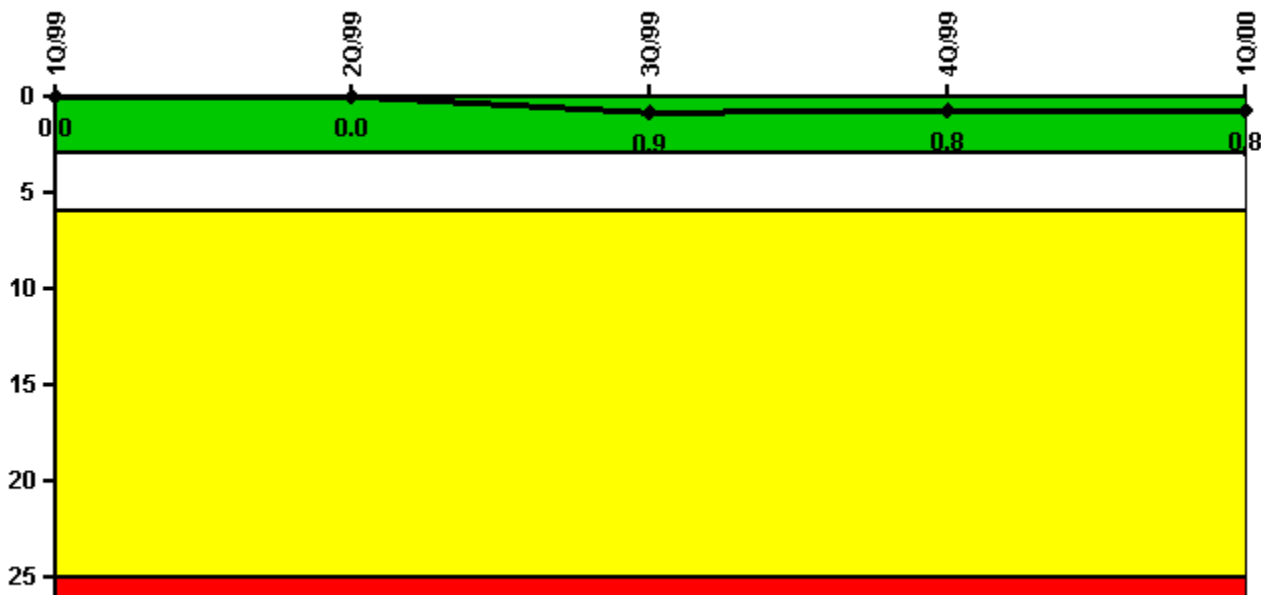


Peach Bottom 2

1Q/2000 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/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|--|----------|----------|------------|------------|------------|
| Unplanned scrams | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2160.0 | 2183.0 | 2203.1 | 2117.9 | 2184.0 |
| | | | | | |
| Indicator value | 0 | 0 | 0.9 | 0.8 | 0.8 |

Licensee Comments:

1Q/00: IAW NEI 99-02 rev. 0

Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

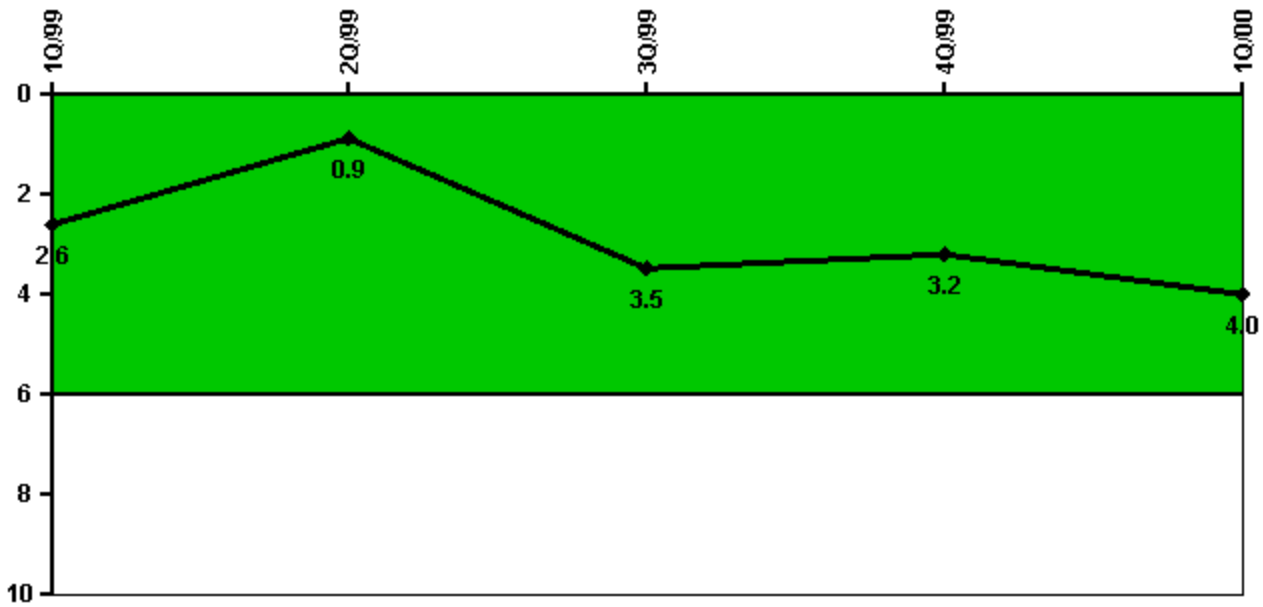
Notes

| Scrams with Loss of Normal Heat Removal | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments:

1Q/00: IAW NEI 99-02 rev. 0

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

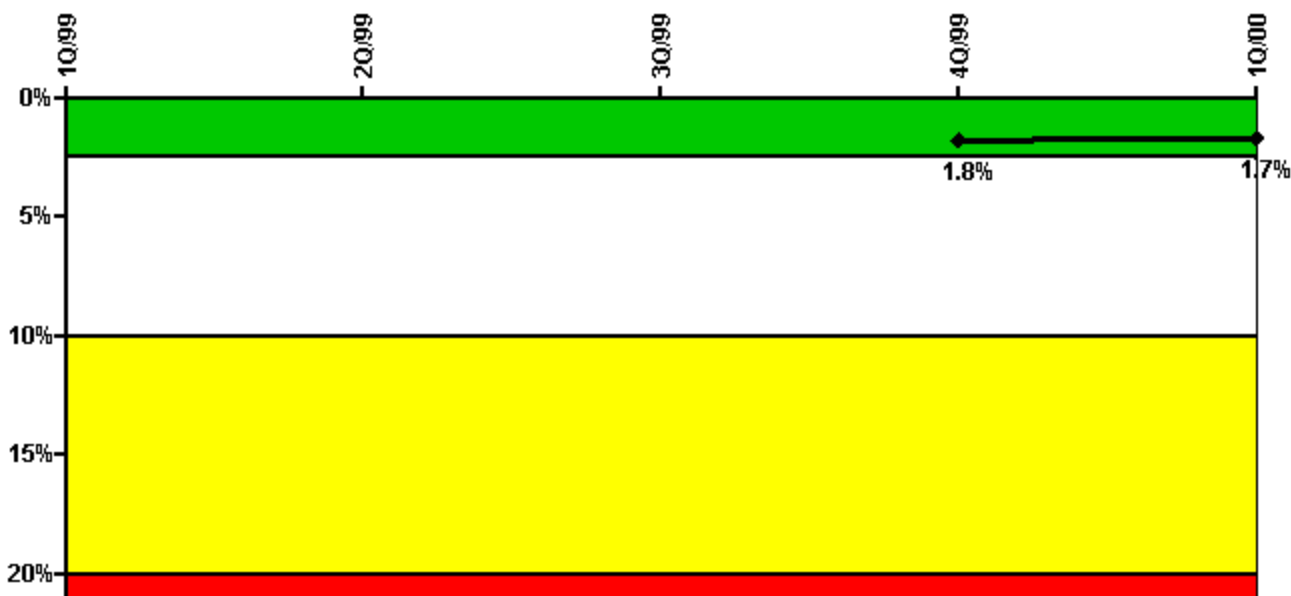
Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 1.0 | 3.0 | 0 | 1.0 |
| Critical hours | 2160.0 | 2183.0 | 2203.1 | 2117.9 | 2184.0 |
| | | | | | |
| Indicator value | 2.6 | 0.9 | 3.5 | 3.2 | 4.0 |

Licensee Comments:

1Q/00: IAW NEI 99-02 rev. 0

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|---------|---------|---------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 0 | 121.50 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 2206.38 | 2184.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 34.75 | 30.50 | 1.00 | 66.75 | 0 |
| Unplanned unavailable hours | 0 | 0 | 16.25 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 2206.38 | 2184.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 295.50 | 4.75 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 1.00 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 2206.38 | 2184.00 |
| Train 4 | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 54.75 | 0 |
| Unplanned unavailable hours | 25.25 | 0 | 10.00 | 0 | 5.50 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 2206.38 | 2184.00 |
| | | | | | |
| Indicator value | | | | 1.8% | 1.7% |

Licensee Comments:

1Q/00: IAW NEI 99-02 Rev D, all unavailability hours (on-line planned overhaul and unplanned maintenance) are included.

1Q/00: IAW NEI 99-02, Rev 0, only unplanned/unscheduled unavailability hours submitted. Scheduled/planned overhaul hours omitted.

1Q/00: IAW NEI 99-02 Rev D, all unavailability hours submitted, including scheduled/planned overhaul unavailability hours.

Safety System Unavailability, High Pressure Injection System (HPCI)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|---------|---------|---------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 4.80 | 3.80 | 4.20 | 30.00 | 92.05 |
| Unplanned unavailable hours | 93.40 | 0 | 0 | 4.50 | 3.30 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2203.10 | 2117.90 | 2184.00 |
| | | | | | |
| Indicator value | | | | 1.2% | 1.6% |

Licensee Comments:

1Q/00: Data entered in accordance with NEI 99-02 Rev. D

Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|--|---------|---------|---------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 58.80 | 4.40 | 5.00 | 6.70 | 2.70 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2203.10 | 2117.90 | 2184.00 |
| | | | | | |
| Indicator value | | | | 0.8% | 0.7% |

Licensee Comments:

1Q/00: Data entered in accordance with NEI 99-02 Rev. D

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

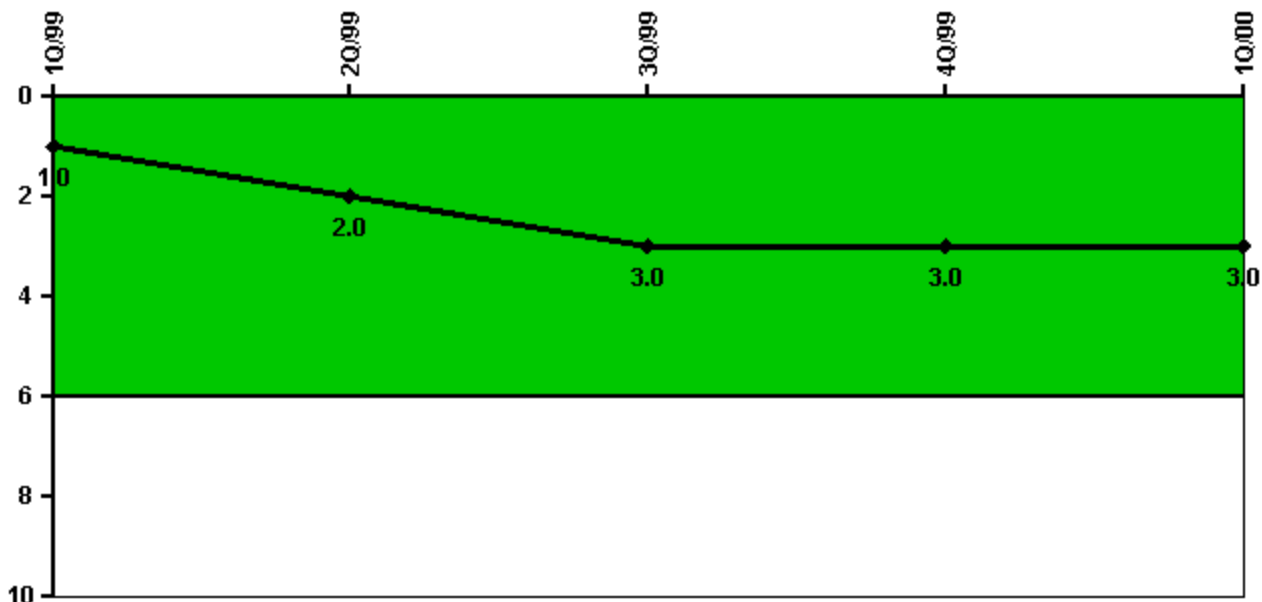
| Safety System Unavailability, Residual Heat Removal System | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|--|---------|---------|---------|---------|---------|
| Train 1 | | | | | |
| Planned unavailable hours | 44.30 | 0 | 0 | 0 | 13.13 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 109.75 | 0 | 0 | 0 | 0.72 |
| Unplanned unavailable hours | 0 | 0 | 0 | 4.50 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 |
| | | | | | |
| Indicator value | | | | 1.4% | 1.3% |

Licensee Comments:

1Q/00: * Change reflected in Comment section only.

1Q/00: IAW REV D GUIDELINES

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

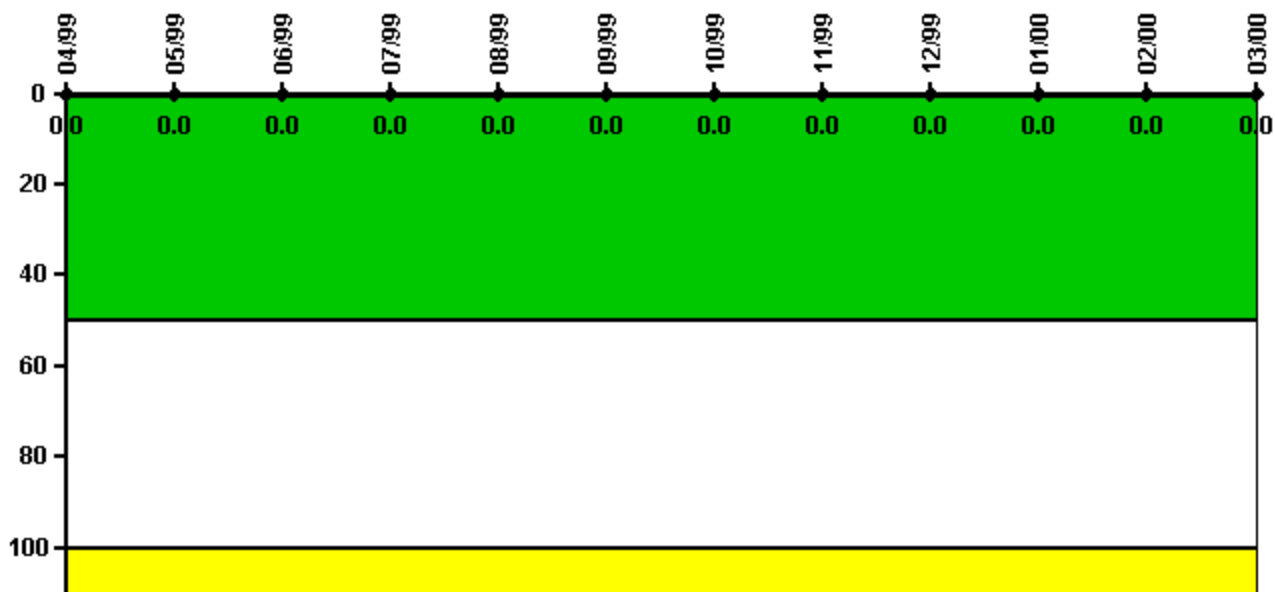
| Safety System Functional Failures (BWR) | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 1 | 1 | 1 | 0 | 1 |
| Indicator value | 1 | 2 | 3 | 3 | 3 |

Licensee Comments:

1Q/00: Rev 0 LER 2-99-006 was submitted on 01/01/00. This was an historical LER which reported a SSFF which occurred during an LSFT in 1997. It was not included in the original submittal of data because PBAPS used the event date vice the LER report data. This SSFF has been added to the first quarter of 2000 based on the report date of 01/01/00. This is common to both Unit 2 and 3.

1Q/00: Rev 0

Reactor Coolant System Activity



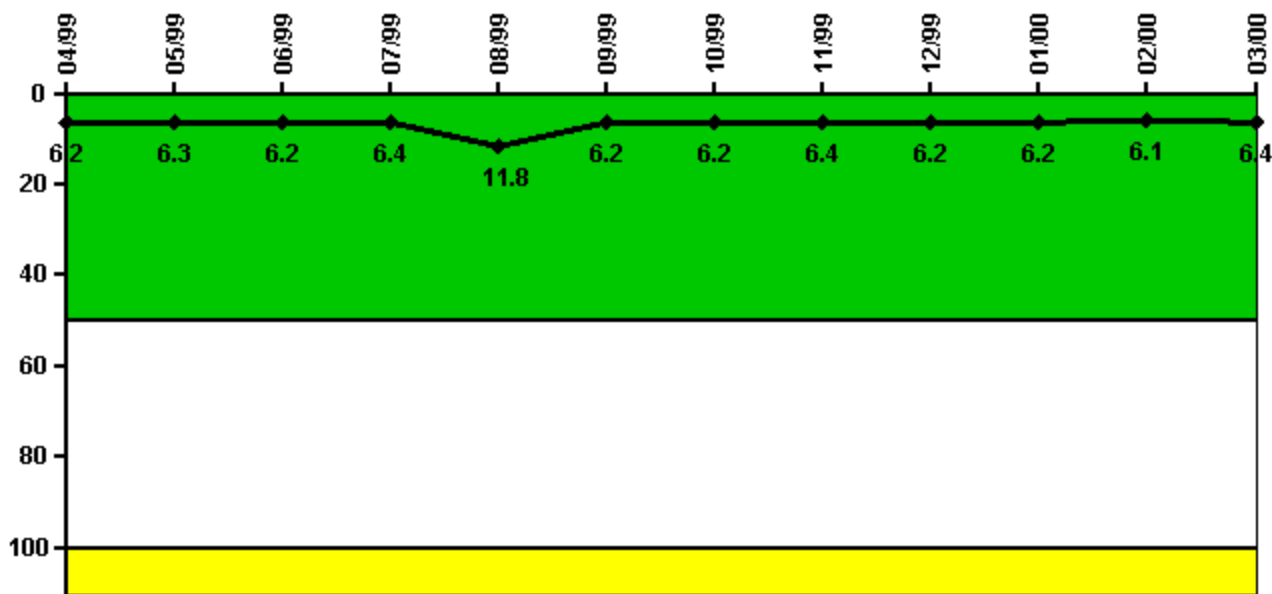
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 4/99 | 5/99 | 6/99 | 7/99 | 8/99 | 9/99 | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000004 | 0.000008 | 0.000008 | 0.000006 | 0.000007 | 0.000009 | 0.000082 | 0.000004 | 0.000002 | 0.000010 | 0.000002 | 0.000006 |
| 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

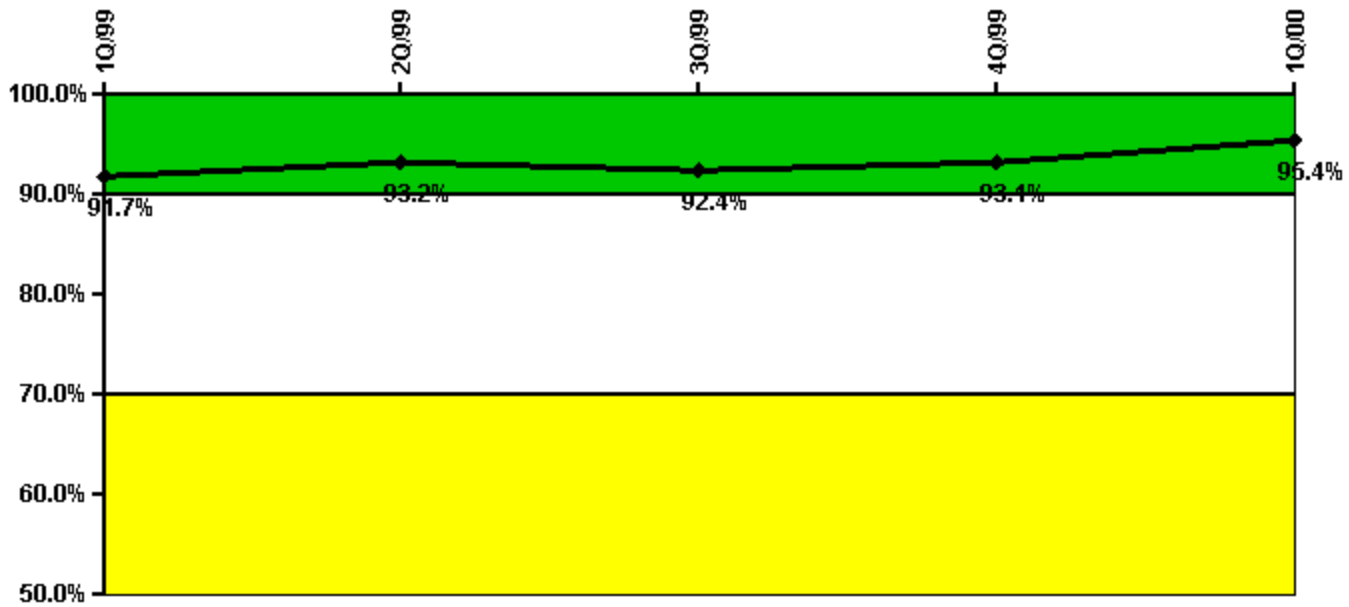
Notes

| Reactor Coolant System Leakage | 4/99 | 5/99 | 6/99 | 7/99 | 8/99 | 9/99 | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.540 | 1.570 | 1.560 | 1.590 | 2.960 | 1.540 | 1.560 | 1.590 | 1.540 | 1.540 | 1.530 | 1.590 |
| 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 | 6.2 | 6.3 | 6.2 | 6.4 | 11.8 | 6.2 | 6.2 | 6.4 | 6.2 | 6.2 | 6.1 | 6.4 |

Licensee Comments:

3/00: Data entered conforms with NEI 99-02, Draft Rev. D guidance.

Drill/Exercise Performance



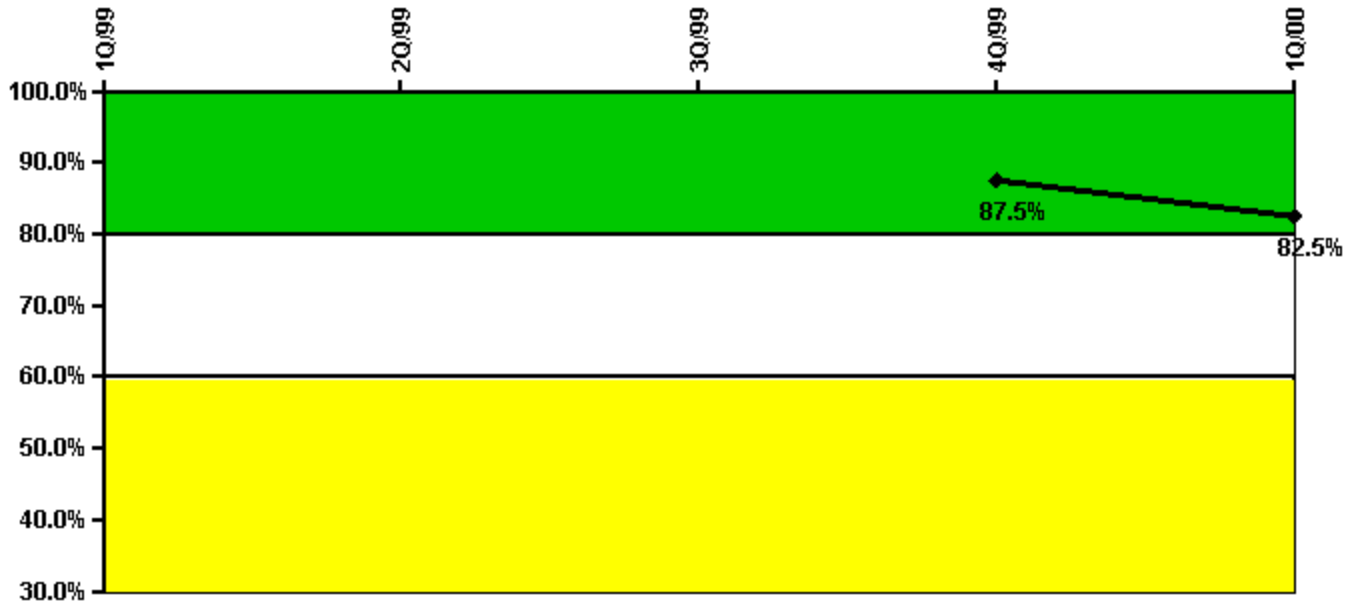
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|----------------------------|-------|-------|-------|-------|-------|
| Successful opportunities | 0 | 31.0 | 0 | 6.0 | 0 |
| Total opportunities | 0 | 32.0 | 0 | 6.0 | 0 |
| | | | | | |
| Indicator value | 91.7% | 93.2% | 92.4% | 93.1% | 95.4% |

Licensee Comments: none

ERO Drill Participation



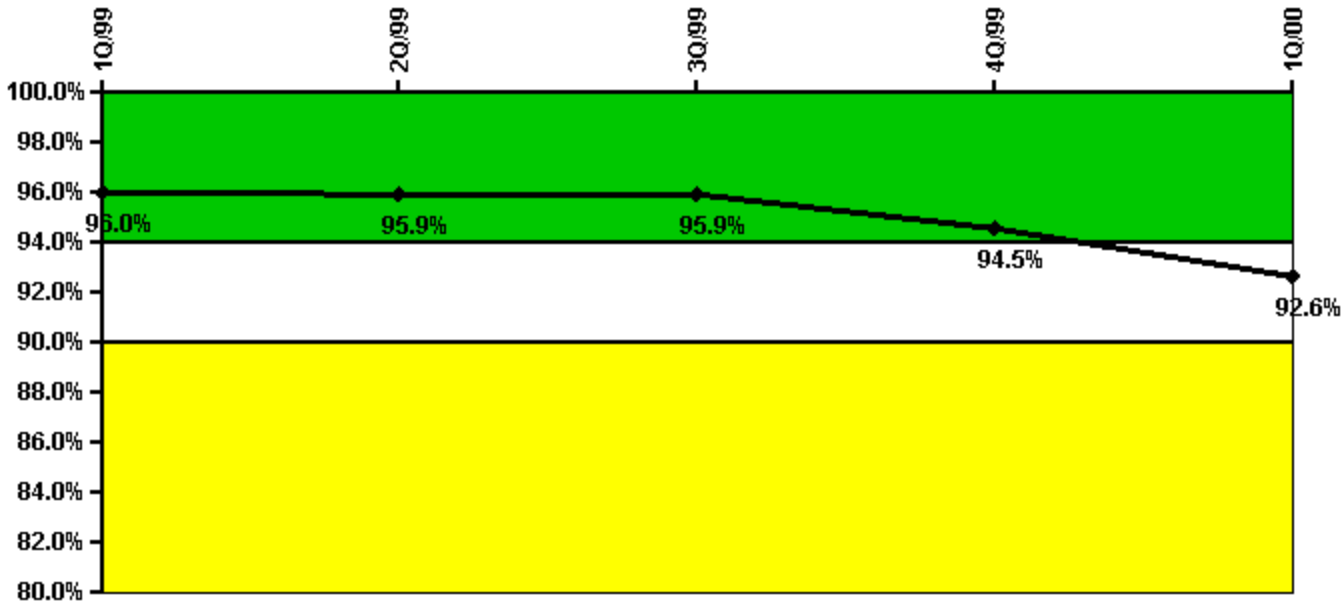
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Participating Key personnel | 0 | | | 56.0 | 52.0 |
| Total Key personnel | 0 | | | 64.0 | 63.0 |
| | | | | | |
| Indicator value | | | | 87.5% | 82.5% |

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests | 281 | 282 | 277 | 260 | 259 |
| Total sirens-tests | 291 | 291 | 291 | 291 | 291 |
| Indicator value | 96.0% | 95.9% | 95.9% | 94.5% | 92.6% |

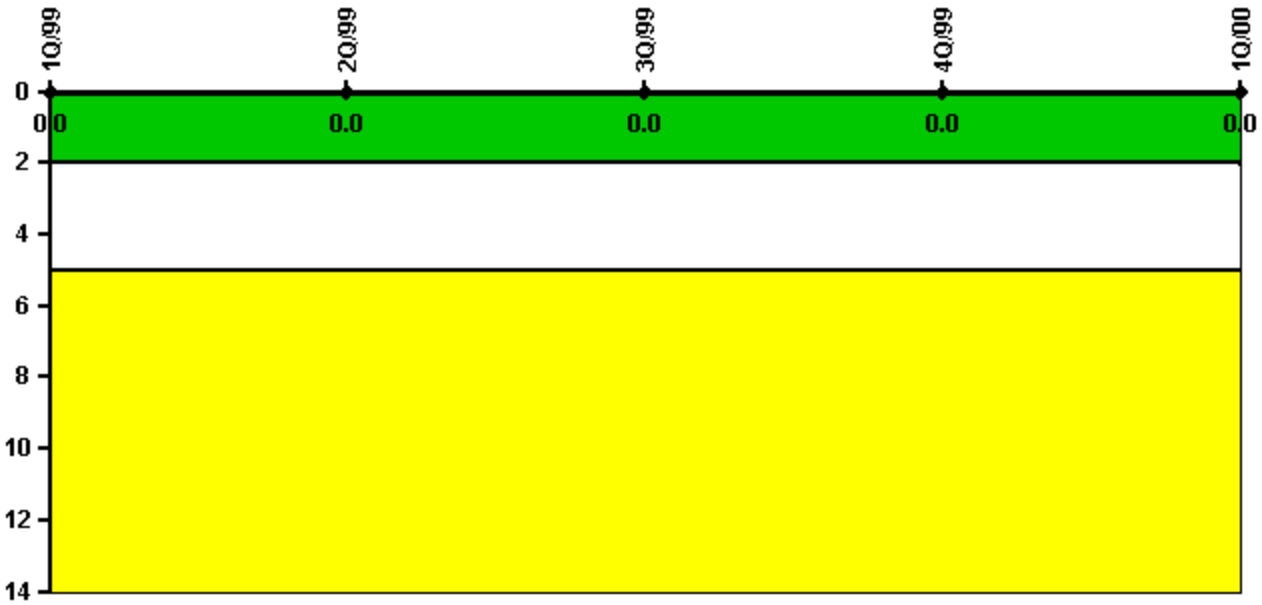
Licensee Comments:

1Q/00: Peach Bottom siren performance has changed from GREEN to WHITE due to inadequate maintenance practices which resulted in degraded siren performance. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored. This performance indicator is expected to return to GREEN status by the end of 4Q00.

4Q/99: Peach Bottom siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

4Q/99: Common Data for Units 2 & 3.

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

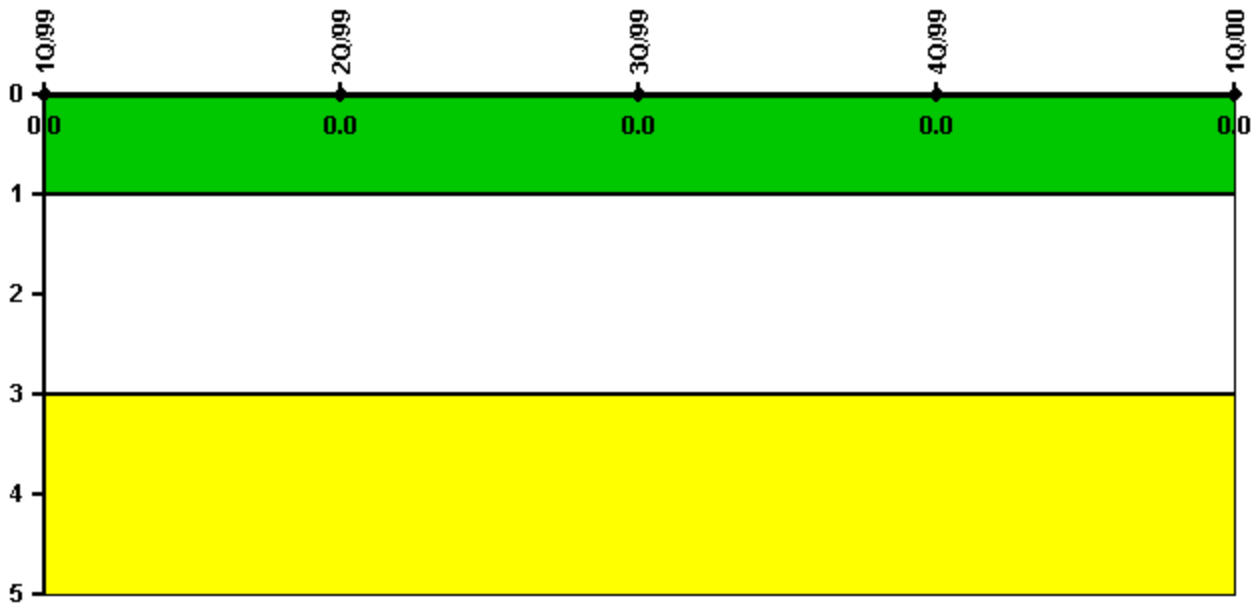
Notes

| Occupational Exposure Control Effectiveness | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 |
| Very high radiation area occurrences | 0 | 0 | 0 | 0 | 0 |
| Unintended exposure occurrences | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments:

1Q/00: NEI 99-02 Rev.0 use to determine PI data.

RETS/ODCM Radiological Effluent



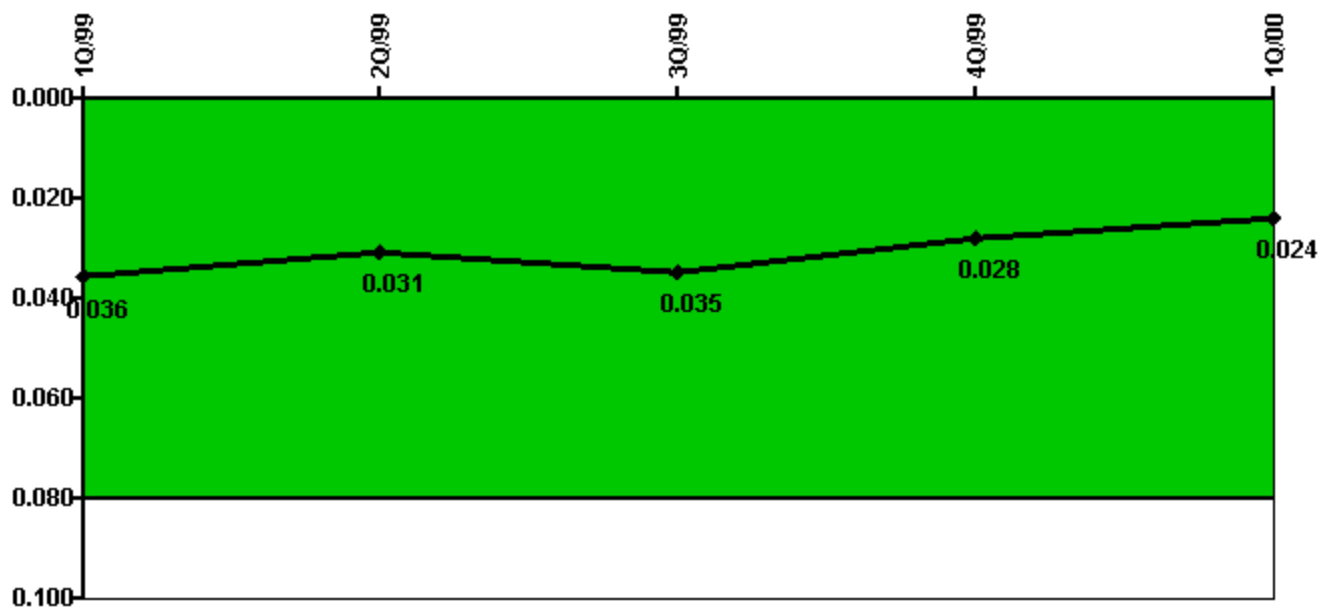
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---------------------------------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



Thresholds: White > 0.080

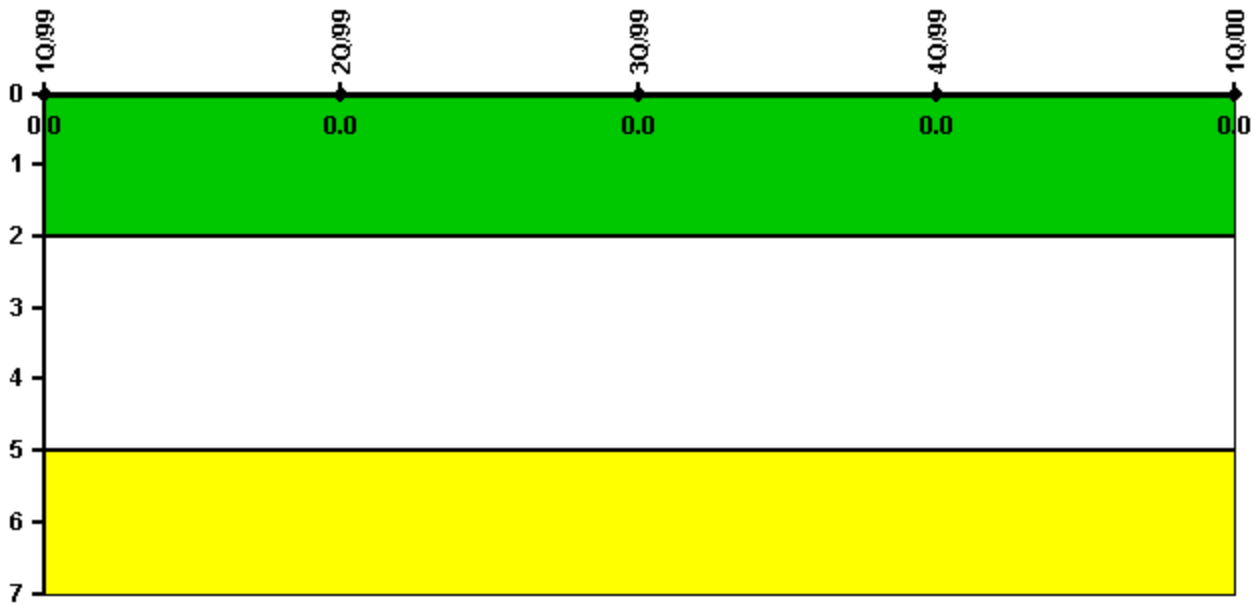
Notes

| Protected Area Security Performance Index | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 389.50 | 120.70 | 189.10 | 130.90 | 167.60 |
| CCTV compensatory hours | 0 | 0 | 54.1 | 2.6 | 58.0 |
| IDS normalization factor | 1.80 | 1.80 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | |
| Index Value | 0.036 | 0.031 | 0.035 | 0.028 | 0.024 |

Licensee Comments:

1Q/00: NEI 99-02, Revision 0

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

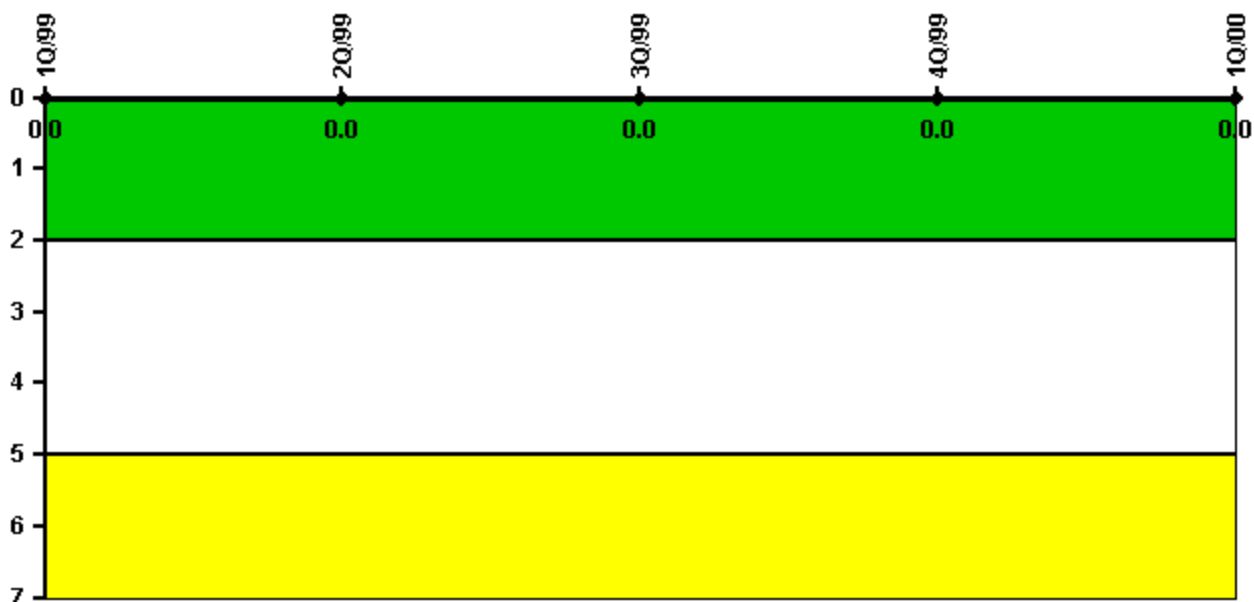
Notes

| Personnel Screening Program | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Program failures | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments:

1Q/00: NEI 99-02, Revision 0

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 1Q/99 | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 |
|---------------------------|-------|-------|-------|-------|-------|
| Program Failures | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments:

1Q/00: NEI 99-02, Revision 0

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

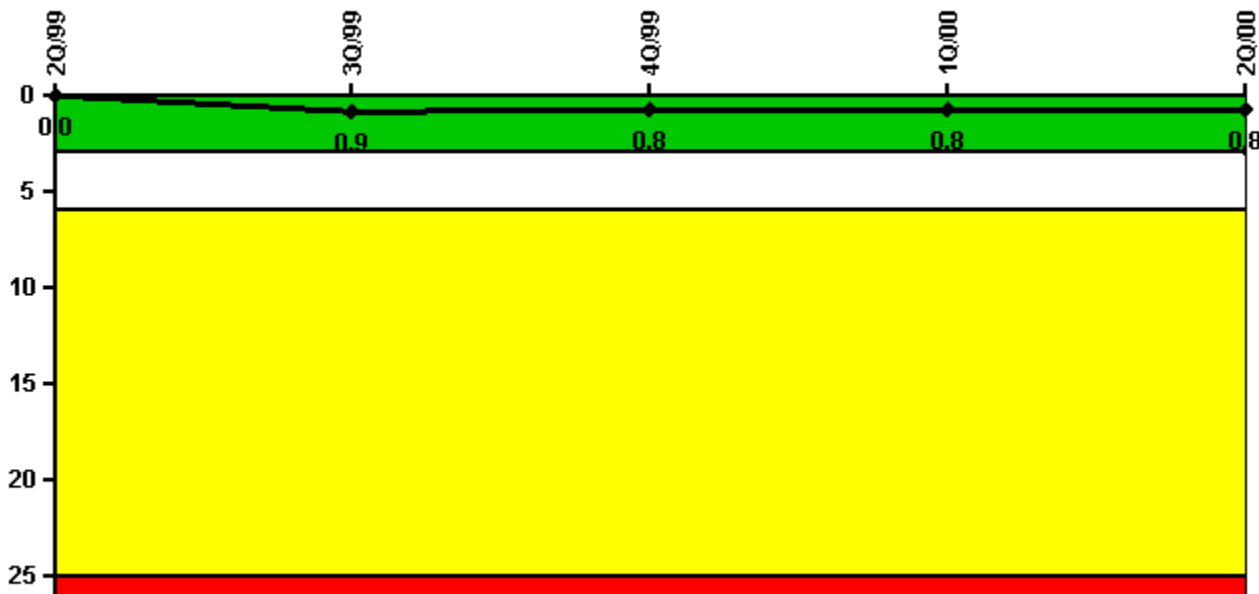
Last Modified: April 1, 2002

Peach Bottom 2

2Q/2000 Performance Indicators

Licensee's General Comments: Data changes for PIs are for 1st quarter. One PI, the Safety System Functional Failure PI actually changed input data. See PI comments for that individual PI. All other changes only made clarifications to existng comments. No color changes resulted from these changes.

Unplanned Scrams per 7000 Critical Hrs



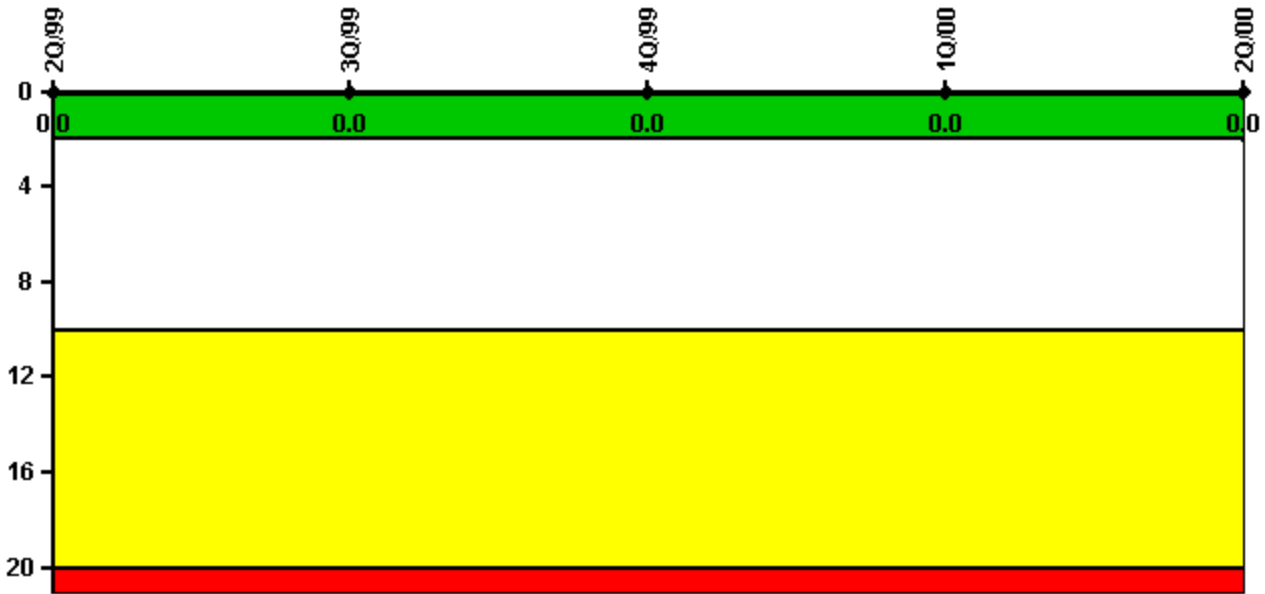
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|--|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2183.0 | 2203.1 | 2117.9 | 2184.0 | 2147.8 |
| | | | | | |
| Indicator value | 0 | 0.9 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



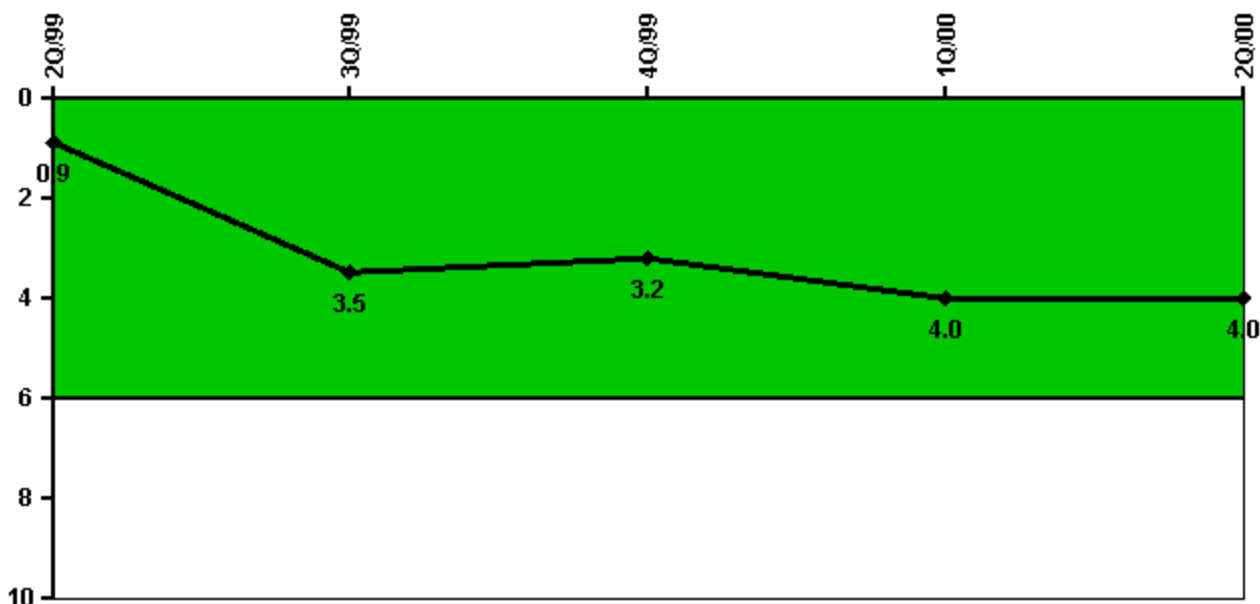
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



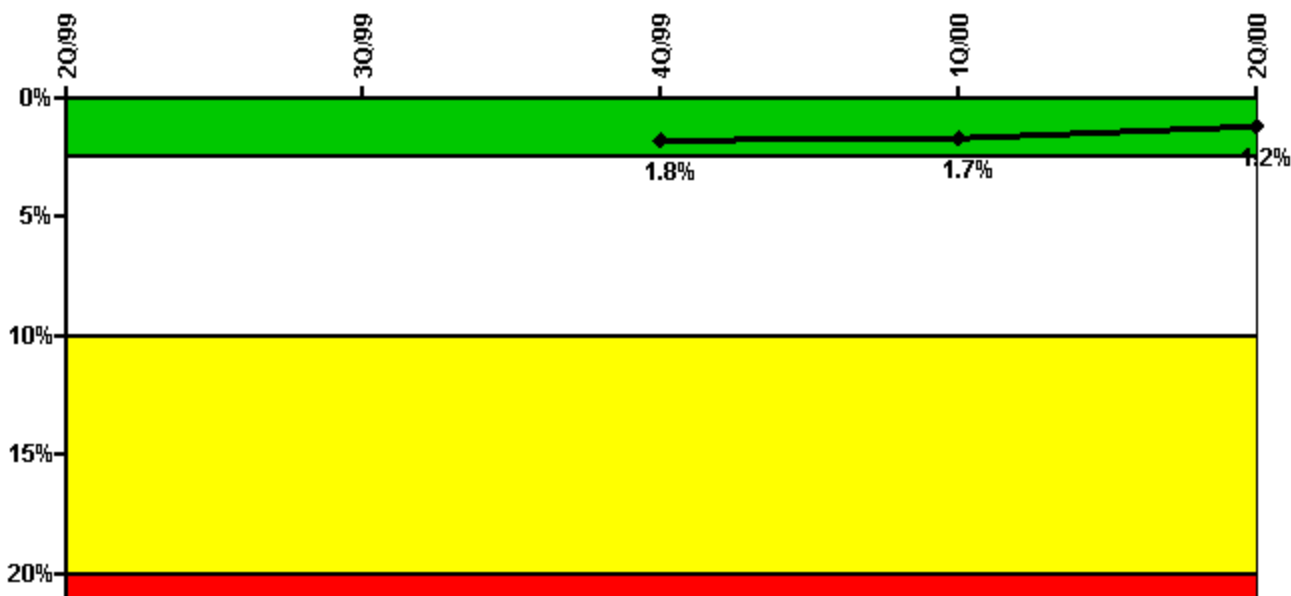
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|------------|------------|------------|------------|------------|
| Unplanned power changes | 1.0 | 3.0 | 0 | 1.0 | 1.0 |
| Critical hours | 2183.0 | 2203.1 | 2117.9 | 2184.0 | 2147.8 |
| | | | | | |
| Indicator value | 0.9 | 3.5 | 3.2 | 4.0 | 4.0 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|---------|---------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 121.50 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2206.38 | 2184.00 | 2183.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 30.50 | 1.00 | 66.75 | 0 | 0 |
| Unplanned unavailable hours | 0 | 16.25 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2206.38 | 2184.00 | 2183.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 4.75 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 1.00 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2206.38 | 2184.00 | 2183.00 |
| Train 4 | | | | | |
| Planned unavailable hours | 0 | 0 | 54.75 | 0 | 0 |
| Unplanned unavailable hours | 0 | 10.00 | 0 | 5.50 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2206.38 | 2184.00 | 2183.00 |
| | | | | | |
| Indicator value | | | 1.8% | 1.7% | 1.2% |

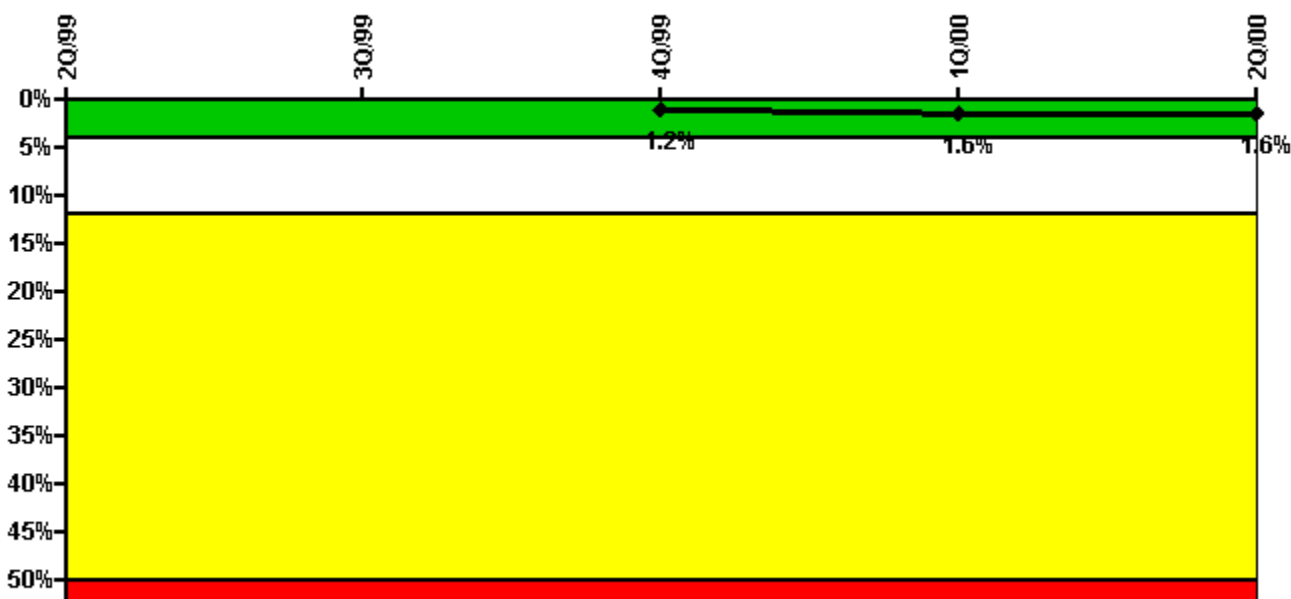
Licensee Comments:

2Q/00: IAW NEI 99-02, Rev 0, only unplanned/unscheduled unavailability hours submitted. Scheduled/planned overhaul hours omitted. Advanced clocks 1 (one) hour in April to conform with daylight savings time (EST to EDT). "Hours train required...service" decreased by 1 (one) hour.

1Q/00: IAW NEI 99-02, Rev 0, only unplanned/unscheduled unavailability hours submitted. Scheduled/planned overhaul hours omitted.

1Q/00: IAW NEI 99-02 Rev D, all unavailability hours submitted, including scheduled/planned overhaul unavailability hours.

Safety System Unavailability, High Pressure Injection System (HPCI)



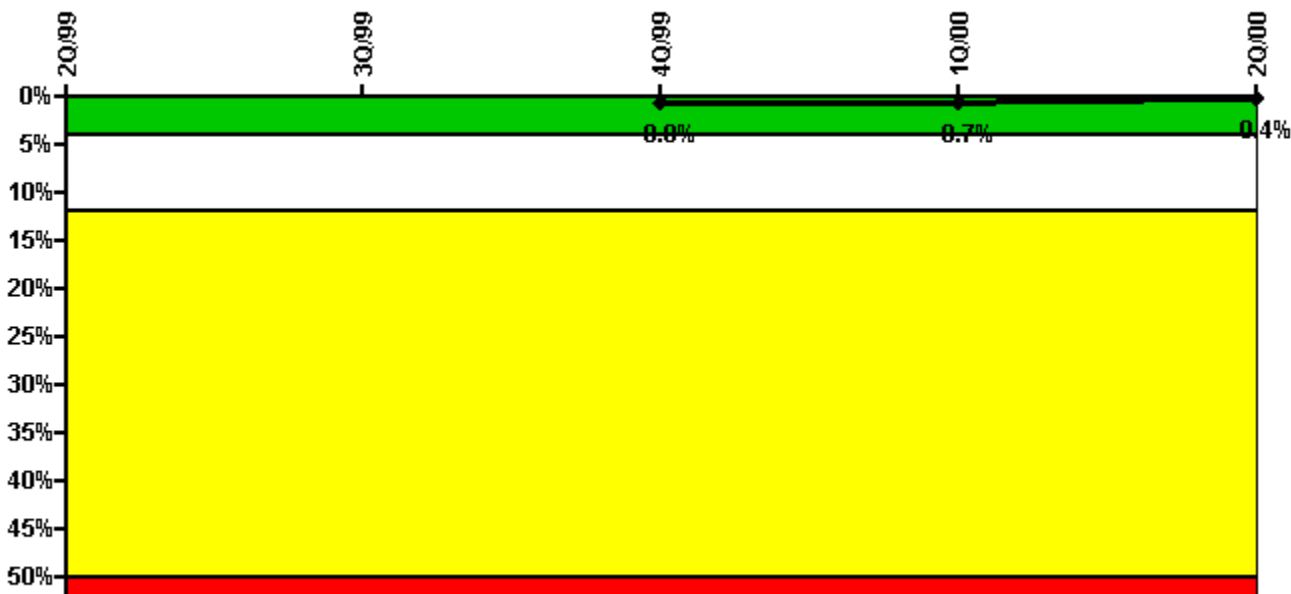
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|---------|---------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 3.80 | 4.20 | 30.00 | 92.05 | 9.75 |
| Unplanned unavailable hours | 0 | 0 | 4.50 | 3.30 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2203.10 | 2117.90 | 2184.00 | 2147.75 |
| | | | | | |
| Indicator value | | | 1.2% | 1.6% | 1.6% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



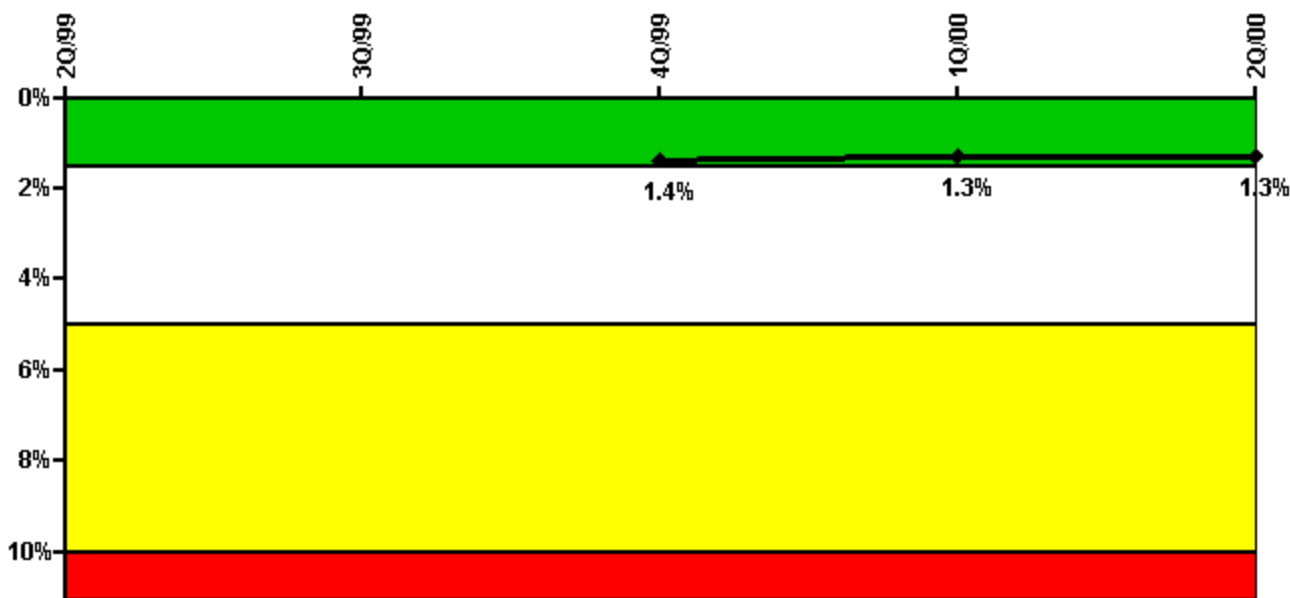
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|--|---------|---------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 4.40 | 5.00 | 6.70 | 2.70 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2203.10 | 2117.90 | 2184.00 | 2147.75 |
| | | | | | |
| Indicator value | | | 0.8% | 0.7% | 0.4% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

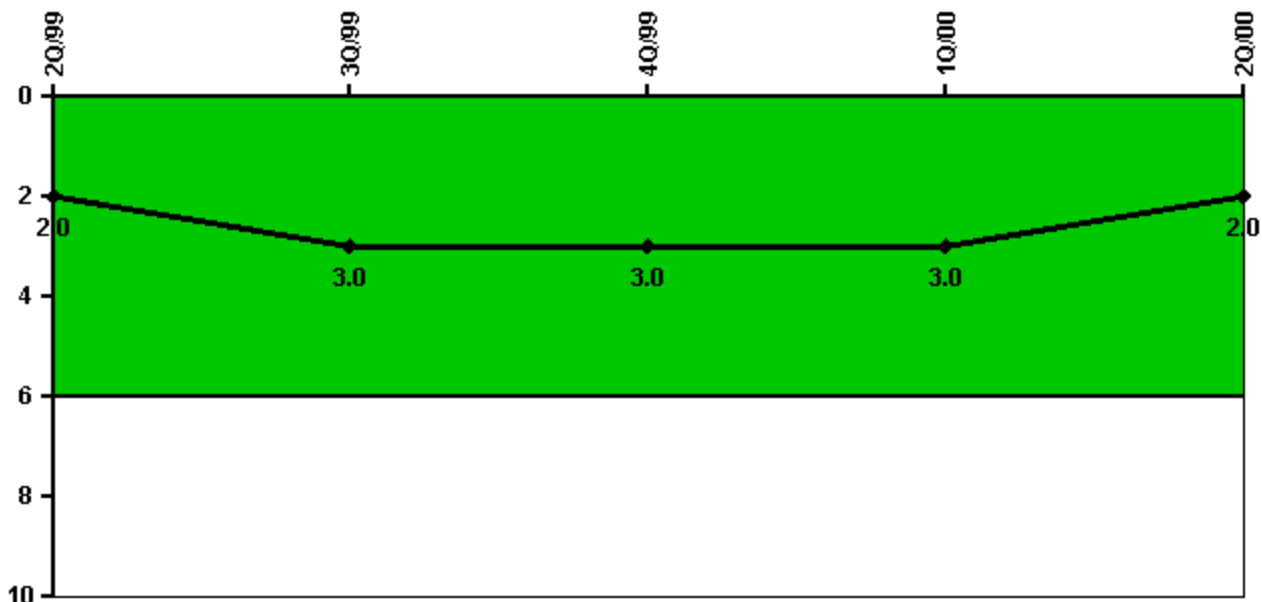
| Safety System Unavailability, Residual Heat Removal System | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|--|---------|---------|---------|---------|---------|
| Train 1 | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 13.13 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2163.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0.72 | 55.25 |
| Unplanned unavailable hours | 0 | 0 | 4.50 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| | | | | | |
| Indicator value | | | 1.4% | 1.3% | 1.3% |

Licensee Comments:

2Q/00: 5/2000: Train 1 not required for 20 hrs due to temp less than 200F.

1Q/00: * Change reflected in Comment section only.

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

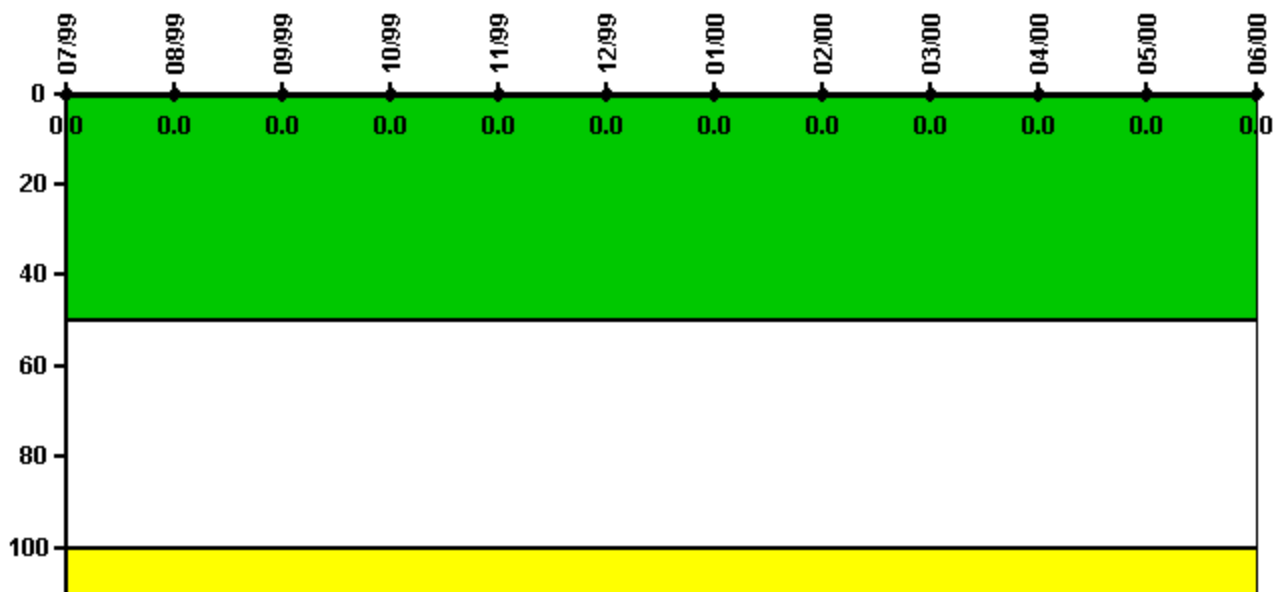
Notes

| Safety System Functional Failures (BWR) | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 1 | 1 | 0 | 1 | 0 |
| | | | | | |
| Indicator value | 2 | 3 | 3 | 3 | 2 |

Licensee Comments:

1Q/00: Rev 0 LER 2-99-006 was submitted on 01/01/00. This was an historical LER which reported a SSFF which occurred during an LSFT in 1997. It was not included in the original submittal of data because PBAPS used the event date vice the LER report data. This SSFF has been added to the first quarter of 2000 based on the report date of 01/01/00. This is common to both Unit 2 and 3.

Reactor Coolant System Activity



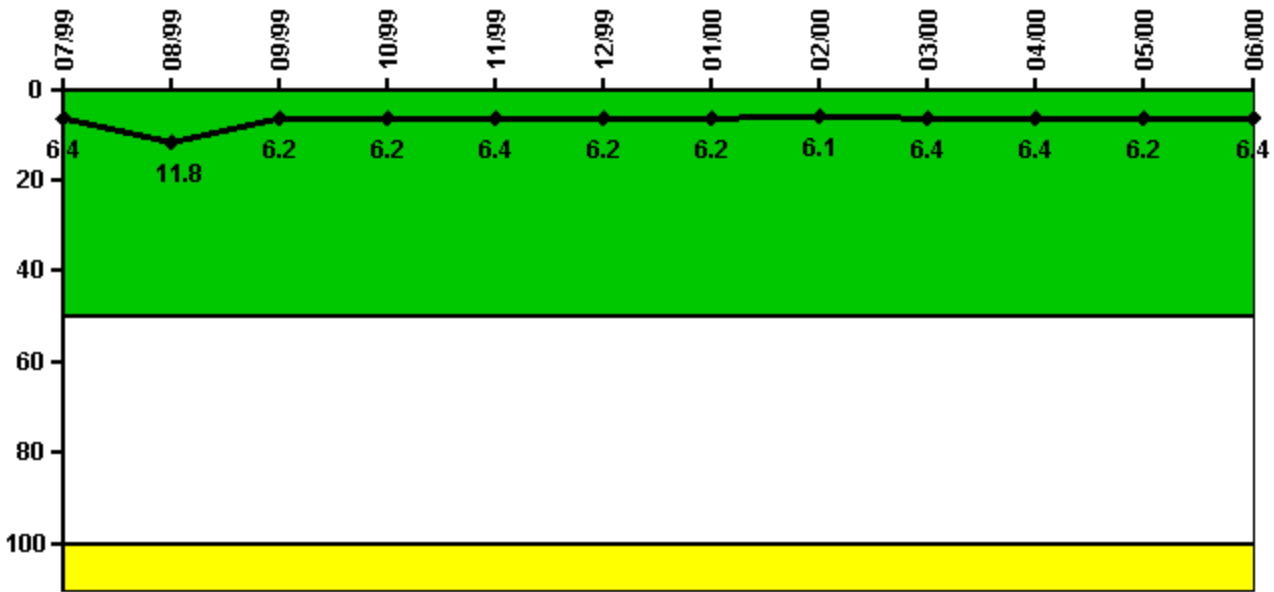
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 7/99 | 8/99 | 9/99 | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000006 | 0.000007 | 0.000009 | 0.000082 | 0.000004 | 0.000002 | 0.000010 | 0.000002 | 0.000006 | 0.000004 | 0.000008 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



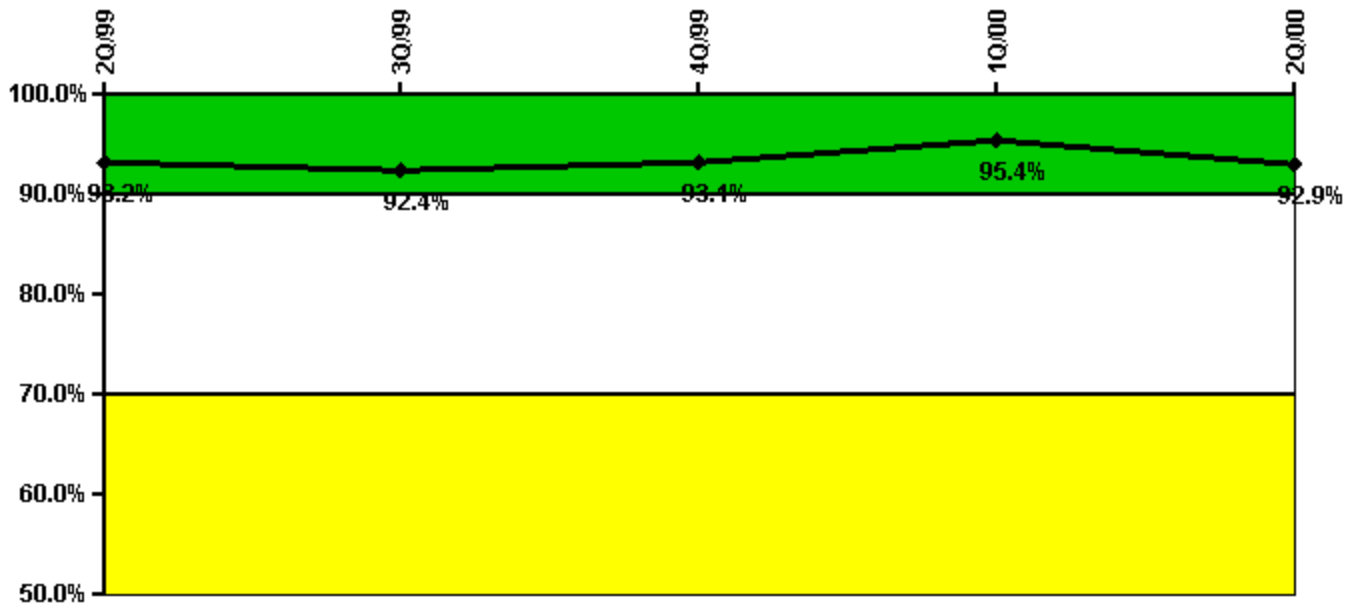
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 7/99 | 8/99 | 9/99 | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.590 | 2.960 | 1.540 | 1.560 | 1.590 | 1.540 | 1.540 | 1.530 | 1.590 | 1.590 | 1.560 | 1.590 |
| 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 | 6.4 | 11.8 | 6.2 | 6.2 | 6.4 | 6.2 | 6.2 | 6.1 | 6.4 | 6.4 | 6.2 | 6.4 |

Licensee Comments: none

Drill/Exercise Performance



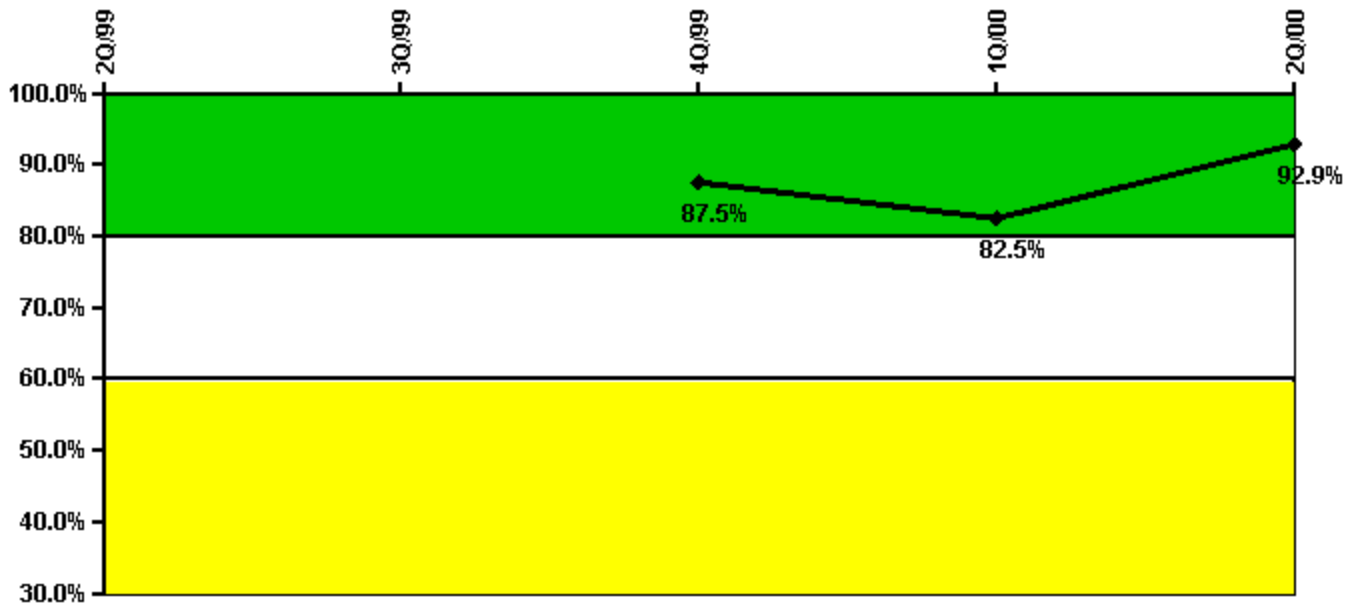
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|----------------------------|-------|-------|-------|-------|-------|
| Successful opportunities | 31.0 | 0 | 6.0 | 0 | 36.0 |
| Total opportunities | 32.0 | 0 | 6.0 | 0 | 40.0 |
| | | | | | |
| Indicator value | 93.2% | 92.4% | 93.1% | 95.4% | 92.9% |

Licensee Comments: none

ERO Drill Participation



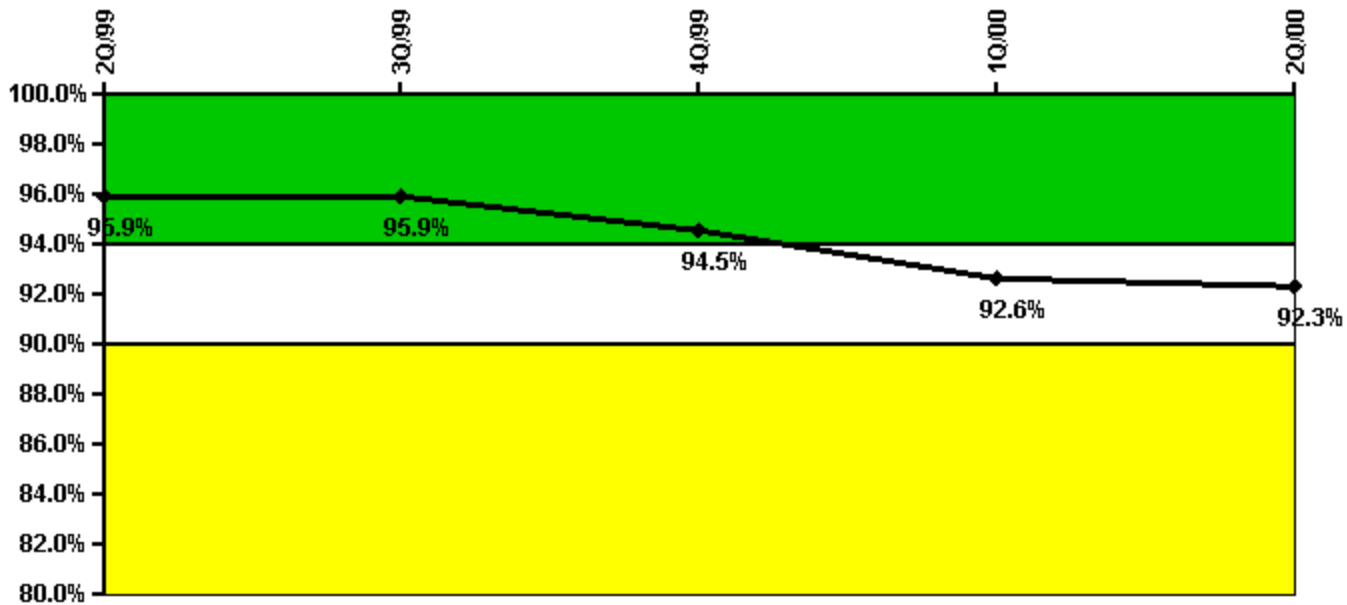
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|-----------------------------|-------|-------|--------------|--------------|--------------|
| Participating Key personnel | | | 56.0 | 52.0 | 52.0 |
| Total Key personnel | | | 64.0 | 63.0 | 56.0 |
| | | | | | |
| Indicator value | | | 87.5% | 82.5% | 92.9% |

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests | 282 | 277 | 260 | 259 | 547 |
| Total sirens-tests | 291 | 291 | 291 | 291 | 582 |
| | | | | | |
| Indicator value | 95.9% | 95.9% | 94.5% | 92.6% | 92.3% |

Licensee Comments:

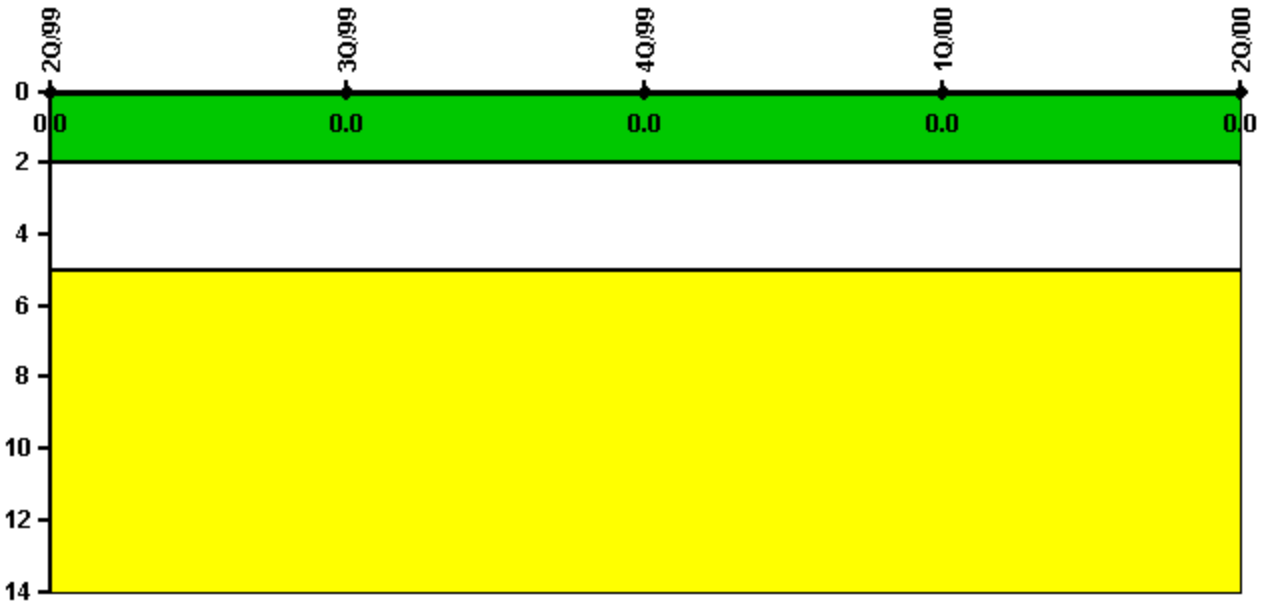
2Q/00: Peach Bottom siren performance has changed from GREEN to WHITE due to inadequate maintenance practices which resulted in degraded siren performance. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored. This performance indicator is expected to return to GREEN status by the end of 4Q00.

1Q/00: Peach Bottom siren performance has changed from GREEN to WHITE due to inadequate maintenance practices which resulted in degraded siren performance. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored. This performance indicator is expected to return to GREEN status by the end of 4Q00.

4Q/99: Peach Bottom siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

4Q/99: Common Data for Units 2 & 3.

Occupational Exposure Control Effectiveness



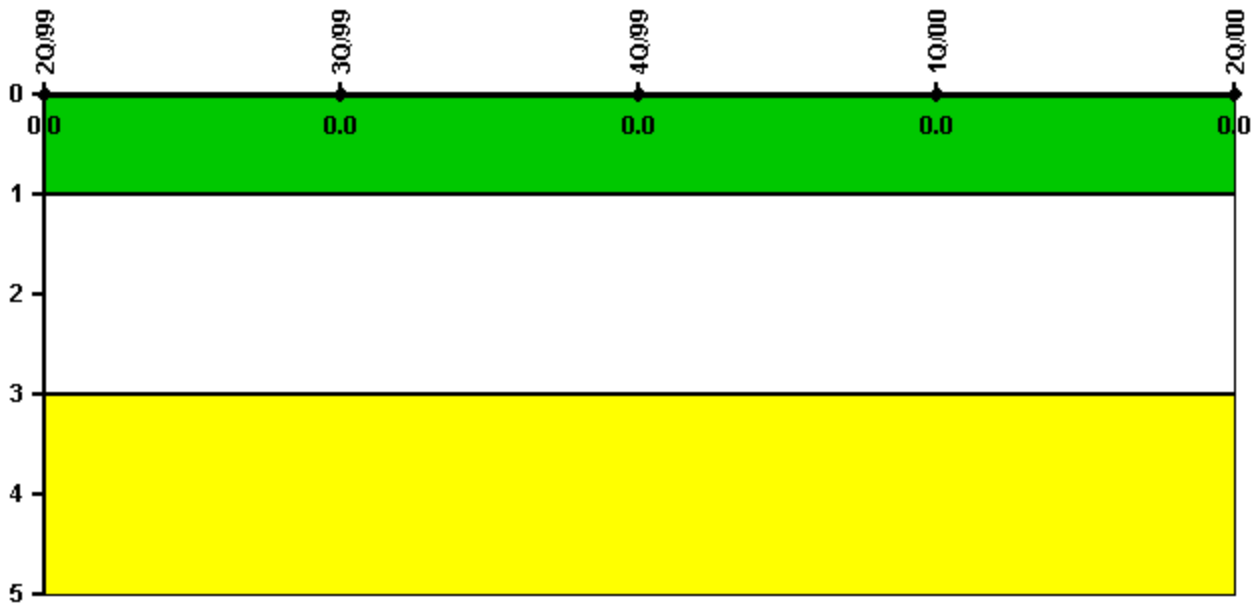
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 |
| Very high radiation area occurrences | 0 | 0 | 0 | 0 | 0 |
| Unintended exposure occurrences | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



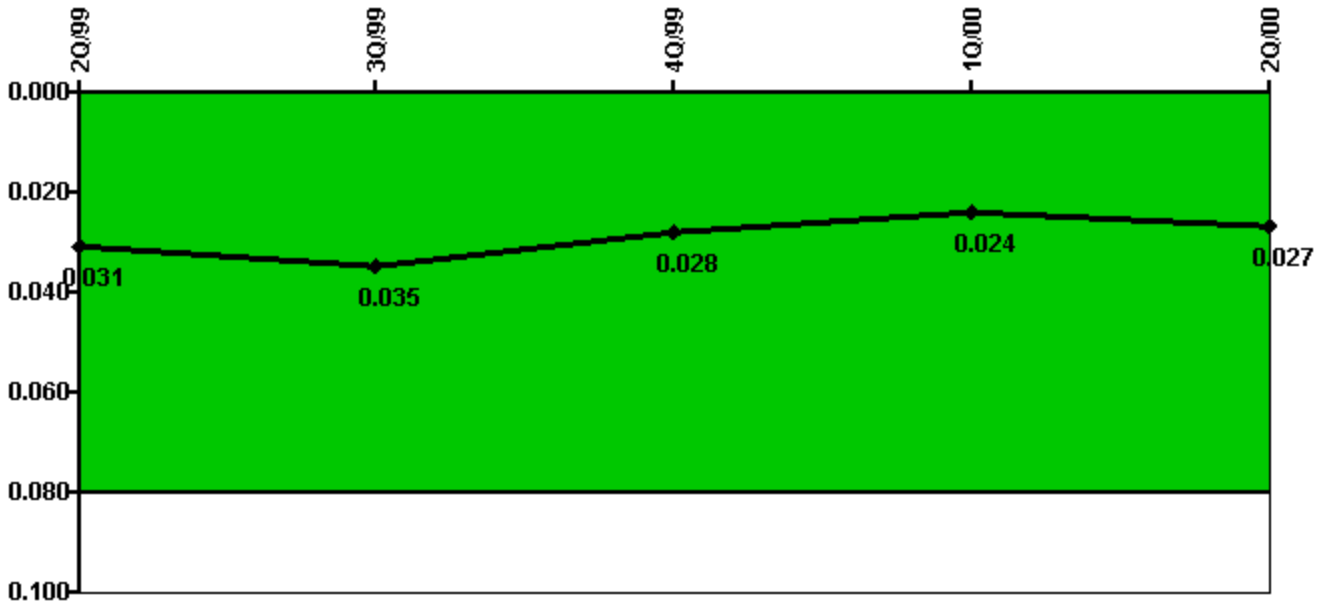
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---------------------------------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



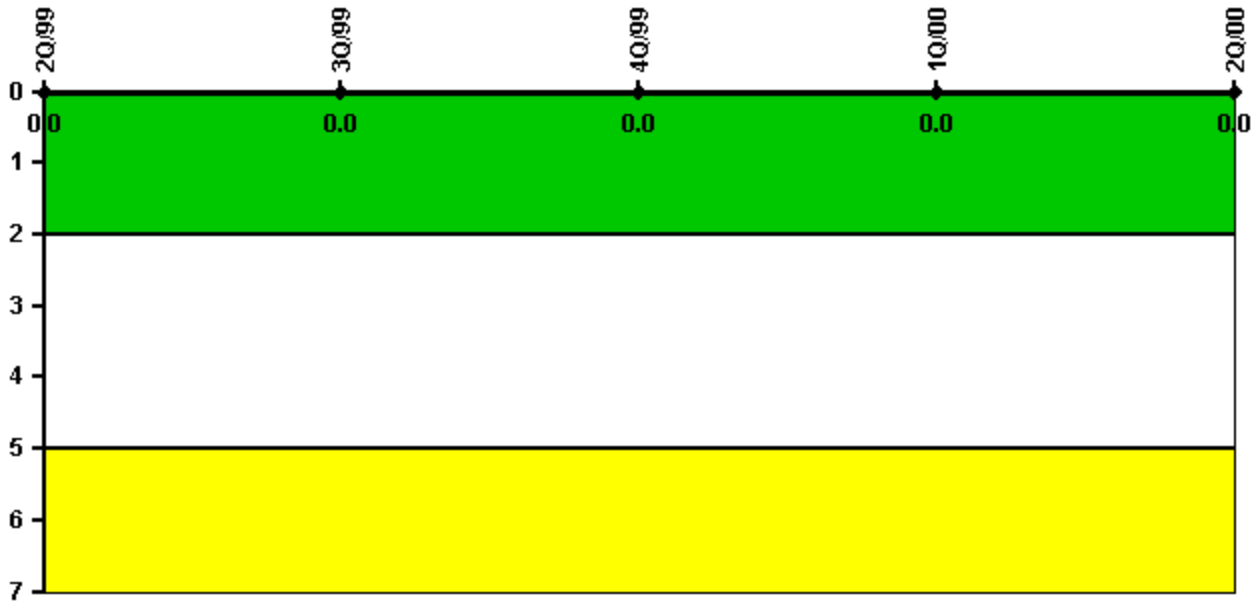
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 120.70 | 189.10 | 130.90 | 167.60 | 206.00 |
| CCTV compensatory hours | 0 | 54.1 | 2.6 | 58.0 | 6.4 |
| IDS normalization factor | 1.80 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | |
| Index Value | 0.031 | 0.035 | 0.028 | 0.024 | 0.027 |

Licensee Comments: none

Personnel Screening Program



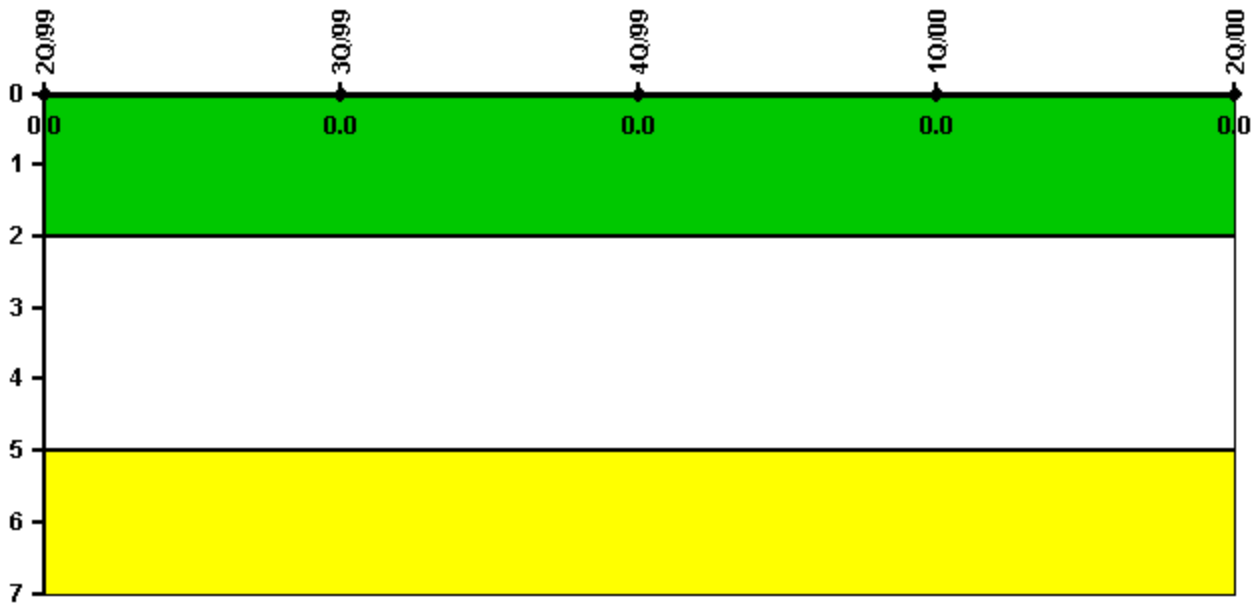
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Program failures | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---------------------------|-------|-------|-------|-------|-------|
| Program Failures | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

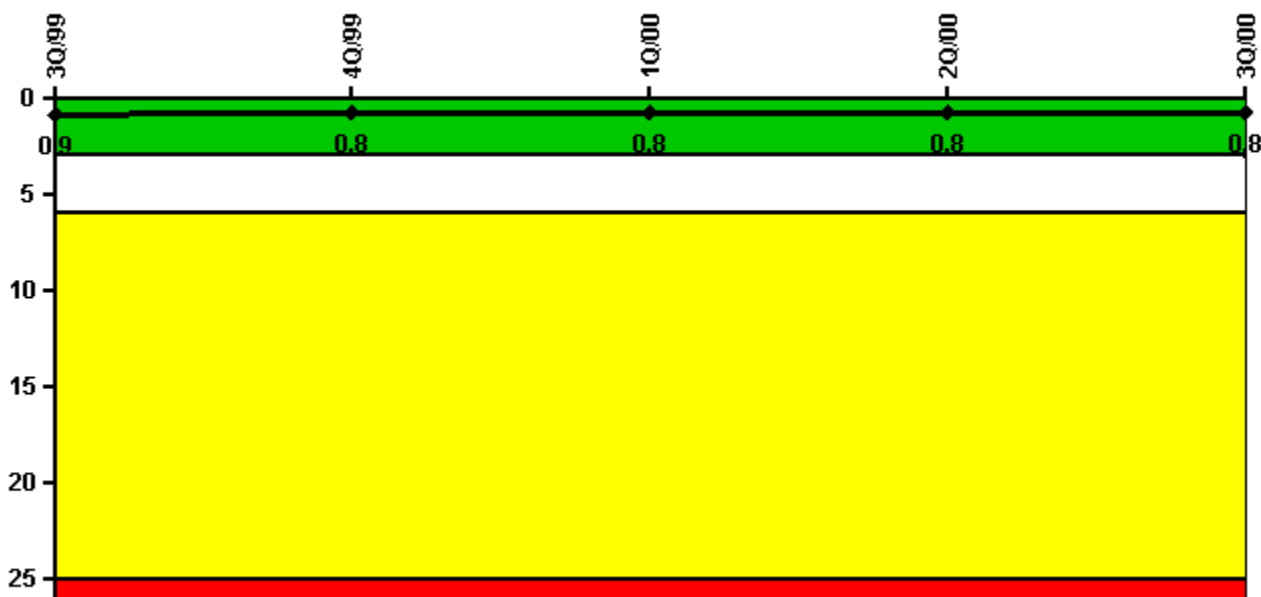
Last Modified: April 1, 2002

Peach Bottom 2

3Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



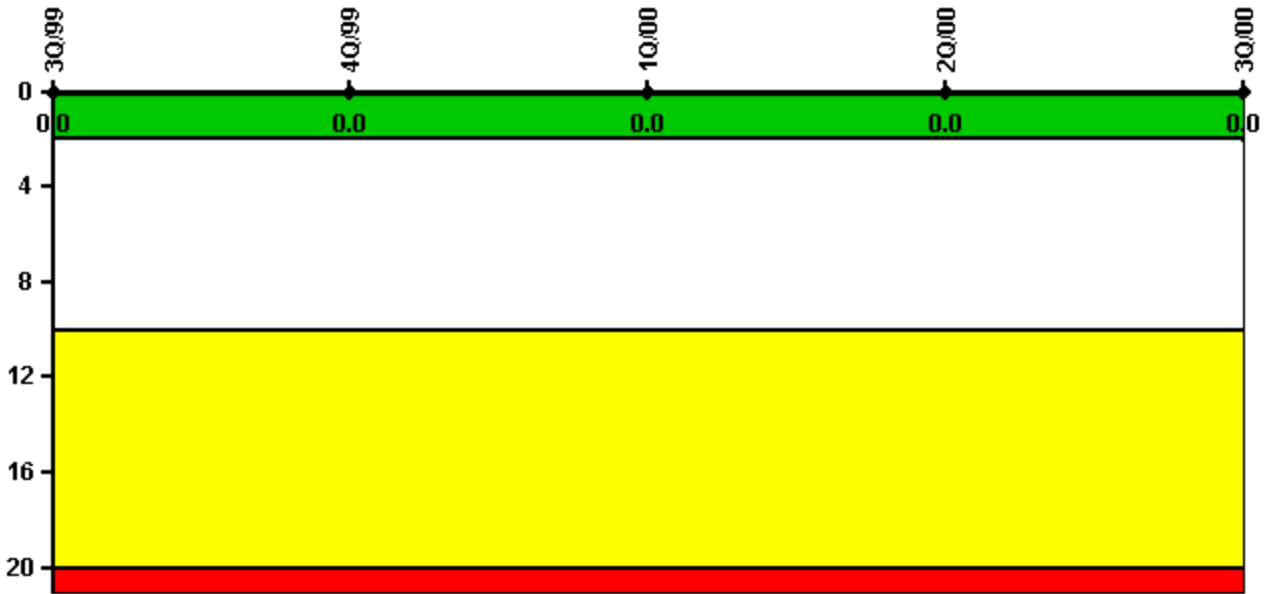
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|--|------------|------------|------------|------------|------------|
| Unplanned scrams | 1.0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2203.1 | 2117.9 | 2184.0 | 2147.8 | 1839.1 |
| | | | | | |
| Indicator value | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



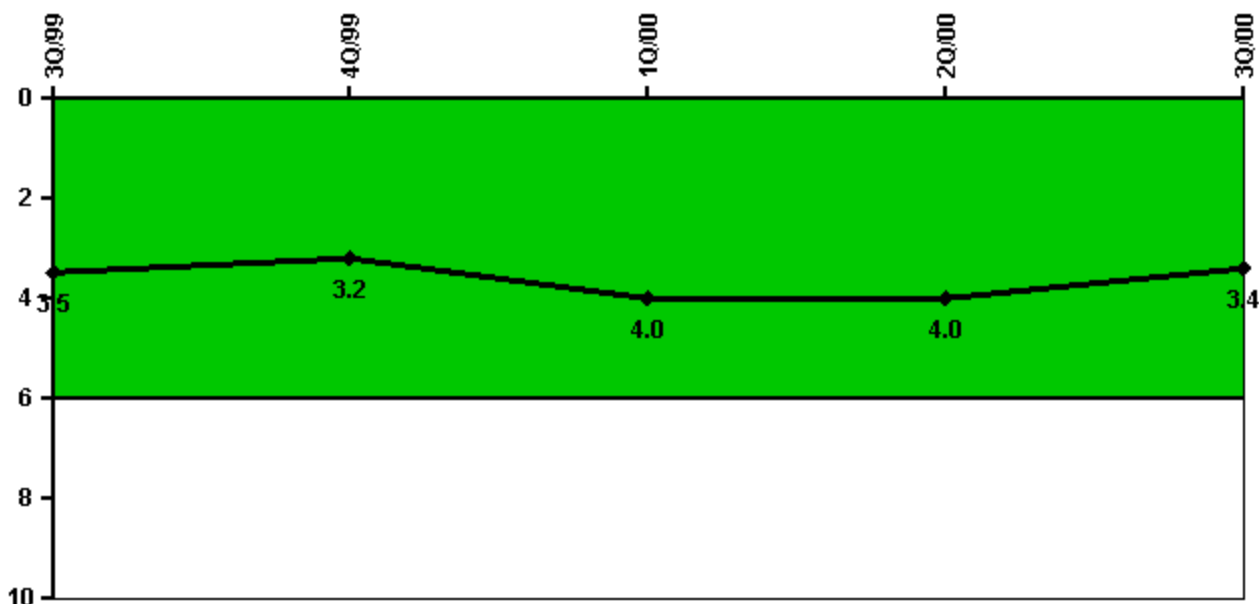
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



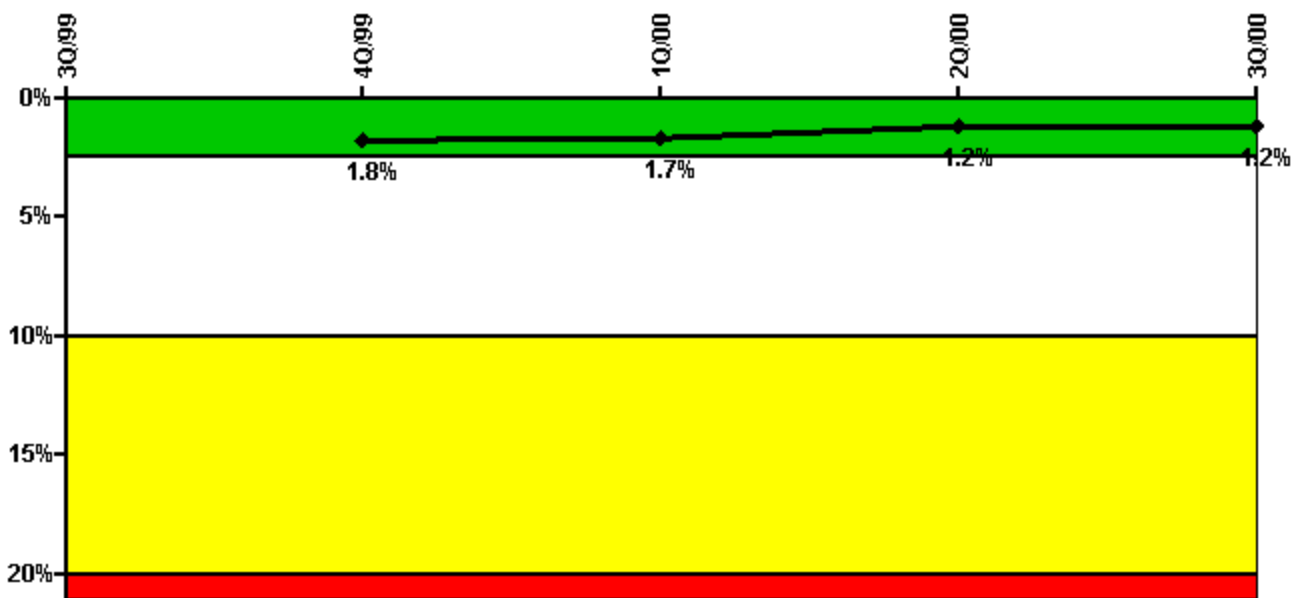
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---|------------|------------|------------|------------|------------|
| Unplanned power changes | 3.0 | 0 | 1.0 | 1.0 | 2.0 |
| Critical hours | 2203.1 | 2117.9 | 2184.0 | 2147.8 | 1839.1 |
| | | | | | |
| Indicator value | 3.5 | 3.2 | 4.0 | 4.0 | 3.4 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

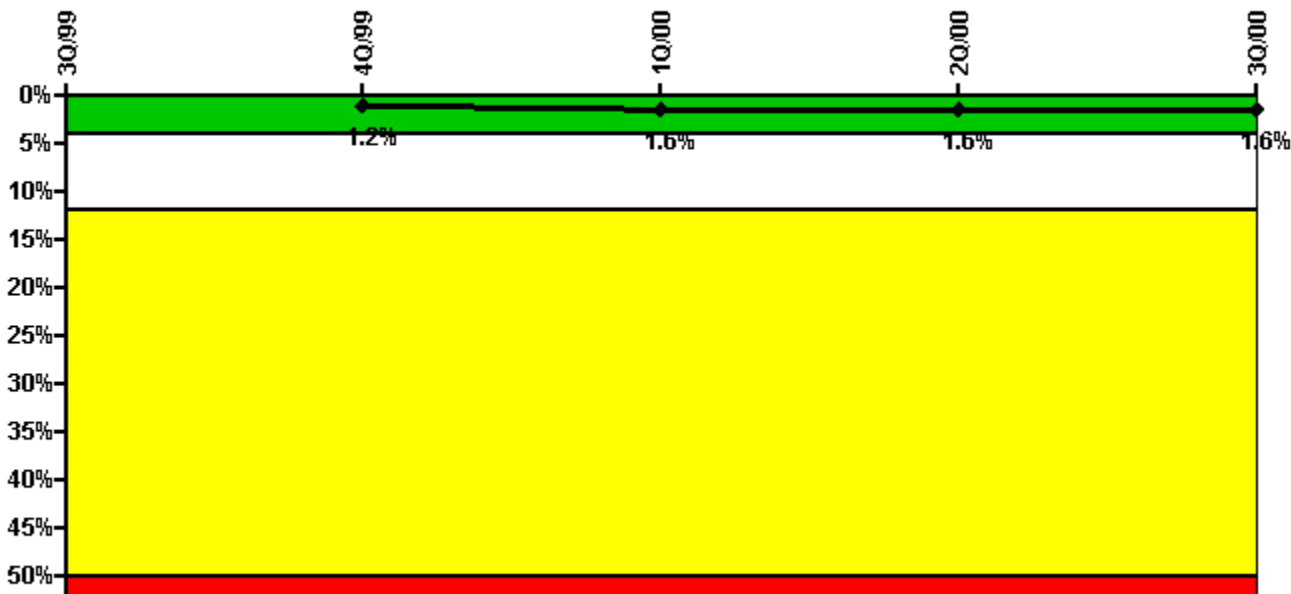
| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---|---------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 5.75 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2206.38 | 2184.00 | 2183.00 | 2027.75 |
| Train 2 | | | | | |
| Planned unavailable hours | 1.00 | 66.75 | 0 | 0 | 0 |
| Unplanned unavailable hours | 16.25 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2206.38 | 2184.00 | 2183.00 | 2027.75 |
| Train 3 | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 1.00 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2206.38 | 2184.00 | 2183.00 | 2027.75 |
| Train 4 | | | | | |
| Planned unavailable hours | 0 | 54.75 | 0 | 0 | 0 |
| Unplanned unavailable hours | 10.00 | 0 | 5.50 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2206.38 | 2184.00 | 2183.00 | 2027.75 |
| | | | | | |
| Indicator value | | 1.8% | 1.7% | 1.2% | 1.2% |

Licensee Comments:

3Q/00: Unit 2 in mode 4/5 for refueling outage from 23:18 15 Sep through 24:00 30 Sep. Only 2 trains required in mode 4/5. Hours train required pro-rated among all four trains.

