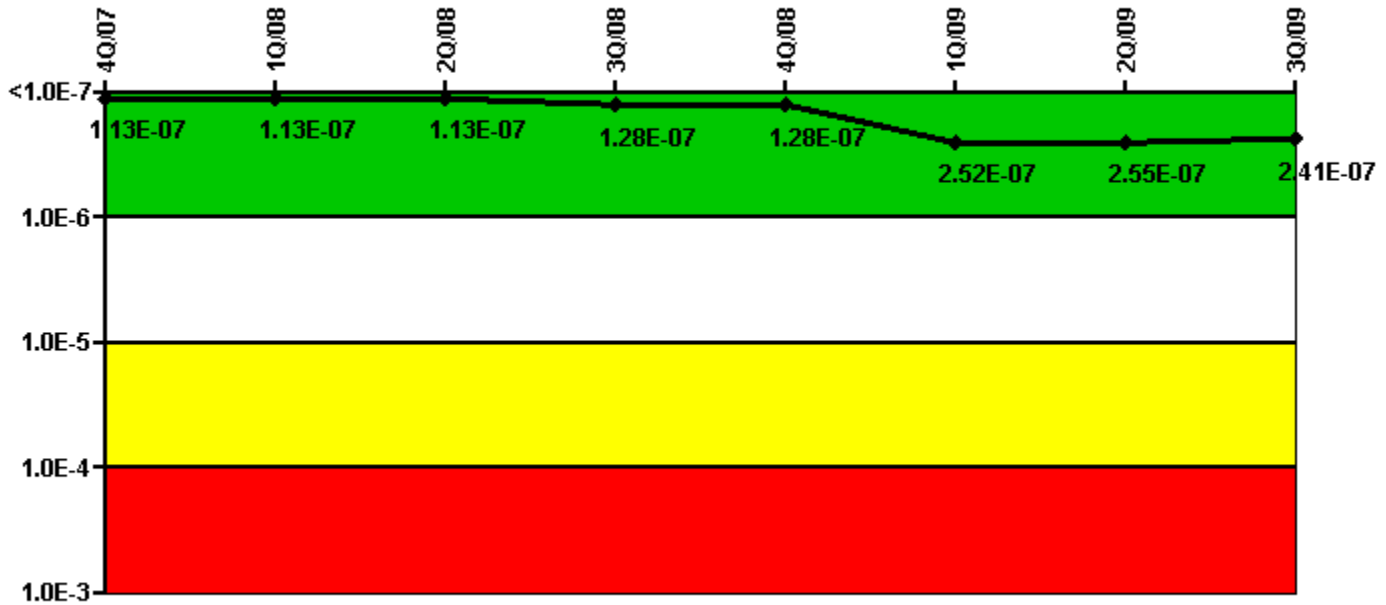
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -5.80E-08 | -7.10E-08 | -7.10E-08 | -6.60E-08 | -6.70E-08 | -3.50E-08 | -3.20E-08 | -4.00E-08 |
| URI (Δ CDF) | -1.50E-07 | -1.80E-07 | -1.80E-07 | -1.90E-07 | -1.80E-07 | -8.80E-08 | -8.30E-08 | -8.20E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.08E-07 | -2.51E-07 | -2.51E-07 | -2.56E-07 | -2.47E-07 | -1.23E-07 | -1.15E-07 | -1.22E-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

