

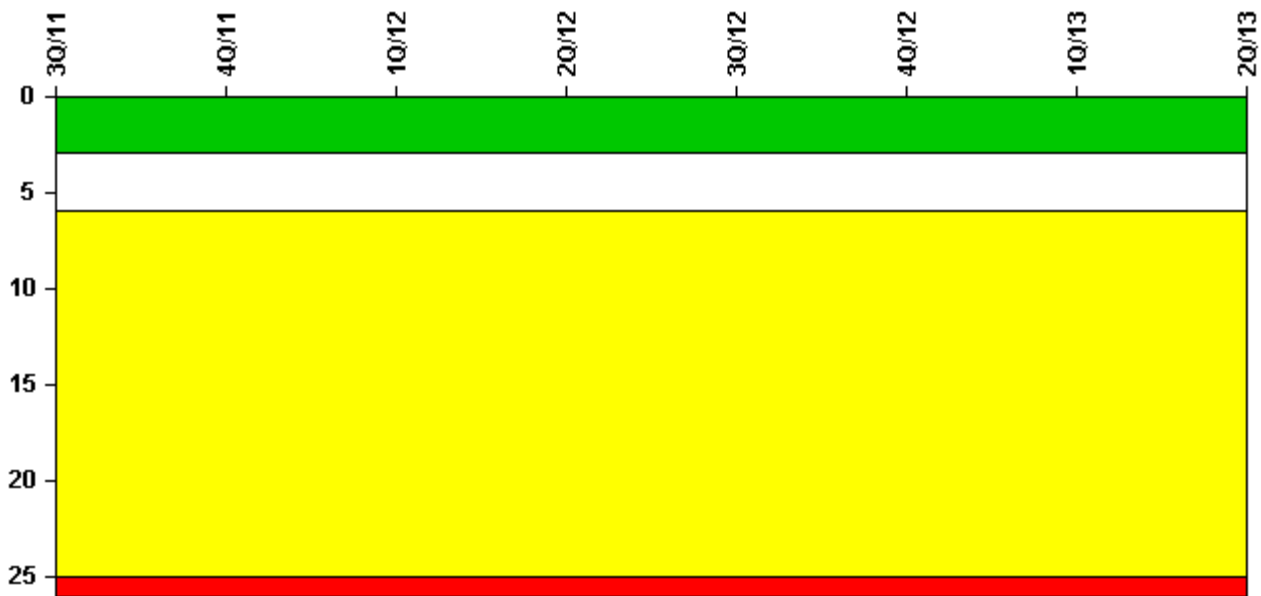
Crystal River 3

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



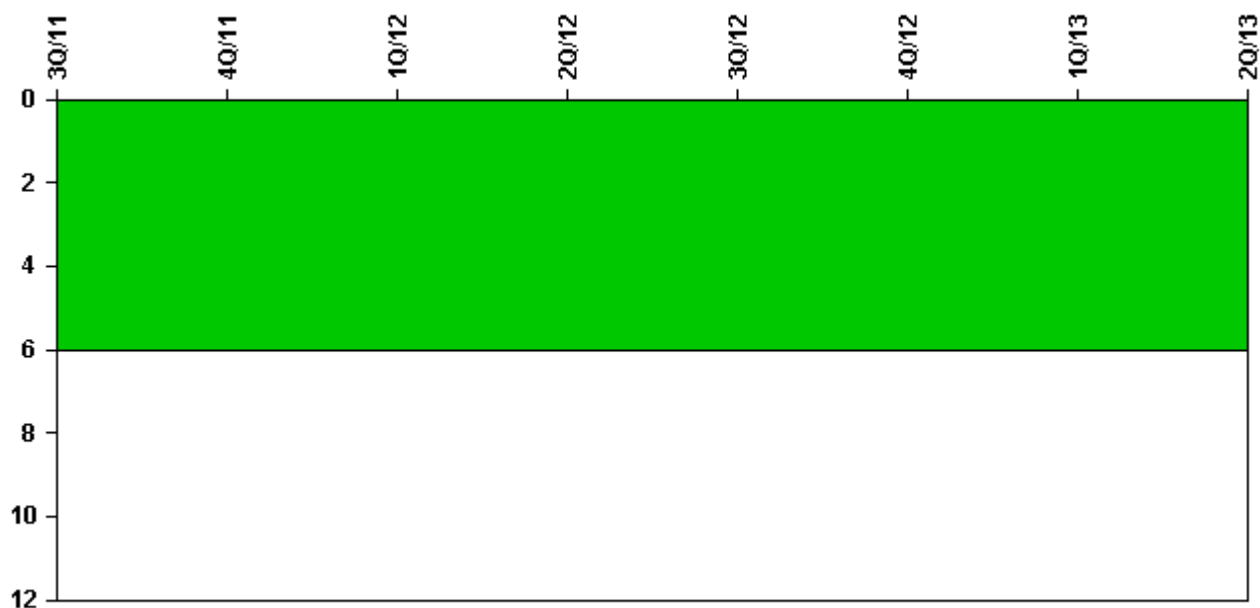
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|--|-------|-------|-------|-------|-------|-------|-------|-------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Critical hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Indicator value | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