1Q/00: IAW NEI 99-02, Rev 0, only unplanned/unscheduled unavailability hours submitted. Scheduled/planned overhaul hours omitted.

Safety System Unavailability, High Pressure Injection System (HPCI)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---|---------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 4.20 | 30.00 | 92.05 | 9.75 | 3.40 |
| Unplanned unavailable hours | 0 | 4.50 | 3.30 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2203.10 | 2117.90 | 2184.00 | 2147.75 | 1839.08 |
| | | | | | |
| Indicator value | | 1.2% | 1.6% | 1.6% | 1.6% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



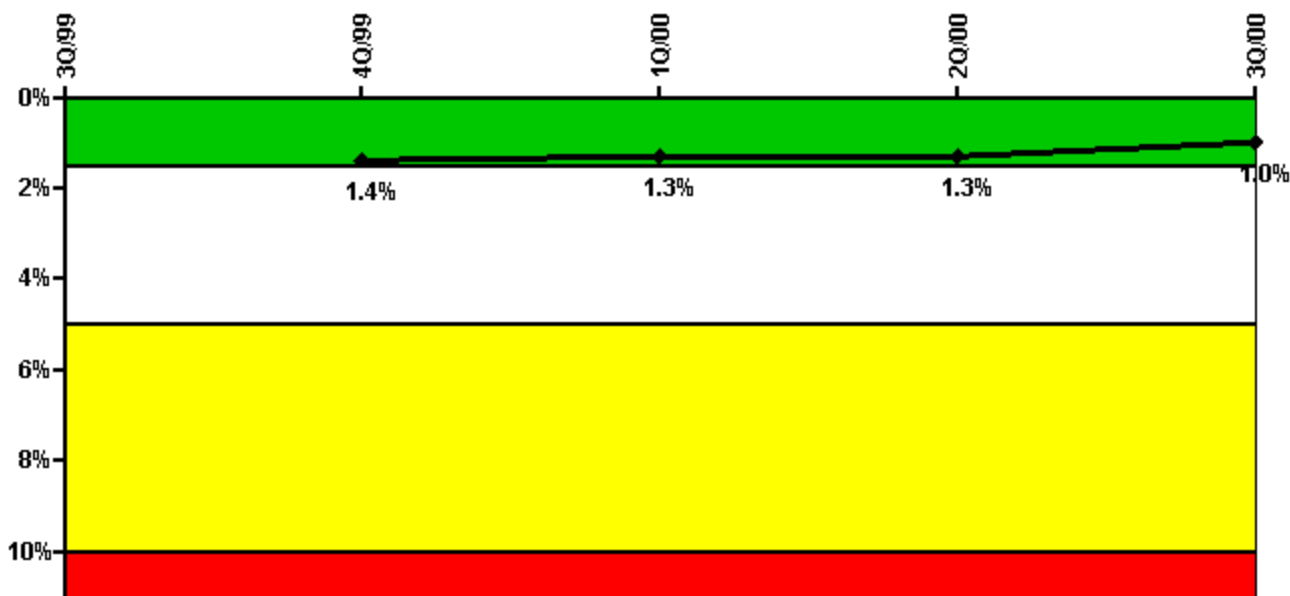
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|--|---------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 5.00 | 6.70 | 2.70 | 0 | 6.75 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2203.10 | 2117.90 | 2184.00 | 2147.75 | 1839.08 |
| | | | | | |
| Indicator value | | 0.8% | 0.7% | 0.4% | 0.4% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



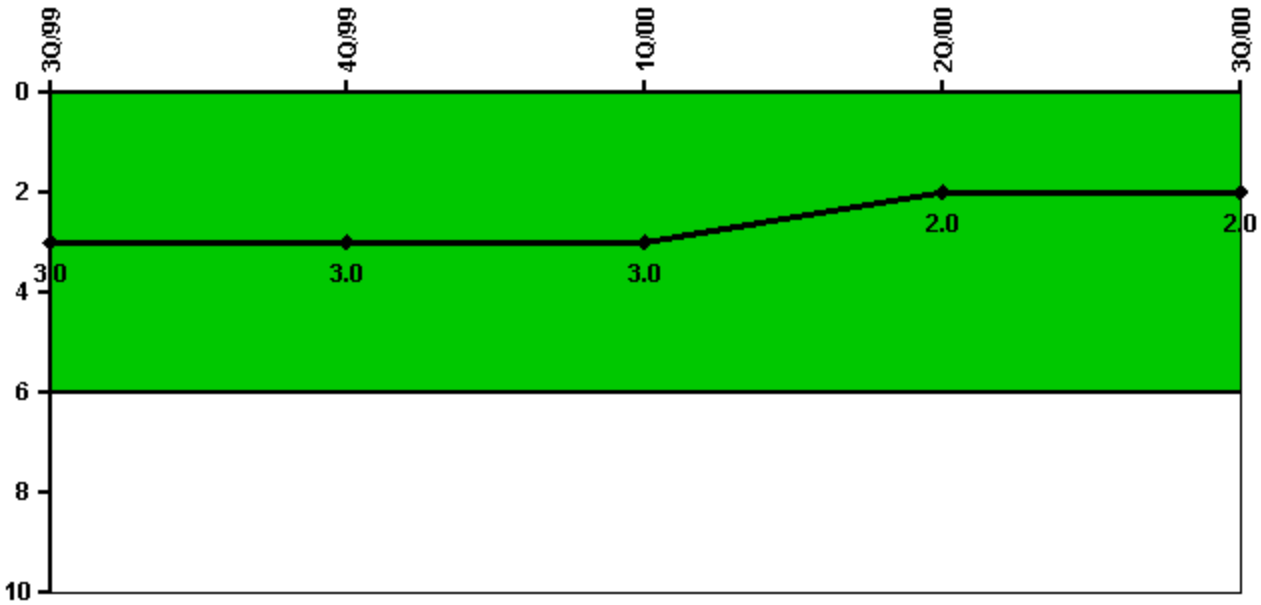
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|--|---------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 0 | 0 | 13.13 | 0 | 1.67 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2209.00 | 2184.00 | 2163.00 | 2065.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 0 | 0 | 0.72 | 55.25 | 0 |
| Unplanned unavailable hours | 0 | 4.50 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 1991.00 |
| | | | | | |
| Indicator value | | 1.4% | 1.3% | 1.3% | 1.0% |

Licensee Comments: none

Safety System Functional Failures (BWR)



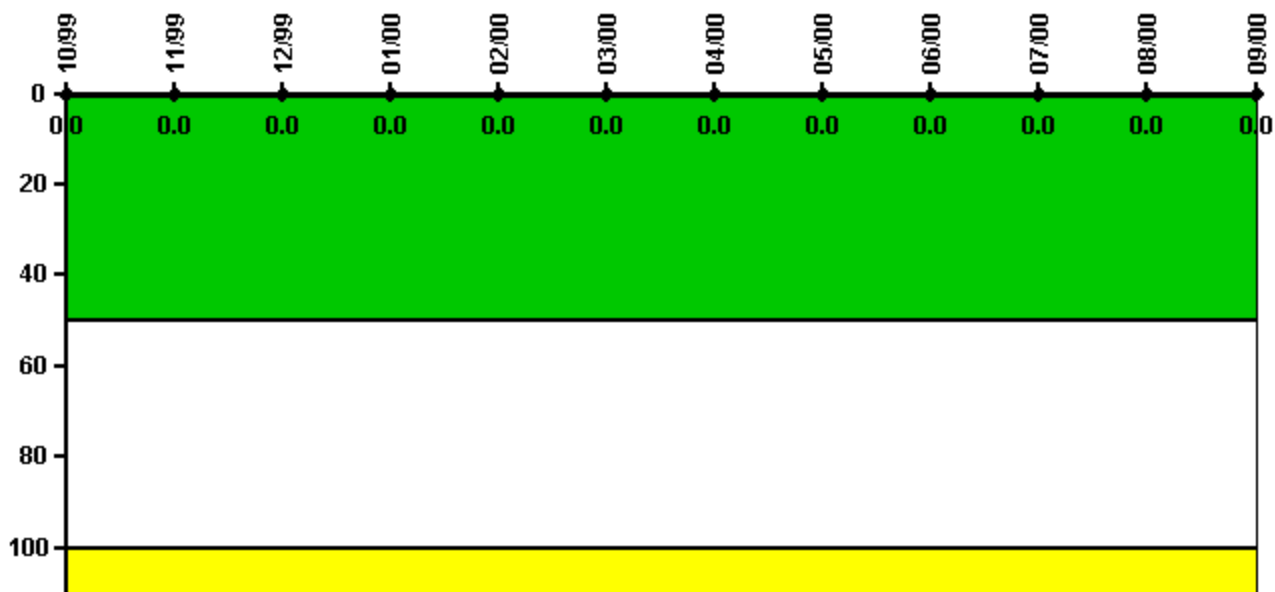
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 1 | 0 | 1 | 0 | 1 |
| | | | | | |
| Indicator value | 3 | 3 | 3 | 2 | 2 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000082 | 0.000004 | 0.000002 | 0.000010 | 0.000002 | 0.000006 | 0.000004 | 0.000008 | 0.000004 | 0.000008 | 0.000011 | 0.000002 |
| 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

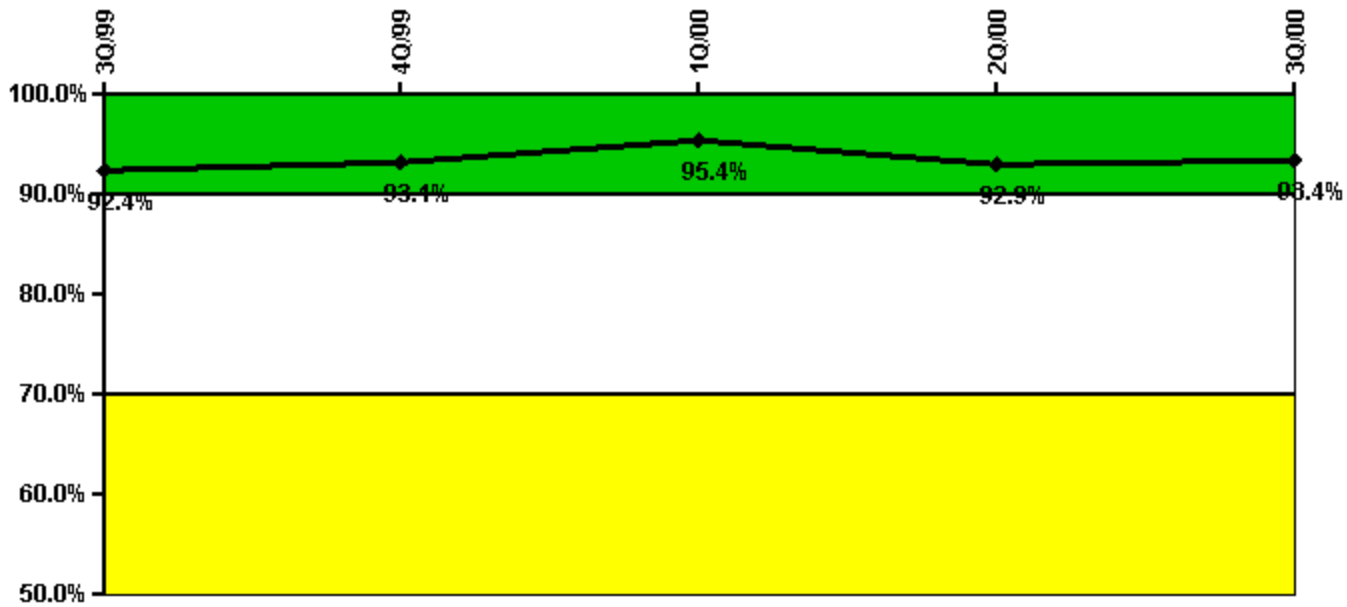
Notes

| Reactor Coolant System Leakage | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.560 | 1.590 | 1.540 | 1.540 | 1.530 | 1.590 | 1.590 | 1.560 | 1.590 | 1.600 | 1.600 | 1.570 |
| 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 | 6.2 | 6.4 | 6.2 | 6.2 | 6.1 | 6.4 | 6.4 | 6.2 | 6.4 | 6.4 | 6.4 | 6.3 |

Licensee Comments:

9/00: 2R13 Refuel Outage 9/15/00 - 10/5/00 --- Total Leakage Data monitoring not required by Tech Specs.

Drill/Exercise Performance



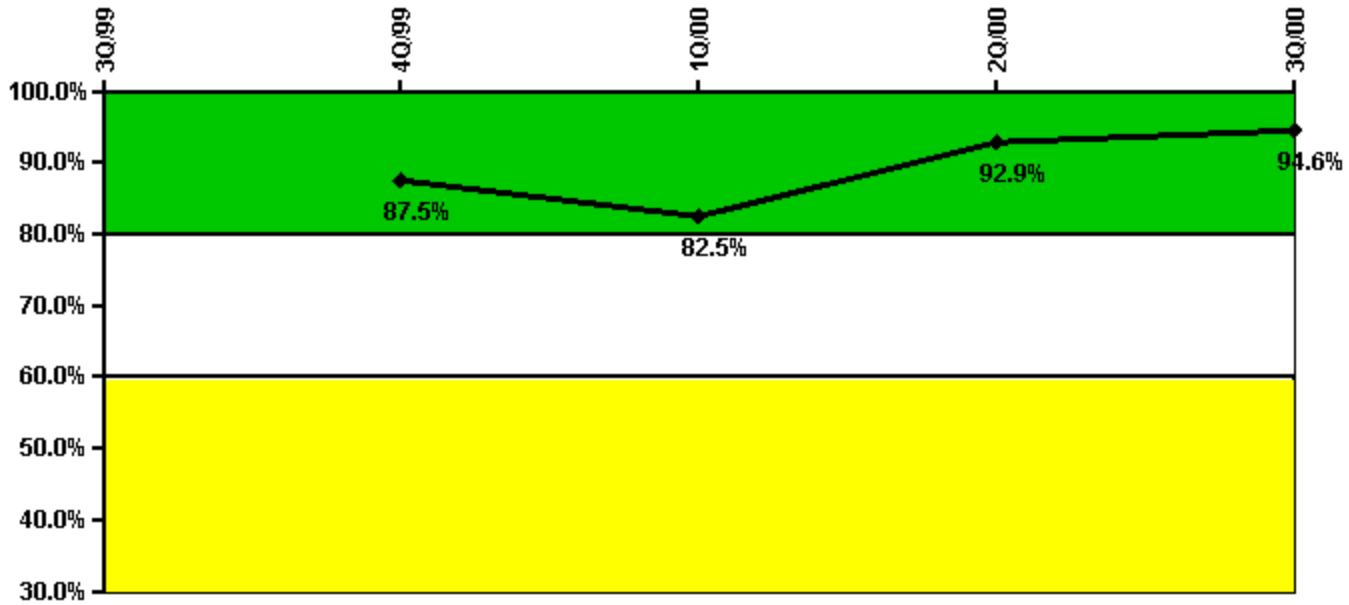
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|----------------------------|-------|-------|-------|-------|-------|
| Successful opportunities | 0 | 6.0 | 0 | 36.0 | 16.0 |
| Total opportunities | 0 | 6.0 | 0 | 40.0 | 18.0 |
| | | | | | |
| Indicator value | 92.4% | 93.1% | 95.4% | 92.9% | 93.4% |

Licensee Comments: none

ERO Drill Participation



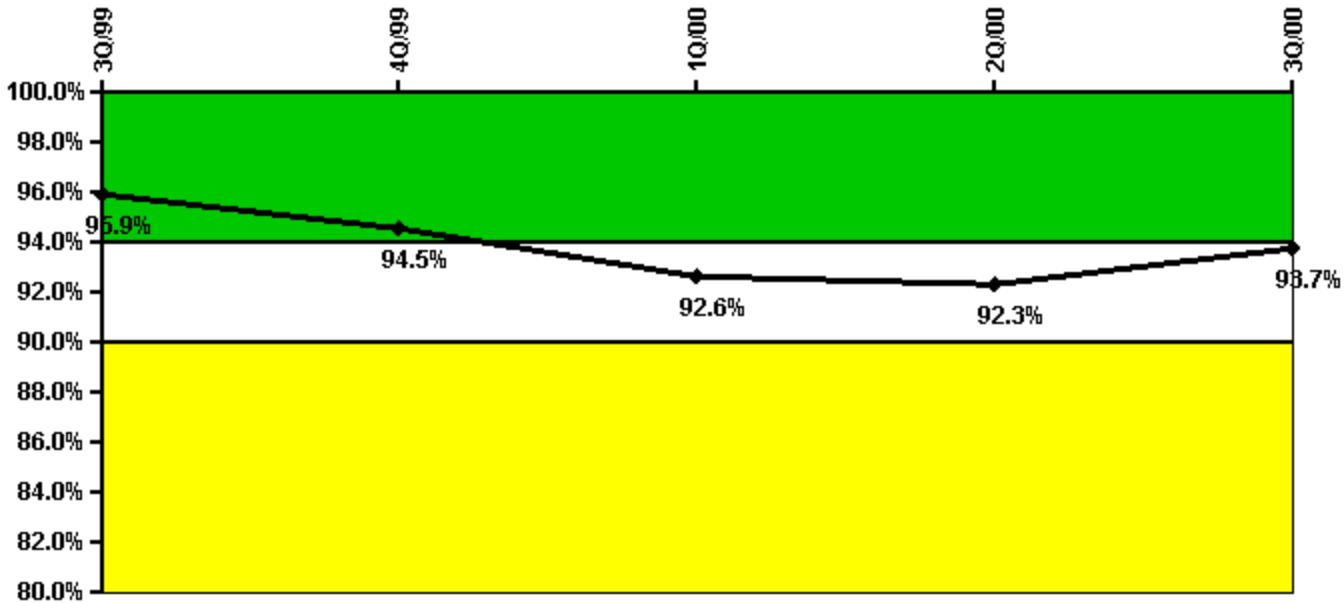
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Participating Key personnel | | 56.0 | 52.0 | 52.0 | 53.0 |
| Total Key personnel | | 64.0 | 63.0 | 56.0 | 56.0 |
| | | | | | |
| Indicator value | | 87.5% | 82.5% | 92.9% | 94.6% |

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests | 277 | 260 | 259 | 547 | 1479 |
| Total sirens-tests | 291 | 291 | 291 | 582 | 1552 |
| | | | | | |
| Indicator value | 95.9% | 94.5% | 92.6% | 92.3% | 93.7% |

Licensee Comments:

3Q/00: Peach Bottom siren performance has changed from GREEN to WHITE due to inadequate maintenance practices which resulted in degraded siren performance. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored. This performance indicator is expected to return to GREEN status by the end of 4Q00.

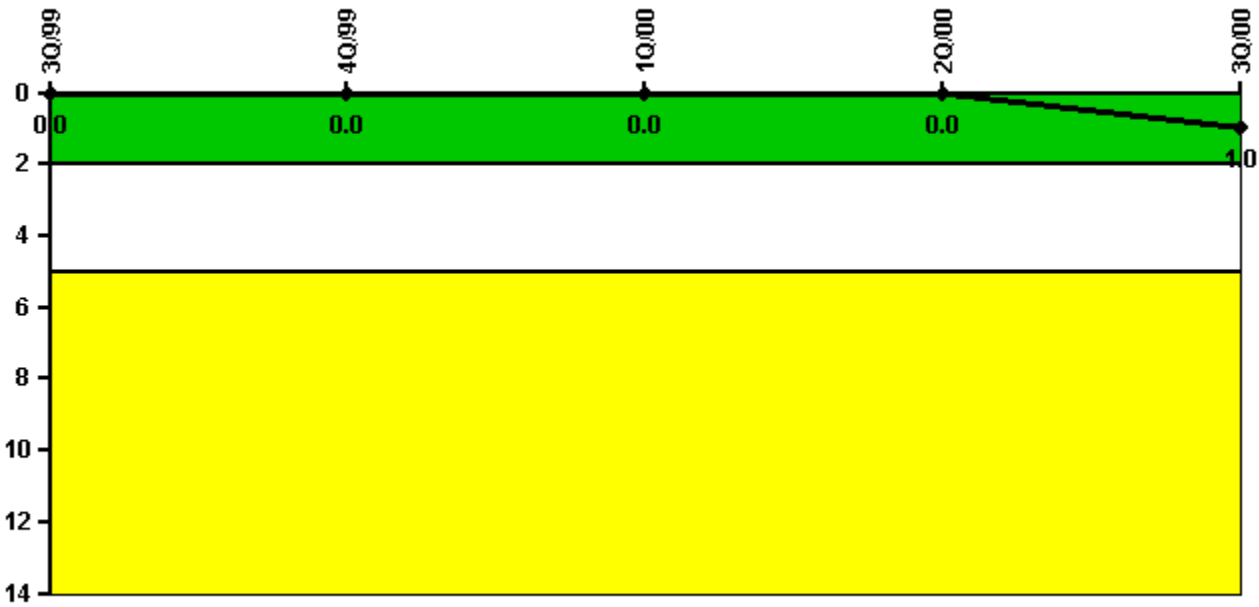
2Q/00: Peach Bottom siren performance has changed from GREEN to WHITE due to inadequate maintenance practices which resulted in degraded siren performance. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored. This performance indicator is expected to return to GREEN status by the end of 4Q00.

1Q/00: Peach Bottom siren performance has changed from GREEN to WHITE due to inadequate maintenance practices which resulted in degraded siren performance. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored. This performance indicator is expected to return to GREEN status by the end of 4Q00.

4Q/99: Peach Bottom siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

4Q/99: Common Data for Units 2 & 3.

Occupational Exposure Control Effectiveness



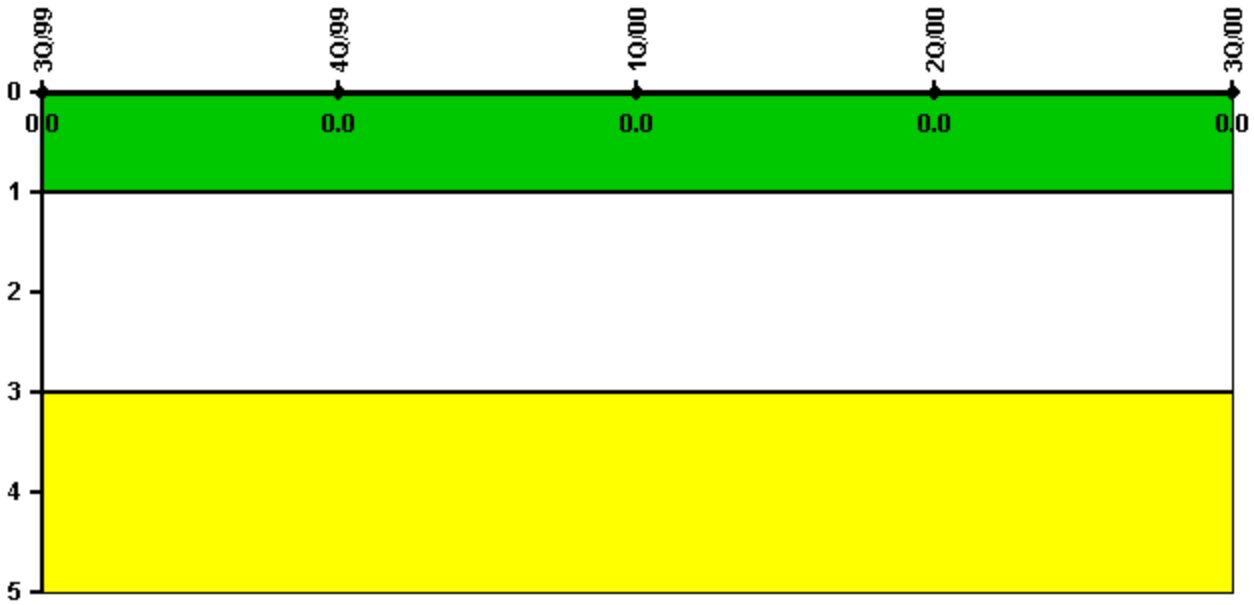
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 |
| Very high radiation area occurrences | 0 | 0 | 0 | 0 | 0 |
| Unintended exposure occurrences | 0 | 0 | 0 | 0 | 1 |
| Indicator value | 0 | 0 | 0 | 0 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



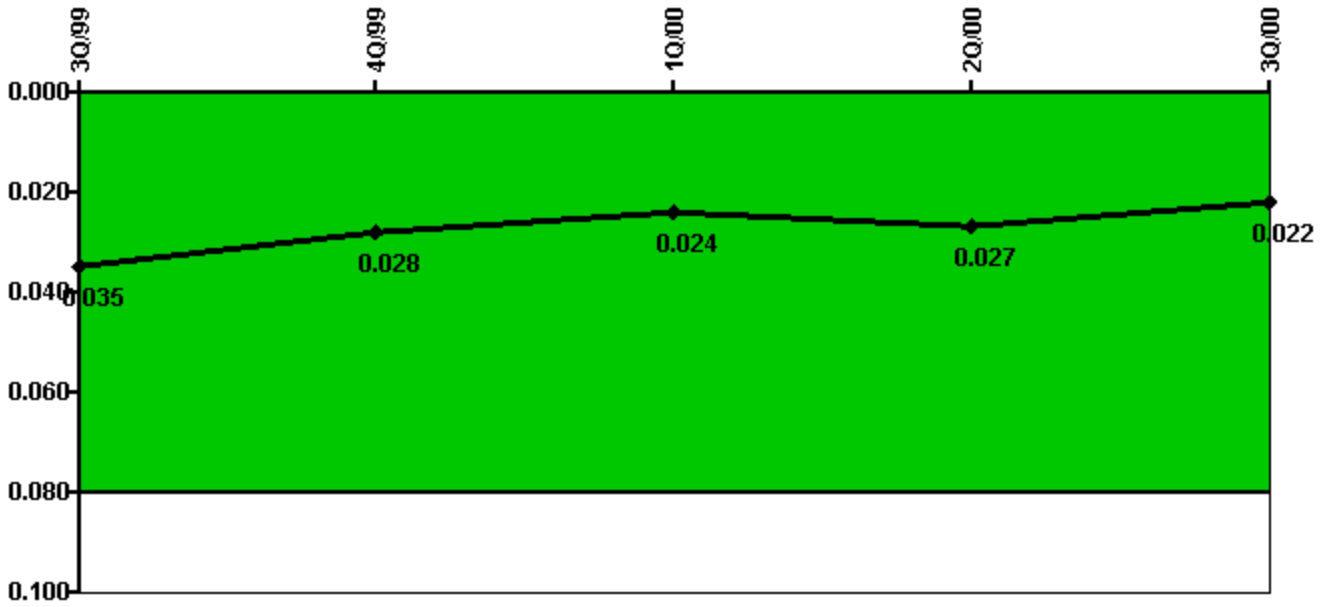
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---------------------------------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



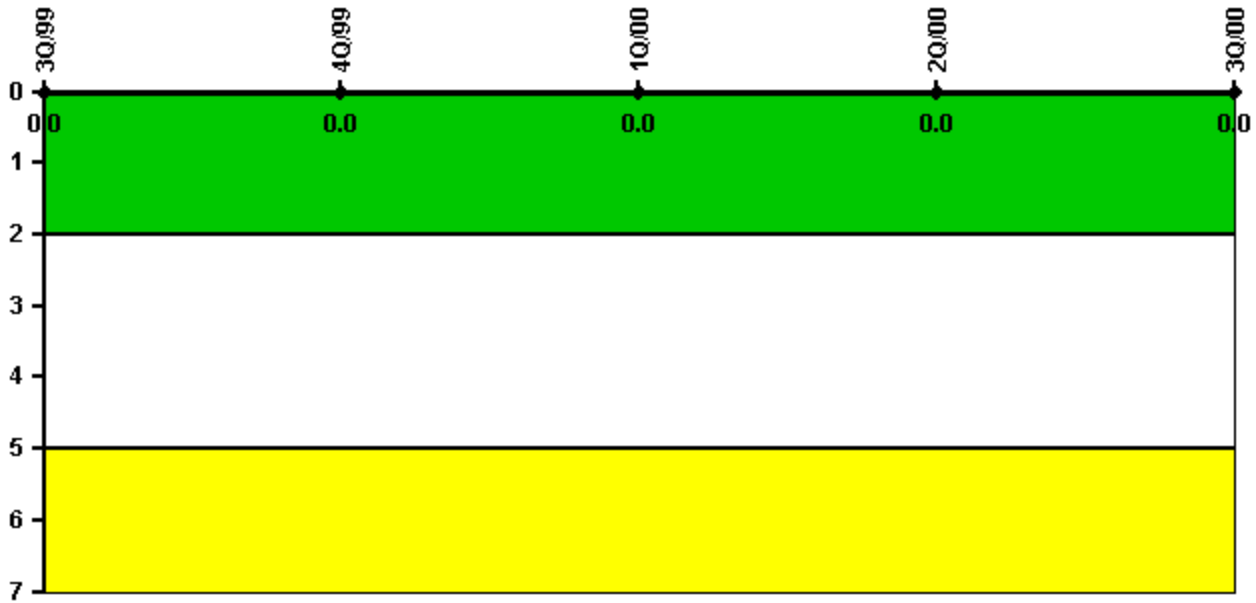
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 189.10 | 130.90 | 167.60 | 206.00 | 94.80 |
| CCTV compensatory hours | 54.1 | 2.6 | 58.0 | 6.4 | 12.6 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | |
| Index Value | 0.035 | 0.028 | 0.024 | 0.027 | 0.022 |

Licensee Comments: none

Personnel Screening Program



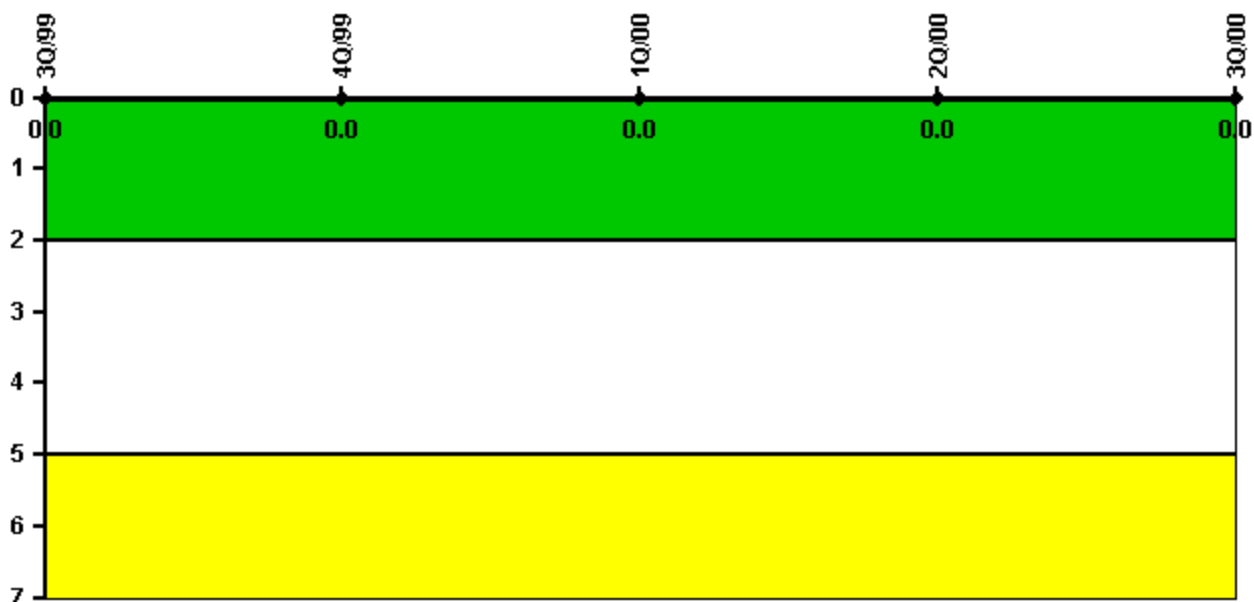
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Program failures | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 |
|---------------------------|-------|-------|-------|-------|-------|
| Program Failures | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

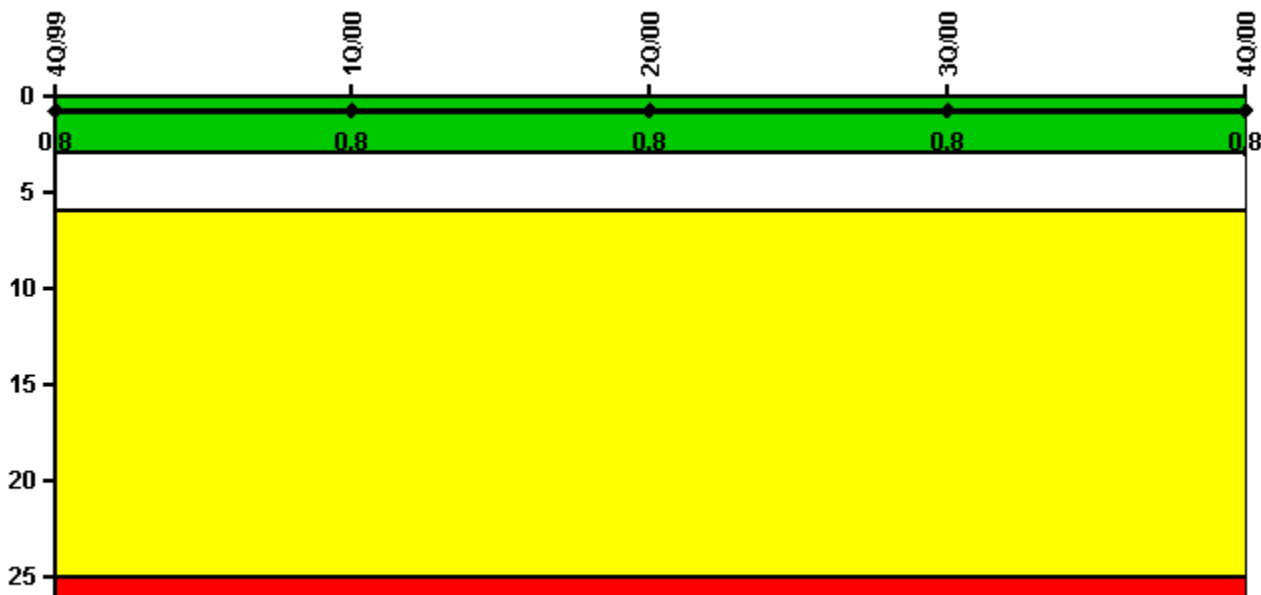
Last Modified: March 29, 2002

Peach Bottom 2

4Q/2000 Performance Indicators

Licensee's General Comments: Peach Bottom Unit 2 Quarterly Report

Unplanned Scrams per 7000 Critical Hrs



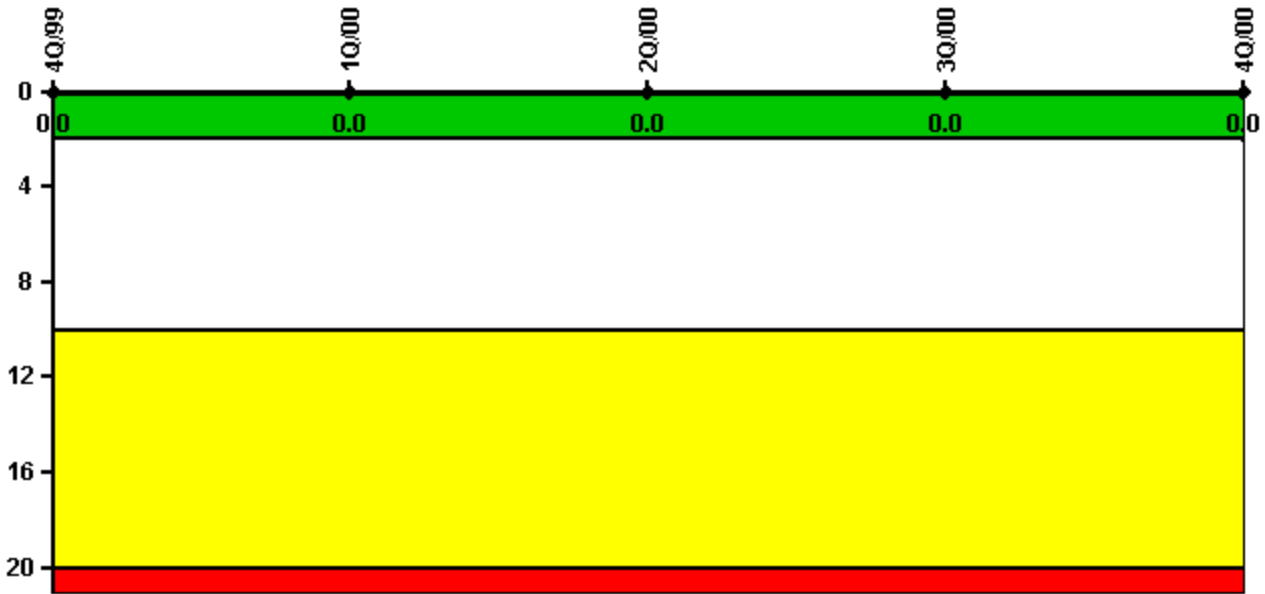
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|--|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 0 | 0 | 1.0 | 0 |
| Critical hours | 2117.9 | 2184.0 | 2147.8 | 1839.1 | 2076.7 |
| | | | | | |
| Indicator value | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



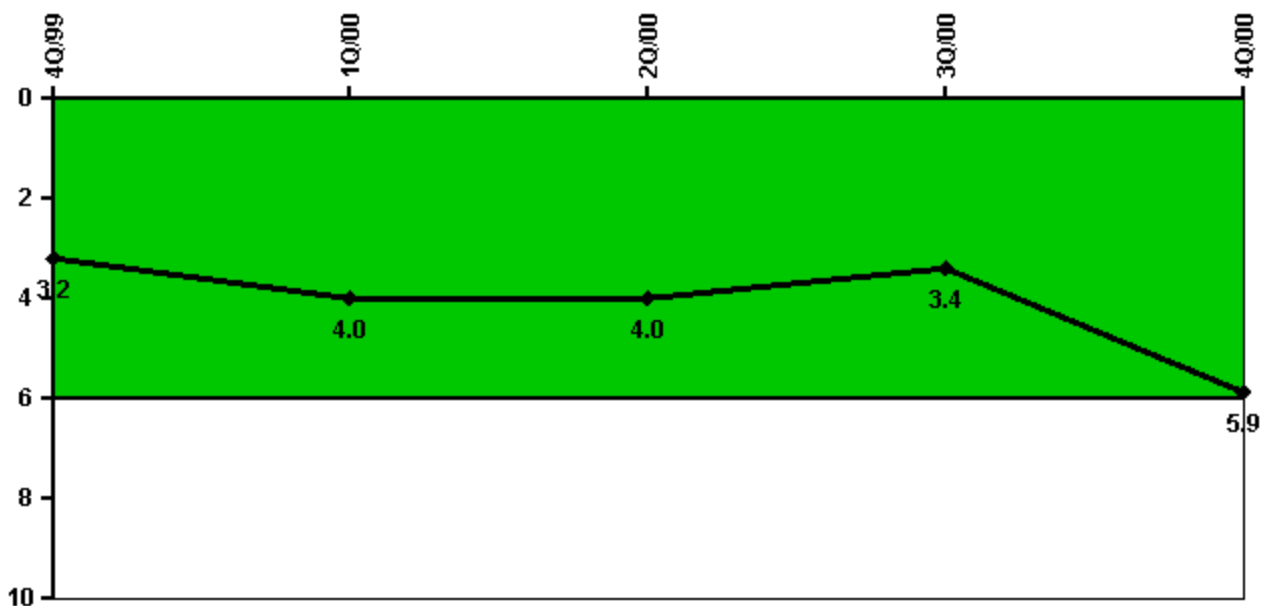
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



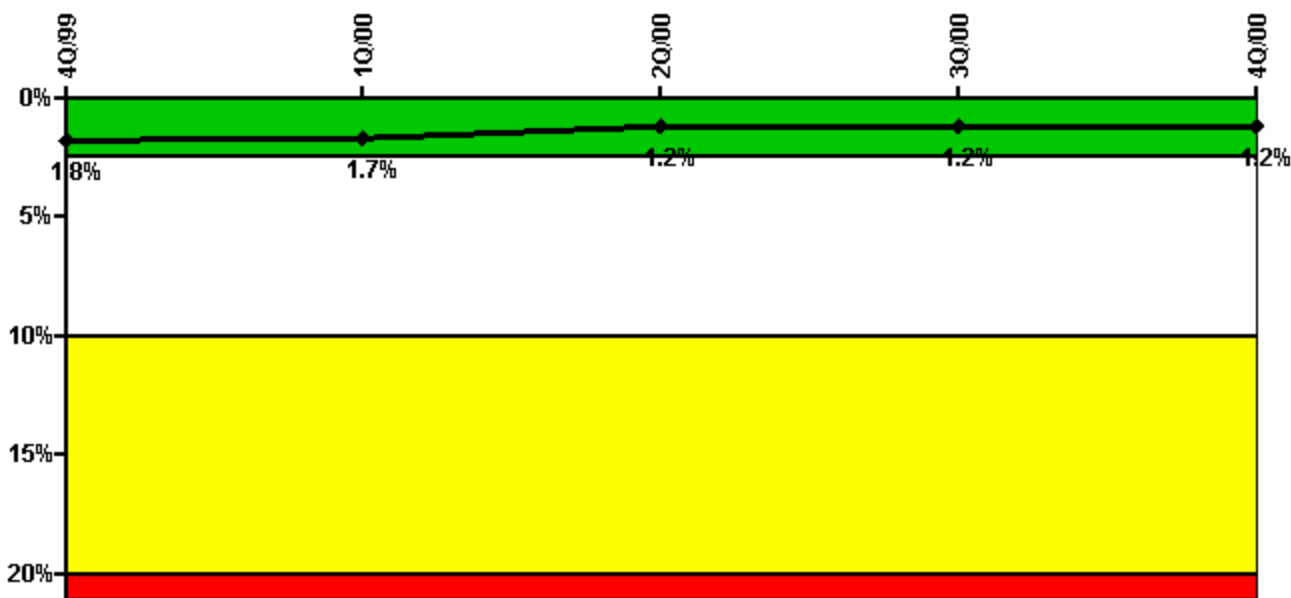
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 1.0 | 1.0 | 2.0 | 3.0 |
| Critical hours | 2117.9 | 2184.0 | 2147.8 | 1839.1 | 2076.7 |
| | | | | | |
| Indicator value | 3.2 | 4.0 | 4.0 | 3.4 | 5.9 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

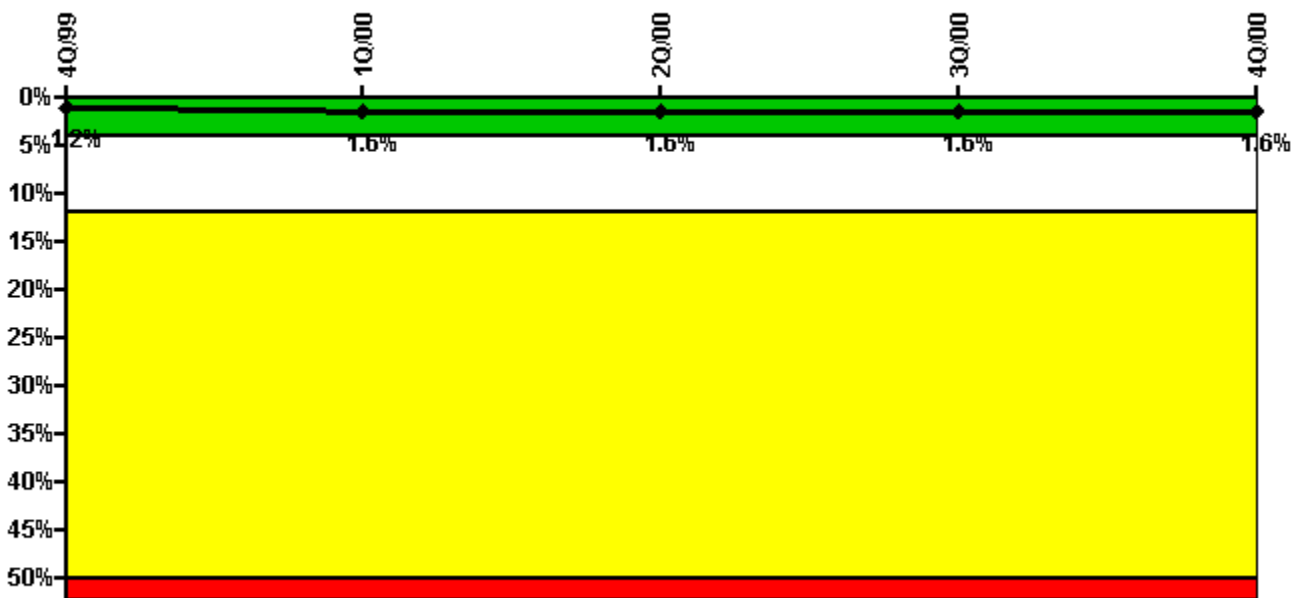
Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 5.75 | 1.75 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 66.75 | 0 | 0 | 0 | 19.00 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 1.00 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 |
| Train 4 | | | | | |
| Planned unavailable hours | 54.75 | 0 | 0 | 0 | 10.25 |
| Unplanned unavailable hours | 0 | 5.50 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 |
| | | | | | |
| Indicator value | 1.8% | 1.7% | 1.2% | 1.2% | 1.2% |

Licensee Comments:

4Q/00: October hours "required for service" reduced because of time Unit 2 spent in mode 4/5 for refueling outage (only 2 D/G's required to be operable with time pro-rated for equal distribution among 4 D/G's).

Safety System Unavailability, High Pressure Injection System (HPCI)



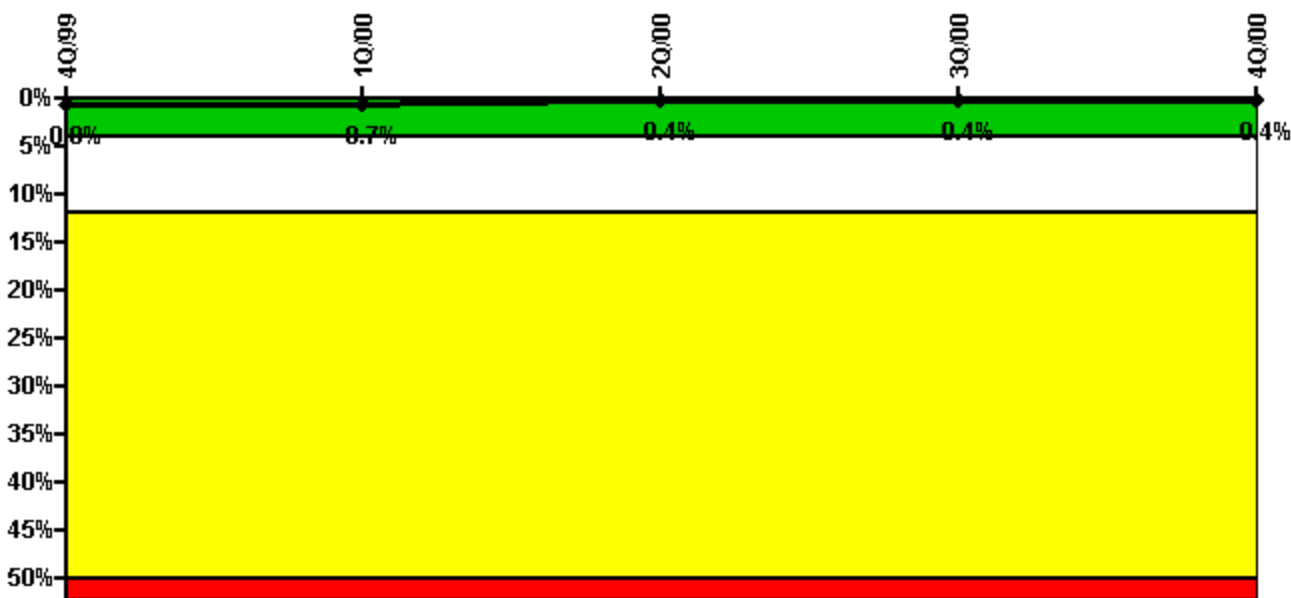
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|---------|---------|---------|---------|---------|
| Train 1 | | | | | |
| Planned unavailable hours | 30.00 | 92.05 | 9.75 | 3.40 | 3.40 |
| Unplanned unavailable hours | 4.50 | 3.30 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2117.90 | 2184.00 | 2147.75 | 1839.08 | 2076.65 |
| Indicator value | 1.2% | 1.6% | 1.6% | 1.6% | 1.6% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



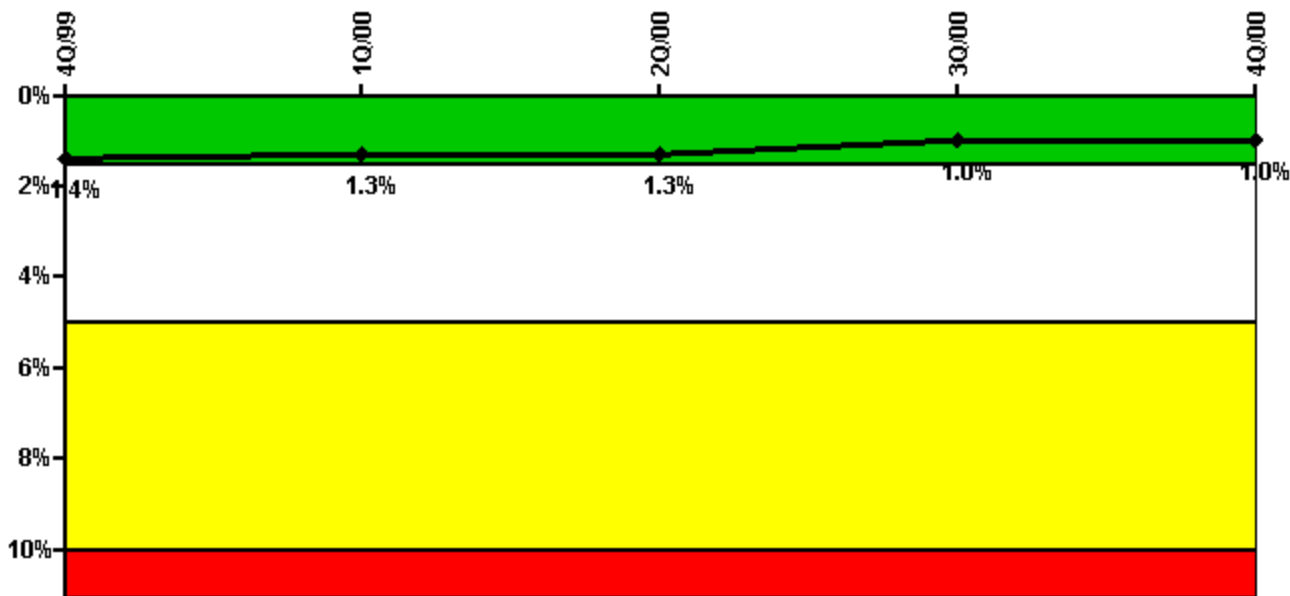
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|--|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 6.70 | 2.70 | 0 | 6.75 | 2.17 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2117.90 | 2184.00 | 2147.75 | 1839.08 | 2076.65 |
| | | | | | |
| Indicator value | 0.8% | 0.7% | 0.4% | 0.4% | 0.4% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



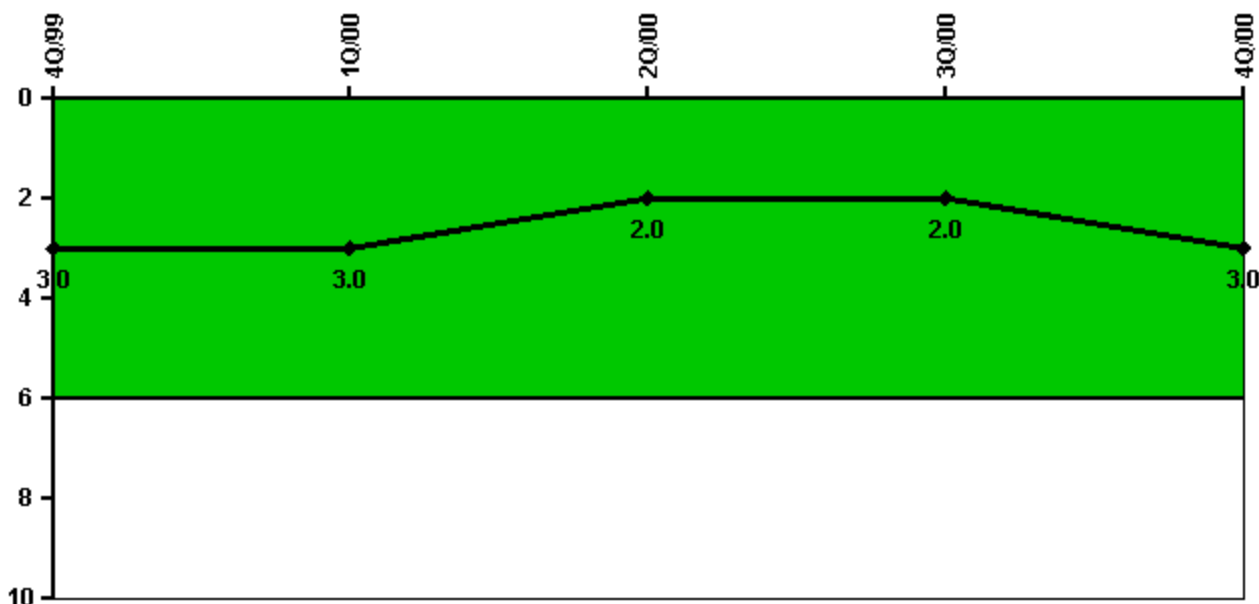
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|--|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 0 | 13.13 | 0 | 1.67 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 1.50 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2163.00 | 2065.00 | 2113.75 |
| Train 2 | | | | | |
| Planned unavailable hours | 0 | 0.72 | 55.25 | 0 | 0 |
| Unplanned unavailable hours | 4.50 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 1991.00 | 2190.00 |
| | | | | | |
| Indicator value | 1.4% | 1.3% | 1.3% | 1.0% | 1.0% |

Licensee Comments: none

Safety System Functional Failures (BWR)



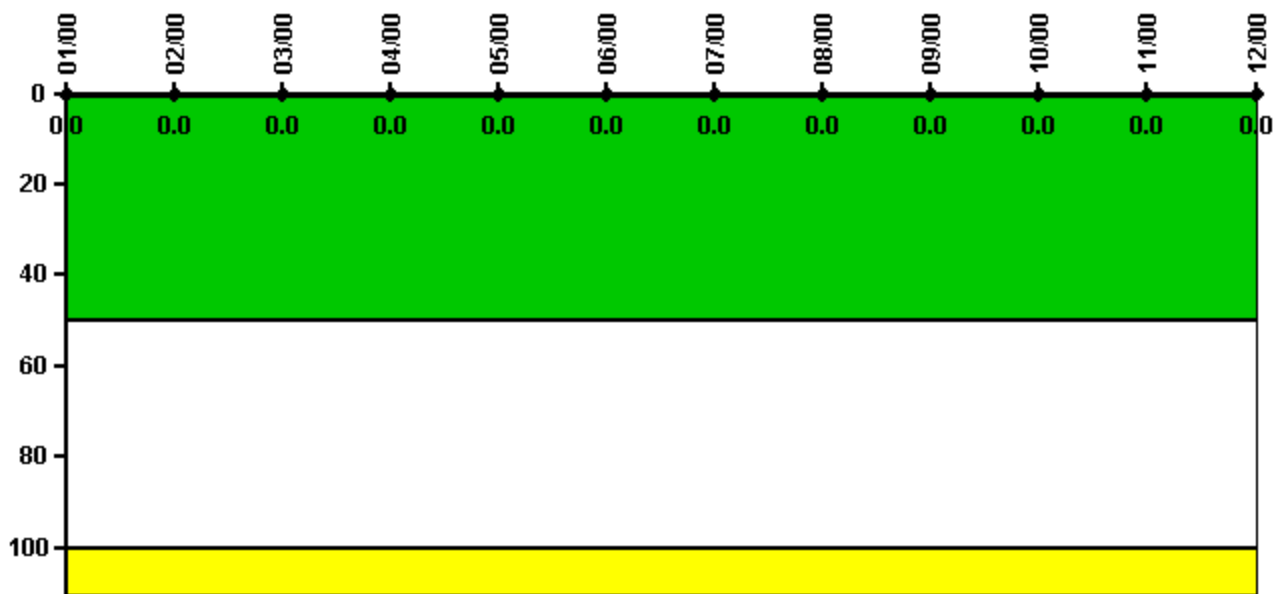
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 1 | 0 | 1 | 1 |
| | | | | | |
| Indicator value | 3 | 3 | 2 | 2 | 3 |

Licensee Comments: none

Reactor Coolant System Activity



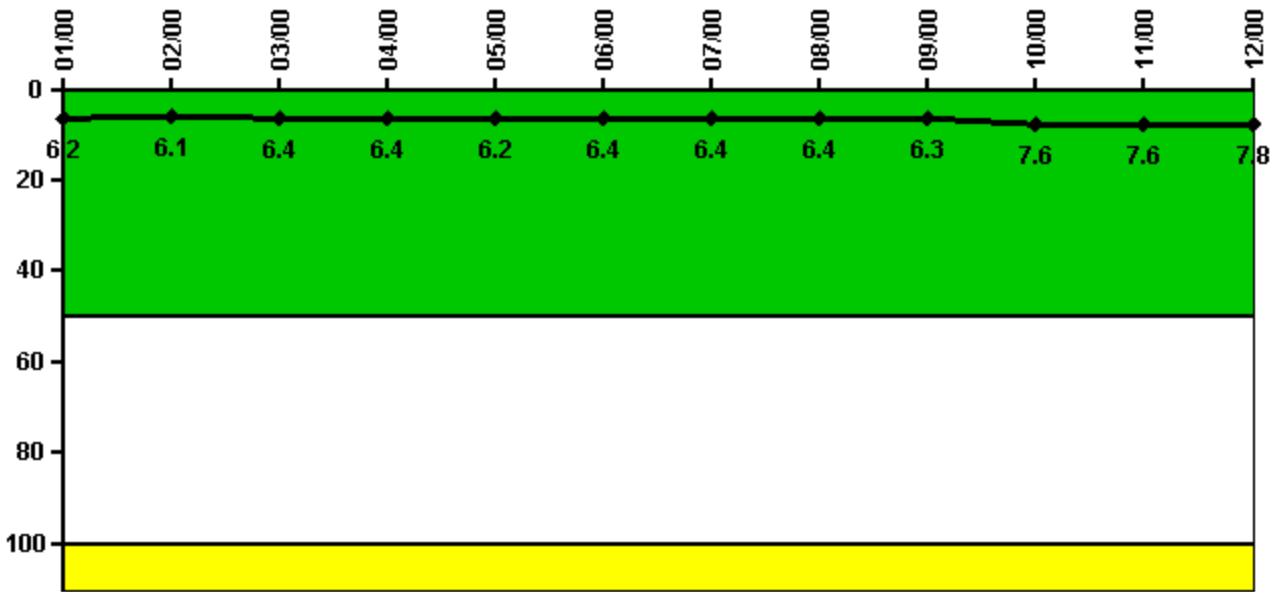
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 | 10/00 | 11/00 | 12/00 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000010 | 0.000002 | 0.000006 | 0.000004 | 0.000008 | 0.000004 | 0.000008 | 0.000011 | 0.000002 | 0.000013 | 0.000006 | 0.000003 |
| 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



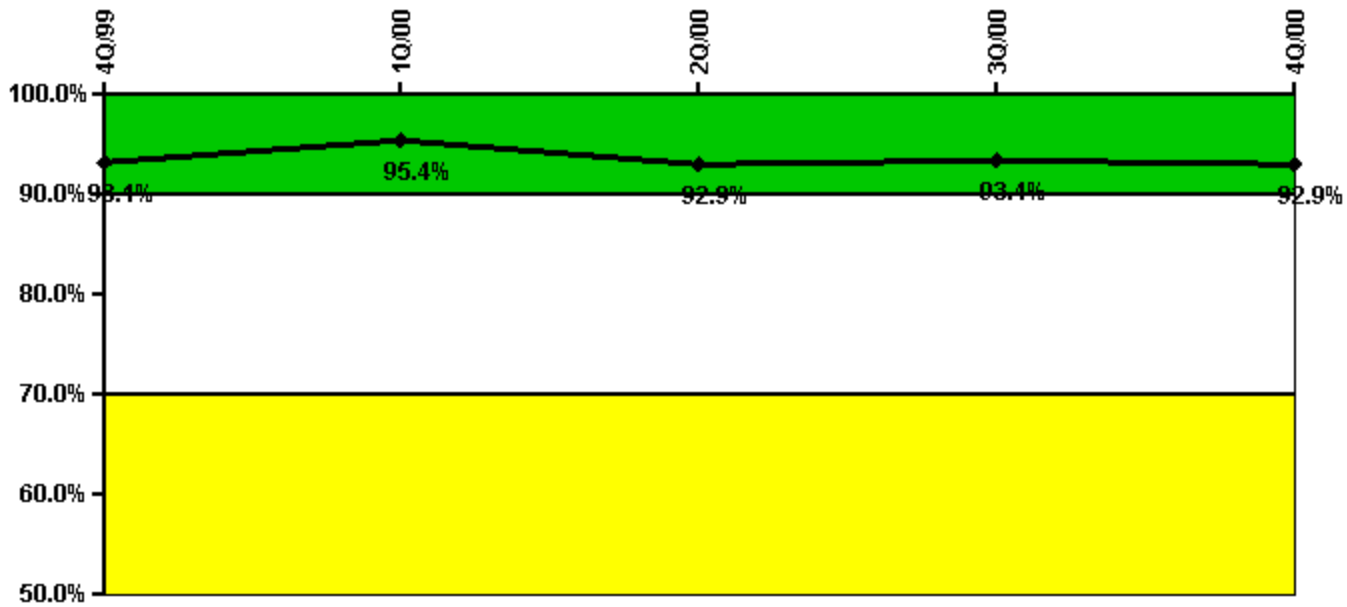
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 | 10/00 | 11/00 | 12/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.540 | 1.530 | 1.590 | 1.590 | 1.560 | 1.590 | 1.600 | 1.600 | 1.570 | 1.890 | 1.910 | 1.940 |
| 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 | 6.2 | 6.1 | 6.4 | 6.4 | 6.2 | 6.4 | 6.4 | 6.4 | 6.3 | 7.6 | 7.6 | 7.8 |

Licensee Comments: none

Drill/Exercise Performance



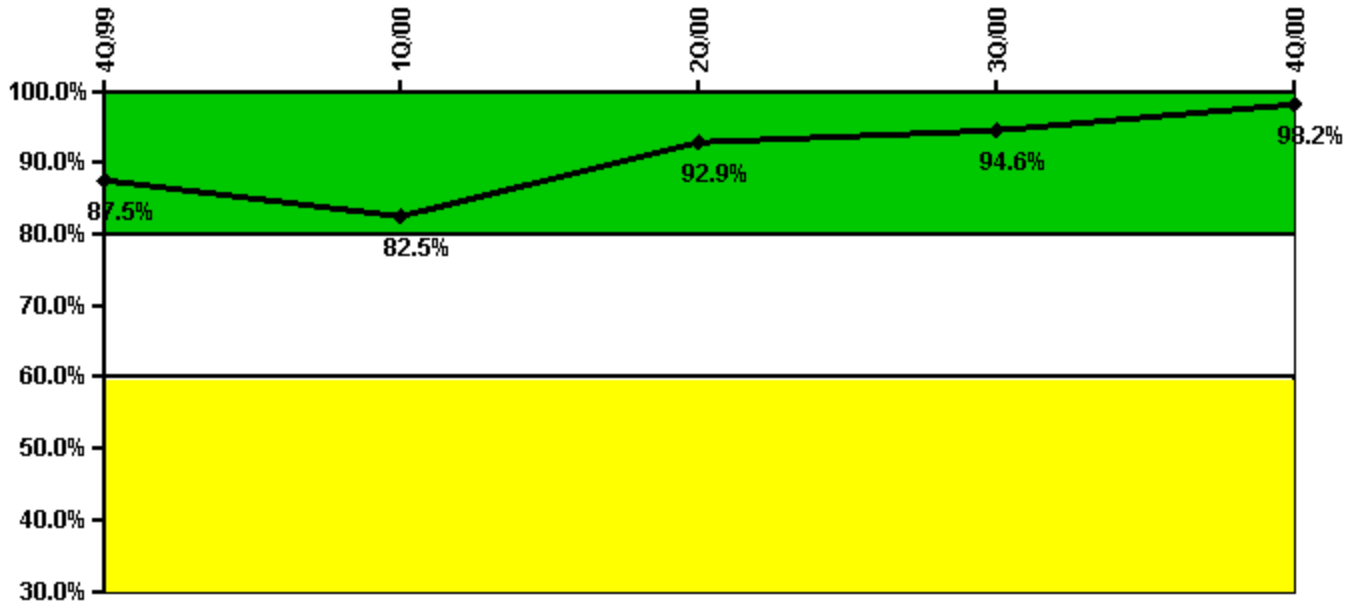
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|----------------------------|-------|-------|-------|-------|-------|
| Successful opportunities | 6.0 | 0 | 36.0 | 16.0 | 2.0 |
| Total opportunities | 6.0 | 0 | 40.0 | 18.0 | 2.0 |
| | | | | | |
| Indicator value | 93.1% | 95.4% | 92.9% | 93.4% | 92.9% |

Licensee Comments: none

ERO Drill Participation



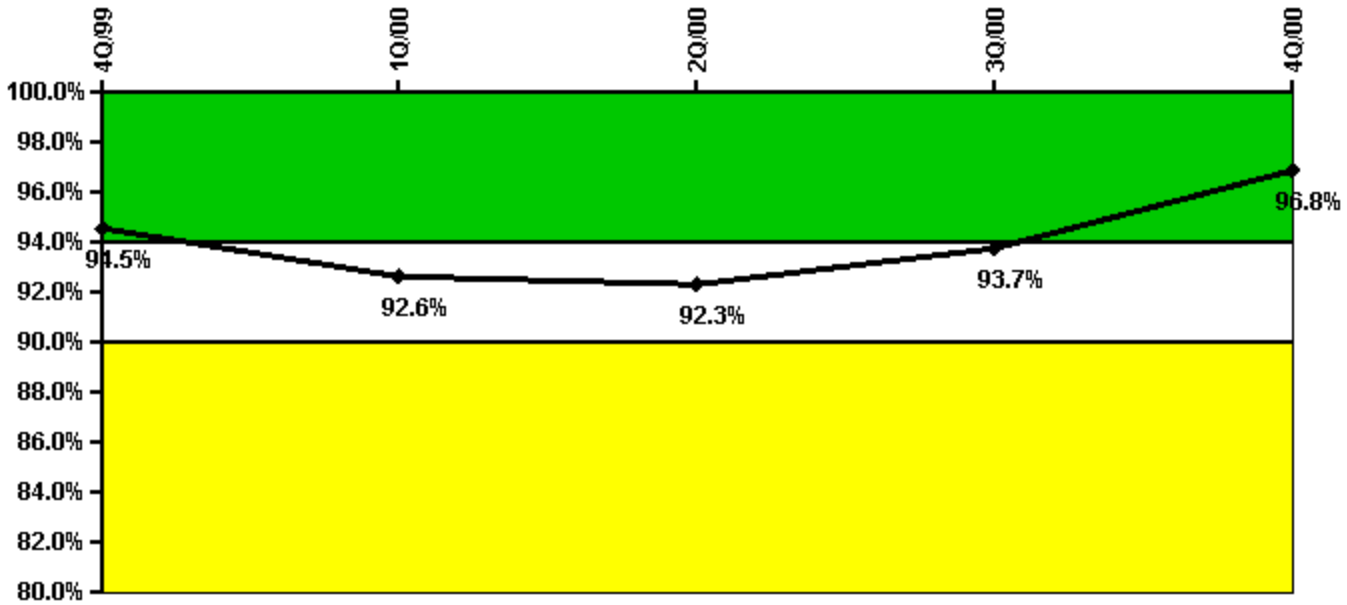
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Participating Key personnel | 56.0 | 52.0 | 52.0 | 53.0 | 54.0 |
| Total Key personnel | 64.0 | 63.0 | 56.0 | 56.0 | 55.0 |
| | | | | | |
| Indicator value | 87.5% | 82.5% | 92.9% | 94.6% | 98.2% |

Licensee Comments: none

Alert & Notification System



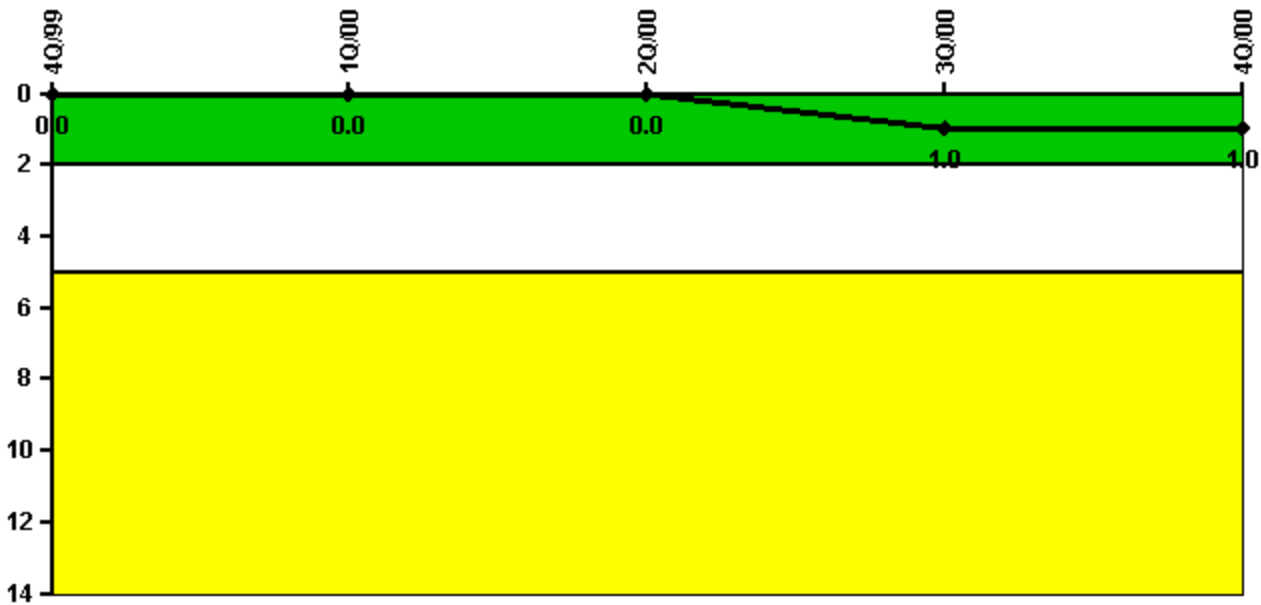
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests | 260 | 259 | 547 | 1479 | 2505 |
| Total sirens-tests | 291 | 291 | 582 | 1552 | 2522 |
| | | | | | |
| Indicator value | 94.5% | 92.6% | 92.3% | 93.7% | 96.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



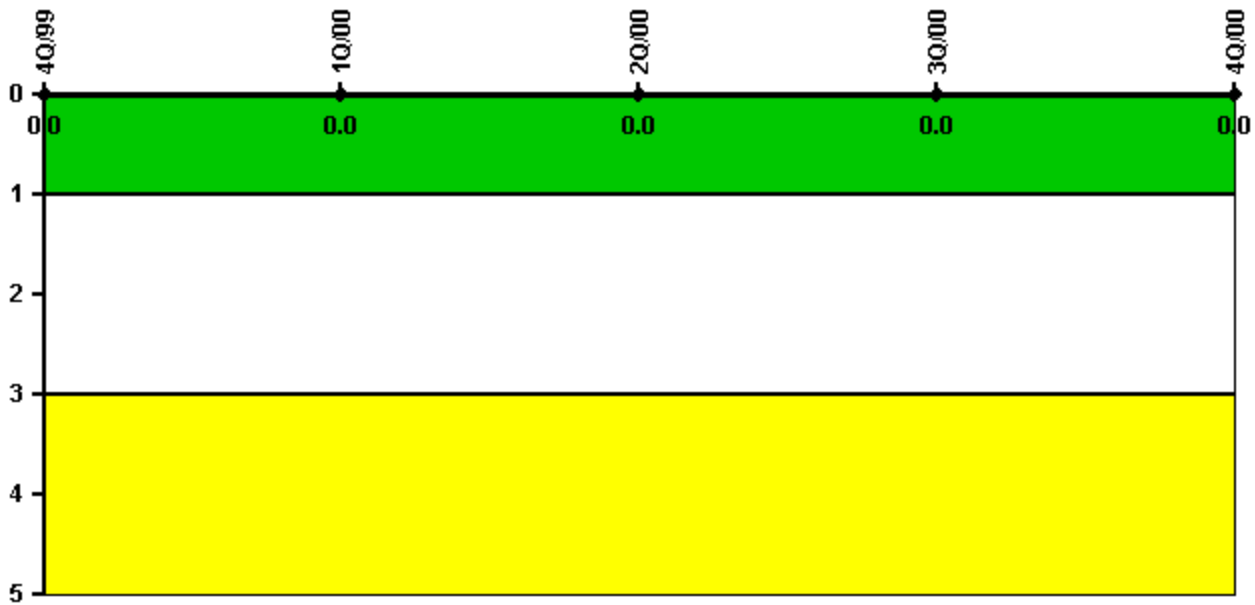
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 |
| Very high radiation area occurrences | 0 | 0 | 0 | 0 | 0 |
| Unintended exposure occurrences | 0 | 0 | 0 | 1 | 0 |
| Indicator value | 0 | 0 | 0 | 1 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



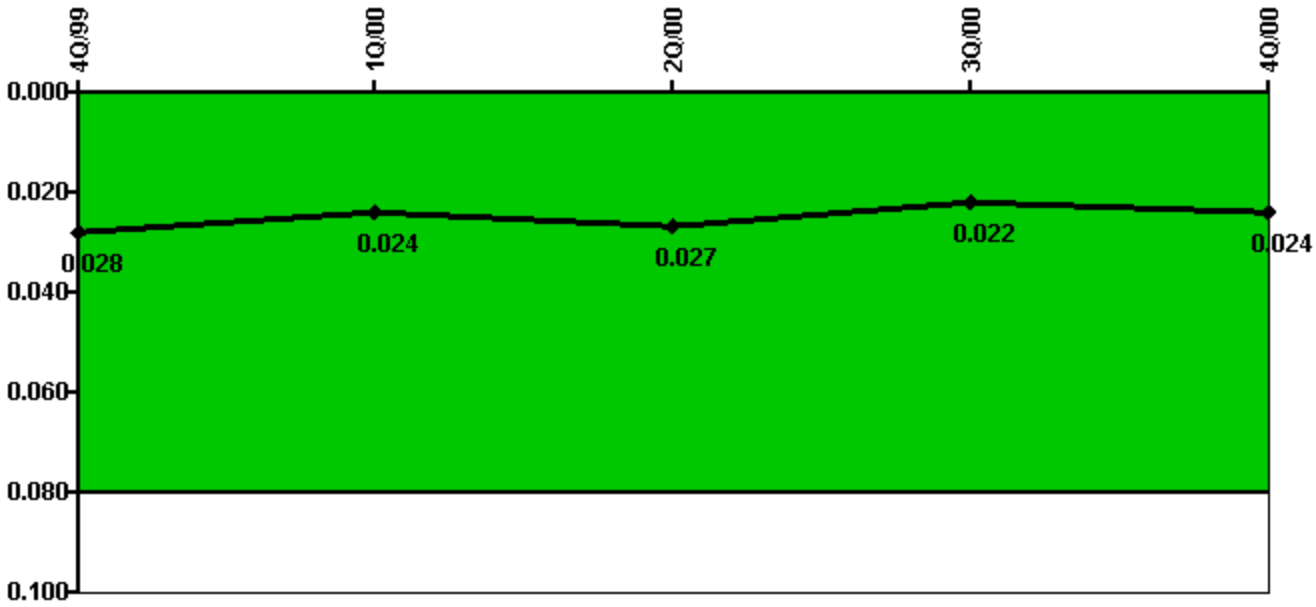
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---------------------------------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



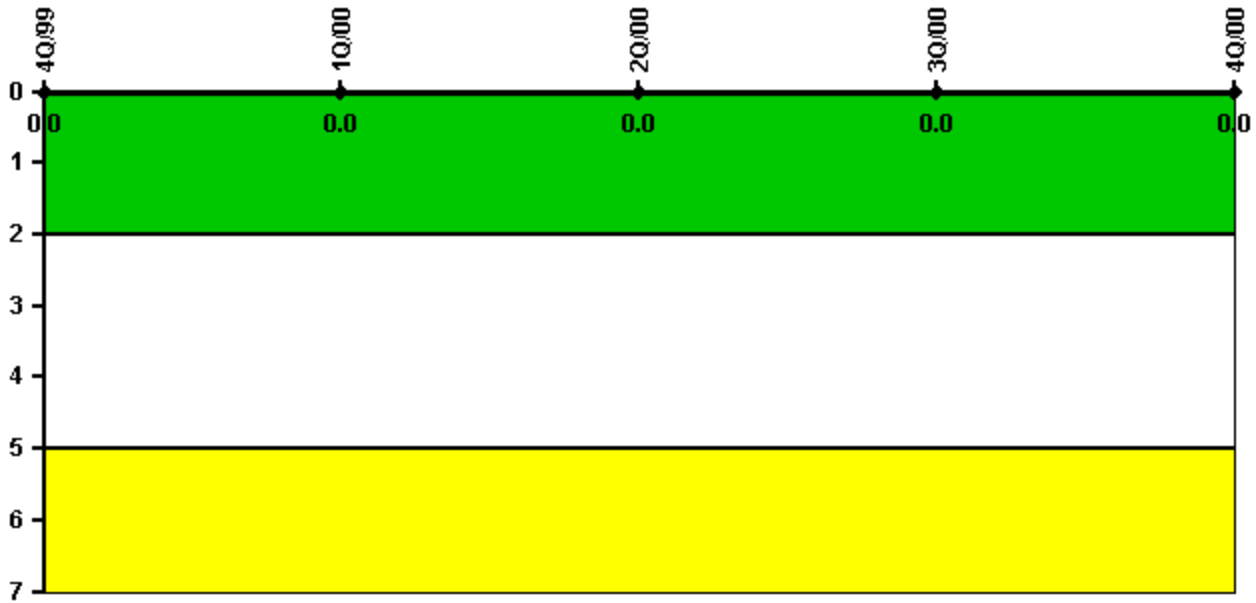
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 130.90 | 167.60 | 206.00 | 94.80 | 152.20 |
| CCTV compensatory hours | 2.6 | 58.0 | 6.4 | 12.6 | 20.7 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | |
| Index Value | 0.028 | 0.024 | 0.027 | 0.022 | 0.024 |

Licensee Comments: none

Personnel Screening Program



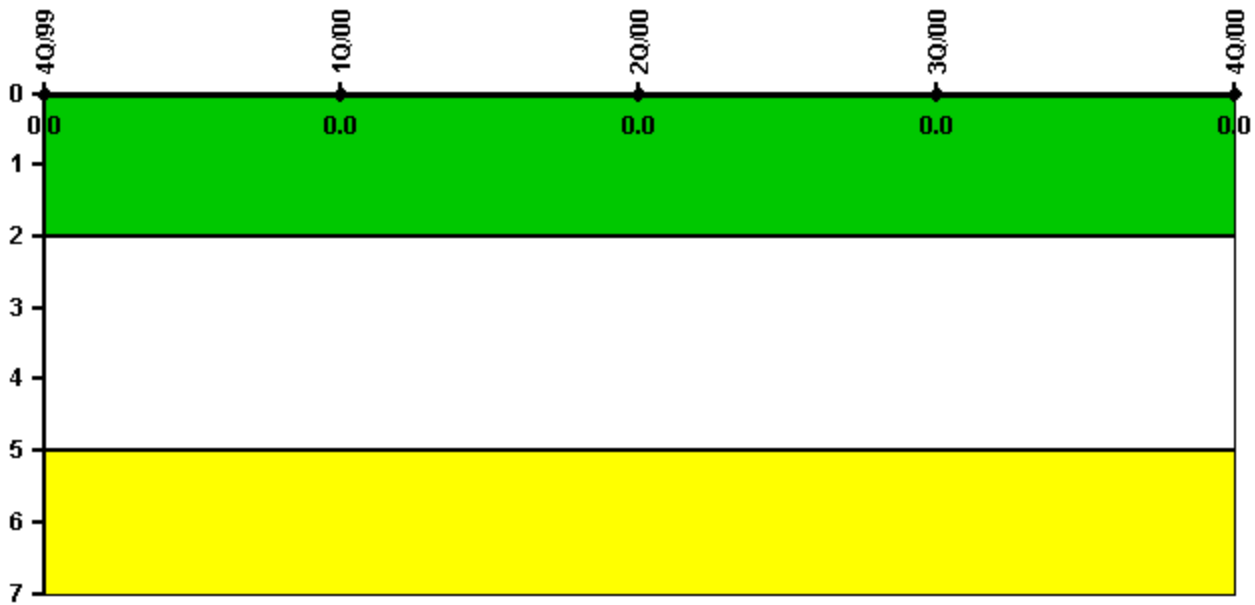
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Program failures | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 |
|---------------------------|-------|-------|-------|-------|-------|
| Program Failures | 0 | 0 | 0 | 0 | 0 |
| | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

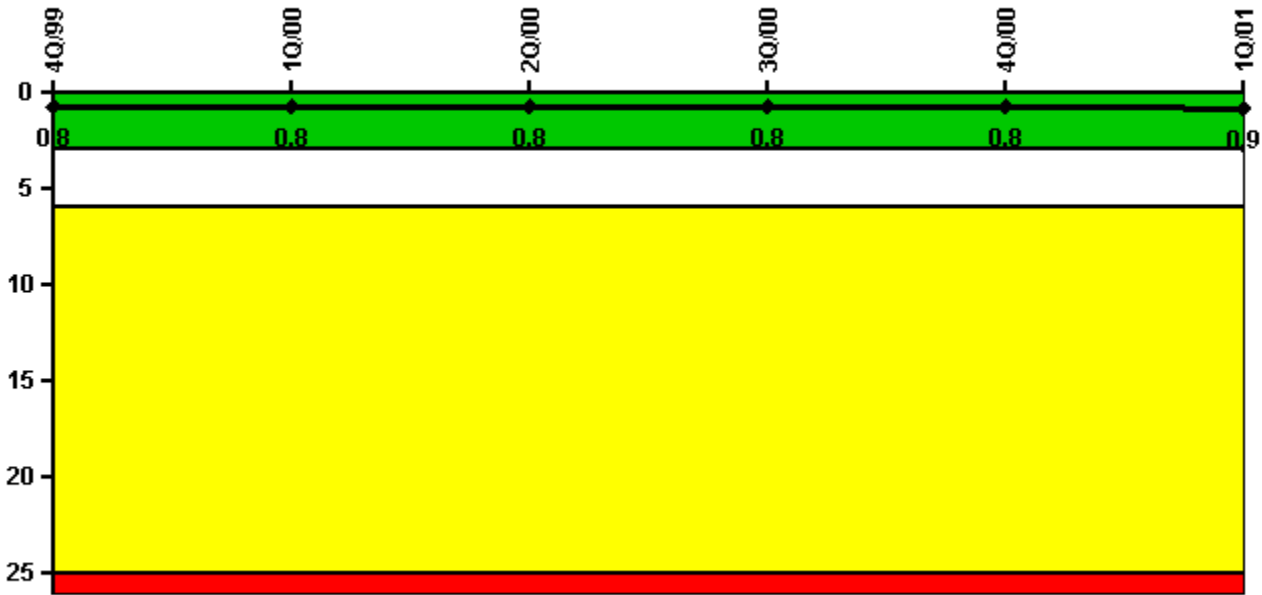
Last Modified: March 28, 2002

Peach Bottom 2

1Q/2001 Performance Indicators

Licensee's General Comments: Change to EP01.

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|--|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2117.9 | 2184.0 | 2147.8 | 1839.1 | 2076.7 | 2160.0 |
| | | | | | | |
| Indicator value | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



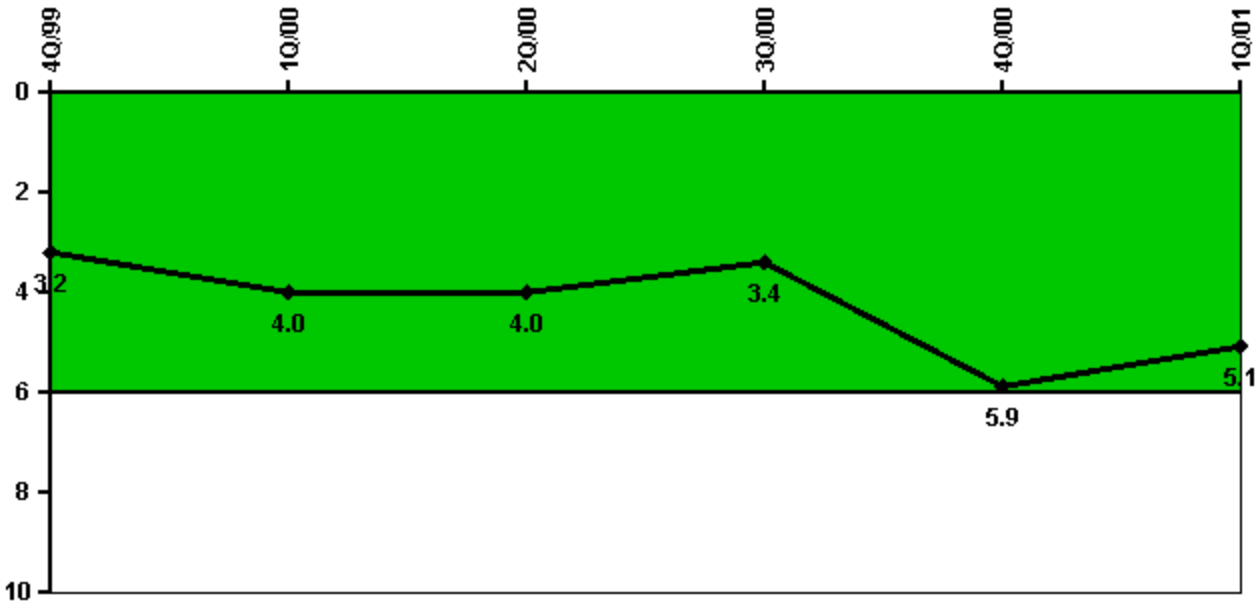
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



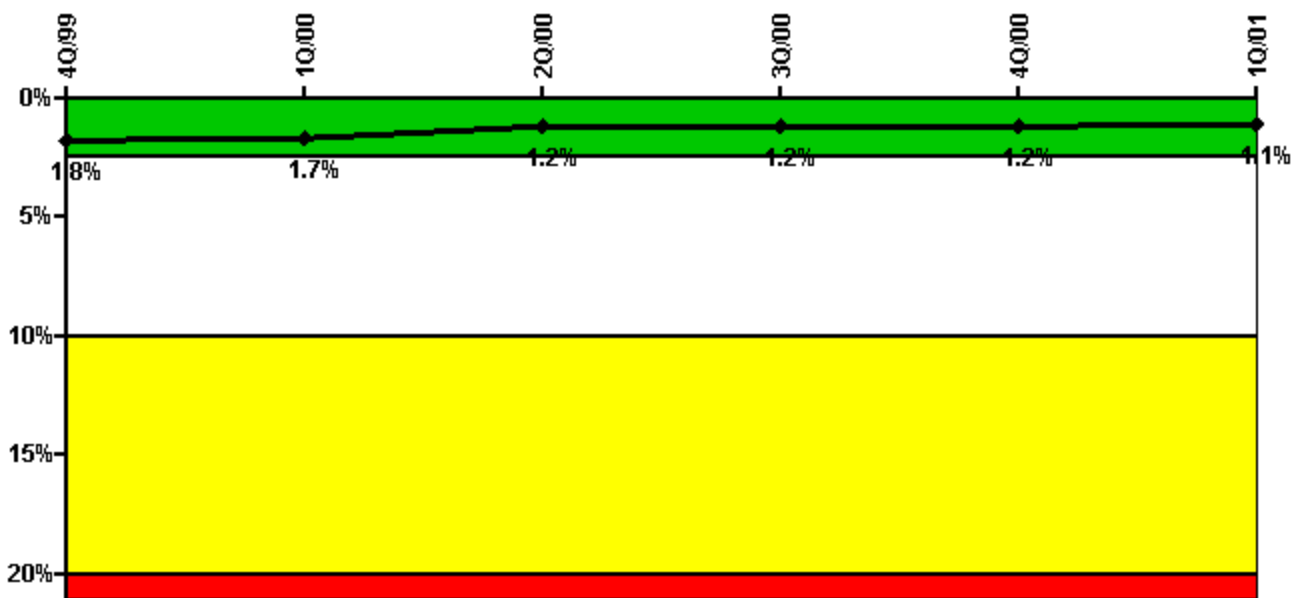
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 1.0 | 1.0 | 2.0 | 3.0 | 0 |
| Critical hours | 2117.9 | 2184.0 | 2147.8 | 1839.1 | 2076.7 | 2160.0 |
| | | | | | | |
| Indicator value | 3.2 | 4.0 | 4.0 | 3.4 | 5.9 | 5.1 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

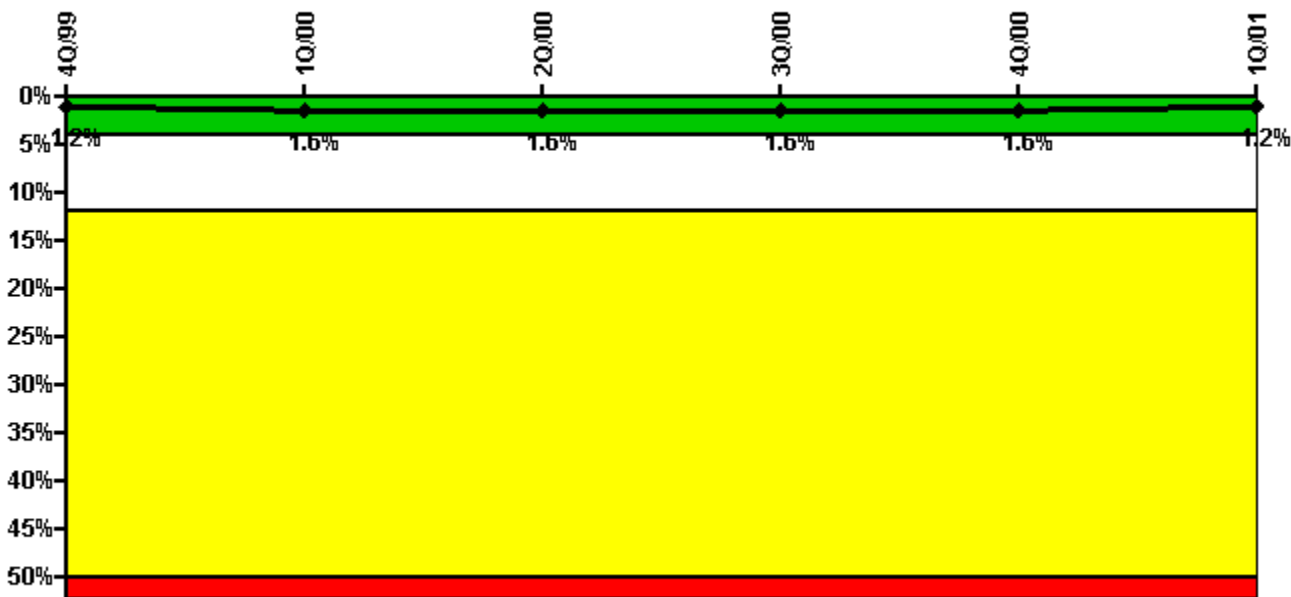
Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 5.75 | 1.75 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 |
| Train 2 | | | | | | |
| Planned unavailable hours | 66.75 | 0 | 0 | 0 | 19.00 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 |
| Train 3 | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 1.00 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 |
| Train 4 | | | | | | |
| Planned unavailable hours | 54.75 | 0 | 0 | 0 | 10.25 | 33.00 |
| Unplanned unavailable hours | 0 | 5.50 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 |
| | | | | | | |
| Indicator value | 1.8% | 1.7% | 1.2% | 1.2% | 1.2% | 1.1% |

Licensee Comments:

1Q/01: IAW NEI 99-02 Rev 0, 94.25 hours of planned unavailability for the 24 month maintenance inspection/overhaul of E3 EDG are not listed.