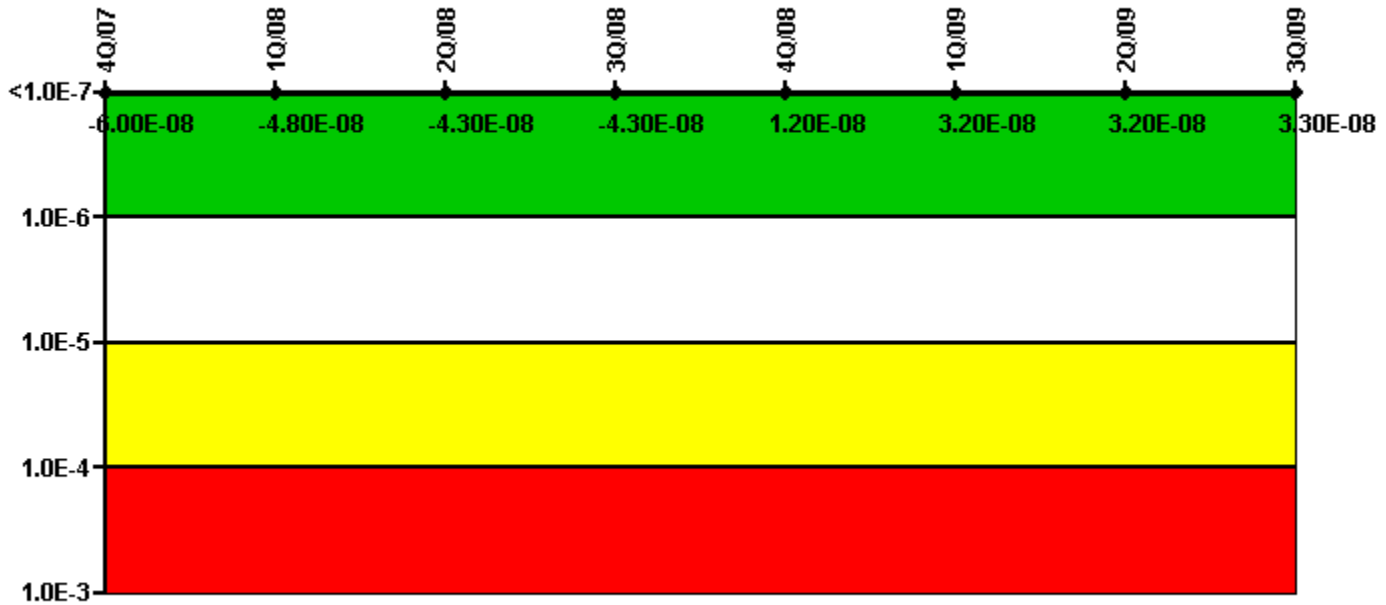
| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|--|-----------|-----------|-----------|----------|----------|----------|----------|----------|
| UAI (ΔCDF) | -7.10E-09 | -7.20E-09 | -7.20E-09 | 1.80E-08 | 1.80E-08 | 2.20E-08 | 2.50E-08 | 1.10E-08 |
| URI (ΔCDF) | 1.20E-07 | 1.20E-07 | 1.20E-07 | 1.10E-07 | 1.10E-07 | 2.30E-07 | 2.30E-07 | 2.30E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.13E-07 | 1.13E-07 | 1.13E-07 | 1.28E-07 | 1.28E-07 | 2.52E-07 | 2.55E-07 | 2.41E-07 |

Licensee Comments:

2Q/09: 2Q09 MSPI values for RHR updated automatically based on completion of evaluation and entry of 2E11F007B failure in 1Q09.

1Q/09: Failure of 2E11F007B to open during tag-out restoration was determined to be a failure. (CR2009102439). CDF and the PRA importance coefficients for all monitored components for both units were updated in CDE per update to the plant specific PRA (Revision 3) in December 2008.