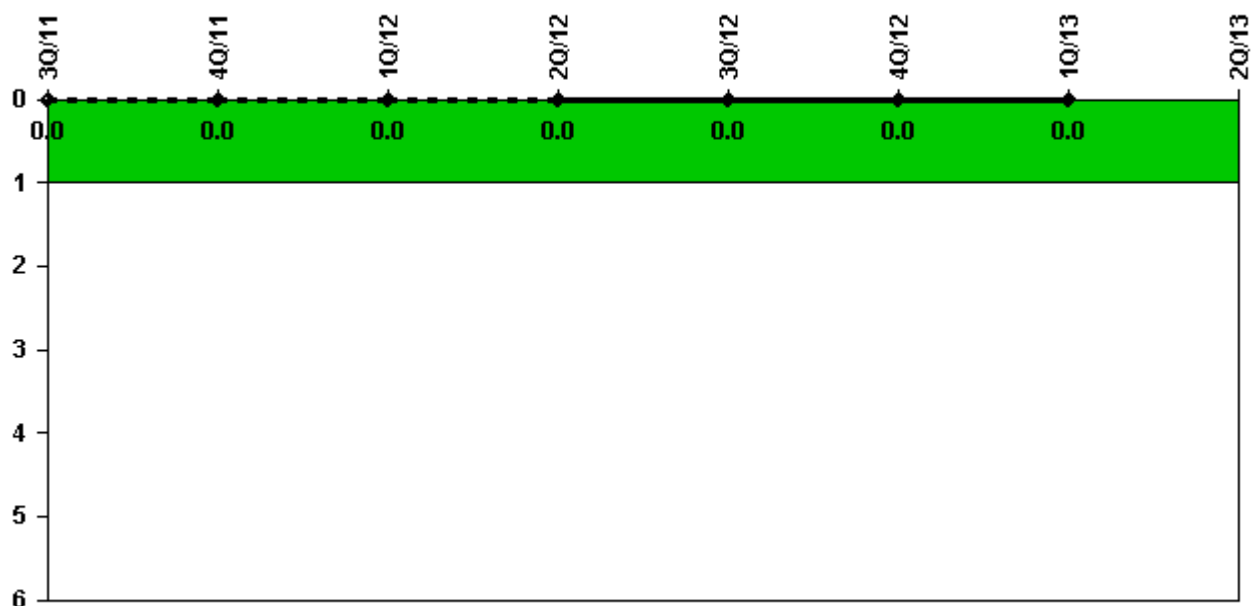
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Critical hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Indicator value | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |

Licensee Comments: none

Unplanned Scrams with Complications



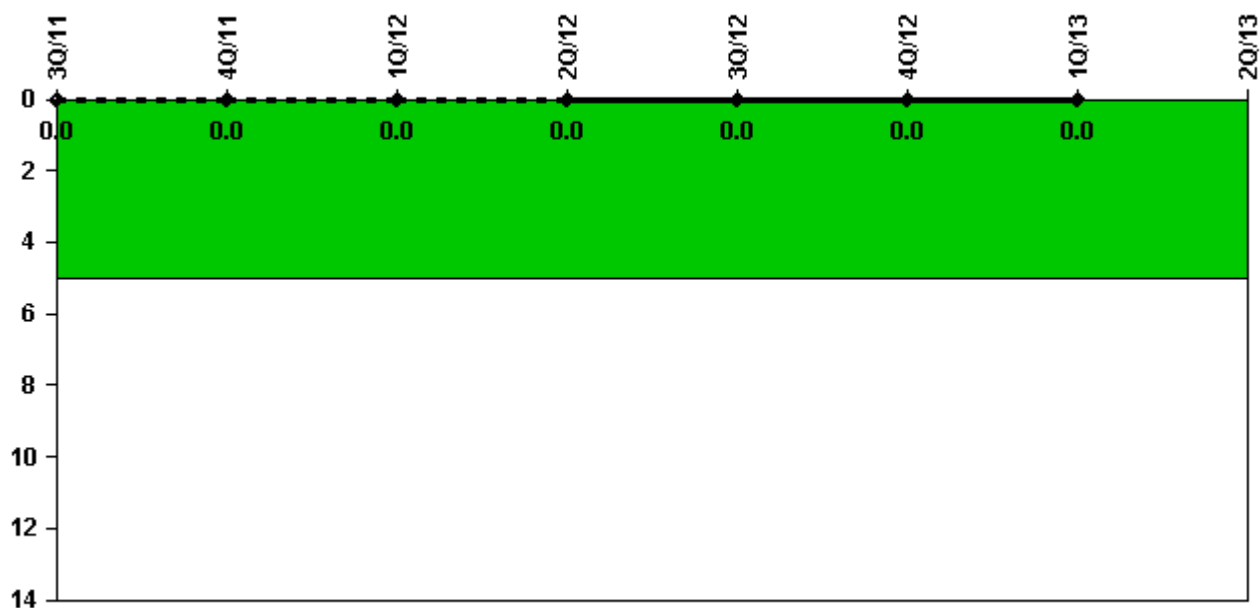
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|-------|
| Scrams with complications | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | | | | | | |
| Indicator value | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |

Licensee Comments: none

Safety System Functional Failures (PWR)