Safety System Unavailability, High Pressure Injection System (HPCI)



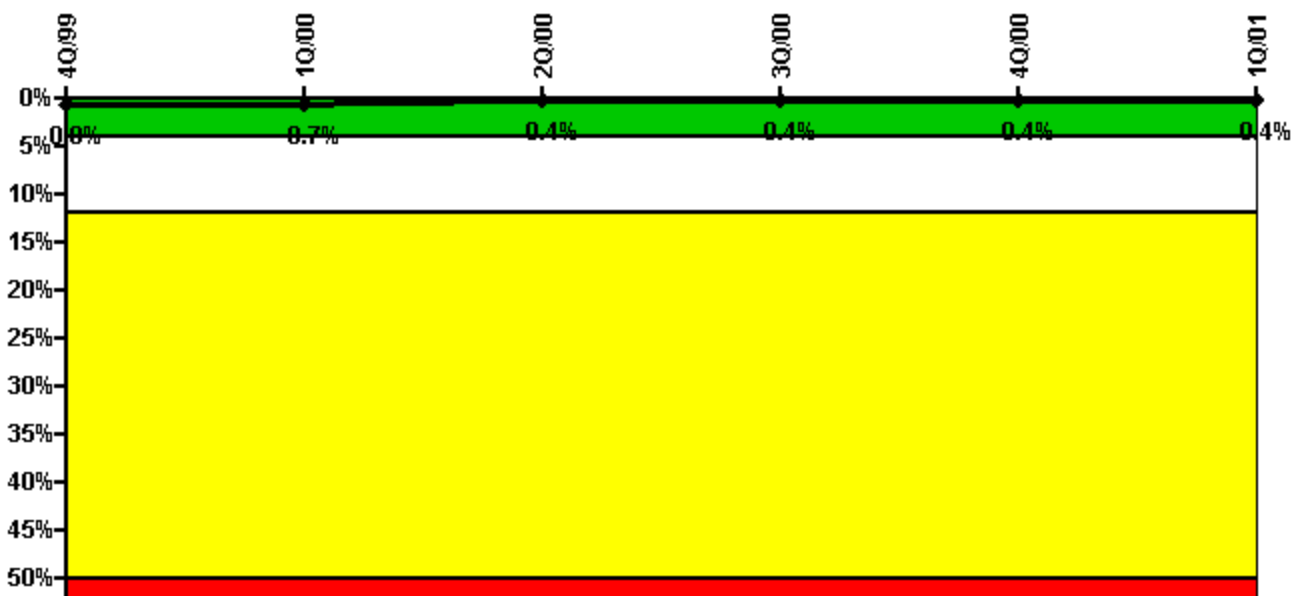
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | |
| Planned unavailable hours | 30.00 | 92.05 | 9.75 | 3.40 | 3.40 | 18.89 |
| Unplanned unavailable hours | 4.50 | 3.30 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2117.90 | 2184.00 | 2147.75 | 1839.08 | 2076.65 | 2160.00 |
| | | | | | | |
| Indicator value | 1.2% | 1.6% | 1.6% | 1.6% | 1.6% | 1.2% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



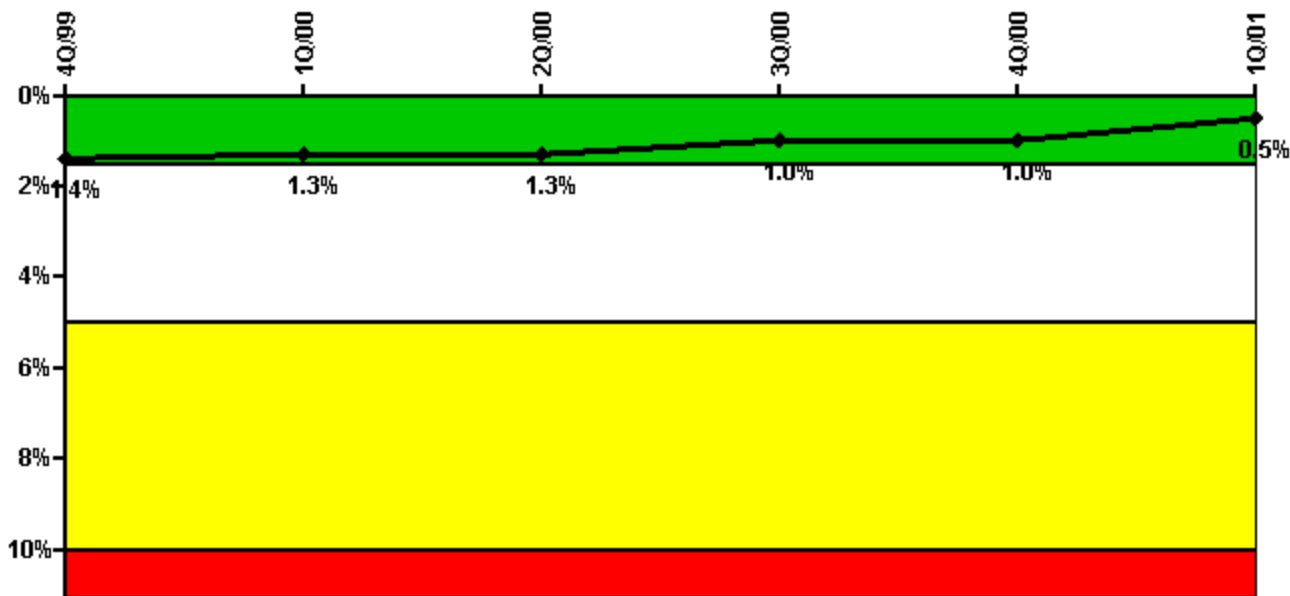
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | |
| Planned unavailable hours | 6.70 | 2.70 | 0 | 6.75 | 2.17 | 17.17 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2117.90 | 2184.00 | 2147.75 | 1839.08 | 2076.65 | 2160.00 |
| | | | | | | |
| Indicator value | 0.8% | 0.7% | 0.4% | 0.4% | 0.4% | 0.4% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



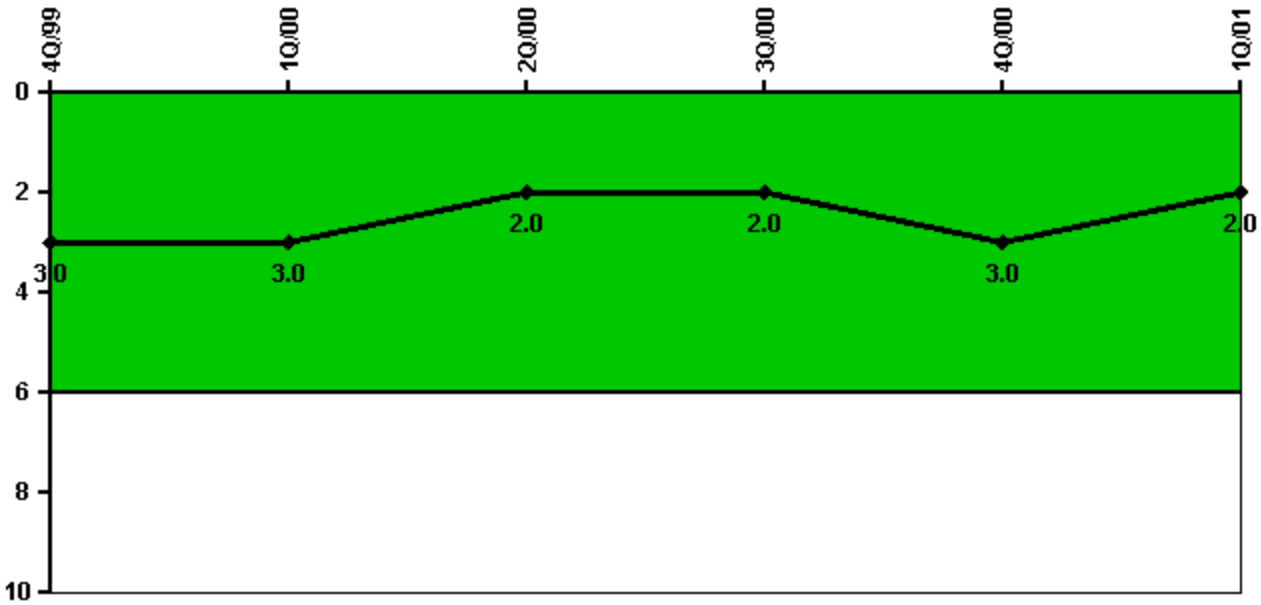
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | |
| Planned unavailable hours | 0 | 13.13 | 0 | 1.67 | 0 | 24.00 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 1.50 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2163.00 | 2065.00 | 2113.75 | 2160.00 |
| Train 2 | | | | | | |
| Planned unavailable hours | 0 | 0.72 | 55.25 | 0 | 0 | 0 |
| Unplanned unavailable hours | 4.50 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 1991.00 | 2190.00 | 2160.00 |
| | | | | | | |
| Indicator value | 1.4% | 1.3% | 1.3% | 1.0% | 1.0% | 0.5% |

Licensee Comments: none

Safety System Functional Failures (BWR)



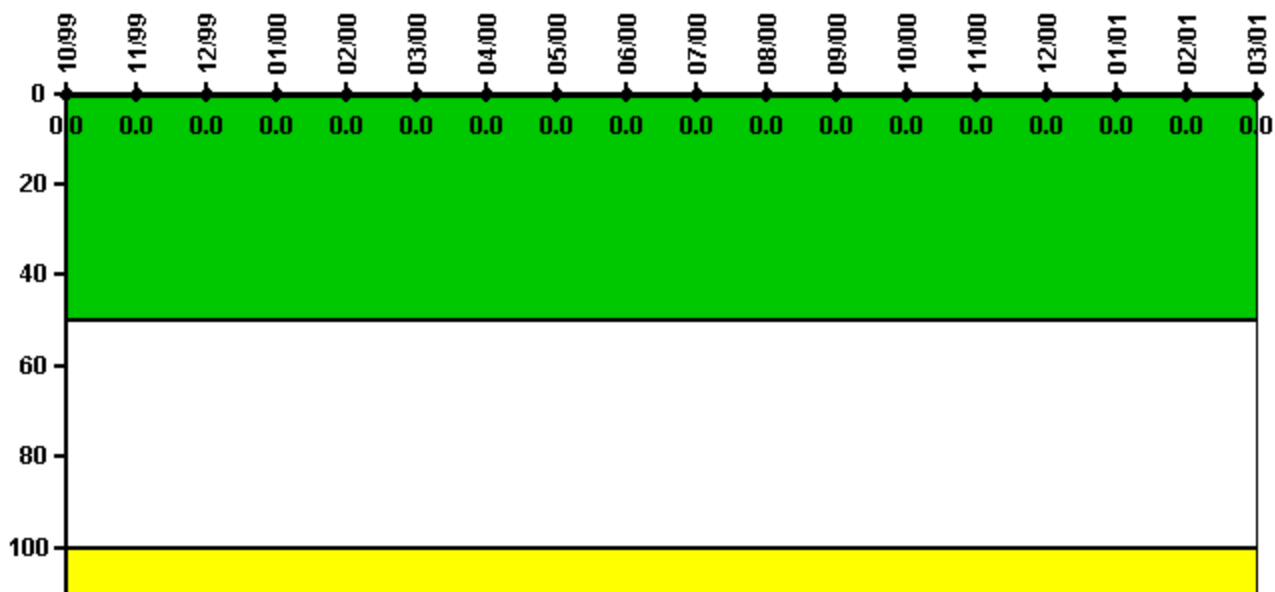
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 1 | 0 | 1 | 1 | 0 |
| Indicator value | 3 | 3 | 2 | 2 | 3 | 2 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

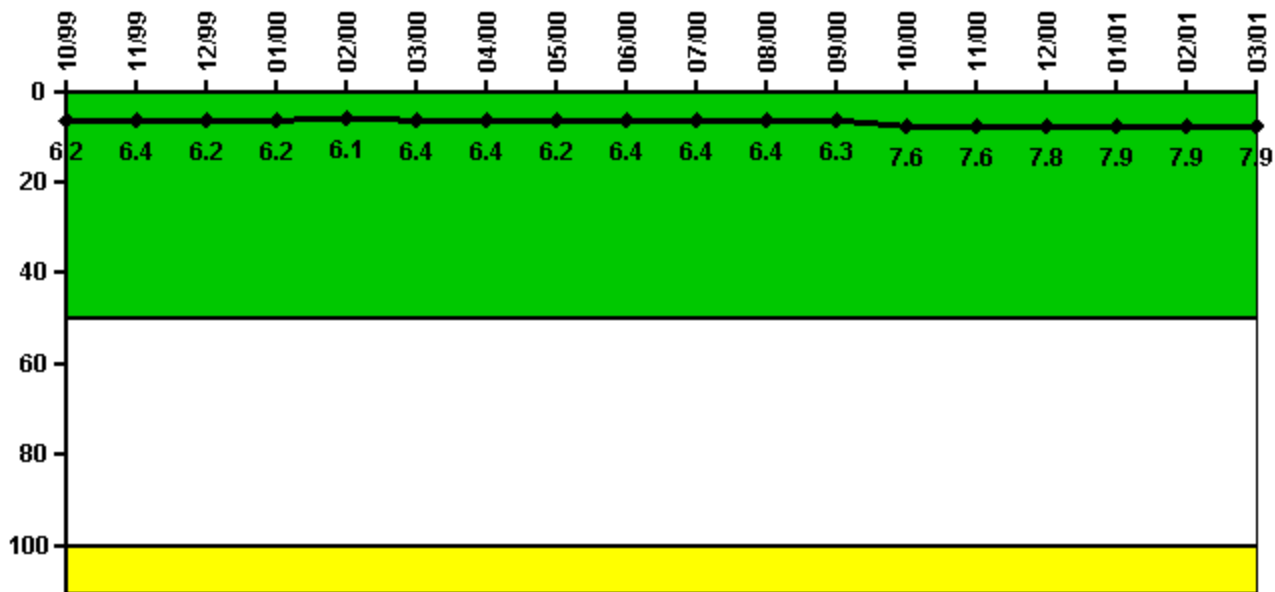
Notes

| Reactor Coolant System Activity | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000082 | 0.000004 | 0.000002 | 0.000010 | 0.000002 | 0.000006 | 0.000004 | 0.000008 | 0.000004 | 0.000008 | 0.000011 | 0.000002 |
| 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 | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 |
|---------------------------------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000013 | 0.000006 | 0.000003 | 0.000004 | 0.000008 | 0.000007 |
| Technical specification limit | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

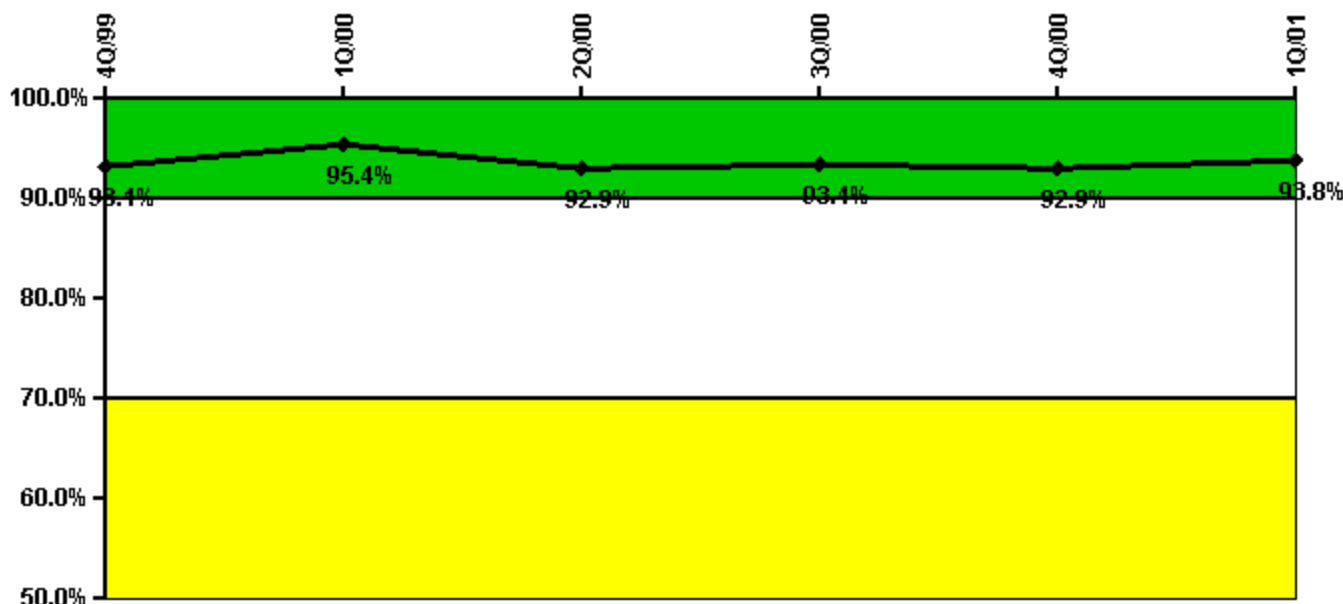
Notes

| Reactor Coolant System Leakage | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.560 | 1.590 | 1.540 | 1.540 | 1.530 | 1.590 | 1.590 | 1.560 | 1.590 | 1.600 | 1.600 | 1.570 |
| 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 | 6.2 | 6.4 | 6.2 | 6.2 | 6.1 | 6.4 | 6.4 | 6.2 | 6.4 | 6.4 | 6.4 | 6.3 |

| Reactor Coolant System Leakage | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.890 | 1.910 | 1.940 | 1.970 | 1.970 | 1.970 |
| Technical specification limit | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| Indicator value | 7.6 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

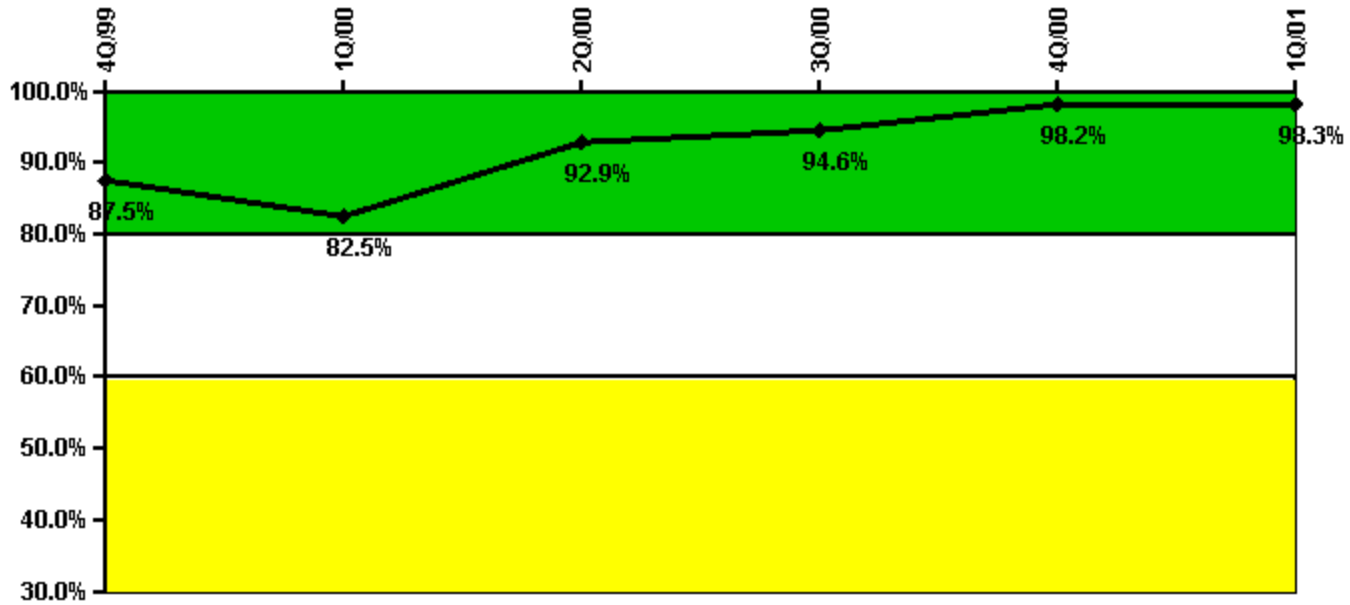
| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|----------------------------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 6.0 | 0 | 36.0 | 16.0 | 2.0 | 31.0 |
| Total opportunities | 6.0 | 0 | 40.0 | 18.0 | 2.0 | 32.0 |
| | | | | | | |
| Indicator value | 93.1% | 95.4% | 92.9% | 93.4% | 92.9% | 93.8% |

Licensee Comments:

1Q/01: A total of one opportunity was removed from the database for drills covering the period of 6/14/00 to 02/15/01 because it was determined to be an invalid notification opportunity.TL A total of one opportunity was removed from the data base for the period of January 1, 2001 and January 31, 2001 because it was determined to be an unscheduled remediation session. CGH

1Q/01: A total of one opportunity was removed from the database for drills covering the period of 6/14/00 to 02/15/01 because it was determined to be an invalid notification opportunity.TL

ERO Drill Participation



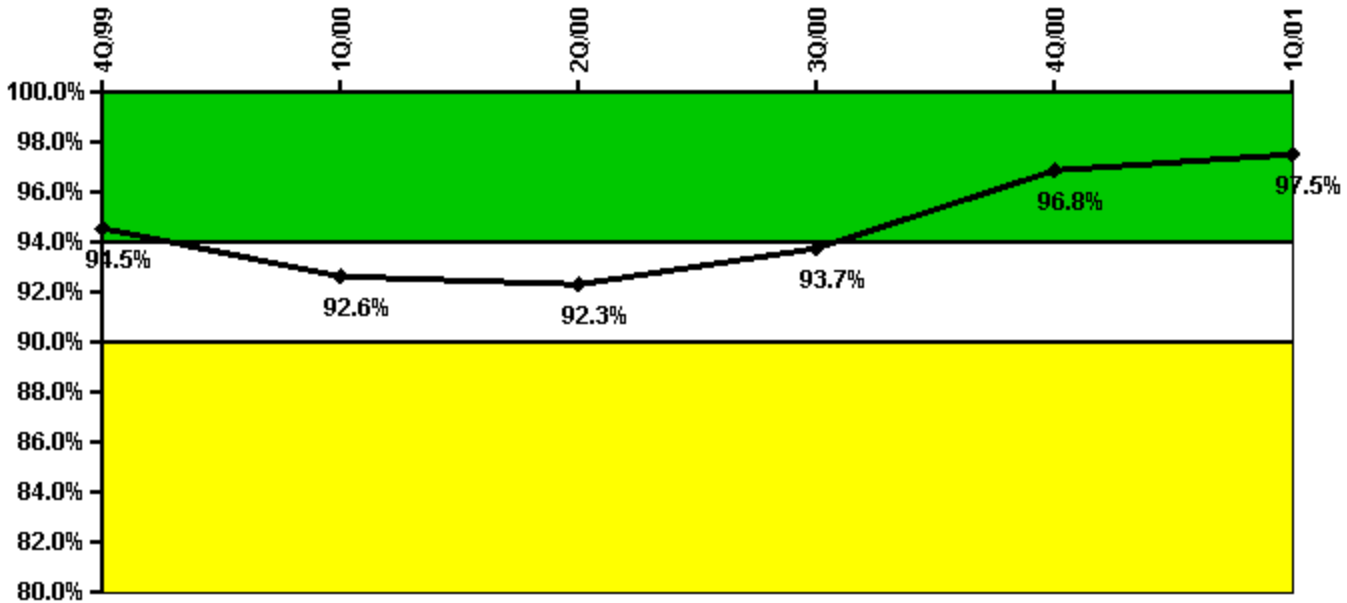
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 56.0 | 52.0 | 52.0 | 53.0 | 54.0 | 57.0 |
| Total Key personnel | 64.0 | 63.0 | 56.0 | 56.0 | 55.0 | 58.0 |
| | | | | | | |
| Indicator value | 87.5% | 82.5% | 92.9% | 94.6% | 98.2% | 98.3% |

Licensee Comments: none

Alert & Notification System



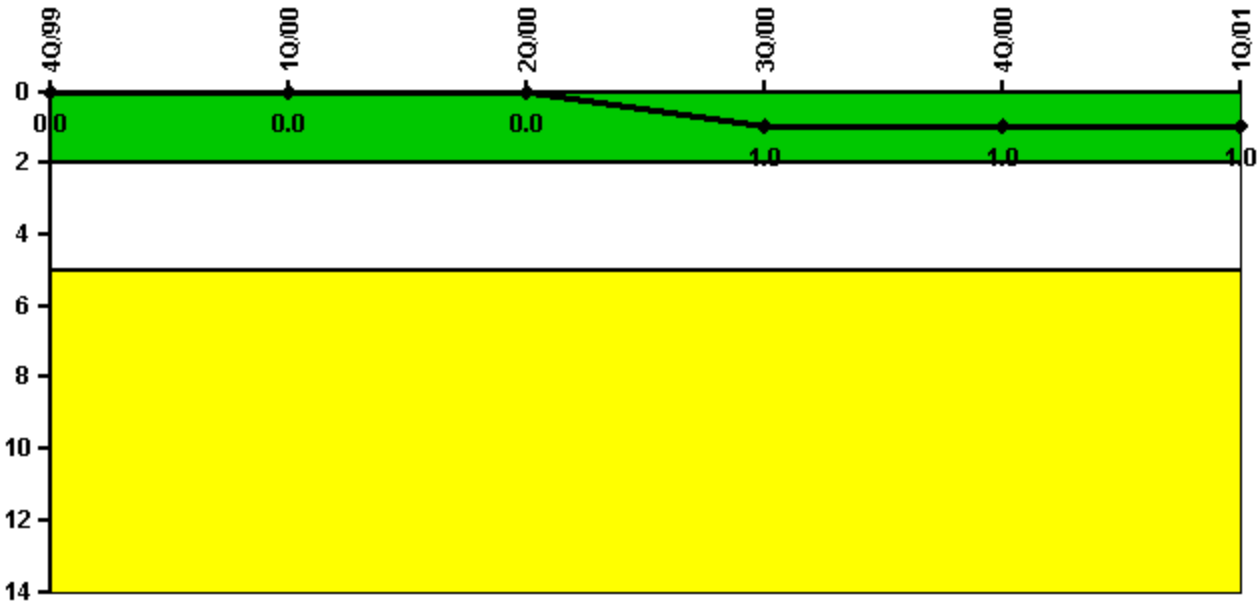
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 260 | 259 | 547 | 1479 | 2505 | 1239 |
| Total sirens-tests | 291 | 291 | 582 | 1552 | 2522 | 1261 |
| | | | | | | |
| Indicator value | 94.5% | 92.6% | 92.3% | 93.7% | 96.8% | 97.5% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



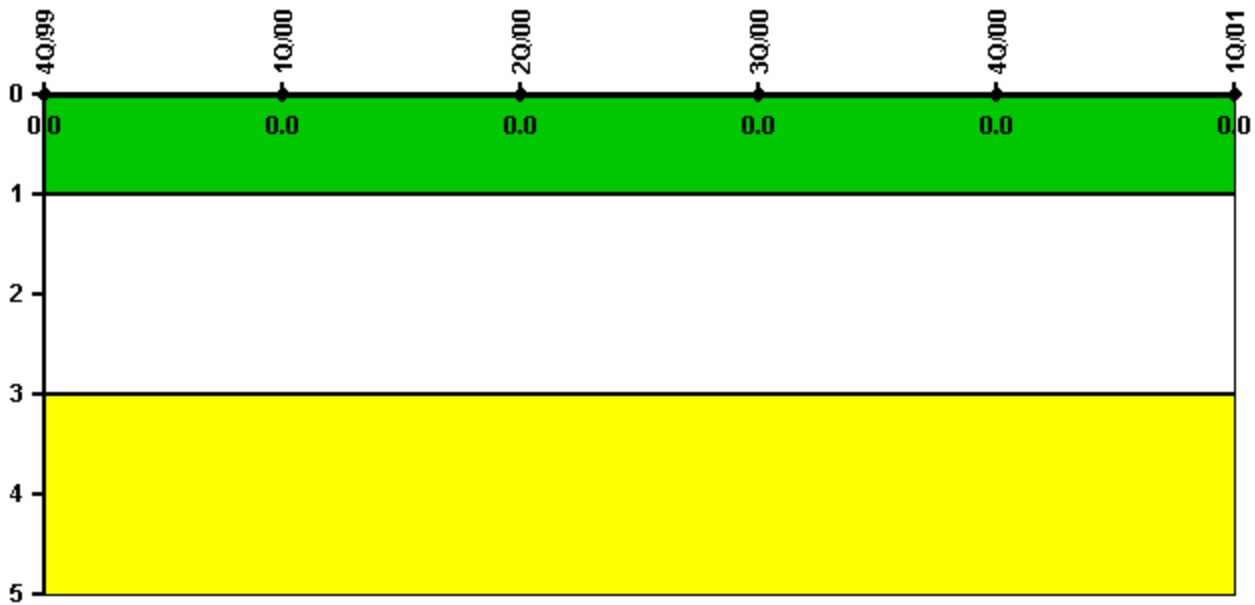
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 |
| Very high radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 |
| Unintended exposure occurrences | 0 | 0 | 0 | 1 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 1 | 1 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



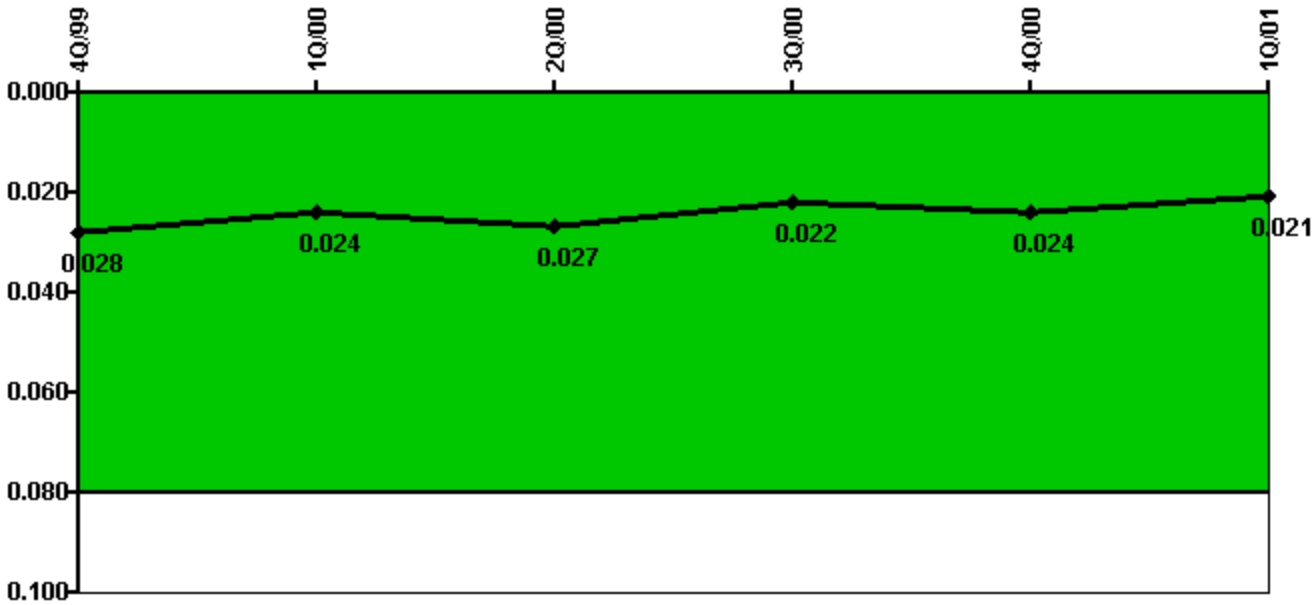
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---------------------------------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 130.90 | 167.60 | 206.00 | 94.80 | 152.20 | 168.00 |
| CCTV compensatory hours | 2.6 | 58.0 | 6.4 | 12.6 | 20.7 | 0.4 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | |
| Index Value | 0.028 | 0.024 | 0.027 | 0.022 | 0.024 | 0.021 |

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 |
|---------------------------|-------|-------|-------|-------|-------|-------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

Last Modified: March 28, 2002

Peach Bottom 2

2Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



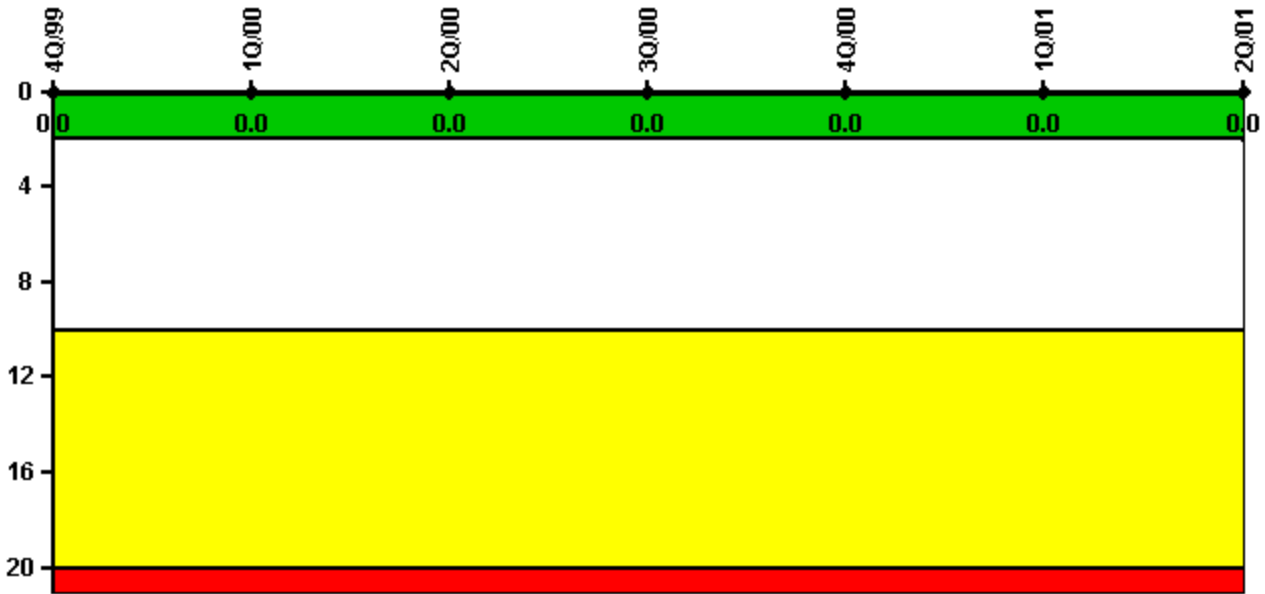
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|--|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2117.9 | 2184.0 | 2147.8 | 1839.1 | 2076.7 | 2160.0 | 2183.0 |
| | | | | | | | |
| Indicator value | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 0.8 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



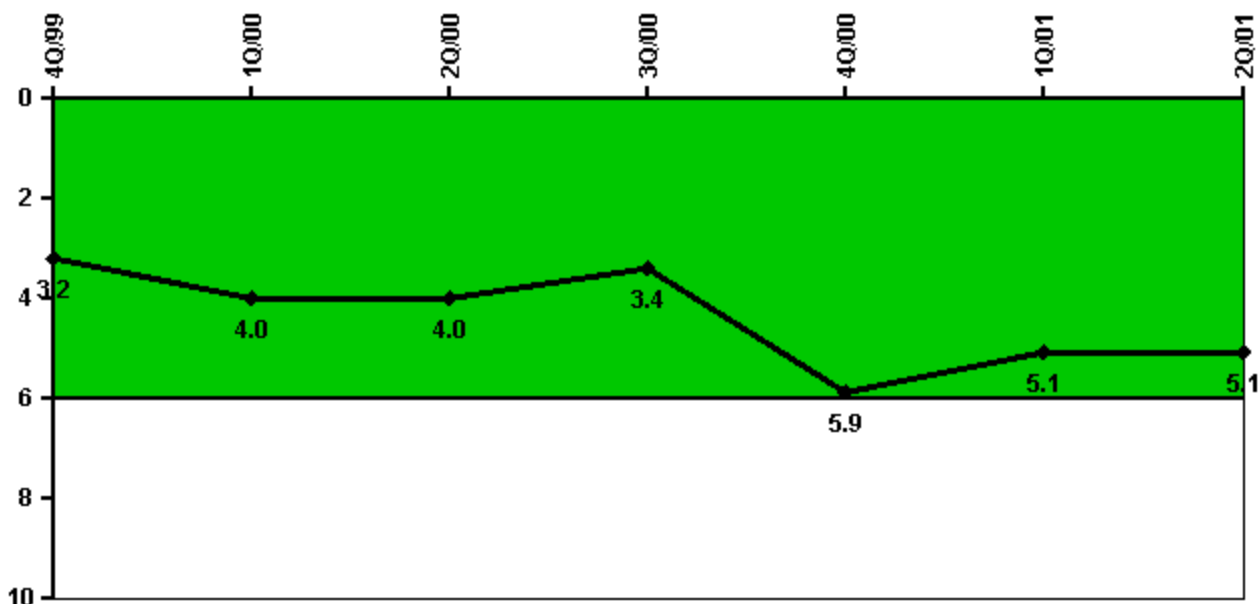
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



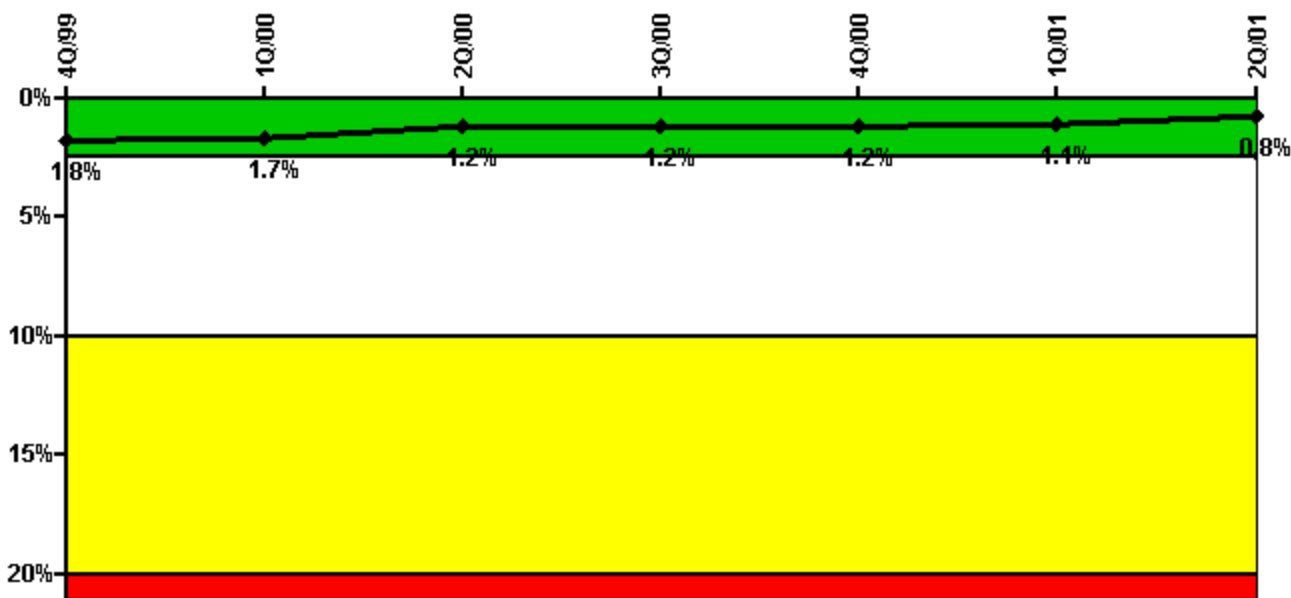
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 1.0 | 1.0 | 2.0 | 3.0 | 0 | 1.0 |
| Critical hours | 2117.9 | 2184.0 | 2147.8 | 1839.1 | 2076.7 | 2160.0 | 2183.0 |
| Indicator value | 3.2 | 4.0 | 4.0 | 3.4 | 5.9 | 5.1 | 5.1 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

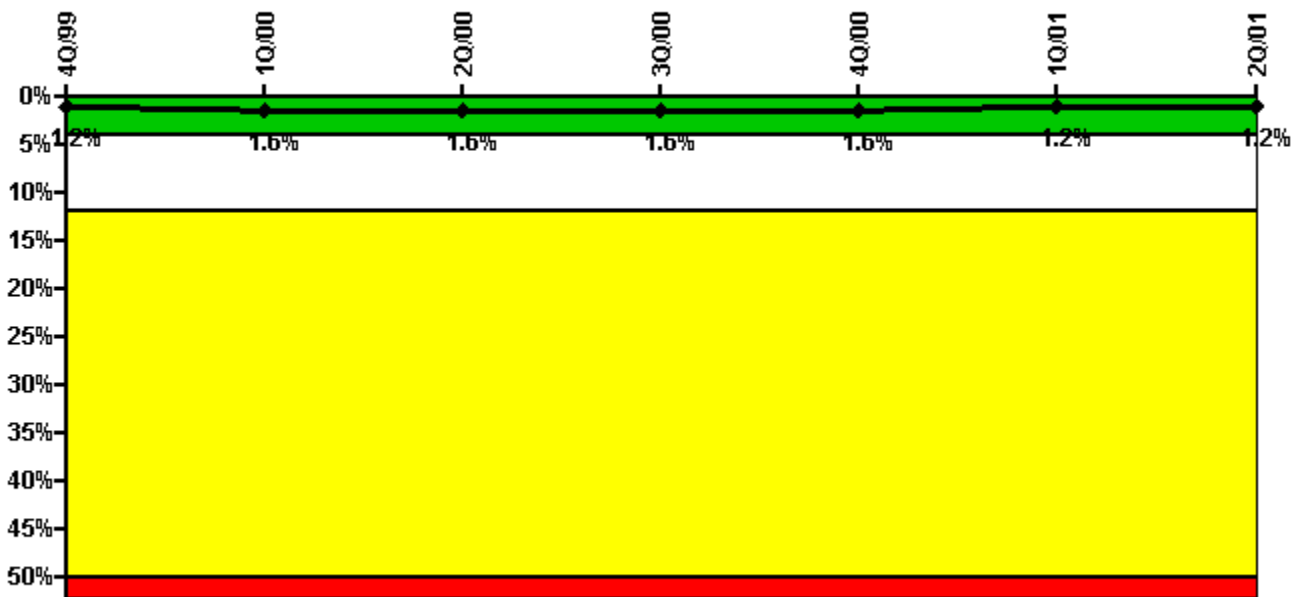
Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 5.75 | 1.75 | 0 | 12.75 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 |
| Train 2 | | | | | | | |
| Planned unavailable hours | 66.75 | 0 | 0 | 0 | 19.00 | 0 | 8.00 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 |
| Train 3 | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 1.00 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 |
| Train 4 | | | | | | | |
| Planned unavailable hours | 54.75 | 0 | 0 | 0 | 10.25 | 33.00 | 0 |
| Unplanned unavailable hours | 0 | 5.50 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 |
| | | | | | | | |
| Indicator value | 1.8% | 1.7% | 1.2% | 1.2% | 1.2% | 1.1% | 0.8% |

Licensee Comments:

2Q/01: IAW NEI 99-02 rev 0, 93.5 hours of planned, scheduled maintenance inspection TSA hours for E1 D/G in June not listed.

Safety System Unavailability, High Pressure Injection System (HPCI)



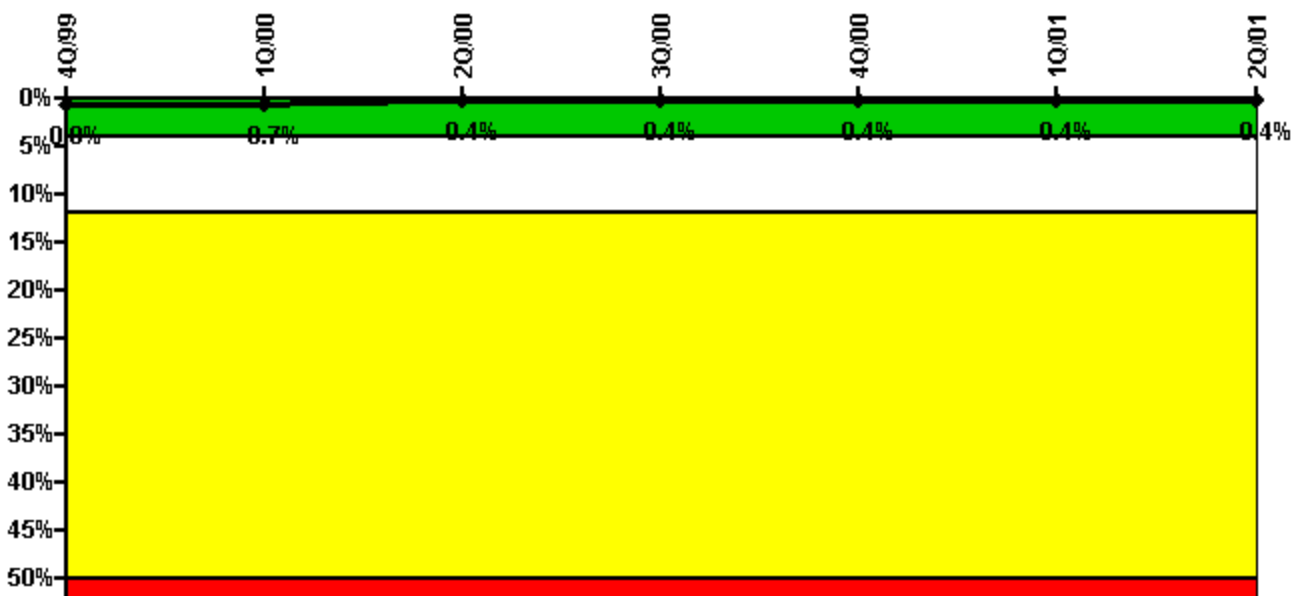
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | |
| Planned unavailable hours | 30.00 | 92.05 | 9.75 | 3.40 | 3.40 | 18.89 | 3.20 |
| Unplanned unavailable hours | 4.50 | 3.30 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2117.90 | 2184.00 | 2147.75 | 1839.08 | 2076.65 | 2160.00 | 2183.00 |
| | | | | | | | |
| Indicator value | 1.2% | 1.6% | 1.6% | 1.6% | 1.6% | 1.2% | 1.2% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



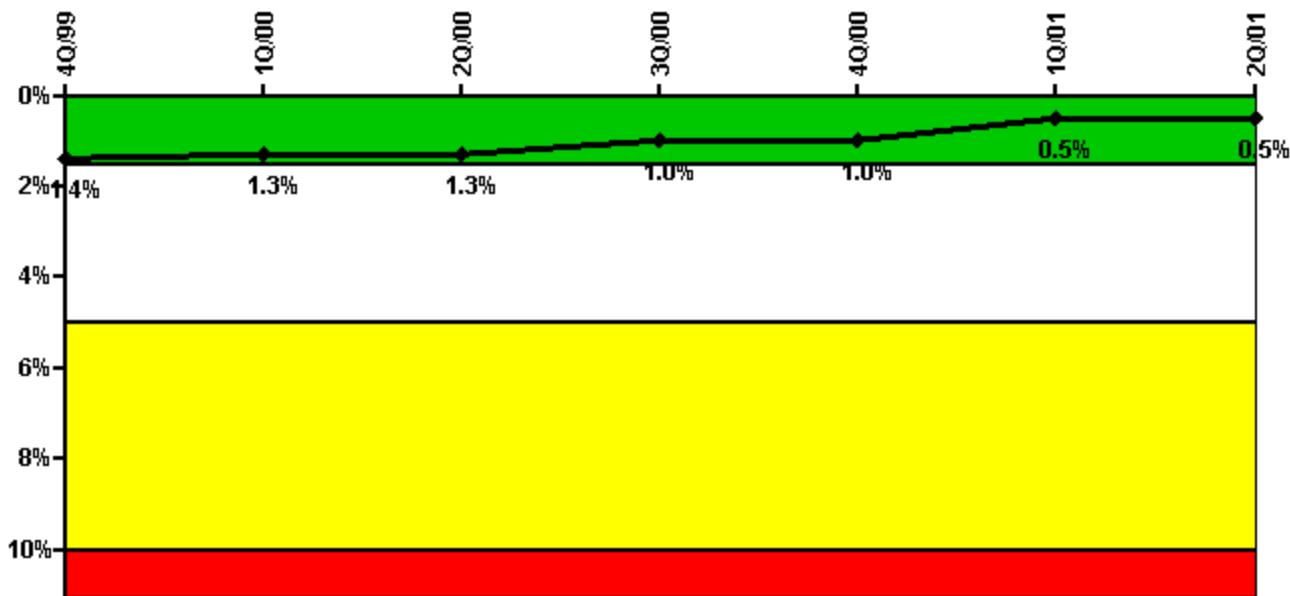
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | |
| Planned unavailable hours | 6.70 | 2.70 | 0 | 6.75 | 2.17 | 17.17 | 2.20 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2117.90 | 2184.00 | 2147.75 | 1839.08 | 2076.65 | 2160.00 | 2183.00 |
| | | | | | | | |
| Indicator value | 0.8% | 0.7% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



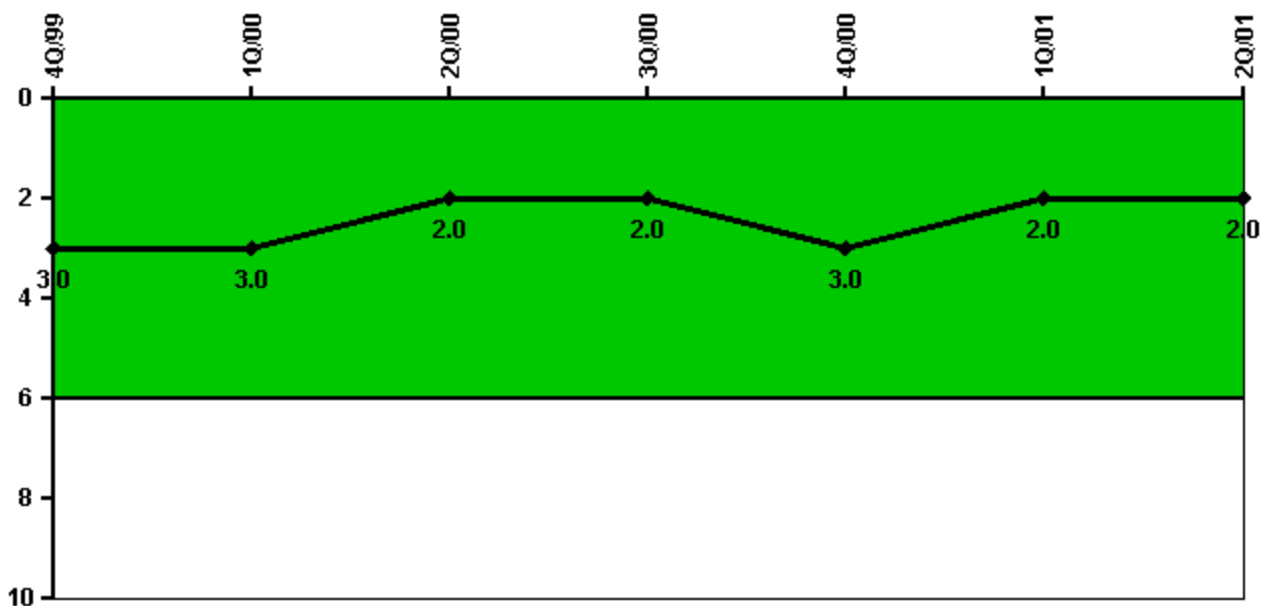
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | |
| Planned unavailable hours | 0 | 13.13 | 0 | 1.67 | 0 | 24.00 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 1.50 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2163.00 | 2065.00 | 2113.75 | 2160.00 | 2183.00 |
| Train 2 | | | | | | | |
| Planned unavailable hours | 0 | 0.72 | 55.25 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 4.50 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 1991.00 | 2190.00 | 2160.00 | 2183.00 |
| | | | | | | | |
| Indicator value | 1.4% | 1.3% | 1.3% | 1.0% | 1.0% | 0.5% | 0.5% |

Licensee Comments: none

Safety System Functional Failures (BWR)



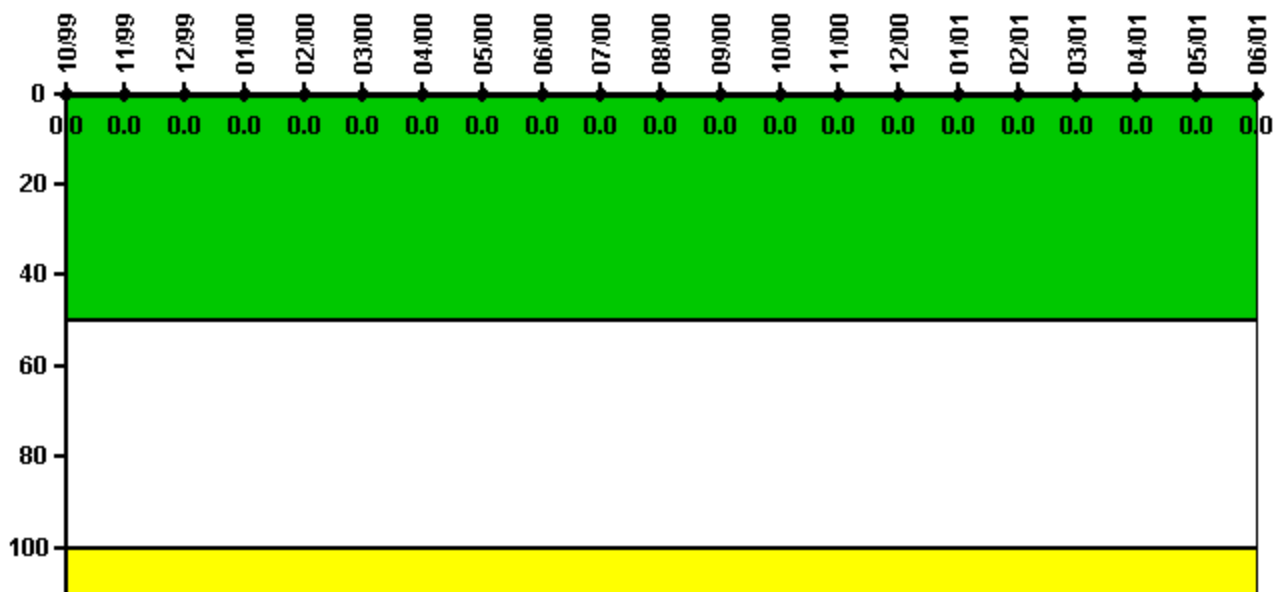
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| | | | | | | | |
| Indicator value | 3 | 3 | 2 | 2 | 3 | 2 | 2 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

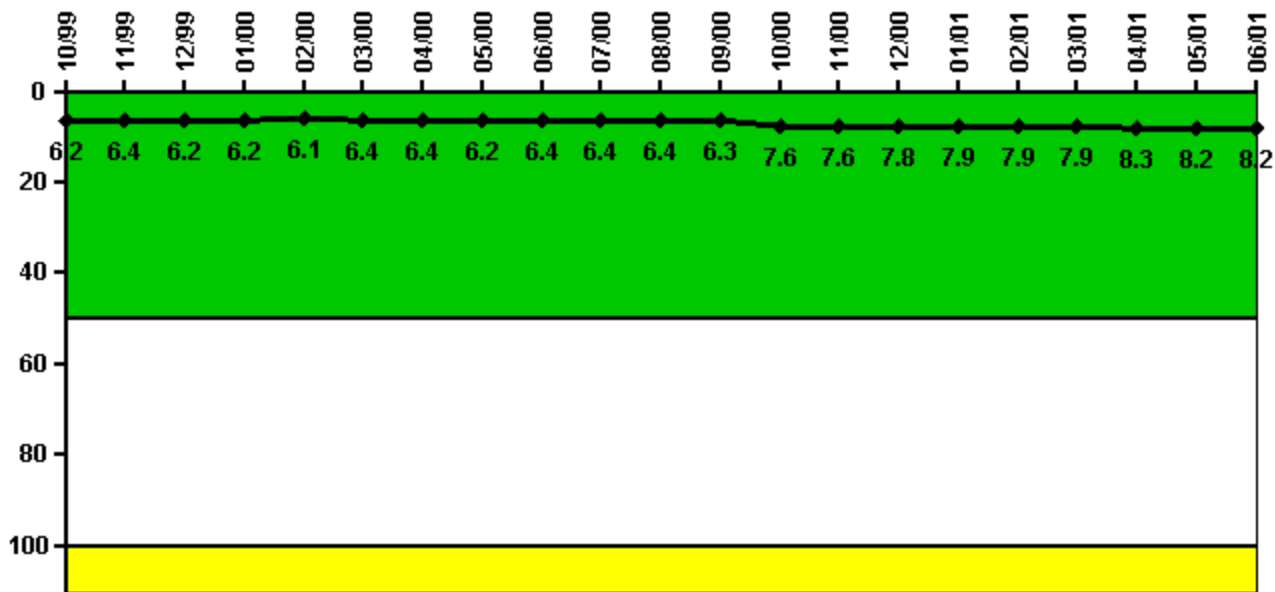
Notes

| Reactor Coolant System Activity | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000082 | 0.000004 | 0.000002 | 0.000010 | 0.000002 | 0.000006 | 0.000004 | 0.000008 | 0.000004 | 0.000008 | 0.000011 | 0.000002 |
| 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 | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000013 | 0.000006 | 0.000003 | 0.000004 | 0.000008 | 0.000007 | 0.000007 | 0.000003 | 0.000006 |
| Technical specification limit | 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 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

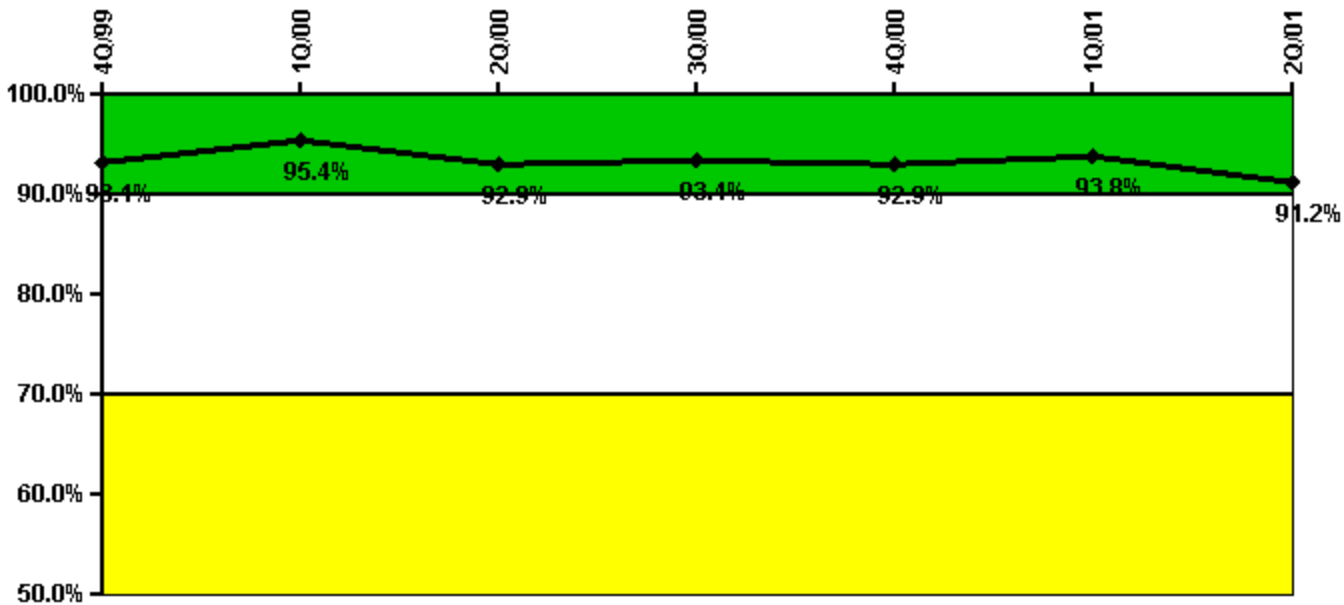
Notes

| Reactor Coolant System Leakage | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.560 | 1.590 | 1.540 | 1.540 | 1.530 | 1.590 | 1.590 | 1.560 | 1.590 | 1.600 | 1.600 | 1.570 |
| 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 | 6.2 | 6.4 | 6.2 | 6.2 | 6.1 | 6.4 | 6.4 | 6.2 | 6.4 | 6.4 | 6.4 | 6.3 |

| Reactor Coolant System Leakage | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.890 | 1.910 | 1.940 | 1.970 | 1.970 | 1.970 | 2.080 | 2.040 | 2.040 |
| Technical specification limit | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| Indicator value | 7.6 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 8.3 | 8.2 | 8.2 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

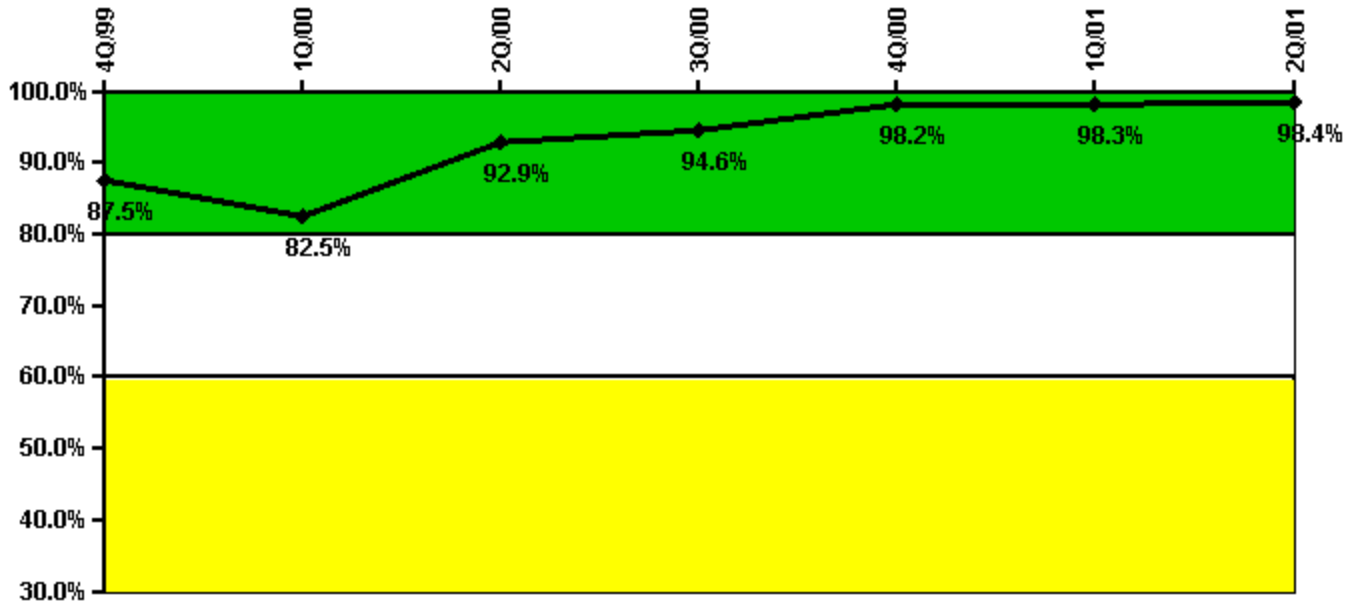
| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 6.0 | 0 | 36.0 | 16.0 | 2.0 | 31.0 | 13.0 |
| Total opportunities | 6.0 | 0 | 40.0 | 18.0 | 2.0 | 32.0 | 16.0 |
| Indicator value | 93.1% | 95.4% | 92.9% | 93.4% | 92.9% | 93.8% | 91.2% |

Licensee Comments:

1Q/01: A total of one opportunity was removed from the database for drills covering the period of 6/14/00 to 02/15/01 because it was determined to be an invalid notification opportunity.TL A total of one opportunity was removed from the data base for the period of January 1, 2001 and January 31, 2001 because it was determined to be an unscheduled remediation session. CGH

1Q/01: A total of one opportunity was removed from the database for drills covering the period of 6/14/00 to 02/15/01 because it was determined to be an invalid notification opportunity.TL

ERO Drill Participation



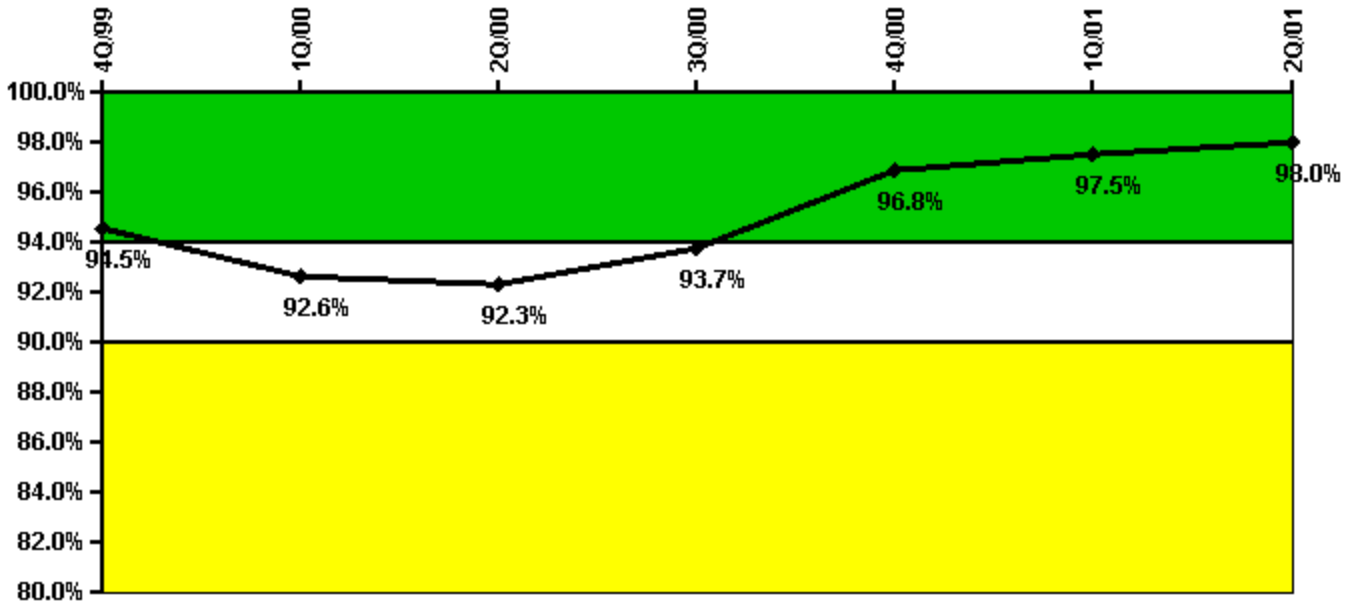
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 56.0 | 52.0 | 52.0 | 53.0 | 54.0 | 57.0 | 63.0 |
| Total Key personnel | 64.0 | 63.0 | 56.0 | 56.0 | 55.0 | 58.0 | 64.0 |
| | | | | | | | |
| Indicator value | 87.5% | 82.5% | 92.9% | 94.6% | 98.2% | 98.3% | 98.4% |

Licensee Comments: none

Alert & Notification System



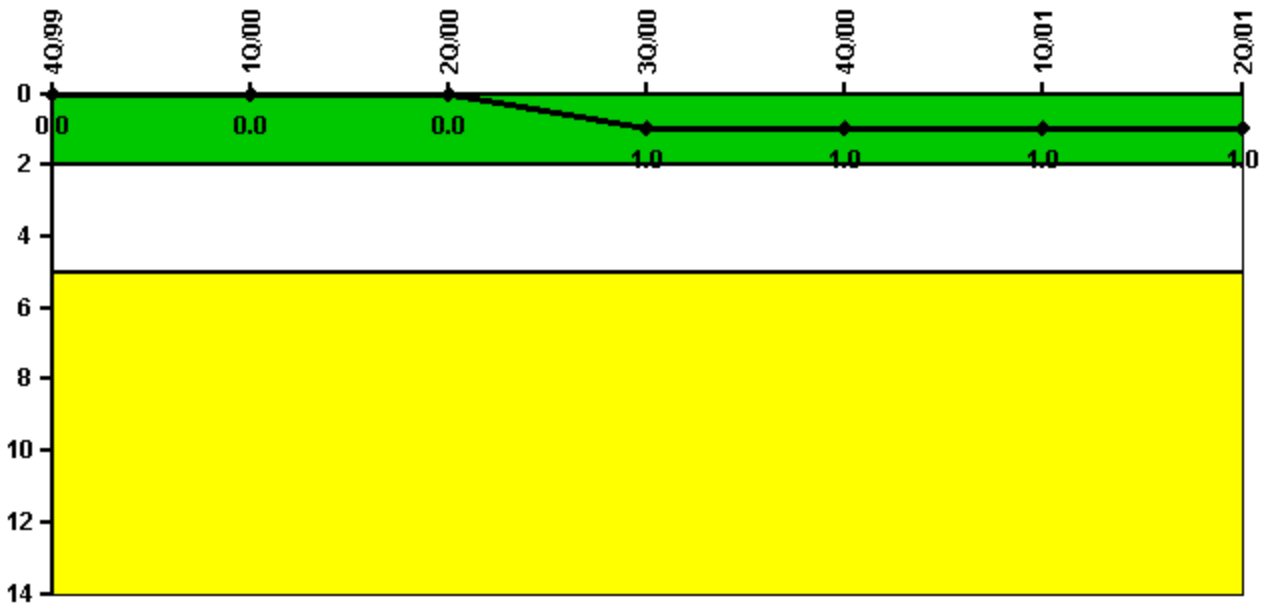
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 260 | 259 | 547 | 1479 | 2505 | 1239 | 1240 |
| Total sirens-tests | 291 | 291 | 582 | 1552 | 2522 | 1261 | 1261 |
| | | | | | | | |
| Indicator value | 94.5% | 92.6% | 92.3% | 93.7% | 96.8% | 97.5% | 98.0% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



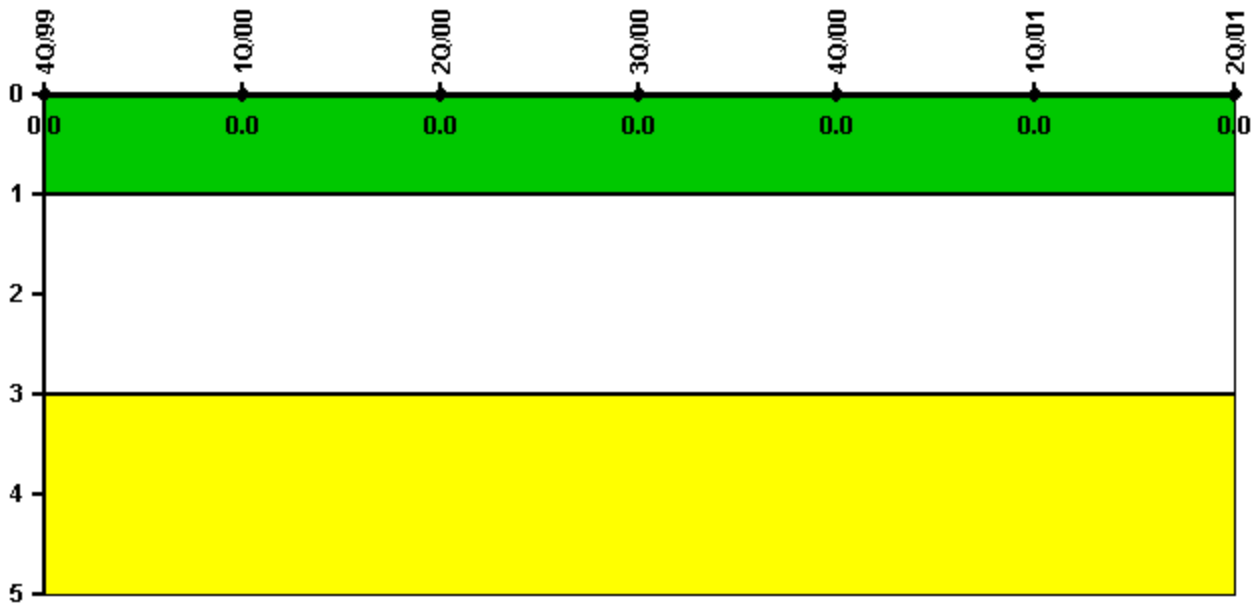
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 1 | 1 | 1 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



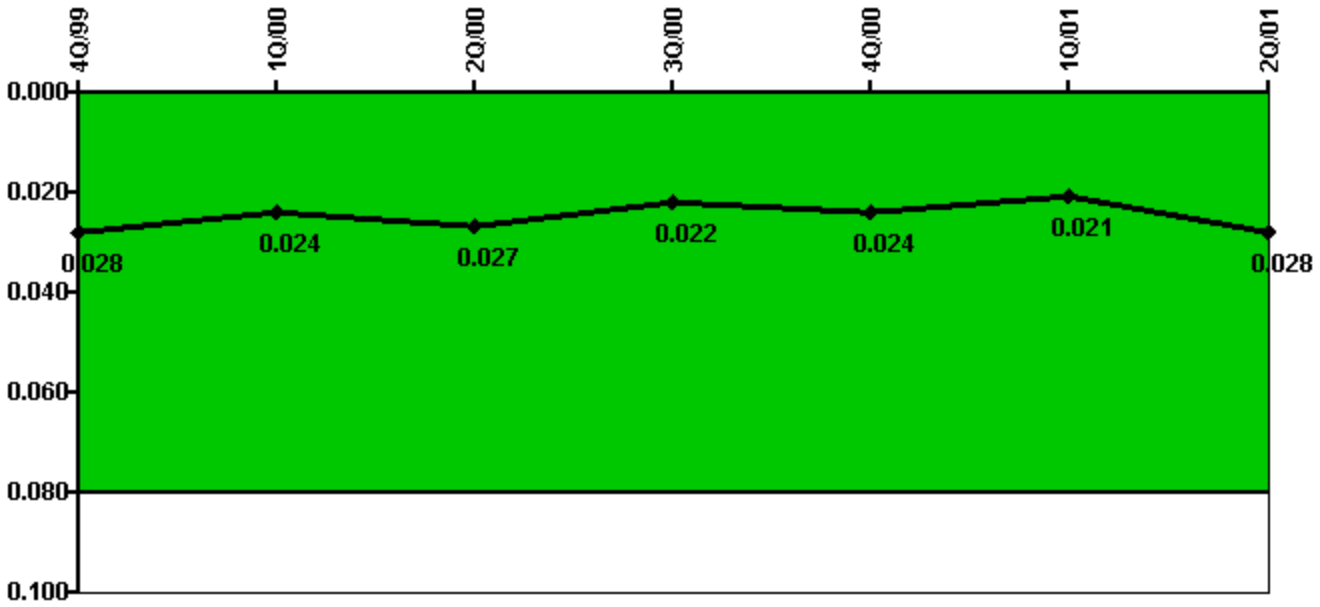
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



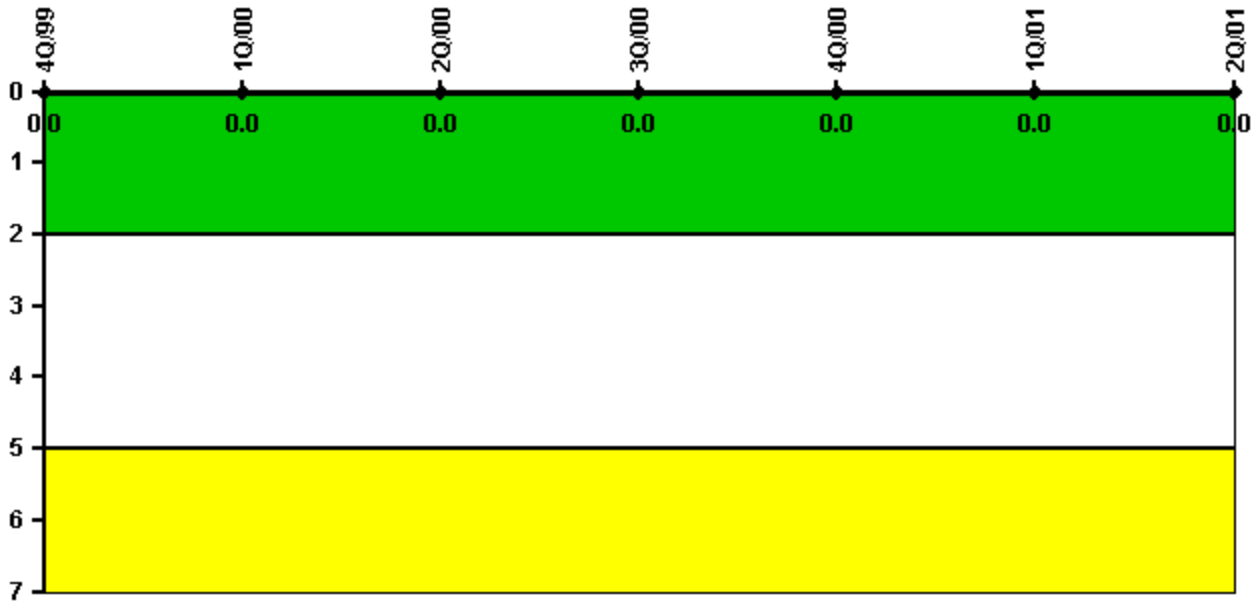
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 130.90 | 167.60 | 206.00 | 94.80 | 152.20 | 168.00 | 435.40 |
| CCTV compensatory hours | 2.6 | 58.0 | 6.4 | 12.6 | 20.7 | 0.4 | 4.4 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | | |
| Index Value | 0.028 | 0.024 | 0.027 | 0.022 | 0.024 | 0.021 | 0.028 |

Licensee Comments: none

Personnel Screening Program



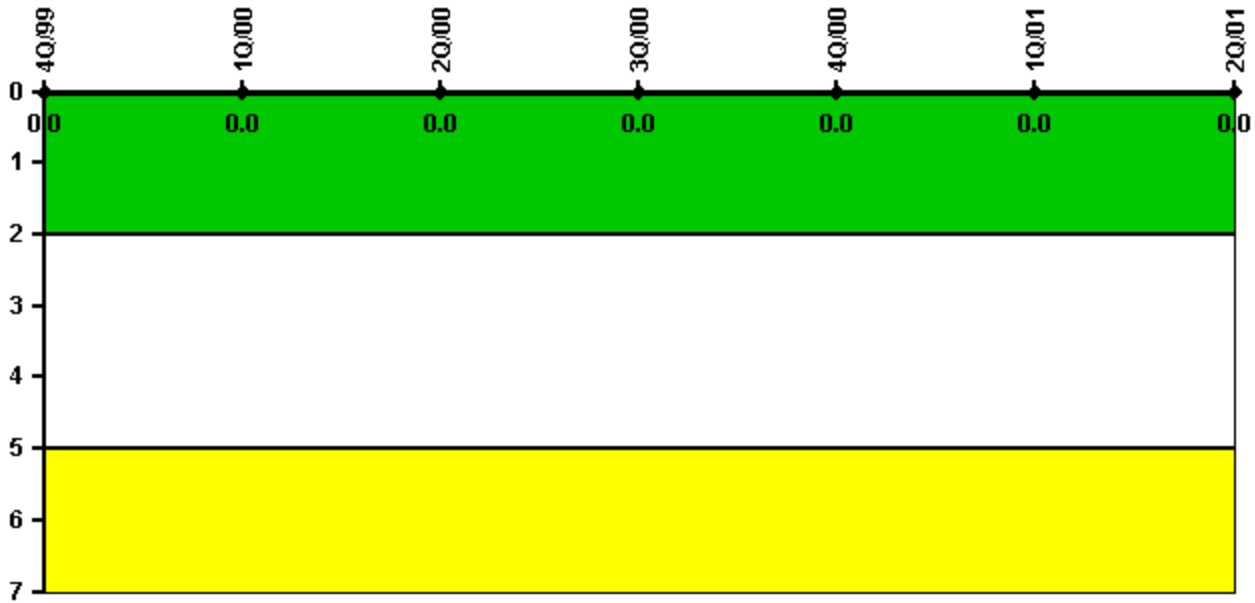
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

Last Modified: March 27, 2002

Peach Bottom 2

3Q/2001 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/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2117.9 | 2184.0 | 2147.8 | 1839.1 | 2076.7 | 2160.0 | 2183.0 | 2161.1 |
| | | | | | | | | |
| Indicator value | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 0.8 | 0.8 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



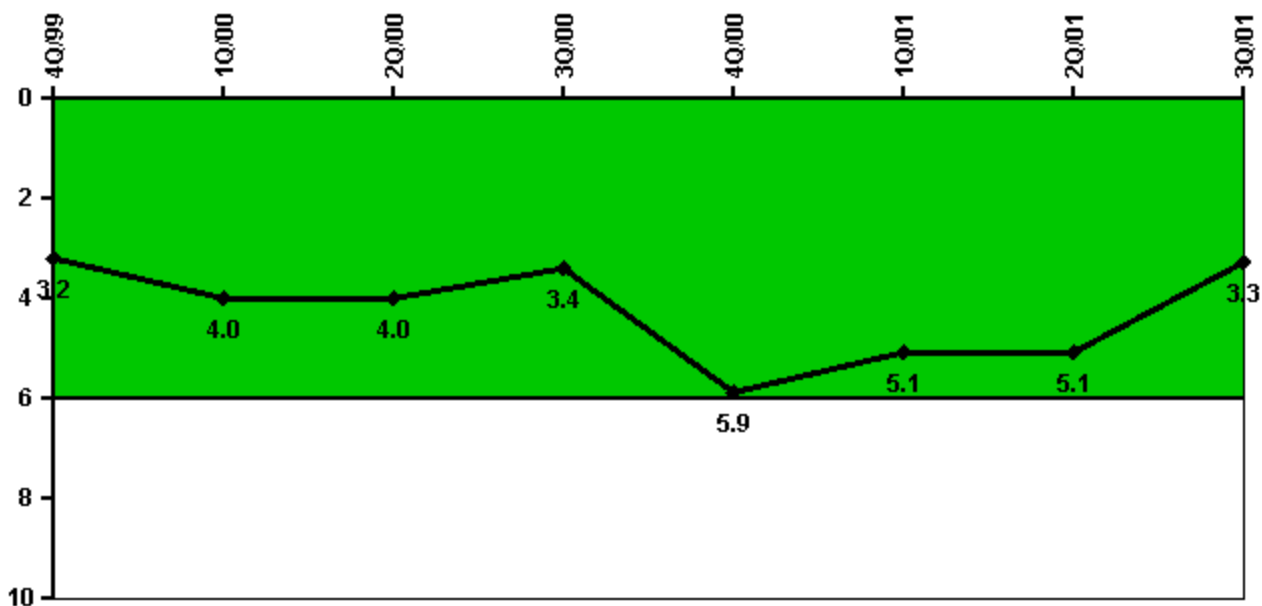
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



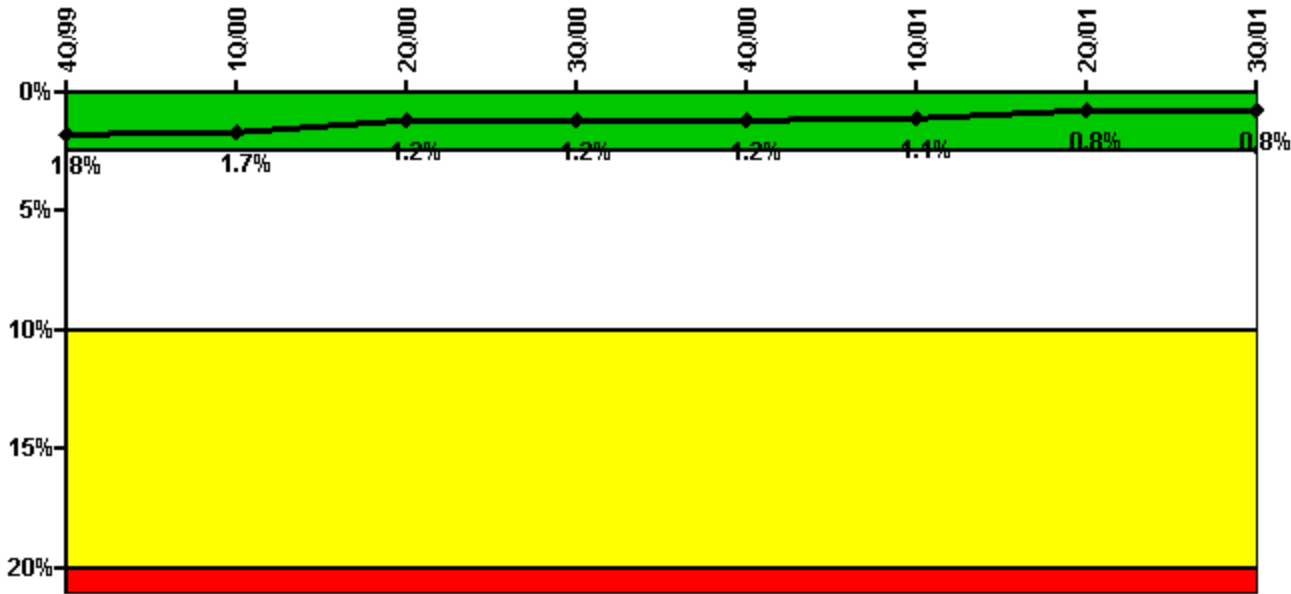
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 1.0 | 1.0 | 2.0 | 3.0 | 0 | 1.0 | 0 |
| Critical hours | 2117.9 | 2184.0 | 2147.8 | 1839.1 | 2076.7 | 2160.0 | 2183.0 | 2161.1 |
| | | | | | | | | |
| Indicator value | 3.2 | 4.0 | 4.0 | 3.4 | 5.9 | 5.1 | 5.1 | 3.3 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

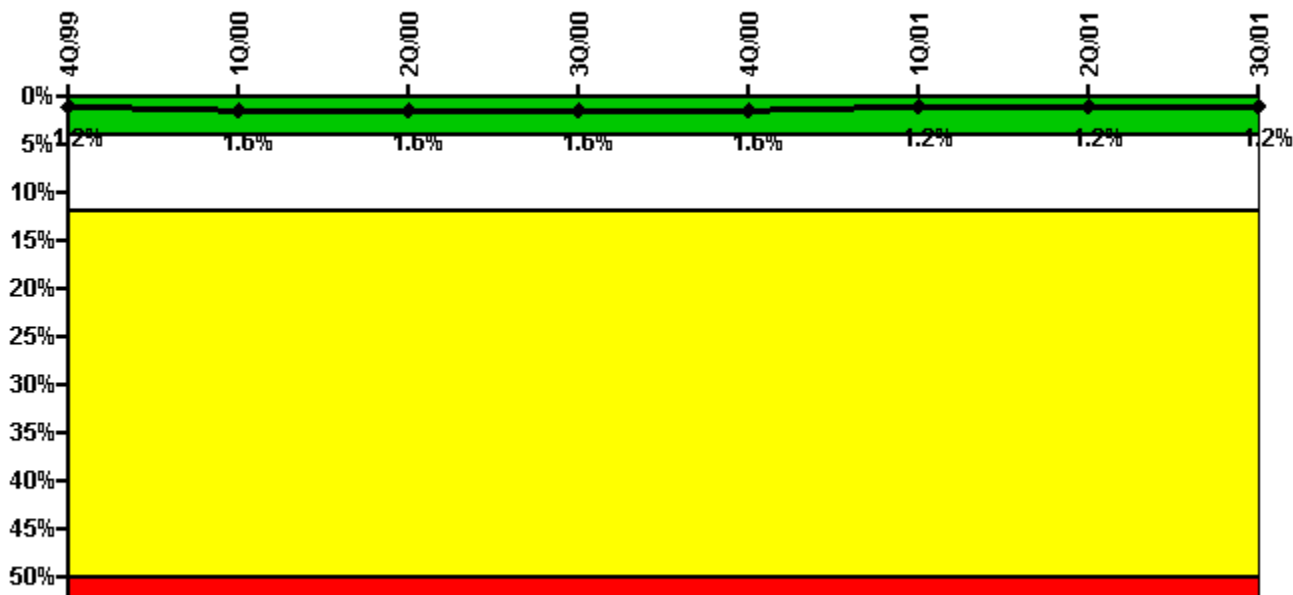
Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 5.75 | 1.75 | 0 | 12.75 | 0.10 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 66.75 | 0 | 0 | 0 | 19.00 | 0 | 8.00 | 0.10 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 1.00 | 0 | 0 | 0 | 0 | 0 | 6.50 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 54.75 | 0 | 0 | 0 | 10.25 | 33.00 | 0 | 0.10 |
| Unplanned unavailable hours | 0 | 5.50 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2206.38 | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 |
| | | | | | | | | |
| Indicator value | 1.8% | 1.7% | 1.2% | 1.2% | 1.2% | 1.1% | 0.8% | 0.8% |

Licensee Comments:

3Q/01: July 2001 "Hours train required for service" reduced due to 12.5 hours Unit 2 in mode 4 (averaged among all 4 D/G's).

Safety System Unavailability, High Pressure Injection System (HPCI)



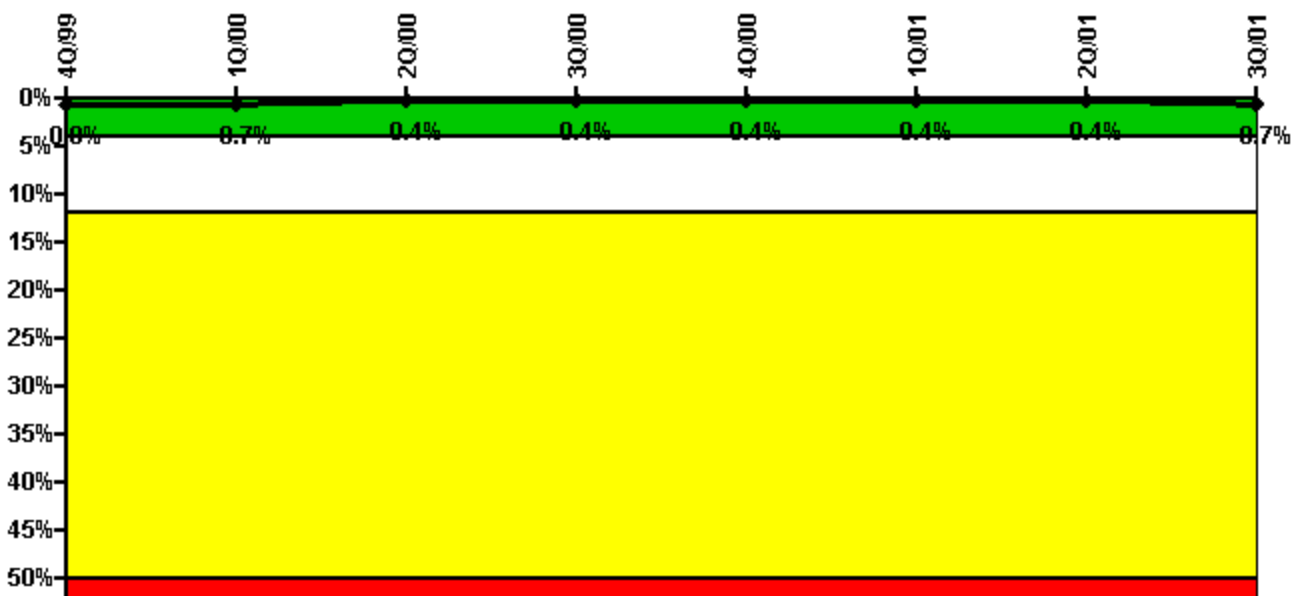
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 30.00 | 92.05 | 9.75 | 3.40 | 3.40 | 18.89 | 3.20 | 3.52 |
| Unplanned unavailable hours | 4.50 | 3.30 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2117.90 | 2184.00 | 2147.75 | 1839.08 | 2076.65 | 2160.00 | 2183.00 | 2161.08 |
| | | | | | | | | |
| Indicator value | 1.2% | 1.6% | 1.6% | 1.6% | 1.6% | 1.2% | 1.2% | 1.2% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



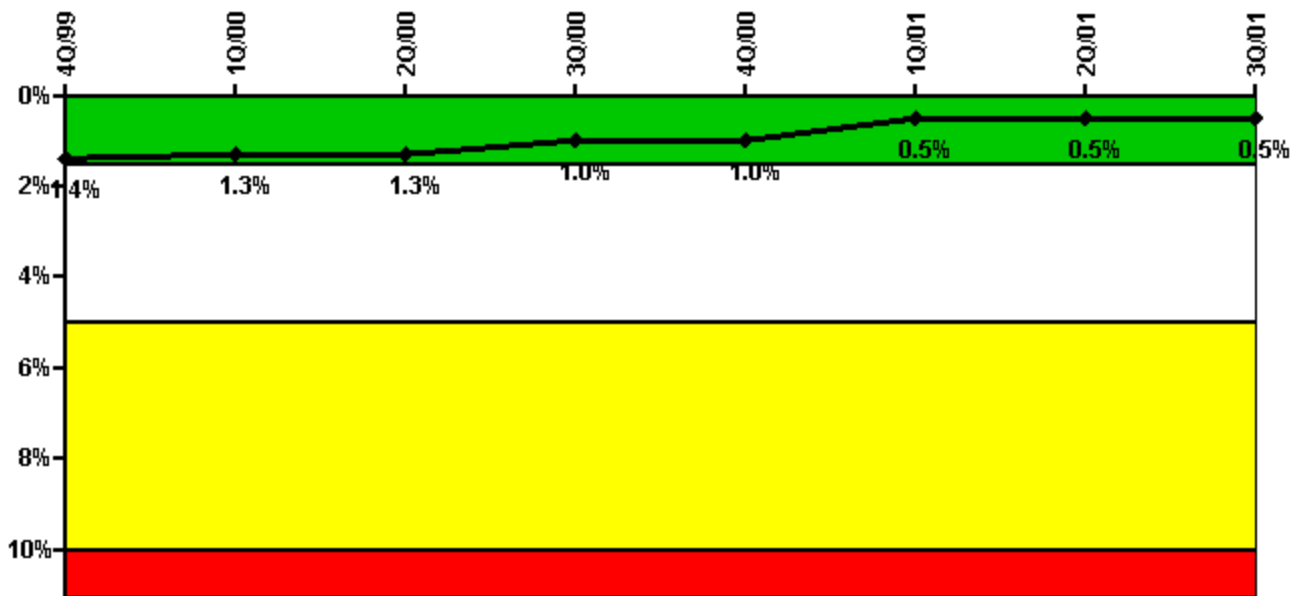
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 6.70 | 2.70 | 0 | 6.75 | 2.17 | 17.17 | 2.20 | 71.09 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2117.90 | 2184.00 | 2147.75 | 1839.08 | 2076.65 | 2160.00 | 2183.00 | 2161.08 |
| | | | | | | | | |
| Indicator value | 0.8% | 0.7% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.7% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



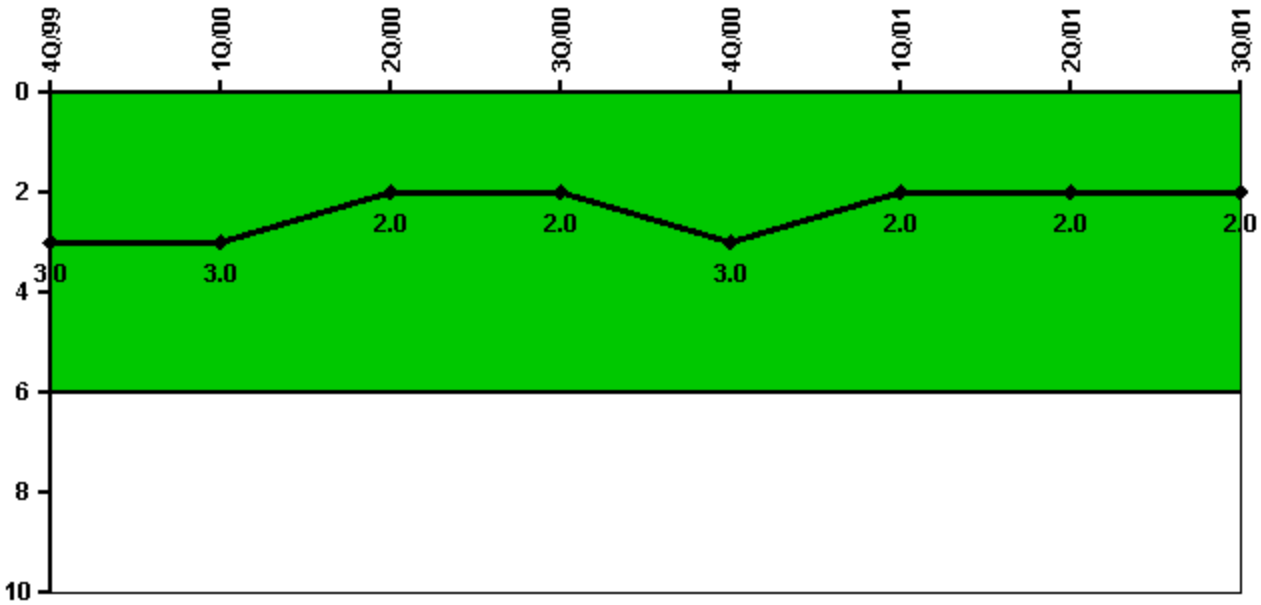
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 13.13 | 0 | 1.67 | 0 | 24.00 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 1.50 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2163.00 | 2065.00 | 2113.75 | 2160.00 | 2183.00 | 2208.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0.72 | 55.25 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 4.50 | 0 | 0 | 0 | 0 | 0 | 0 | 3.25 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 1991.00 | 2190.00 | 2160.00 | 2183.00 | 2208.00 |
| Indicator value | 1.4% | 1.3% | 1.3% | 1.0% | 1.0% | 0.5% | 0.5% | 0.5% |

Licensee Comments: none

Safety System Functional Failures (BWR)



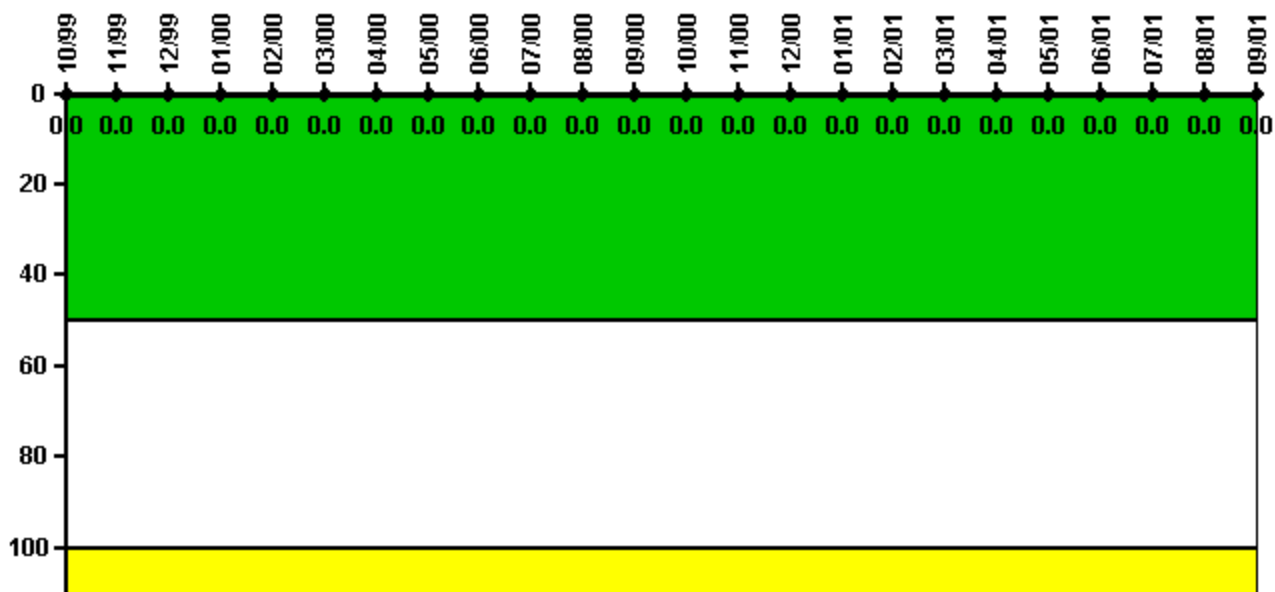
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 1 |
| Indicator value | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 2 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

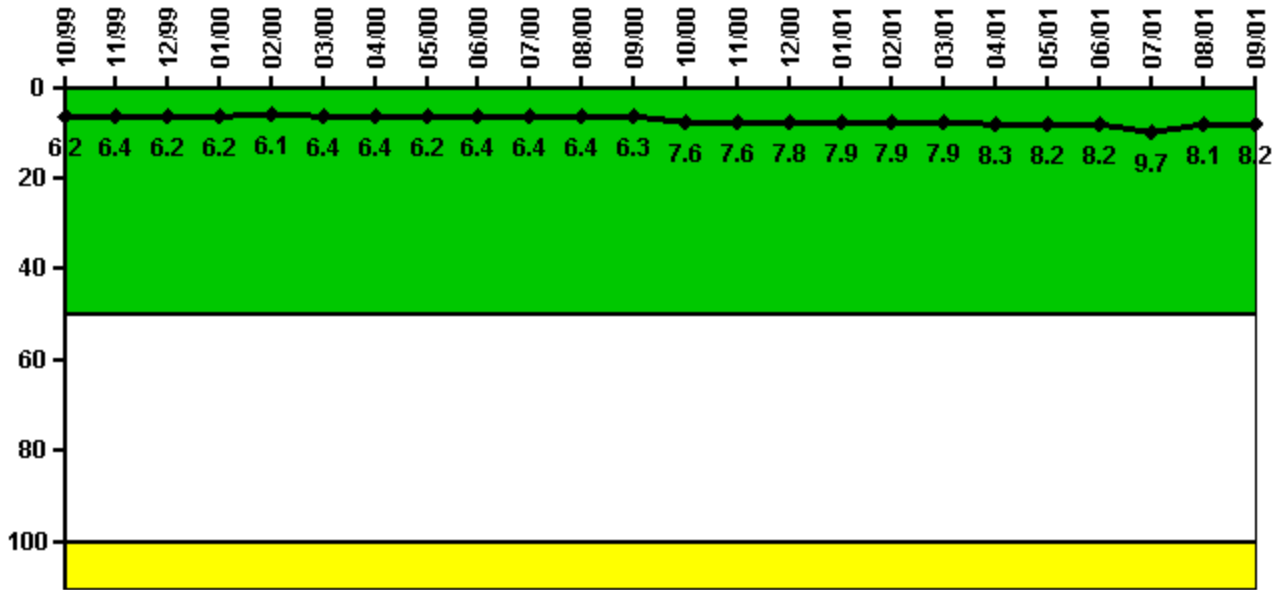
Notes

| Reactor Coolant System Activity | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000082 | 0.000004 | 0.000002 | 0.000010 | 0.000002 | 0.000006 | 0.000004 | 0.000008 | 0.000004 | 0.000008 | 0.000011 | 0.000002 |
| 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 | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000013 | 0.000006 | 0.000003 | 0.000004 | 0.000008 | 0.000007 | 0.000007 | 0.000003 | 0.000006 | 0.000011 | 0.000004 | 0.000003 |
| 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

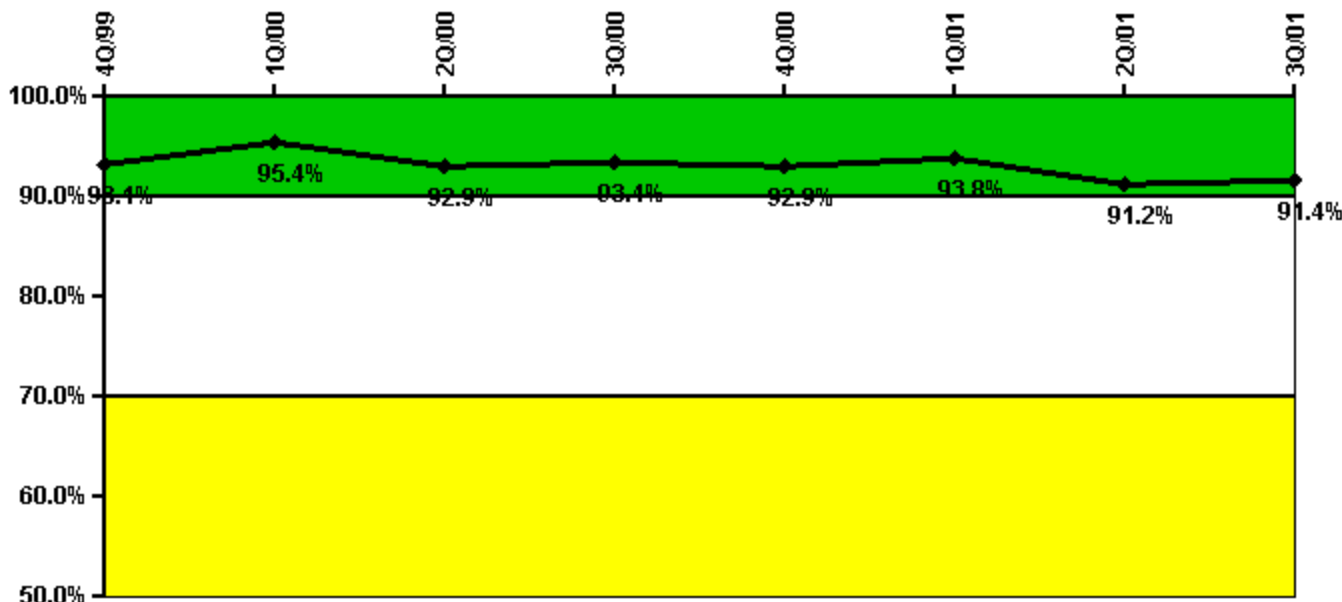
Notes

| Reactor Coolant System Leakage | 10/99 | 11/99 | 12/99 | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.560 | 1.590 | 1.540 | 1.540 | 1.530 | 1.590 | 1.590 | 1.560 | 1.590 | 1.600 | 1.600 | 1.570 |
| 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 | 6.2 | 6.4 | 6.2 | 6.2 | 6.1 | 6.4 | 6.4 | 6.2 | 6.4 | 6.4 | 6.4 | 6.3 |

| Reactor Coolant System Leakage | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.890 | 1.910 | 1.940 | 1.970 | 1.970 | 1.970 | 2.080 | 2.040 | 2.040 | 2.420 | 2.020 | 2.040 |
| 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 | 7.6 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 8.3 | 8.2 | 8.2 | 9.7 | 8.1 | 8.2 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

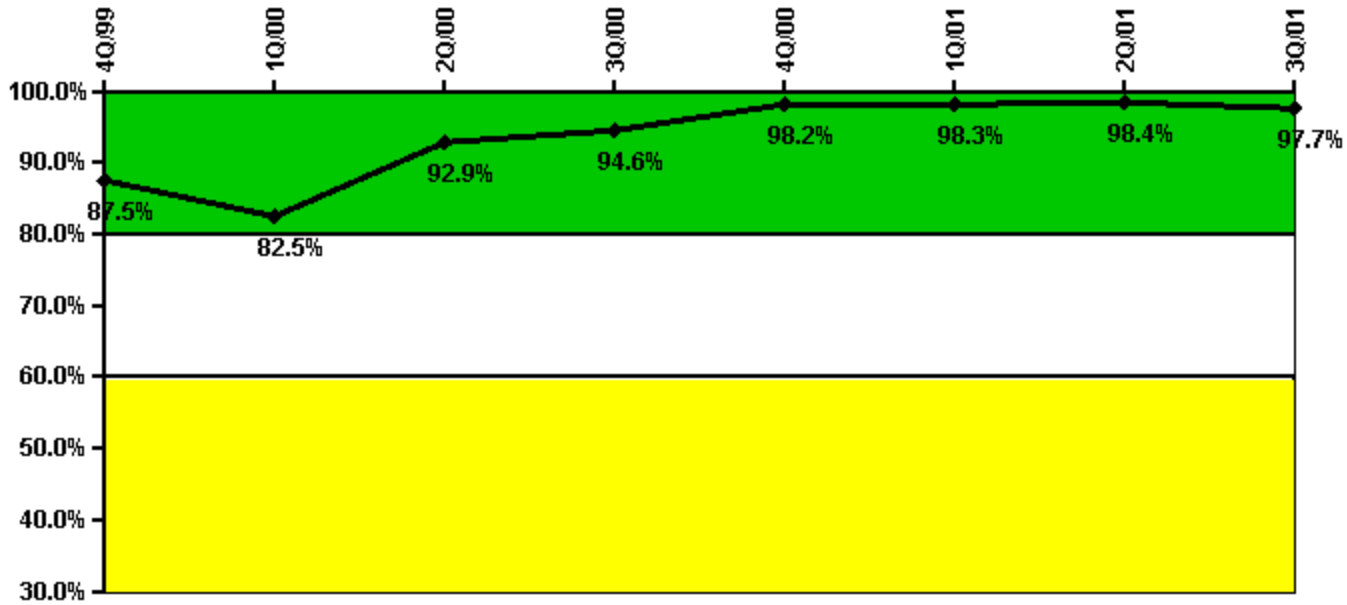
Notes

| Drill/Exercise Performance | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 6.0 | 0 | 36.0 | 16.0 | 2.0 | 31.0 | 13.0 | 2.0 |
| Total opportunities | 6.0 | 0 | 40.0 | 18.0 | 2.0 | 32.0 | 16.0 | 2.0 |
| Indicator value | 93.1% | 95.4% | 92.9% | 93.4% | 92.9% | 93.8% | 91.2% | 91.4% |

Licensee Comments:

1Q/01: A total of one opportunity was removed from the database for drills covering the period of 6/14/00 to 02/15/01 because it was determined to be an invalid notification opportunity. TL A total of one opportunity was removed from the data base for the period of January 1, 2001 and January 31, 2001 because it was determined to be an unscheduled remediation session. CGH