Mitigating Systems Performance Index, Cooling Water Systems



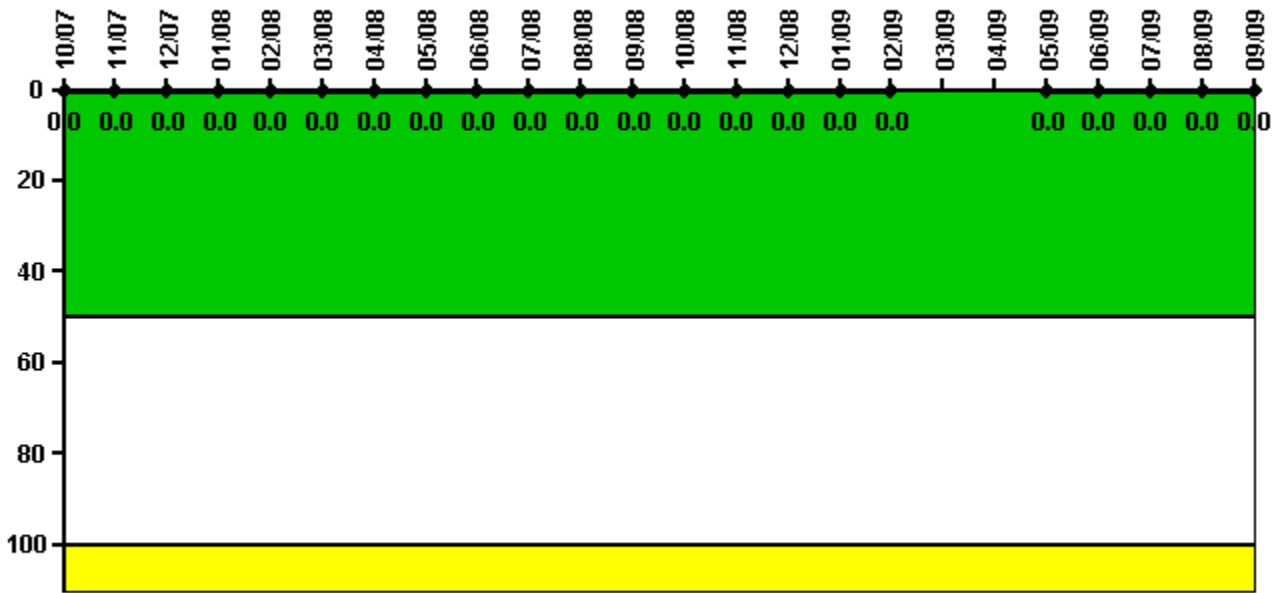
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 4.00E-08 | 6.20E-08 | 4.40E-08 | 4.40E-08 | 4.50E-08 | 5.90E-08 | 5.90E-08 | 5.90E-08 |
| URI (Δ CDF) | -1.00E-07 | -1.10E-07 | -8.70E-08 | -8.70E-08 | -3.30E-08 | -2.70E-08 | -2.70E-08 | -2.60E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -6.00E-08 | -4.80E-08 | -4.30E-08 | -4.30E-08 | 1.20E-08 | 3.20E-08 | 3.20E-08 | 3.30E-08 |

Licensee Comments: none

Reactor Coolant System Activity



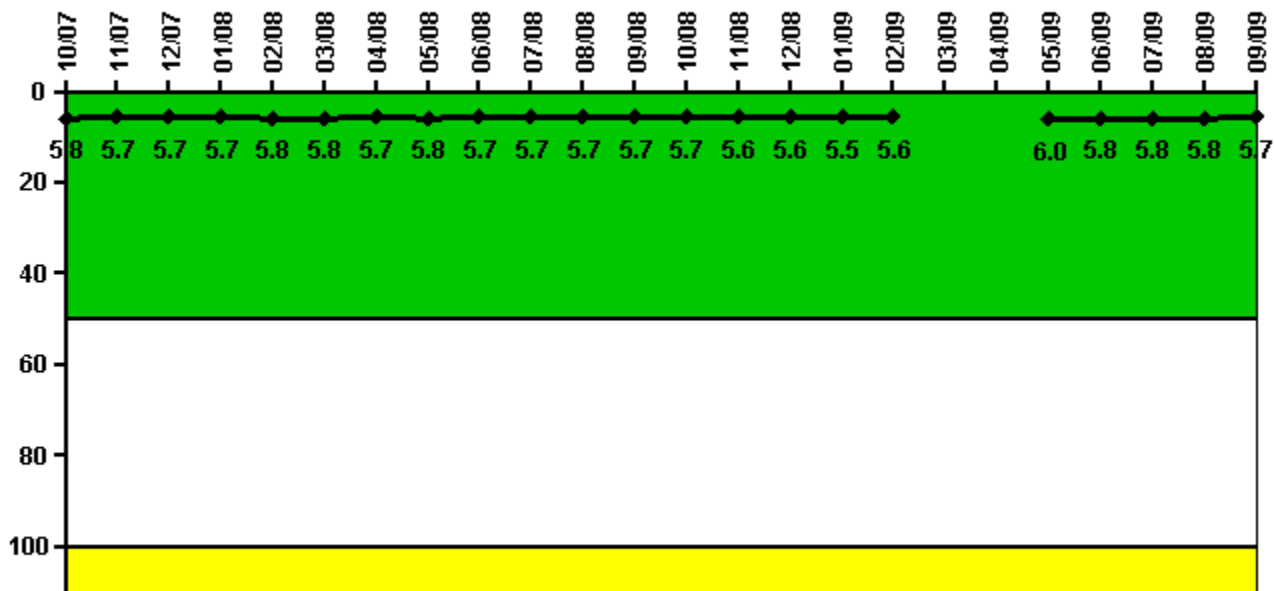
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000012 | 0.000005 | 0.000006 | 0.000005 | 0.000007 | 0.000006 | 0.000006 | 0.000004 | 0.000005 | 0.000007 | 0.000006 | 0.000005 |
| 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 | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 |
| Maximum activity | 0.000010 | 0.000016 | 0.000005 | 0.000004 | 0.000004 | N/A | N/A | 0.000001 | 0.000003 | 0.000005 | 0.000004 | 0.000004 |
| 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 | N/A | N/A | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