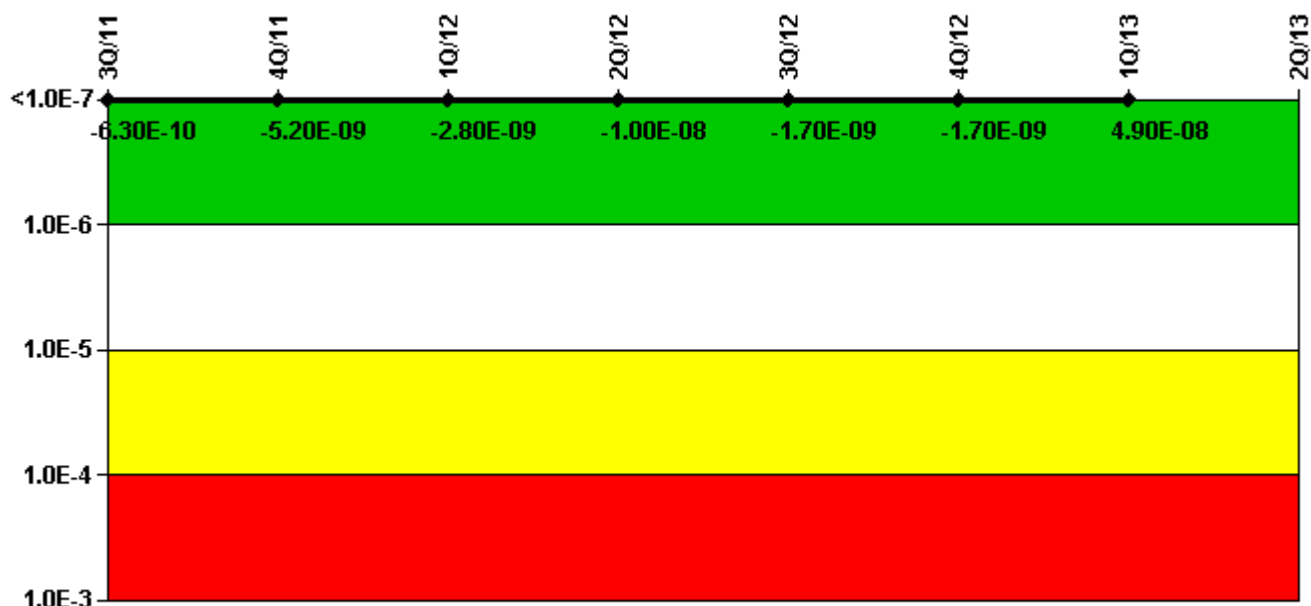
Thresholds: White > 5.0

Notes

| Safety System Functional Failures (PWR) | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|---|----------|----------|----------|----------|----------|----------|----------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



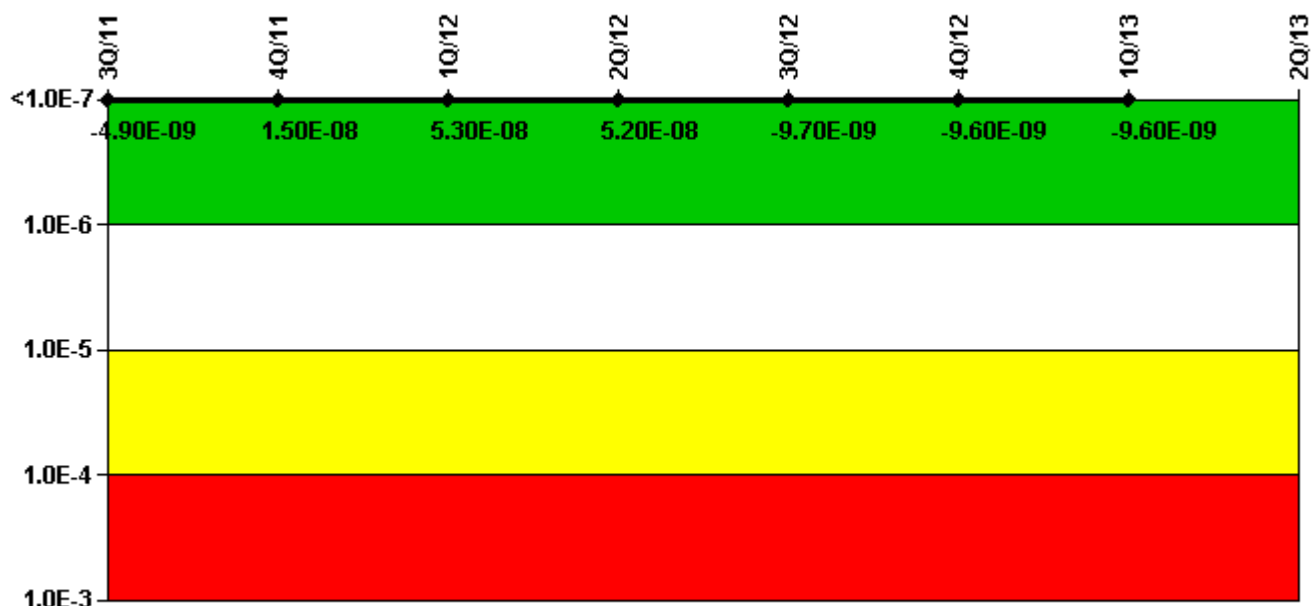
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|----------|-------|
| UAI (Δ CDF) | 1.04E-09 | -3.56E-09 | -1.13E-09 | -8.45E-09 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| URI (Δ CDF) | -1.68E-09 | -1.68E-09 | -1.68E-09 | -1.68E-09 | -1.68E-09 | -1.68E-09 | 4.92E-08 | |
| PLE | NO | NO | NO | NO | NO | NO | NO | |
| Indicator value | -6.30E-10 | -5.20E-09 | -2.80E-09 | -1.00E-08 | -1.70E-09 | -1.70E-09 | 4.90E-08 | |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