ERO Drill Participation



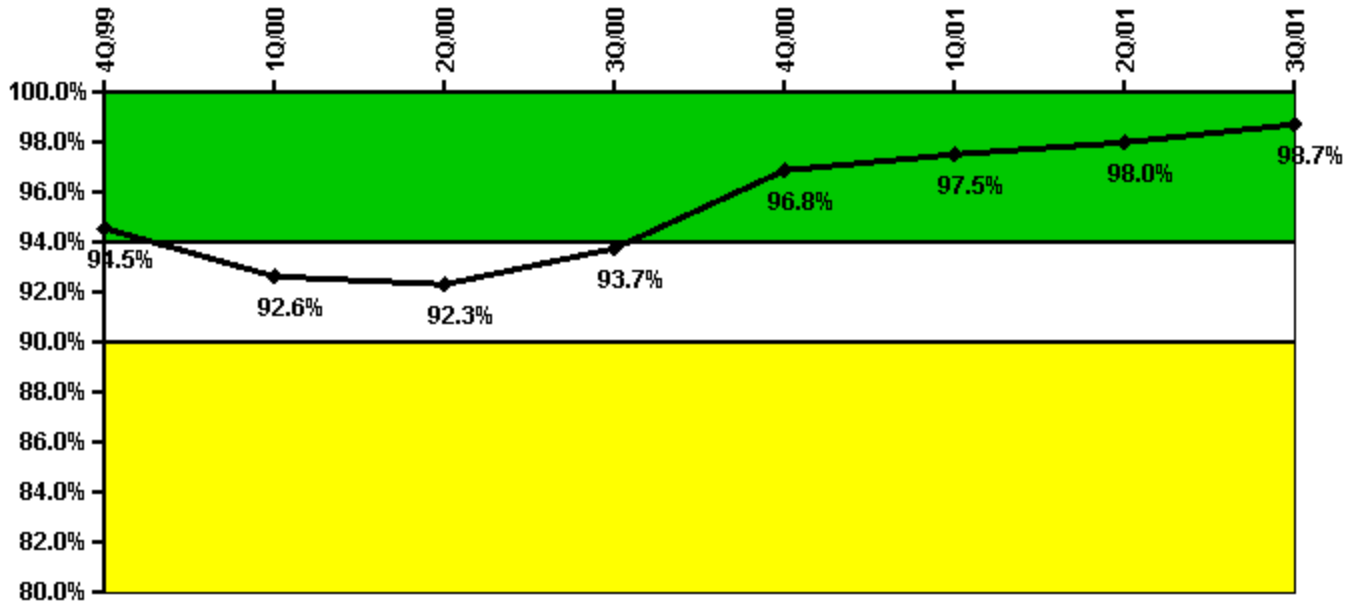
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 56.0 | 52.0 | 52.0 | 53.0 | 54.0 | 57.0 | 63.0 | 42.0 |
| Total Key personnel | 64.0 | 63.0 | 56.0 | 56.0 | 55.0 | 58.0 | 64.0 | 43.0 |
| | | | | | | | | |
| Indicator value | 87.5% | 82.5% | 92.9% | 94.6% | 98.2% | 98.3% | 98.4% | 97.7% |

Licensee Comments: none

Alert & Notification System



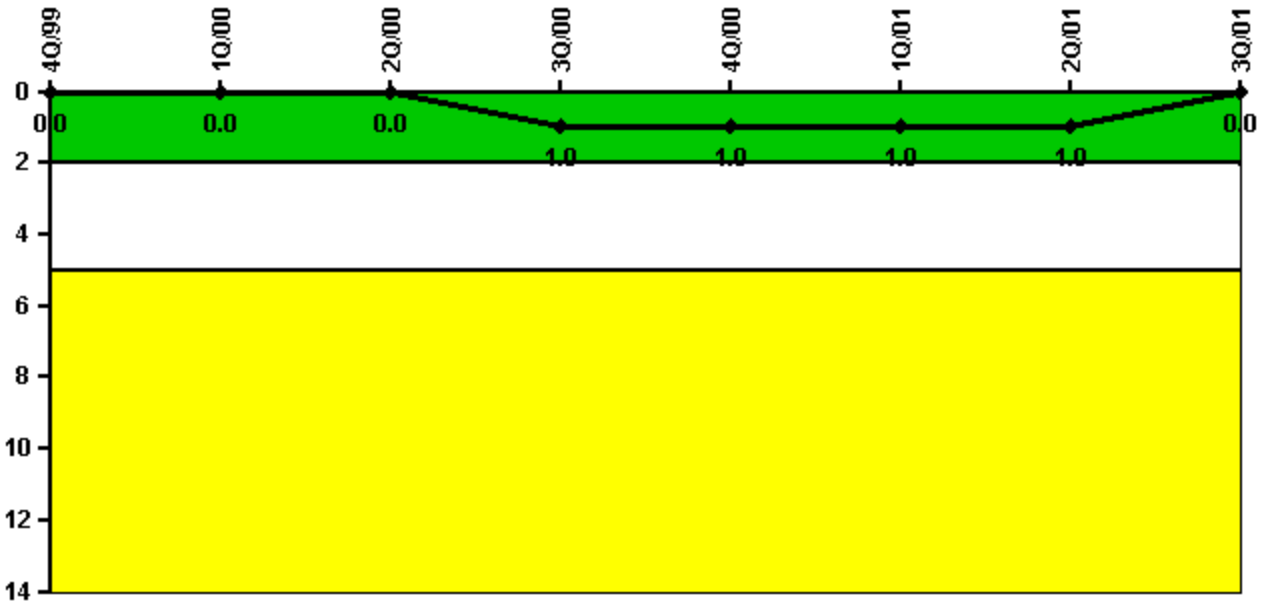
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 260 | 259 | 547 | 1479 | 2505 | 1239 | 1240 | 1236 |
| Total sirens-tests | 291 | 291 | 582 | 1552 | 2522 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 94.5% | 92.6% | 92.3% | 93.7% | 96.8% | 97.5% | 98.0% | 98.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



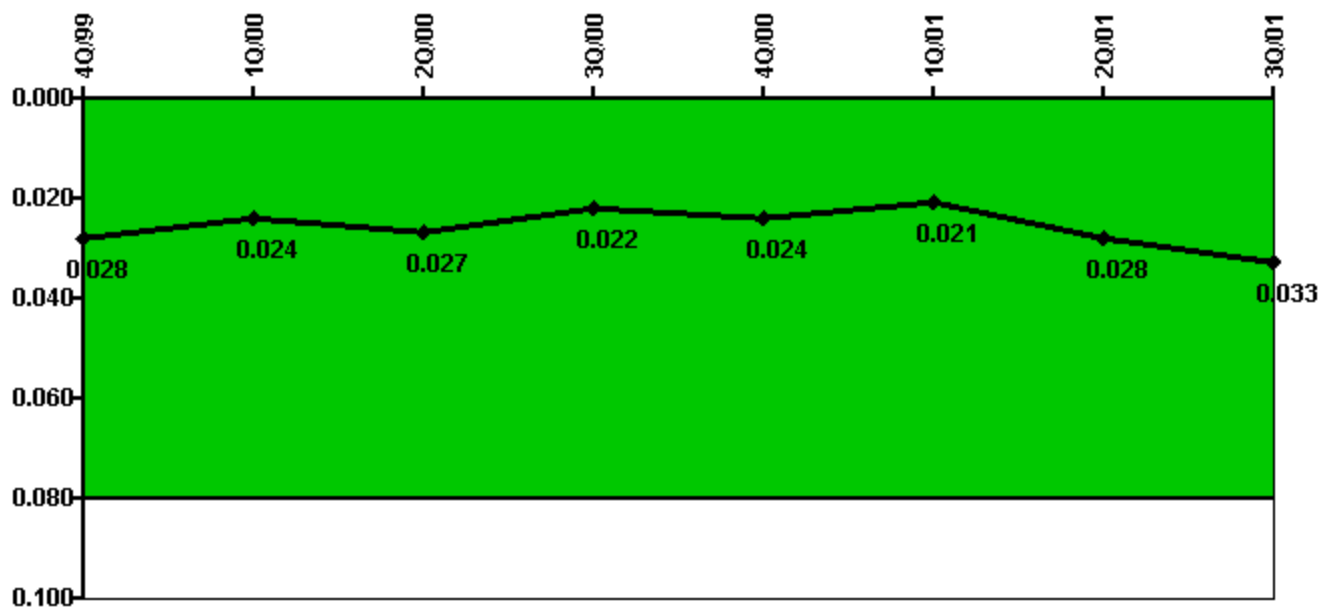
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



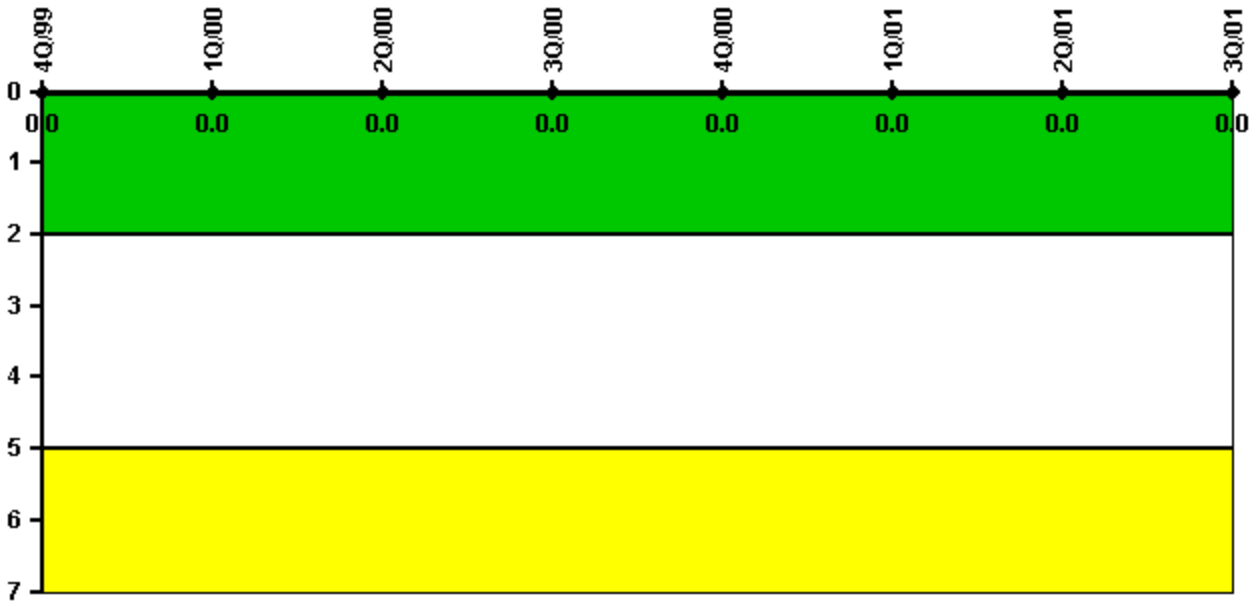
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 130.90 | 167.60 | 206.00 | 94.80 | 152.20 | 168.00 | 435.40 | 244.60 |
| CCTV compensatory hours | 2.6 | 58.0 | 6.4 | 12.6 | 20.7 | 0.4 | 4.4 | 23.8 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | | | |
| Index Value | 0.028 | 0.024 | 0.027 | 0.022 | 0.024 | 0.021 | 0.028 | 0.033 |

Licensee Comments: none

Personnel Screening Program



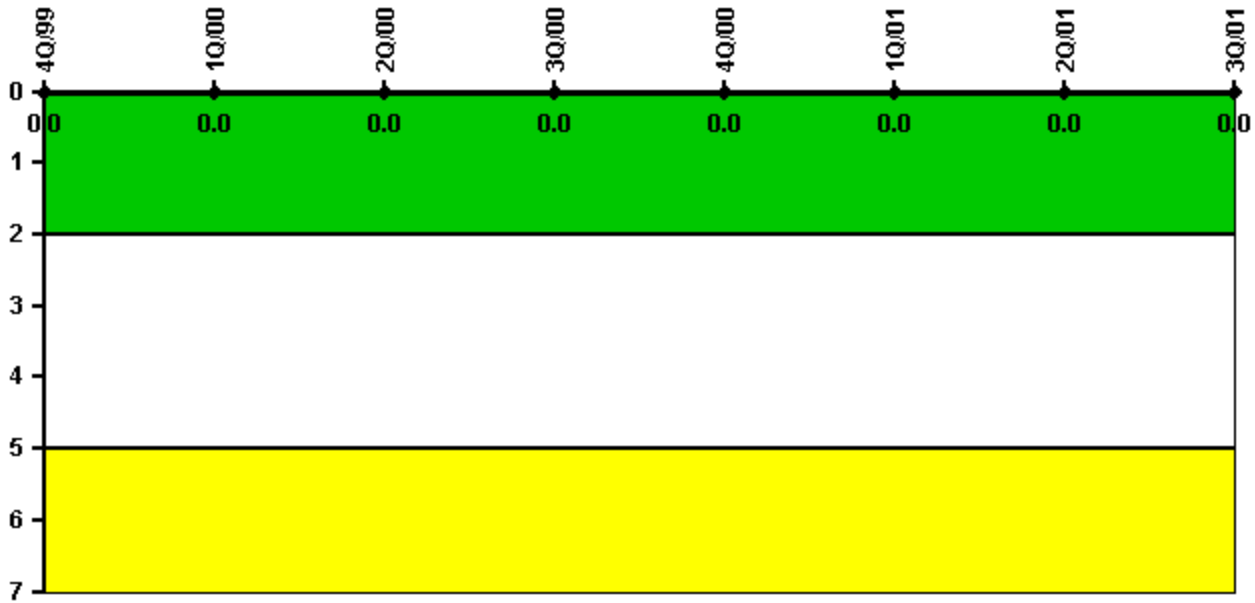
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 4Q/99 | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

Last Modified: March 26, 2002

Peach Bottom 2

4Q/2001 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/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 0 | 1.0 | 0 | 0 | 0 | 1.0 | 1.0 |
| Critical hours | 2184.0 | 2147.8 | 1839.1 | 2076.7 | 2160.0 | 2183.0 | 2161.1 | 2100.9 |
| | | | | | | | | |
| Indicator value | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 0.8 | 0.8 | 1.6 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



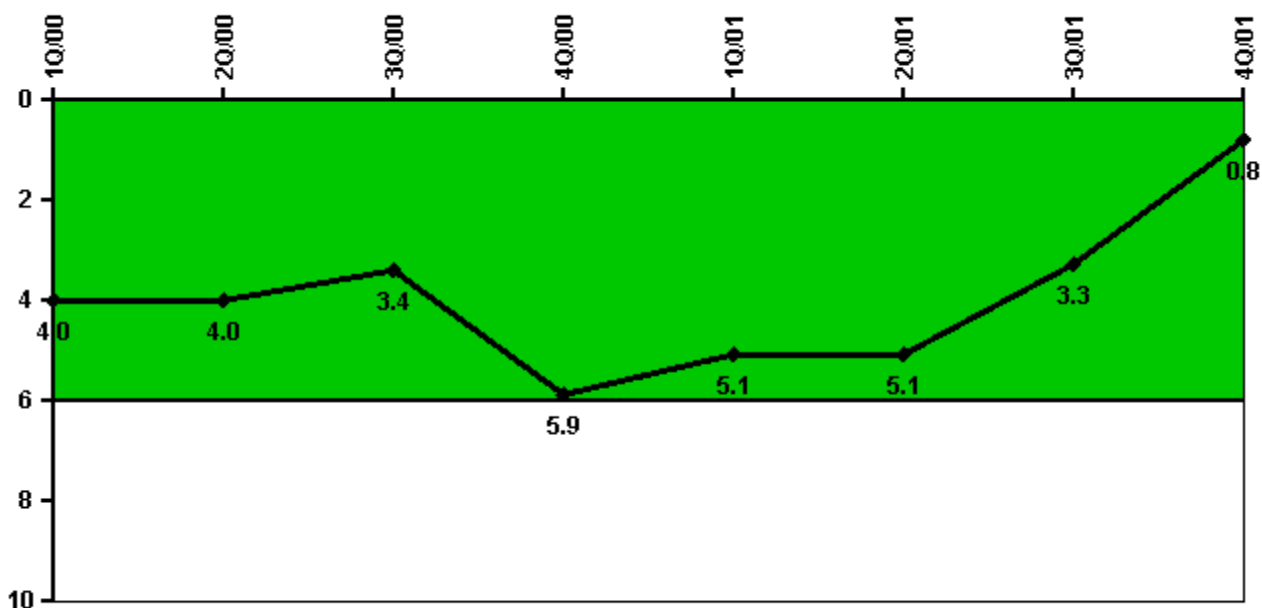
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



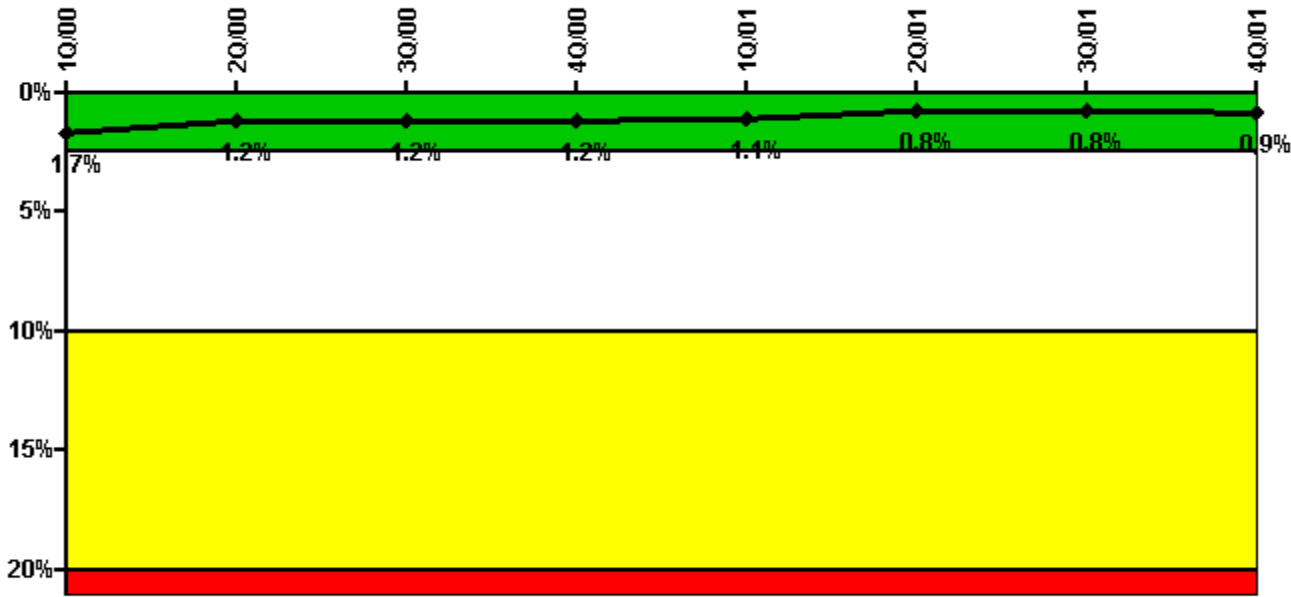
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 1.0 | 1.0 | 2.0 | 3.0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2184.0 | 2147.8 | 1839.1 | 2076.7 | 2160.0 | 2183.0 | 2161.1 | 2100.9 |
| Indicator value | 4.0 | 4.0 | 3.4 | 5.9 | 5.1 | 5.1 | 3.3 | 0.8 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

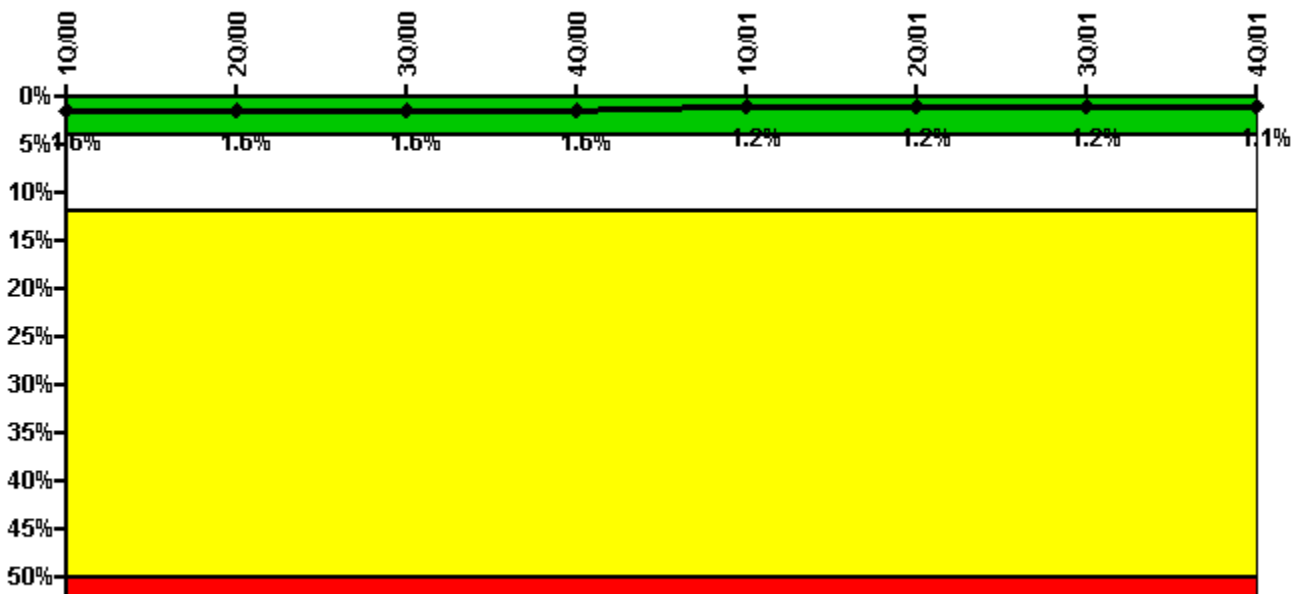
Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 5.75 | 1.75 | 0 | 12.75 | 0.10 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 19.00 | 0 | 8.00 | 0.10 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.00 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129.00 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 1.00 | 0 | 0 | 0 | 0 | 0 | 6.50 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 10.25 | 33.00 | 0 | 0.10 | 0 |
| Unplanned unavailable hours | 5.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 |
| Indicator value | 1.7% | 1.2% | 1.2% | 1.2% | 1.1% | 0.8% | 0.8% | 0.9% |

Licensee Comments:

4Q/01: Hours train required for service in October reduced due to Unit 2 Scram.

Safety System Unavailability, High Pressure Injection System (HPCI)



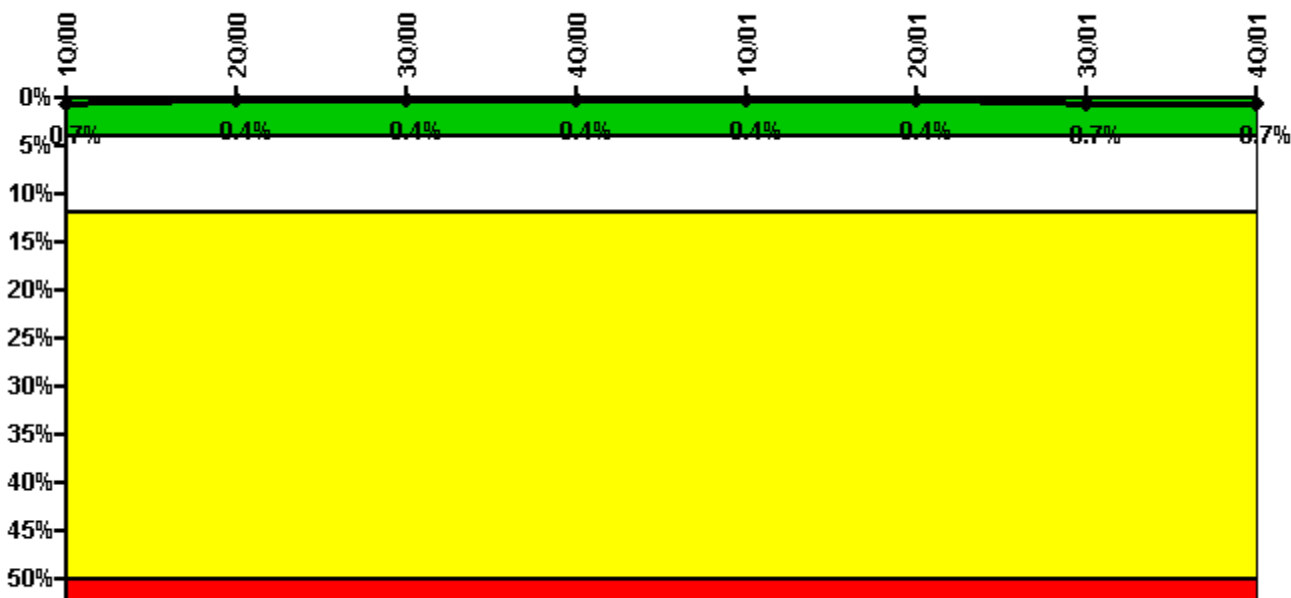
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 92.05 | 9.75 | 3.40 | 3.40 | 18.89 | 3.20 | 3.52 | 6.36 |
| Unplanned unavailable hours | 3.30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2147.75 | 1839.08 | 2076.65 | 2160.00 | 2183.00 | 2161.08 | 2100.93 |
| Indicator value | 1.6% | 1.6% | 1.6% | 1.6% | 1.2% | 1.2% | 1.2% | 1.1% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



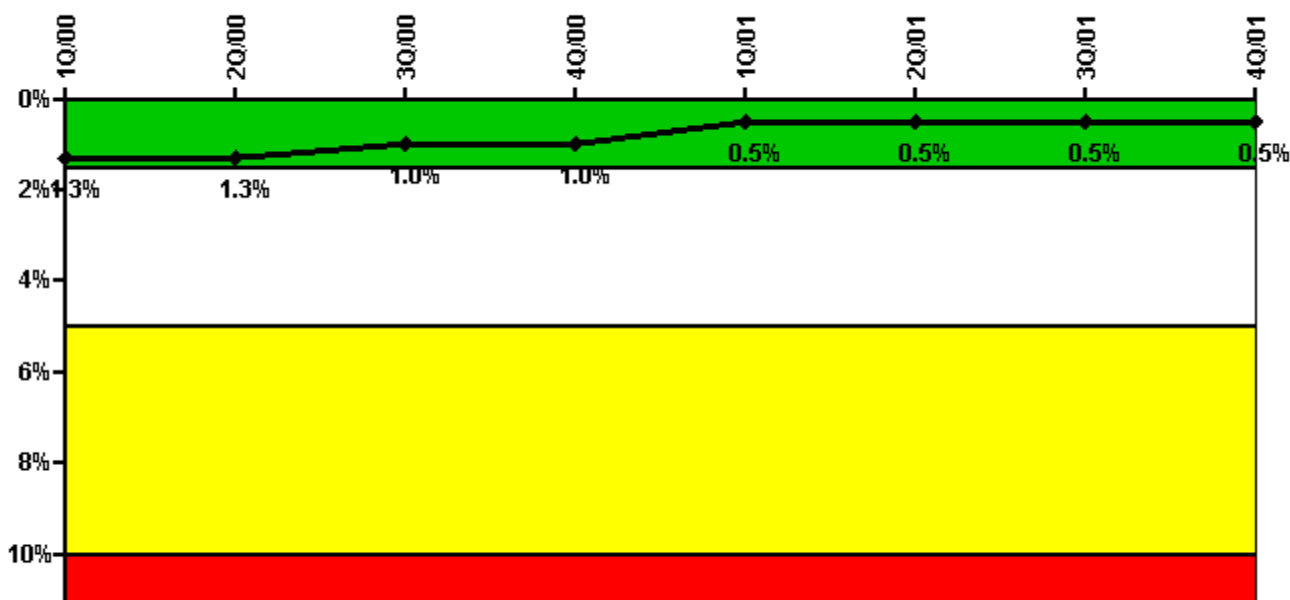
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 2.70 | 0 | 6.75 | 2.17 | 17.17 | 2.20 | 71.09 | 8.68 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2147.75 | 1839.08 | 2076.65 | 2160.00 | 2183.00 | 2161.08 | 2100.93 |
| | | | | | | | | |
| Indicator value | 0.7% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.7% | 0.7% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

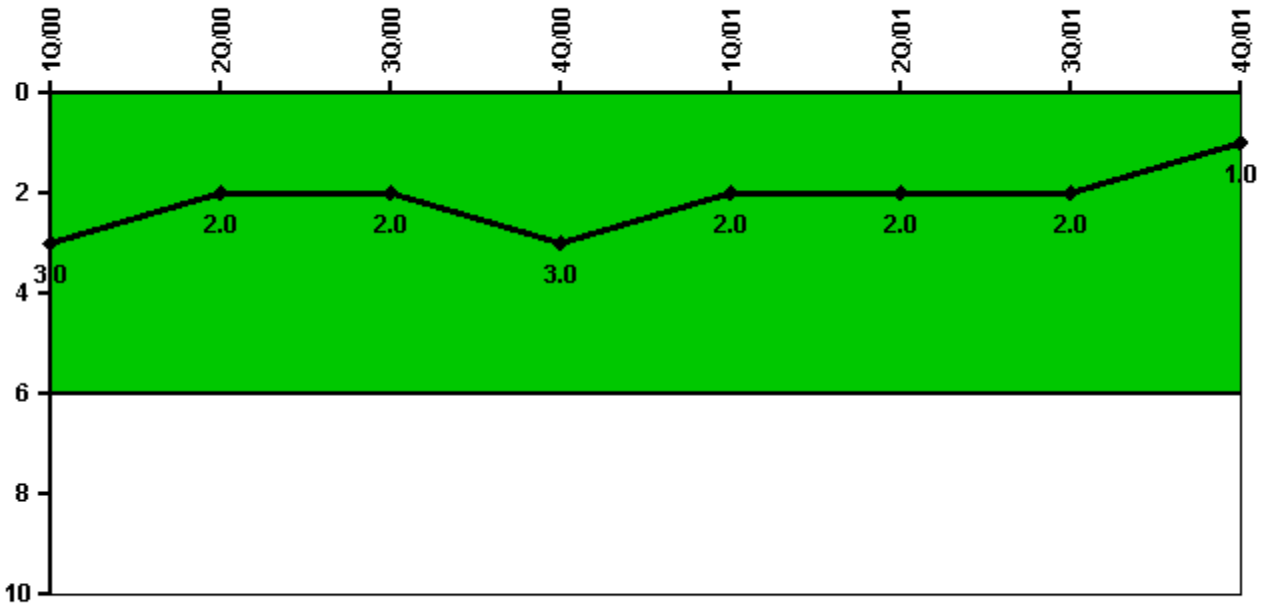
Notes

| Safety System Unavailability, Residual Heat Removal System | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 13.13 | 0 | 1.67 | 0 | 24.00 | 0 | 0 | 12.35 |
| Unplanned unavailable hours | 0 | 0 | 0 | 1.50 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2163.00 | 2065.00 | 2113.75 | 2160.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0.72 | 55.25 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 3.25 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2183.00 | 1991.00 | 2190.00 | 2160.00 | 2183.00 | 2208.00 | 2121.67 |
| Indicator value | 1.3% | 1.3% | 1.0% | 1.0% | 0.5% | 0.5% | 0.5% | 0.5% |

Licensee Comments:

4Q/01: Includes additional daylight savings time hours.

Safety System Functional Failures (BWR)



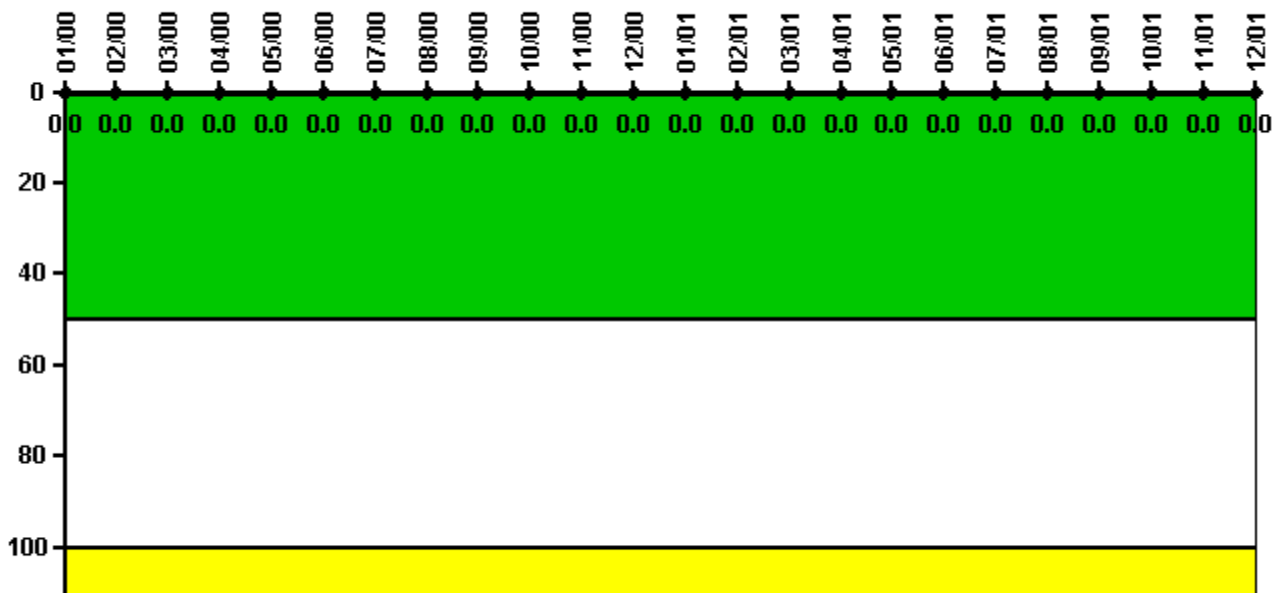
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| Indicator value | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 1 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

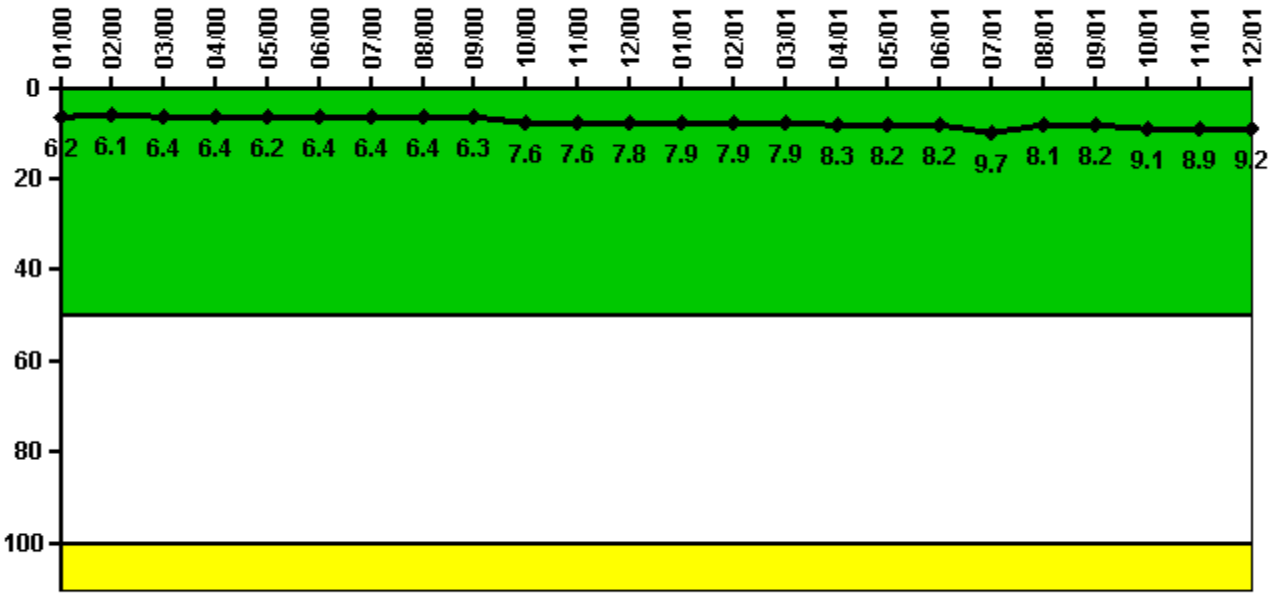
Notes

| Reactor Coolant System Activity | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 | 10/00 | 11/00 | 12/00 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000010 | 0.000002 | 0.000006 | 0.000004 | 0.000008 | 0.000004 | 0.000008 | 0.000011 | 0.000002 | 0.000013 | 0.000006 | 0.000003 |
| 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 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000004 | 0.000008 | 0.000007 | 0.000007 | 0.000003 | 0.000006 | 0.000011 | 0.000004 | 0.000003 | 0.000002 | 0.000004 | 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 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

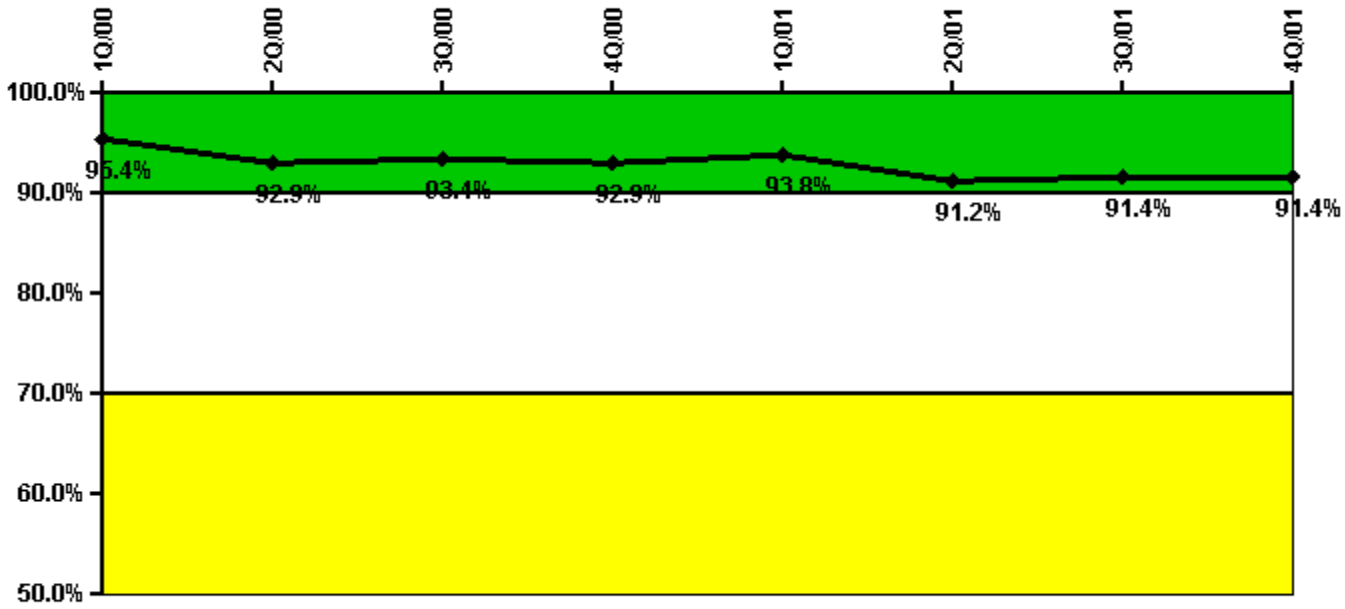
Notes

| Reactor Coolant System Leakage | 1/00 | 2/00 | 3/00 | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 | 10/00 | 11/00 | 12/00 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.540 | 1.530 | 1.590 | 1.590 | 1.560 | 1.590 | 1.600 | 1.600 | 1.570 | 1.890 | 1.910 | 1.940 |
| 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 | 6.2 | 6.1 | 6.4 | 6.4 | 6.2 | 6.4 | 6.4 | 6.4 | 6.3 | 7.6 | 7.6 | 7.8 |

| Reactor Coolant System Leakage | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.970 | 1.970 | 1.970 | 2.080 | 2.040 | 2.040 | 2.420 | 2.020 | 2.040 | 2.270 | 2.230 | 2.290 |
| 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 | 7.9 | 7.9 | 7.9 | 8.3 | 8.2 | 8.2 | 9.7 | 8.1 | 8.2 | 9.1 | 8.9 | 9.2 |

Licensee Comments: none

Drill/Exercise Performance



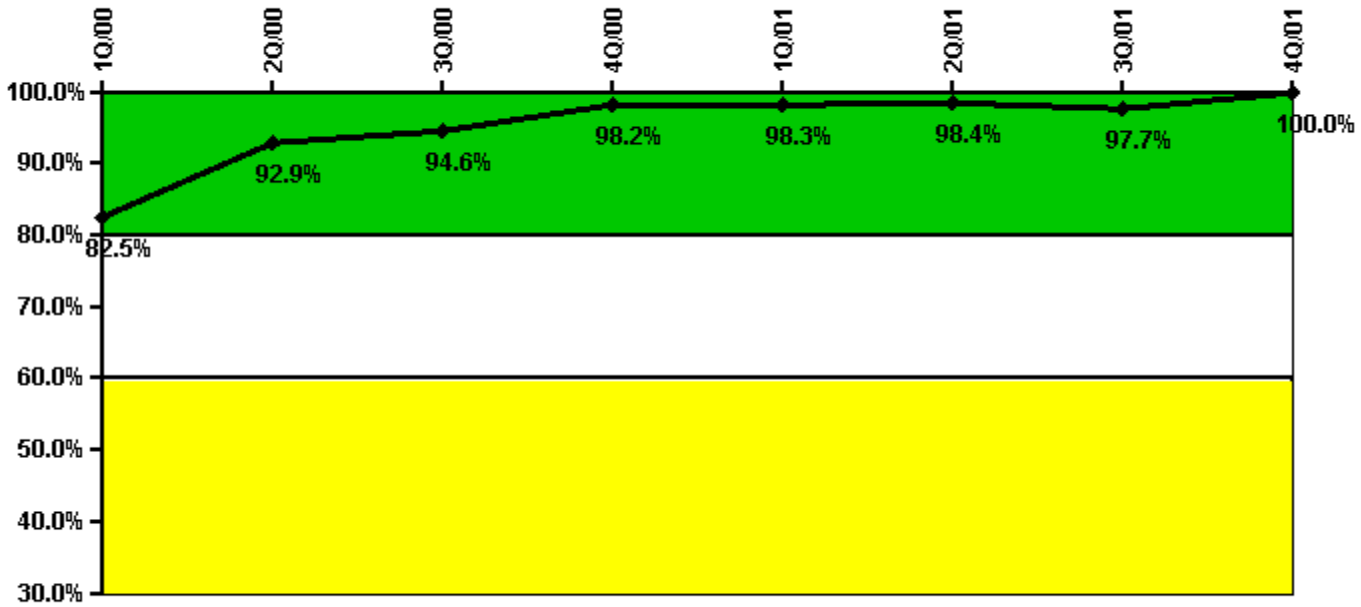
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 0 | 36.0 | 16.0 | 2.0 | 31.0 | 13.0 | 2.0 | 6.0 |
| Total opportunities | 0 | 40.0 | 18.0 | 2.0 | 32.0 | 16.0 | 2.0 | 6.0 |
| Indicator value | 95.4% | 92.9% | 93.4% | 92.9% | 93.8% | 91.2% | 91.4% | 91.4% |

Licensee Comments: none

ERO Drill Participation



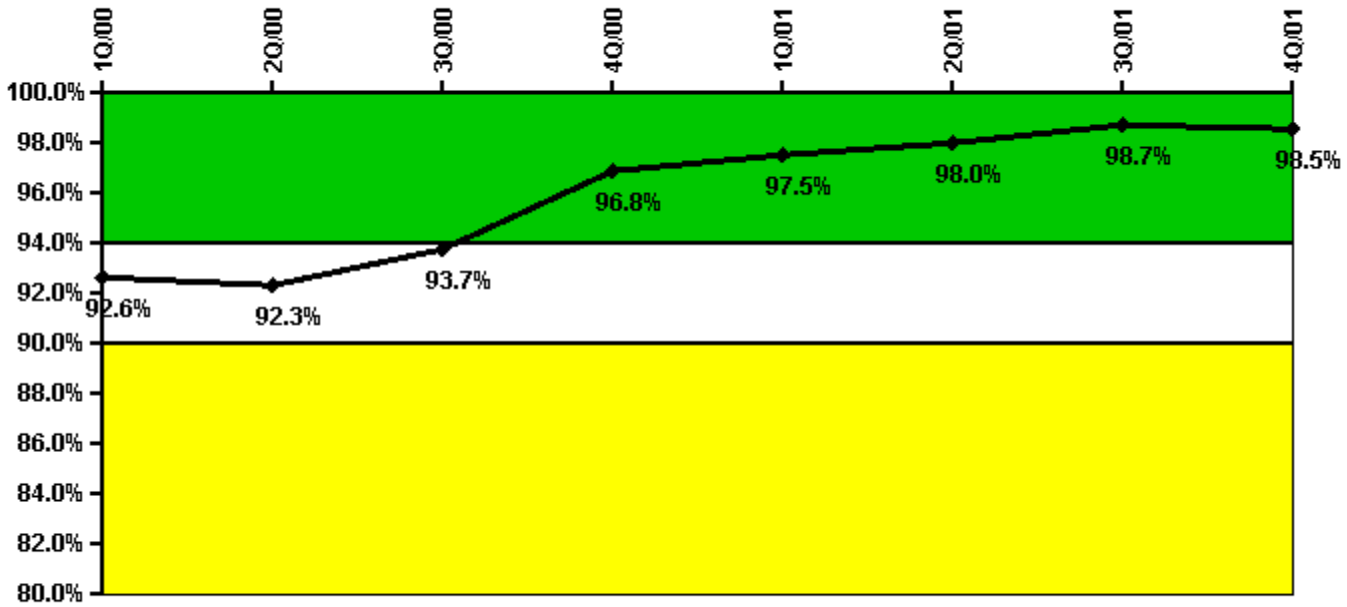
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| Participating Key personnel | 52.0 | 52.0 | 53.0 | 54.0 | 57.0 | 63.0 | 42.0 | 42.0 |
| Total Key personnel | 63.0 | 56.0 | 56.0 | 55.0 | 58.0 | 64.0 | 43.0 | 42.0 |
| | | | | | | | | |
| Indicator value | 82.5% | 92.9% | 94.6% | 98.2% | 98.3% | 98.4% | 97.7% | 100.0% |

Licensee Comments: none

Alert & Notification System



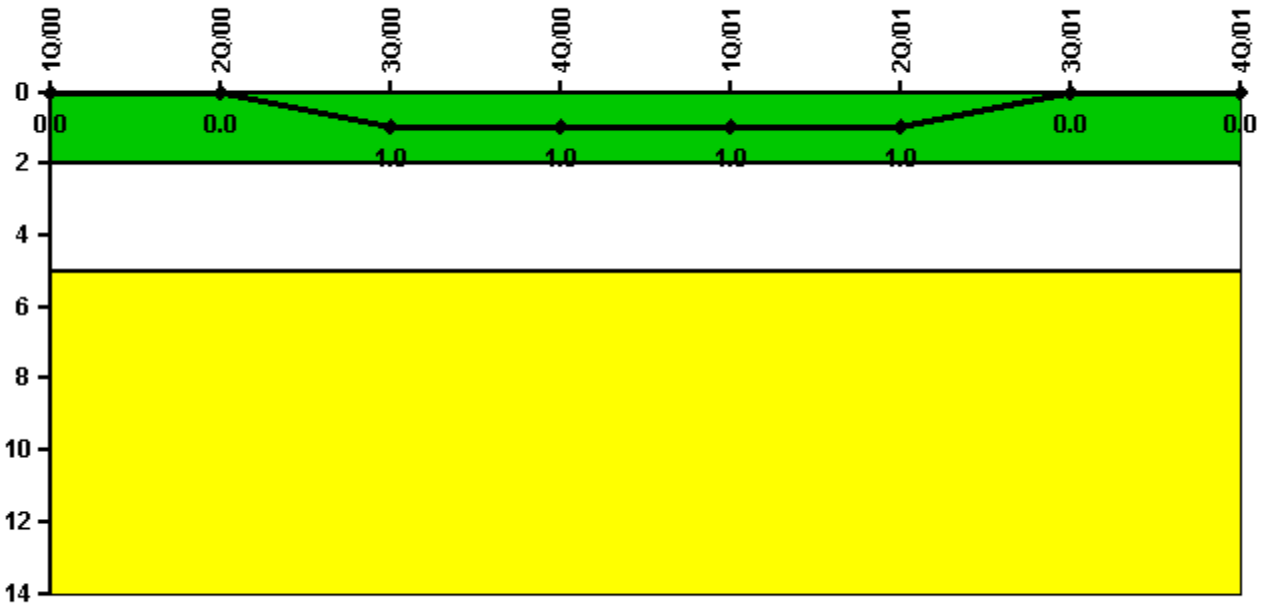
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 259 | 547 | 1479 | 2505 | 1239 | 1240 | 1236 | 1254 |
| Total sirens-tests | 291 | 582 | 1552 | 2522 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 92.6% | 92.3% | 93.7% | 96.8% | 97.5% | 98.0% | 98.7% | 98.5% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



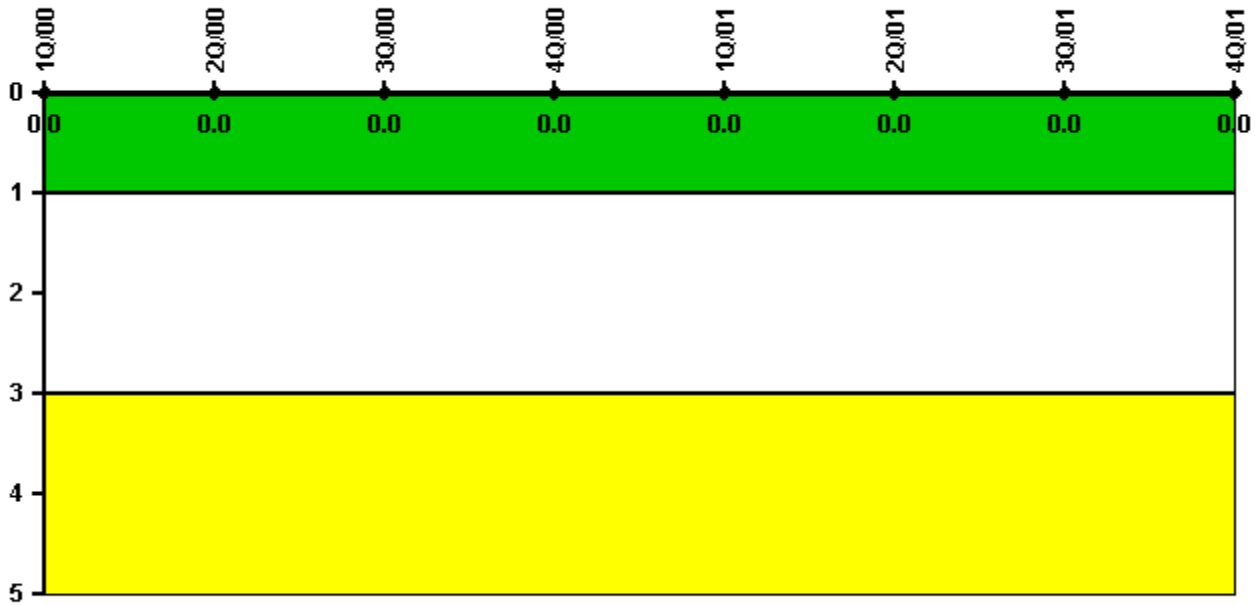
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



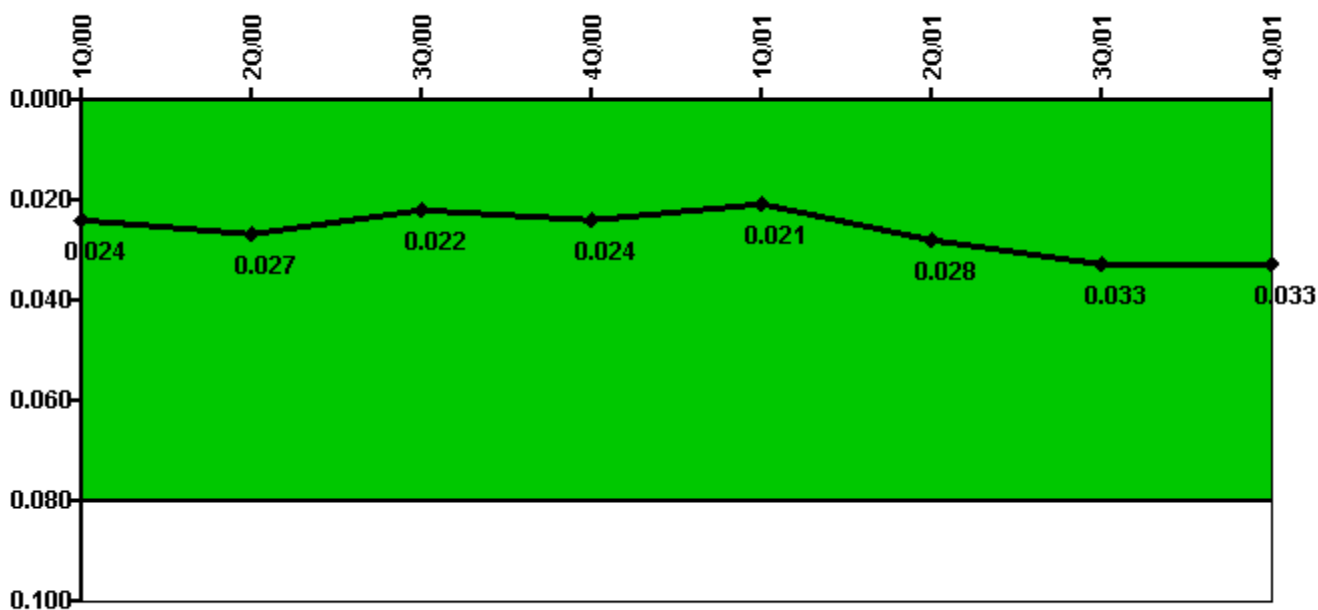
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



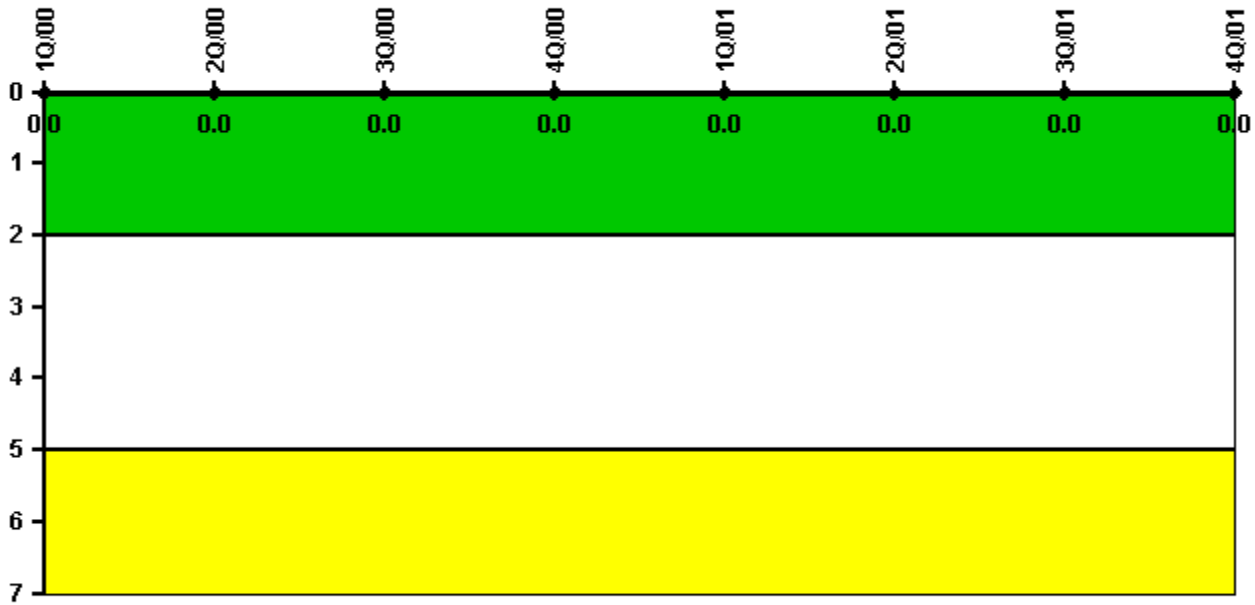
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 167.60 | 206.00 | 94.80 | 152.20 | 168.00 | 435.40 | 244.60 | 153.20 |
| CCTV compensatory hours | 58.0 | 6.4 | 12.6 | 20.7 | 0.4 | 4.4 | 23.8 | 20.6 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | | | |
| Index Value | 0.024 | 0.027 | 0.022 | 0.024 | 0.021 | 0.028 | 0.033 | 0.033 |

Licensee Comments: none

Personnel Screening Program



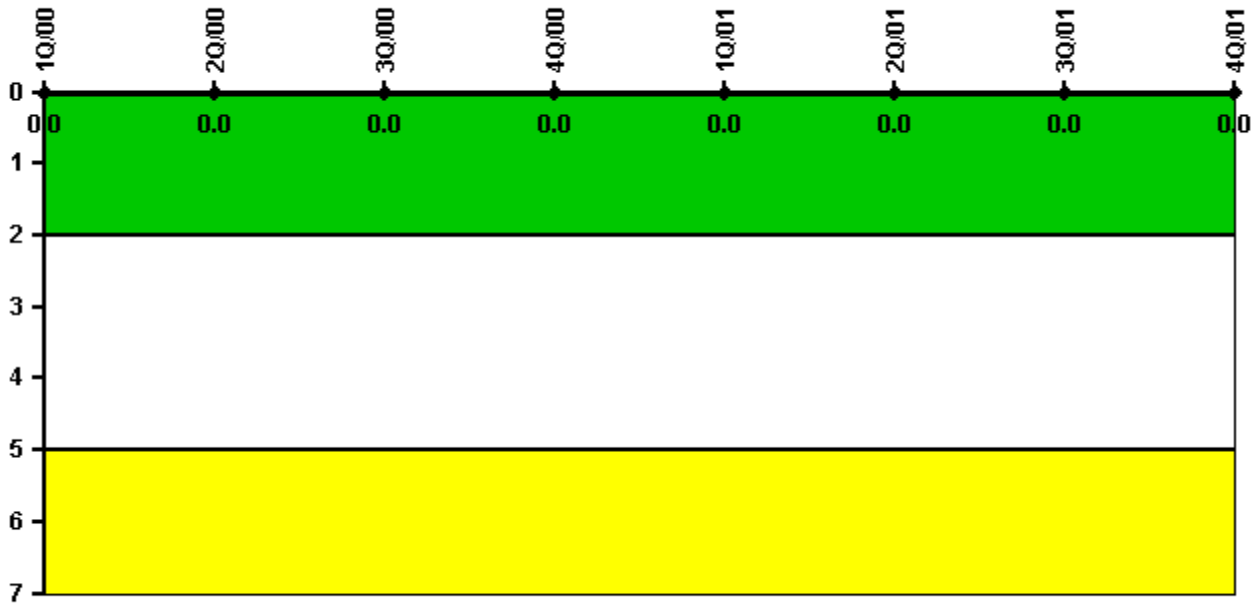
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 1Q/00 | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

Last Modified: March 15, 2002

Peach Bottom 2

1Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



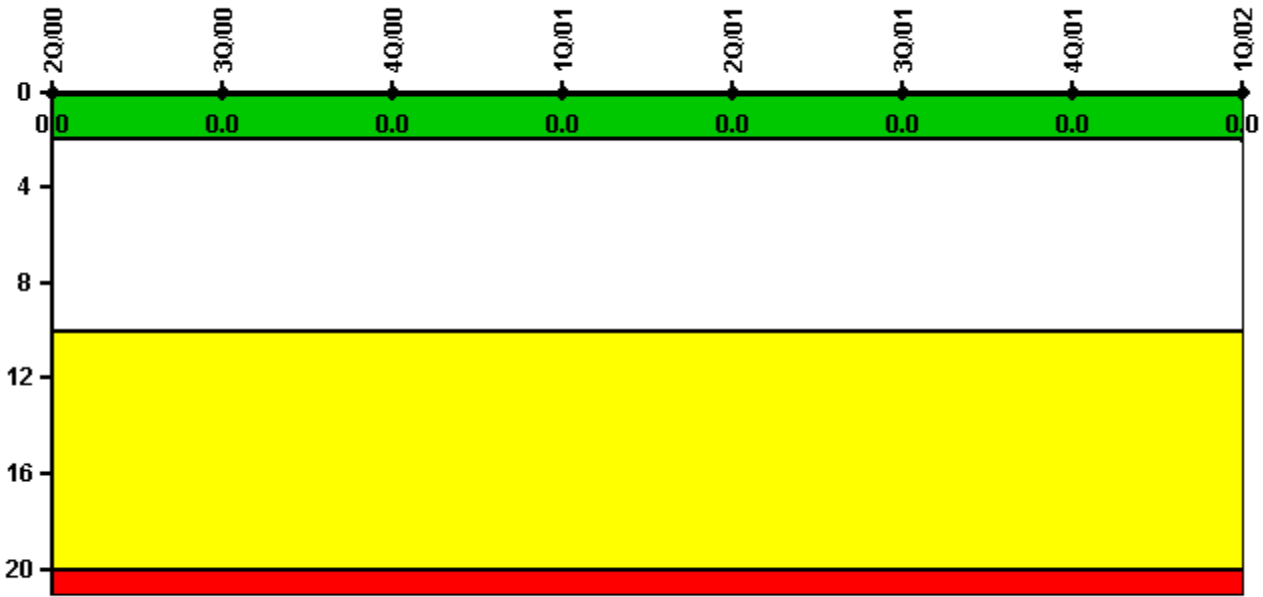
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 1.0 | 0 | 0 | 0 | 1.0 | 1.0 | 0 |
| Critical hours | 2147.8 | 1839.1 | 2076.7 | 2160.0 | 2183.0 | 2161.1 | 2100.9 | 2160.0 |
| | | | | | | | | |
| Indicator value | 0.8 | 0.8 | 0.8 | 0.9 | 0.8 | 0.8 | 1.6 | 1.6 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



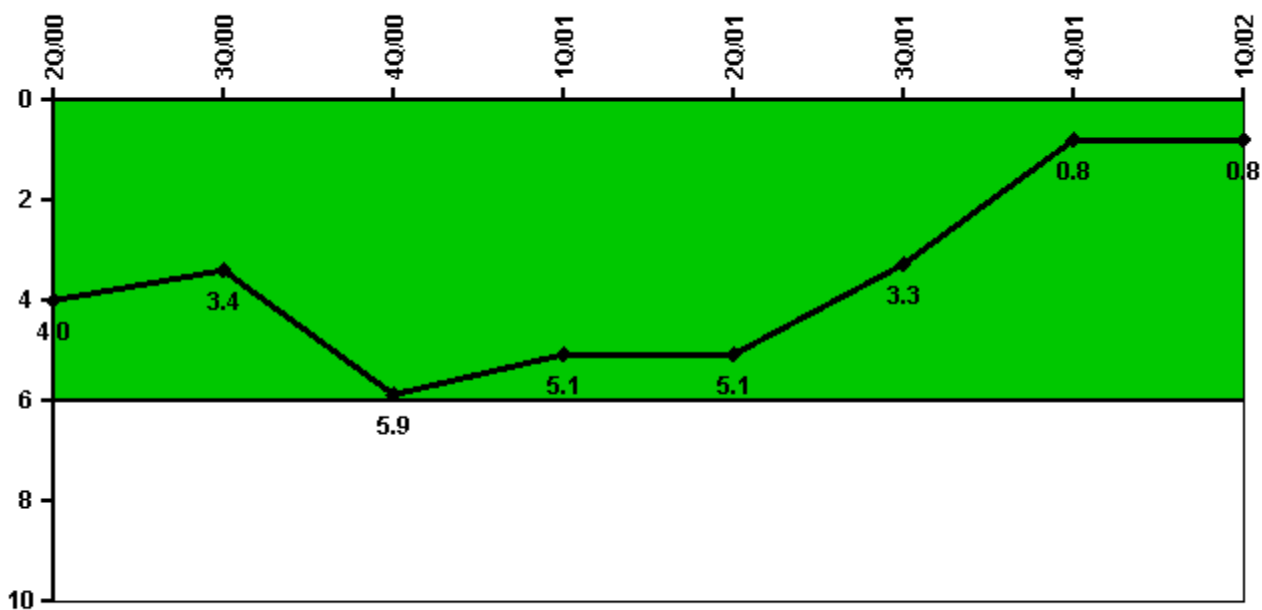
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



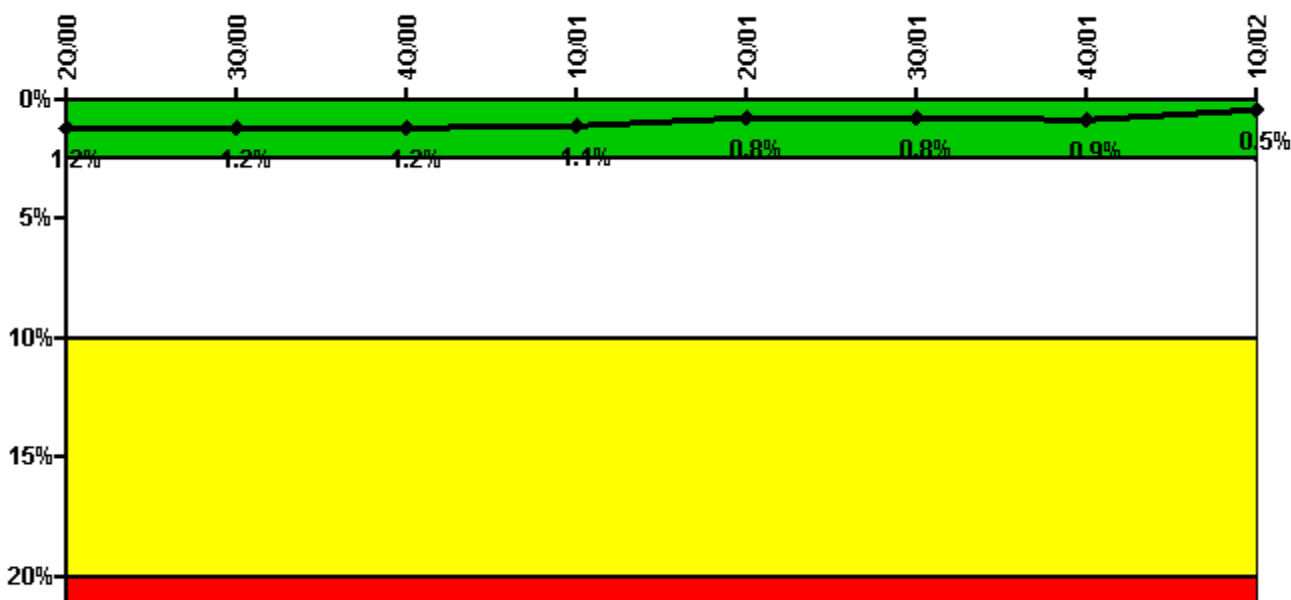
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 1.0 | 2.0 | 3.0 | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2147.8 | 1839.1 | 2076.7 | 2160.0 | 2183.0 | 2161.1 | 2100.9 | 2160.0 |
| | | | | | | | | |
| Indicator value | 4.0 | 3.4 | 5.9 | 5.1 | 5.1 | 3.3 | 0.8 | 0.8 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 5.75 | 1.75 | 0 | 12.75 | 0.10 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 19.00 | 0 | 8.00 | 0.10 | 0 | 11.25 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 4.00 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 129.00 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 6.50 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 10.25 | 33.00 | 0 | 0.10 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.00 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 |
| Indicator value | 1.2% | 1.2% | 1.2% | 1.1% | 0.8% | 0.8% | 0.9% | 0.5% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



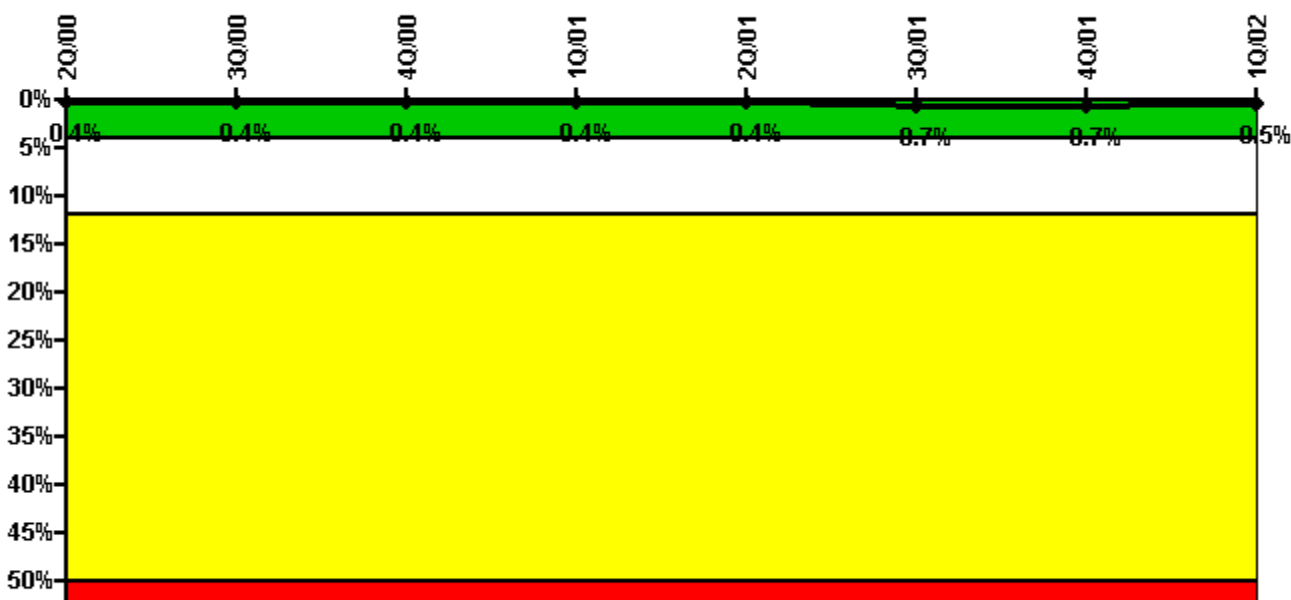
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 9.75 | 3.40 | 3.40 | 18.89 | 3.20 | 3.52 | 6.36 | 7.78 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2147.75 | 1839.08 | 2076.65 | 2160.00 | 2183.00 | 2161.08 | 2100.93 | 2160.00 |
| | | | | | | | | |
| Indicator value | 1.6% | 1.6% | 1.6% | 1.2% | 1.2% | 1.2% | 1.1% | 0.8% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



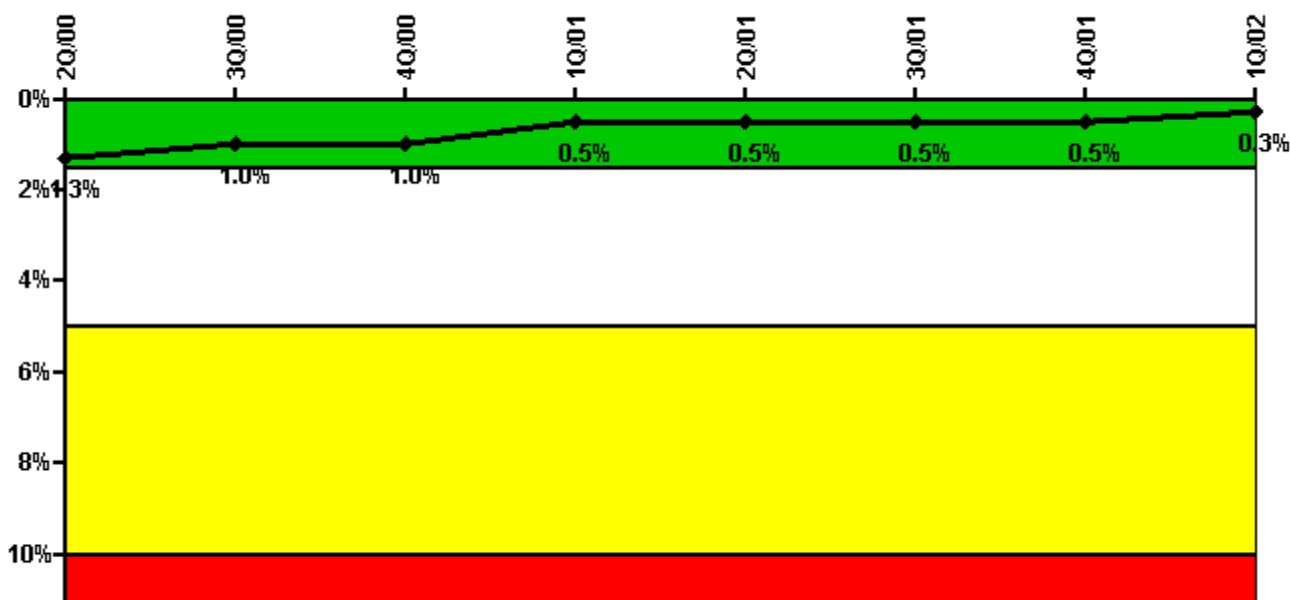
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 6.75 | 2.17 | 17.17 | 2.20 | 71.09 | 8.68 | 12.14 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2147.75 | 1839.08 | 2076.65 | 2160.00 | 2183.00 | 2161.08 | 2100.93 | 2160.00 |
| | | | | | | | | |
| Indicator value | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.7% | 0.7% | 0.5% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



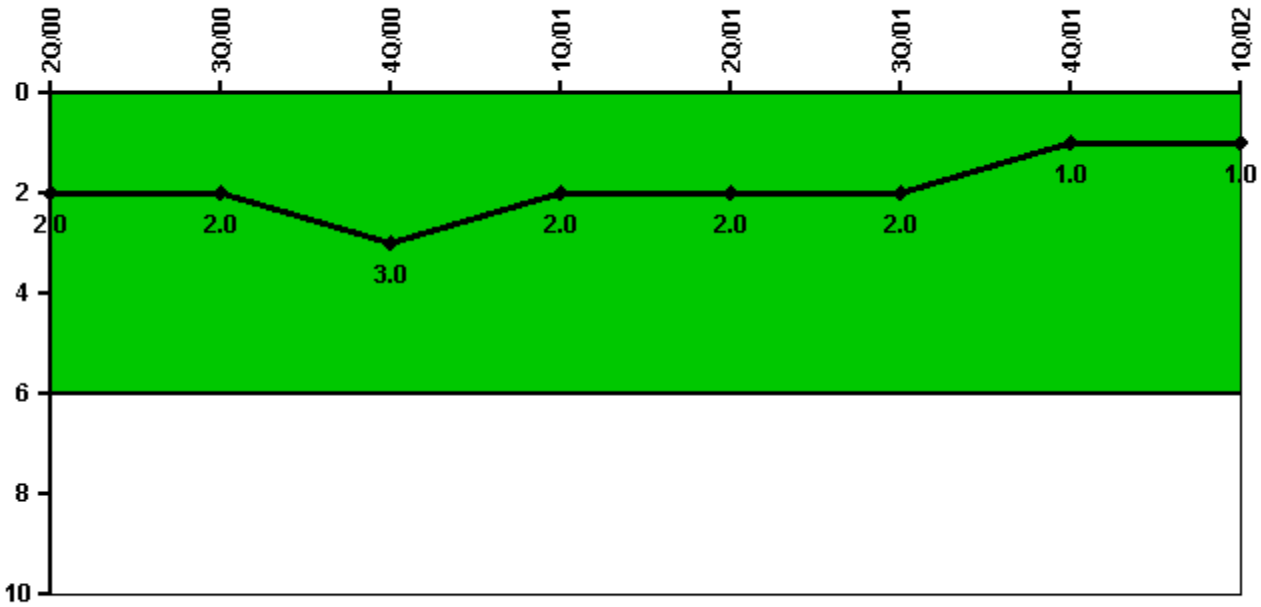
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 1.67 | 0 | 24.00 | 0 | 0 | 12.35 | 20.73 |
| Unplanned unavailable hours | 0 | 0 | 1.50 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2163.00 | 2065.00 | 2113.75 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 55.25 | 0 | 0 | 0 | 0 | 0 | 0 | 5.80 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 3.25 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 1991.00 | 2190.00 | 2160.00 | 2183.00 | 2208.00 | 2121.67 | 2160.00 |
| | | | | | | | | |
| Indicator value | 1.3% | 1.0% | 1.0% | 0.5% | 0.5% | 0.5% | 0.5% | 0.3% |

Licensee Comments: none

Safety System Functional Failures (BWR)



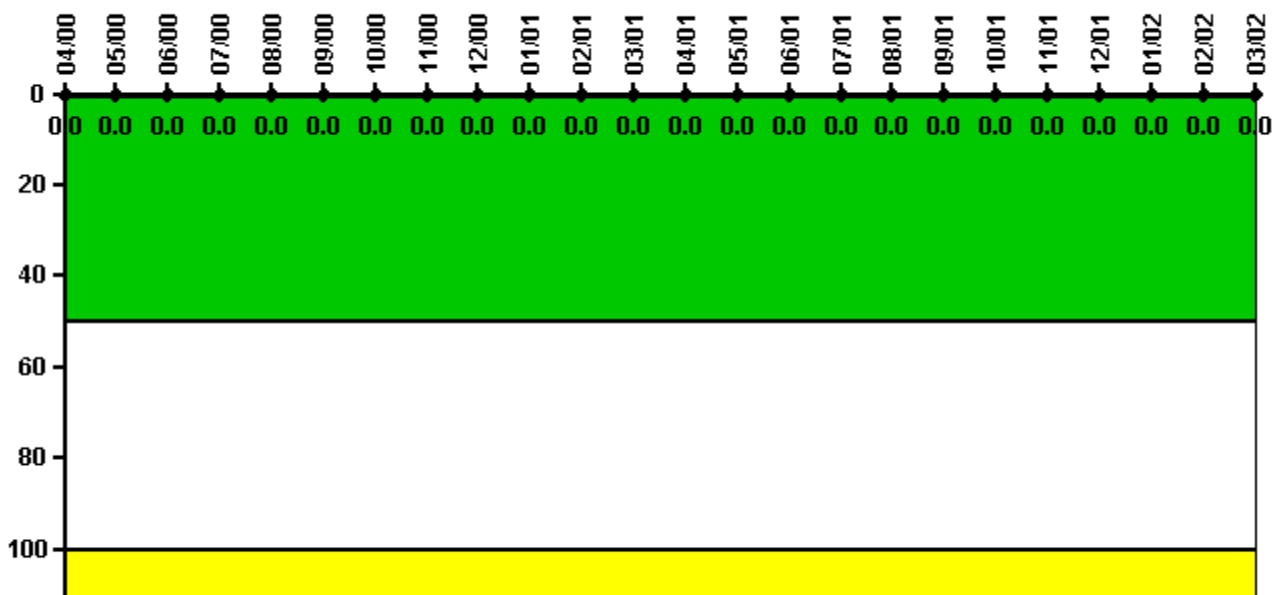
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 1 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

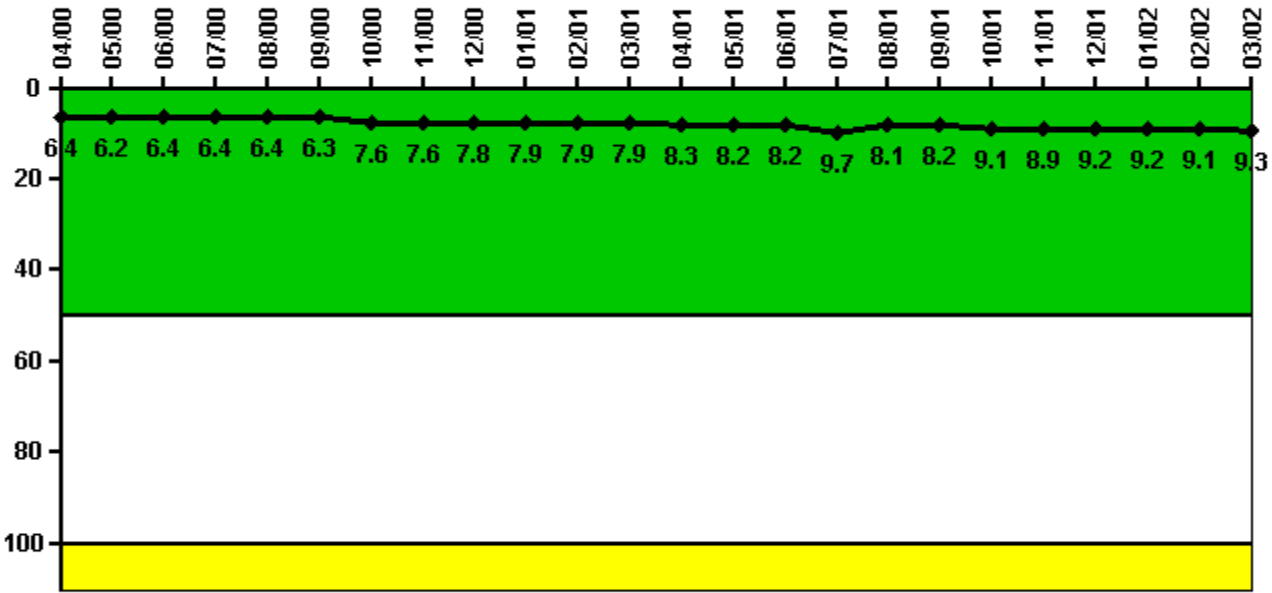
Notes

| Reactor Coolant System Activity | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000004 | 0.000008 | 0.000004 | 0.000008 | 0.000011 | 0.000002 | 0.000013 | 0.000006 | 0.000003 | 0.000004 | 0.000008 | 0.000007 |
| 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 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000007 | 0.000003 | 0.000006 | 0.000011 | 0.000004 | 0.000003 | 0.000002 | 0.000004 | 0.000005 | 0.000013 | 0.000002 | 0.000002 |
| 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

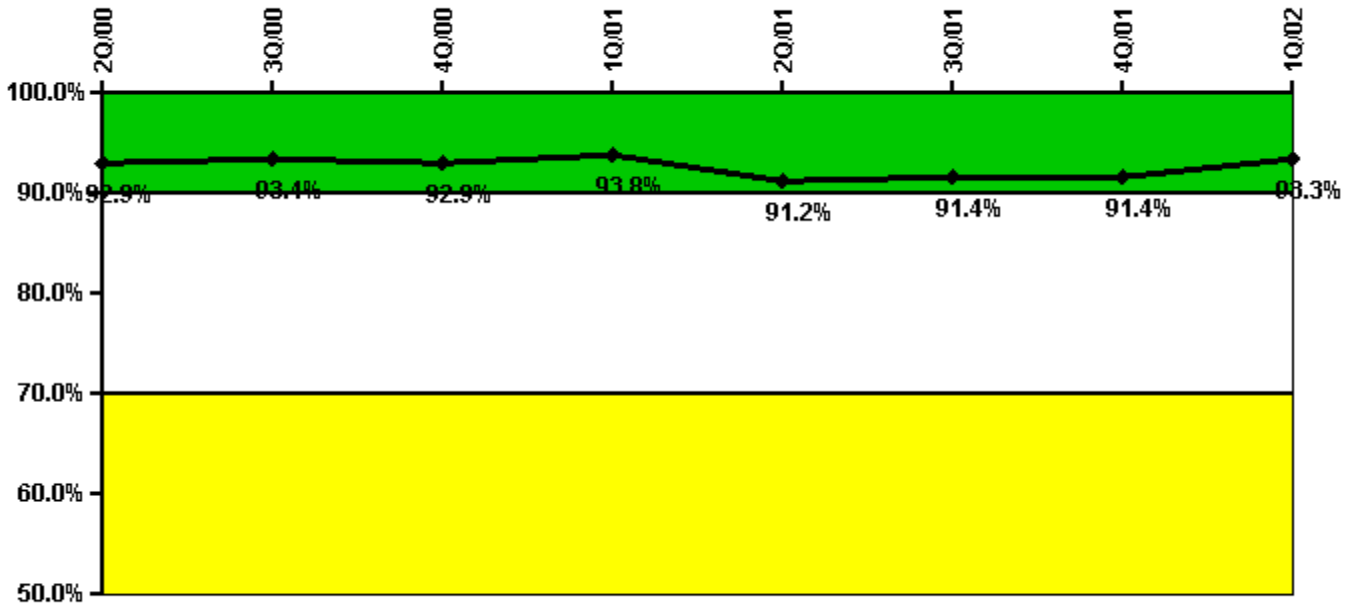
Notes

| Reactor Coolant System Leakage | 4/00 | 5/00 | 6/00 | 7/00 | 8/00 | 9/00 | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.590 | 1.560 | 1.590 | 1.600 | 1.600 | 1.570 | 1.890 | 1.910 | 1.940 | 1.970 | 1.970 | 1.970 |
| 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 | 6.4 | 6.2 | 6.4 | 6.4 | 6.4 | 6.3 | 7.6 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 |

| Reactor Coolant System Leakage | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.080 | 2.040 | 2.040 | 2.420 | 2.020 | 2.040 | 2.270 | 2.230 | 2.290 | 2.290 | 2.280 | 2.320 |
| 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 | 8.3 | 8.2 | 8.2 | 9.7 | 8.1 | 8.2 | 9.1 | 8.9 | 9.2 | 9.2 | 9.1 | 9.3 |

Licensee Comments: none

Drill/Exercise Performance



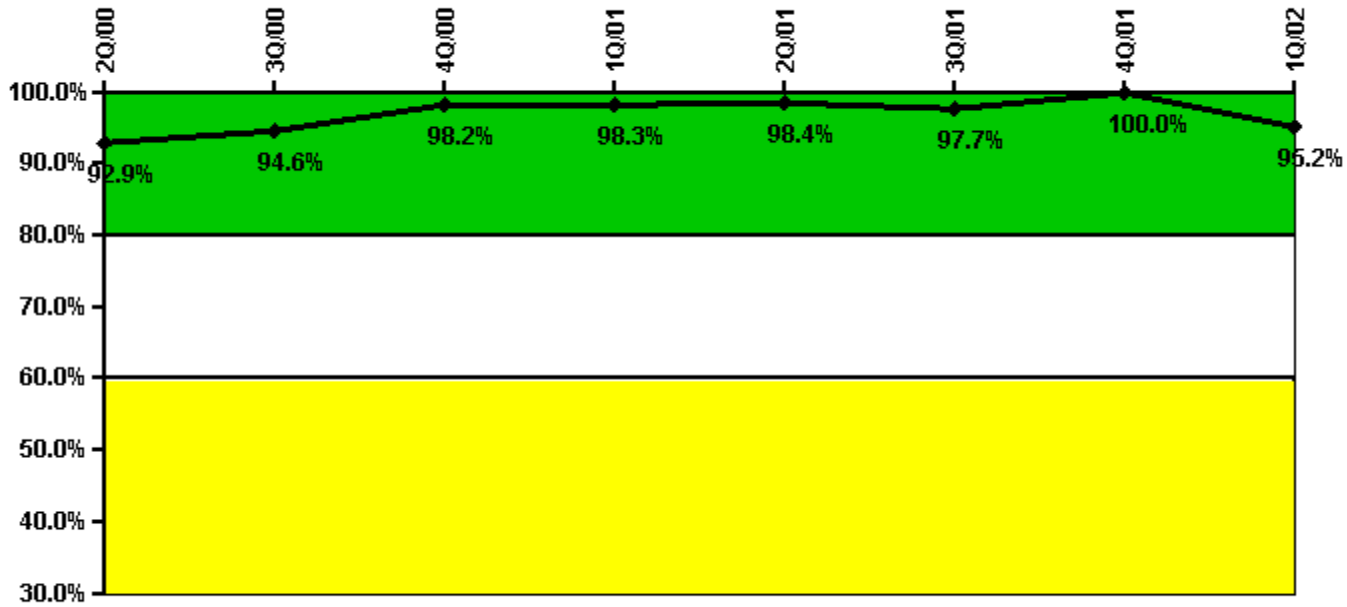
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 36.0 | 16.0 | 2.0 | 31.0 | 13.0 | 2.0 | 6.0 | 34.0 |
| Total opportunities | 40.0 | 18.0 | 2.0 | 32.0 | 16.0 | 2.0 | 6.0 | 34.0 |
| | | | | | | | | |
| Indicator value | 92.9% | 93.4% | 92.9% | 93.8% | 91.2% | 91.4% | 91.4% | 93.3% |

Licensee Comments: none

ERO Drill Participation



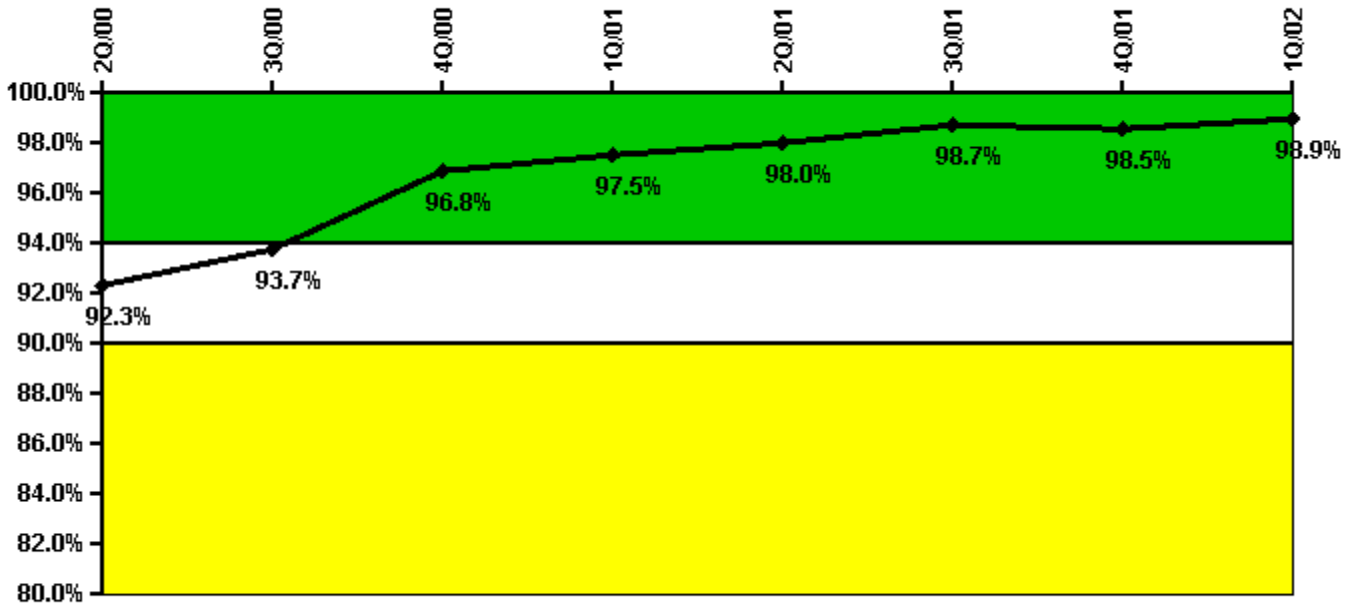
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|
| Participating Key personnel | 52.0 | 53.0 | 54.0 | 57.0 | 63.0 | 42.0 | 42.0 | 40.0 |
| Total Key personnel | 56.0 | 56.0 | 55.0 | 58.0 | 64.0 | 43.0 | 42.0 | 42.0 |
| | | | | | | | | |
| Indicator value | 92.9% | 94.6% | 98.2% | 98.3% | 98.4% | 97.7% | 100.0% | 95.2% |

Licensee Comments: none

Alert & Notification System



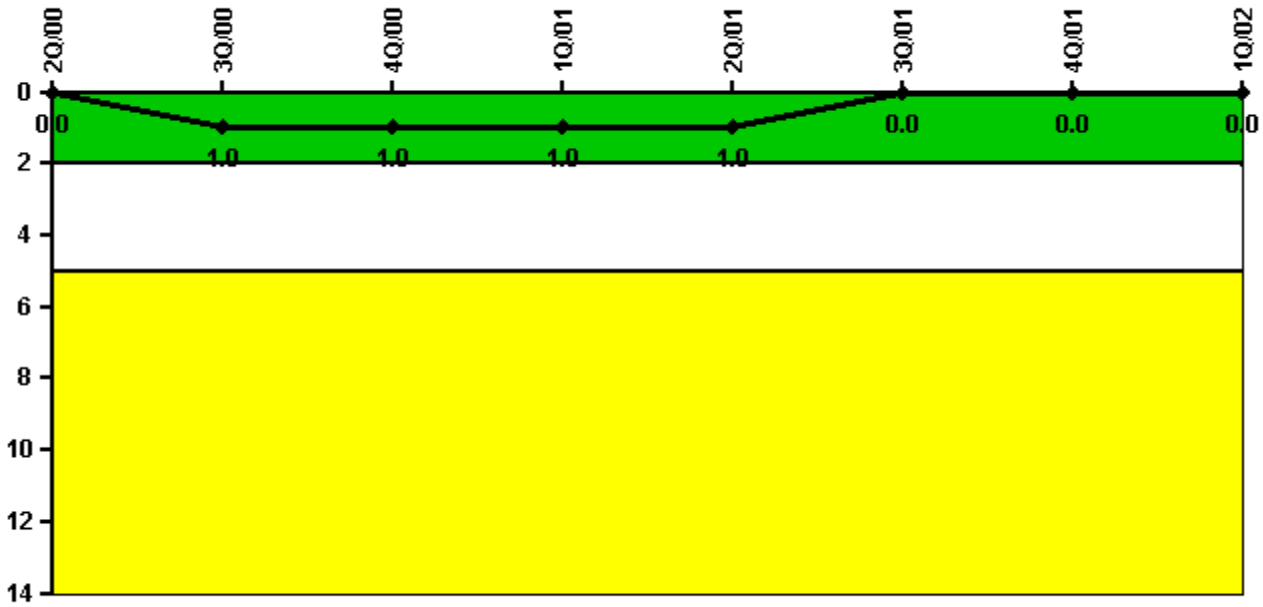
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 547 | 1479 | 2505 | 1239 | 1240 | 1236 | 1254 | 1256 |
| Total sirens-tests | 582 | 1552 | 2522 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 92.3% | 93.7% | 96.8% | 97.5% | 98.0% | 98.7% | 98.5% | 98.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



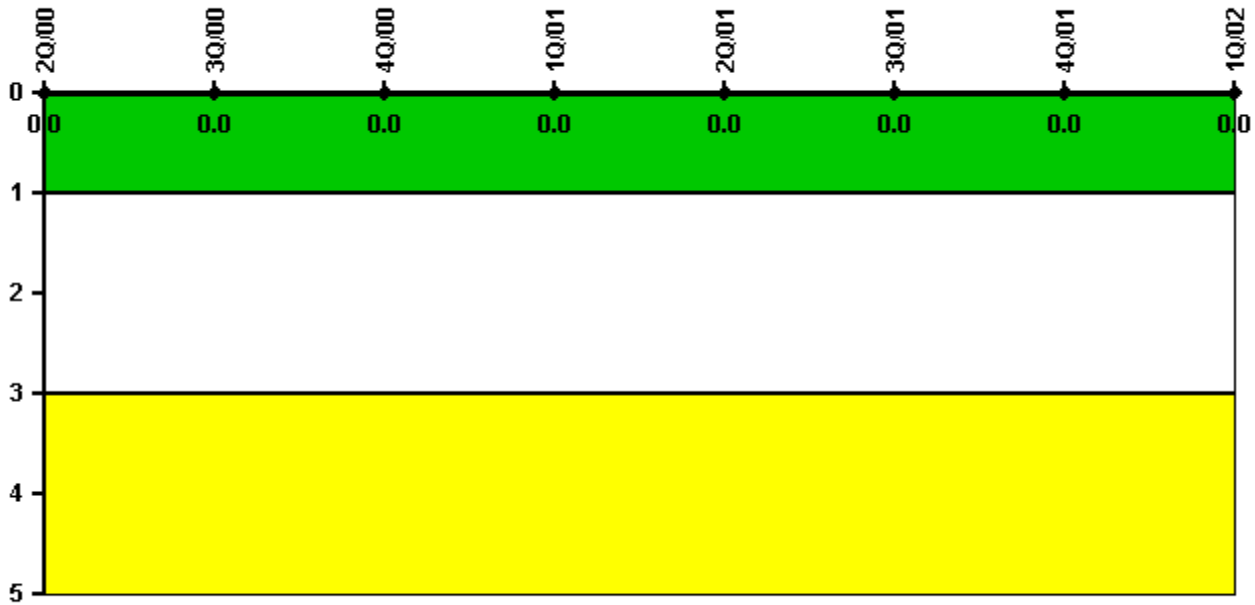
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



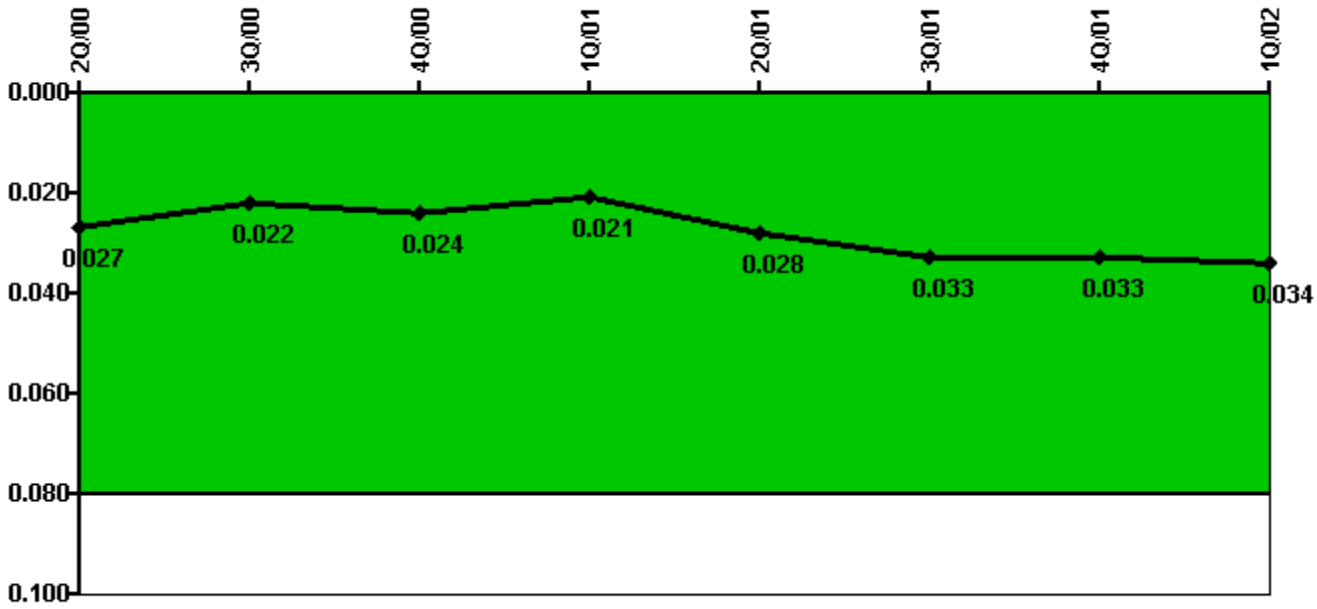
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



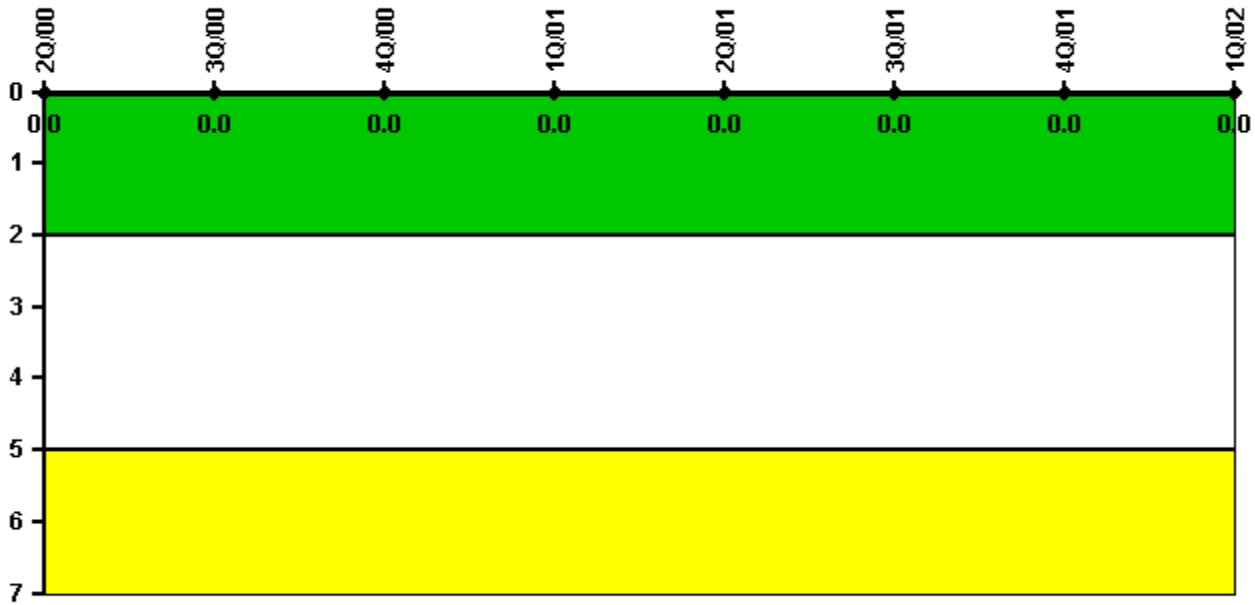
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 206.00 | 94.80 | 152.20 | 168.00 | 435.40 | 244.60 | 153.20 | 179.80 |
| CCTV compensatory hours | 6.4 | 12.6 | 20.7 | 0.4 | 4.4 | 23.8 | 20.6 | 19.5 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | | | |
| Index Value | 0.027 | 0.022 | 0.024 | 0.021 | 0.028 | 0.033 | 0.033 | 0.034 |

Licensee Comments: none

Personnel Screening Program



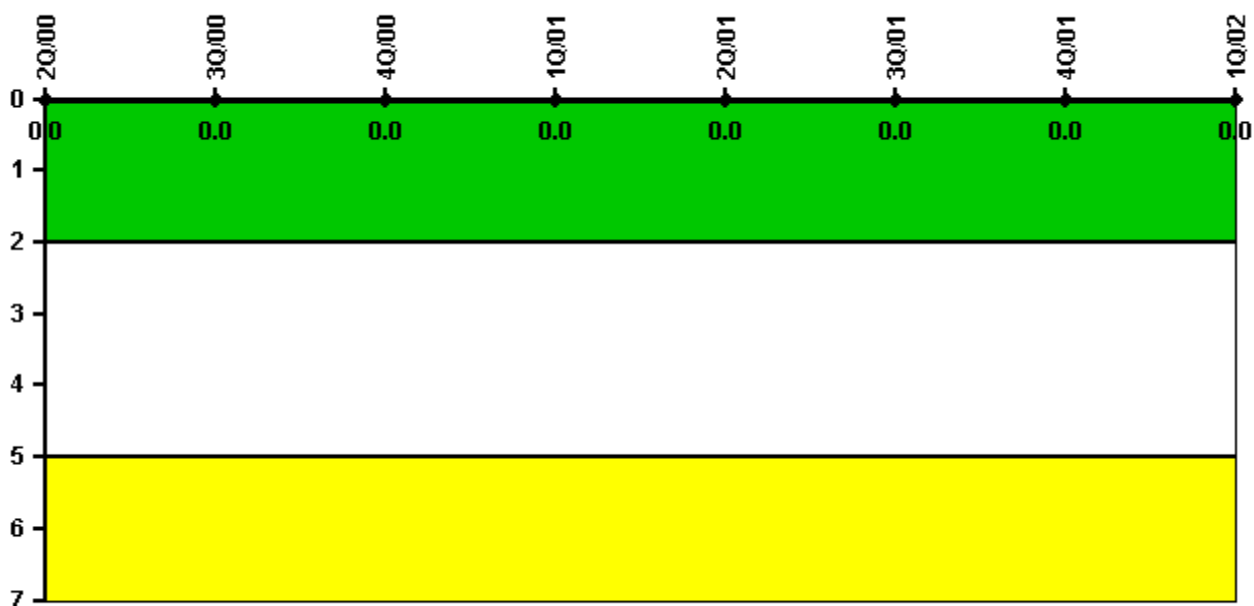
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 2Q/00 | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