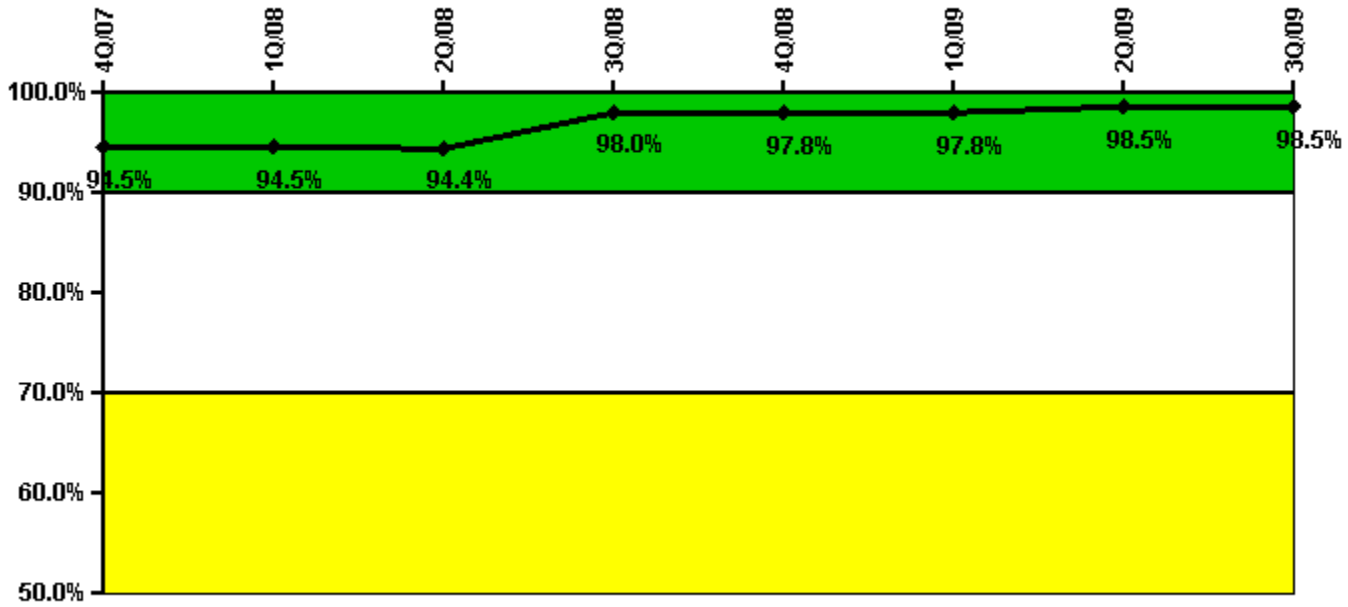
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.730 | 1.720 | 1.720 | 1.720 | 1.740 | 1.750 | 1.710 | 1.730 | 1.720 | 1.720 | 1.710 | 1.710 |
| Technical specification limit | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Indicator value | 5.8 | 5.7 | 5.7 | 5.7 | 5.8 | 5.8 | 5.7 | 5.8 | 5.7 | 5.7 | 5.7 | 5.7 |
| Reactor Coolant System Leakage | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 |
| Maximum leakage | 1.710 | 1.690 | 1.680 | 1.660 | 1.690 | N/A | N/A | 1.810 | 1.740 | 1.740 | 1.740 | 1.710 |
| Technical specification limit | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Indicator value | 5.7 | 5.6 | 5.6 | 5.5 | 5.6 | N/A | N/A | 6.0 | 5.8 | 5.8 | 5.8 | 5.7 |