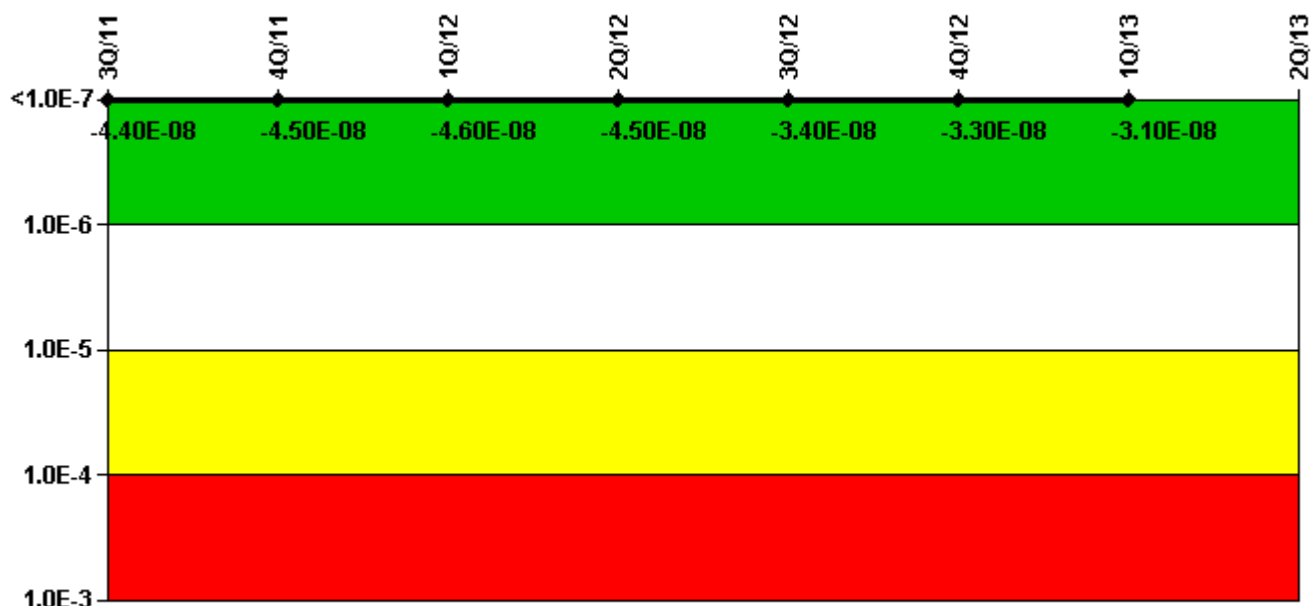
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| UAI (ΔCDF) | 5.00E-09 | 2.48E-08 | 6.32E-08 | 6.16E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| URI (ΔCDF) | -9.87E-09 | -9.83E-09 | -9.78E-09 | -9.74E-09 | -9.69E-09 | -9.65E-09 | -9.60E-09 | |
| PLE | NO | NO | NO | NO | NO | NO | NO | |
| Indicator value | -4.90E-09 | 1.50E-08 | 5.30E-08 | 5.20E-08 | -9.70E-09 | -9.60E-09 | -9.60E-09 | |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



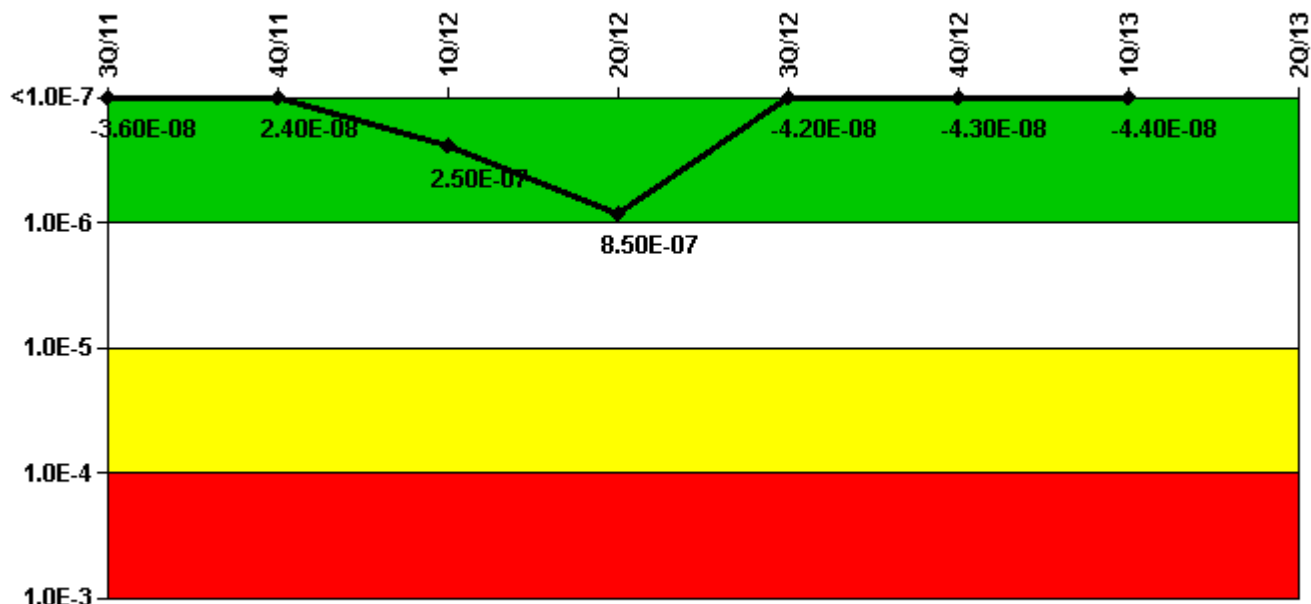
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| UAI (Δ CDF) | -3.52E-09 | -5.87E-09 | -9.19E-09 | -9.19E-09 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| URI (Δ CDF) | -4.02E-08 | -3.88E-08 | -3.73E-08 | -3.58E-08 | -3.42E-08 | -3.26E-08 | -3.09E-08 | |
| PLE | NO | NO | NO | NO | NO | NO | NO | |
| Indicator value | -4.40E-08 | -4.50E-08 | -4.60E-08 | -4.50E-08 | -3.40E-08 | -3.30E-08 | -3.10E-08 | |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