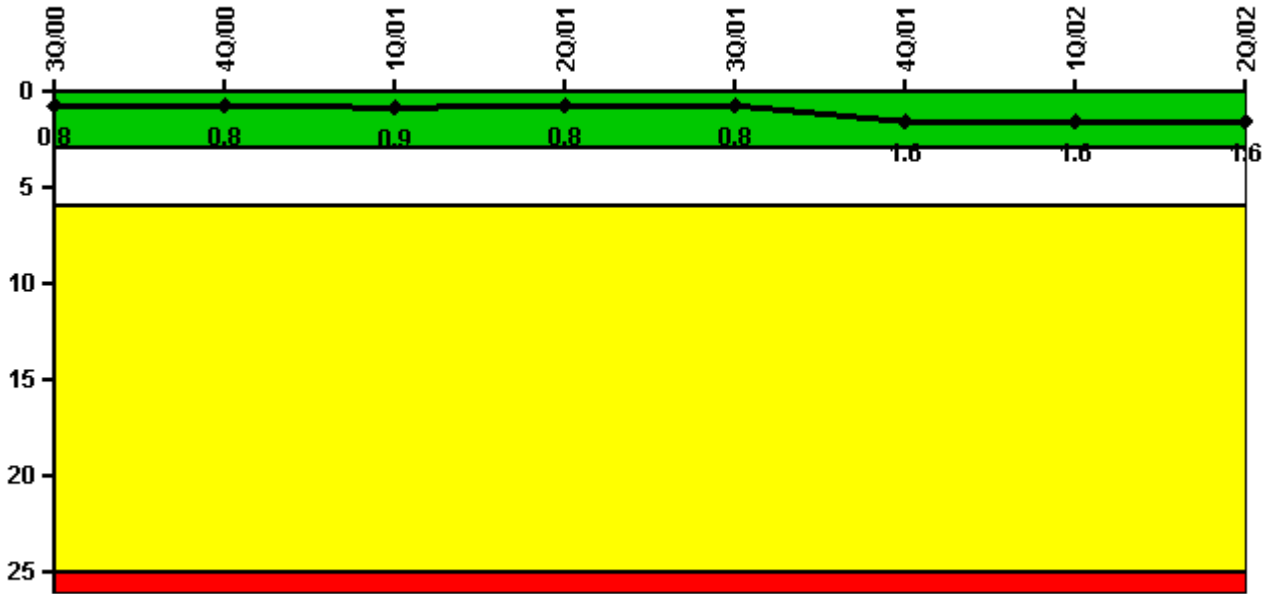
Last Modified: May 1, 2002

Peach Bottom 2

2Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



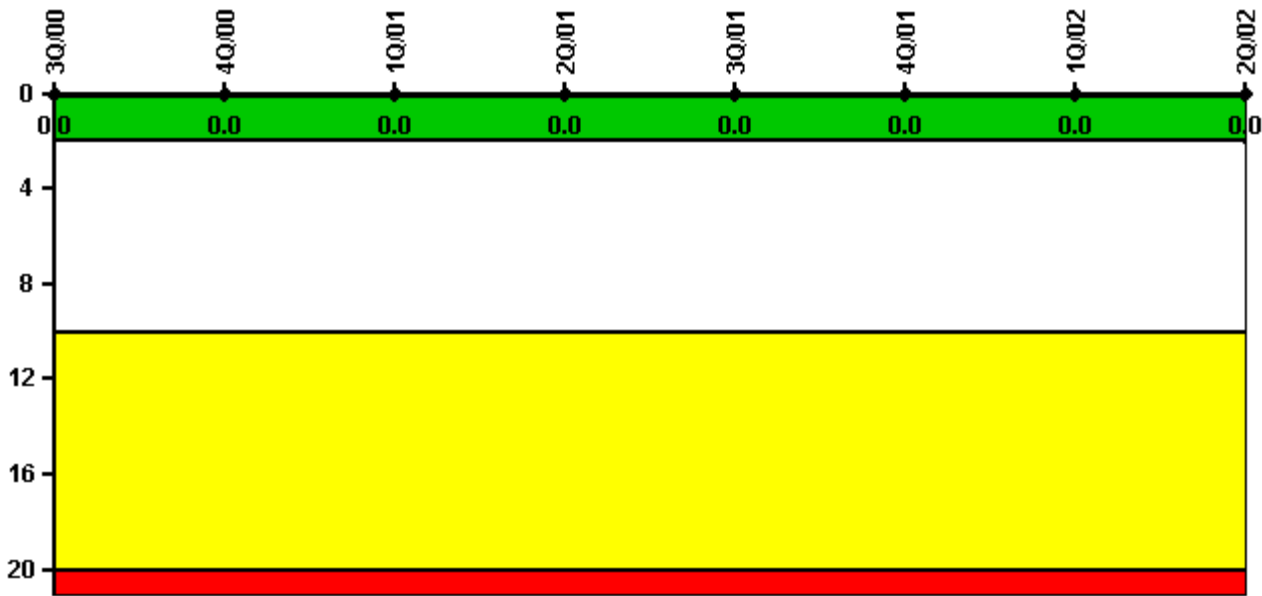
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 1.0 | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 |
| Critical hours | 1839.1 | 2076.7 | 2160.0 | 2183.0 | 2161.1 | 2100.9 | 2160.0 | 2183.0 |
| Indicator value | 0.8 | 0.8 | 0.9 | 0.8 | 0.8 | 1.6 | 1.6 | 1.6 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



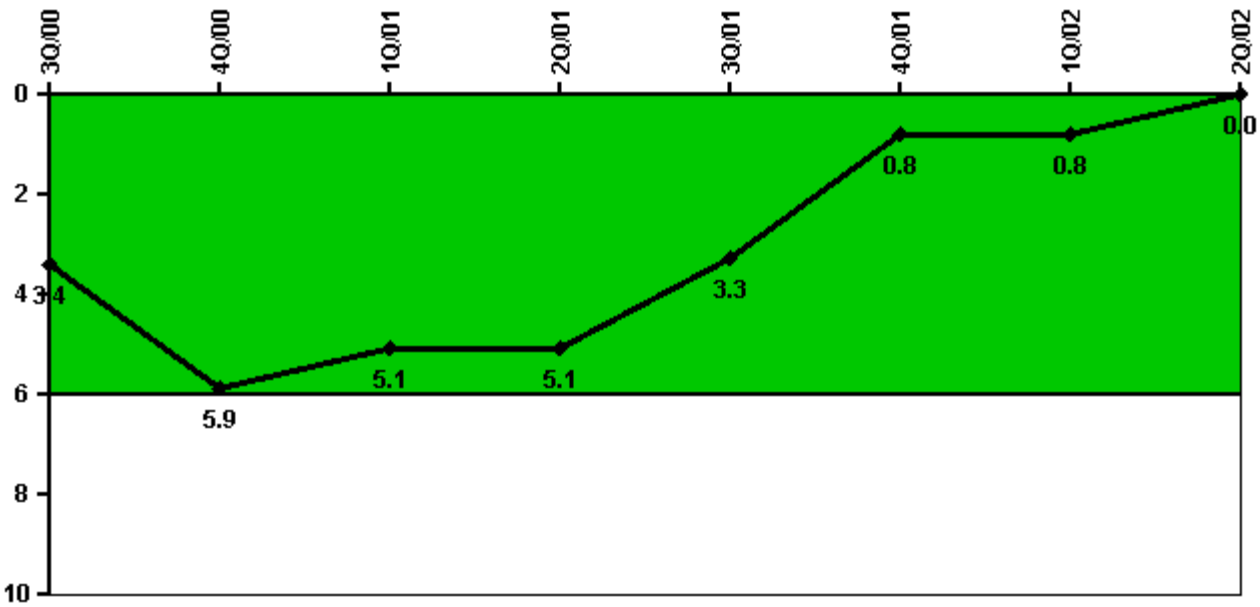
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



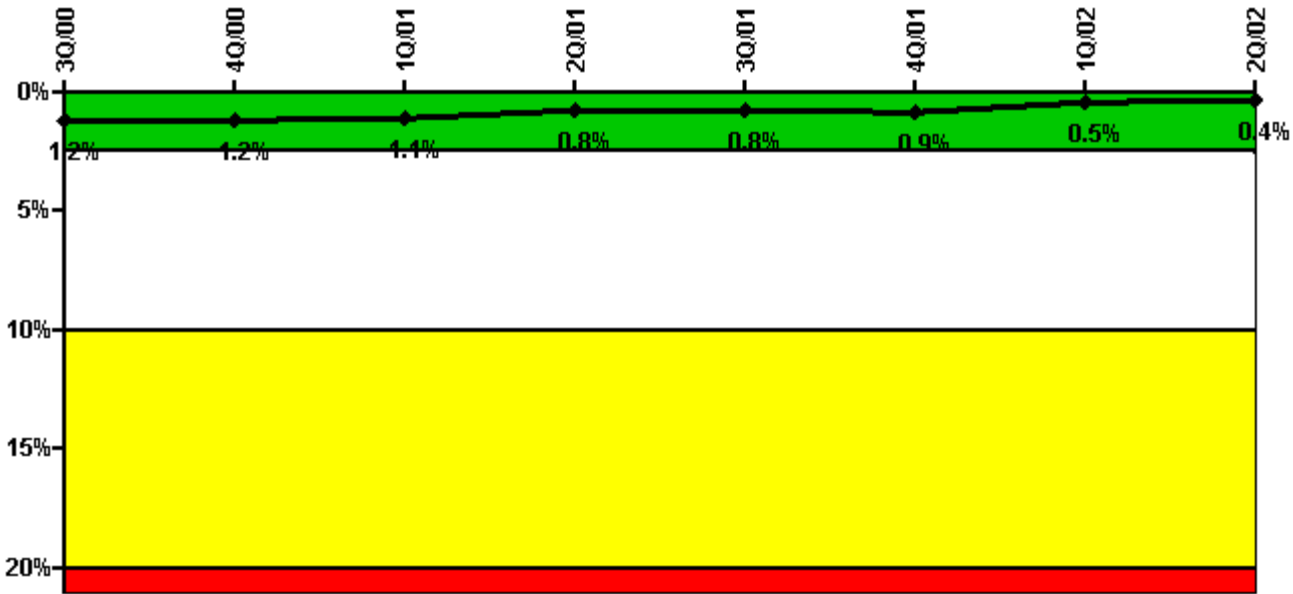
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 2.0 | 3.0 | 0 | 1.0 | 0 | 0 | 0 | 0 |
| Critical hours | 1839.1 | 2076.7 | 2160.0 | 2183.0 | 2161.1 | 2100.9 | 2160.0 | 2183.0 |
| Indicator value | 3.4 | 5.9 | 5.1 | 5.1 | 3.3 | 0.8 | 0.8 | 0 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

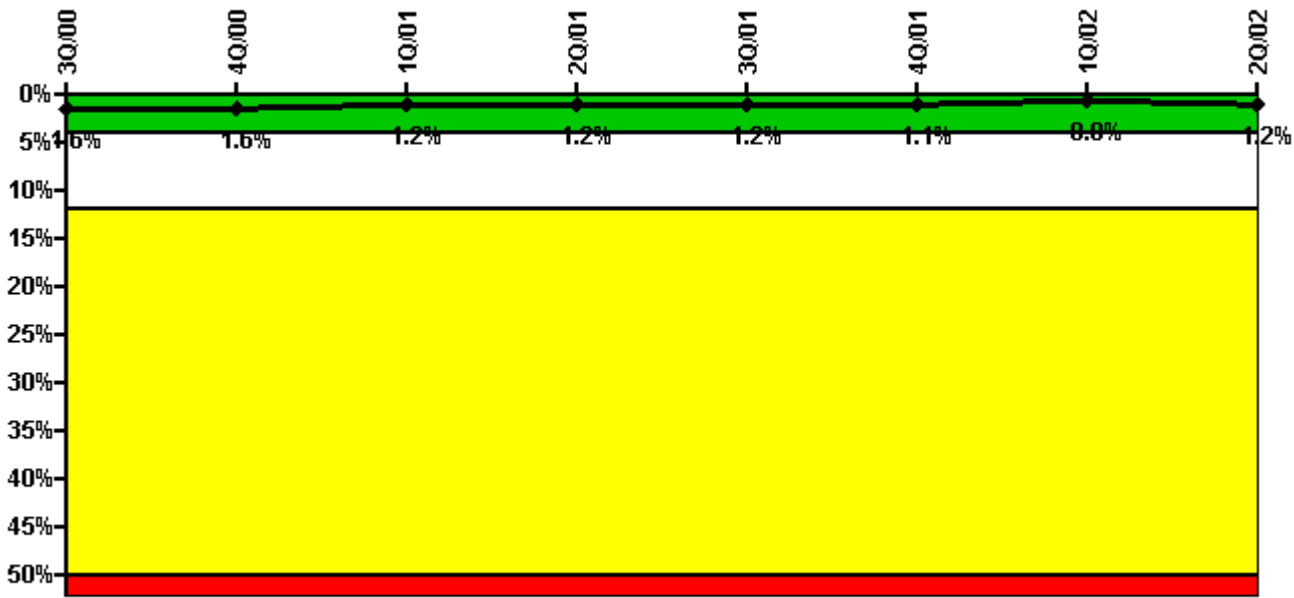
| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 5.75 | 1.75 | 0 | 12.75 | 0.10 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 19.00 | 0 | 8.00 | 0.10 | 0 | 11.25 | 26.75 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 4.00 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 129.00 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.50 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 6.50 | 0 | 0 | 20.00 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 10.25 | 33.00 | 0 | 0.10 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 7.00 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2027.75 | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 |

| | | | | | | | | |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | | | | |
| Indicator value | 1.2% | 1.2% | 1.1% | 0.8% | 0.8% | 0.9% | 0.5% | 0.4% |

Licensee Comments:

2Q/02: Train 2 - balance generator Train 3 - inadvertant injection of CARDOX into room

Safety System Unavailability, High Pressure Injection System (HPCI)



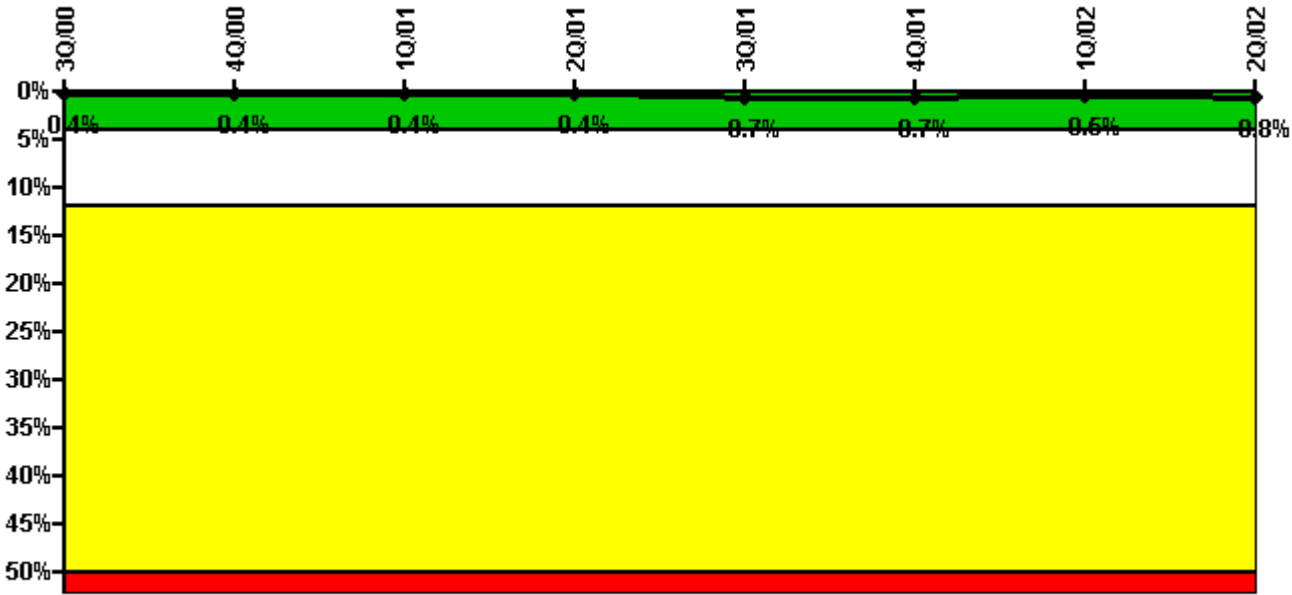
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 3.40 | 3.40 | 18.89 | 3.20 | 3.52 | 6.36 | 7.78 | 122.45 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1839.08 | 2076.65 | 2160.00 | 2183.00 | 2161.08 | 2100.93 | 2160.00 | 2183.00 |
| | | | | | | | | |
| Indicator value | 1.6% | 1.6% | 1.2% | 1.2% | 1.2% | 1.1% | 0.8% | 1.2% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



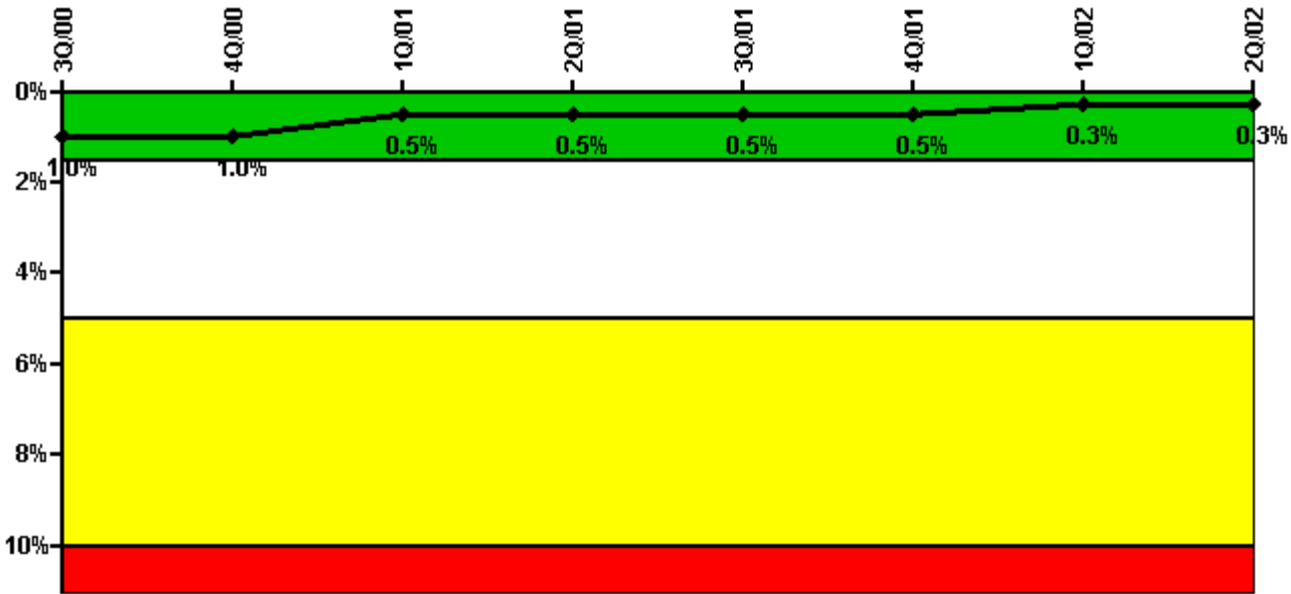
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 6.75 | 2.17 | 17.17 | 2.20 | 71.09 | 8.68 | 12.14 | 59.33 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1839.08 | 2076.65 | 2160.00 | 2183.00 | 2161.08 | 2100.93 | 2160.00 | 2183.00 |
| | | | | | | | | |
| Indicator value | 0.4% | 0.4% | 0.4% | 0.4% | 0.7% | 0.7% | 0.5% | 0.8% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

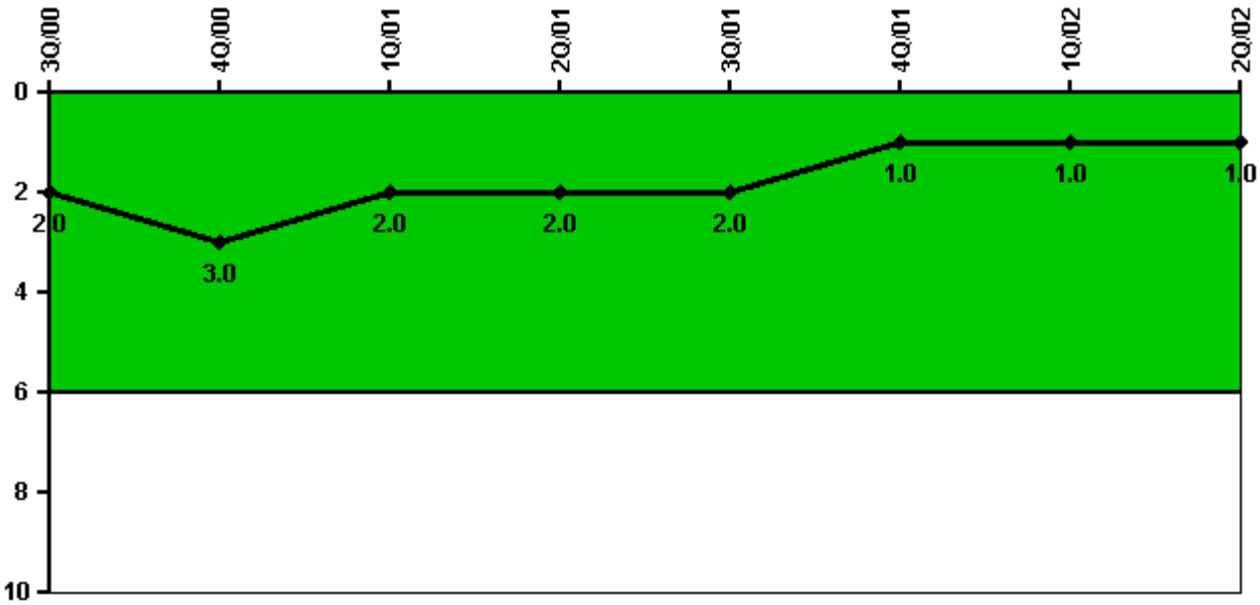
Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 1.67 | 0 | 24.00 | 0 | 0 | 12.35 | 20.73 | 1.40 |
| Unplanned unavailable hours | 0 | 1.50 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2065.00 | 2113.75 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 5.80 | 0.87 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 3.25 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1991.00 | 2190.00 | 2160.00 | 2183.00 | 2208.00 | 2121.67 | 2160.00 | 2183.00 |
| | | | | | | | | |
| Indicator value | 1.0% | 1.0% | 0.5% | 0.5% | 0.5% | 0.5% | 0.3% | 0.3% |

Licensee Comments:

2Q/02: 720-1HR DST =719

Safety System Functional Failures (BWR)



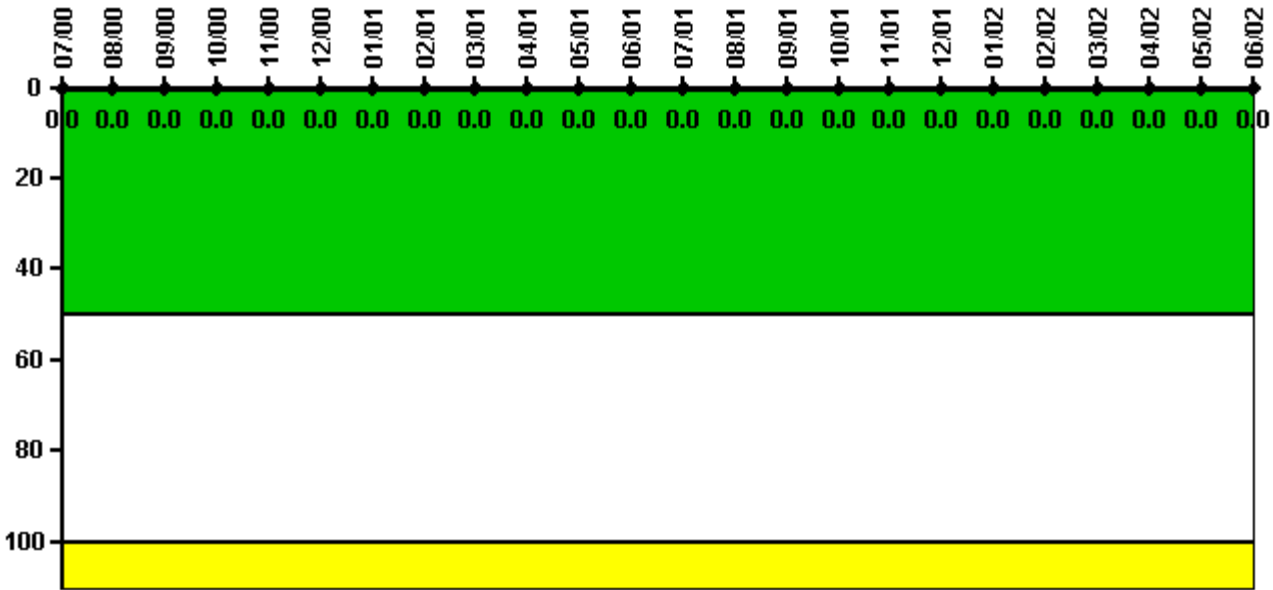
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| Indicator value | 2 | 3 | 2 | 2 | 2 | 1 | 1 | 1 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

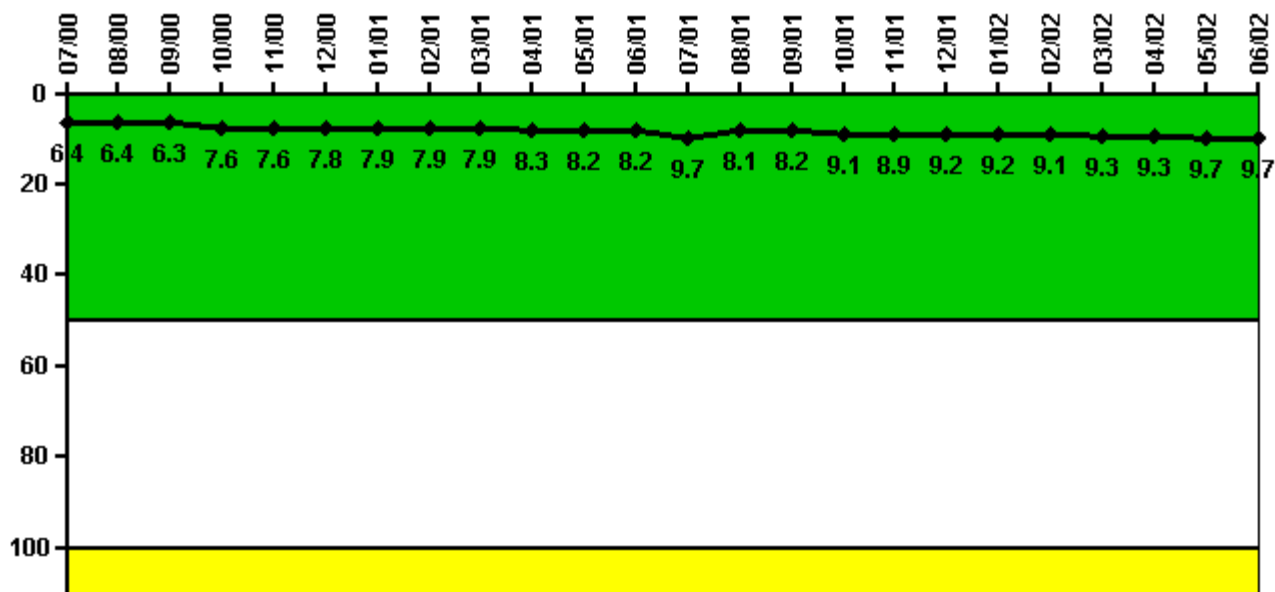
Notes

| Reactor Coolant System Activity | 7/00 | 8/00 | 9/00 | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000008 | 0.000011 | 0.000002 | 0.000013 | 0.000006 | 0.000003 | 0.000004 | 0.000008 | 0.000007 | 0.000007 | 0.000003 | 0.000006 |
| 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 | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000011 | 0.000004 | 0.000003 | 0.000002 | 0.000004 | 0.000005 | 0.000013 | 0.000002 | 0.000002 | 0.000002 | 0.000002 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

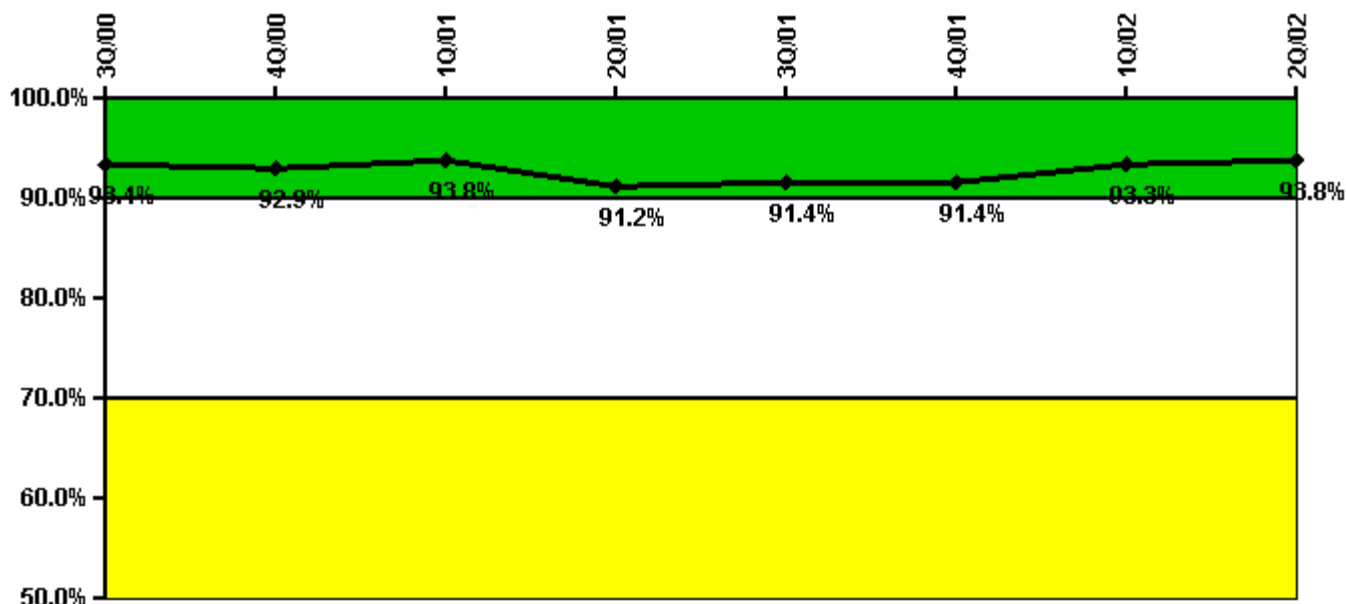
Notes

| Reactor Coolant System Leakage | 7/00 | 8/00 | 9/00 | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.600 | 1.600 | 1.570 | 1.890 | 1.910 | 1.940 | 1.970 | 1.970 | 1.970 | 2.080 | 2.040 | 2.040 |
| 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 | 6.4 | 6.4 | 6.3 | 7.6 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 8.3 | 8.2 | 8.2 |

| Reactor Coolant System Leakage | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.420 | 2.020 | 2.040 | 2.270 | 2.230 | 2.290 | 2.290 | 2.280 | 2.320 | 2.330 | 2.420 | 2.420 |
| 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 | 9.7 | 8.1 | 8.2 | 9.1 | 8.9 | 9.2 | 9.2 | 9.1 | 9.3 | 9.3 | 9.7 | 9.7 |

Licensee Comments: none

Drill/Exercise Performance



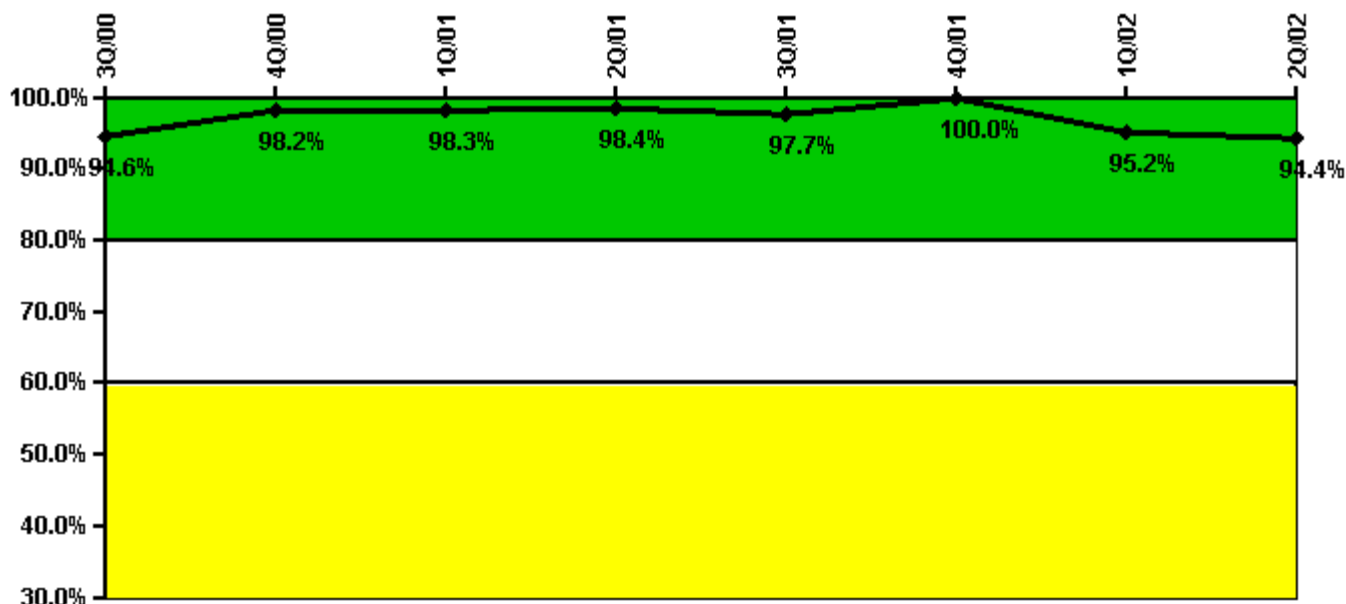
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 16.0 | 2.0 | 31.0 | 13.0 | 2.0 | 6.0 | 34.0 | 1.0 |
| Total opportunities | 18.0 | 2.0 | 32.0 | 16.0 | 2.0 | 6.0 | 34.0 | 2.0 |
| | | | | | | | | |
| Indicator value | 93.4% | 92.9% | 93.8% | 91.2% | 91.4% | 91.4% | 93.3% | 93.8% |

Licensee Comments: none

ERO Drill Participation



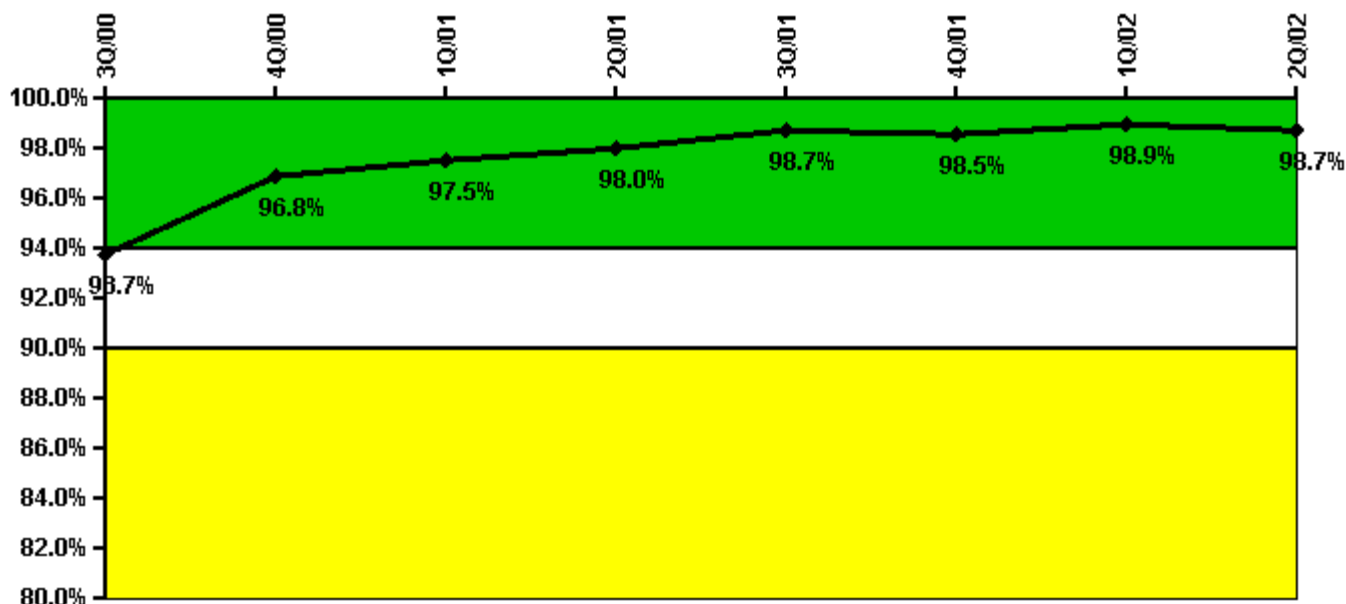
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|
| Participating Key personnel | 53.0 | 54.0 | 57.0 | 63.0 | 42.0 | 42.0 | 40.0 | 119.0 |
| Total Key personnel | 56.0 | 55.0 | 58.0 | 64.0 | 43.0 | 42.0 | 42.0 | 126.0 |
| | | | | | | | | |
| Indicator value | 94.6% | 98.2% | 98.3% | 98.4% | 97.7% | 100.0% | 95.2% | 94.4% |

Licensee Comments: none

Alert & Notification System



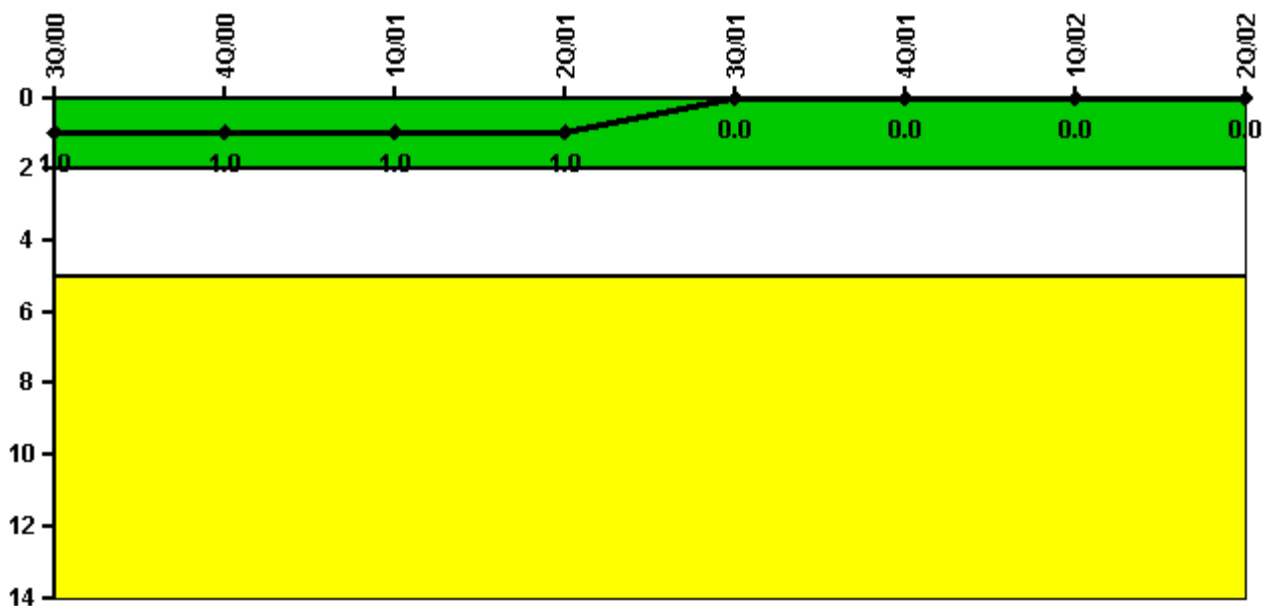
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1479 | 2505 | 1239 | 1240 | 1236 | 1254 | 1256 | 1233 |
| Total sirens-tests | 1552 | 2522 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 93.7% | 96.8% | 97.5% | 98.0% | 98.7% | 98.5% | 98.9% | 98.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



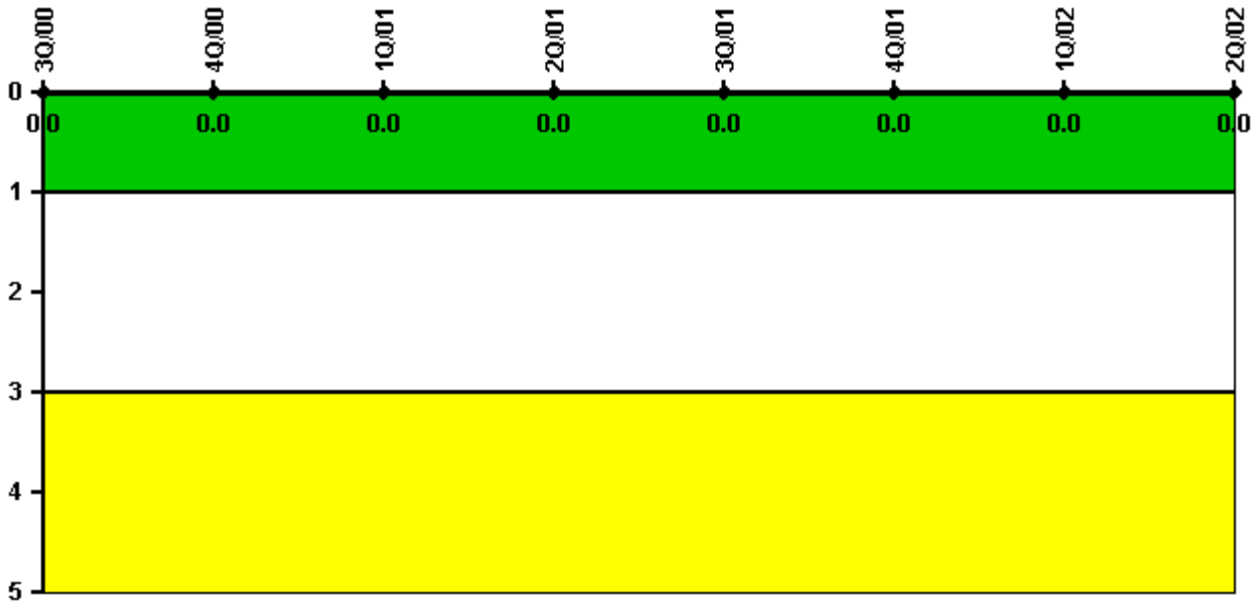
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



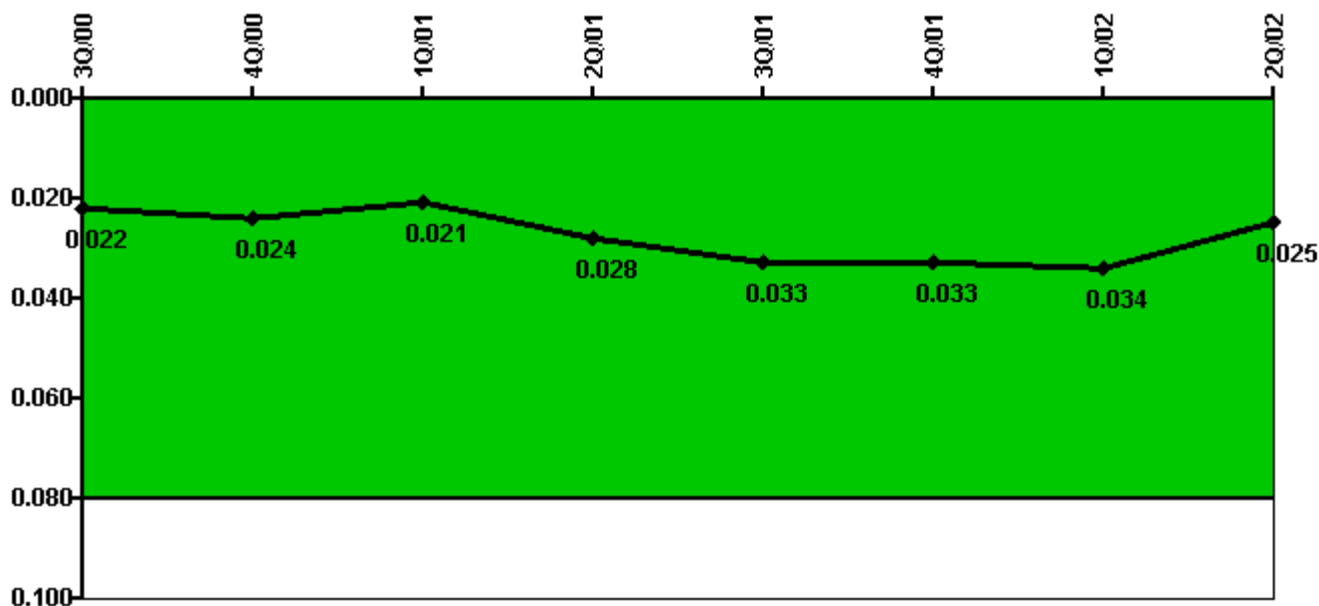
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



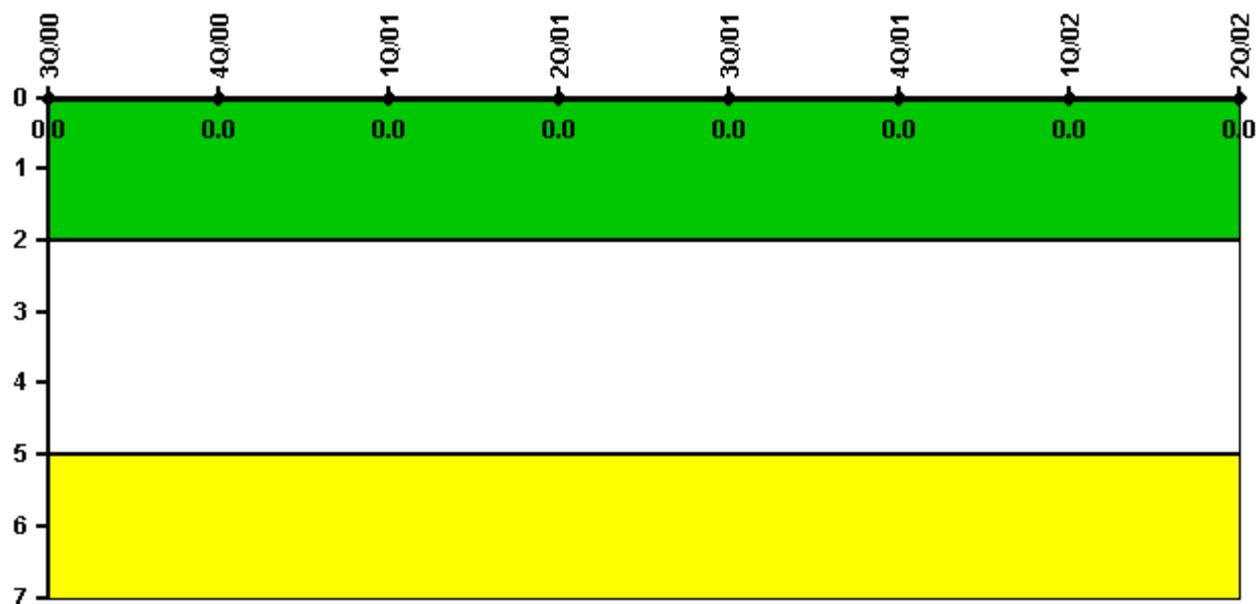
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 94.80 | 152.20 | 168.00 | 435.40 | 244.60 | 153.20 | 179.80 | 130.60 |
| CCTV compensatory hours | 12.6 | 20.7 | 0.4 | 4.4 | 23.8 | 20.6 | 19.5 | 0.6 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | | | |
| Index Value | 0.022 | 0.024 | 0.021 | 0.028 | 0.033 | 0.033 | 0.034 | 0.025 |

Licensee Comments: none

Personnel Screening Program



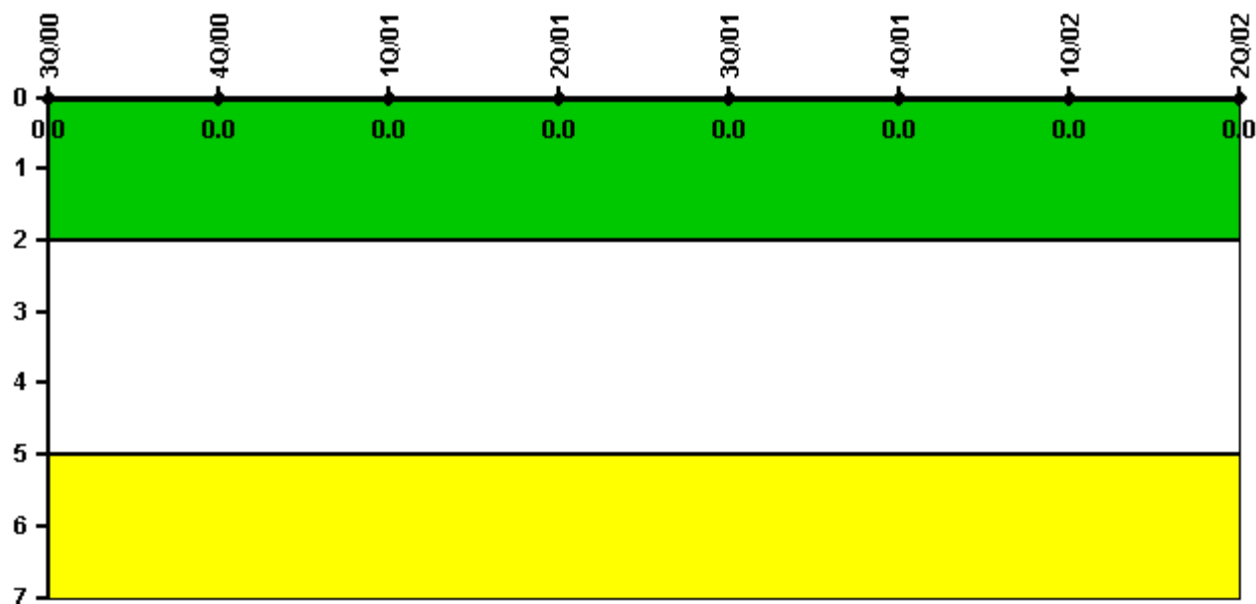
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 3Q/00 | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

Last Modified: July 31, 2002

Peach Bottom 2

3Q/2002 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/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2076.7 | 2160.0 | 2183.0 | 2161.1 | 2100.9 | 2160.0 | 2183.0 | 1719.1 |
| | | | | | | | | |
| Indicator value | 0.8 | 0.9 | 0.8 | 0.8 | 1.6 | 1.6 | 1.6 | 0.9 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



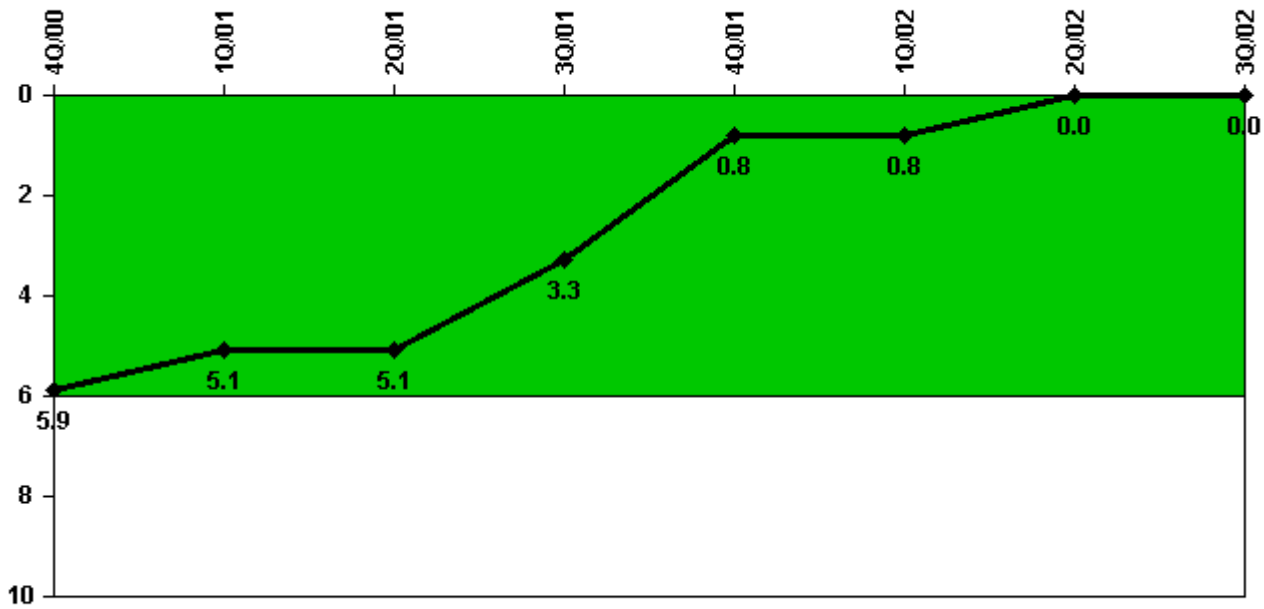
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



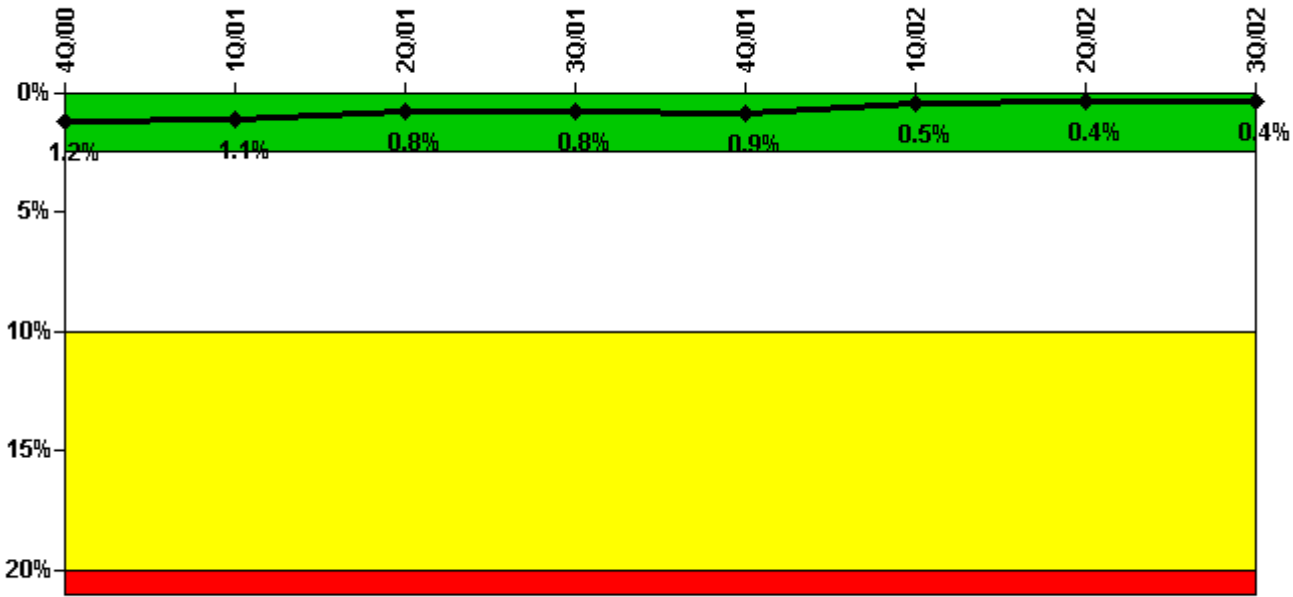
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|---|------------|------------|------------|------------|------------|------------|----------|----------|
| Unplanned power changes | 3.0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2076.7 | 2160.0 | 2183.0 | 2161.1 | 2100.9 | 2160.0 | 2183.0 | 1719.1 |
| | | | | | | | | |
| Indicator value | 5.9 | 5.1 | 5.1 | 3.3 | 0.8 | 0.8 | 0 | 0 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



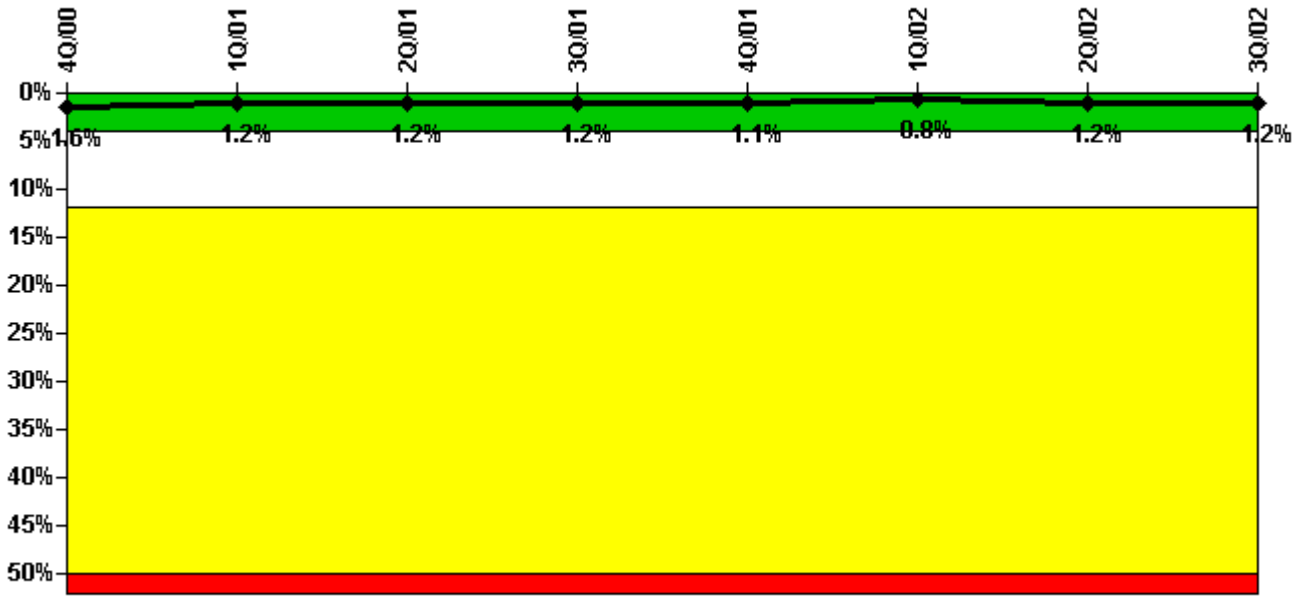
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 1.75 | 0 | 12.75 | 0.10 | 0 | 0 | 0 | 1.00 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 19.00 | 0 | 8.00 | 0.10 | 0 | 11.25 | 26.75 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 4.00 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 129.00 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0.50 | 0.50 |
| Unplanned unavailable hours | 0 | 0 | 0 | 6.50 | 0 | 0 | 20.00 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 10.25 | 33.00 | 0 | 0.10 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 7.00 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2153.00 | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 |
| Indicator value | 1.2% | 1.1% | 0.8% | 0.8% | 0.9% | 0.5% | 0.4% | 0.4% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



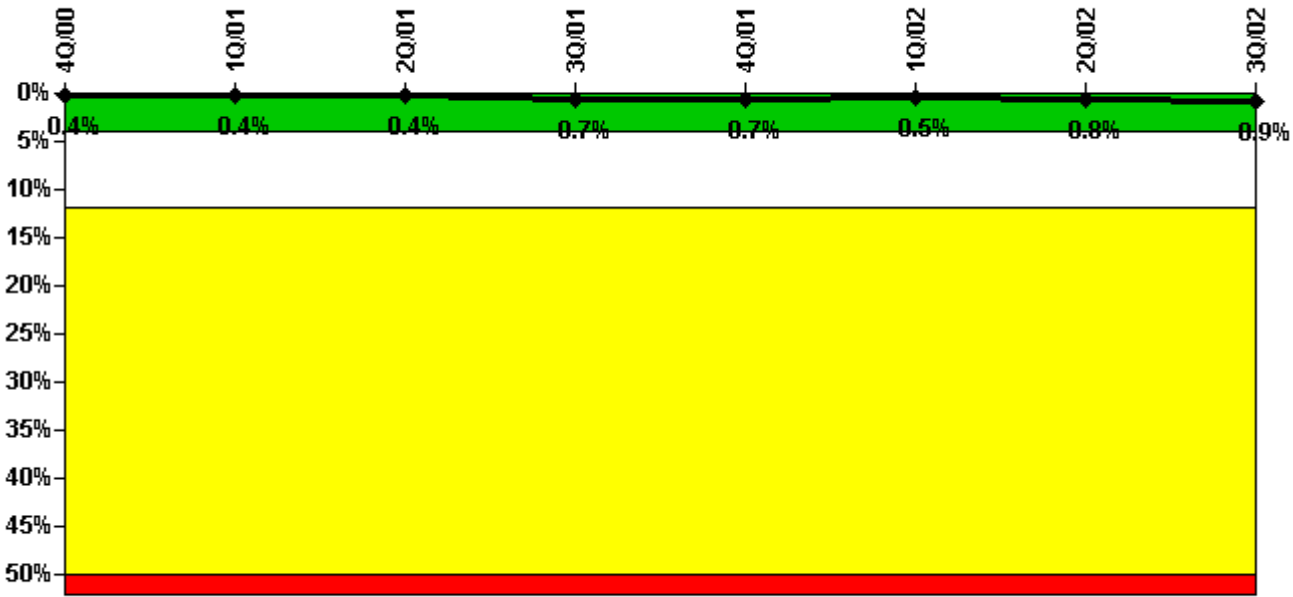
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 3.40 | 18.89 | 3.20 | 3.52 | 6.36 | 7.78 | 122.45 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2076.65 | 2160.00 | 2183.00 | 2161.08 | 2100.93 | 2160.00 | 2183.00 | 1719.08 |
| | | | | | | | | |
| Indicator value | 1.6% | 1.2% | 1.2% | 1.2% | 1.1% | 0.8% | 1.2% | 1.2% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



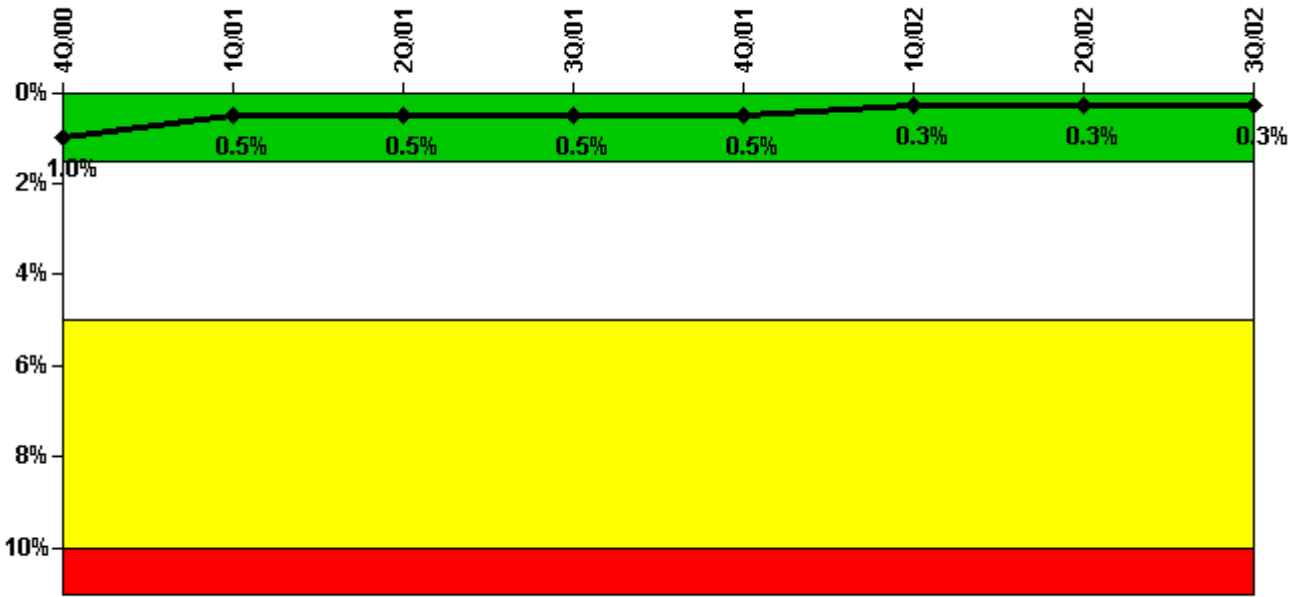
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 2.17 | 17.17 | 2.20 | 71.09 | 8.68 | 12.14 | 59.33 | 33.88 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2076.65 | 2160.00 | 2183.00 | 2161.08 | 2100.93 | 2160.00 | 2183.00 | 1719.08 |
| | | | | | | | | |
| Indicator value | 0.4% | 0.4% | 0.4% | 0.7% | 0.7% | 0.5% | 0.8% | 0.9% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

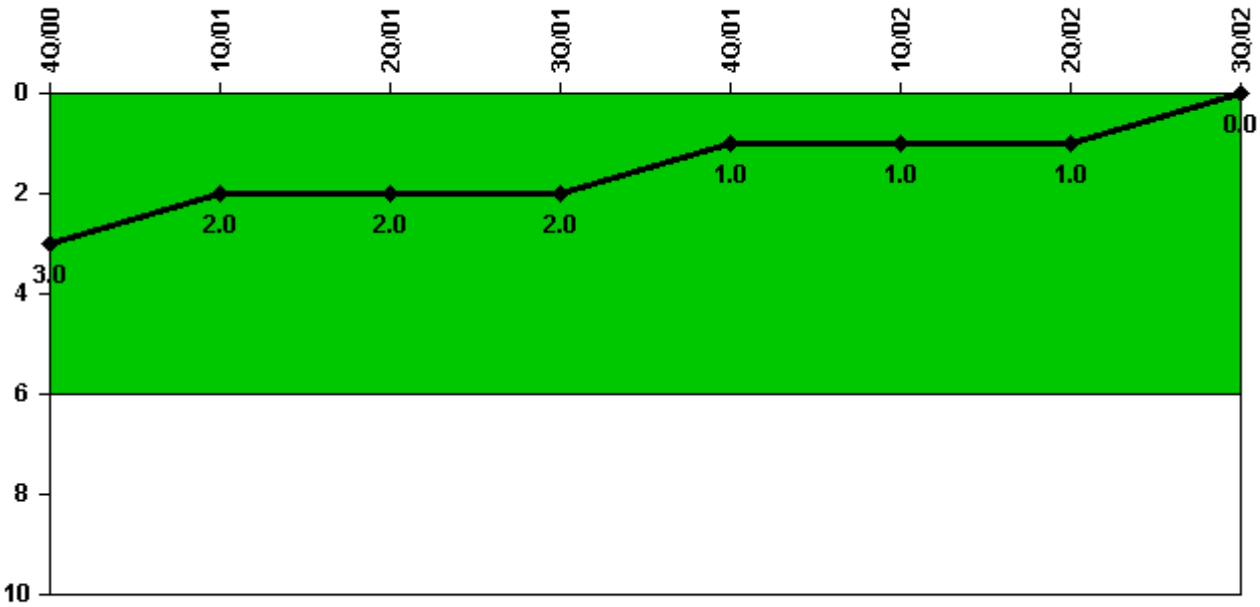
Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 24.00 | 0 | 0 | 12.35 | 20.73 | 1.40 | 0 |
| Unplanned unavailable hours | 1.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2113.75 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 5.80 | 0.87 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 3.25 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2190.00 | 2160.00 | 2183.00 | 2208.00 | 2121.67 | 2160.00 | 2183.00 | 1725.85 |
| | | | | | | | | |
| Indicator value | 1.0% | 0.5% | 0.5% | 0.5% | 0.5% | 0.3% | 0.3% | 0.3% |

Licensee Comments:

3Q/02: 9/2002-hours train required only 237.85 due to 2R14 outage

Safety System Functional Failures (BWR)



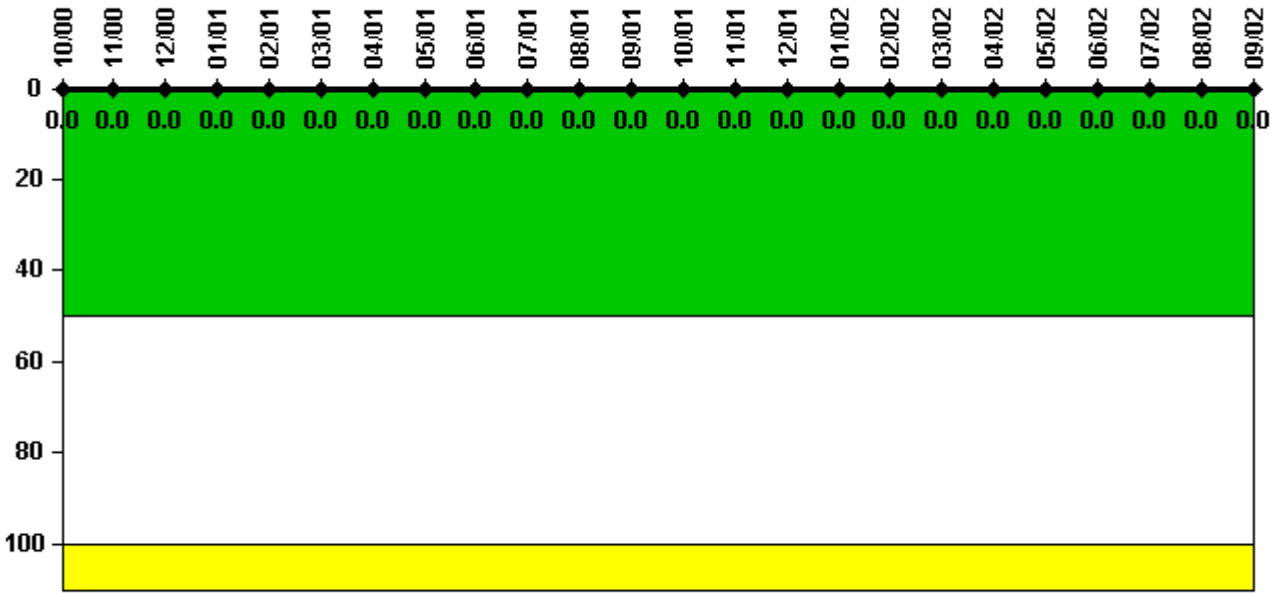
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Indicator value | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

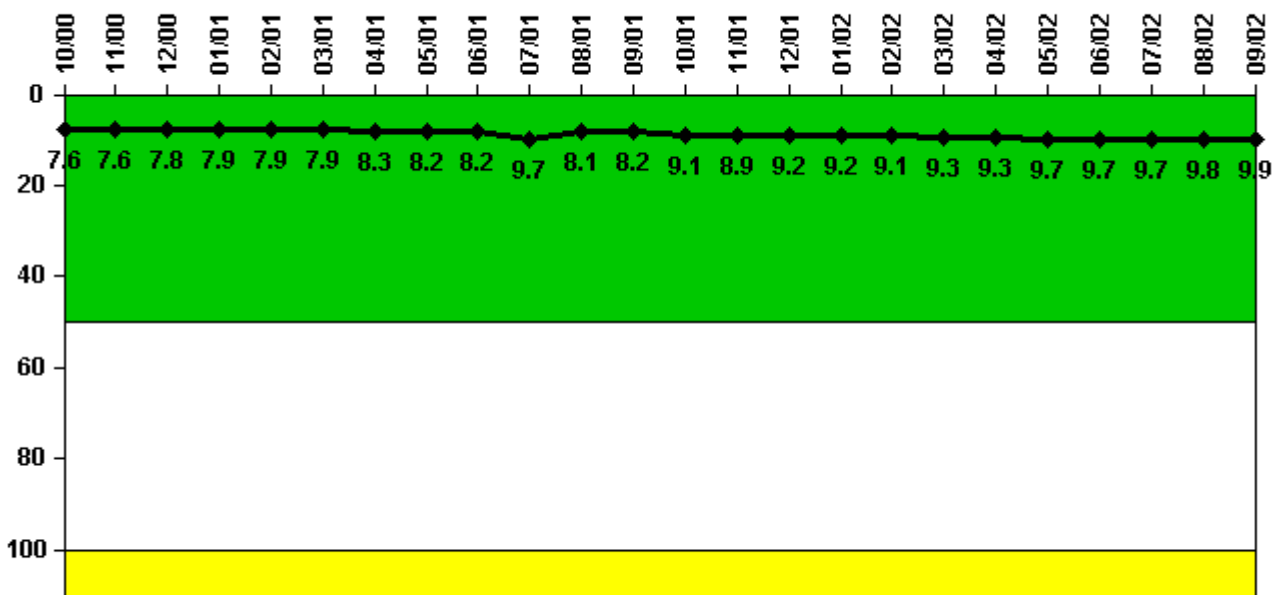
Notes

| Reactor Coolant System Activity | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000013 | 0.000006 | 0.000003 | 0.000004 | 0.000008 | 0.000007 | 0.000007 | 0.000003 | 0.000006 | 0.000011 | 0.000004 | 0.000003 |
| 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 | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 | 7/02 | 8/02 | 9/02 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000002 | 0.000004 | 0.000005 | 0.000013 | 0.000002 | 0.000002 | 0.000002 | 0.000002 | 0.000004 | 0.000005 | 0.000005 | 0.000001 |
| 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

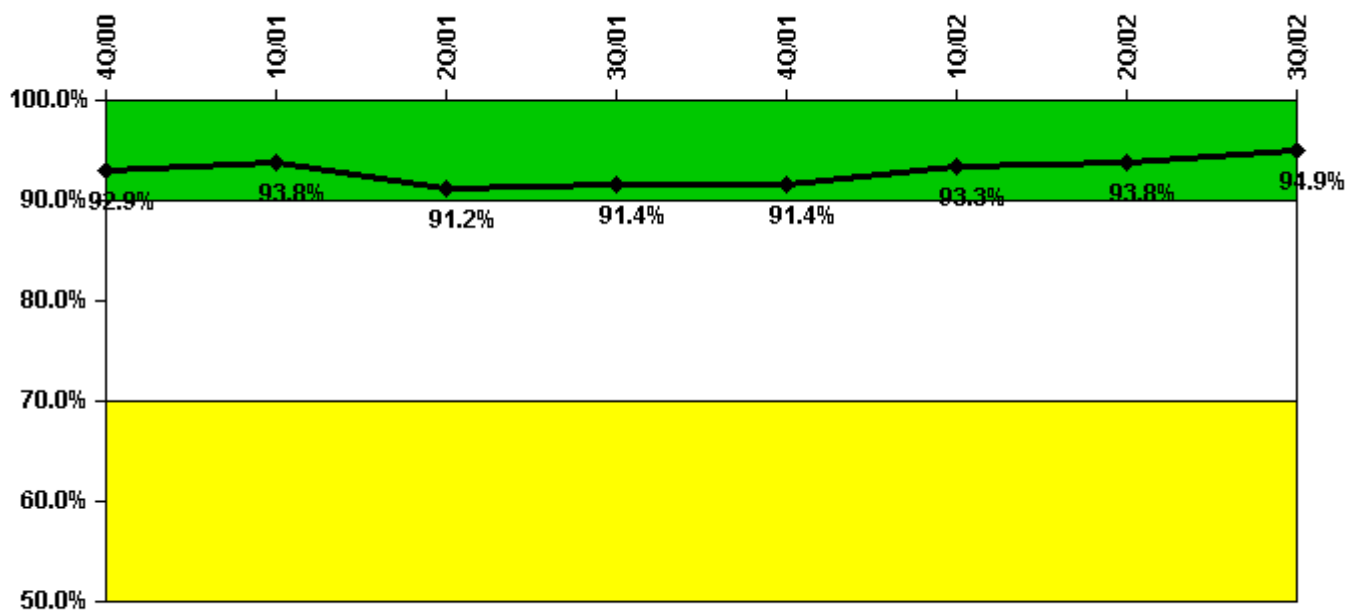
Notes

| Reactor Coolant System Leakage | 10/00 | 11/00 | 12/00 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.890 | 1.910 | 1.940 | 1.970 | 1.970 | 1.970 | 2.080 | 2.040 | 2.040 | 2.420 | 2.020 | 2.040 |
| 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 | 7.6 | 7.6 | 7.8 | 7.9 | 7.9 | 7.9 | 8.3 | 8.2 | 8.2 | 9.7 | 8.1 | 8.2 |

| Reactor Coolant System Leakage | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 | 7/02 | 8/02 | 9/02 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.270 | 2.230 | 2.290 | 2.290 | 2.280 | 2.320 | 2.330 | 2.420 | 2.420 | 2.420 | 2.440 | 2.470 |
| 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 | 9.1 | 8.9 | 9.2 | 9.2 | 9.1 | 9.3 | 9.3 | 9.7 | 9.7 | 9.7 | 9.8 | 9.9 |

Licensee Comments: none

Drill/Exercise Performance



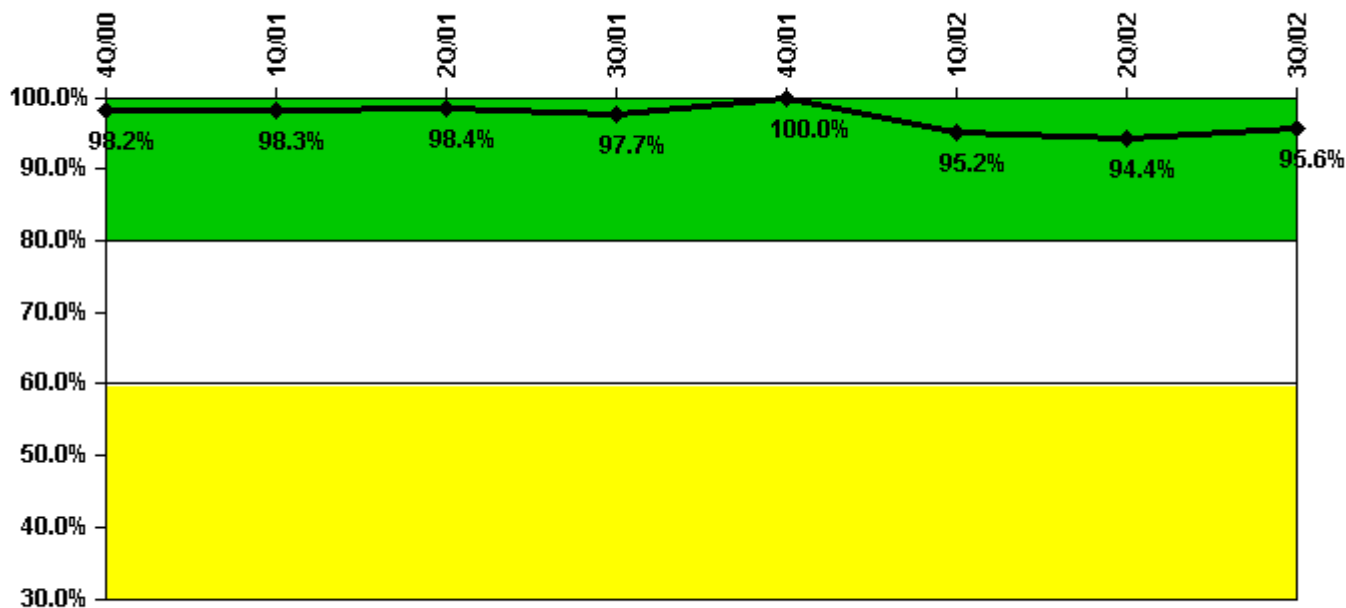
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 2.0 | 31.0 | 13.0 | 2.0 | 6.0 | 34.0 | 1.0 | 23.0 |
| Total opportunities | 2.0 | 32.0 | 16.0 | 2.0 | 6.0 | 34.0 | 2.0 | 24.0 |
| | | | | | | | | |
| Indicator value | 92.9% | 93.8% | 91.2% | 91.4% | 91.4% | 93.3% | 93.8% | 94.9% |

Licensee Comments: none

ERO Drill Participation



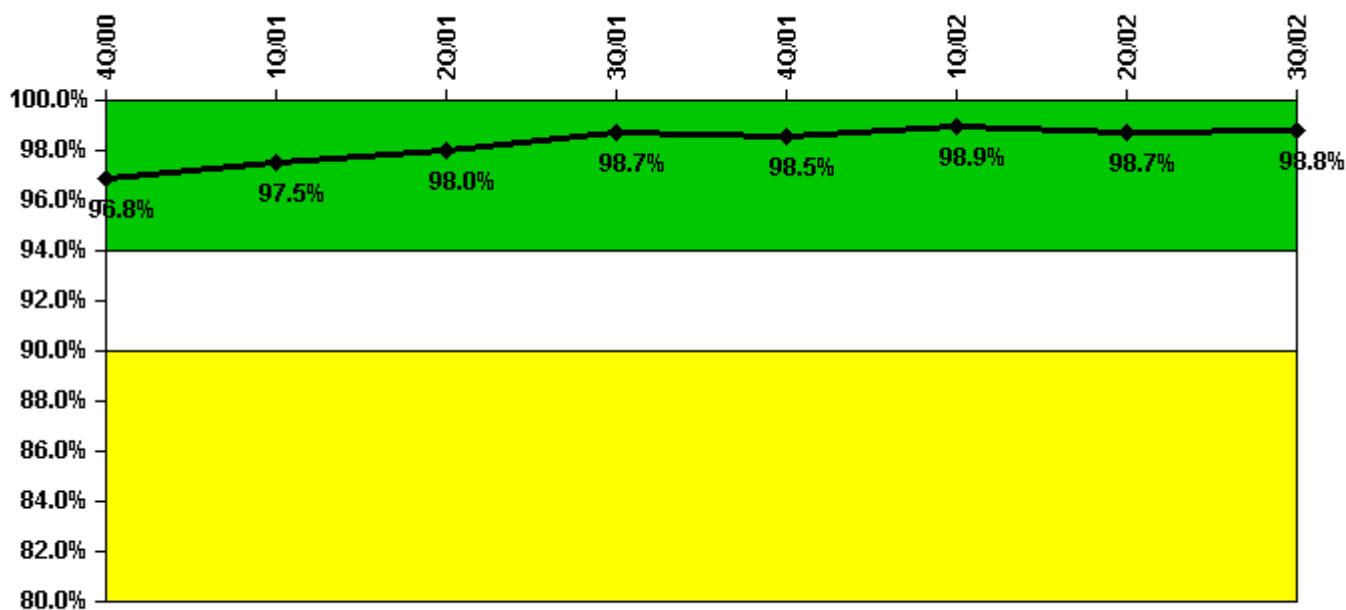
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|-----------------------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|
| Participating Key personnel | 54.0 | 57.0 | 63.0 | 42.0 | 42.0 | 40.0 | 119.0 | 43.0 |
| Total Key personnel | 55.0 | 58.0 | 64.0 | 43.0 | 42.0 | 42.0 | 126.0 | 45.0 |
| | | | | | | | | |
| Indicator value | 98.2% | 98.3% | 98.4% | 97.7% | 100.0% | 95.2% | 94.4% | 95.6% |

Licensee Comments: none

Alert & Notification System



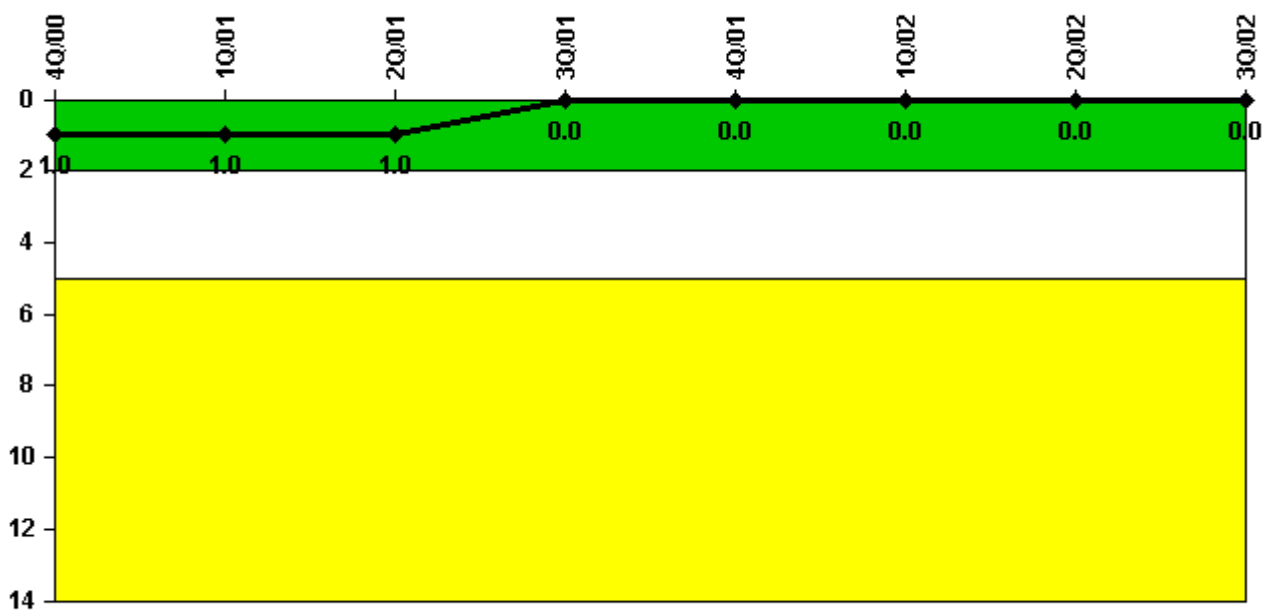
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 2505 | 1239 | 1240 | 1236 | 1254 | 1256 | 1233 | 1241 |
| Total sirens-tests | 2522 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 96.8% | 97.5% | 98.0% | 98.7% | 98.5% | 98.9% | 98.7% | 98.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



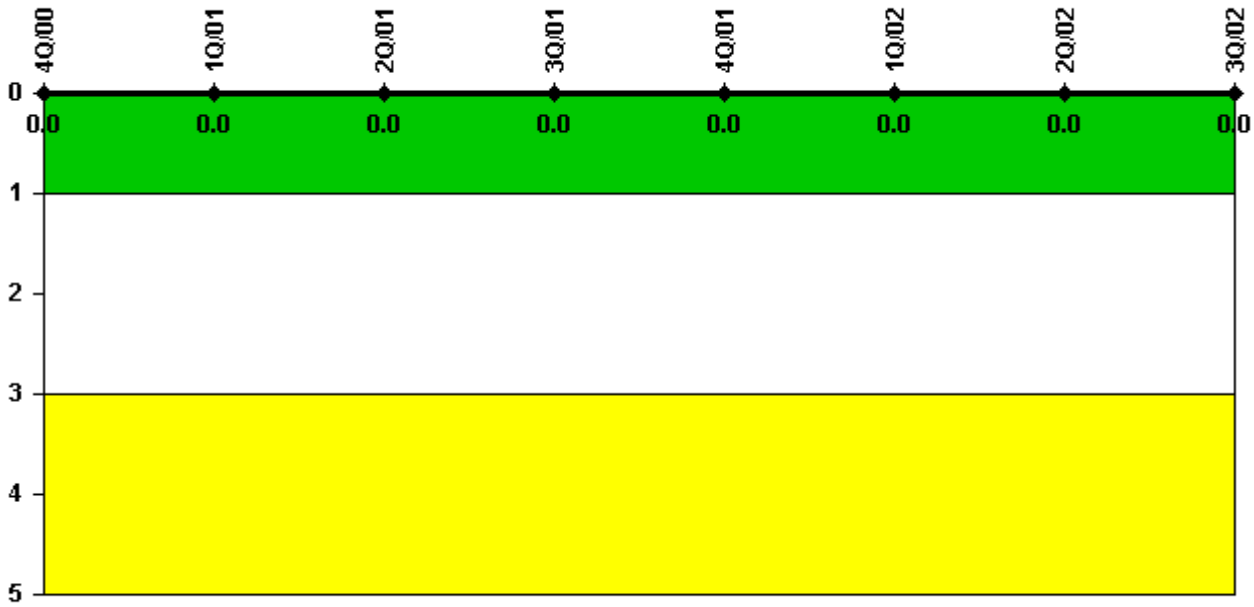
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



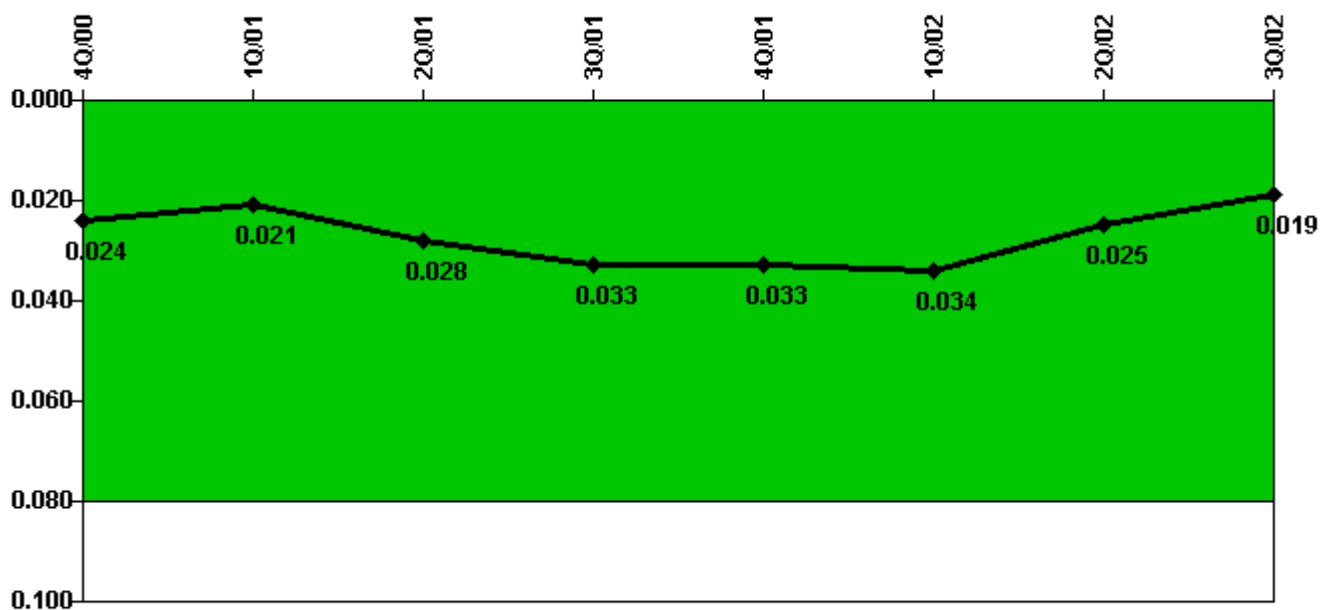
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



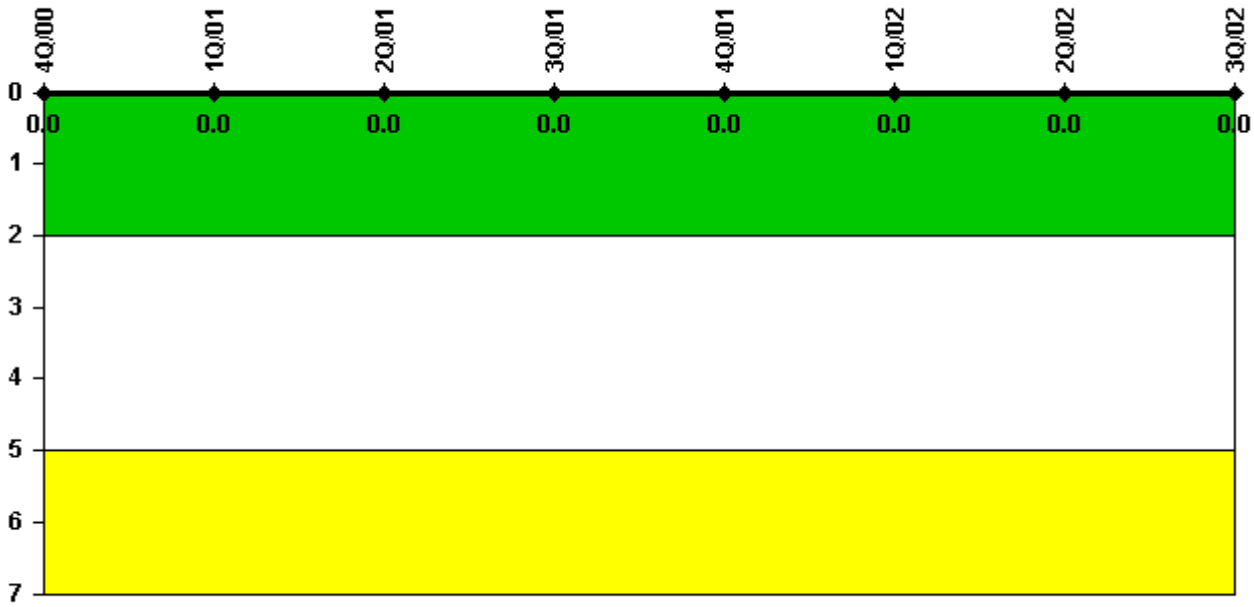
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 152.20 | 168.00 | 435.40 | 244.60 | 153.20 | 179.80 | 130.60 | 67.20 |
| CCTV compensatory hours | 20.7 | 0.4 | 4.4 | 23.8 | 20.6 | 19.5 | 0.6 | 22.1 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | | | |
| Index Value | 0.024 | 0.021 | 0.028 | 0.033 | 0.033 | 0.034 | 0.025 | 0.019 |

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 4Q/00 | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

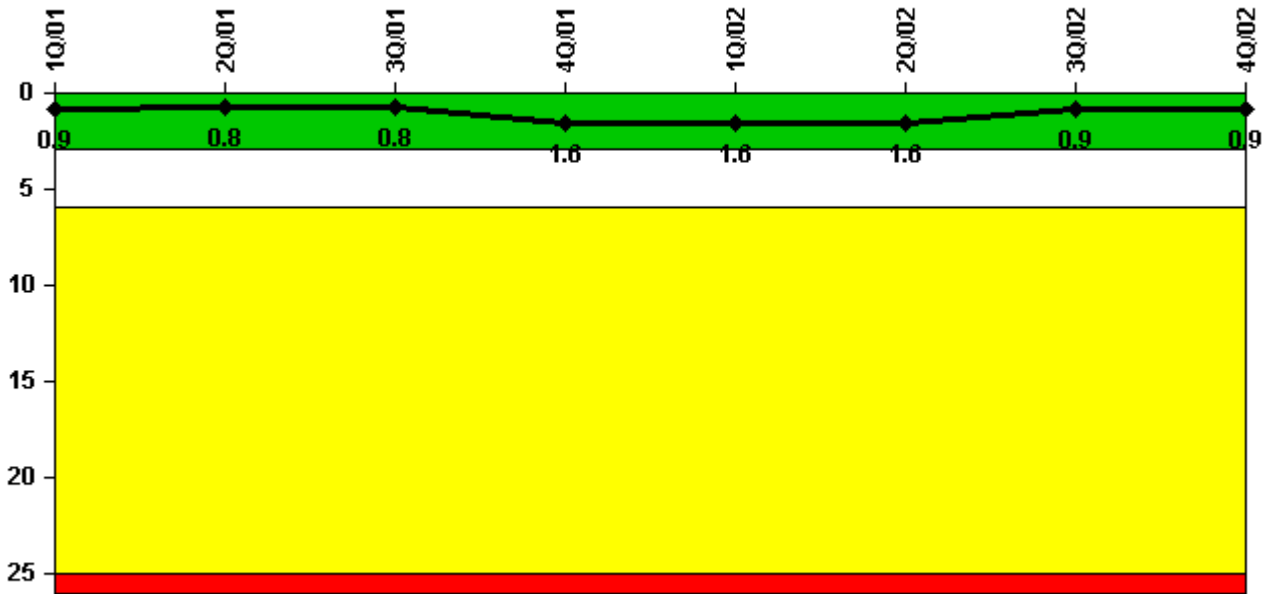
Last Modified: October 22, 2002

Peach Bottom 2

4Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



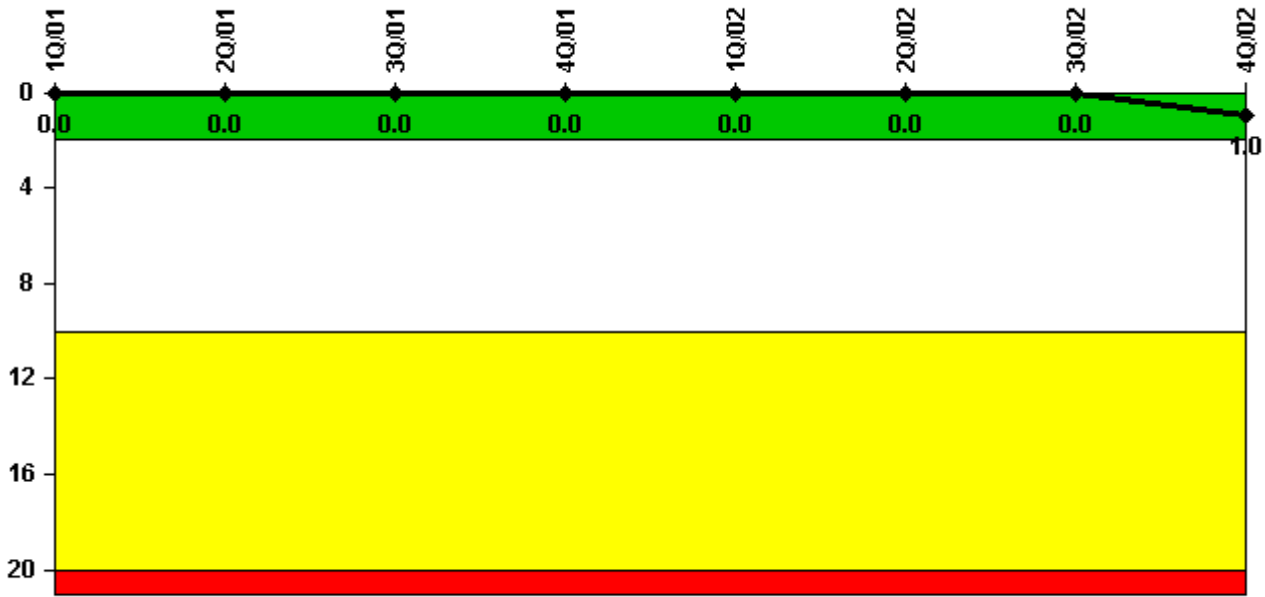
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2160.0 | 2183.0 | 2161.1 | 2100.9 | 2160.0 | 2183.0 | 1719.1 | 2119.9 |
| | | | | | | | | |
| Indicator value | 0.9 | 0.8 | 0.8 | 1.6 | 1.6 | 1.6 | 0.9 | 0.9 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



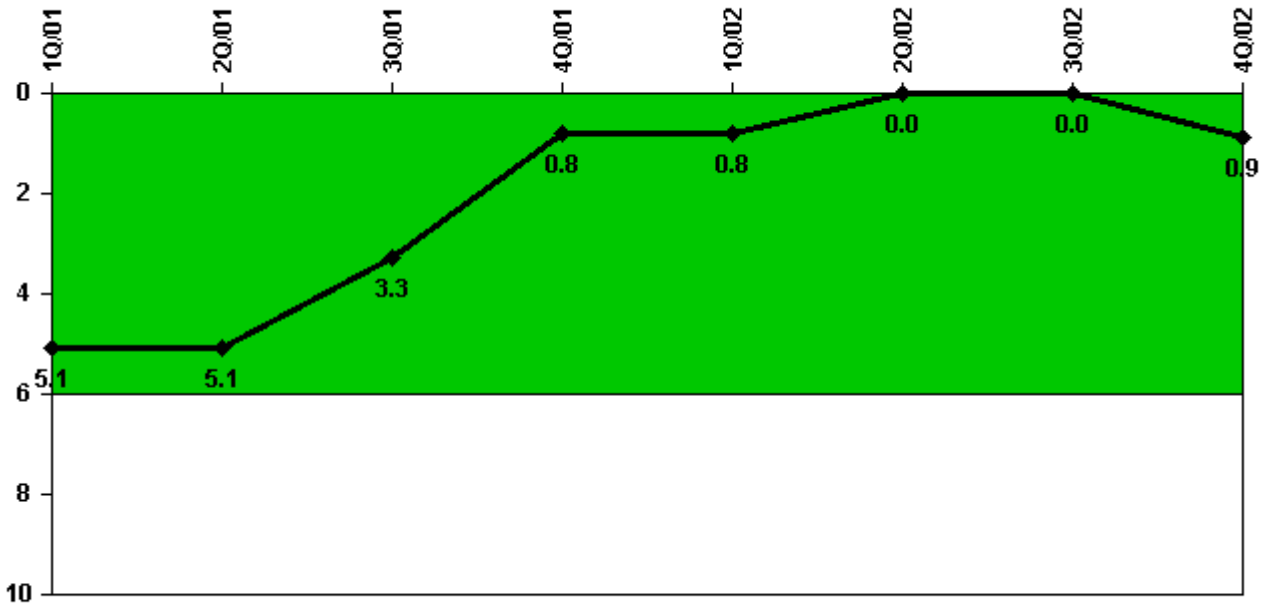
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---|----------|----------|----------|----------|----------|----------|----------|------------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



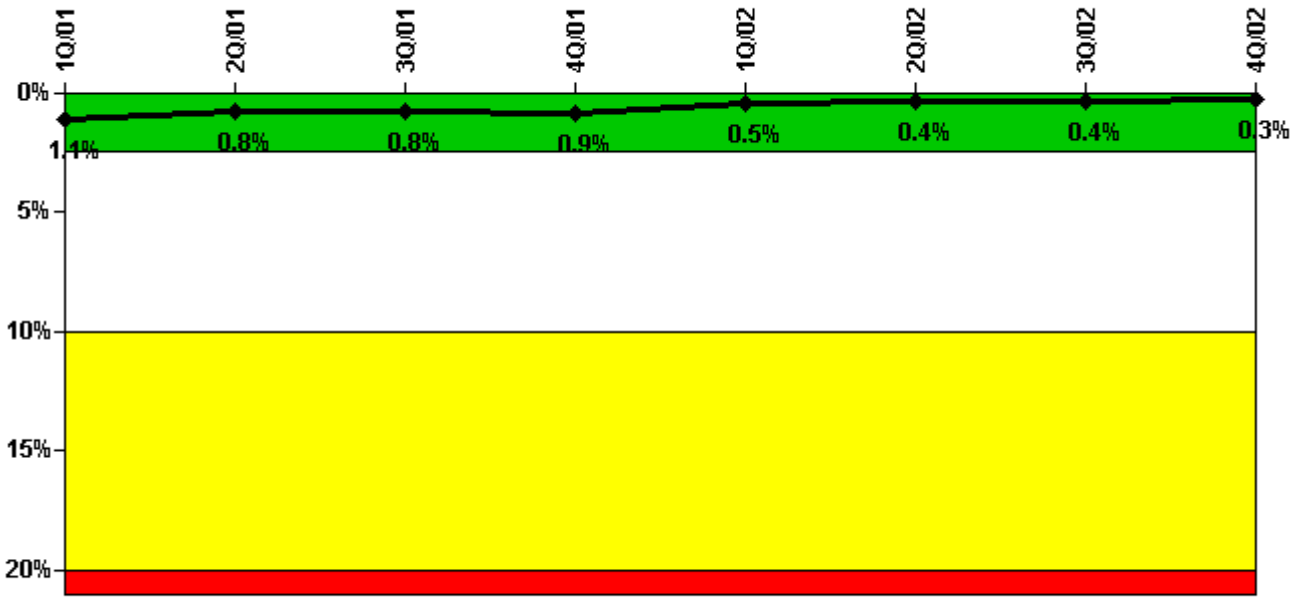
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2160.0 | 2183.0 | 2161.1 | 2100.9 | 2160.0 | 2183.0 | 1719.1 | 2119.9 |
| Indicator value | 5.1 | 5.1 | 3.3 | 0.8 | 0.8 | 0 | 0 | 0.9 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

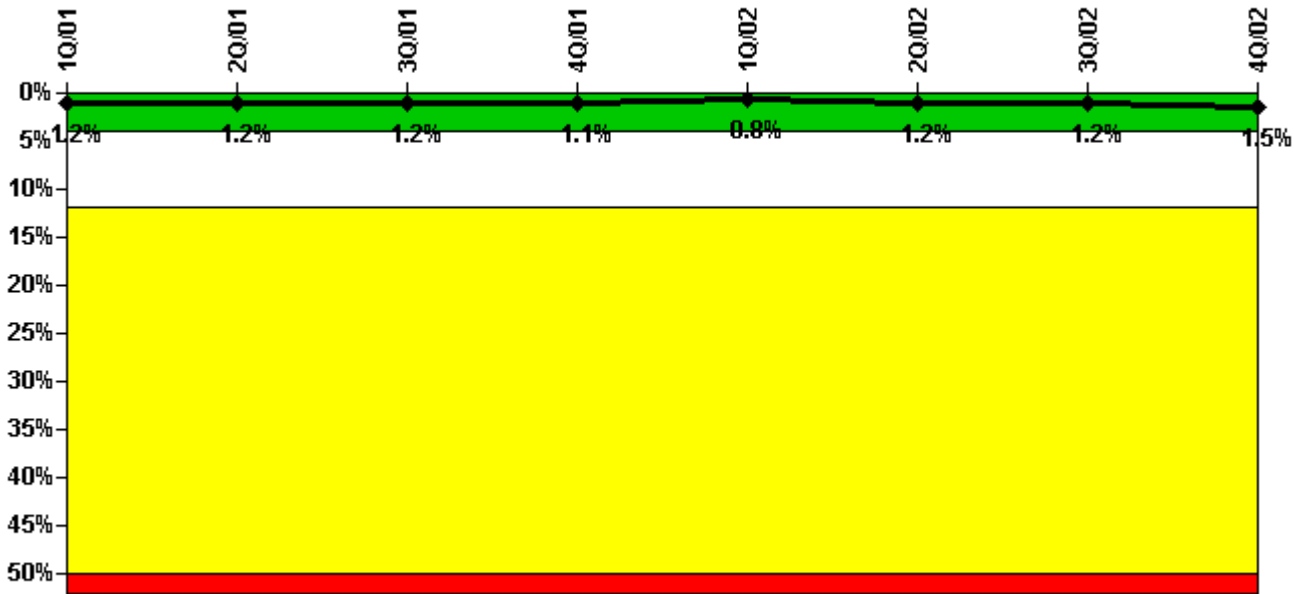
Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 12.75 | 0.10 | 0 | 0 | 0 | 1.00 | 0.50 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 8.00 | 0.10 | 0 | 11.25 | 26.75 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 4.00 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 129.00 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0.50 | 0.50 | 0 |
| Unplanned unavailable hours | 0 | 0 | 6.50 | 0 | 0 | 20.00 | 0 | 1.50 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 33.00 | 0 | 0.10 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 7.00 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 |
| Indicator value | 1.1% | 0.8% | 0.8% | 0.9% | 0.5% | 0.4% | 0.4% | 0.3% |

Licensee Comments:

4Q/02: October hours for each train adjusted by one (1) additional hour to account for daylight savings time.