Licensee Comments: none

Drill/Exercise Performance



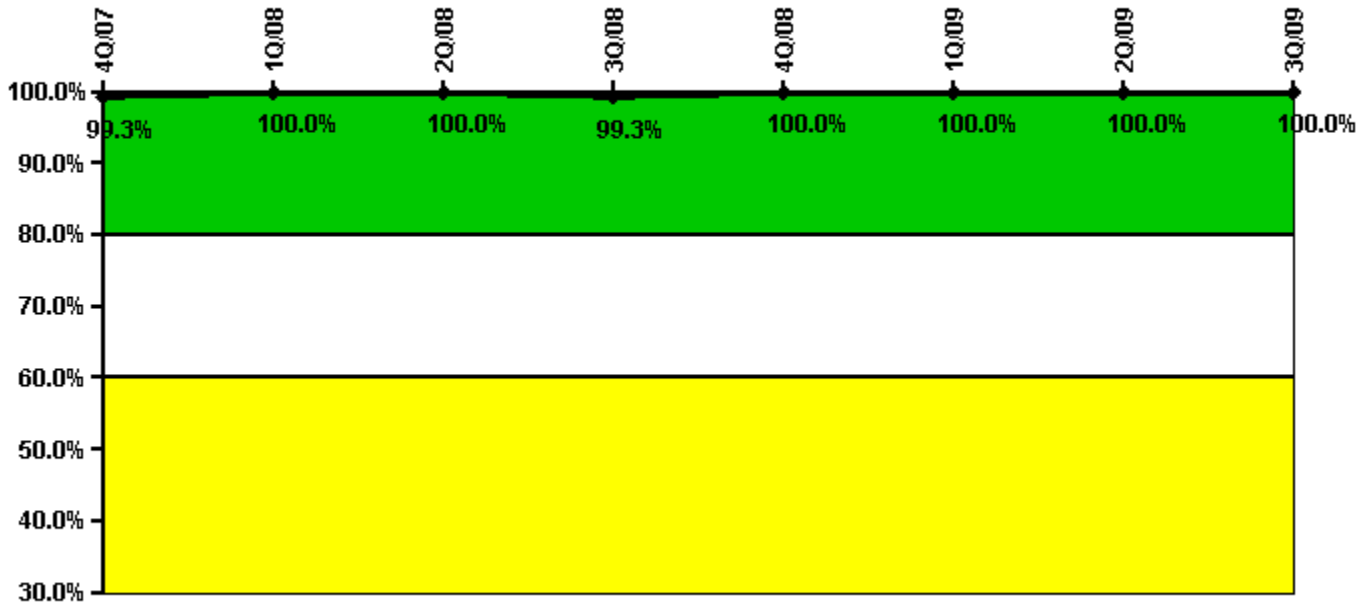
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 7.0 | 6.0 | 30.0 | 43.0 | 8.0 | 2.0 | 23.0 | 10.0 |
| Total opportunities | 7.0 | 6.0 | 32.0 | 43.0 | 8.0 | 2.0 | 23.0 | 10.0 |
| | | | | | | | | |
| Indicator value | 94.5% | 94.5% | 94.4% | 98.0% | 97.8% | 97.8% | 98.5% | 98.5% |

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|-----------------------------|-------|--------|--------|-------|--------|--------|--------|--------|
| Participating Key personnel | 136.0 | 137.0 | 134.0 | 142.0 | 148.0 | 141.0 | 132.0 | 136.0 |
| Total Key personnel | 137.0 | 137.0 | 134.0 | 143.0 | 148.0 | 141.0 | 132.0 | 136.0 |
| Indicator value | 99.3% | 100.0% | 100.0% | 99.3% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System

**Not applicable due to
unique design
characteristics.
Performance in this area
will be assessed through
focused NRC inspection
efforts.**

Notes

| Alert & Notification System | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | | | | | | | | |
| Total sirens-tests | | | | | | | | |
| | | | | | | | | |
| Indicator value | | | | | | | | |

Licensee Comments:

3Q/09: Plant Hatch does not use sirens as an emergency notification system.

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.