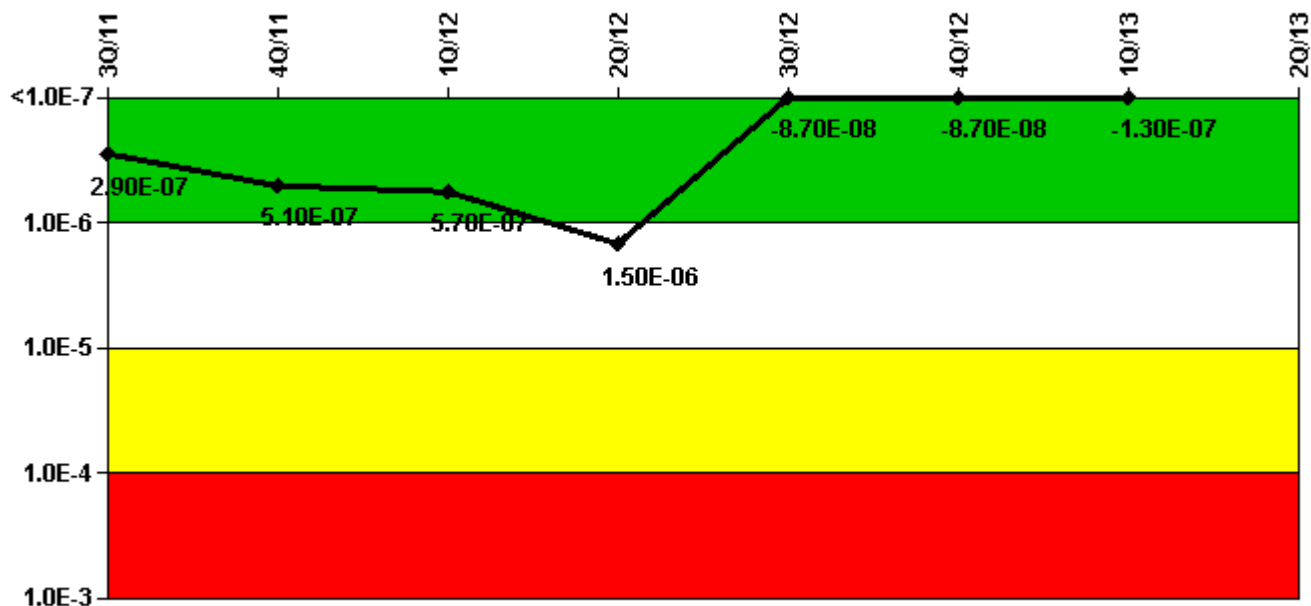
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| UAI (ΔCDF) | -5.17E-10 | 6.19E-08 | 2.87E-07 | 8.93E-07 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| URI (ΔCDF) | -3.60E-08 | -3.74E-08 | -3.88E-08 | -4.02E-08 | -4.16E-08 | -4.29E-08 | -4.42E-08 | |
| PLE | NO | NO | NO | NO | NO | NO | NO | |
| Indicator value | -3.60E-08 | 2.40E-08 | 2.50E-07 | 8.50E-07 | -4.20E-08 | -4.30E-08 | -4.40E-08 | |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



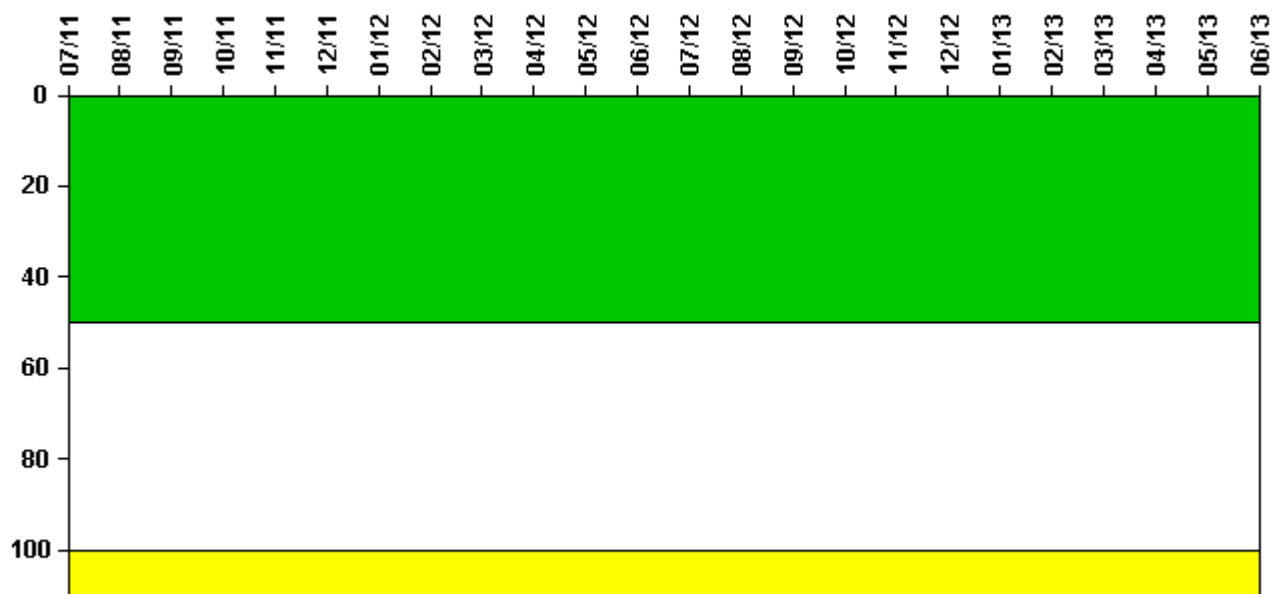
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|---|----------|----------|----------|----------|-----------|-----------|-----------|-------|
| UAI (Δ CDF) | 2.81E-07 | 4.98E-07 | 5.51E-07 | 1.47E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| URI (Δ CDF) | 1.31E-08 | 1.62E-08 | 1.95E-08 | 2.29E-08 | -8.65E-08 | -8.65E-08 | -1.35E-07 | |
| PLE | NO | NO | NO | NO | NO | NO | NO | |
| Indicator value | 2.90E-07 | 5.10E-07 | 5.70E-07 | 1.50E-06 | -8.70E-08 | -8.70E-08 | -1.30E-07 | |