Safety System Unavailability, High Pressure Injection System (HPCI)



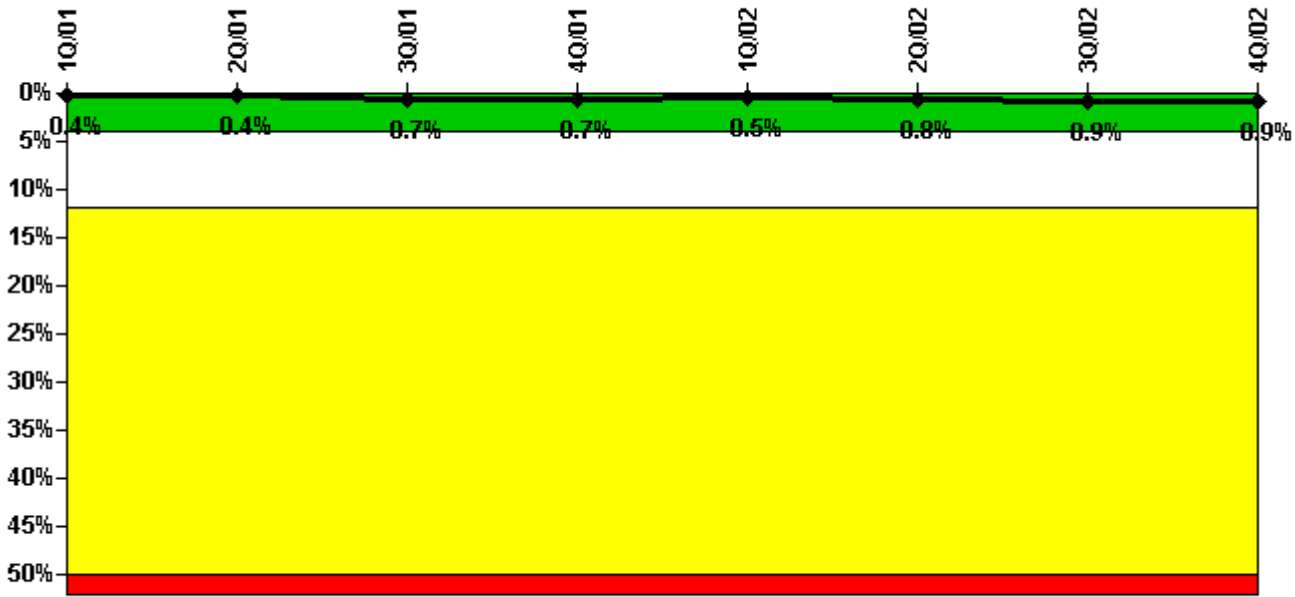
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 18.89 | 3.20 | 3.52 | 6.36 | 7.78 | 122.45 | 0 | 109.45 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2161.08 | 2100.93 | 2160.00 | 2183.00 | 1719.08 | 2119.85 |
| Indicator value | 1.2% | 1.2% | 1.2% | 1.1% | 0.8% | 1.2% | 1.2% | 1.5% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



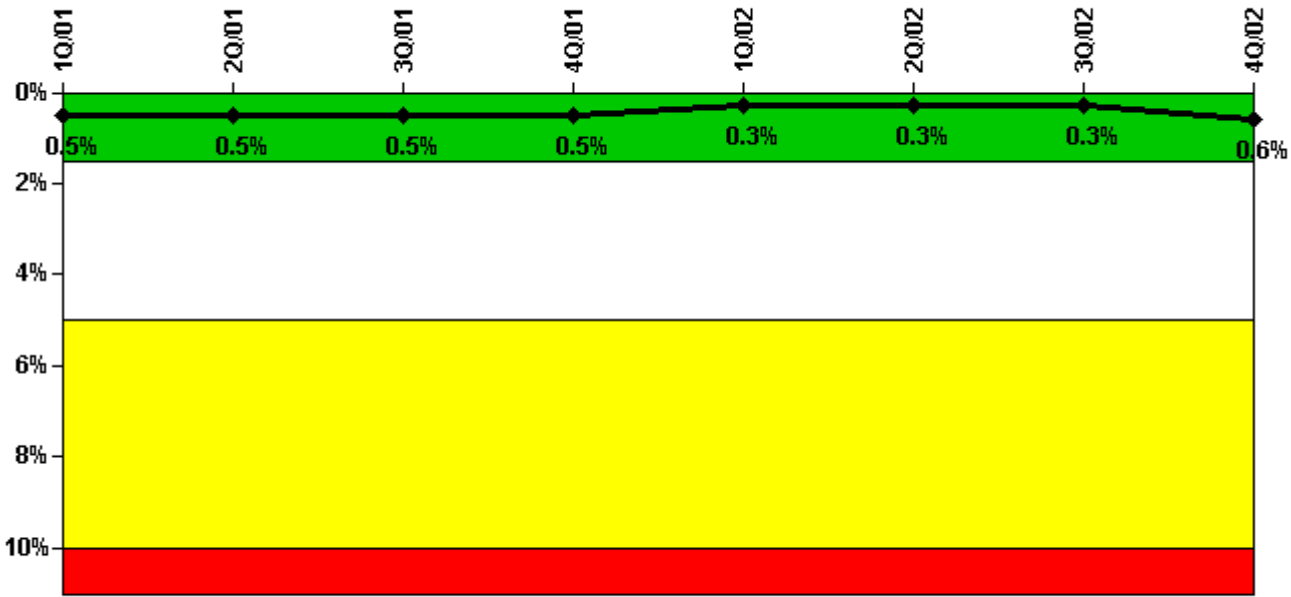
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 17.17 | 2.20 | 71.09 | 8.68 | 12.14 | 59.33 | 33.88 | 1.40 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2161.08 | 2100.93 | 2160.00 | 2183.00 | 1719.08 | 2119.85 |
| | | | | | | | | |
| Indicator value | 0.4% | 0.4% | 0.7% | 0.7% | 0.5% | 0.8% | 0.9% | 0.9% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

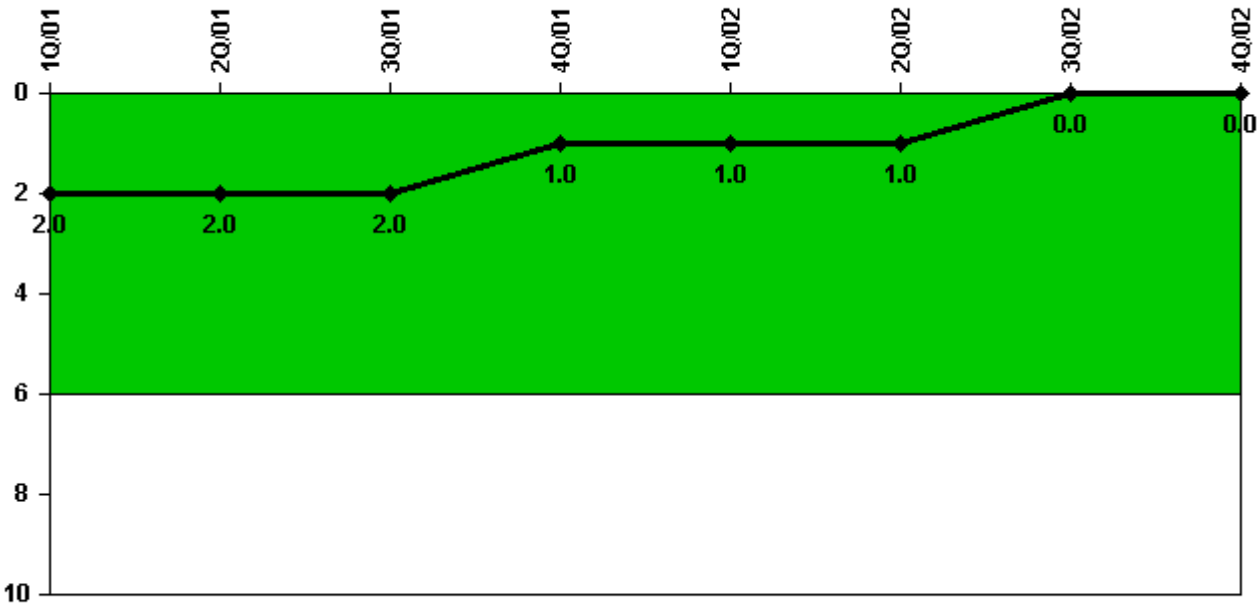
Notes

| Safety System Unavailability, Residual Heat Removal System | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 24.00 | 0 | 0 | 12.35 | 20.73 | 1.40 | 0 | 80.18 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 5.80 | 0.87 | 0 | 108.33 |
| Unplanned unavailable hours | 0 | 0 | 3.25 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 2121.67 | 2160.00 | 2183.00 | 1725.85 | 2142.02 |
| Indicator value | 0.5% | 0.5% | 0.5% | 0.5% | 0.3% | 0.3% | 0.3% | 0.6% |

Licensee Comments:

4Q/02: Train 2 required hours for service reflect 2R14 outage. Additional hour required for DST.

Safety System Functional Failures (BWR)



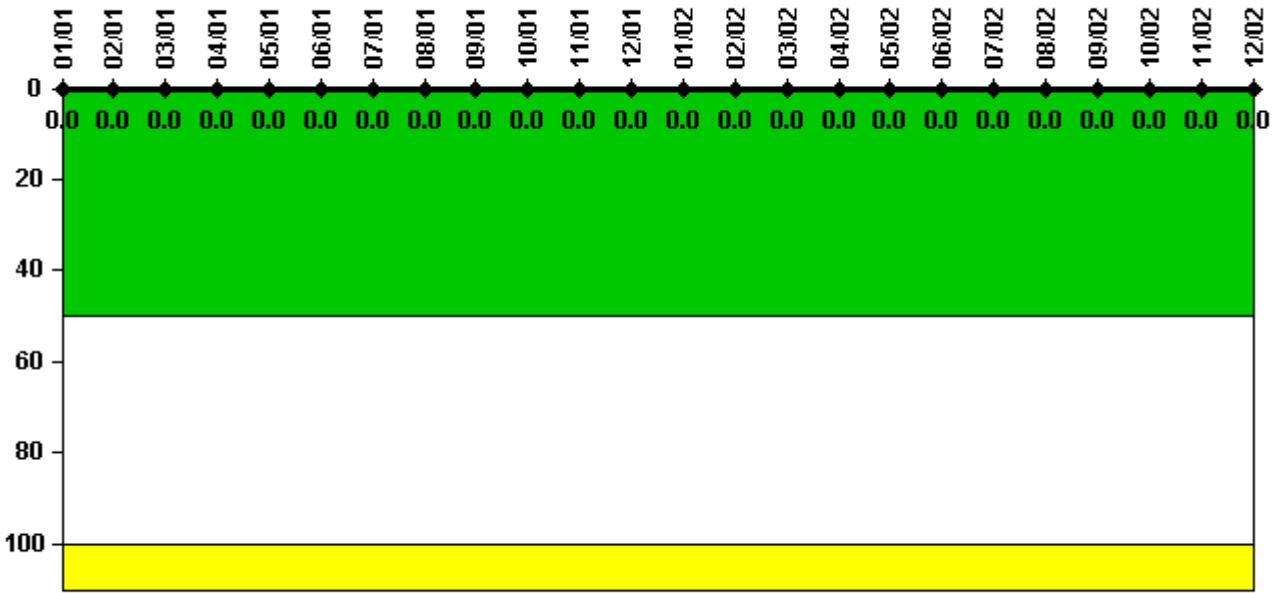
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

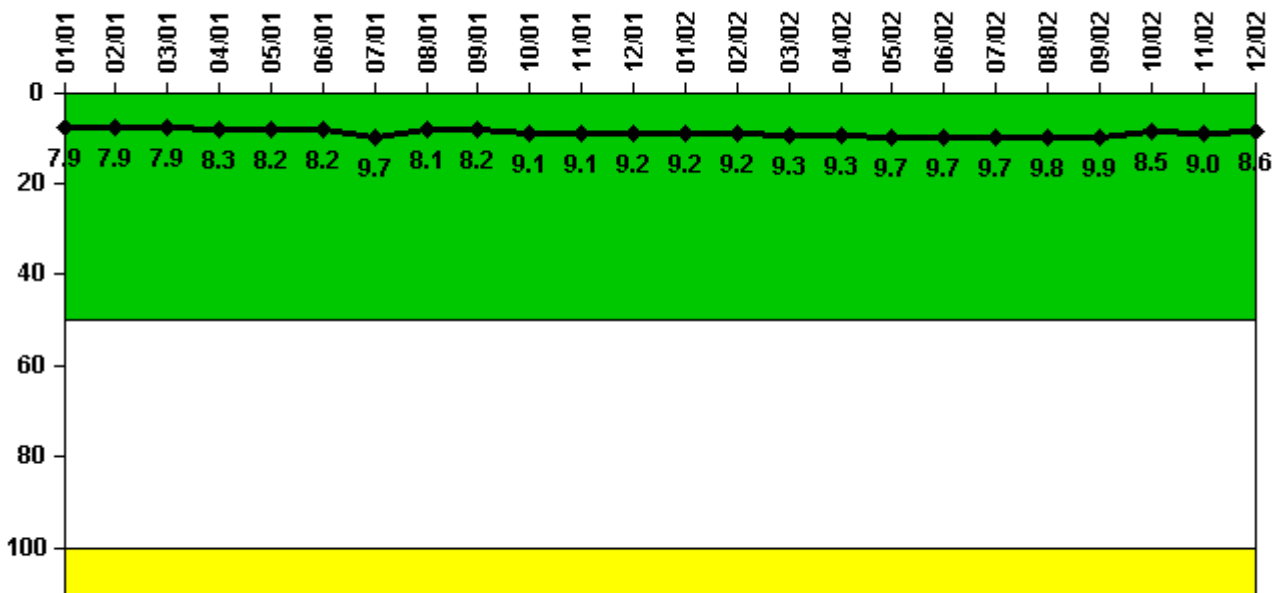
Notes

| Reactor Coolant System Activity | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000004 | 0.000008 | 0.000007 | 0.000007 | 0.000003 | 0.000006 | 0.000011 | 0.000004 | 0.000003 | 0.000002 | 0.000004 | 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 | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000013 | 0.000002 | 0.000002 | 0.000002 | 0.000002 | 0.000004 | 0.000005 | 0.000005 | 0.000001 | 0.000013 | 0.000005 | 0.000006 |
| 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 | 1/01 | 2/01 | 3/01 | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.970 | 1.970 | 1.970 | 2.080 | 2.040 | 2.040 | 2.420 | 2.020 | 2.060 | 2.270 | 2.270 | 2.290 |
| 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 | 7.9 | 7.9 | 7.9 | 8.3 | 8.2 | 8.2 | 9.7 | 8.1 | 8.2 | 9.1 | 9.1 | 9.2 |

| Reactor Coolant System Leakage | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.290 | 2.290 | 2.320 | 2.330 | 2.420 | 2.420 | 2.420 | 2.440 | 2.470 | 2.130 | 2.250 | 2.140 |
| 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 | 9.2 | 9.2 | 9.3 | 9.3 | 9.7 | 9.7 | 9.7 | 9.8 | 9.9 | 8.5 | 9.0 | 8.6 |

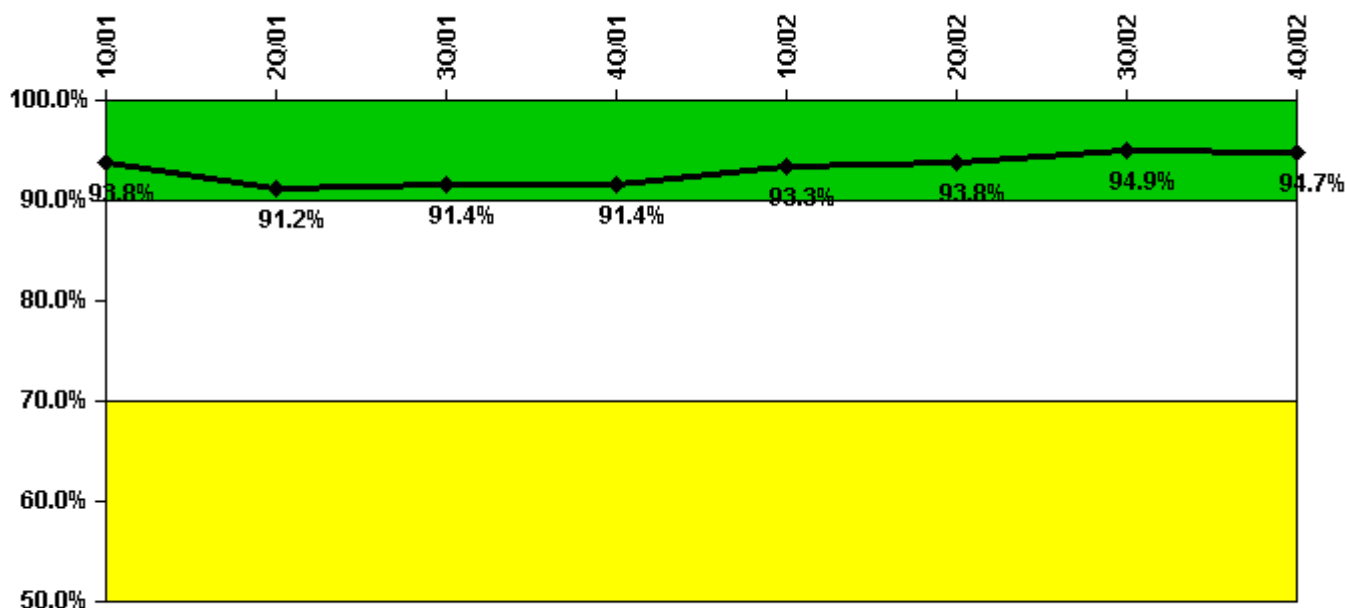
Licensee Comments:

3/02: Corrected data for February 2002 from 2.28 gpm to 2.29 gpm due to data review error.

12/01: Corrected November 2001 data from 2.23 gpm to 2.27 gpm due to data review error.

9/01: Corrected data for September 2001 from 2.04 gpm to 2.06 gpm due to data review error.

Drill/Exercise Performance



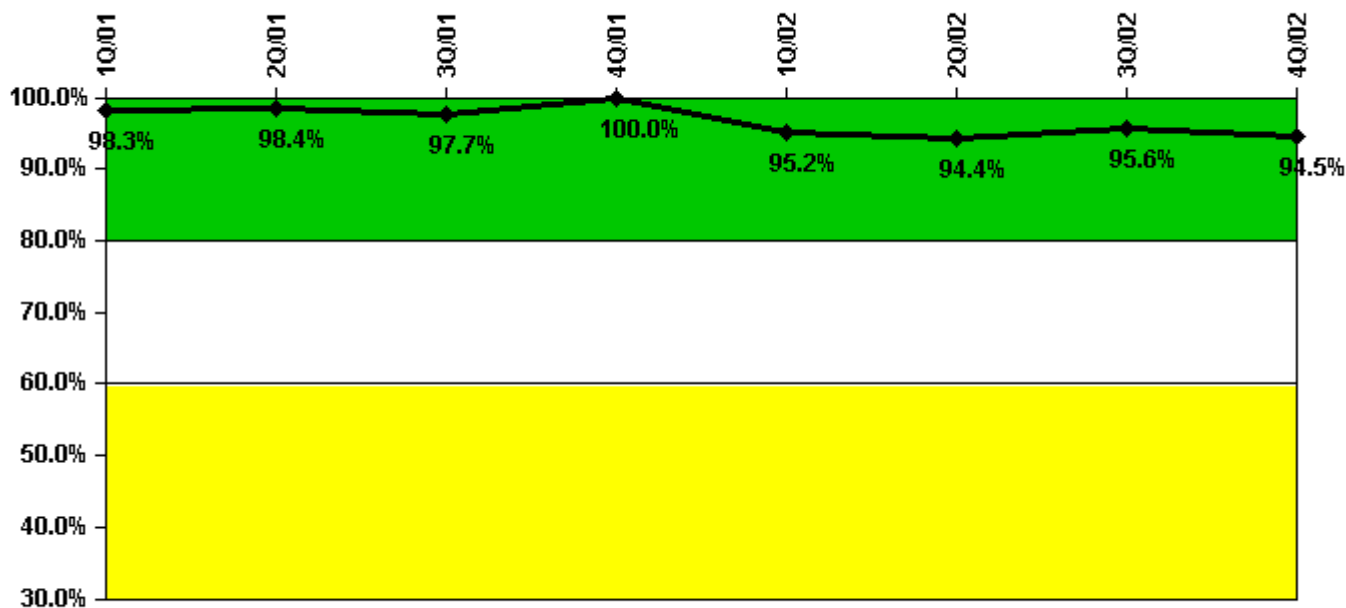
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 31.0 | 13.0 | 2.0 | 6.0 | 34.0 | 1.0 | 23.0 | 15.0 |
| Total opportunities | 32.0 | 16.0 | 2.0 | 6.0 | 34.0 | 2.0 | 24.0 | 16.0 |
| | | | | | | | | |
| Indicator value | 93.8% | 91.2% | 91.4% | 91.4% | 93.3% | 93.8% | 94.9% | 94.7% |

Licensee Comments: none

ERO Drill Participation



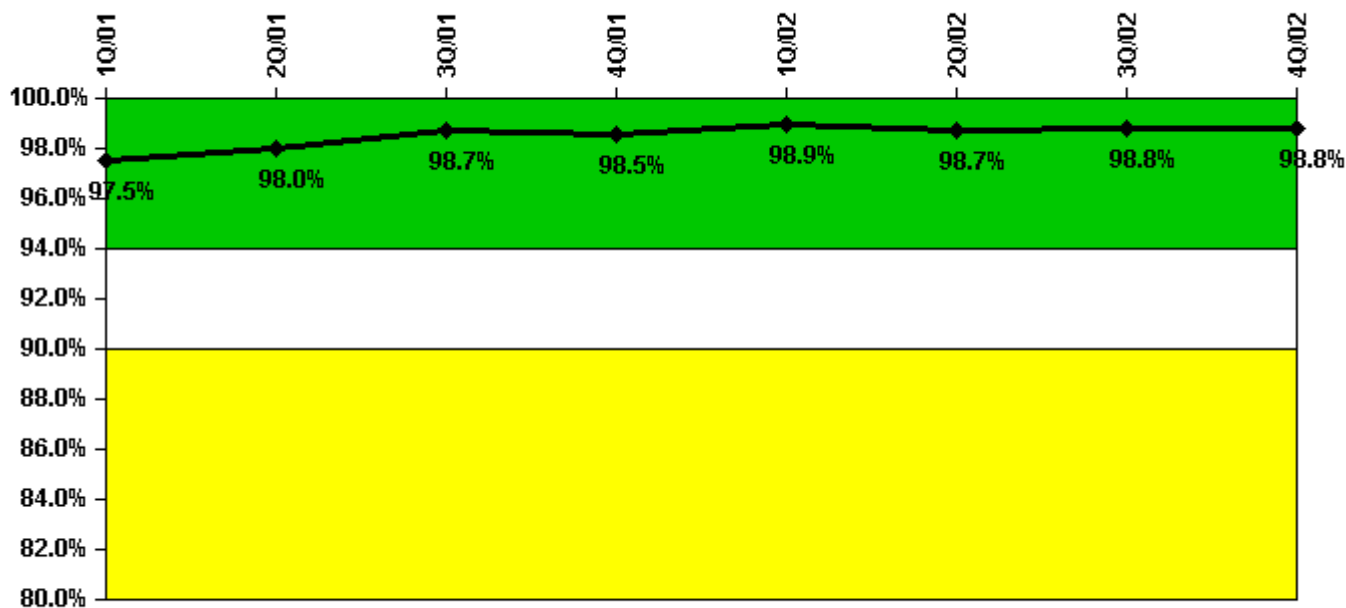
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|-----------------------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|
| Participating Key personnel | 57.0 | 63.0 | 42.0 | 42.0 | 40.0 | 119.0 | 43.0 | 137.0 |
| Total Key personnel | 58.0 | 64.0 | 43.0 | 42.0 | 42.0 | 126.0 | 45.0 | 145.0 |
| | | | | | | | | |
| Indicator value | 98.3% | 98.4% | 97.7% | 100.0% | 95.2% | 94.4% | 95.6% | 94.5% |

Licensee Comments: none

Alert & Notification System



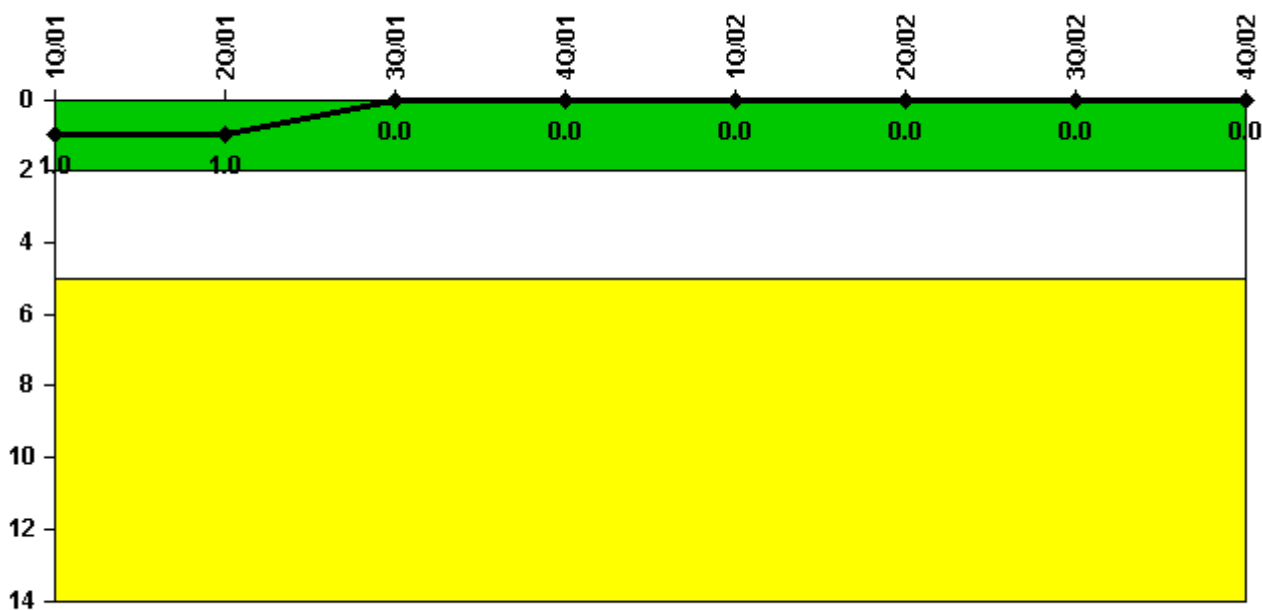
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1239 | 1240 | 1236 | 1254 | 1256 | 1233 | 1241 | 1254 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 97.5% | 98.0% | 98.7% | 98.5% | 98.9% | 98.7% | 98.8% | 98.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



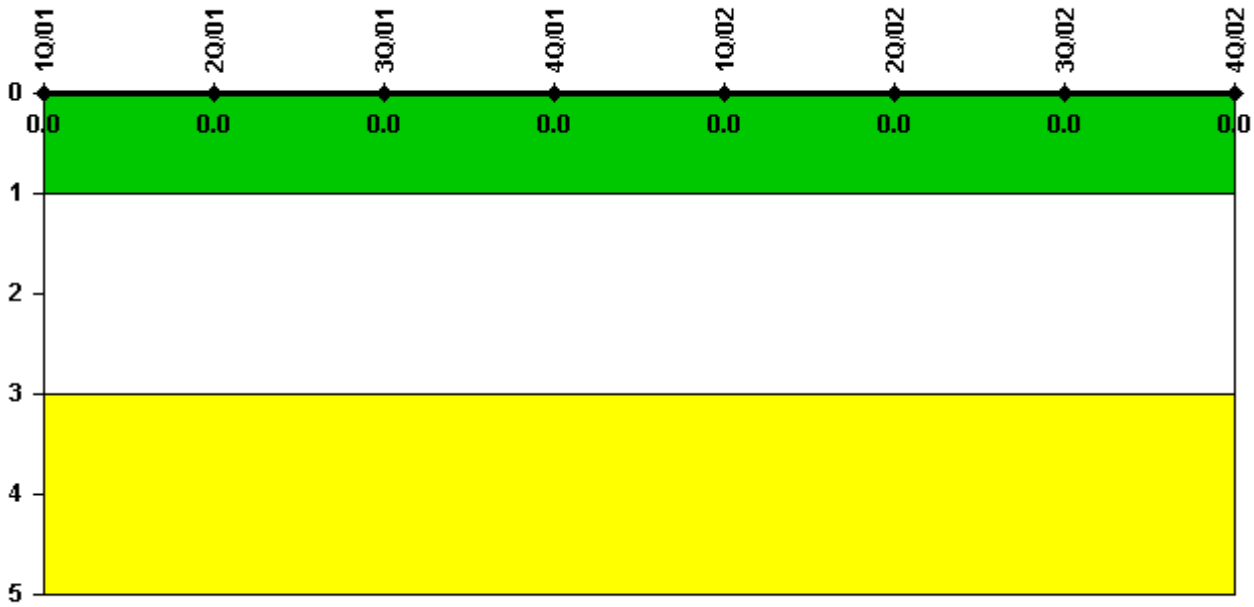
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



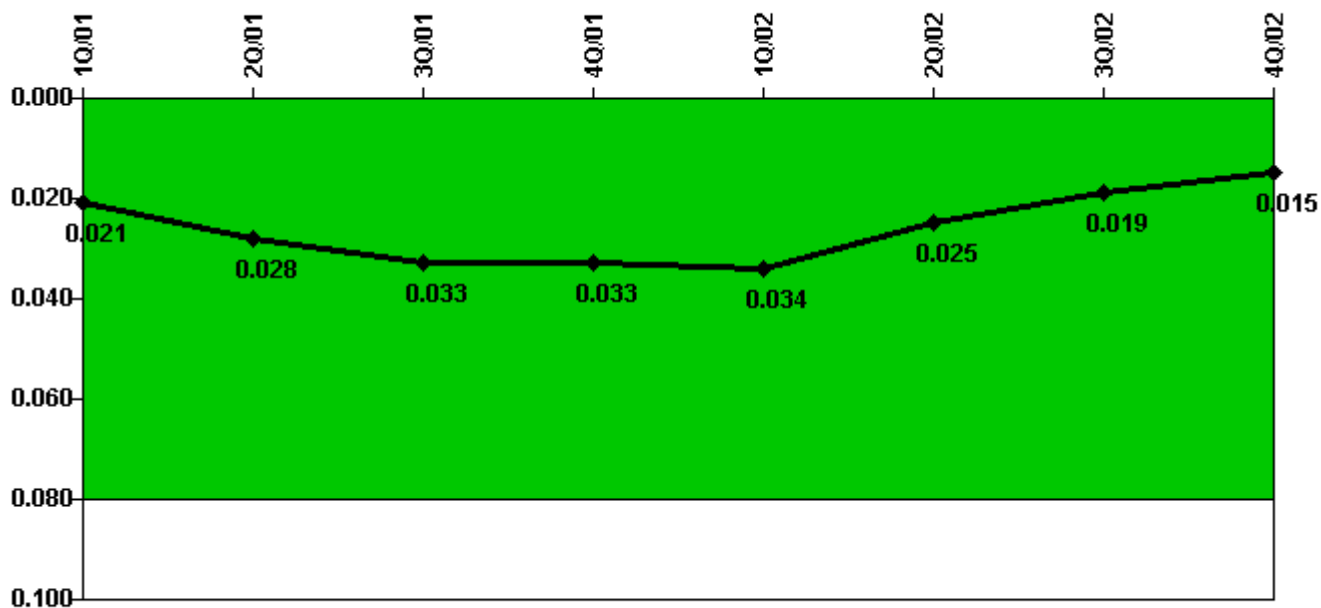
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



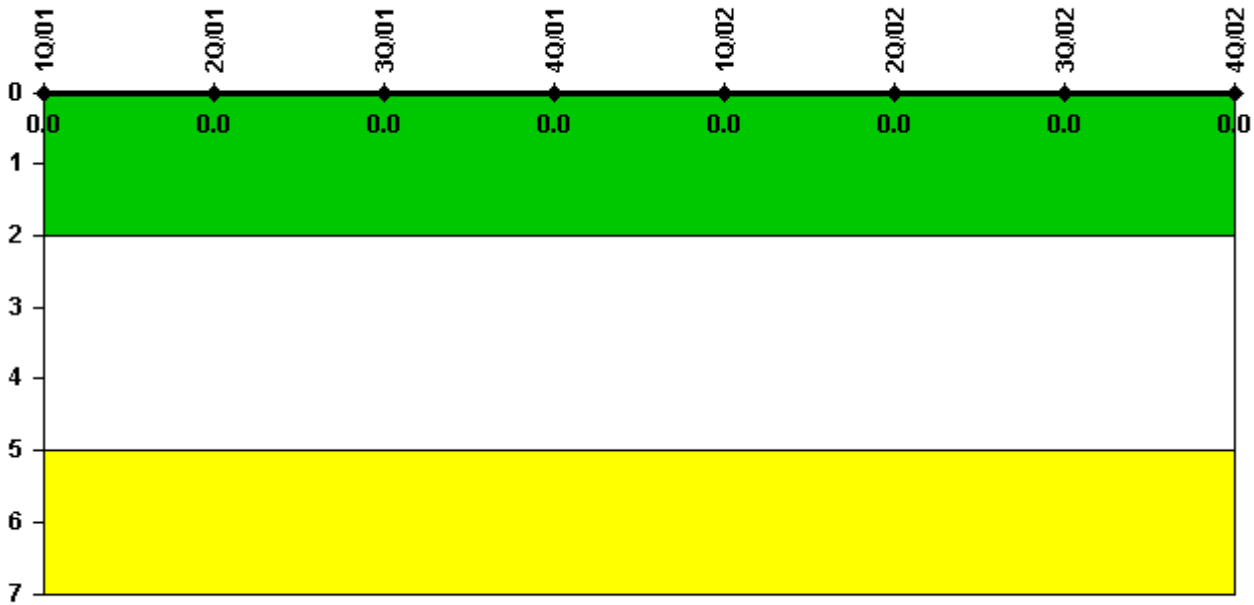
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 168.00 | 435.40 | 244.60 | 153.20 | 179.80 | 130.60 | 67.20 | 55.30 |
| CCTV compensatory hours | 0.4 | 4.4 | 23.8 | 20.6 | 19.5 | 0.6 | 22.1 | 0 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | | | |
| Index Value | 0.021 | 0.028 | 0.033 | 0.033 | 0.034 | 0.025 | 0.019 | 0.015 |

Licensee Comments: none

Personnel Screening Program



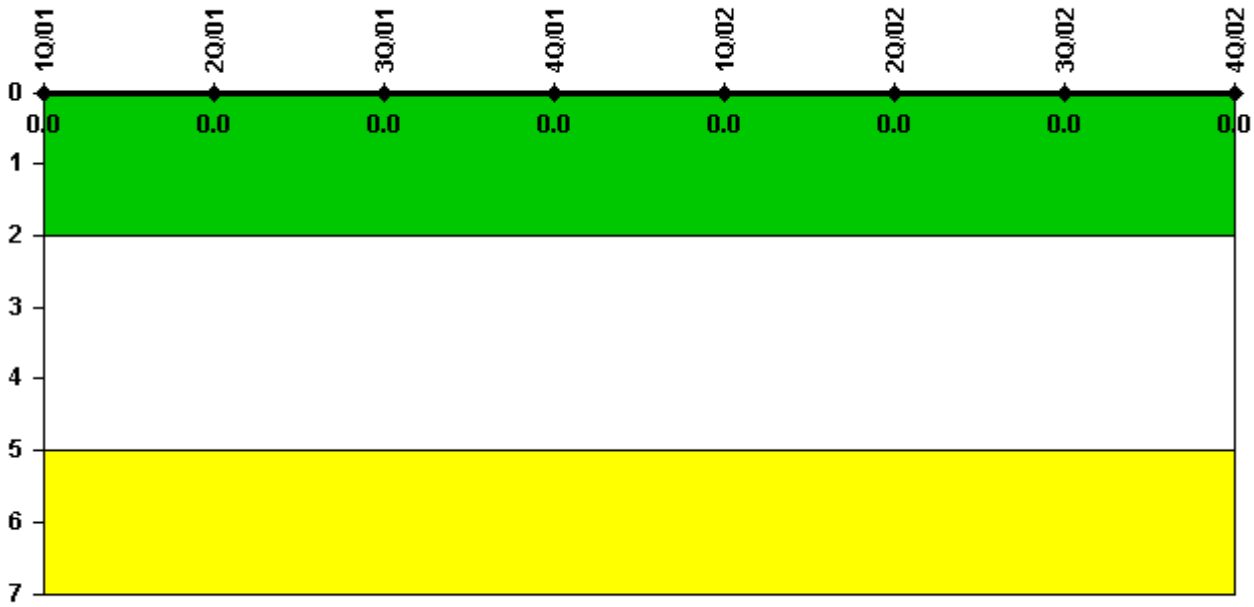
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 1Q/01 | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

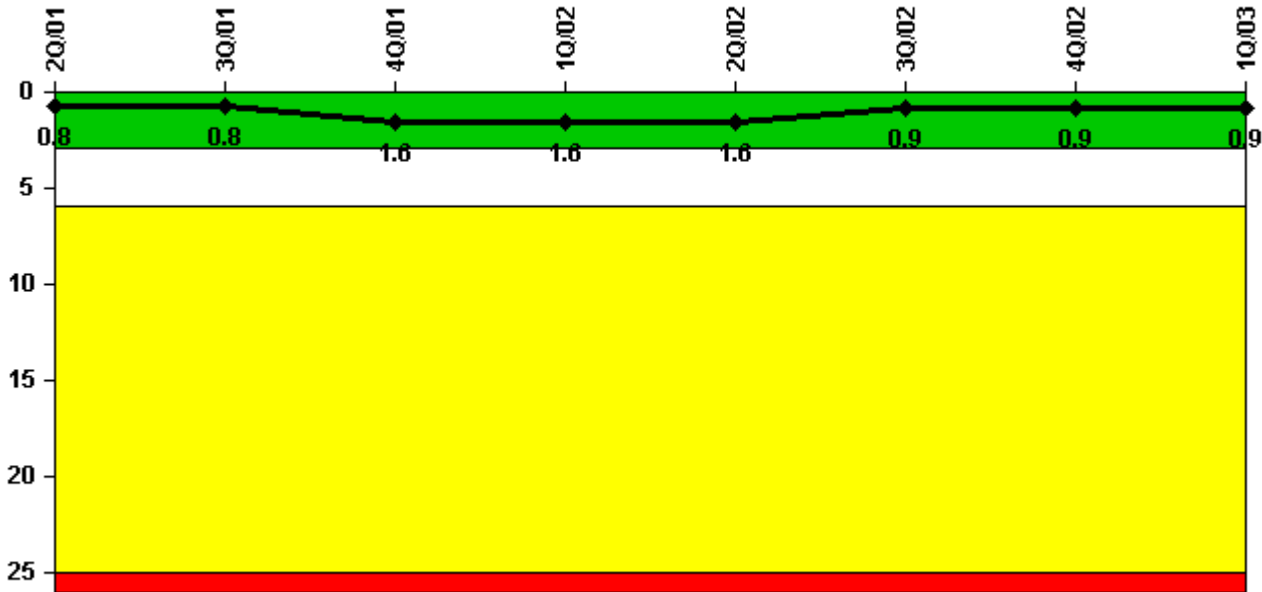
Last Modified: January 30, 2003

Peach Bottom 2

1Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



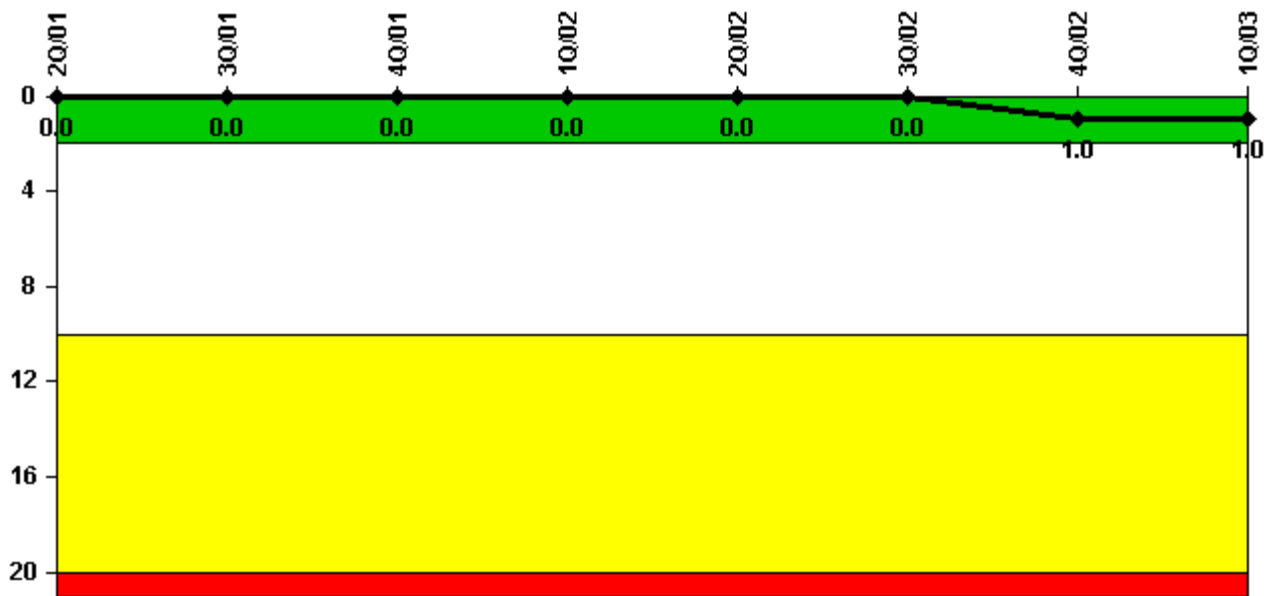
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 1.0 | 0 |
| Critical hours | 2183.0 | 2161.1 | 2100.9 | 2160.0 | 2183.0 | 1719.1 | 2119.9 | 2160.0 |
| Indicator value | 0.8 | 0.8 | 1.6 | 1.6 | 1.6 | 0.9 | 0.9 | 0.9 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



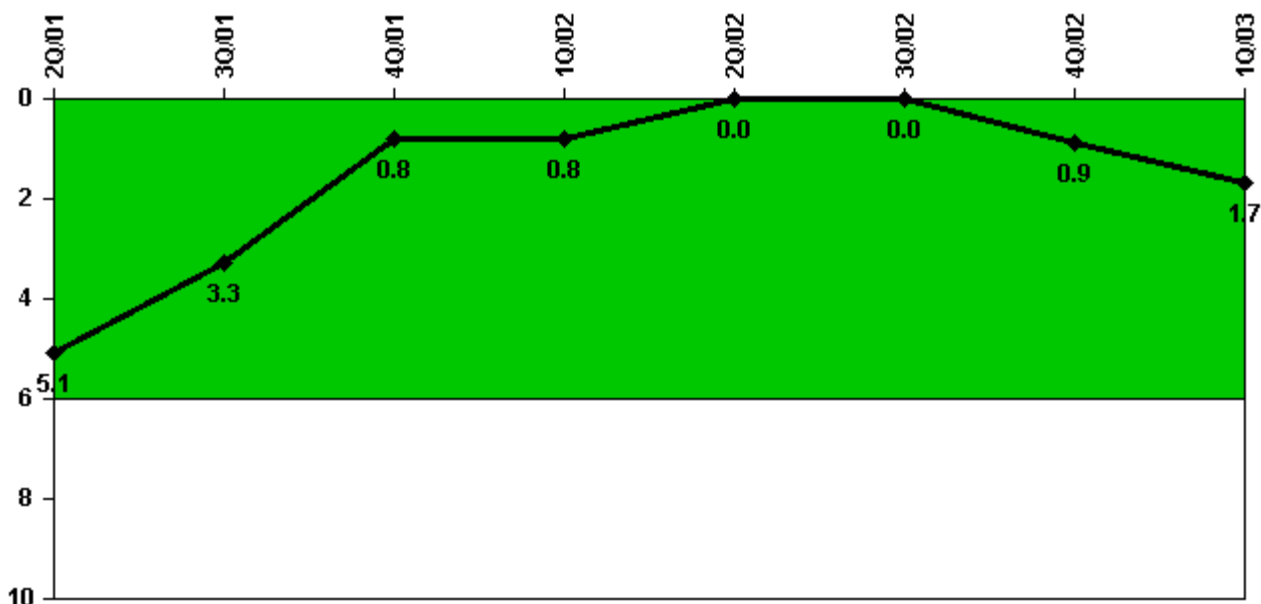
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



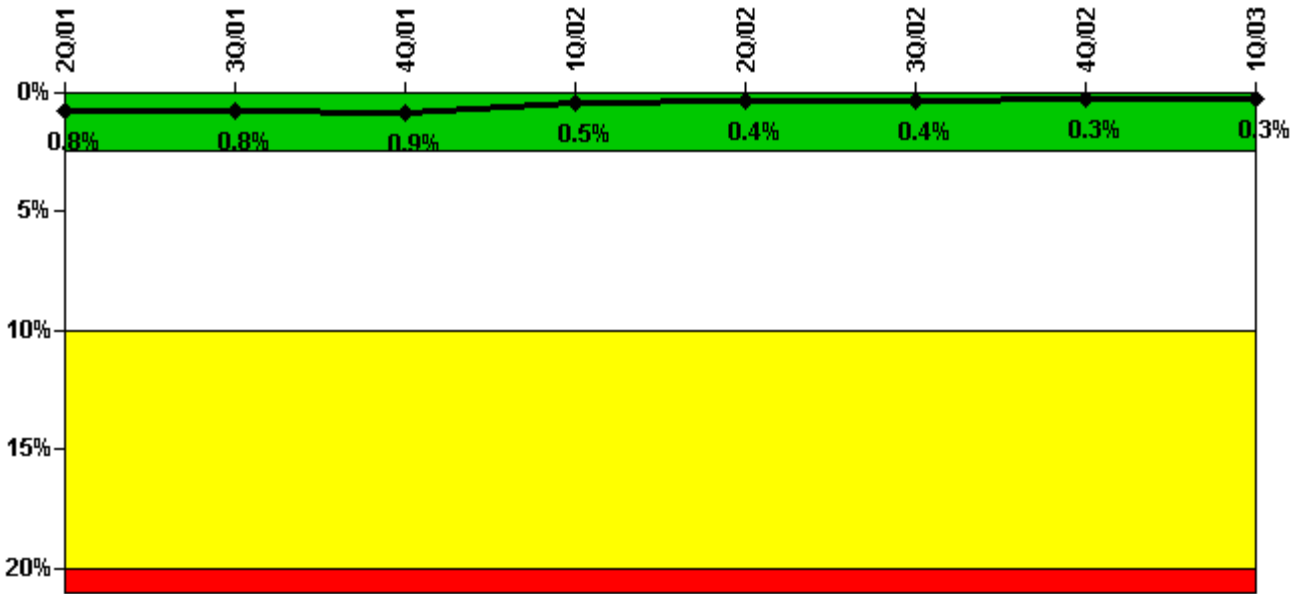
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|---|------------|------------|------------|------------|----------|----------|------------|------------|
| Unplanned power changes | 1.0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 |
| Critical hours | 2183.0 | 2161.1 | 2100.9 | 2160.0 | 2183.0 | 1719.1 | 2119.9 | 2160.0 |
| | | | | | | | | |
| Indicator value | 5.1 | 3.3 | 0.8 | 0.8 | 0 | 0 | 0.9 | 1.7 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

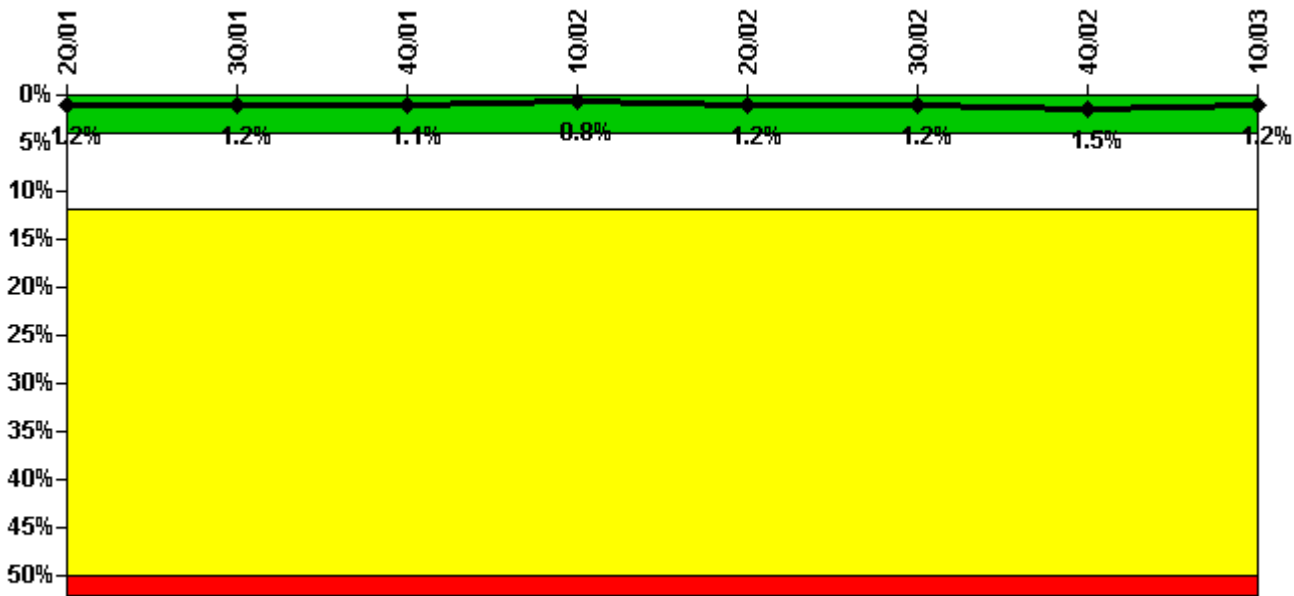
Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 12.75 | 0.10 | 0 | 0 | 0 | 1.00 | 0.50 | 5.50 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 8.00 | 0.10 | 0 | 11.25 | 26.75 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 4.00 | 0 | 0 | 0 | 0 | 15.00 |
| Fault exposure hours | 0 | 0 | 129.00 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0.50 | 0.50 | 0 | 1.00 |
| Unplanned unavailable hours | 0 | 6.50 | 0 | 0 | 20.00 | 0 | 1.50 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 0.10 | 0 | 0 | 0 | 0 | 0 | 1.00 |
| Unplanned unavailable hours | 0 | 0 | 0 | 7.00 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 |

| | | | | | | | | |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | | | | |
| Indicator value | 0.8% | 0.8% | 0.9% | 0.5% | 0.4% | 0.4% | 0.3% | 0.3% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



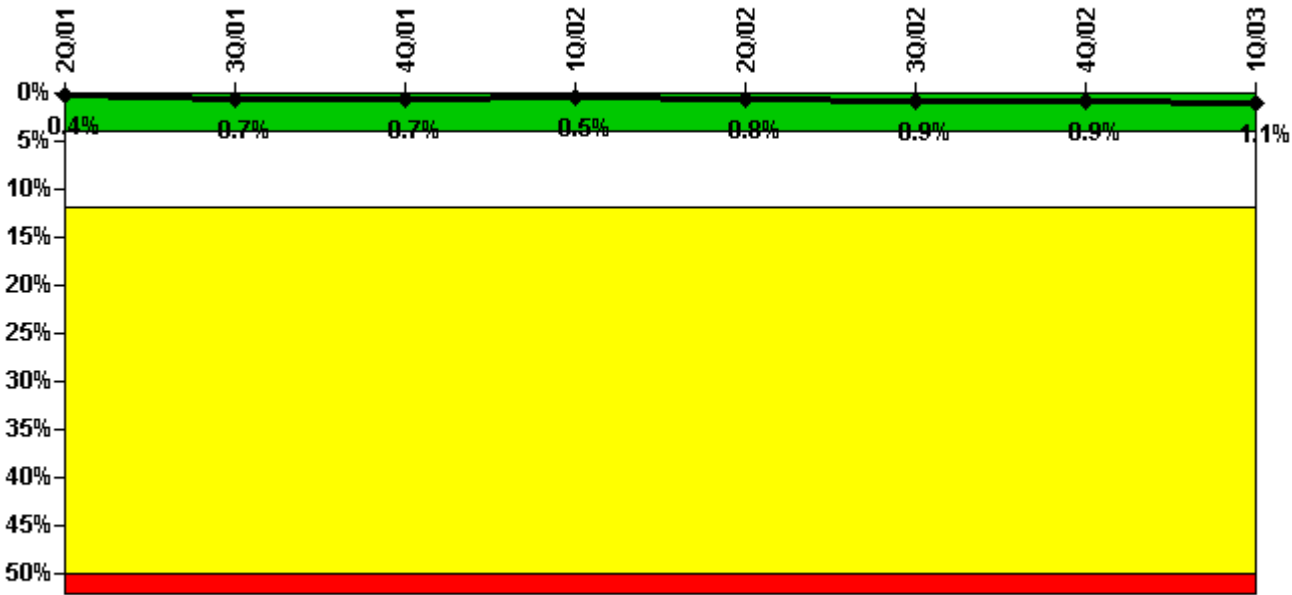
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 3.20 | 3.52 | 6.36 | 7.78 | 122.45 | 0 | 109.45 | 6.93 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2161.08 | 2100.93 | 2160.00 | 2183.00 | 1719.08 | 2119.85 | 2160.00 |
| | | | | | | | | |
| Indicator value | 1.2% | 1.2% | 1.1% | 0.8% | 1.2% | 1.2% | 1.5% | 1.2% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



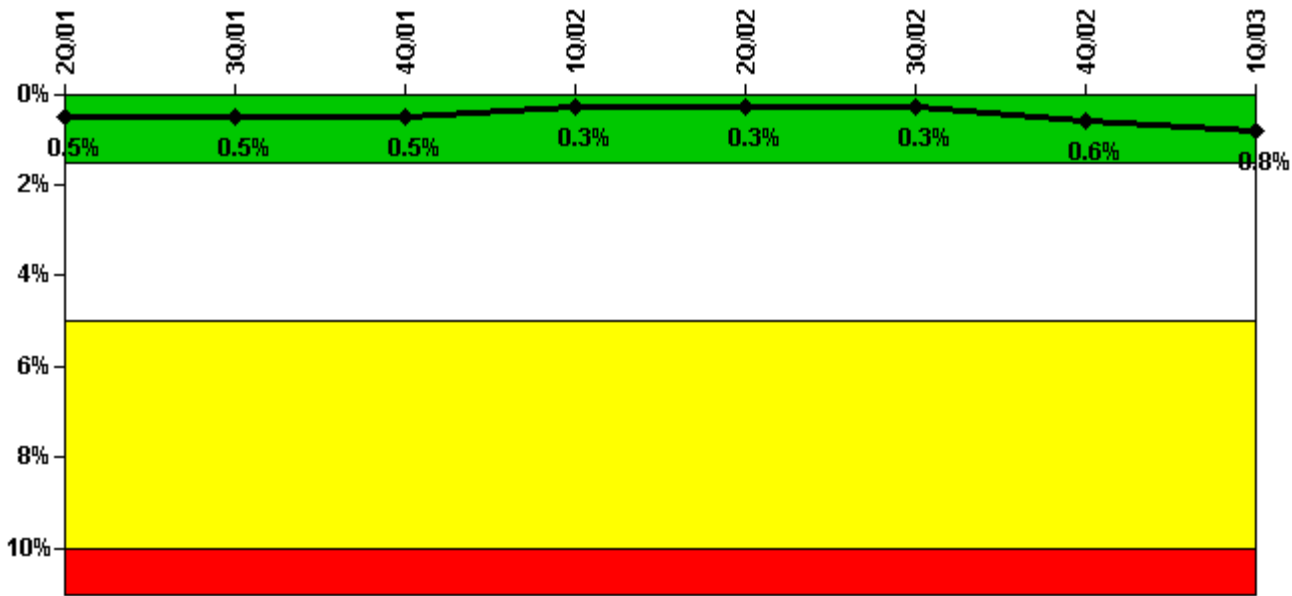
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 2.20 | 71.09 | 8.68 | 12.14 | 59.33 | 33.88 | 1.40 | 62.72 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2161.08 | 2100.93 | 2160.00 | 2183.00 | 1719.08 | 2119.85 | 2160.00 |
| | | | | | | | | |
| Indicator value | 0.4% | 0.7% | 0.7% | 0.5% | 0.8% | 0.9% | 0.9% | 1.1% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



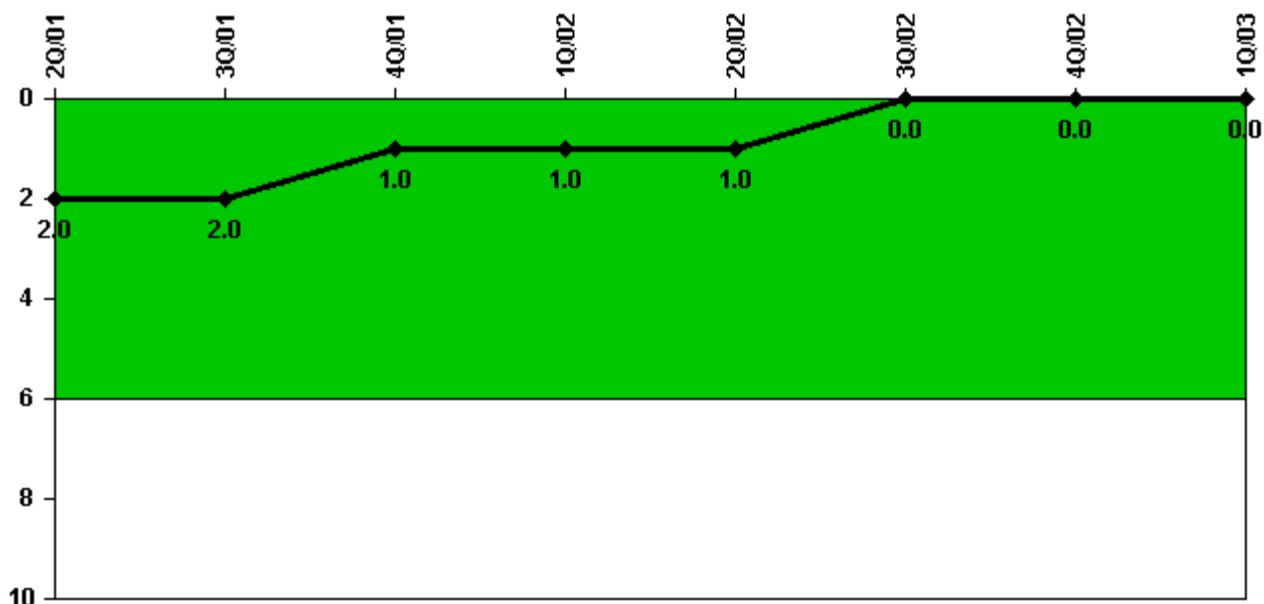
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 12.35 | 20.73 | 1.40 | 0 | 80.18 | 15.00 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 5.80 | 0.87 | 0 | 108.33 | 66.13 |
| Unplanned unavailable hours | 0 | 3.25 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2121.67 | 2160.00 | 2183.00 | 1725.85 | 2142.02 | 2160.00 |
| | | | | | | | | |
| Indicator value | 0.5% | 0.5% | 0.5% | 0.3% | 0.3% | 0.3% | 0.6% | 0.8% |

Licensee Comments: none

Safety System Functional Failures (BWR)



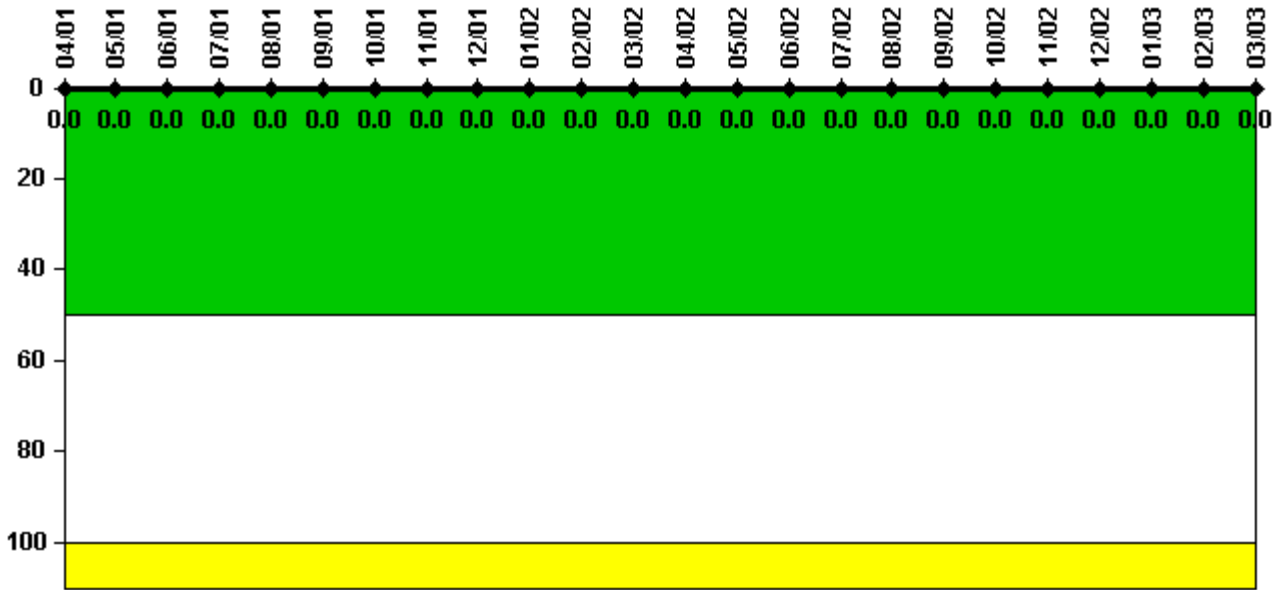
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

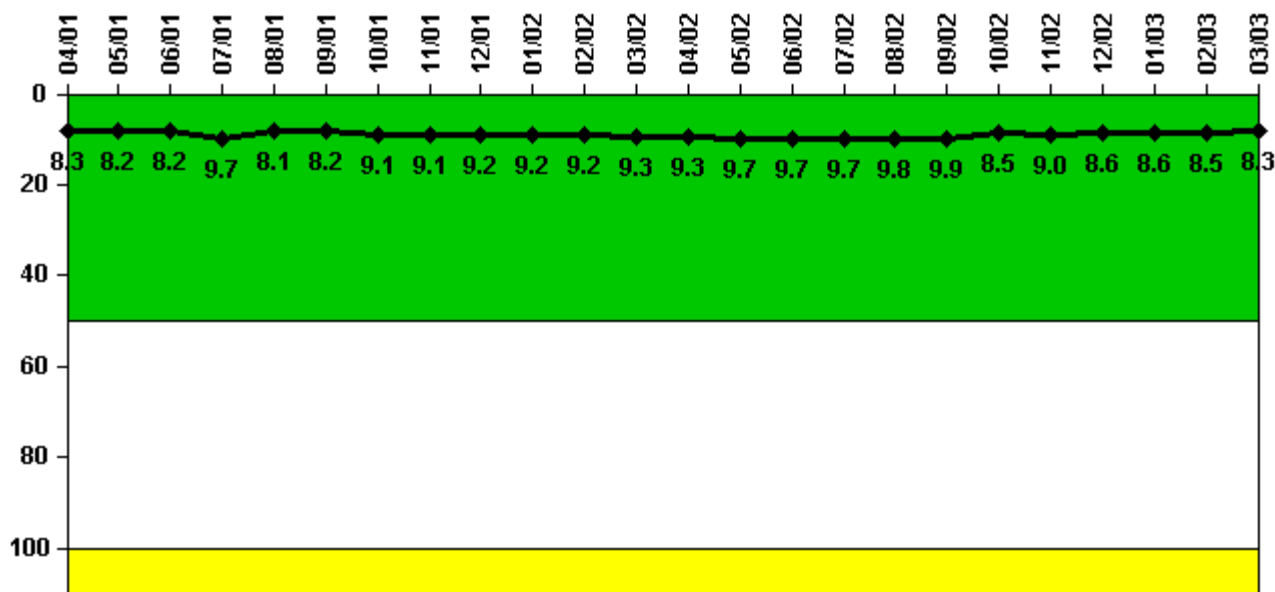
Notes

| Reactor Coolant System Activity | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000007 | 0.000003 | 0.000006 | 0.000011 | 0.000004 | 0.000003 | 0.000002 | 0.000004 | 0.000005 | 0.000013 | 0.000002 | 0.000002 |
| 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 | 4/02 | 5/02 | 6/02 | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000002 | 0.000002 | 0.000004 | 0.000005 | 0.000005 | 0.000001 | 0.000013 | 0.000005 | 0.000006 | 0.000008 | 0.000003 | 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 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

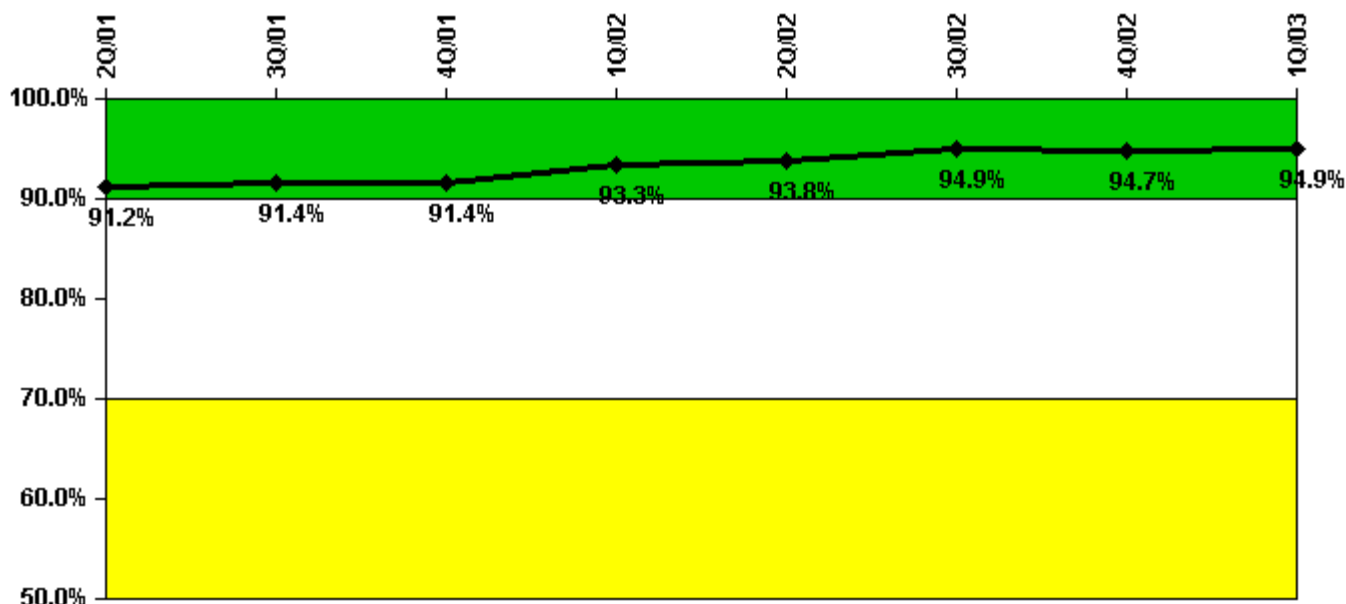
Notes

| Reactor Coolant System Leakage | 4/01 | 5/01 | 6/01 | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.080 | 2.040 | 2.040 | 2.420 | 2.020 | 2.060 | 2.270 | 2.270 | 2.290 | 2.290 | 2.290 | 2.320 |
| 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 | 8.3 | 8.2 | 8.2 | 9.7 | 8.1 | 8.2 | 9.1 | 9.1 | 9.2 | 9.2 | 9.2 | 9.3 |

| Reactor Coolant System Leakage | 4/02 | 5/02 | 6/02 | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.330 | 2.420 | 2.420 | 2.420 | 2.440 | 2.470 | 2.130 | 2.250 | 2.140 | 2.140 | 2.130 | 2.080 |
| 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 | 9.3 | 9.7 | 9.7 | 9.7 | 9.8 | 9.9 | 8.5 | 9.0 | 8.6 | 8.6 | 8.5 | 8.3 |

Licensee Comments: none

Drill/Exercise Performance



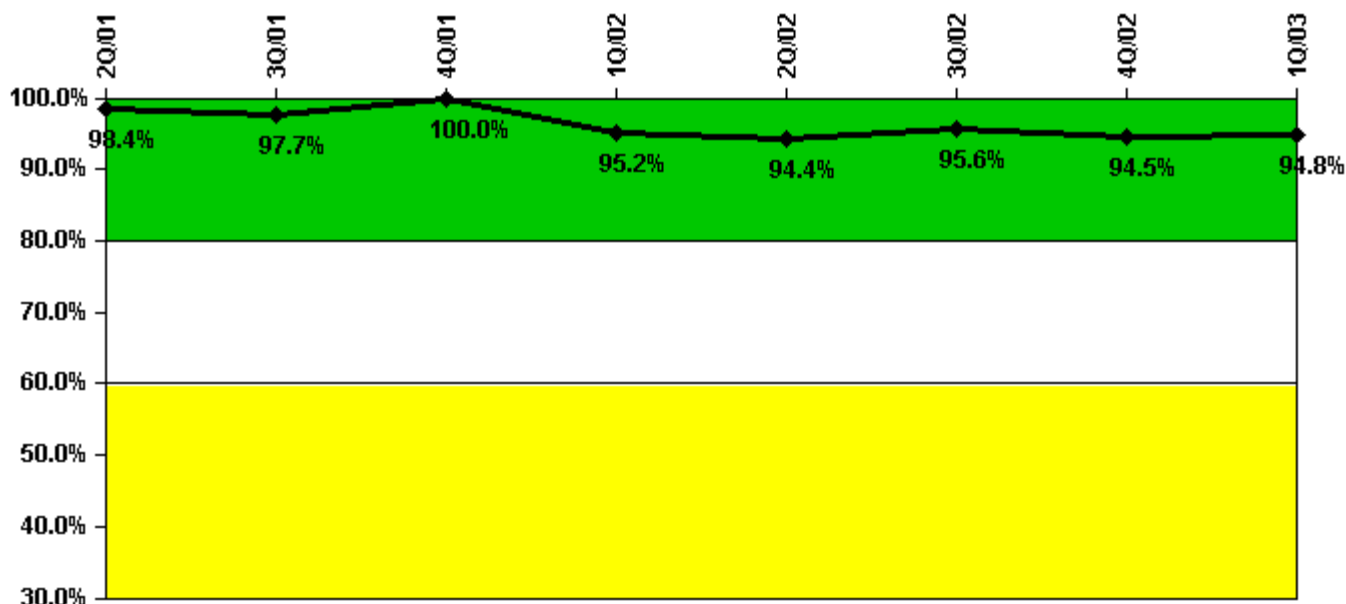
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 13.0 | 2.0 | 6.0 | 34.0 | 1.0 | 23.0 | 15.0 | 18.0 |
| Total opportunities | 16.0 | 2.0 | 6.0 | 34.0 | 2.0 | 24.0 | 16.0 | 18.0 |
| | | | | | | | | |
| Indicator value | 91.2% | 91.4% | 91.4% | 93.3% | 93.8% | 94.9% | 94.7% | 94.9% |

Licensee Comments: none

ERO Drill Participation



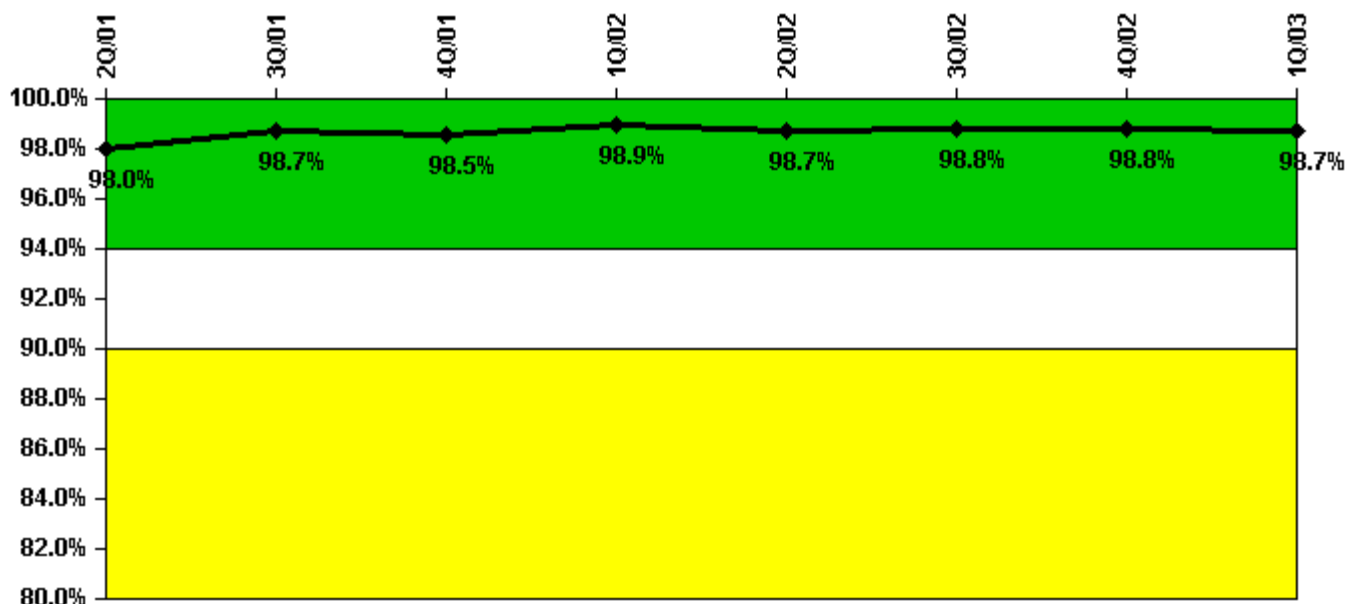
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|-----------------------------|-------|-------|--------|-------|-------|-------|-------|-------|
| Participating Key personnel | 63.0 | 42.0 | 42.0 | 40.0 | 119.0 | 43.0 | 137.0 | 147.0 |
| Total Key personnel | 64.0 | 43.0 | 42.0 | 42.0 | 126.0 | 45.0 | 145.0 | 155.0 |
| | | | | | | | | |
| Indicator value | 98.4% | 97.7% | 100.0% | 95.2% | 94.4% | 95.6% | 94.5% | 94.8% |

Licensee Comments: none

Alert & Notification System



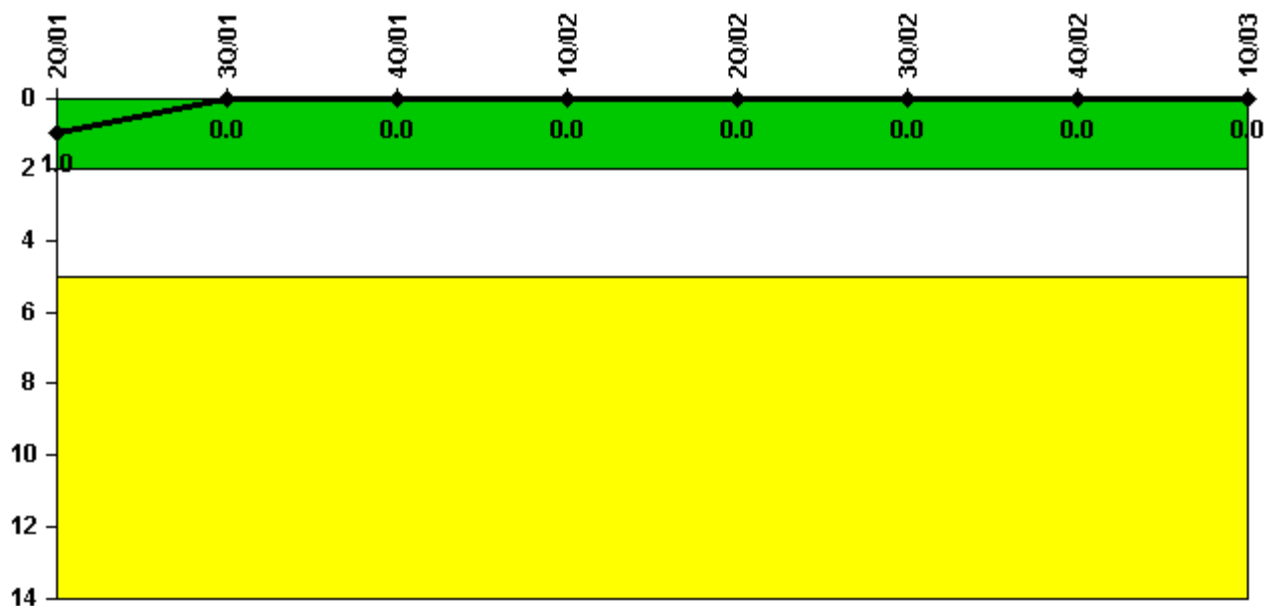
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1240 | 1236 | 1254 | 1256 | 1233 | 1241 | 1254 | 1251 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 98.0% | 98.7% | 98.5% | 98.9% | 98.7% | 98.8% | 98.8% | 98.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



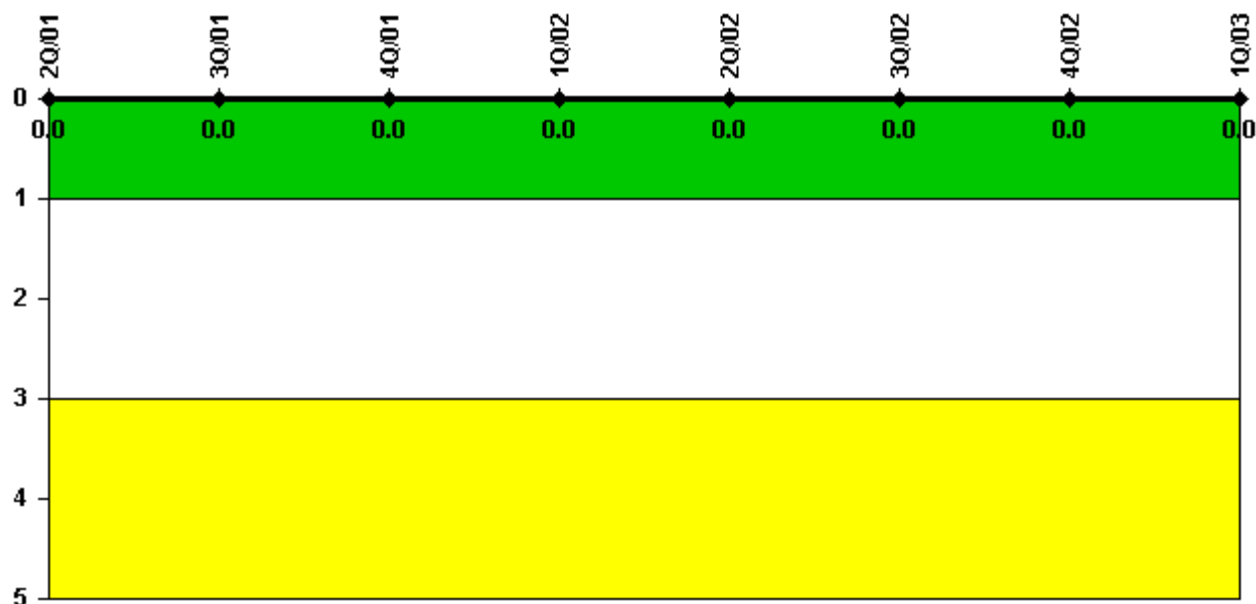
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



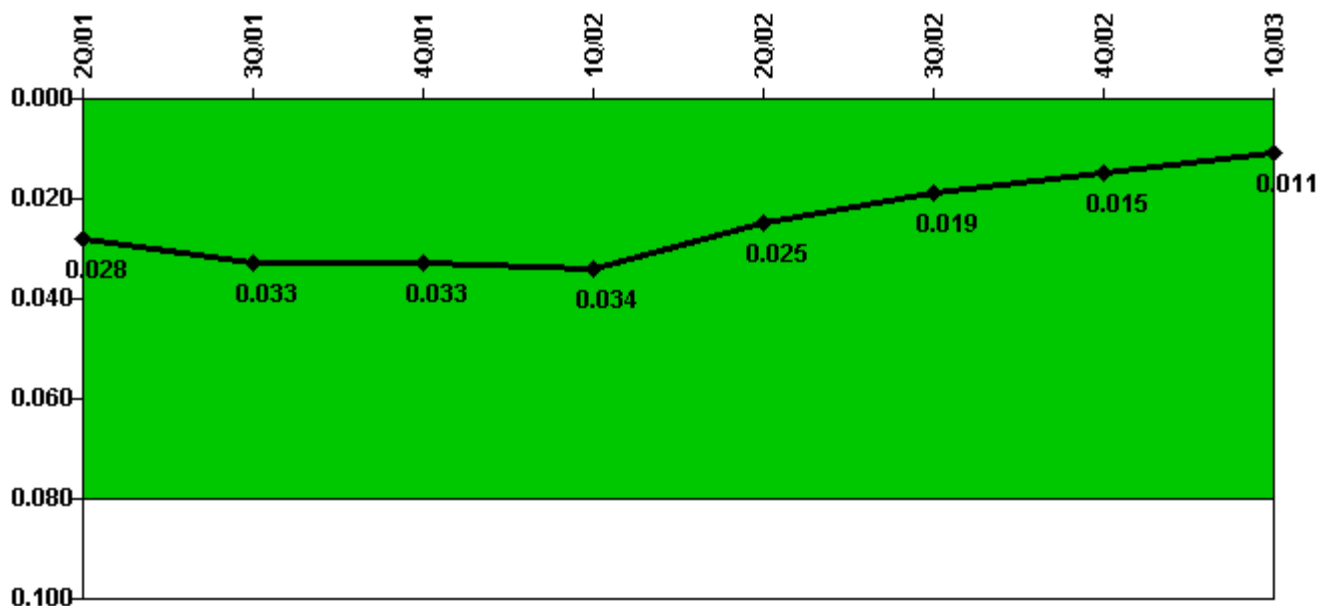
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



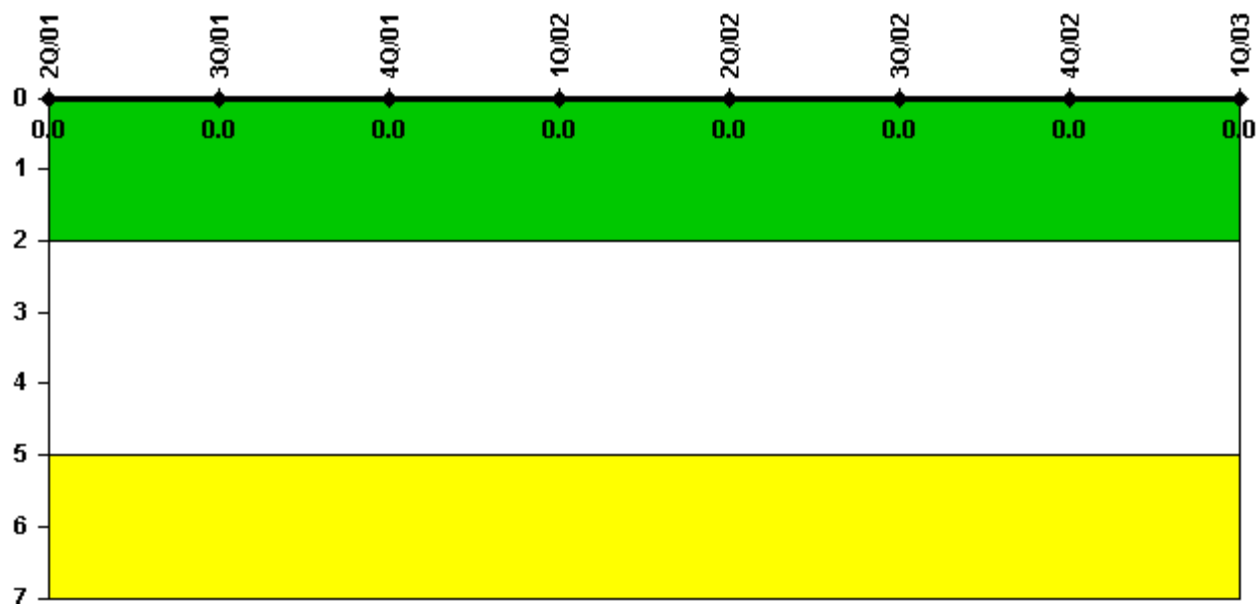
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 435.40 | 244.60 | 153.20 | 179.80 | 130.60 | 67.20 | 55.30 | 60.50 |
| CCTV compensatory hours | 4.4 | 23.8 | 20.6 | 19.5 | 0.6 | 22.1 | 0 | 2.5 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | | | |
| Index Value | 0.028 | 0.033 | 0.033 | 0.034 | 0.025 | 0.019 | 0.015 | 0.011 |

Licensee Comments: none

Personnel Screening Program



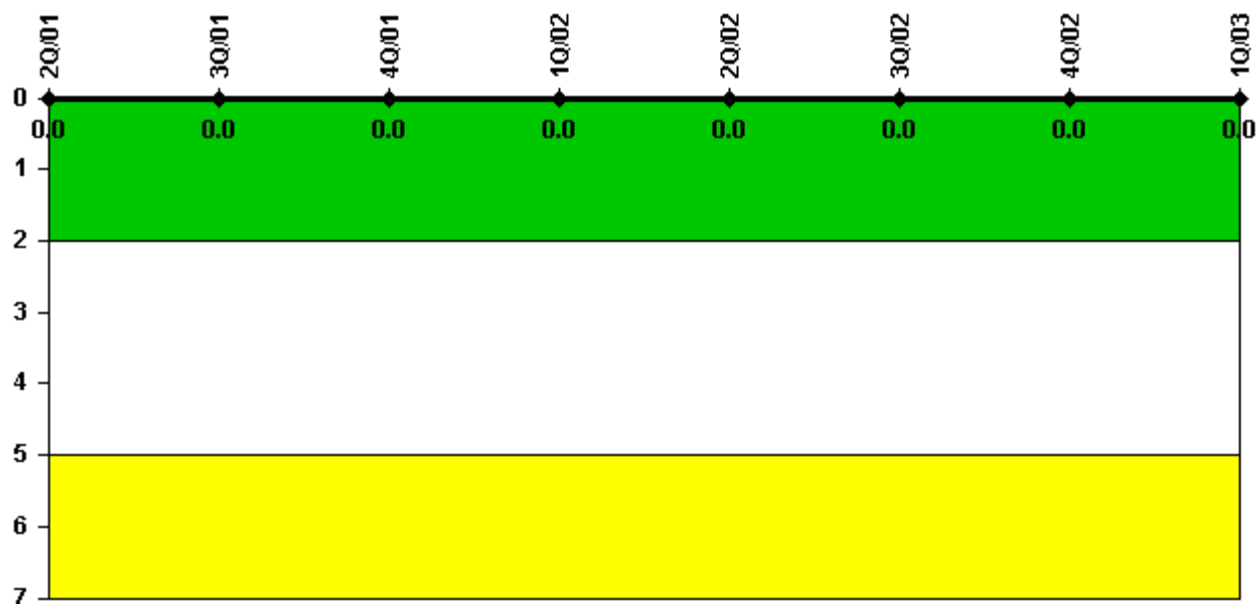
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 2Q/01 | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

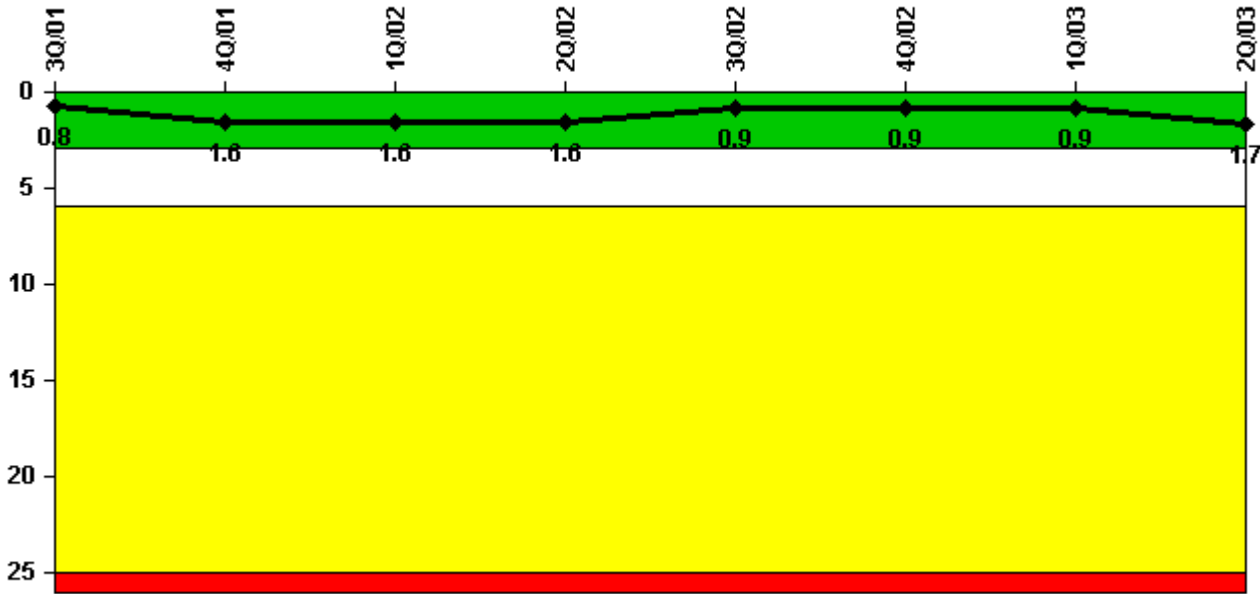
Last Modified: April 22, 2003

Peach Bottom 2

2Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



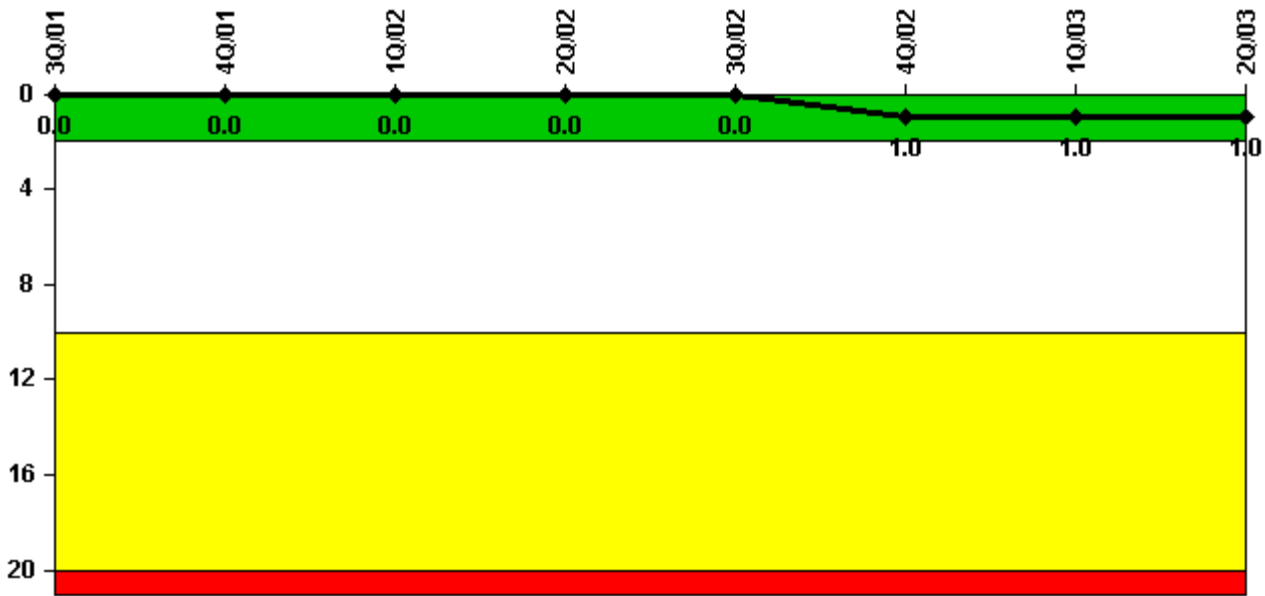
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 1.0 | 1.0 | 0 | 0 | 0 | 1.0 | 0 | 1.0 |
| Critical hours | 2161.1 | 2100.9 | 2160.0 | 2183.0 | 1719.1 | 2119.9 | 2160.0 | 2154.8 |
| Indicator value | 0.8 | 1.6 | 1.6 | 1.6 | 0.9 | 0.9 | 0.9 | 1.7 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



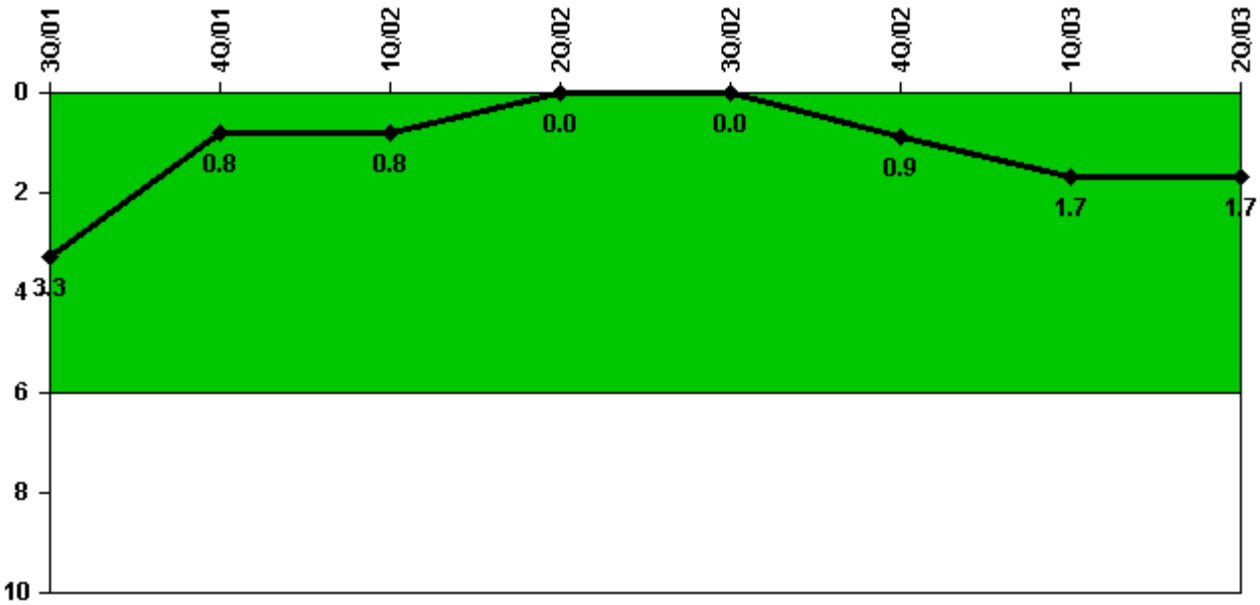
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



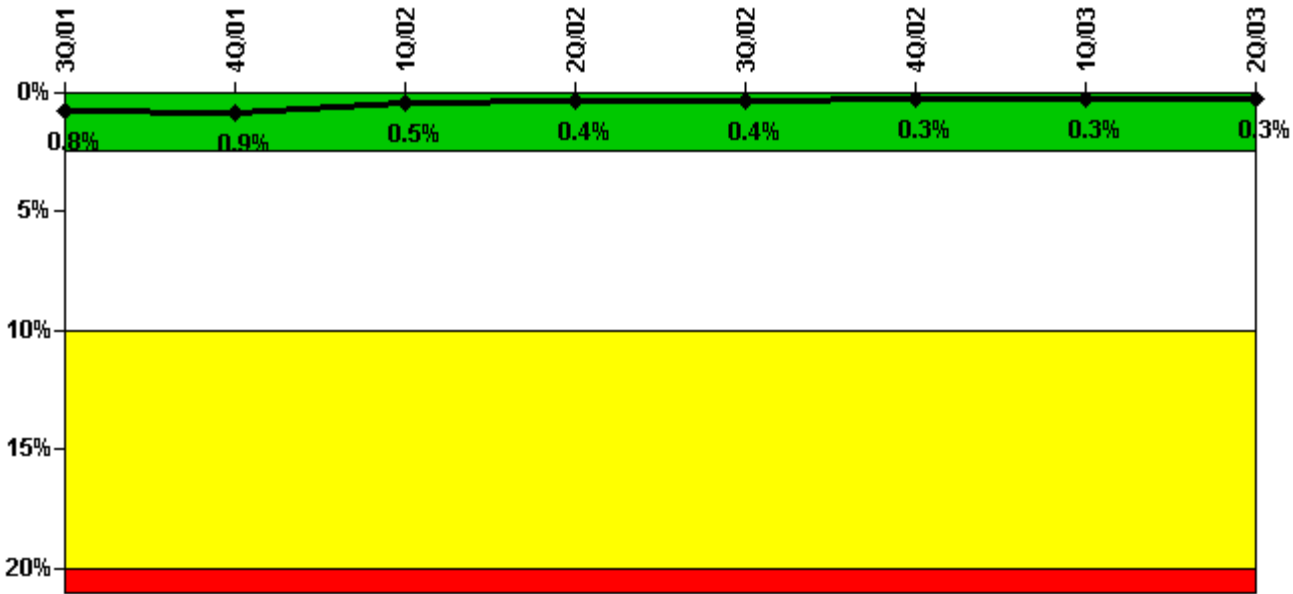
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|------------|------------|------------|----------|----------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 0 |
| Critical hours | 2161.1 | 2100.9 | 2160.0 | 2183.0 | 1719.1 | 2119.9 | 2160.0 | 2154.8 |
| | | | | | | | | |
| Indicator value | 3.3 | 0.8 | 0.8 | 0 | 0 | 0.9 | 1.7 | 1.7 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