Licensee Comments: none

Reactor Coolant System Activity



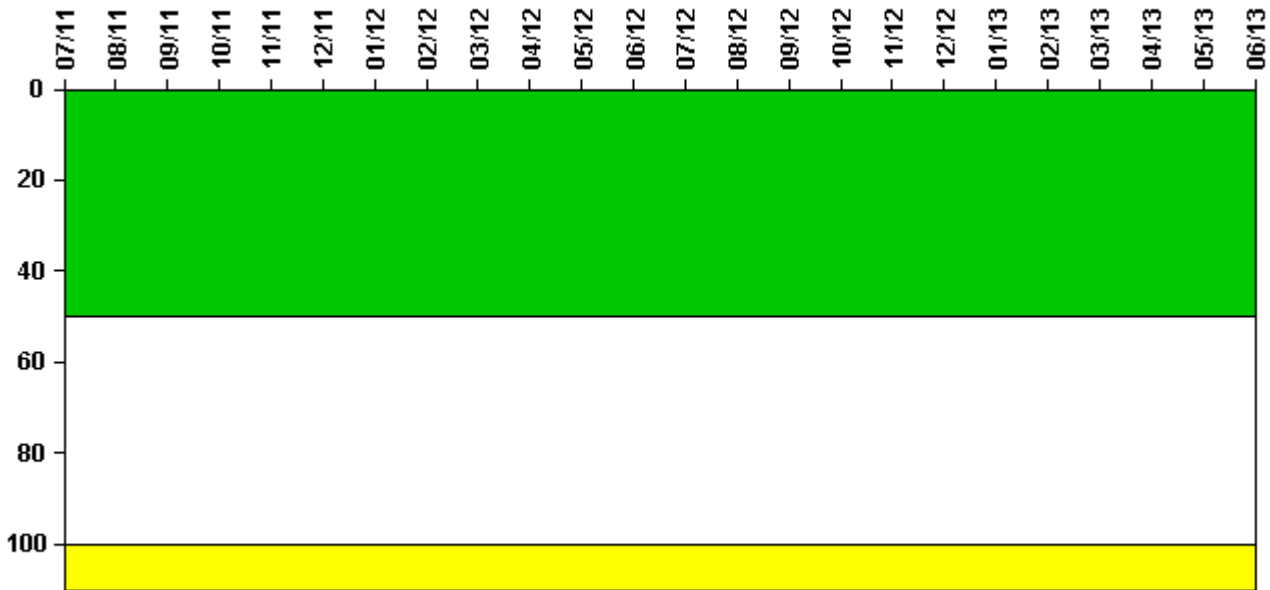
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 |
|---------------------------------|------|------|------|-------|-------|-------|------|------|------|------|------|------|
| Maximum activity | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 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 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Reactor Coolant System Activity | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 | 1/13 | 2/13 | 3/13 | 4/13 | 5/13 | 6/13 |
| Maximum activity | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | | |
| Technical specification limit | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | | | |
| Indicator value | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | | |

Licensee Comments: none

Reactor Coolant System Leakage



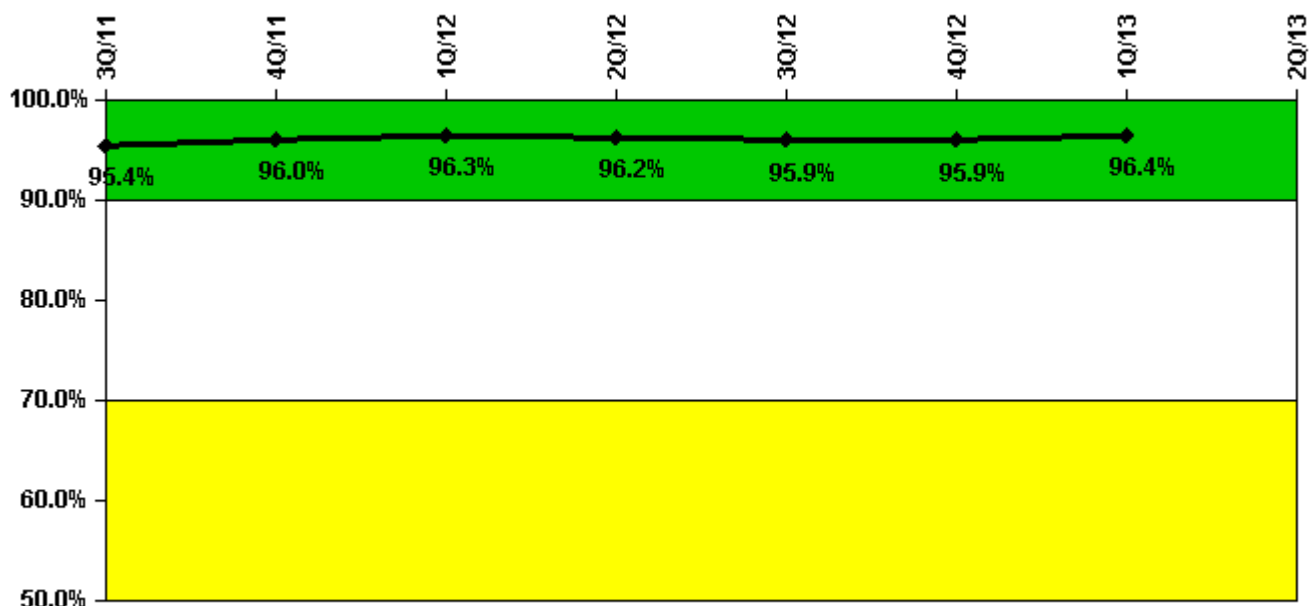
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 |
|--------------------------------|------|------|------|-------|-------|-------|------|------|------|------|------|------|
| Maximum leakage | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 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 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Reactor Coolant System Leakage | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 | 1/13 | 2/13 | 3/13 | 4/13 | 5/13 | 6/13 |
| Maximum leakage | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | | |
| Technical specification limit | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | | | |
| Indicator value | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | | | |