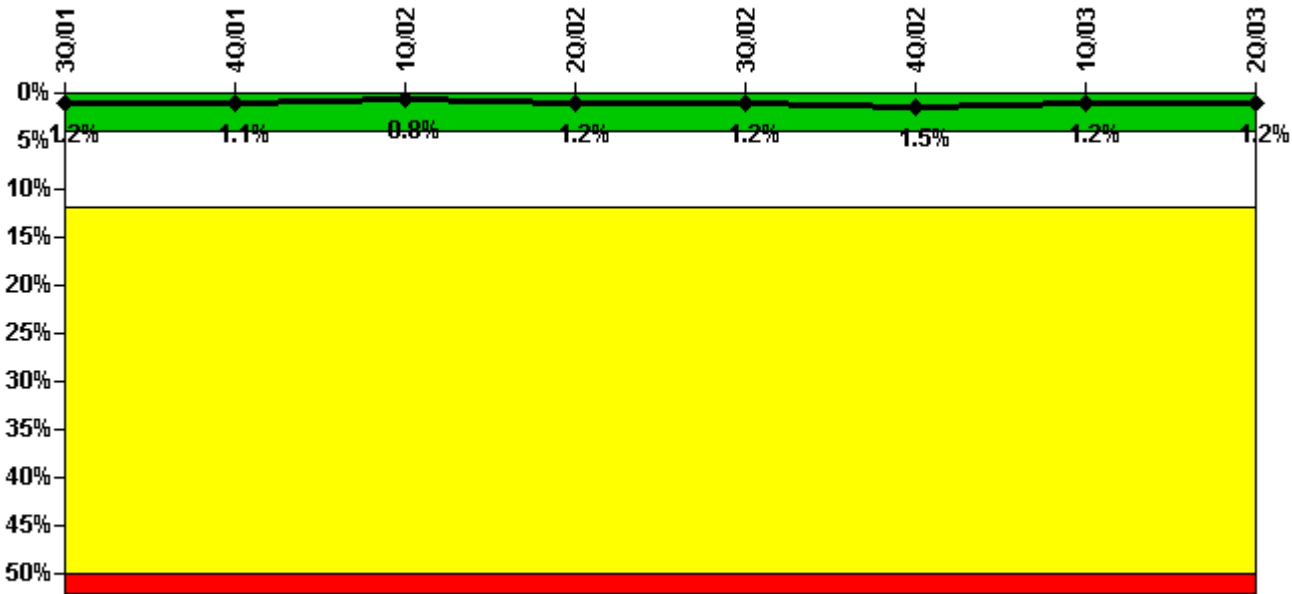
Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0.10 | 0 | 0 | 0 | 1.00 | 0.50 | 5.50 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0.10 | 0 | 11.25 | 26.75 | 0 | 0 | 0 | 0.50 |
| Unplanned unavailable hours | 0 | 4.00 | 0 | 0 | 0 | 0 | 15.00 | 0 |
| Fault exposure hours | 0 | 129.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0.50 | 0.50 | 0 | 1.00 | 6.75 |
| Unplanned unavailable hours | 6.50 | 0 | 0 | 20.00 | 0 | 1.50 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0.10 | 0 | 0 | 0 | 0 | 0 | 1.00 | 0 |
| Unplanned unavailable hours | 0 | 0 | 7.00 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2201.75 | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 |

| | | | | | | | | |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | | | | |
| Indicator value | 0.8% | 0.9% | 0.5% | 0.4% | 0.4% | 0.3% | 0.3% | 0.3% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



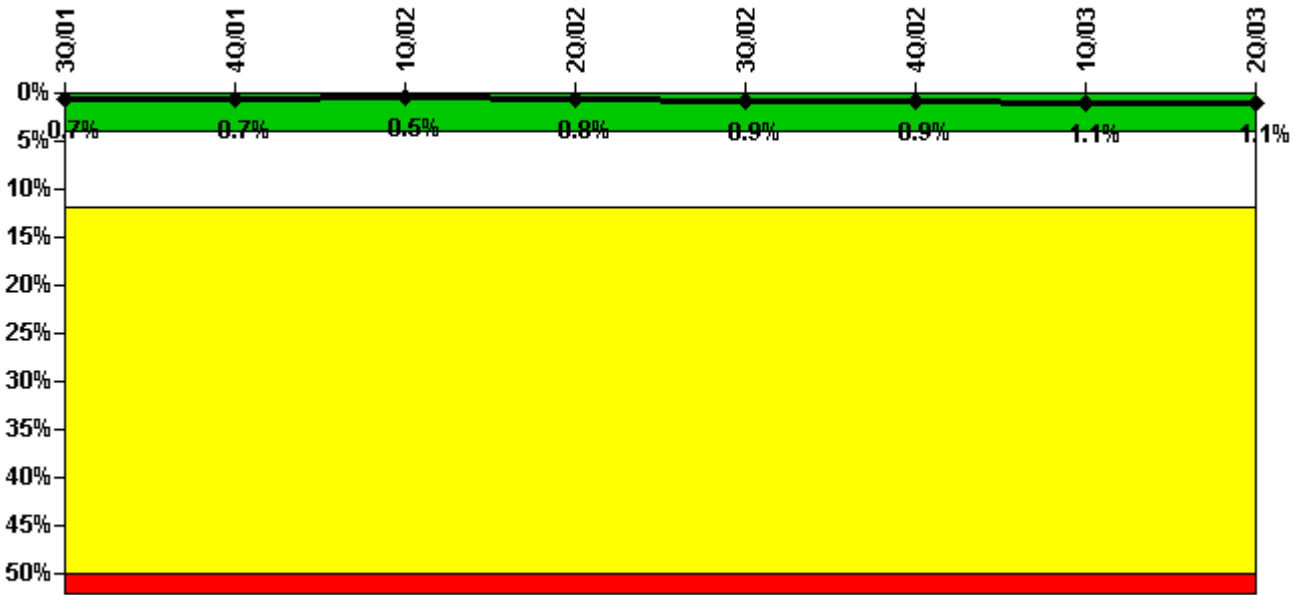
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 3.52 | 6.36 | 7.78 | 122.45 | 0 | 109.45 | 6.93 | 23.45 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2161.08 | 2100.93 | 2160.00 | 2183.00 | 1719.08 | 2119.85 | 2160.00 | 2154.80 |
| | | | | | | | | |
| Indicator value | 1.2% | 1.1% | 0.8% | 1.2% | 1.2% | 1.5% | 1.2% | 1.2% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



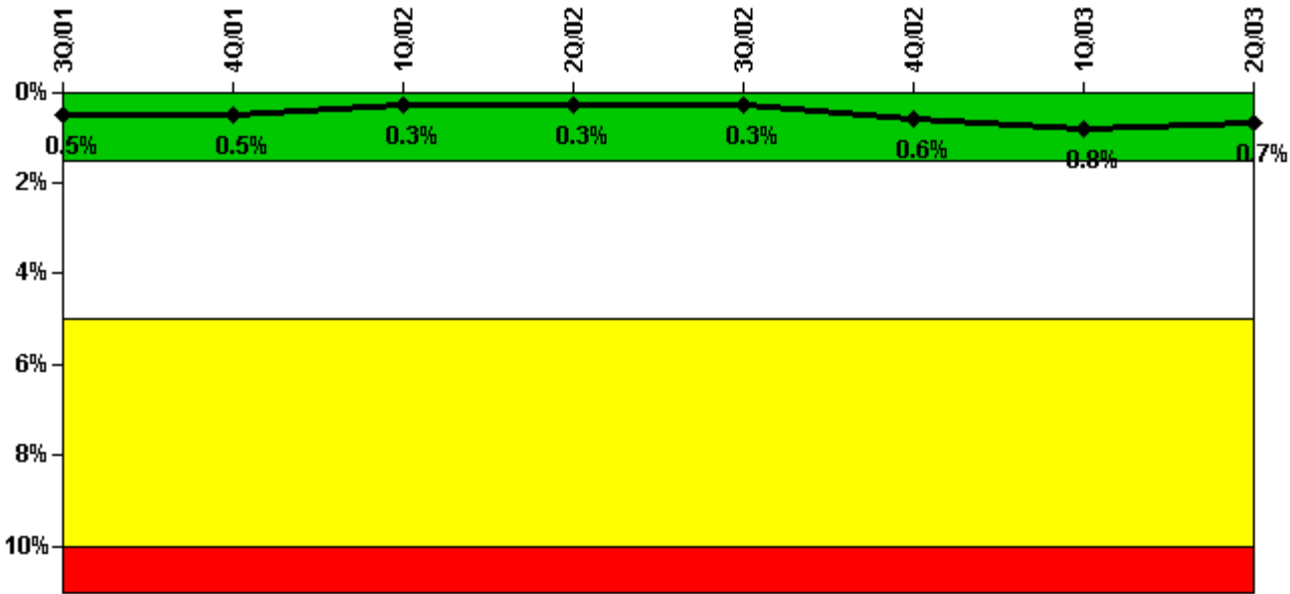
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 71.09 | 8.68 | 12.14 | 59.33 | 33.88 | 1.40 | 62.72 | 0.95 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2161.08 | 2100.93 | 2160.00 | 2183.00 | 1719.08 | 2119.85 | 2160.00 | 2154.80 |
| | | | | | | | | |
| Indicator value | 0.7% | 0.7% | 0.5% | 0.8% | 0.9% | 0.9% | 1.1% | 1.1% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

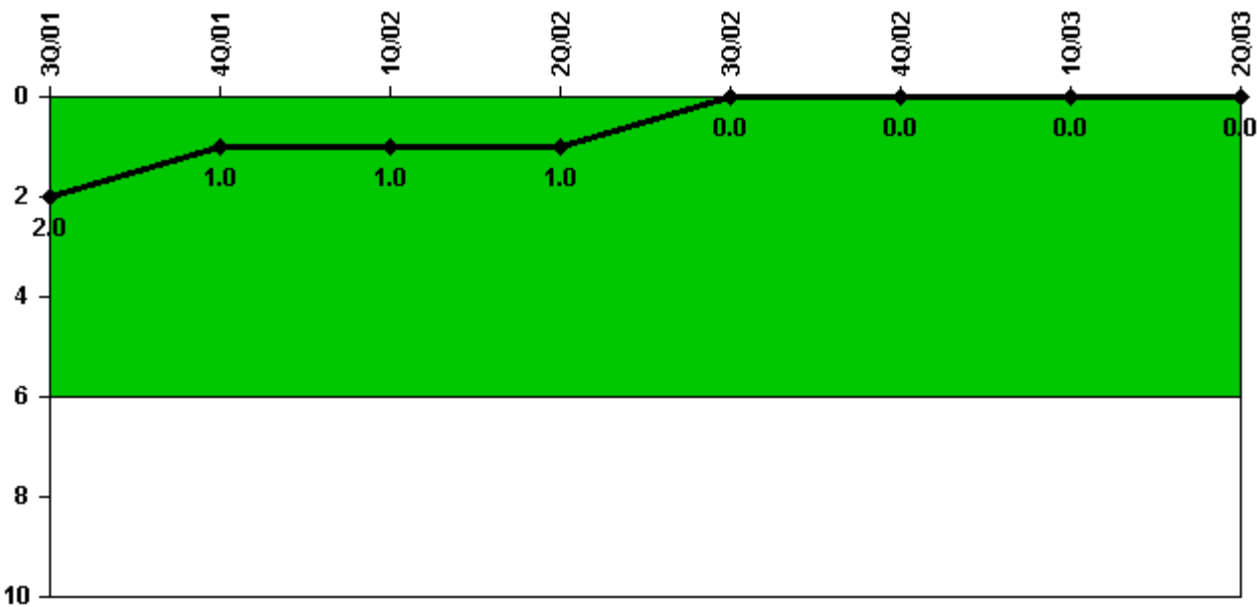
Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 12.35 | 20.73 | 1.40 | 0 | 80.18 | 15.00 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 5.80 | 0.87 | 0 | 108.33 | 66.13 | 0 |
| Unplanned unavailable hours | 3.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2121.67 | 2160.00 | 2183.00 | 1725.85 | 2142.02 | 2160.00 | 2183.00 |
| | | | | | | | | |
| Indicator value | 0.5% | 0.5% | 0.3% | 0.3% | 0.3% | 0.6% | 0.8% | 0.7% |

Licensee Comments:

2Q/03: 4/03- train required 720-1 (daylight savings) =719

Safety System Functional Failures (BWR)



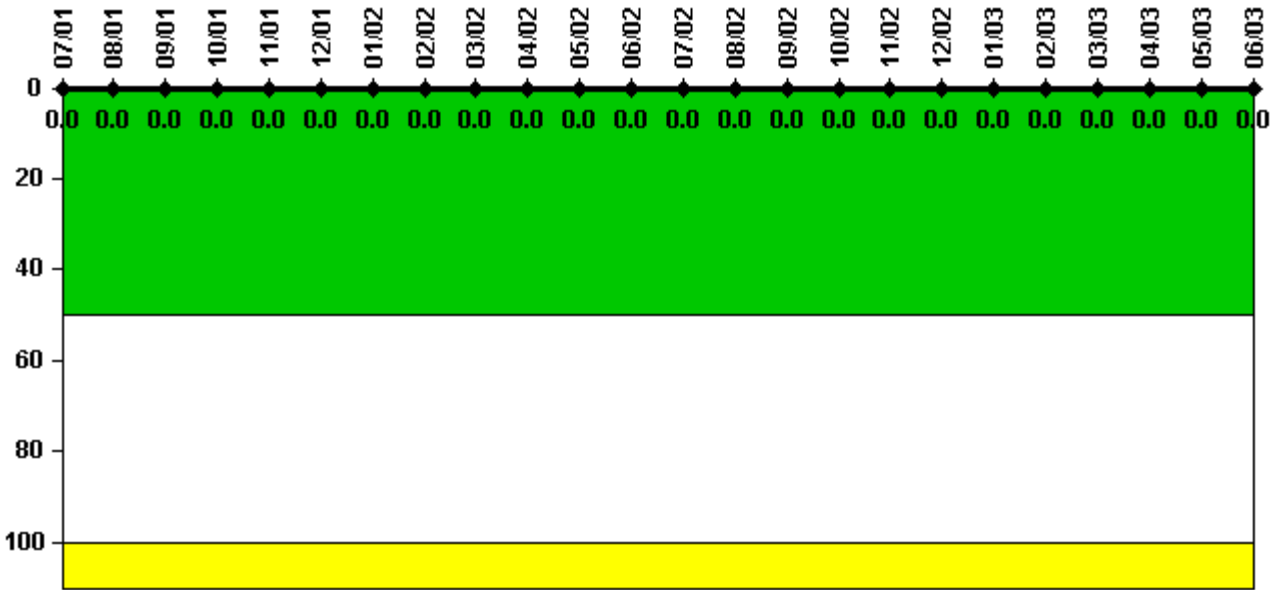
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

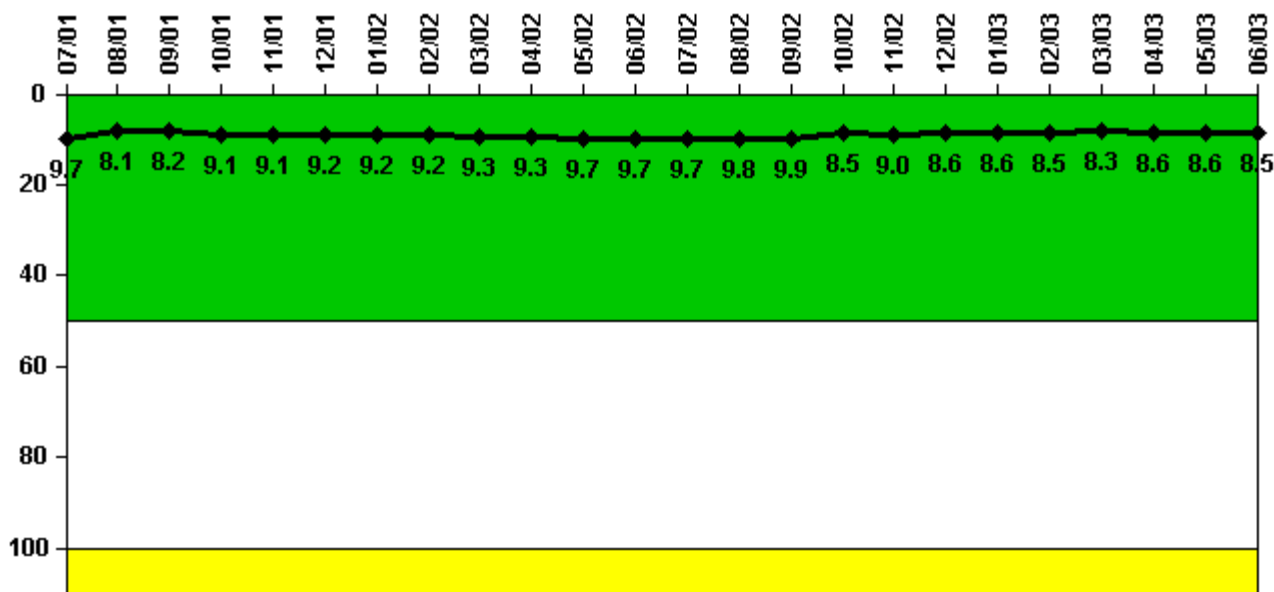
Notes

| Reactor Coolant System Activity | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000011 | 0.000004 | 0.000003 | 0.000002 | 0.000004 | 0.000005 | 0.000013 | 0.000002 | 0.000002 | 0.000002 | 0.000002 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Reactor Coolant System Activity | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000005 | 0.000005 | 0.000001 | 0.000013 | 0.000005 | 0.000006 | 0.000008 | 0.000003 | 0.000005 | 0.000002 | 0.000008 | 0.000009 |
| 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

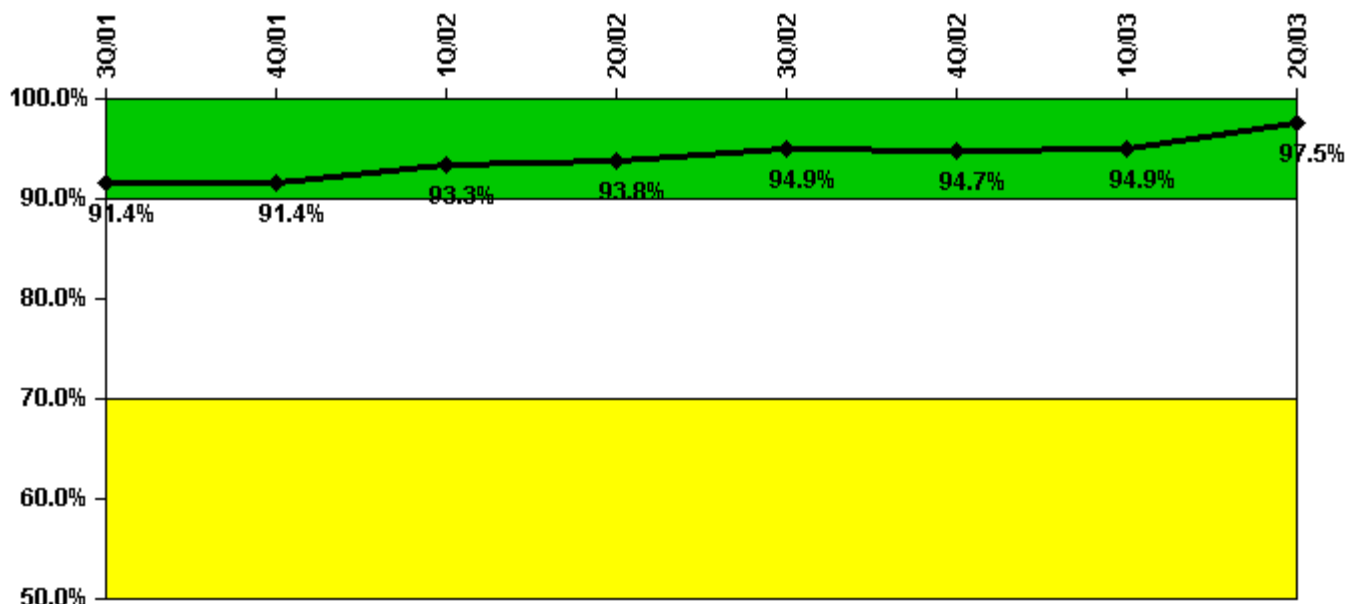
Notes

| Reactor Coolant System Leakage | 7/01 | 8/01 | 9/01 | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.420 | 2.020 | 2.060 | 2.270 | 2.270 | 2.290 | 2.290 | 2.290 | 2.320 | 2.330 | 2.420 | 2.420 |
| 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 | 9.7 | 8.1 | 8.2 | 9.1 | 9.1 | 9.2 | 9.2 | 9.2 | 9.3 | 9.3 | 9.7 | 9.7 |

| Reactor Coolant System Leakage | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.420 | 2.440 | 2.470 | 2.130 | 2.250 | 2.140 | 2.140 | 2.130 | 2.080 | 2.140 | 2.140 | 2.130 |
| 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 | 9.7 | 9.8 | 9.9 | 8.5 | 9.0 | 8.6 | 8.6 | 8.5 | 8.3 | 8.6 | 8.6 | 8.5 |

Licensee Comments: none

Drill/Exercise Performance



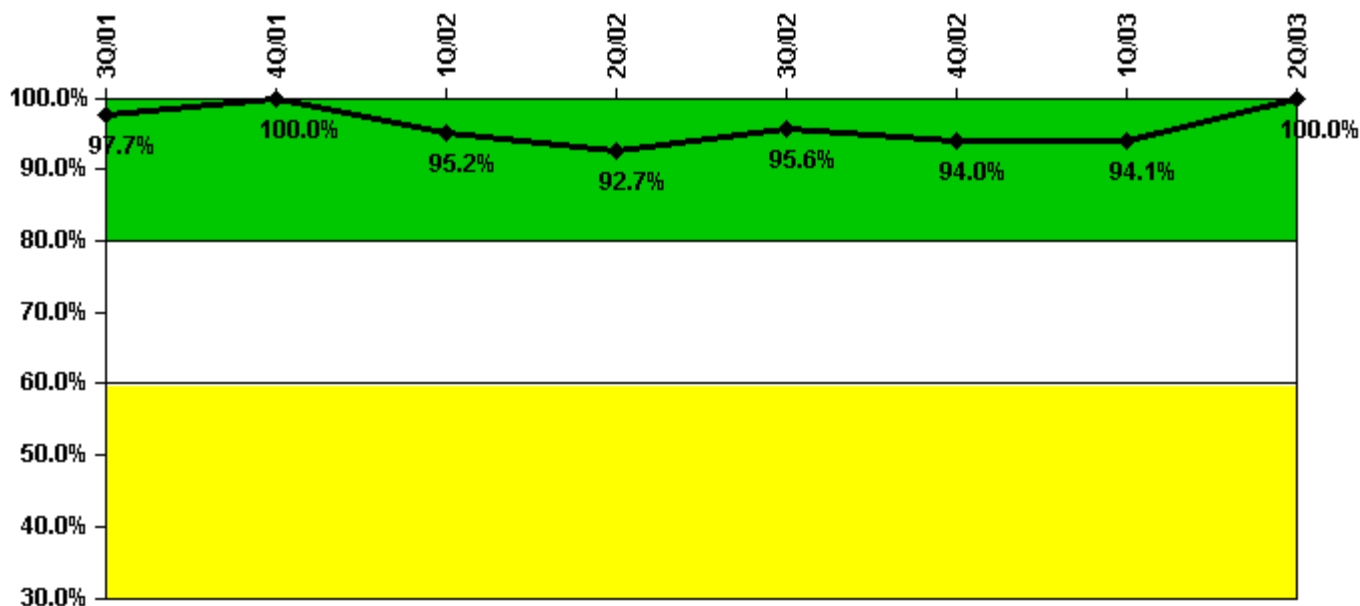
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 2.0 | 6.0 | 34.0 | 1.0 | 23.0 | 15.0 | 18.0 | 57.0 |
| Total opportunities | 2.0 | 6.0 | 34.0 | 2.0 | 24.0 | 16.0 | 18.0 | 58.0 |
| | | | | | | | | |
| Indicator value | 91.4% | 91.4% | 93.3% | 93.8% | 94.9% | 94.7% | 94.9% | 97.5% |

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|-----------------------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Participating Key personnel | 42.0 | 42.0 | 40.0 | 38.0 | 43.0 | 47.0 | 48.0 | 53.0 |
| Total Key personnel | 43.0 | 42.0 | 42.0 | 41.0 | 45.0 | 50.0 | 51.0 | 53.0 |
| | | | | | | | | |
| Indicator value | 97.7% | 100.0% | 95.2% | 92.7% | 95.6% | 94.0% | 94.1% | 100.0% |

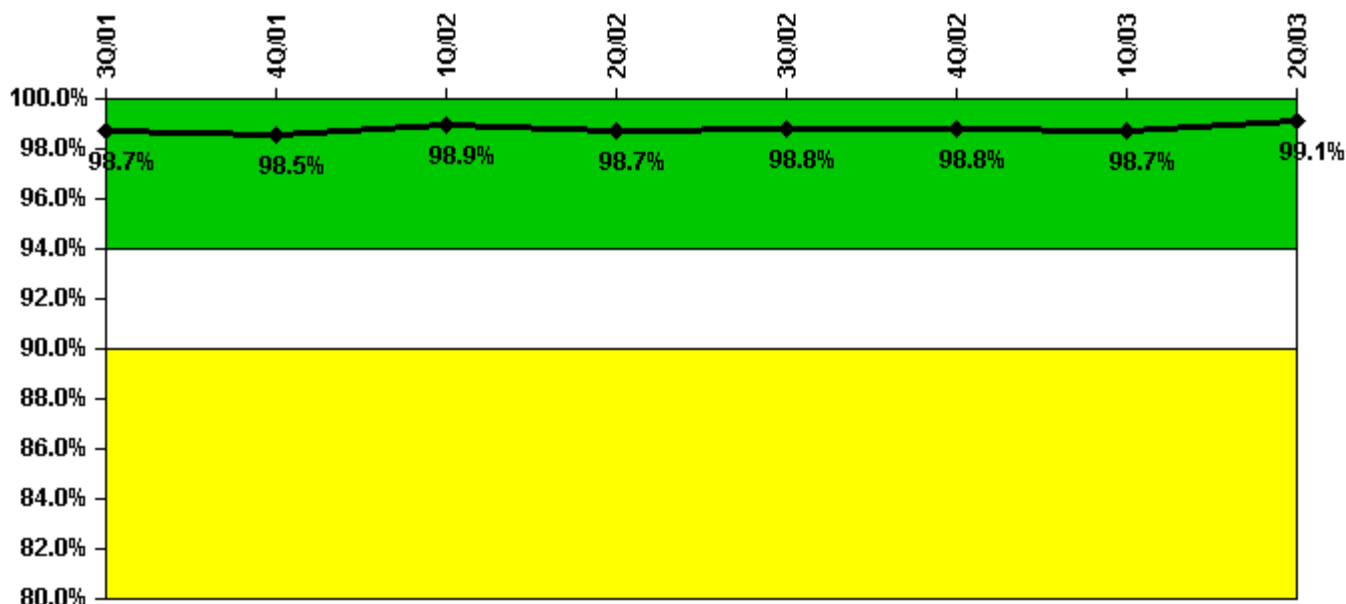
Licensee Comments:

1Q/03: Changed due to the fact that the initial submittal submitted a cumulative total for the quarter instead of the final month total.

4Q/02: Changed due to the fact that the initial submittal submitted a cumulative total for the quarter instead of the final month total.

2Q/02: Changed due to the fact that the initial submittal submitted a cumulative total for the quarter instead of the final month total.

Alert & Notification System



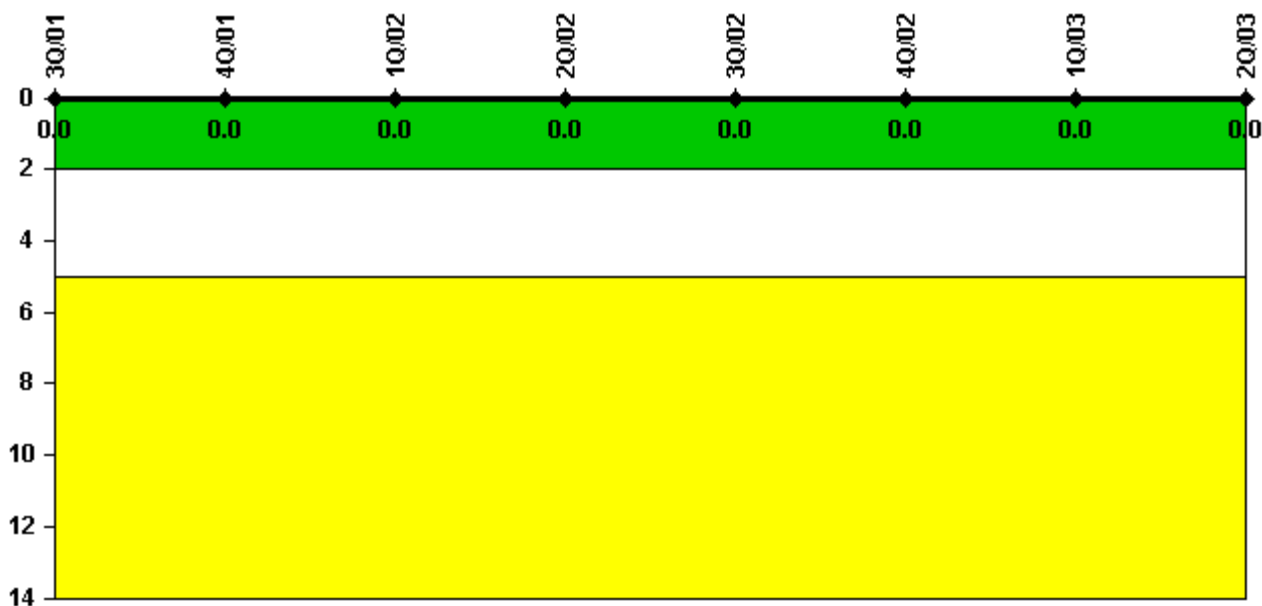
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1236 | 1254 | 1256 | 1233 | 1241 | 1254 | 1251 | 1254 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 98.7% | 98.5% | 98.9% | 98.7% | 98.8% | 98.8% | 98.7% | 99.1% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



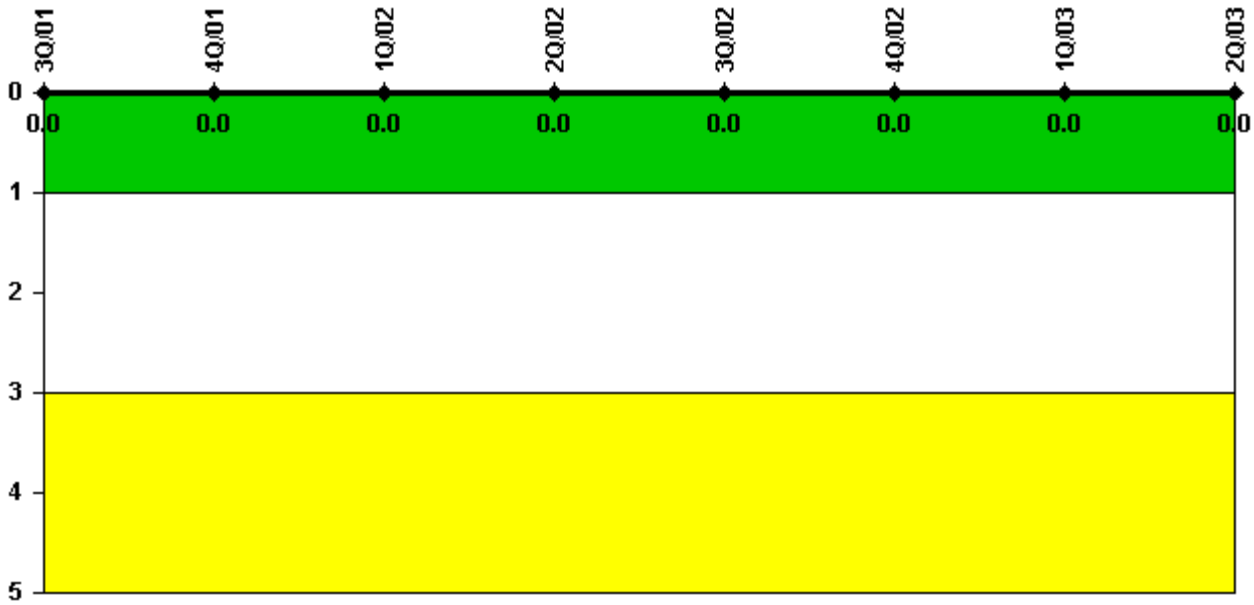
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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



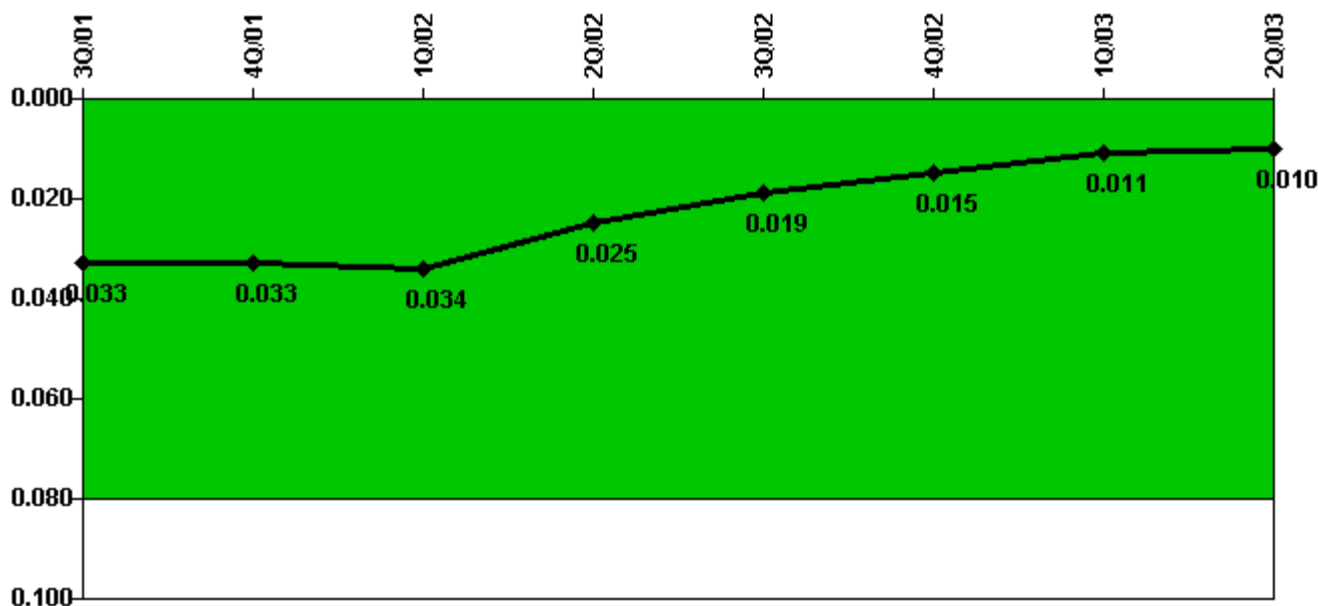
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



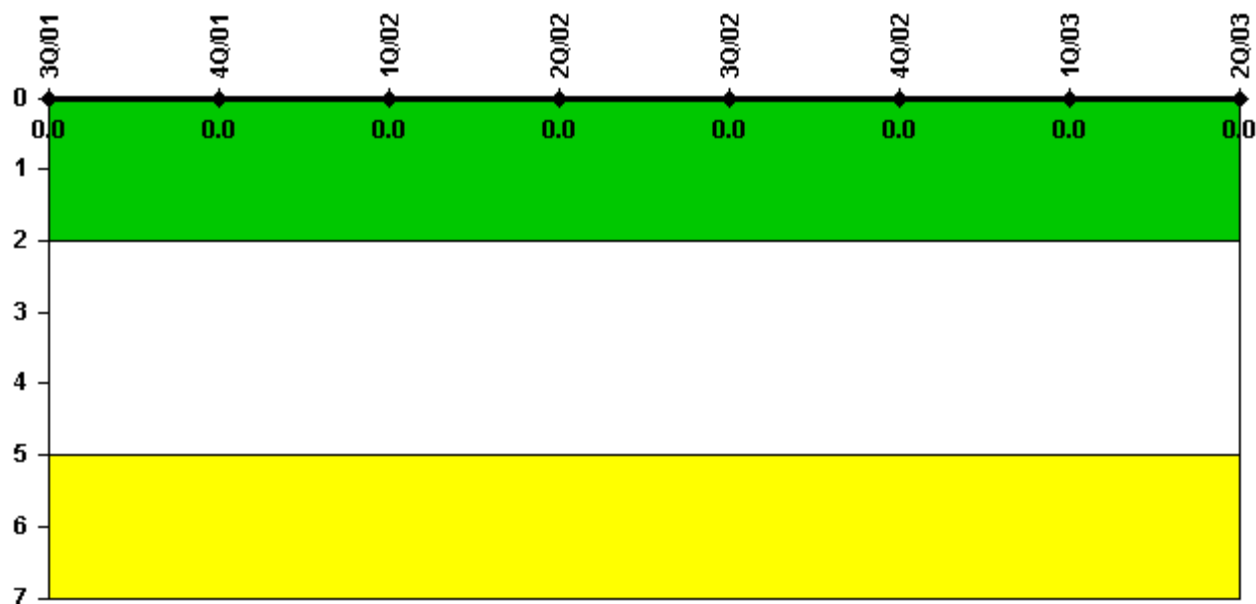
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 244.60 | 153.20 | 179.80 | 130.60 | 67.20 | 55.30 | 60.50 | 75.60 |
| CCTV compensatory hours | 23.8 | 20.6 | 19.5 | 0.6 | 22.1 | 0 | 2.5 | 20.7 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | | | |
| Index Value | 0.033 | 0.033 | 0.034 | 0.025 | 0.019 | 0.015 | 0.011 | 0.010 |

Licensee Comments: none

Personnel Screening Program



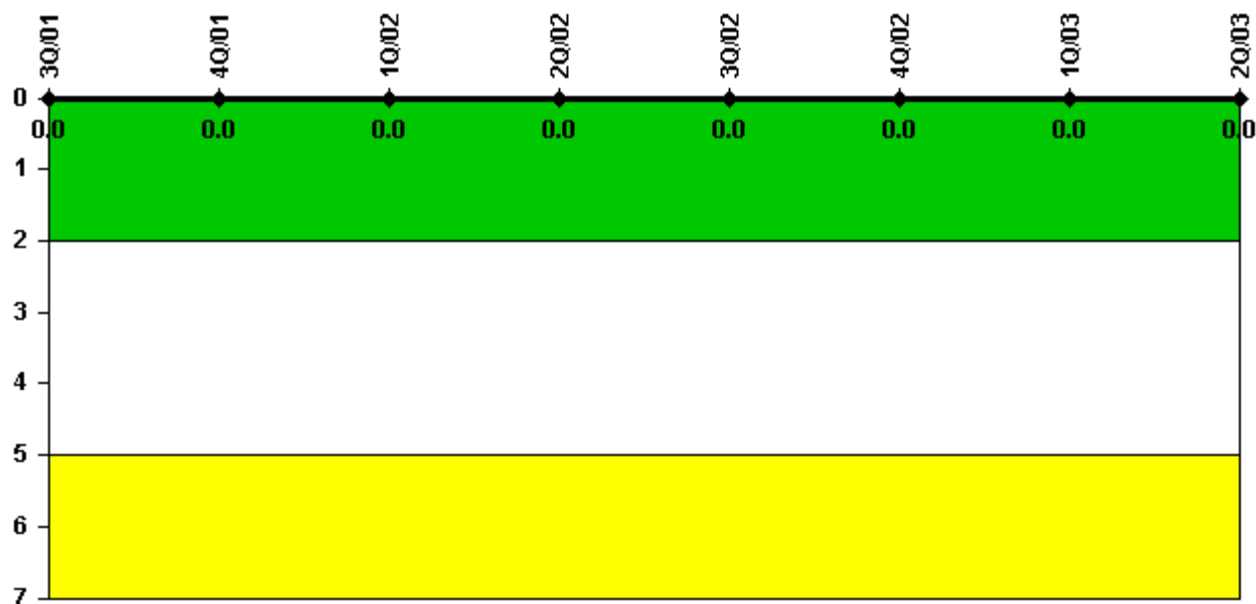
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 3Q/01 | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

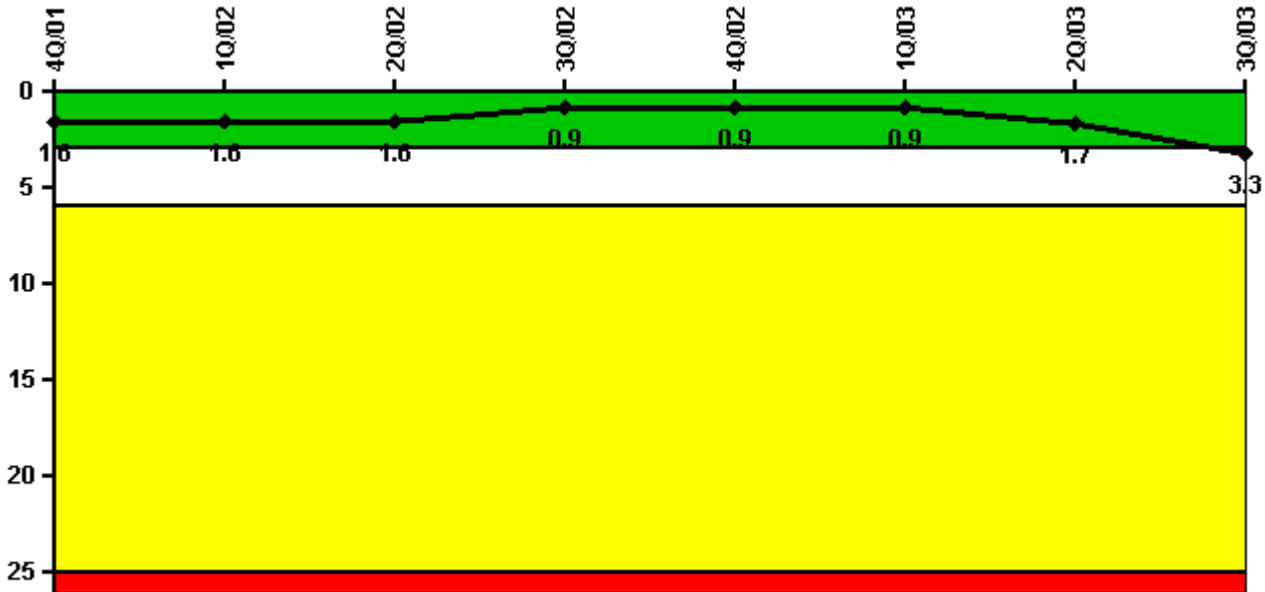
Last Modified: July 22, 2003

Peach Bottom 2

3Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



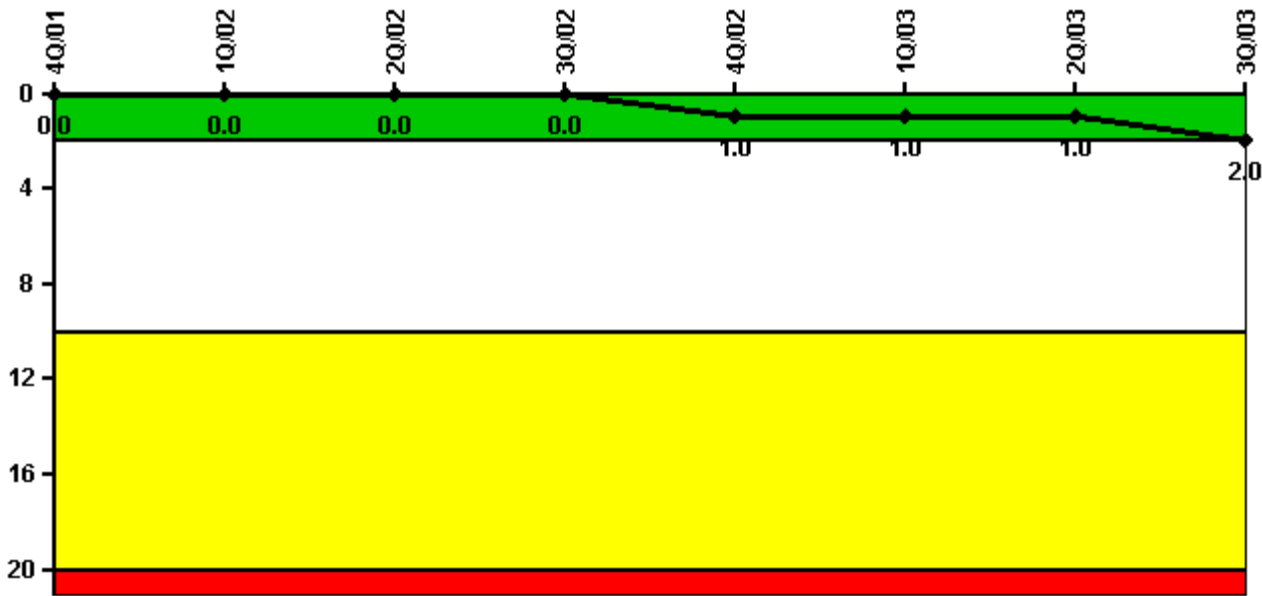
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 1.0 | 0 | 0 | 0 | 1.0 | 0 | 1.0 | 2.0 |
| Critical hours | 2100.9 | 2160.0 | 2183.0 | 1719.1 | 2119.9 | 2160.0 | 2154.8 | 1977.1 |
| Indicator value | 1.6 | 1.6 | 1.6 | 0.9 | 0.9 | 0.9 | 1.7 | 3.3 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



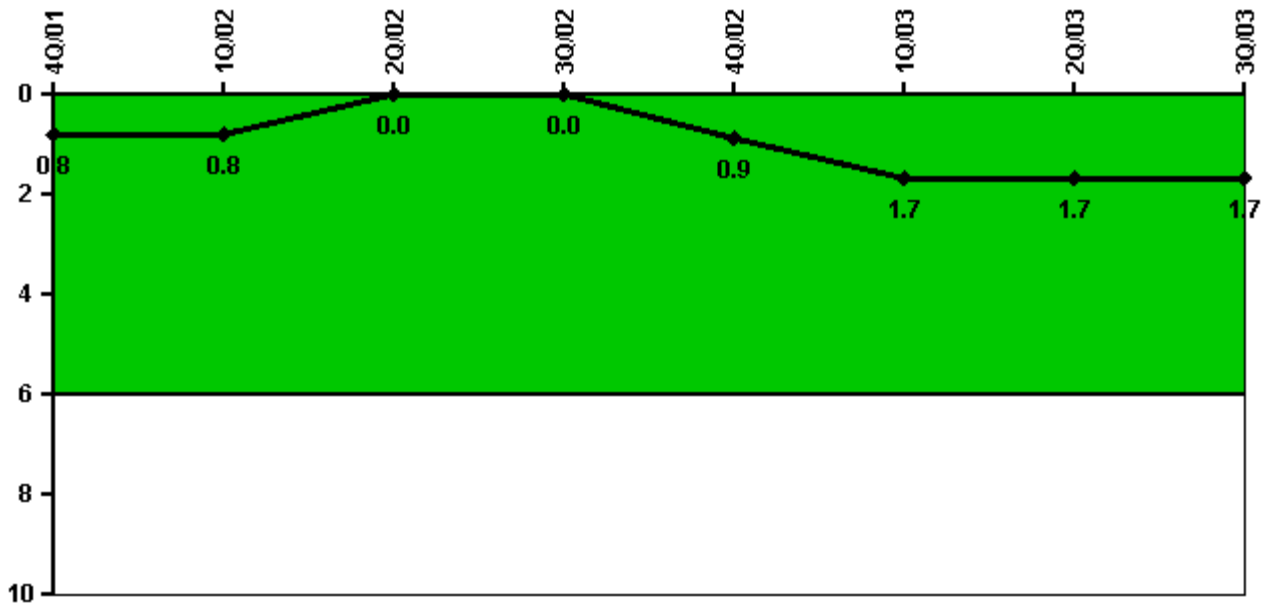
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 1.0 |
| Indicator value | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 1.0 | 2.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



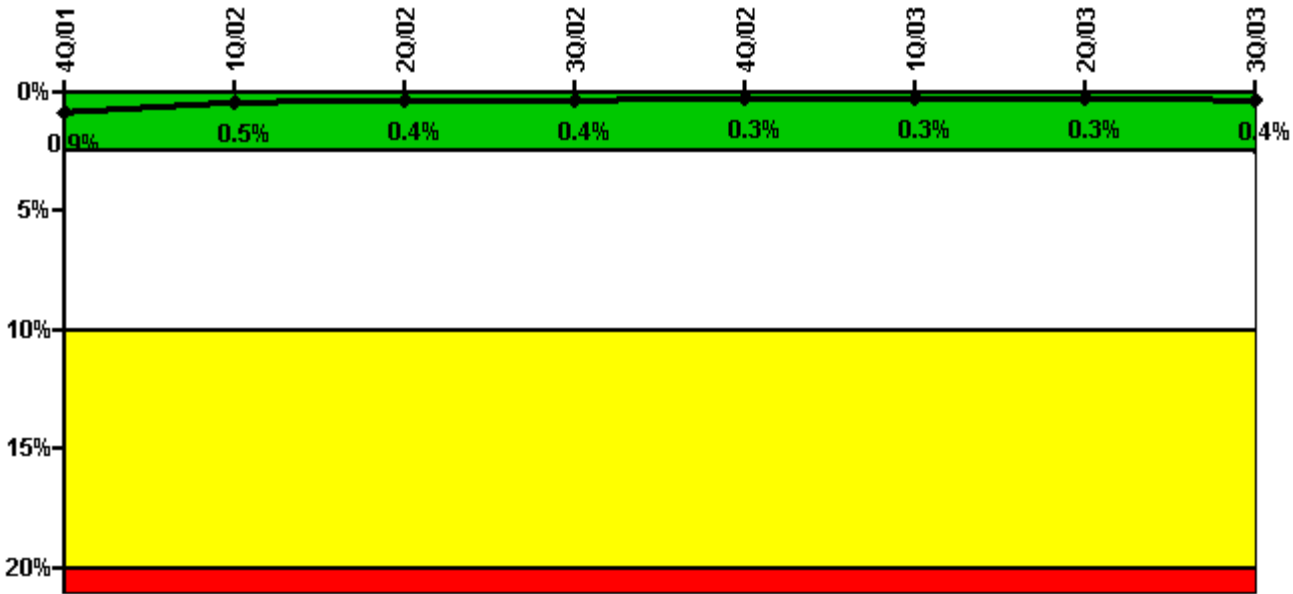
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---|------------|------------|----------|----------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 |
| Critical hours | 2100.9 | 2160.0 | 2183.0 | 1719.1 | 2119.9 | 2160.0 | 2154.8 | 1977.1 |
| | | | | | | | | |
| Indicator value | 0.8 | 0.8 | 0 | 0 | 0.9 | 1.7 | 1.7 | 1.7 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

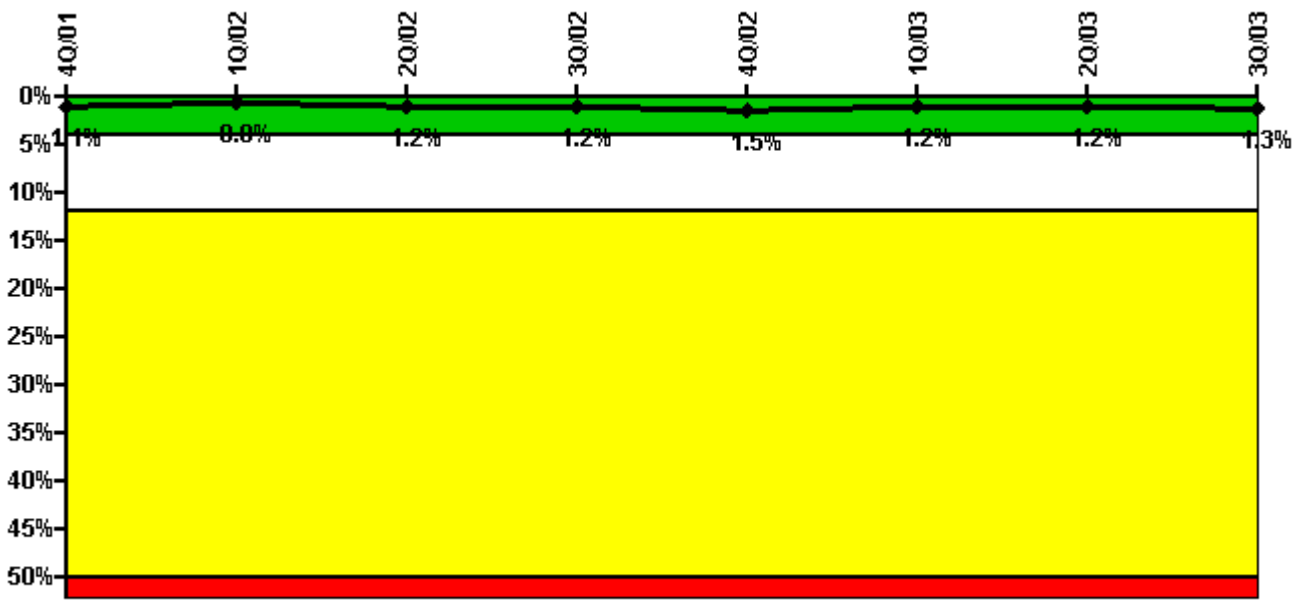
| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 1.00 | 0.50 | 5.50 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2208.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 11.25 | 26.75 | 0 | 0 | 0 | 0.50 | 13.50 |
| Unplanned unavailable hours | 4.00 | 0 | 0 | 0 | 0 | 15.00 | 0 | 26.00 |
| Fault exposure hours | 129.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2076.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0.50 | 0.50 | 0 | 1.00 | 6.75 | 0 |
| Unplanned unavailable hours | 0 | 0 | 20.00 | 0 | 1.50 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2208.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 1.00 | 0 | 13.00 |
| Unplanned unavailable hours | 0 | 7.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2165.50 | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2076.00 |

| | | | | | | | | |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | | | | |
| Indicator value | 0.9% | 0.5% | 0.4% | 0.4% | 0.3% | 0.3% | 0.3% | 0.4% |

Licensee Comments:

3Q/03: T/2 Fault Exposure for Train 2 = 147 hours. Train 2 tripped due to low jacket cooling pressure.

Safety System Unavailability, High Pressure Injection System (HPCI)



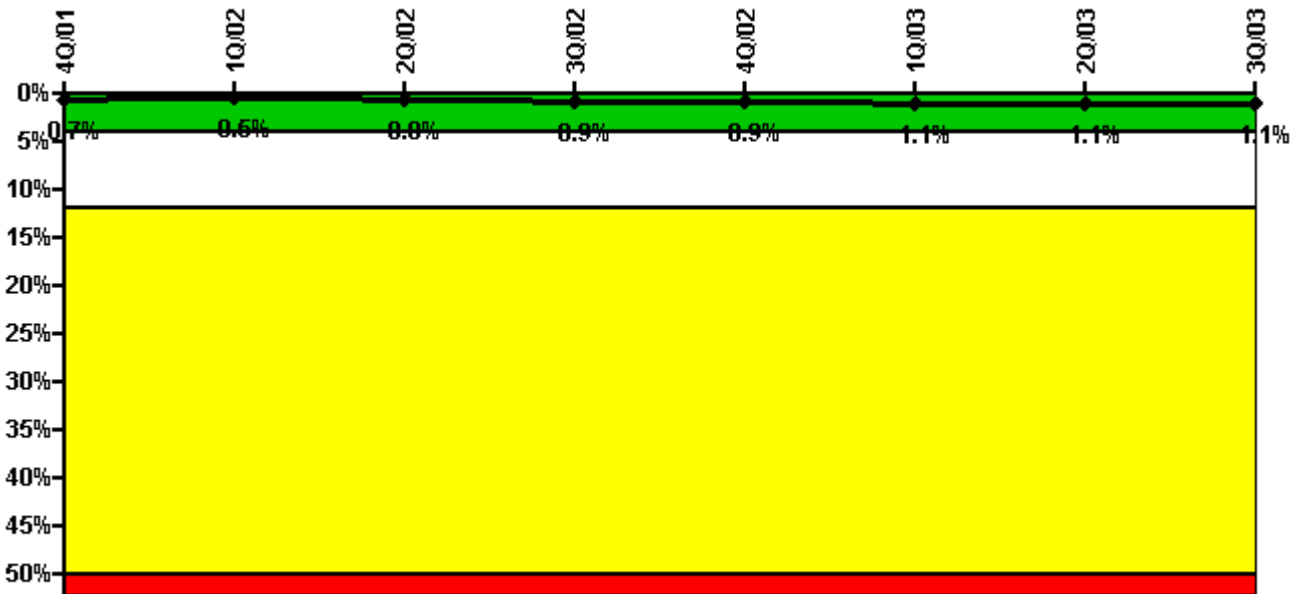
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 6.36 | 7.78 | 122.45 | 0 | 109.45 | 6.93 | 23.45 | 11.23 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2100.93 | 2160.00 | 2183.00 | 1719.08 | 2119.85 | 2160.00 | 2154.80 | 1977.09 |
| | | | | | | | | |
| Indicator value | 1.1% | 0.8% | 1.2% | 1.2% | 1.5% | 1.2% | 1.2% | 1.3% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



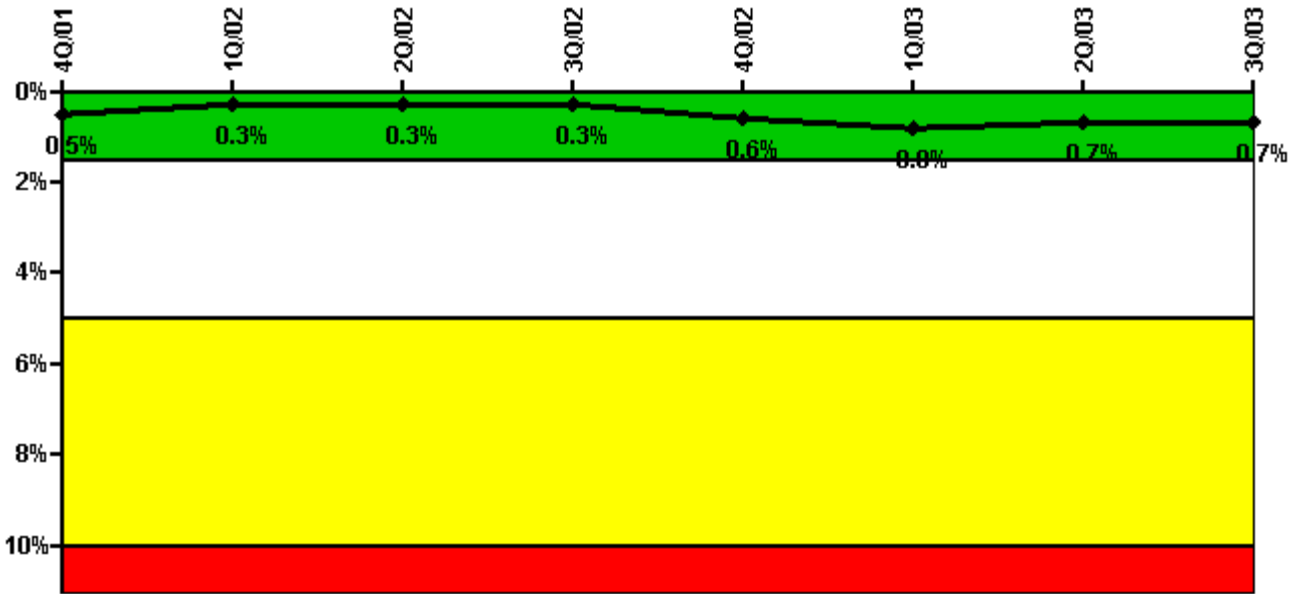
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 8.68 | 12.14 | 59.33 | 33.88 | 1.40 | 62.72 | 0.95 | 5.53 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2100.93 | 2160.00 | 2183.00 | 1719.08 | 2119.85 | 2160.00 | 2154.80 | 1977.09 |
| | | | | | | | | |
| Indicator value | 0.7% | 0.5% | 0.8% | 0.9% | 0.9% | 1.1% | 1.1% | 1.1% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

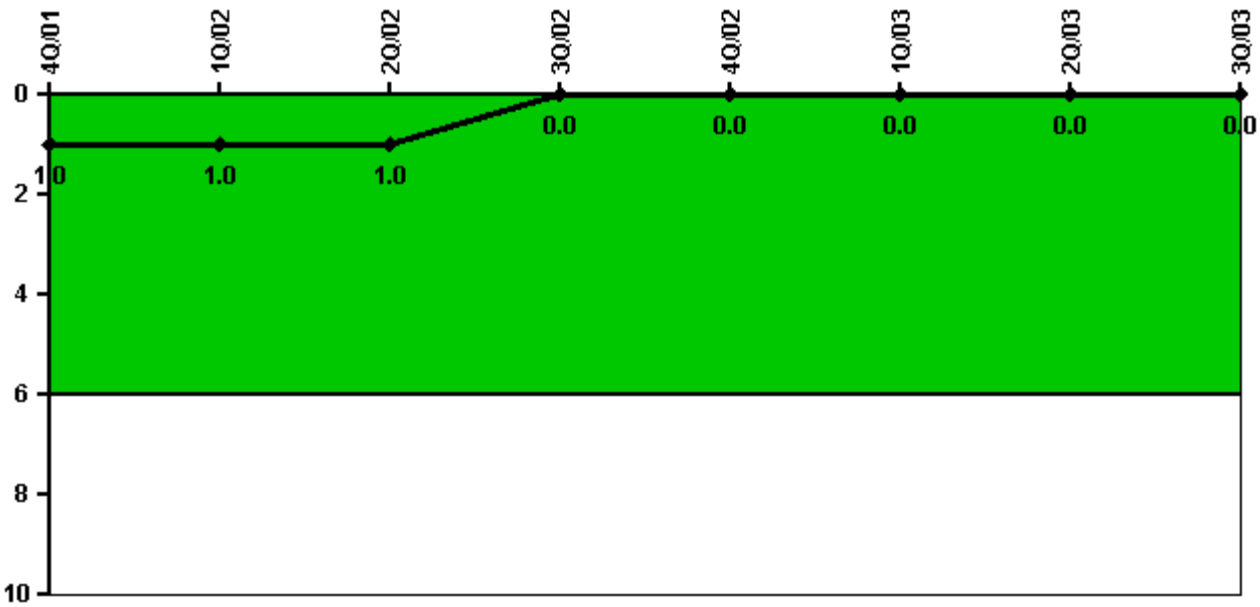
Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 12.35 | 20.73 | 1.40 | 0 | 80.18 | 15.00 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 5.80 | 0.87 | 0 | 108.33 | 66.13 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2121.67 | 2160.00 | 2183.00 | 1725.85 | 2142.02 | 2160.00 | 2183.00 | 2076.78 |
| | | | | | | | | |
| Indicator value | 0.5% | 0.3% | 0.3% | 0.3% | 0.6% | 0.8% | 0.7% | 0.7% |

Licensee Comments:

3Q/03: train 2 hrs required due to SCRAM

Safety System Functional Failures (BWR)



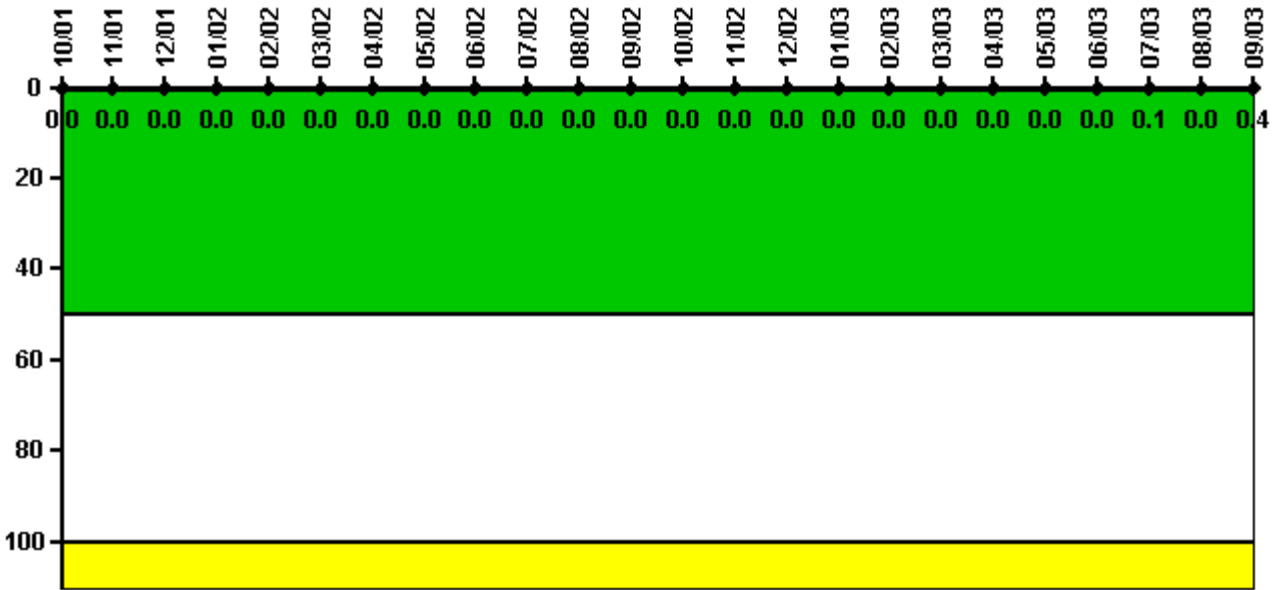
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

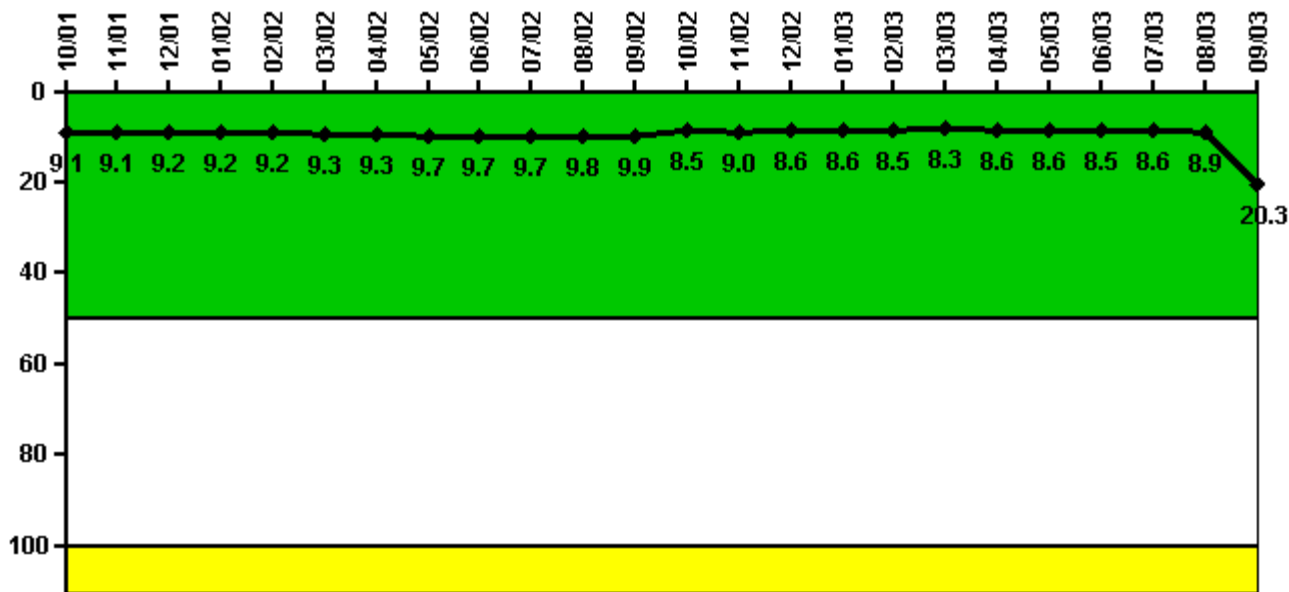
Notes

| Reactor Coolant System Activity | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 | 7/02 | 8/02 | 9/02 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000002 | 0.000004 | 0.000005 | 0.000013 | 0.000002 | 0.000002 | 0.000002 | 0.000002 | 0.000004 | 0.000005 | 0.000005 | 0.000001 |
| 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 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 | 7/03 | 8/03 | 9/03 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000013 | 0.000005 | 0.000006 | 0.000008 | 0.000003 | 0.000005 | 0.000002 | 0.000008 | 0.000009 | 0.000236 | 0.000024 | 0.000728 |
| 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 | 0.1 | 0 | 0.4 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

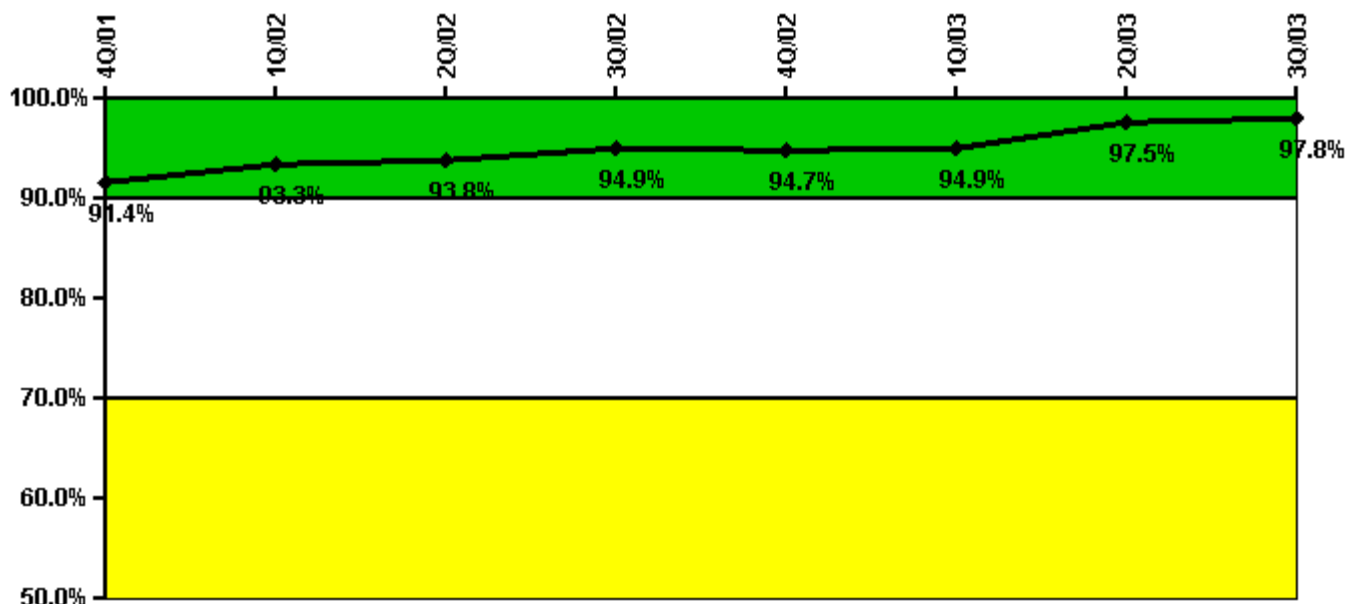
| Reactor Coolant System Leakage | 10/01 | 11/01 | 12/01 | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 | 7/02 | 8/02 | 9/02 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.270 | 2.270 | 2.290 | 2.290 | 2.290 | 2.320 | 2.330 | 2.420 | 2.420 | 2.420 | 2.440 | 2.470 |
| 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 | 9.1 | 9.1 | 9.2 | 9.2 | 9.2 | 9.3 | 9.3 | 9.7 | 9.7 | 9.7 | 9.8 | 9.9 |

| Reactor Coolant System Leakage | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 | 7/03 | 8/03 | 9/03 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.130 | 2.250 | 2.140 | 2.140 | 2.130 | 2.080 | 2.140 | 2.140 | 2.130 | 2.140 | 2.230 | 5.070 |
| 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 | 8.5 | 9.0 | 8.6 | 8.6 | 8.5 | 8.3 | 8.6 | 8.6 | 8.5 | 8.6 | 8.9 | 20.3 |

Licensee Comments:

9/03: The reported RCS leakage for the month of September 2003 is 5.07 gpm due to scram (Group I, II and II Isolations) on 09/15/03. Maximum recorded RCS leakage before and after this transient was 2.28 gpm.

Drill/Exercise Performance



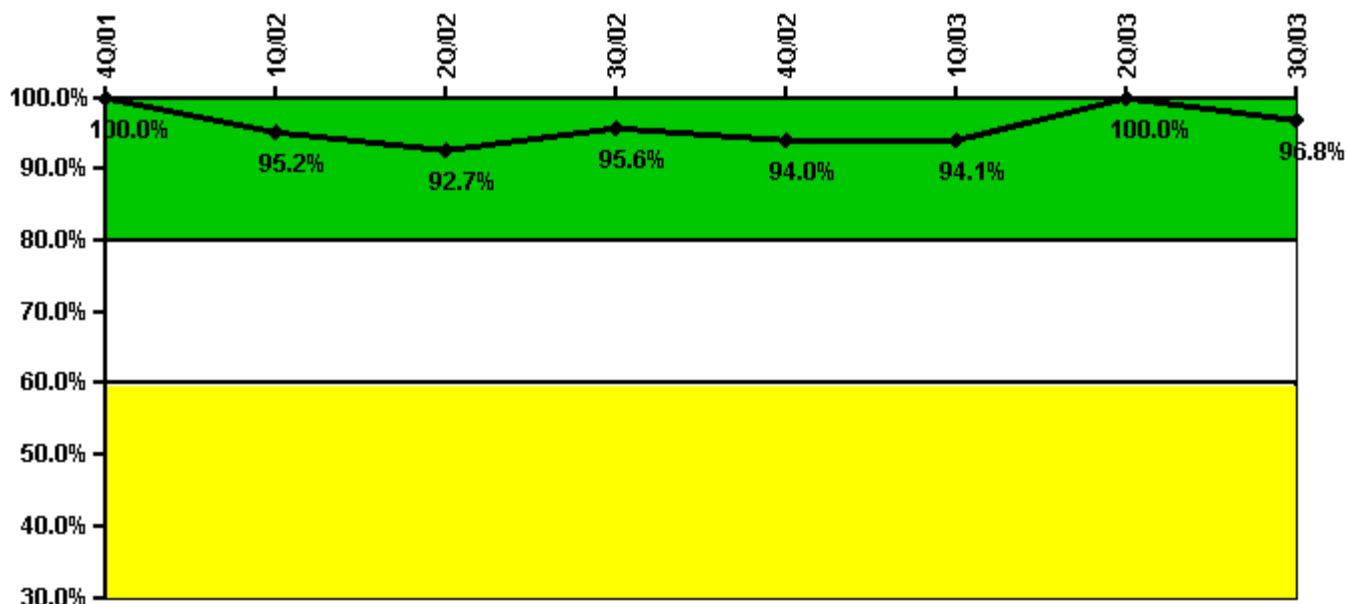
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 6.0 | 34.0 | 1.0 | 23.0 | 15.0 | 18.0 | 57.0 | 20.0 |
| Total opportunities | 6.0 | 34.0 | 2.0 | 24.0 | 16.0 | 18.0 | 58.0 | 20.0 |
| | | | | | | | | |
| Indicator value | 91.4% | 93.3% | 93.8% | 94.9% | 94.7% | 94.9% | 97.5% | 97.8% |

Licensee Comments: none

ERO Drill Participation



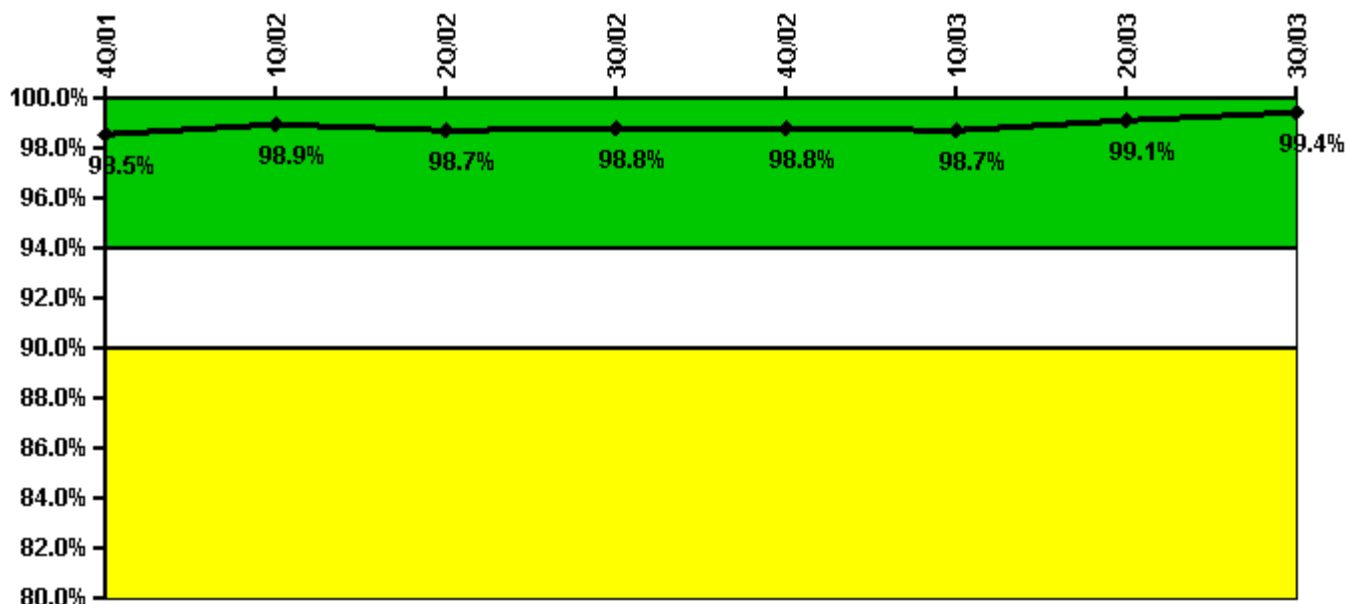
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|-----------------------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|
| Participating Key personnel | 42.0 | 40.0 | 38.0 | 43.0 | 47.0 | 48.0 | 53.0 | 60.0 |
| Total Key personnel | 42.0 | 42.0 | 41.0 | 45.0 | 50.0 | 51.0 | 53.0 | 62.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 95.2% | 92.7% | 95.6% | 94.0% | 94.1% | 100.0% | 96.8% |

Licensee Comments: none

Alert & Notification System



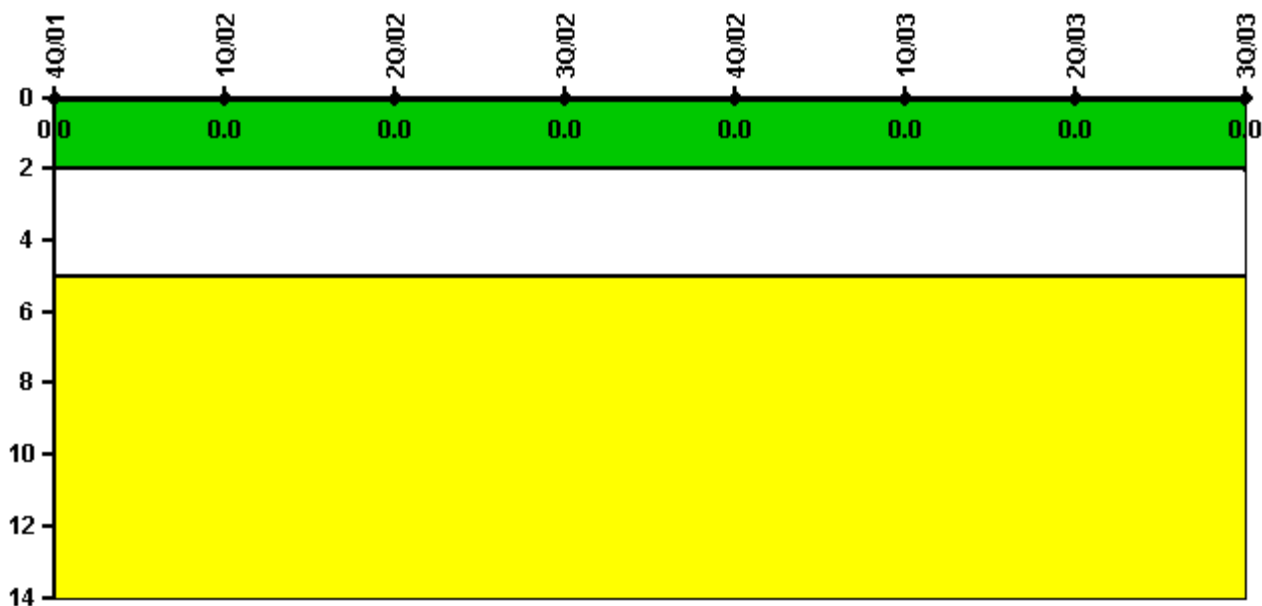
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1254 | 1256 | 1233 | 1241 | 1254 | 1251 | 1254 | 1254 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 98.5% | 98.9% | 98.7% | 98.8% | 98.8% | 98.7% | 99.1% | 99.4% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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



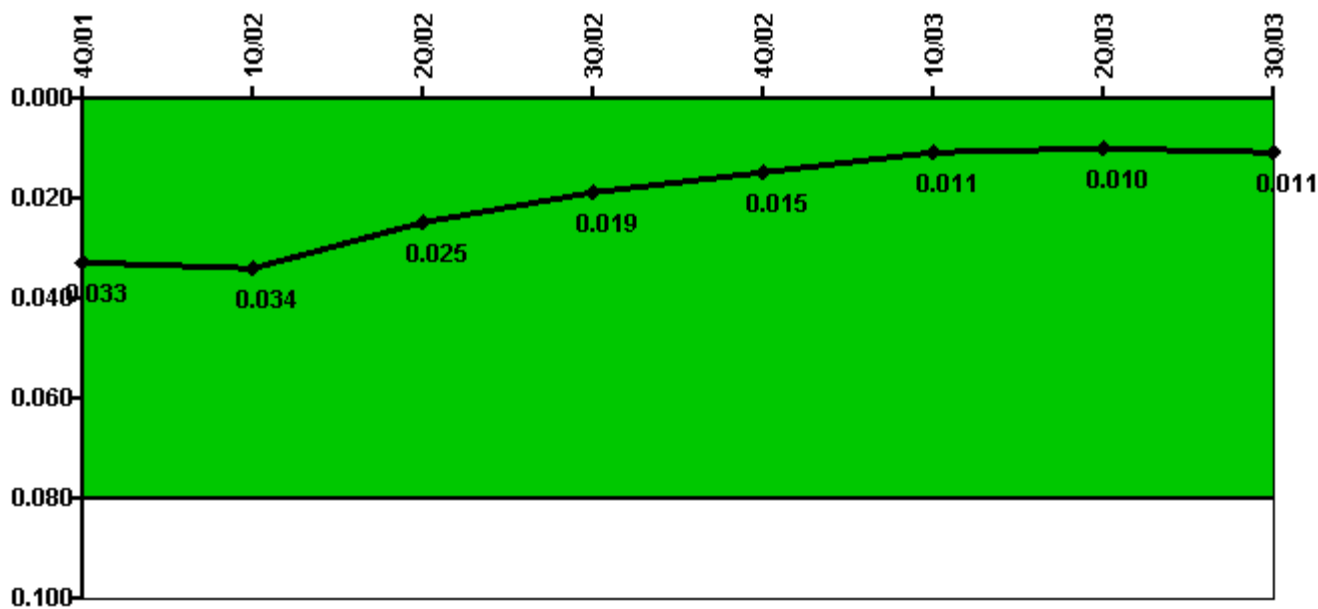
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



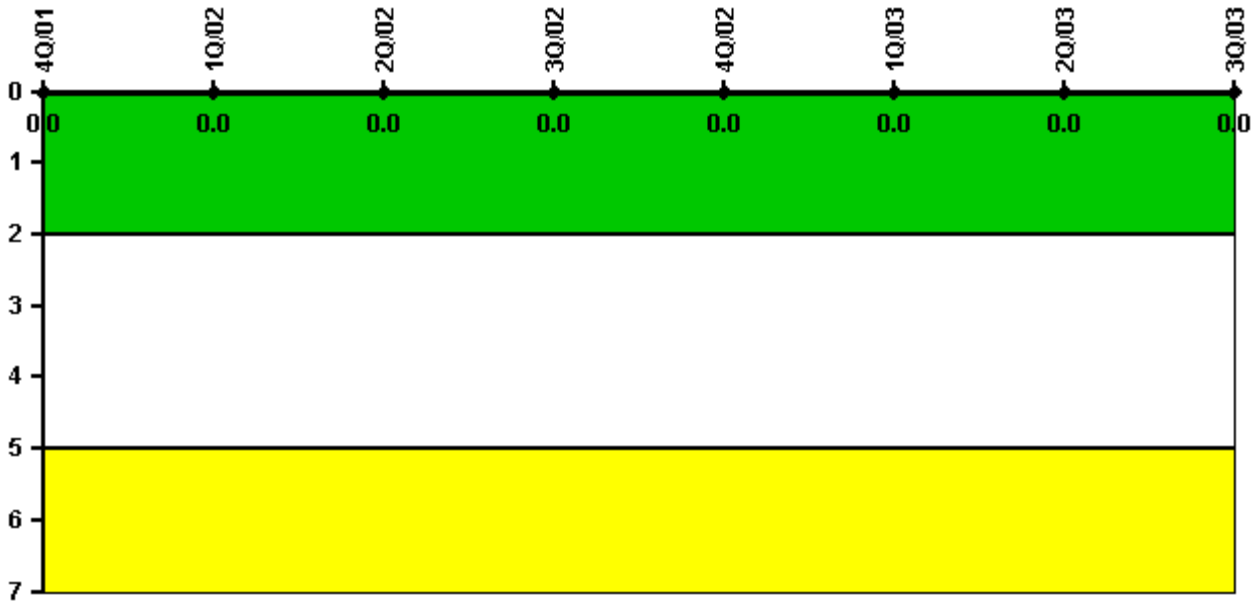
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 153.20 | 179.80 | 130.60 | 67.20 | 55.30 | 60.50 | 75.60 | 123.70 |
| CCTV compensatory hours | 20.6 | 19.5 | 0.6 | 22.1 | 0 | 2.5 | 20.7 | 11.1 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | | | |
| Index Value | 0.033 | 0.034 | 0.025 | 0.019 | 0.015 | 0.011 | 0.010 | 0.011 |

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 4Q/01 | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

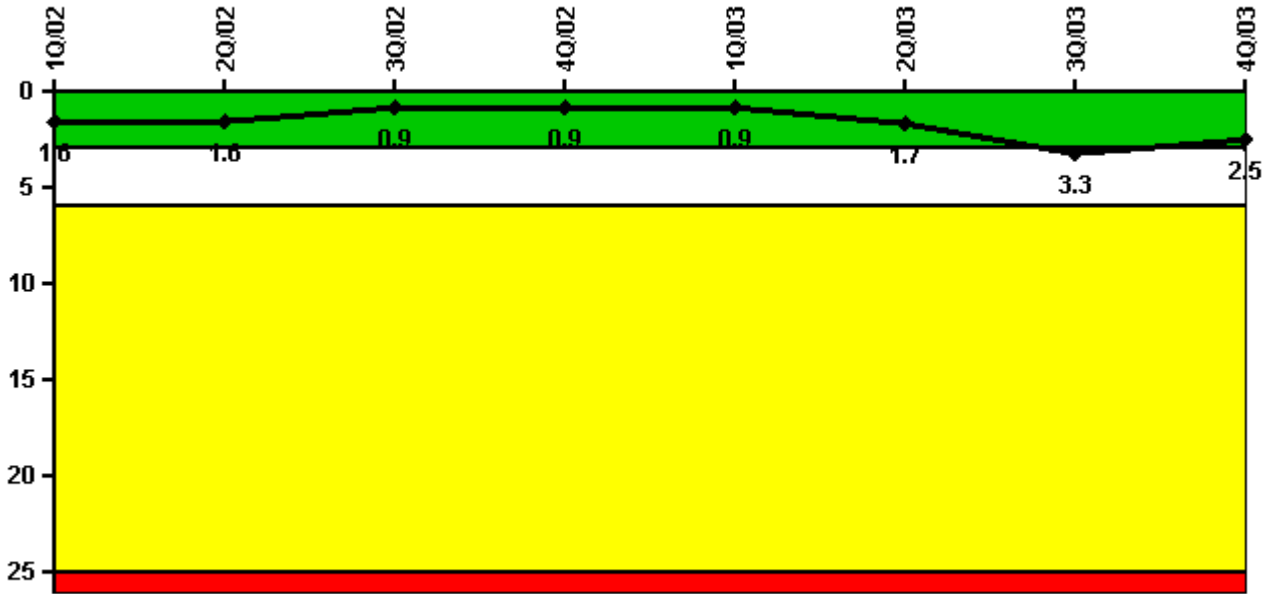
Last Modified: October 22, 2003

Peach Bottom 2

4Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



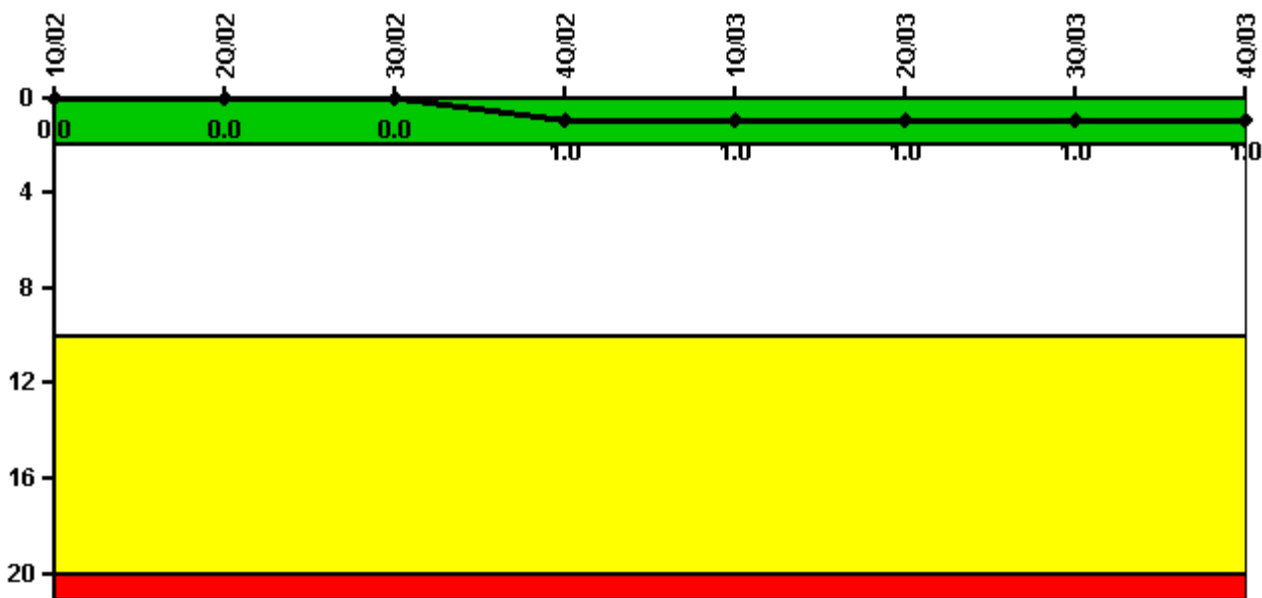
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 0 | 0 | 1.0 | 0 | 1.0 | 2.0 | 0 |
| Critical hours | 2160.0 | 2183.0 | 1719.1 | 2119.9 | 2160.0 | 2154.8 | 1977.1 | 2209.0 |
| | | | | | | | | |
| Indicator value | 1.6 | 1.6 | 0.9 | 0.9 | 0.9 | 1.7 | 3.3 | 2.5 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



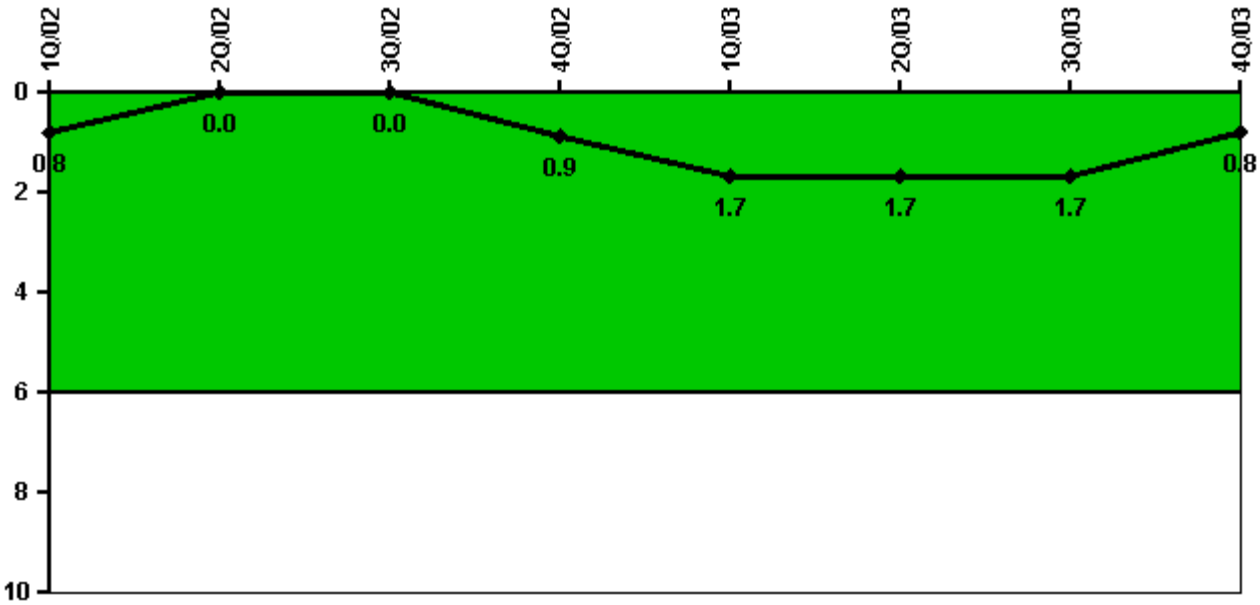
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



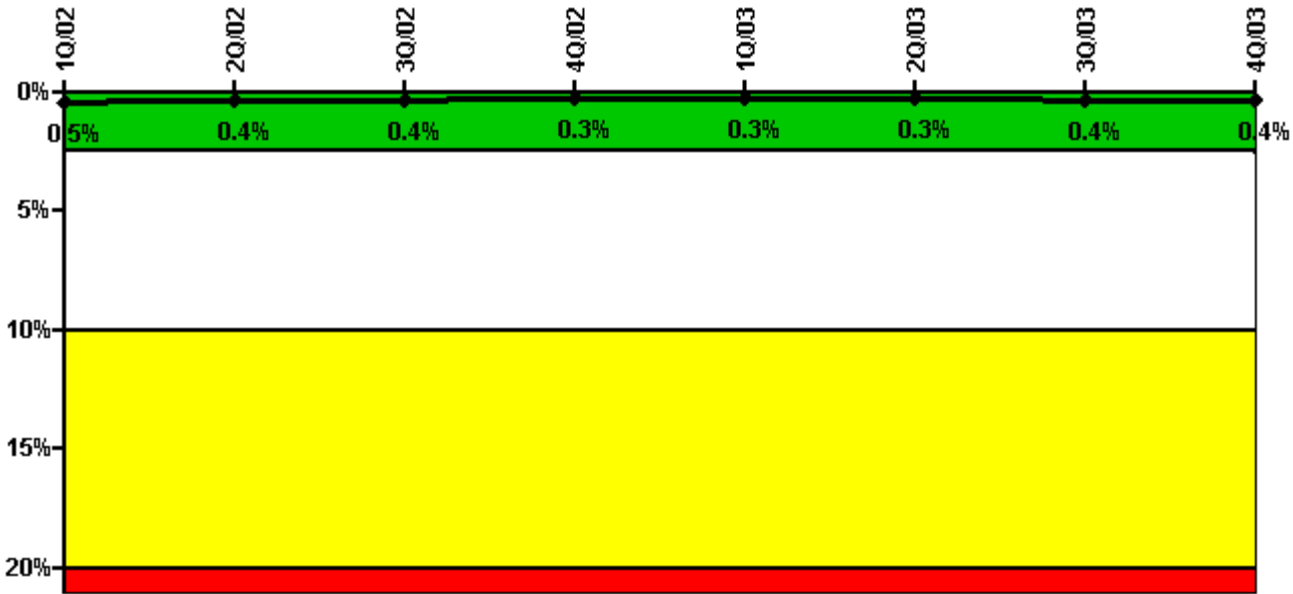
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---|------------|----------|----------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2160.0 | 2183.0 | 1719.1 | 2119.9 | 2160.0 | 2154.8 | 1977.1 | 2209.0 |
| | | | | | | | | |
| Indicator value | 0.8 | 0 | 0 | 0.9 | 1.7 | 1.7 | 1.7 | 0.8 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

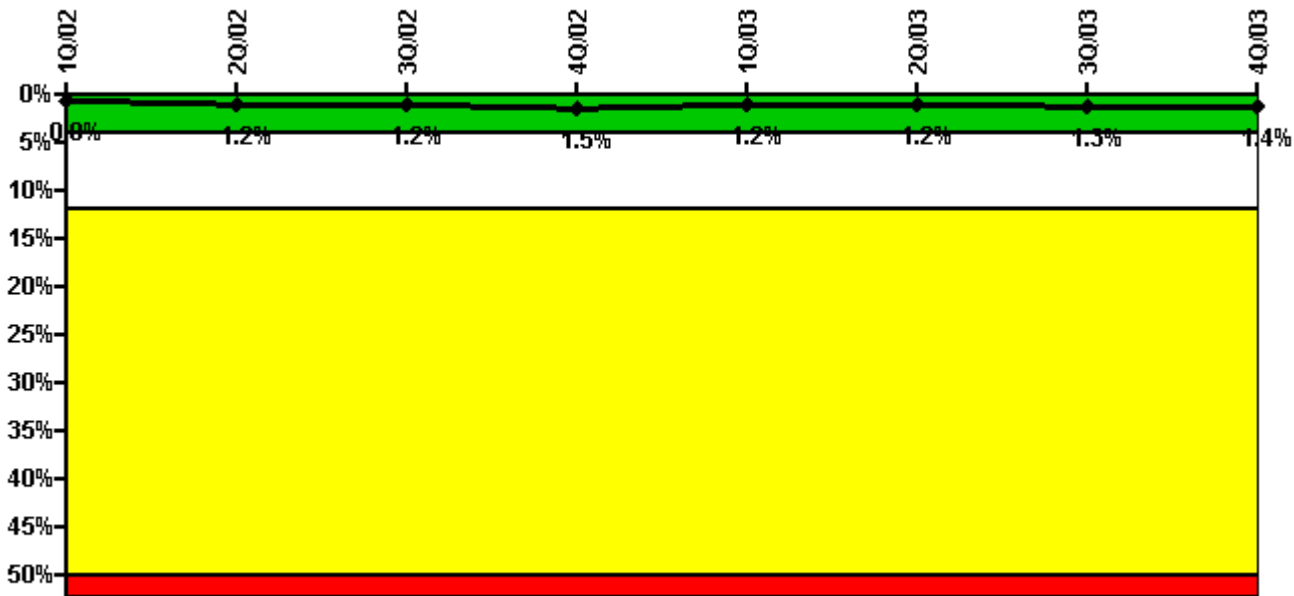
Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 1.00 | 0.50 | 5.50 | 0 | 0 | 12.75 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 11.25 | 26.75 | 0 | 0 | 0 | 0.50 | 13.50 | 17.00 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 15.00 | 0 | 26.00 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2076.00 | 2209.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 0.50 | 0.50 | 0 | 1.00 | 6.75 | 0 | 11.50 |
| Unplanned unavailable hours | 0 | 20.00 | 0 | 1.50 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 1.00 | 0 | 13.00 | 7.25 |
| Unplanned unavailable hours | 7.00 | 0 | 0 | 0 | 0 | 0 | 0 | 20.50 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2076.00 | 2209.00 |

| | | | | | | | | |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | | | | |
| Indicator value | 0.5% | 0.4% | 0.4% | 0.3% | 0.3% | 0.3% | 0.4% | 0.4% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



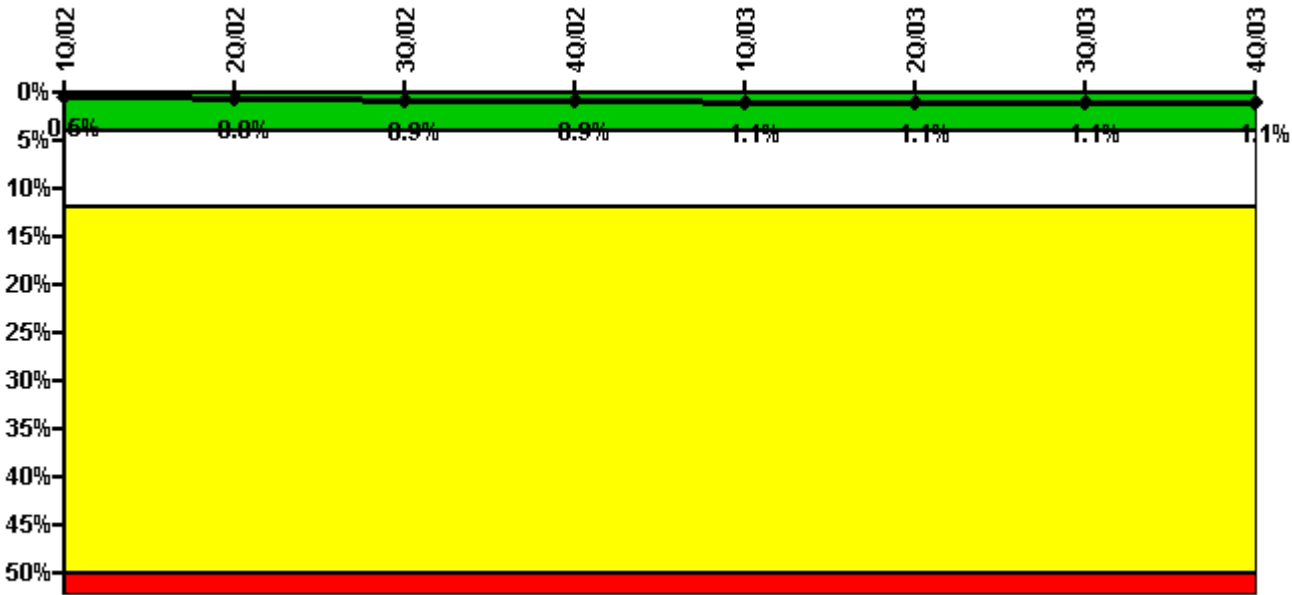
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 7.78 | 122.45 | 0 | 109.45 | 6.93 | 23.45 | 11.23 | 41.12 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 1719.08 | 2119.85 | 2160.00 | 2154.80 | 1977.09 | 2209.00 |
| | | | | | | | | |
| Indicator value | 0.8% | 1.2% | 1.2% | 1.5% | 1.2% | 1.2% | 1.3% | 1.4% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