Licensee Comments: none

Drill/Exercise Performance



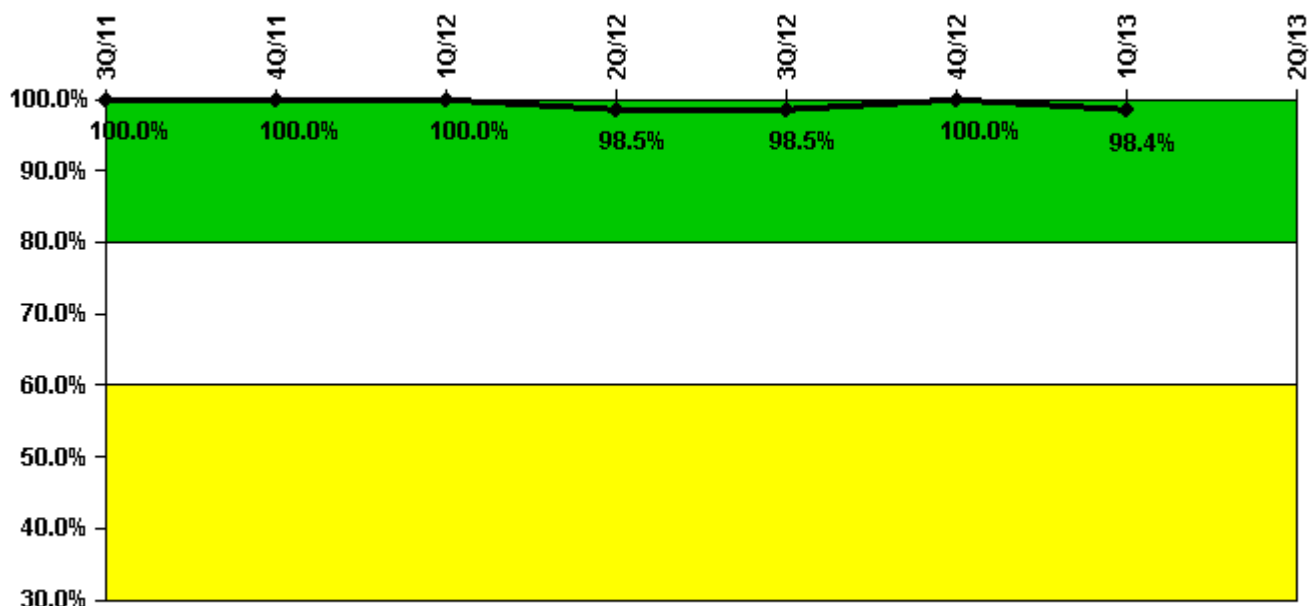
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 24.0 | 30.0 | 29.0 | 39.0 | 20.0 | 28.0 | 6.0 | |
| Total opportunities | 24.0 | 30.0 | 30.0 | 41.0 | 21.0 | 30.0 | 6.0 | |
| Indicator value | 95.4% | 96.0% | 96.3% | 96.2% | 95.9% | 95.9% | 96.4% | |

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

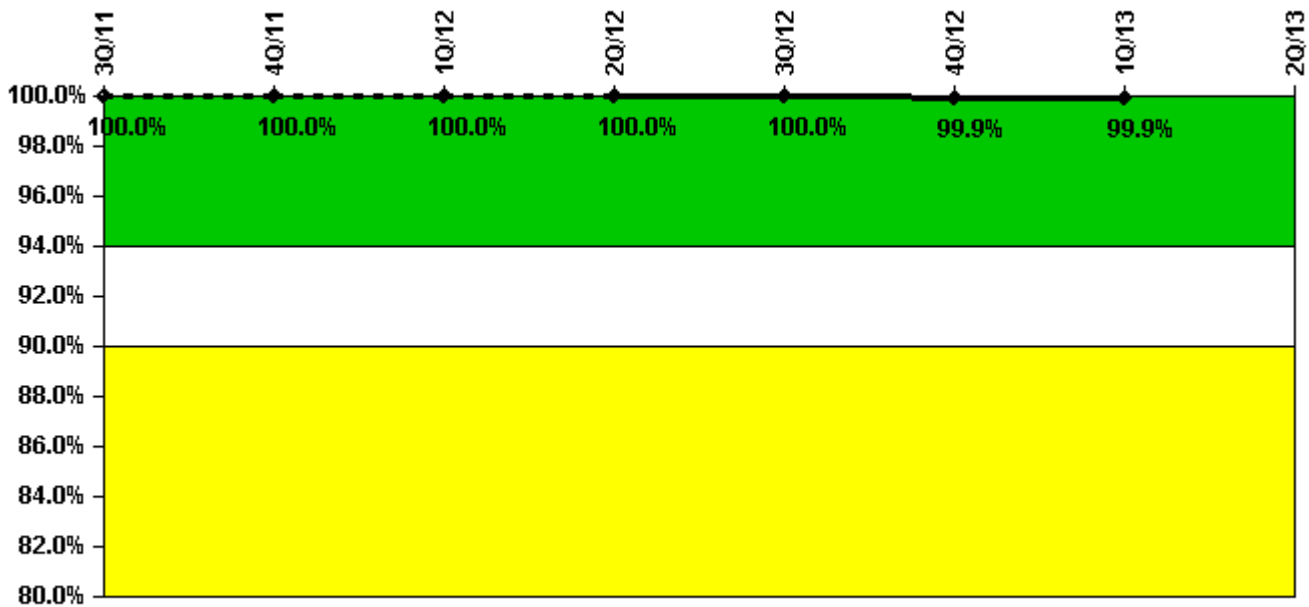
| ERO Drill Participation | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|-----------------------------|---------------|---------------|---------------|--------------|--------------|---------------|--------------|-------|
| Participating Key personnel | 69.0 | 70.0 | 68.0 | 67.0 | 67.0 | 67.0 | 61.0 | |
| Total Key personnel | 69.0 | 70.0 | 68.0 | 68.0 | 68.0 | 67.0 | 62.0 | |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 98.5% | 98.5% | 100.0% | 98.4% | |

Licensee Comments:

3Q/12: Due to an administrative error, the 3Q2012 ERO Drill Participation should have been 67 out of 68 instead of 68 out of 68. This change does not affect the color of the performance indicator.

2Q/12: Due to an administrative error, the 2Q2012 ERO Drill Participation should have been 67 out of 68 instead of 68 out of 68. This change does not affect the color of the performance indicator.

Alert & Notification System



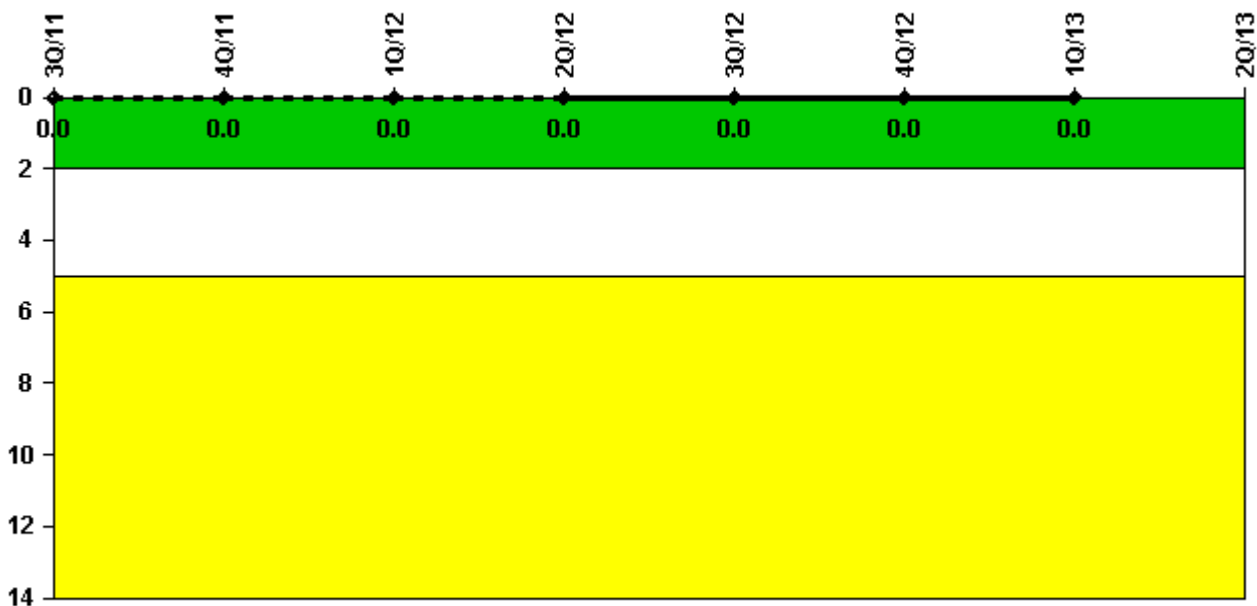
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|-----------------------------|--------|--------|--------|--------|--------|-------|-------|-------|
| Successful siren-tests | 1080 | 1028 | 1040 | 1040 | 1026 | 1039 | 1040 | |
| Total sirens-tests | 1080 | 1028 | 1040 | 1040 | 1028 | 1040 | 1040 | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 99.9% | 99.9% | |

Licensee Comments: none

Occupational Exposure Control Effectiveness



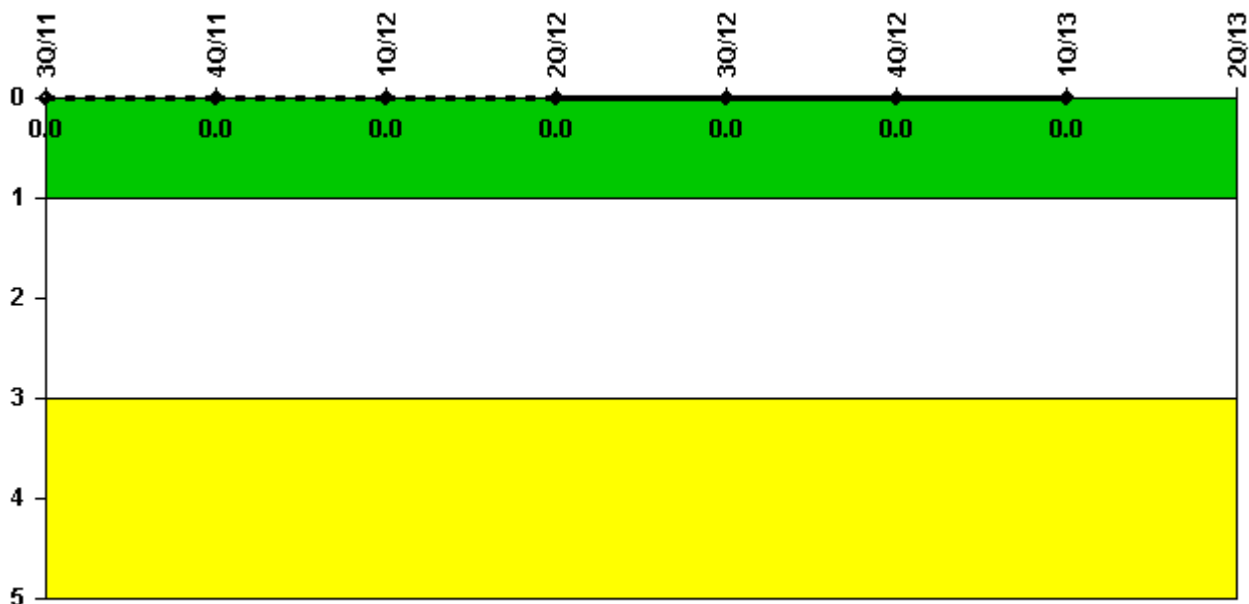
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|---|----------|----------|----------|----------|----------|----------|----------|-------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Very high radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Unintended exposure occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Indicator value | 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 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 23, 2014