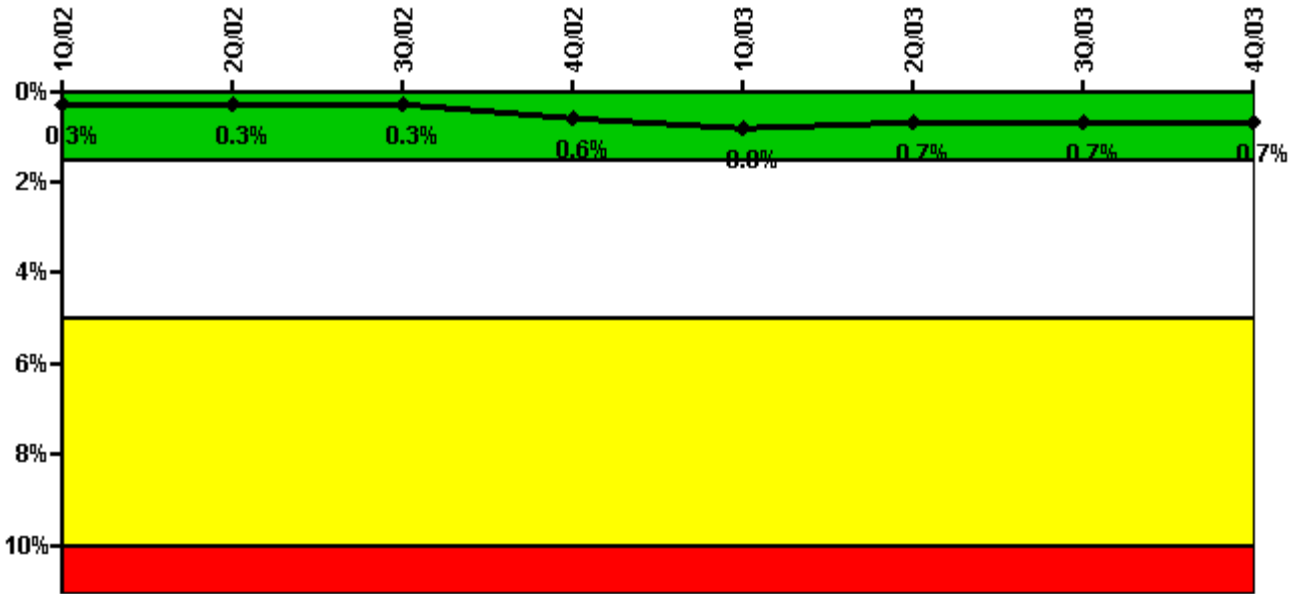
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 12.14 | 59.33 | 33.88 | 1.40 | 62.72 | 0.95 | 5.53 | 5.10 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 1719.08 | 2119.85 | 2160.00 | 2154.80 | 1977.09 | 2209.00 |
| | | | | | | | | |
| Indicator value | 0.5% | 0.8% | 0.9% | 0.9% | 1.1% | 1.1% | 1.1% | 1.1% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



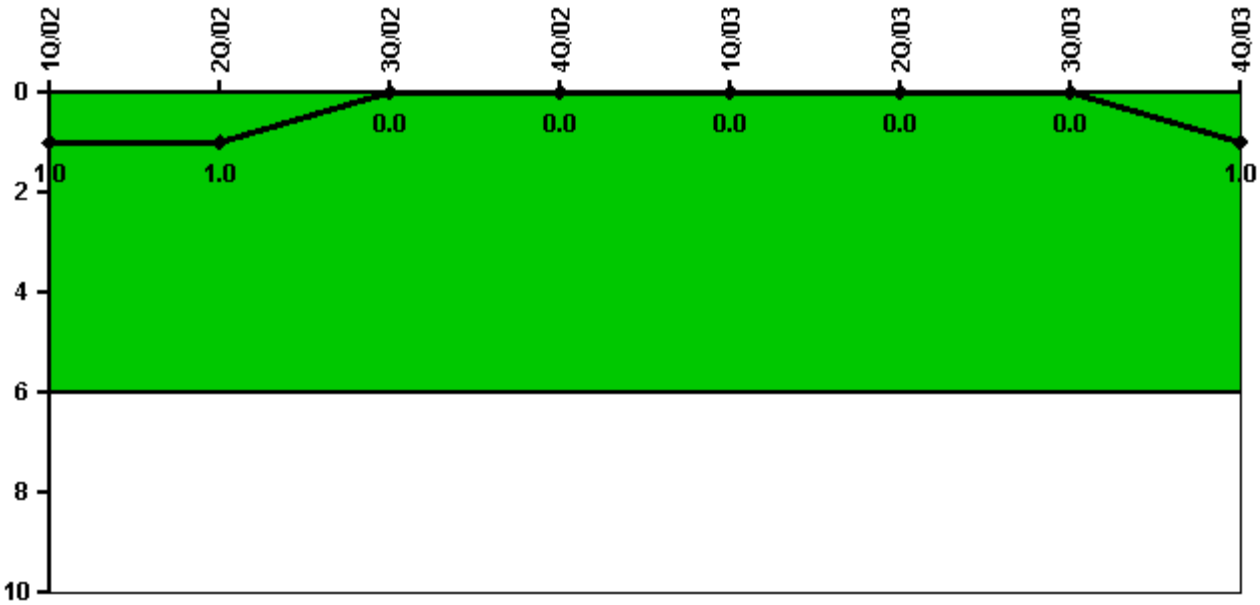
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 20.73 | 1.40 | 0 | 80.18 | 15.00 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 5.80 | 0.87 | 0 | 108.33 | 66.13 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 1725.85 | 2142.02 | 2160.00 | 2183.00 | 2076.78 | 2209.00 |
| | | | | | | | | |
| Indicator value | 0.3% | 0.3% | 0.3% | 0.6% | 0.8% | 0.7% | 0.7% | 0.7% |

Licensee Comments: none

Safety System Functional Failures (BWR)



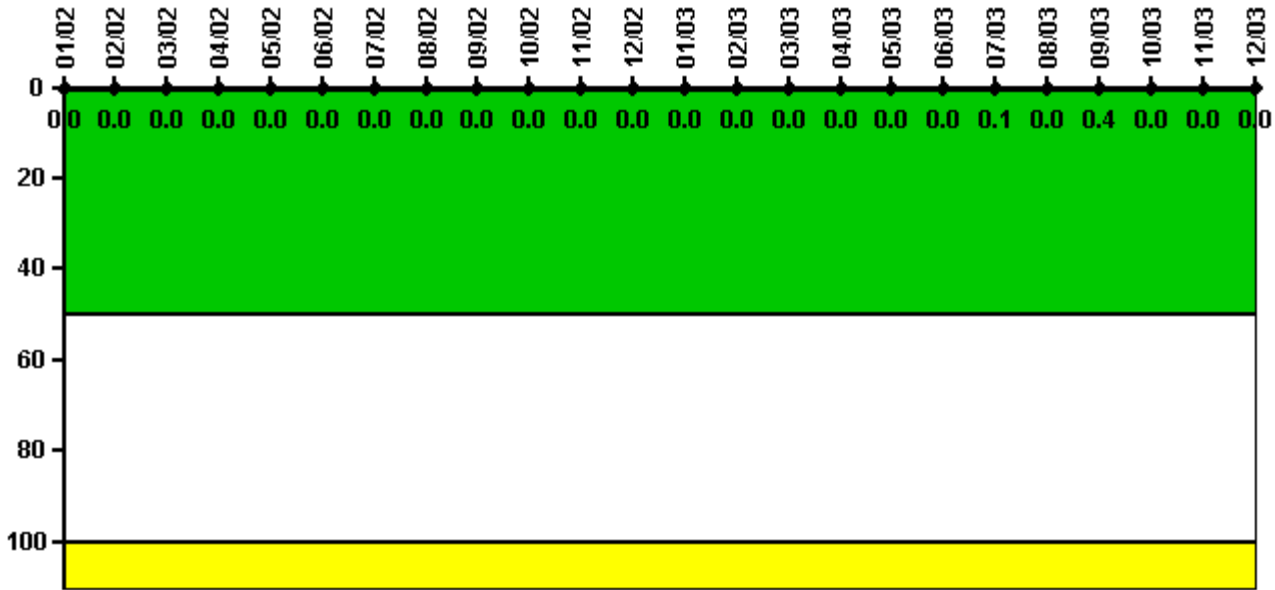
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Indicator value | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000013 | 0.000002 | 0.000002 | 0.000002 | 0.000002 | 0.000004 | 0.000005 | 0.000005 | 0.000001 | 0.000013 | 0.000005 | 0.000006 |
| 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 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000008 | 0.000003 | 0.000005 | 0.000002 | 0.000008 | 0.000009 | 0.000236 | 0.000024 | 0.000728 | 0.000021 | 0.000026 | 0.000015 |
| 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 | 0.1 | 0 | 0.4 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

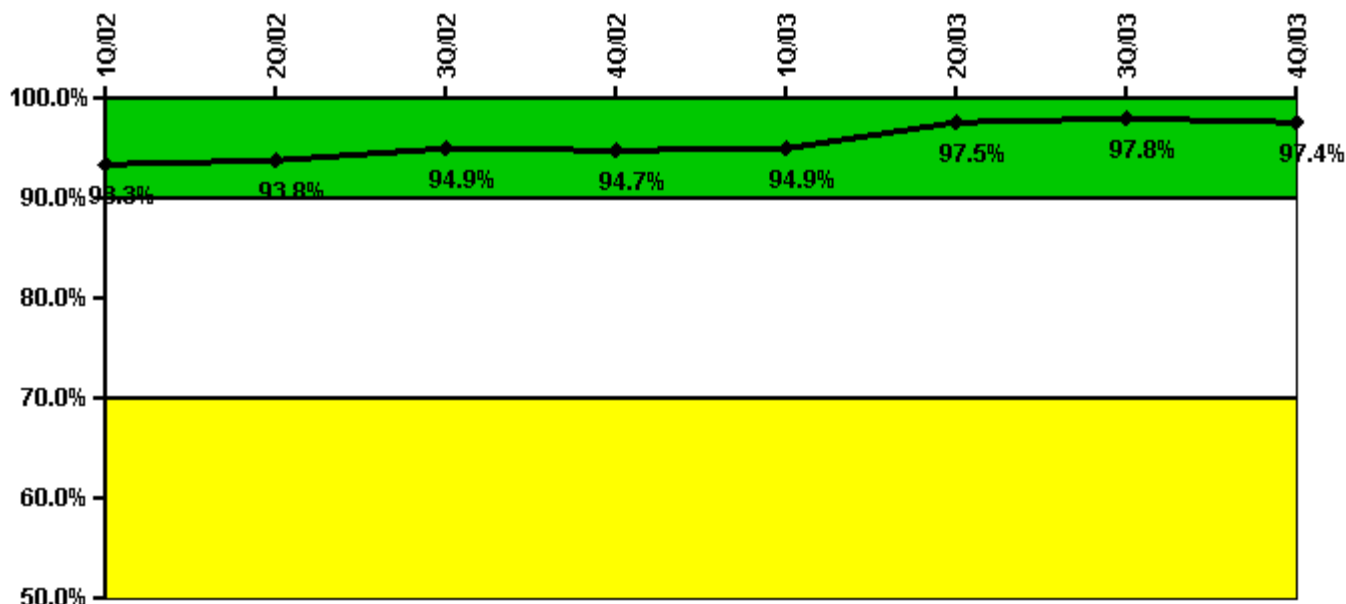
Notes

| Reactor Coolant System Leakage | 1/02 | 2/02 | 3/02 | 4/02 | 5/02 | 6/02 | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.290 | 2.290 | 2.320 | 2.330 | 2.420 | 2.420 | 2.420 | 2.440 | 2.470 | 2.130 | 2.250 | 2.140 |
| 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 | 9.2 | 9.2 | 9.3 | 9.3 | 9.7 | 9.7 | 9.7 | 9.8 | 9.9 | 8.5 | 9.0 | 8.6 |

| Reactor Coolant System Leakage | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.140 | 2.130 | 2.080 | 2.140 | 2.140 | 2.130 | 2.140 | 2.230 | 5.070 | 2.290 | 2.250 | 2.250 |
| 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 | 8.6 | 8.5 | 8.3 | 8.6 | 8.6 | 8.5 | 8.6 | 8.9 | 20.3 | 9.2 | 9.0 | 9.0 |

Licensee Comments: none

Drill/Exercise Performance



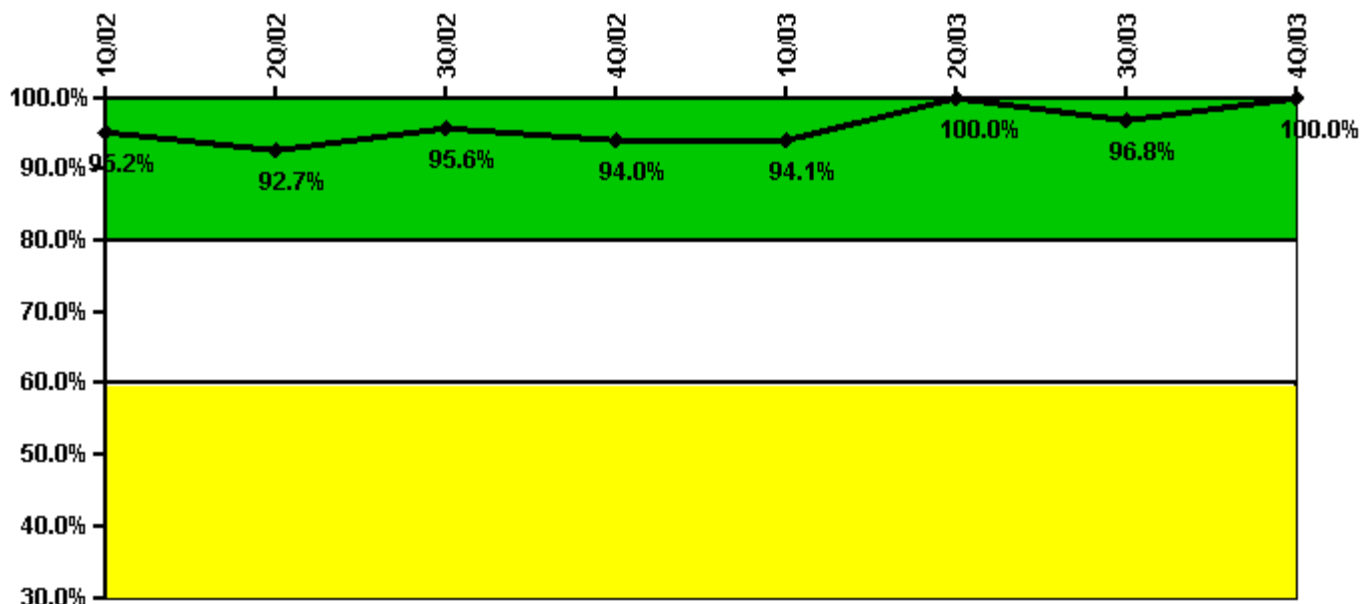
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 34.0 | 1.0 | 23.0 | 15.0 | 18.0 | 57.0 | 20.0 | 21.0 |
| Total opportunities | 34.0 | 2.0 | 24.0 | 16.0 | 18.0 | 58.0 | 20.0 | 22.0 |
| | | | | | | | | |
| Indicator value | 93.3% | 93.8% | 94.9% | 94.7% | 94.9% | 97.5% | 97.8% | 97.4% |

Licensee Comments: none

ERO Drill Participation



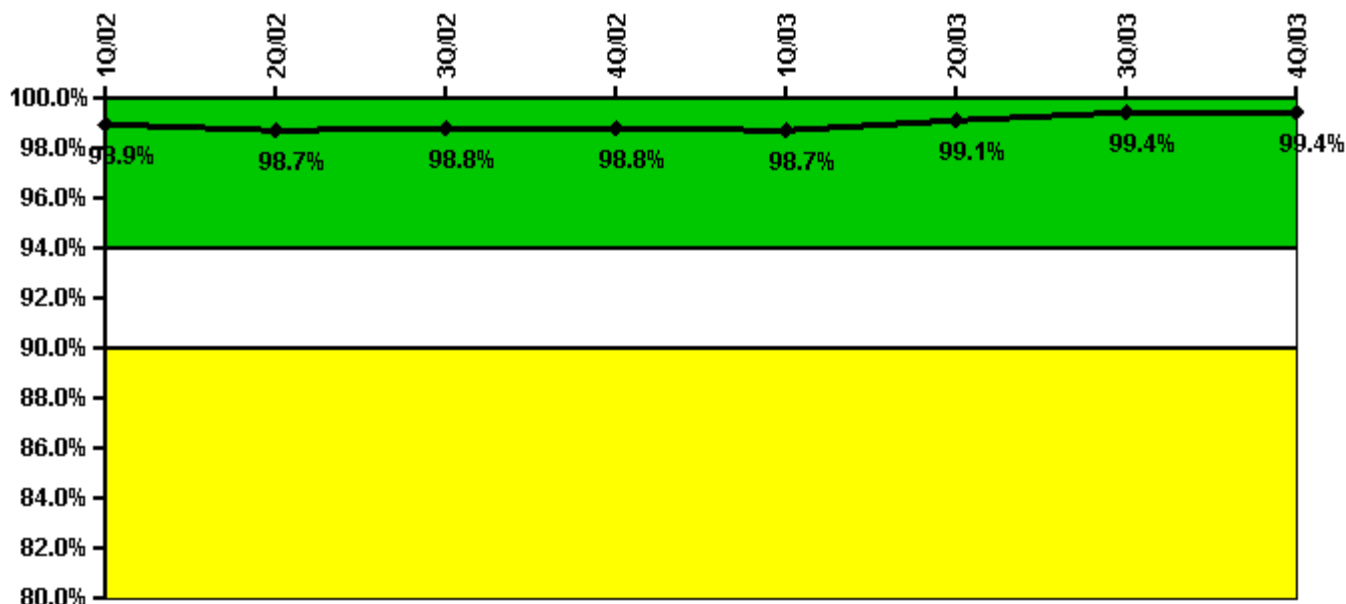
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|---------------|
| Participating Key personnel | 40.0 | 38.0 | 43.0 | 47.0 | 48.0 | 53.0 | 60.0 | 61.0 |
| Total Key personnel | 42.0 | 41.0 | 45.0 | 50.0 | 51.0 | 53.0 | 62.0 | 61.0 |
| | | | | | | | | |
| Indicator value | 95.2% | 92.7% | 95.6% | 94.0% | 94.1% | 100.0% | 96.8% | 100.0% |

Licensee Comments: none

Alert & Notification System



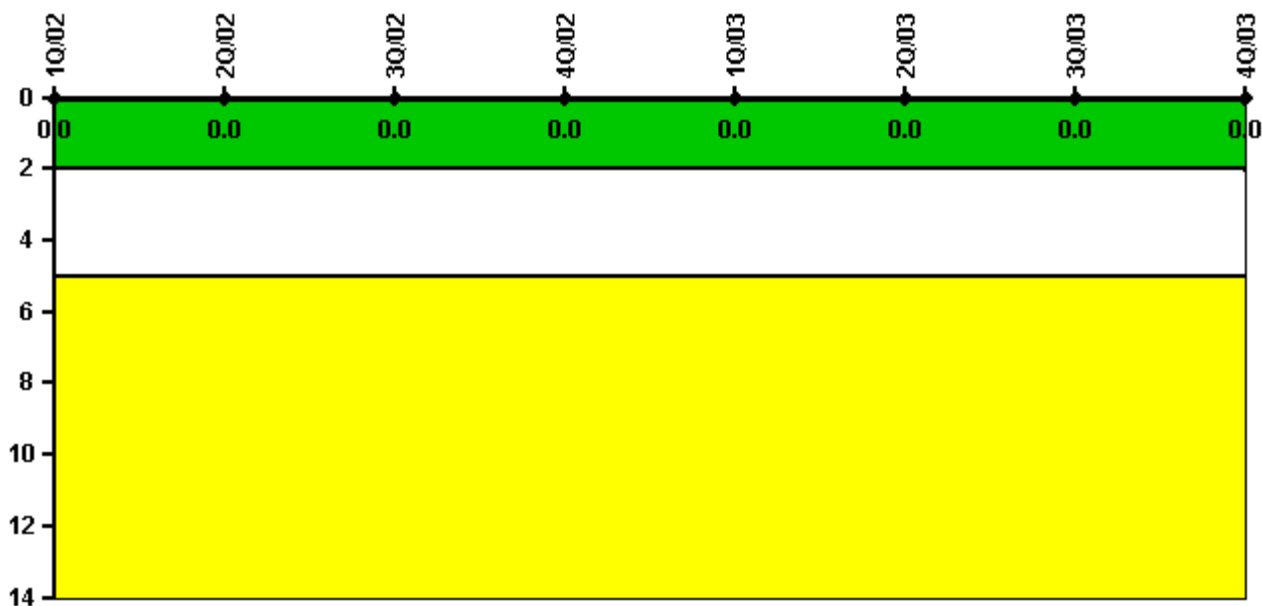
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1256 | 1233 | 1241 | 1254 | 1251 | 1254 | 1254 | 1353 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1358 |
| | | | | | | | | |
| Indicator value | 98.9% | 98.7% | 98.8% | 98.8% | 98.7% | 99.1% | 99.4% | 99.4% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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



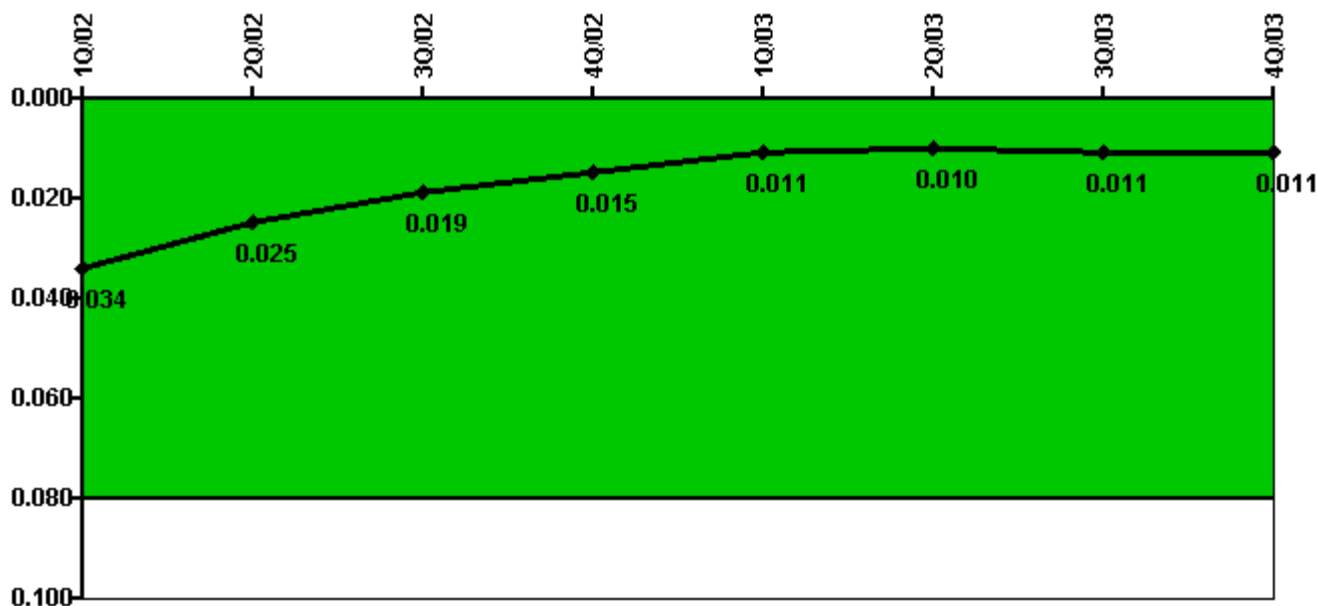
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



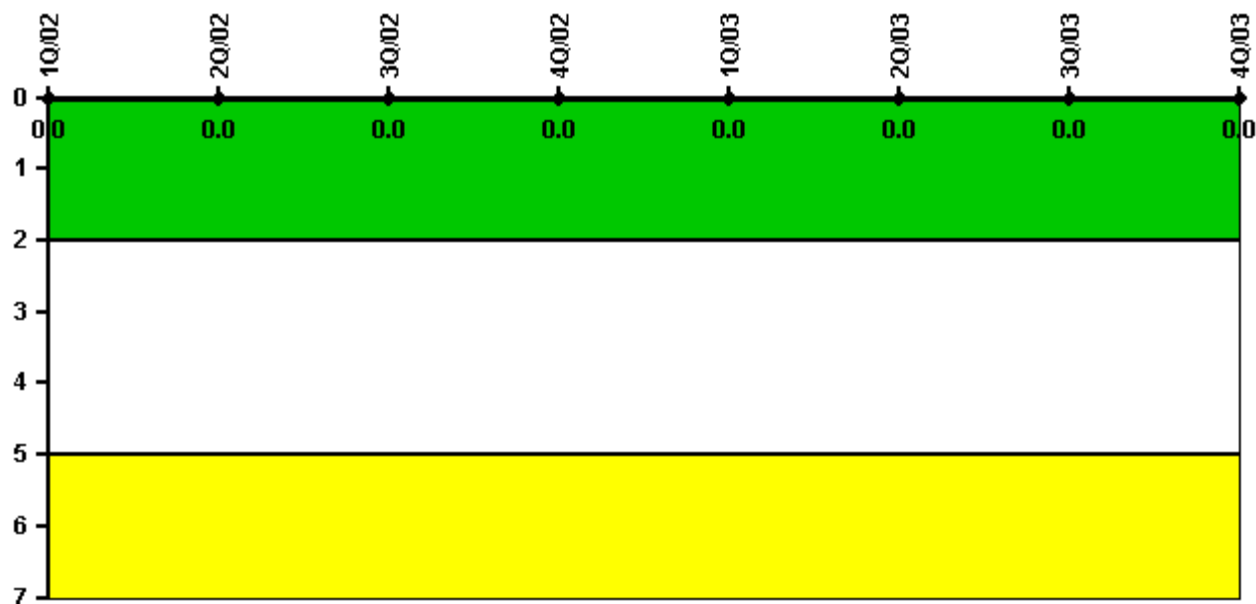
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 179.80 | 130.60 | 67.20 | 55.30 | 60.50 | 75.60 | 123.70 | 41.80 |
| CCTV compensatory hours | 19.5 | 0.6 | 22.1 | 0 | 2.5 | 20.7 | 11.1 | 0.2 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | | | |
| Index Value | 0.034 | 0.025 | 0.019 | 0.015 | 0.011 | 0.010 | 0.011 | 0.011 |

Licensee Comments: none

Personnel Screening Program



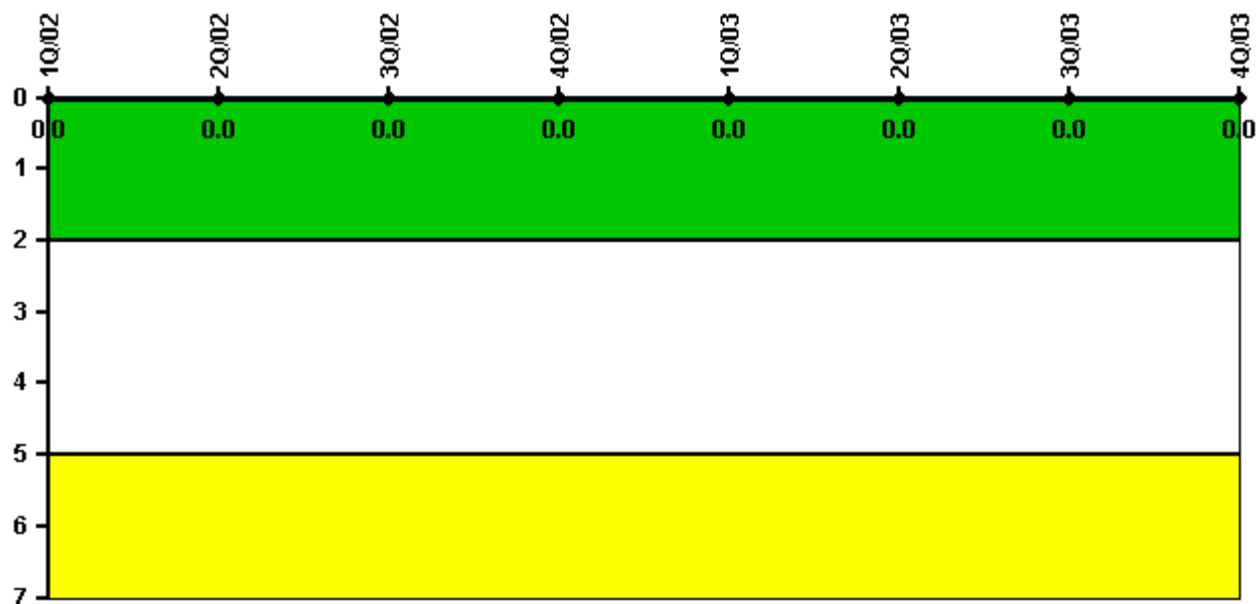
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 1Q/02 | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

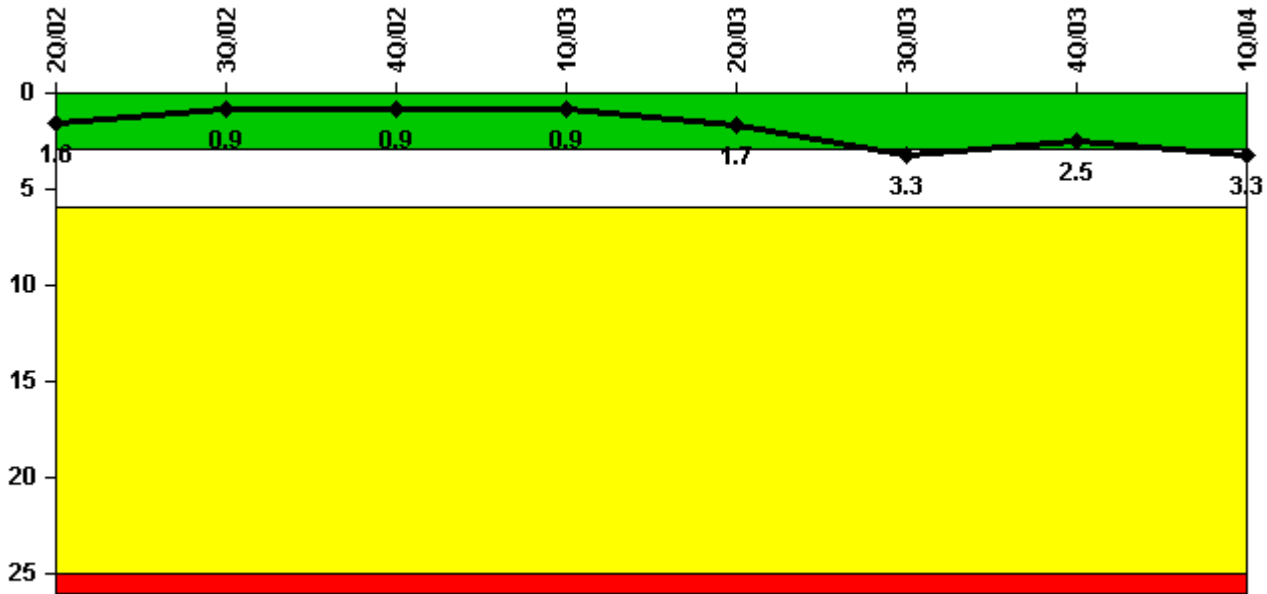
Last Modified: January 23, 2004

Peach Bottom 2

1Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

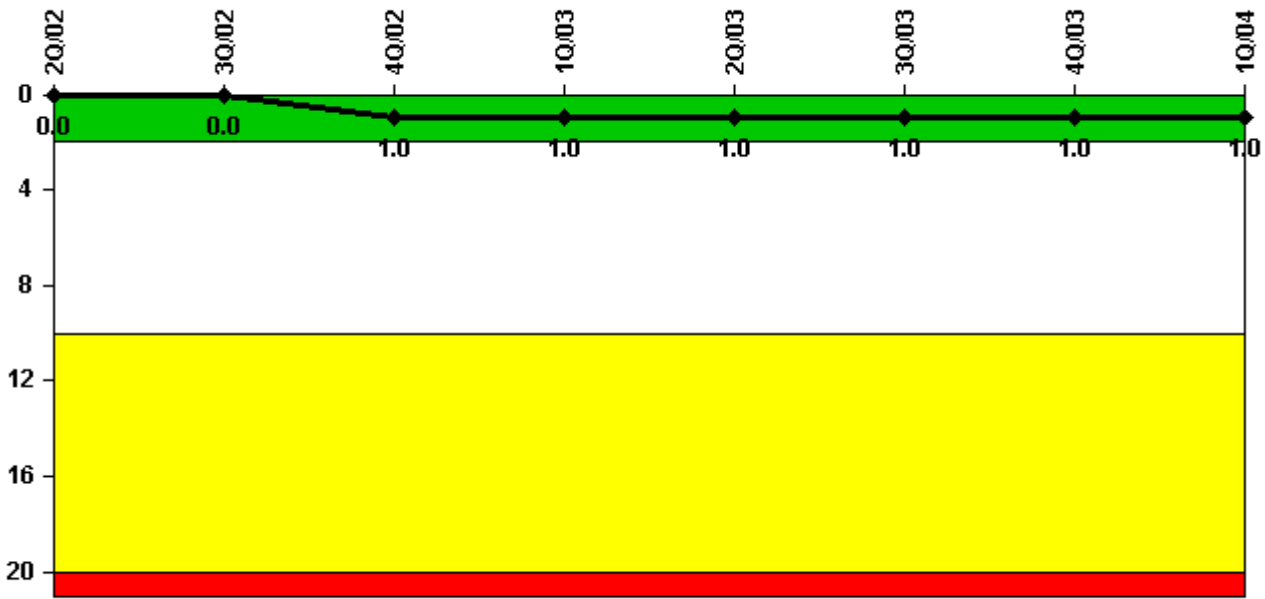
Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 0 | 1.0 | 0 | 1.0 | 2.0 | 0 | 1.0 |
| Critical hours | 2183.0 | 1719.1 | 2119.9 | 2160.0 | 2154.8 | 1977.1 | 2209.0 | 2127.1 |
| | | | | | | | | |
| Indicator value | 1.6 | 0.9 | 0.9 | 0.9 | 1.7 | 3.3 | 2.5 | 3.3 |

Licensee Comments:

1Q/04: An unplanned scram occurred on Unit 2 due to low condenser vacuum on 2/22/04.

Scrams with Loss of Normal Heat Removal



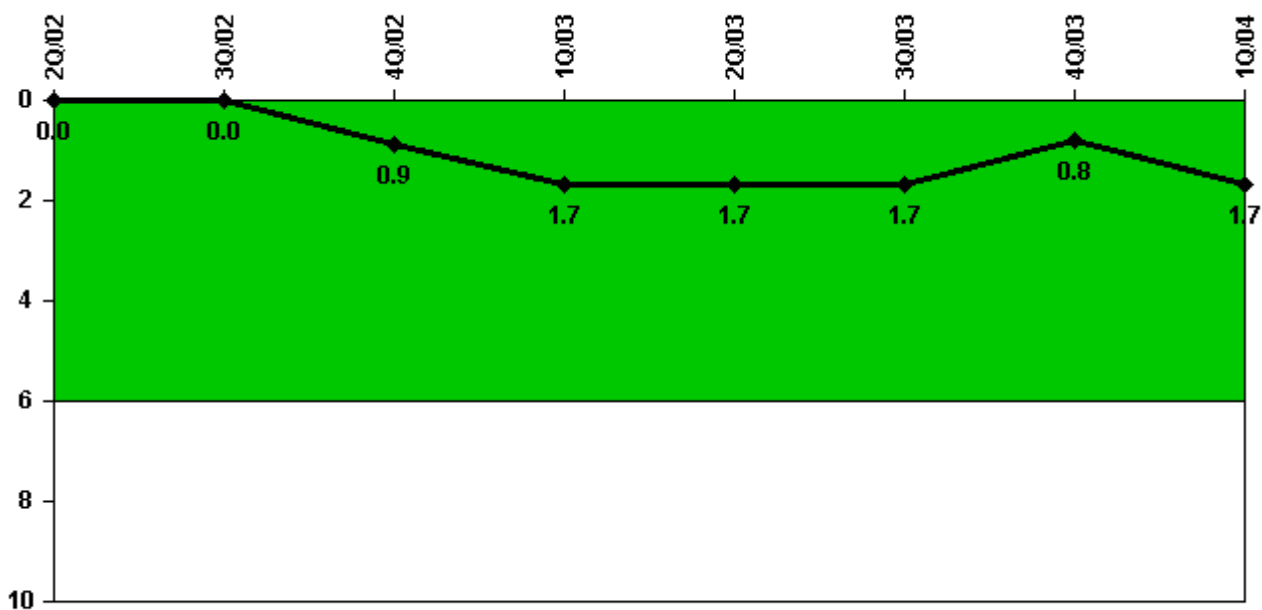
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



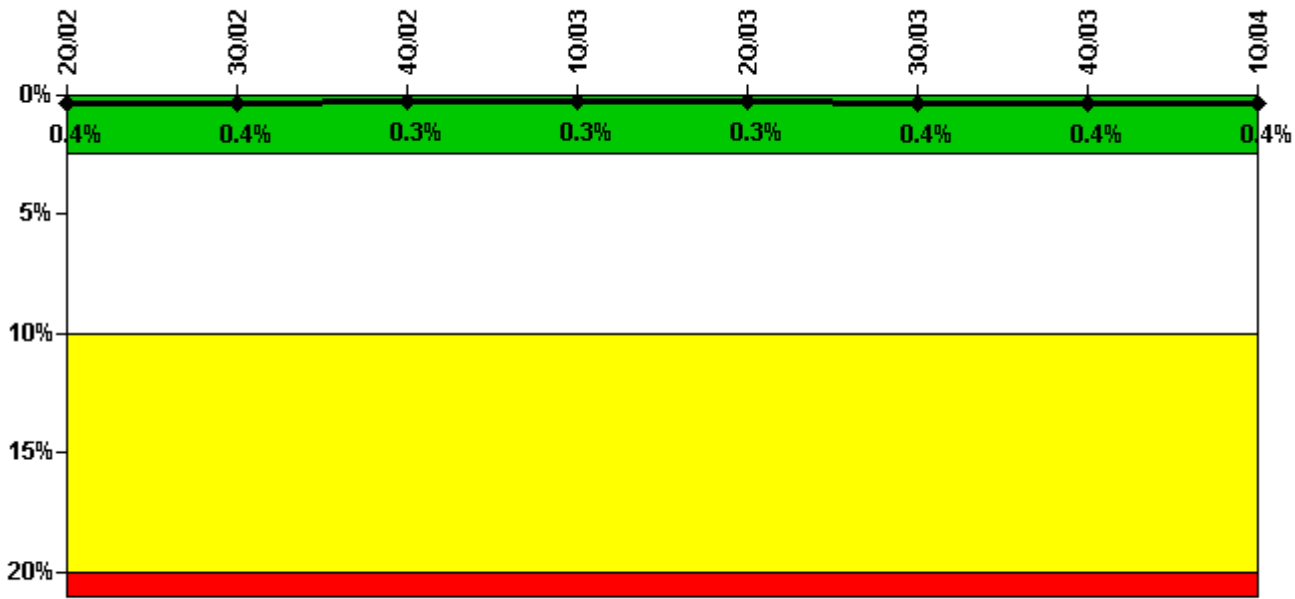
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 2.0 |
| Critical hours | 2183.0 | 1719.1 | 2119.9 | 2160.0 | 2154.8 | 1977.1 | 2209.0 | 2127.1 |
| Indicator value | 0 | 0 | 0.9 | 1.7 | 1.7 | 1.7 | 0.8 | 1.7 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



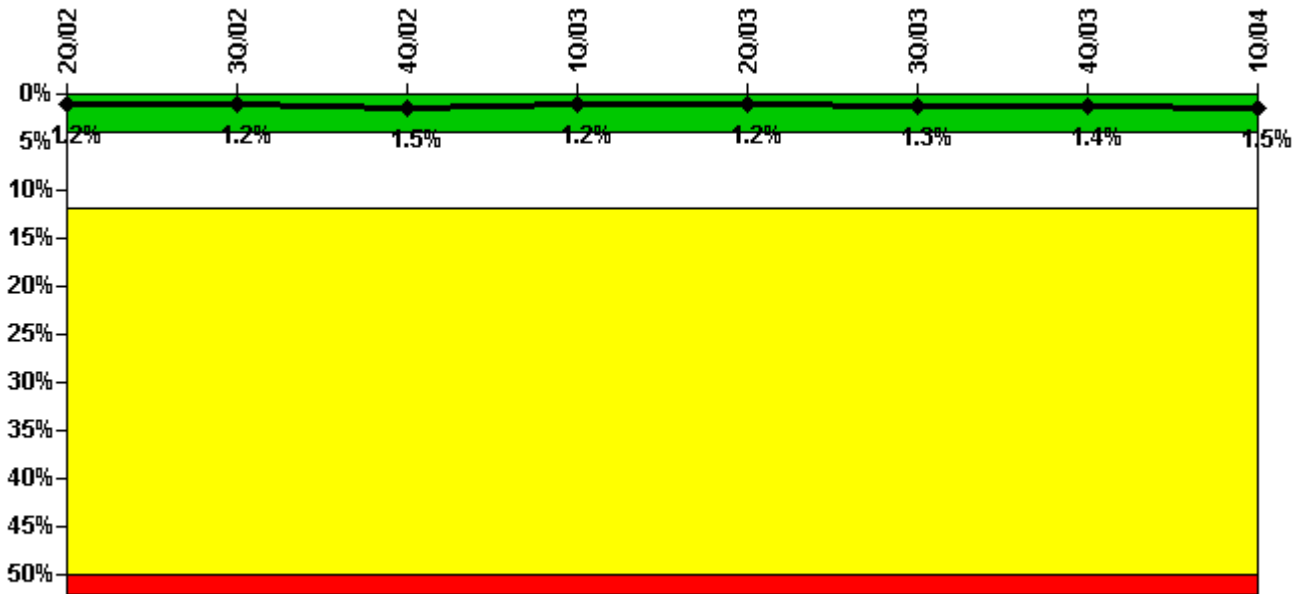
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 1.00 | 0.50 | 5.50 | 0 | 0 | 12.75 | 15.50 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 26.75 | 0 | 0 | 0 | 0.50 | 13.50 | 17.00 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 15.00 | 0 | 26.00 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2076.00 | 2209.00 | 2184.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0.50 | 0.50 | 0 | 1.00 | 6.75 | 0 | 11.50 | 0 |
| Unplanned unavailable hours | 20.00 | 0 | 1.50 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 1.00 | 0 | 13.00 | 7.25 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 20.50 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2076.00 | 2209.00 | 2184.00 |
| Indicator value | 0.4% | 0.4% | 0.3% | 0.3% | 0.3% | 0.4% | 0.4% | 0.4% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

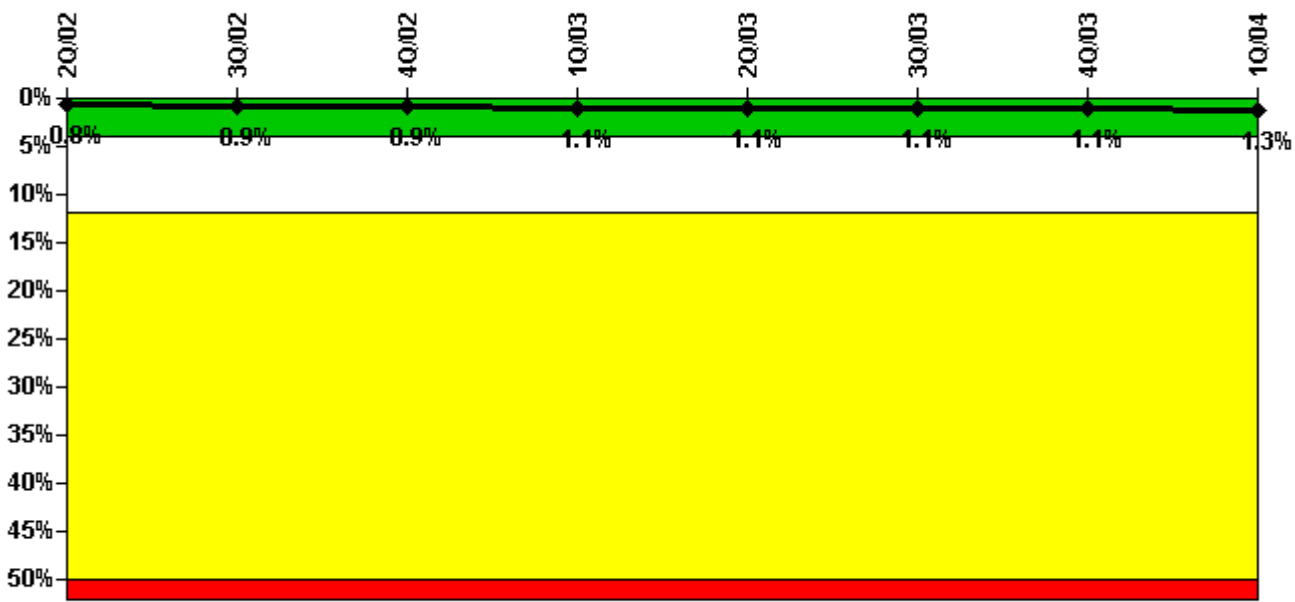
Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 122.45 | 0 | 109.45 | 6.93 | 23.45 | 11.23 | 41.12 | 4.42 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51.47 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 1719.08 | 2119.85 | 2160.00 | 2154.80 | 1977.09 | 2209.00 | 2127.07 |
| Indicator value | 1.2% | 1.2% | 1.5% | 1.2% | 1.2% | 1.3% | 1.4% | 1.5% |

Licensee Comments:

1Q/04: Unplanned unavailability accrued due to failure of torus suction valve (MO-2-23-058) to fully open.

Safety System Unavailability, Heat Removal System (RCIC)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 59.33 | 33.88 | 1.40 | 62.72 | 0.95 | 5.53 | 5.10 | 74.60 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 1719.08 | 2119.85 | 2160.00 | 2154.80 | 1977.09 | 2209.00 | 2127.07 |
| Indicator value | 0.8% | 0.9% | 0.9% | 1.1% | 1.1% | 1.1% | 1.1% | 1.3% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



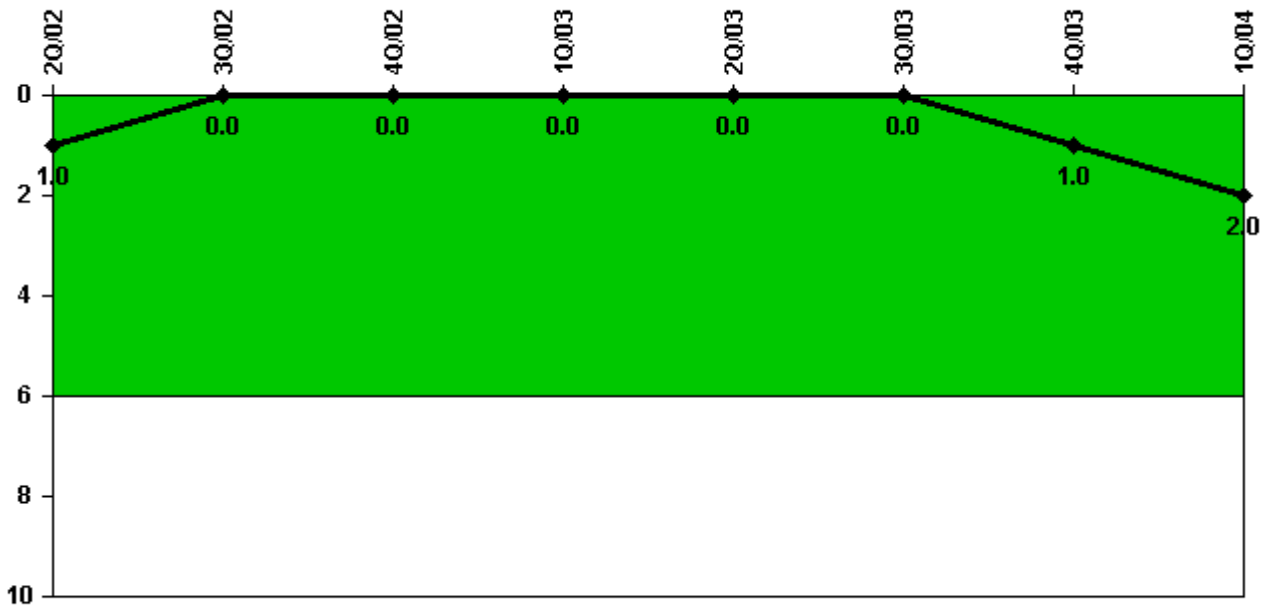
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 1.40 | 0 | 80.18 | 15.00 | 0 | 0 | 0 | 30.32 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0.87 | 0 | 108.33 | 66.13 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 1725.85 | 2142.02 | 2160.00 | 2183.00 | 2076.78 | 2209.00 | 2184.00 |
| Indicator value | 0.3% | 0.3% | 0.6% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% |

Licensee Comments: none

Safety System Functional Failures (BWR)



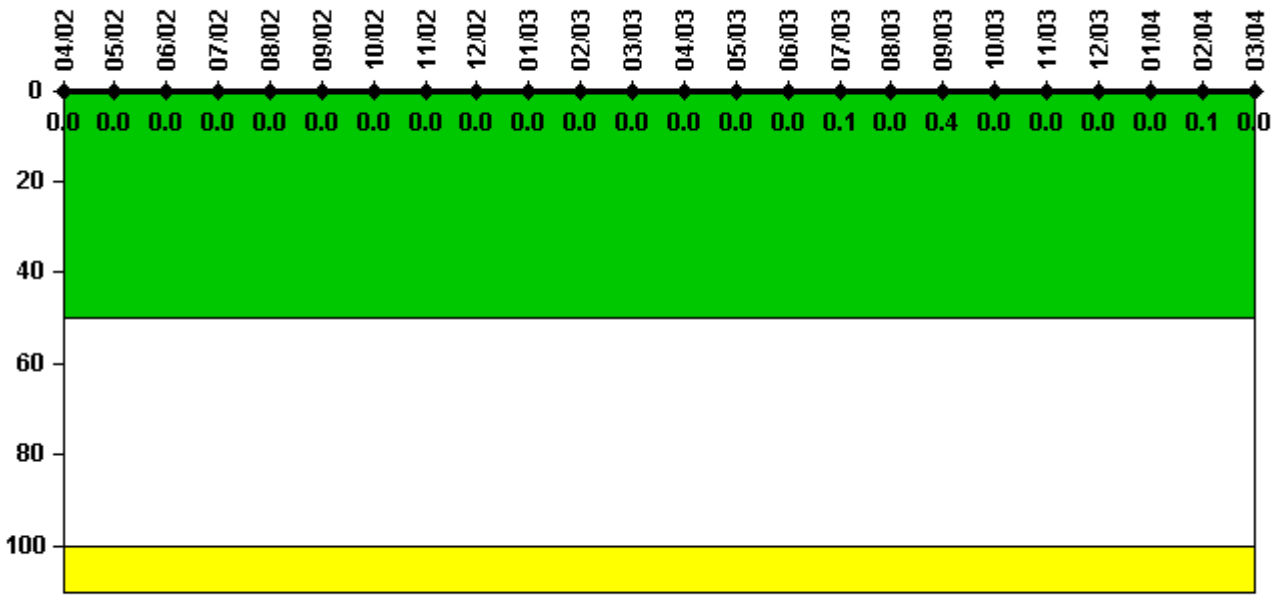
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Indicator value | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

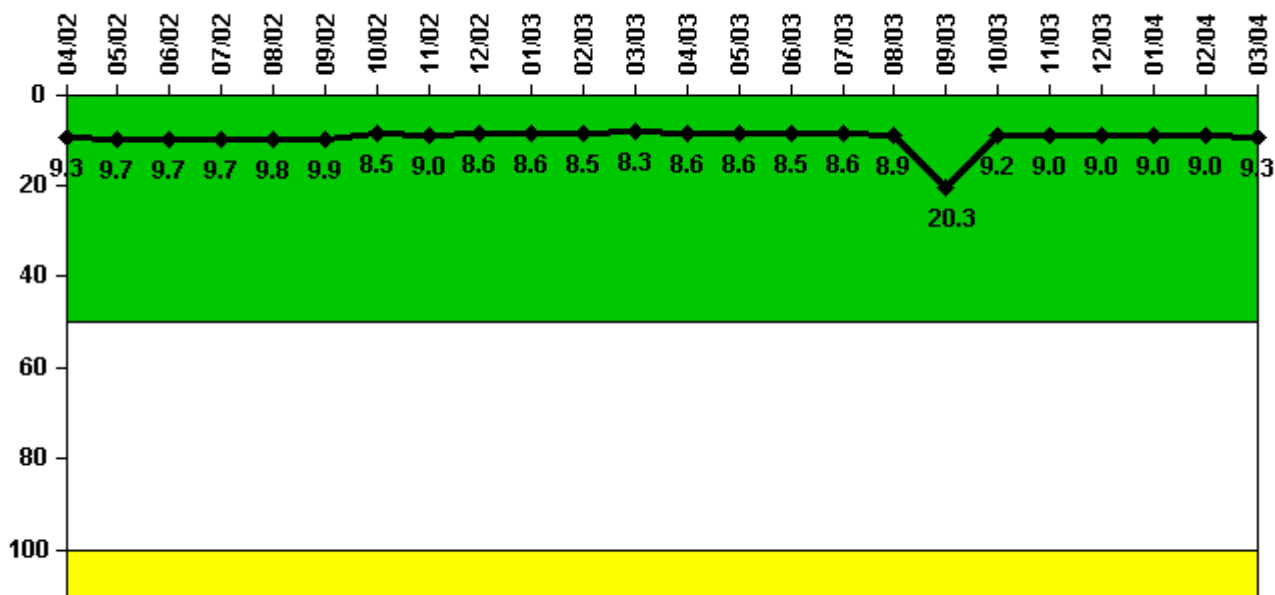
Notes

| Reactor Coolant System Activity | 4/02 | 5/02 | 6/02 | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000002 | 0.000002 | 0.000004 | 0.000005 | 0.000005 | 0.000001 | 0.000013 | 0.000005 | 0.000006 | 0.000008 | 0.000003 | 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 | 4/03 | 5/03 | 6/03 | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000002 | 0.000008 | 0.000009 | 0.000236 | 0.000024 | 0.000728 | 0.000021 | 0.000026 | 0.000015 | 0.000017 | 0.000231 | 0.000043 |
| 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 | 0.1 | 0 | 0.4 | 0 | 0 | 0 | 0 | 0.1 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

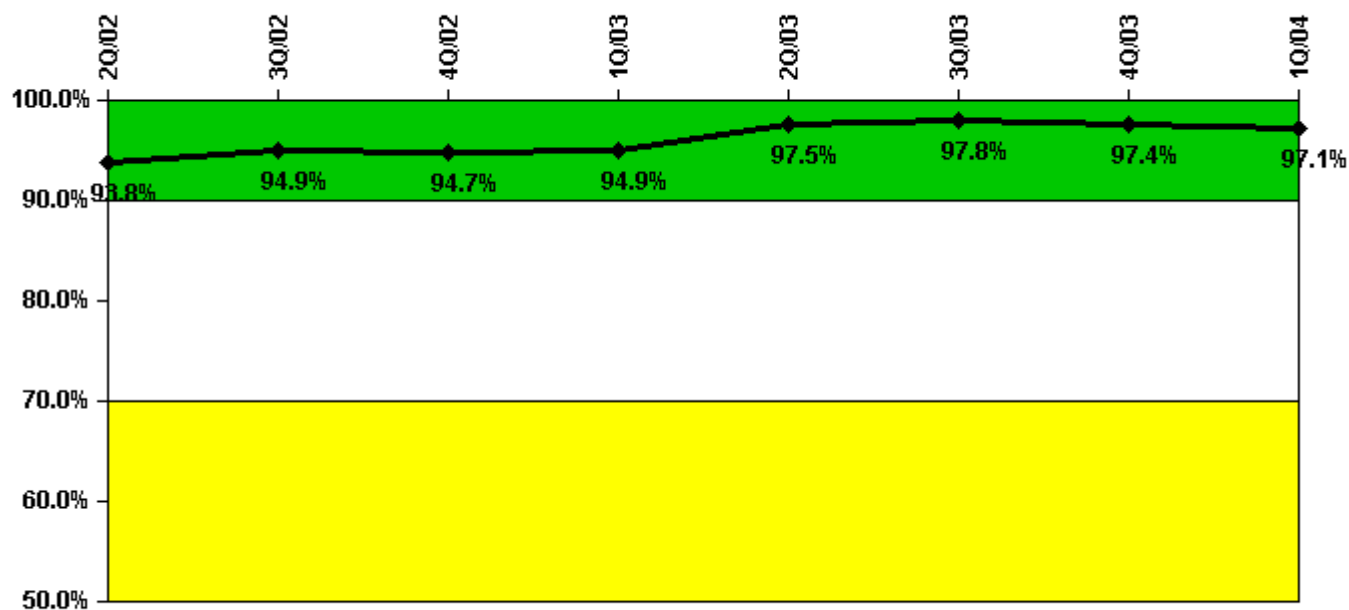
Notes

| Reactor Coolant System Leakage | 4/02 | 5/02 | 6/02 | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.330 | 2.420 | 2.420 | 2.420 | 2.440 | 2.470 | 2.130 | 2.250 | 2.140 | 2.140 | 2.130 | 2.080 |
| 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 | 9.3 | 9.7 | 9.7 | 9.7 | 9.8 | 9.9 | 8.5 | 9.0 | 8.6 | 8.6 | 8.5 | 8.3 |

| Reactor Coolant System Leakage | 4/03 | 5/03 | 6/03 | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.140 | 2.140 | 2.130 | 2.140 | 2.230 | 5.070 | 2.290 | 2.250 | 2.250 | 2.250 | 2.250 | 2.320 |
| 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 | 8.6 | 8.6 | 8.5 | 8.6 | 8.9 | 20.3 | 9.2 | 9.0 | 9.0 | 9.0 | 9.0 | 9.3 |

Licensee Comments: none

Drill/Exercise Performance



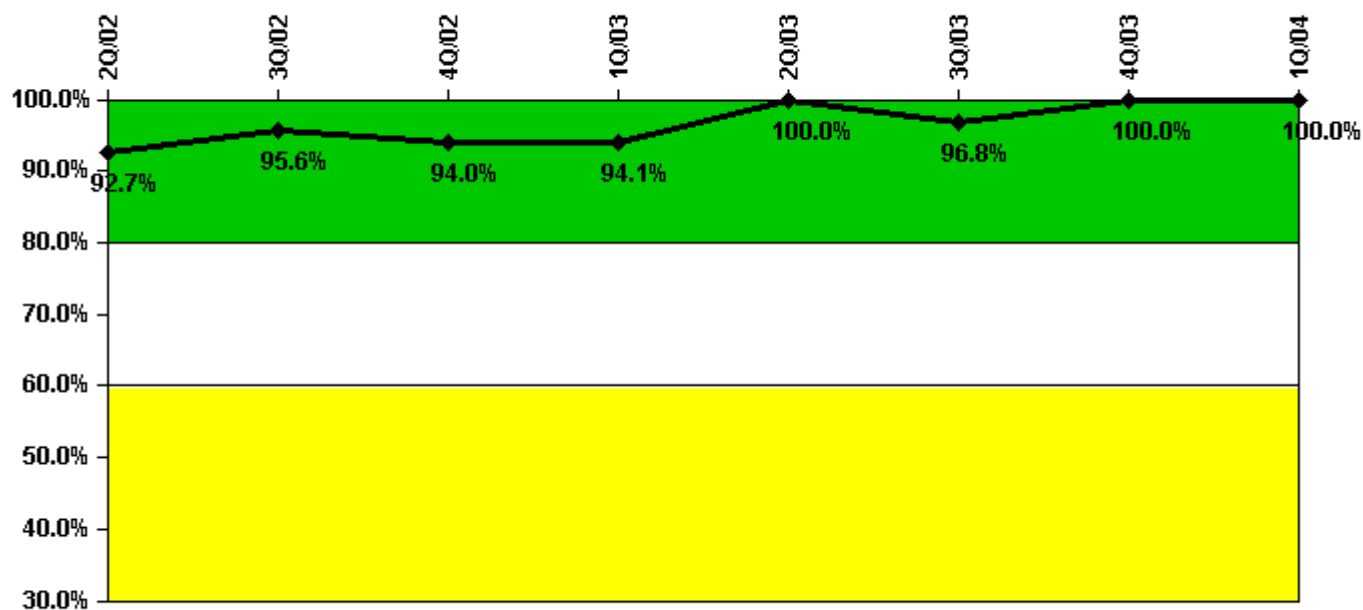
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 1.0 | 23.0 | 15.0 | 18.0 | 57.0 | 20.0 | 21.0 | 49.0 |
| Total opportunities | 2.0 | 24.0 | 16.0 | 18.0 | 58.0 | 20.0 | 22.0 | 50.0 |
| | | | | | | | | |
| Indicator value | 93.8% | 94.9% | 94.7% | 94.9% | 97.5% | 97.8% | 97.4% | 97.1% |

Licensee Comments: none

ERO Drill Participation



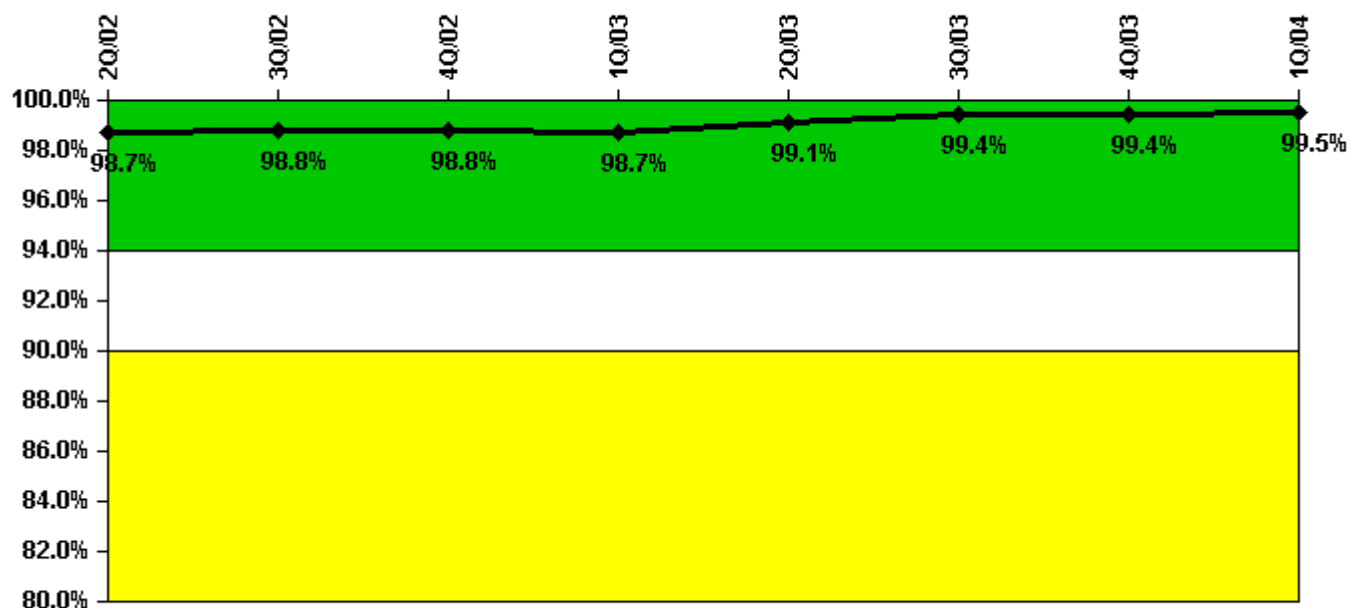
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|-----------------------------|--------------|--------------|--------------|--------------|---------------|--------------|---------------|---------------|
| Participating Key personnel | 38.0 | 43.0 | 47.0 | 48.0 | 53.0 | 60.0 | 61.0 | 68.0 |
| Total Key personnel | 41.0 | 45.0 | 50.0 | 51.0 | 53.0 | 62.0 | 61.0 | 68.0 |
| | | | | | | | | |
| Indicator value | 92.7% | 95.6% | 94.0% | 94.1% | 100.0% | 96.8% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



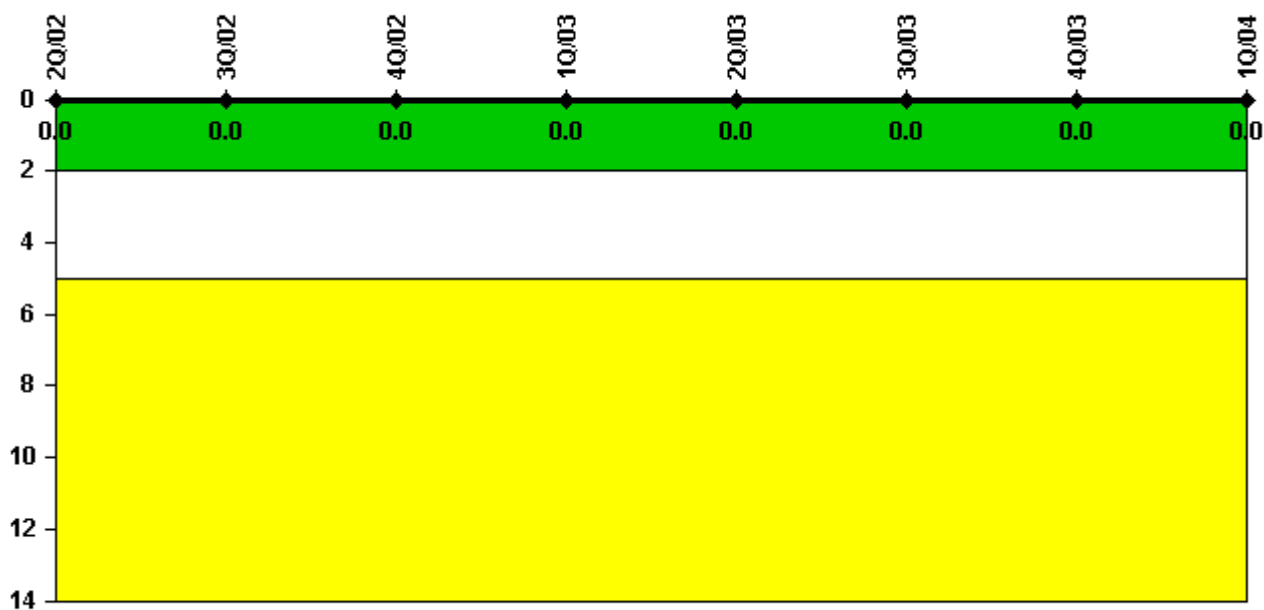
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1233 | 1241 | 1254 | 1251 | 1254 | 1254 | 1353 | 1254 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1358 | 1261 |
| | | | | | | | | |
| Indicator value | 98.7% | 98.8% | 98.8% | 98.7% | 99.1% | 99.4% | 99.4% | 99.5% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



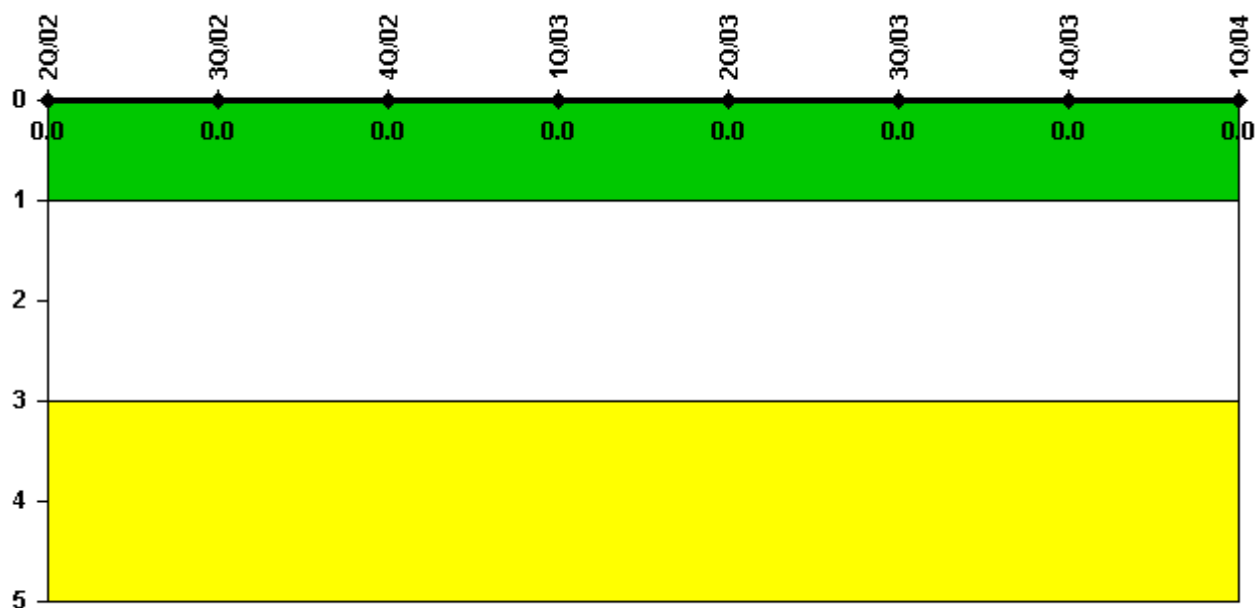
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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



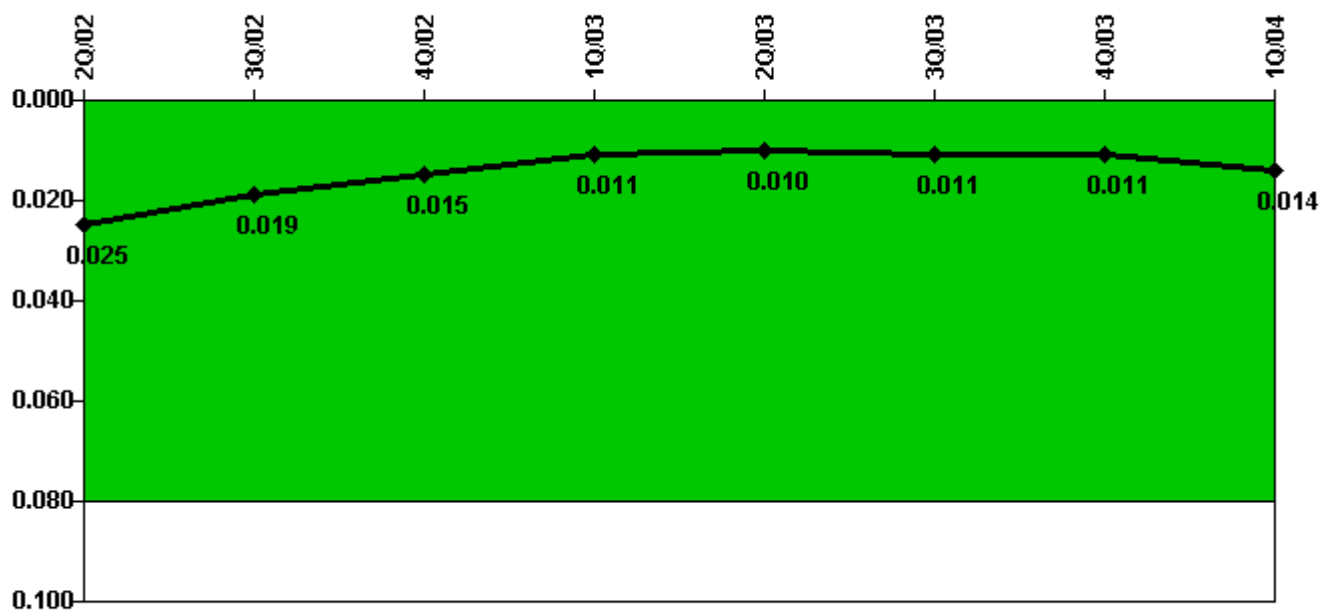
Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Protected Area Security Performance Index



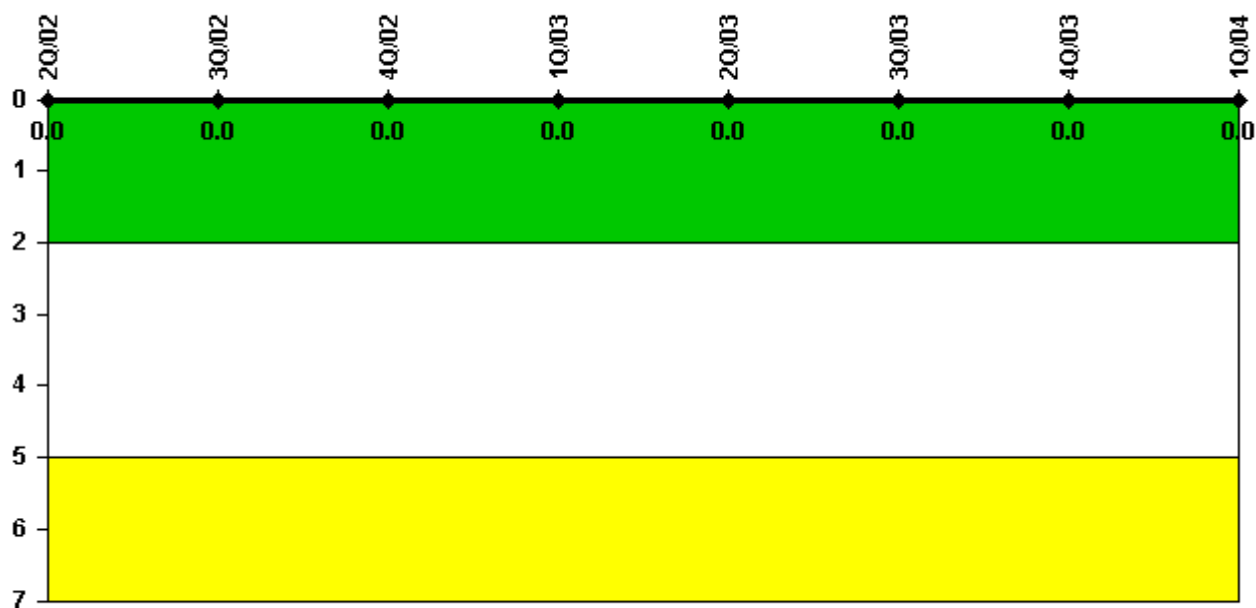
Thresholds: White > 0.080

Notes

| Protected Area Security Performance Index | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| IDS compensatory hours | 130.60 | 67.20 | 55.30 | 60.50 | 75.60 | 123.70 | 41.80 | 165.30 |
| CCTV compensatory hours | 0.6 | 22.1 | 0 | 2.5 | 20.7 | 11.1 | 0.2 | 11.5 |
| IDS normalization factor | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| CCTV normalization factor | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| | | | | | | | | |
| Index Value | 0.025 | 0.019 | 0.015 | 0.011 | 0.010 | 0.011 | 0.011 | 0.014 |

Licensee Comments: none

Personnel Screening Program



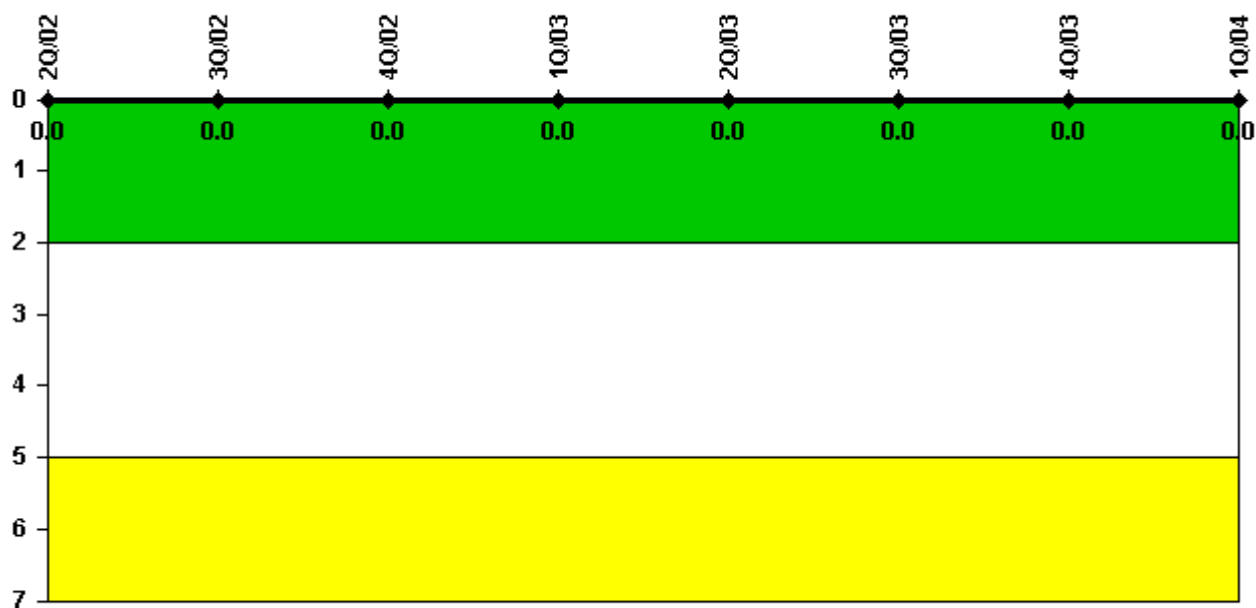
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Personnel Screening Program | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

| FFD/Personnel Reliability | 2Q/02 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Program Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

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

Last Modified: April 22, 2004

Peach Bottom 2

2Q/2004 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 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 1.0 | 0 | 1.0 | 2.0 | 0 | 1.0 | 0 |
| Critical hours | 1719.1 | 2119.9 | 2160.0 | 2154.8 | 1977.1 | 2209.0 | 2127.1 | 2183.0 |
| Indicator value | 0.9 | 0.9 | 0.9 | 1.7 | 3.3 | 2.5 | 3.3 | 2.5 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



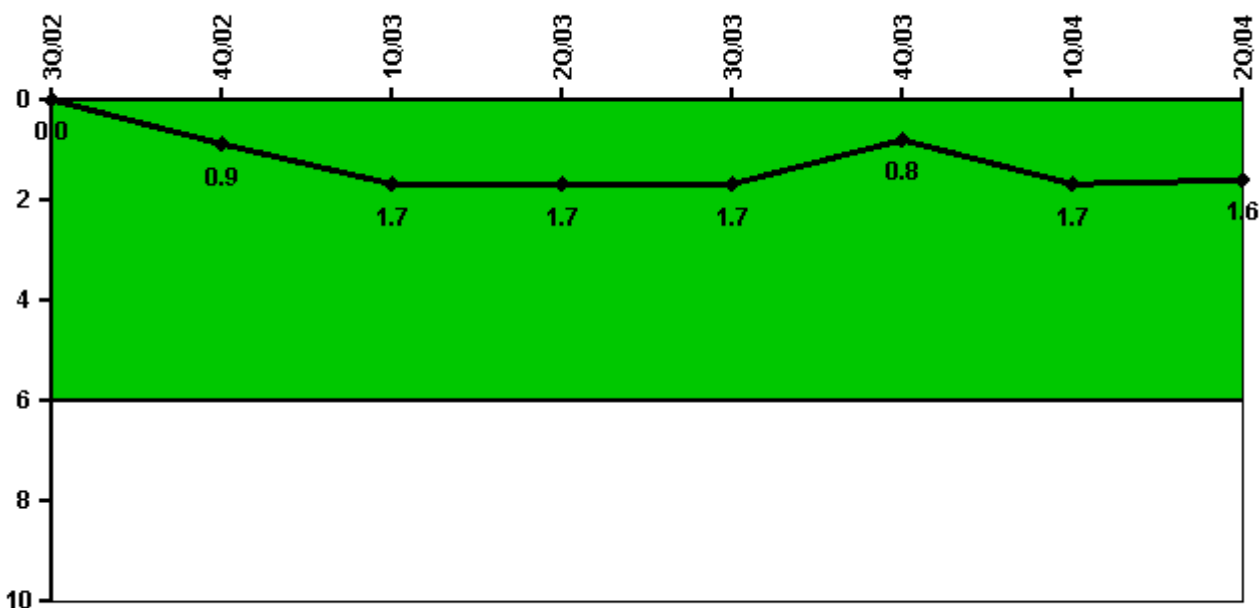
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



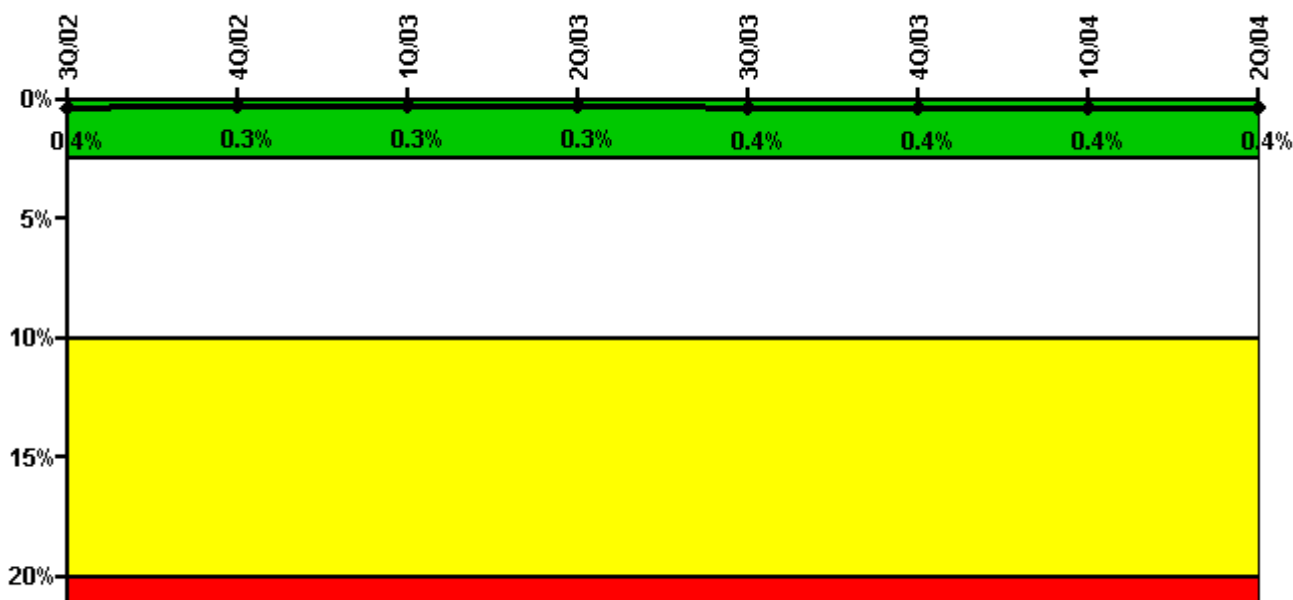
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|----------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 2.0 | 0 |
| Critical hours | 1719.1 | 2119.9 | 2160.0 | 2154.8 | 1977.1 | 2209.0 | 2127.1 | 2183.0 |
| Indicator value | 0 | 0.9 | 1.7 | 1.7 | 1.7 | 0.8 | 1.7 | 1.6 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG

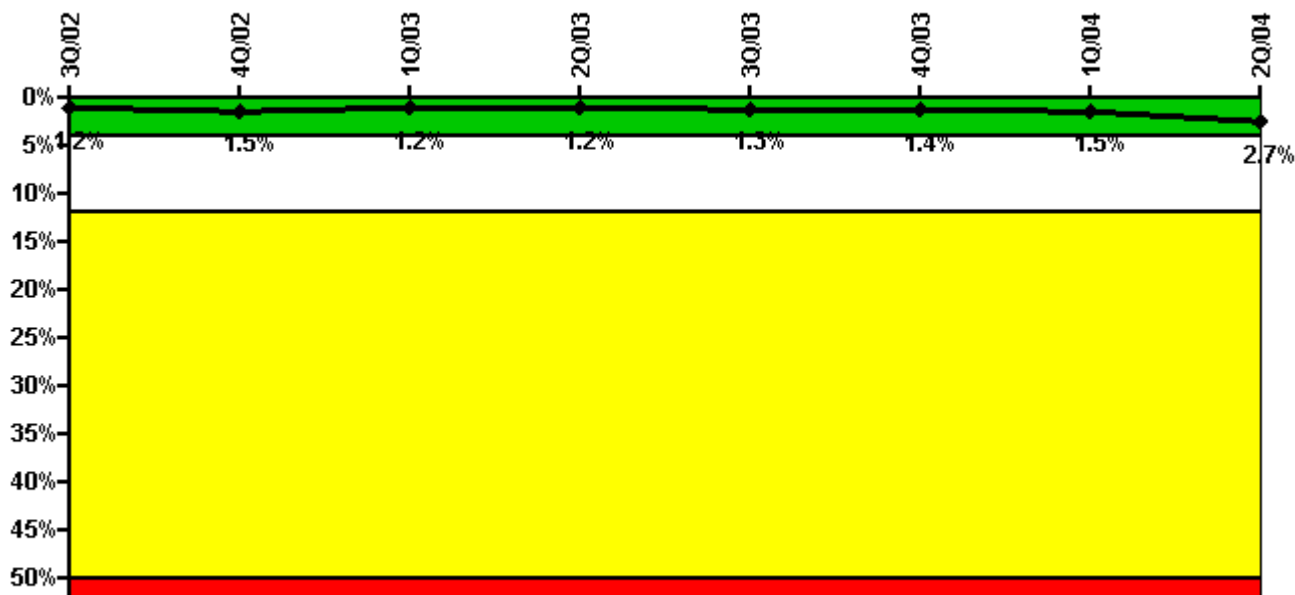


Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 1.00 | 0.50 | 5.50 | 0 | 0 | 12.75 | 15.50 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0.50 | 13.50 | 17.00 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 15.00 | 0 | 26.00 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2076.00 | 2209.00 | 2184.00 | 2183.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0.50 | 0 | 1.00 | 6.75 | 0 | 11.50 | 0 | 0 |
| Unplanned unavailable hours | 0 | 1.50 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 1.00 | 0 | 13.00 | 7.25 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 20.50 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1967.00 | 2173.75 | 2160.00 | 2183.00 | 2076.00 | 2209.00 | 2184.00 | 2183.00 |
| Indicator value | 0.4% | 0.3% | 0.3% | 0.3% | 0.4% | 0.4% | 0.4% | 0.4% |

Safety System Unavailability, High Pressure Injection System (HPCI)



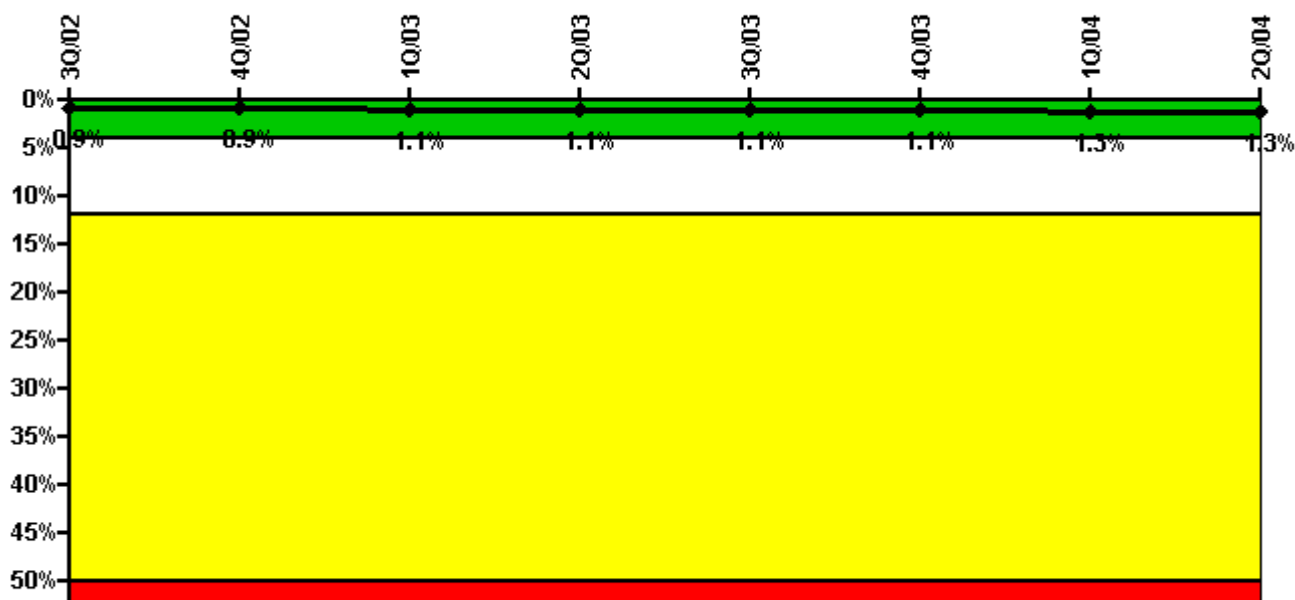
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 109.45 | 6.93 | 23.45 | 11.23 | 41.12 | 4.42 | 115.45 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 51.47 | 173.50 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1719.08 | 2119.85 | 2160.00 | 2154.80 | 1977.09 | 2209.00 | 2127.07 | 2183.00 |
| Indicator value | 1.2% | 1.5% | 1.2% | 1.2% | 1.3% | 1.4% | 1.5% | 2.7% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



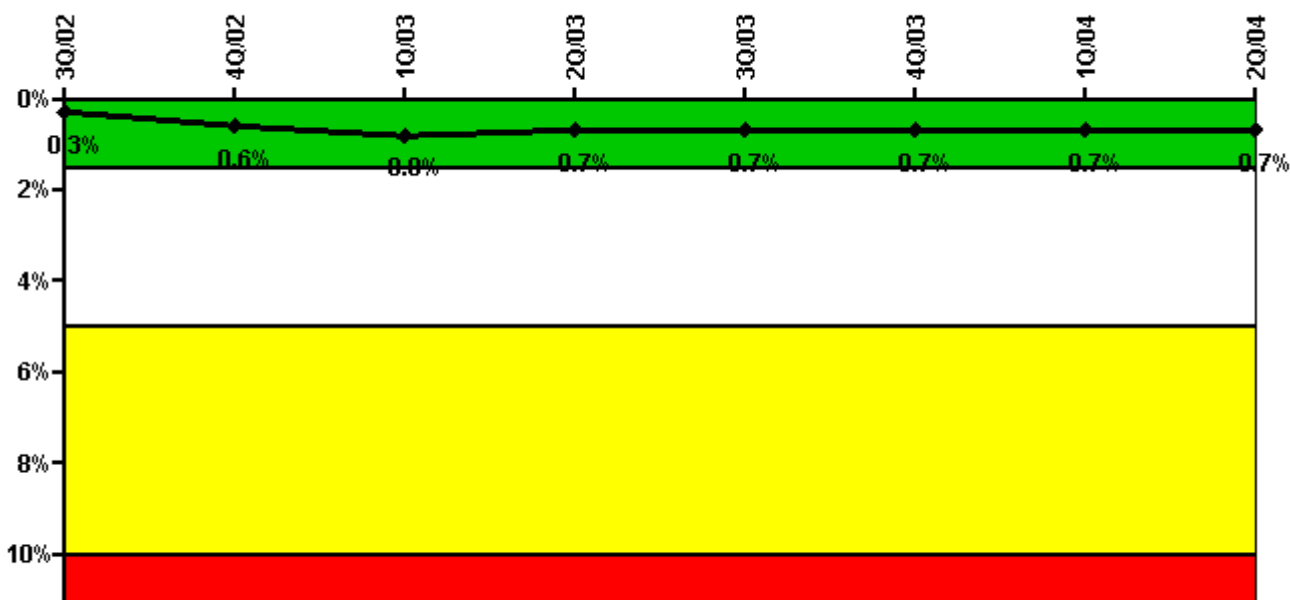
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 33.88 | 1.40 | 62.72 | 0.95 | 5.53 | 5.10 | 74.60 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1719.08 | 2119.85 | 2160.00 | 2154.80 | 1977.09 | 2209.00 | 2127.07 | 2183.00 |
| | | | | | | | | |
| Indicator value | 0.9% | 0.9% | 1.1% | 1.1% | 1.1% | 1.1% | 1.3% | 1.3% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



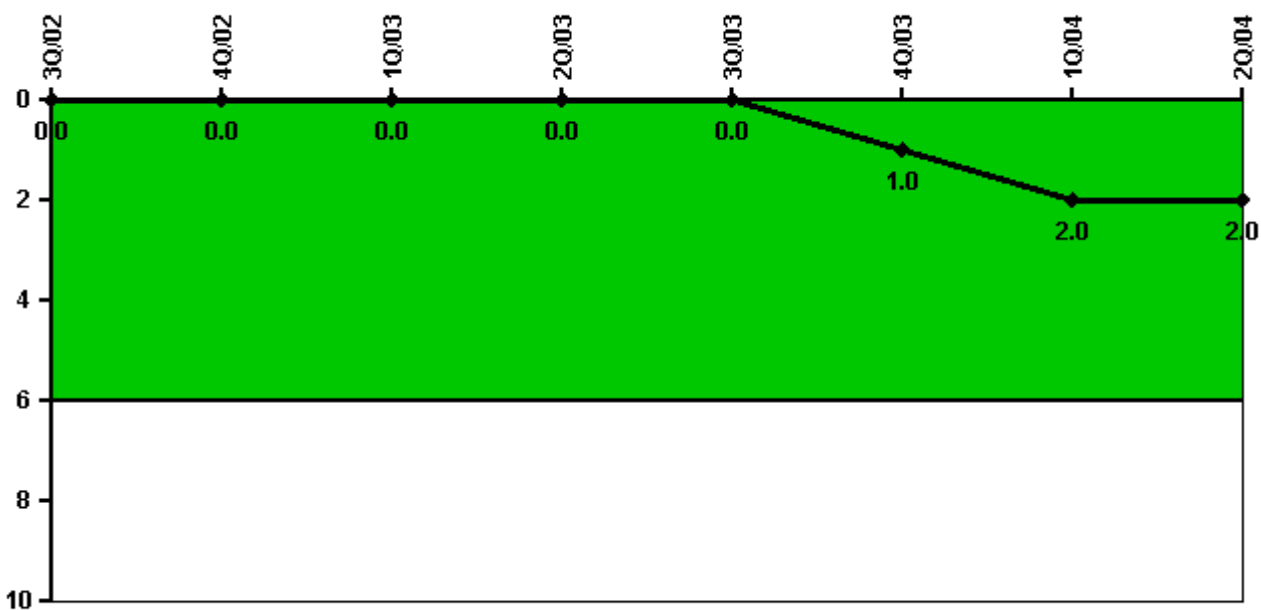
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 80.18 | 15.00 | 0 | 0 | 0 | 30.32 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 108.33 | 66.13 | 0 | 0 | 0 | 0 | 6.70 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1725.85 | 2142.02 | 2160.00 | 2183.00 | 2076.78 | 2209.00 | 2184.00 | 2183.00 |
| Indicator value | 0.3% | 0.6% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% |

Licensee Comments: none

Safety System Functional Failures (BWR)



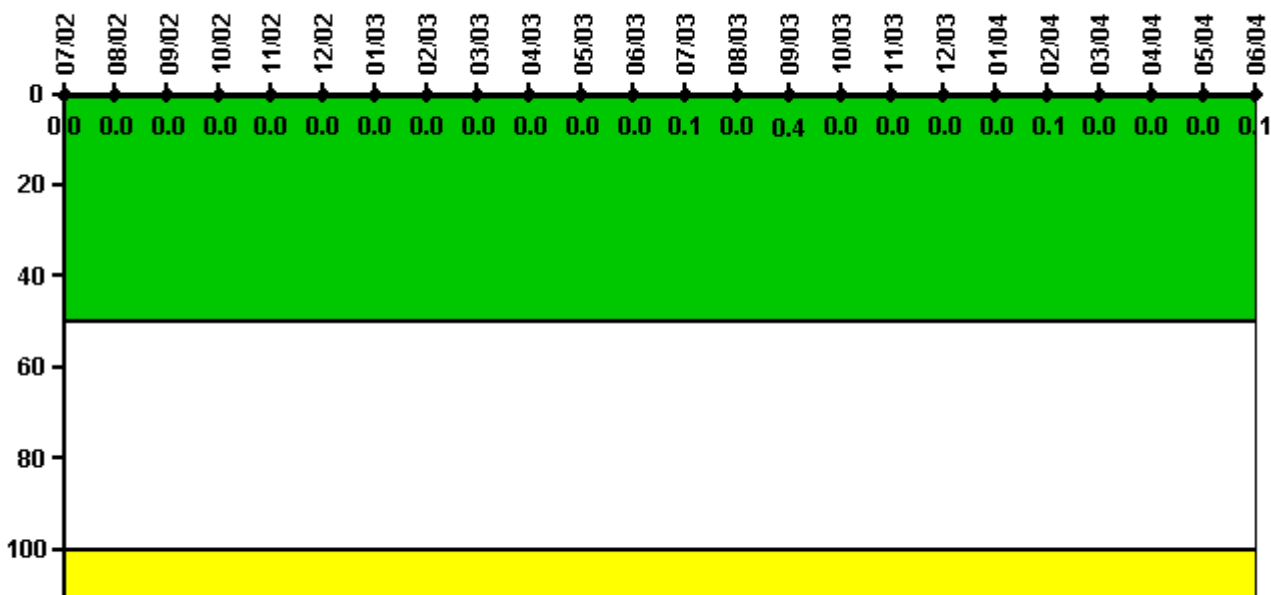
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 |

Licensee Comments: none

Reactor Coolant System Activity



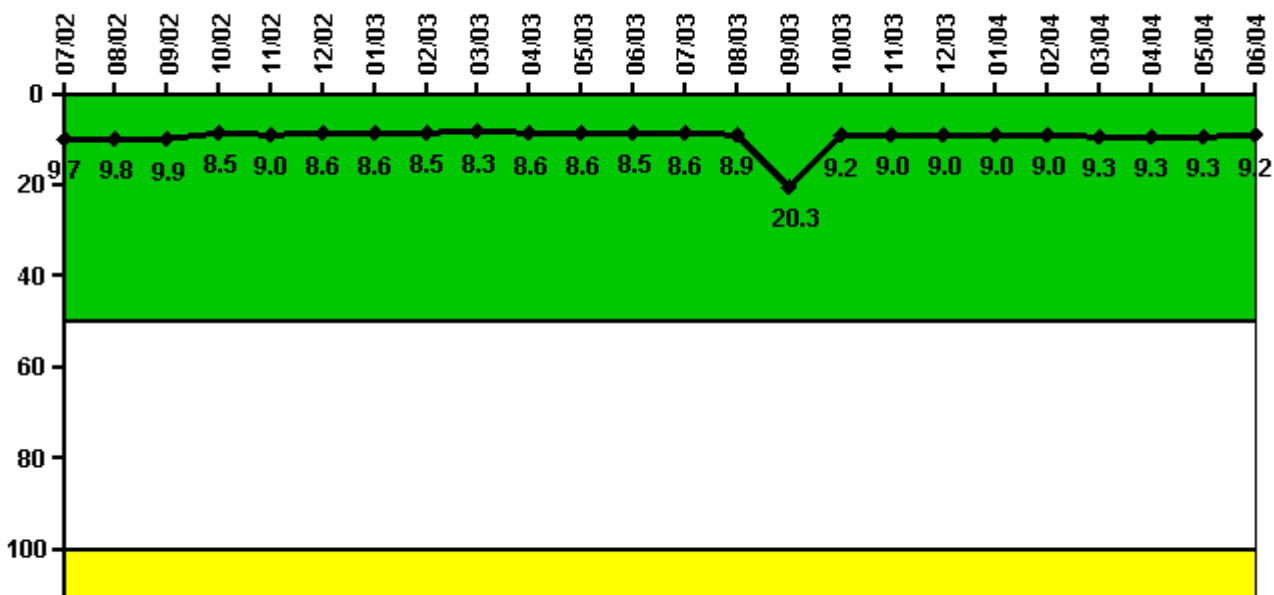
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000005 | 0.000005 | 0.000001 | 0.000013 | 0.000005 | 0.000006 | 0.000008 | 0.000003 | 0.000005 | 0.000002 | 0.000008 | 0.000009 |
| 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 | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 |
| Maximum activity | 0.000236 | 0.000024 | 0.000728 | 0.000021 | 0.000026 | 0.000015 | 0.000017 | 0.000231 | 0.000043 | 0.000012 | 0.000030 | 0.000119 |
| 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 | 0.1 | 0 | 0.4 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0.1 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

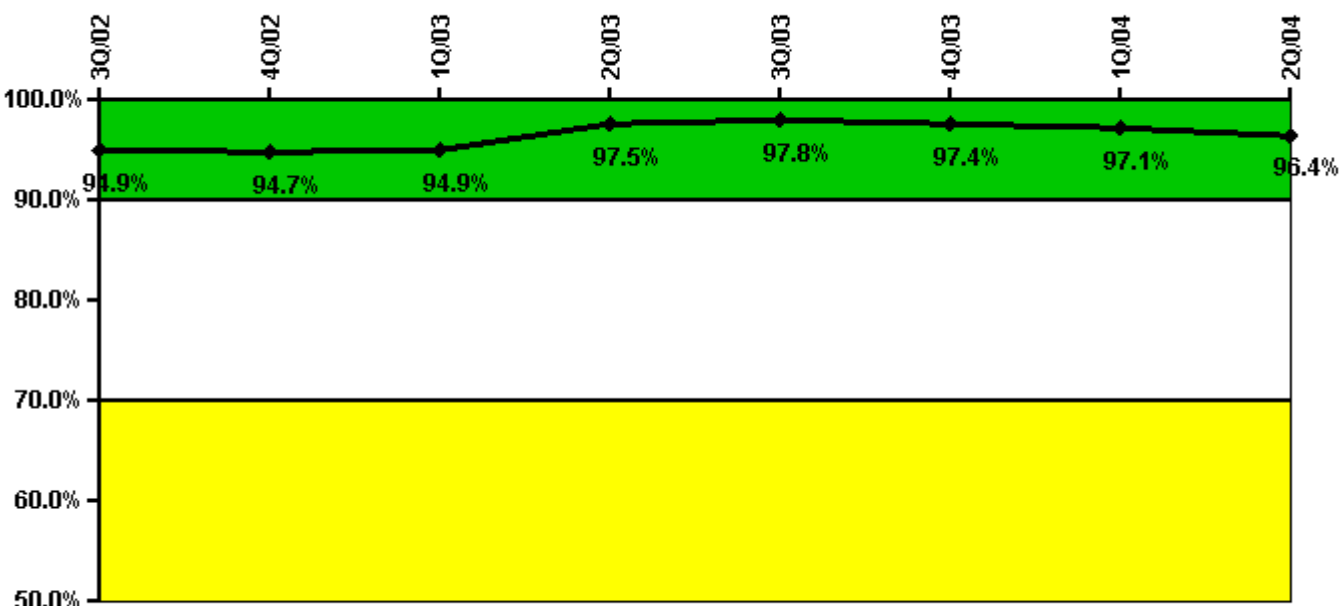
Notes

| Reactor Coolant System Leakage | 7/02 | 8/02 | 9/02 | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.420 | 2.440 | 2.470 | 2.130 | 2.250 | 2.140 | 2.140 | 2.130 | 2.080 | 2.140 | 2.140 | 2.130 |
| 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 | 9.7 | 9.8 | 9.9 | 8.5 | 9.0 | 8.6 | 8.6 | 8.5 | 8.3 | 8.6 | 8.6 | 8.5 |

| Reactor Coolant System Leakage | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.140 | 2.230 | 5.070 | 2.290 | 2.250 | 2.250 | 2.250 | 2.250 | 2.320 | 2.330 | 2.330 | 2.310 |
| 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 | 8.6 | 8.9 | 20.3 | 9.2 | 9.0 | 9.0 | 9.0 | 9.0 | 9.3 | 9.3 | 9.3 | 9.2 |

Licensee Comments: none

Drill/Exercise Performance



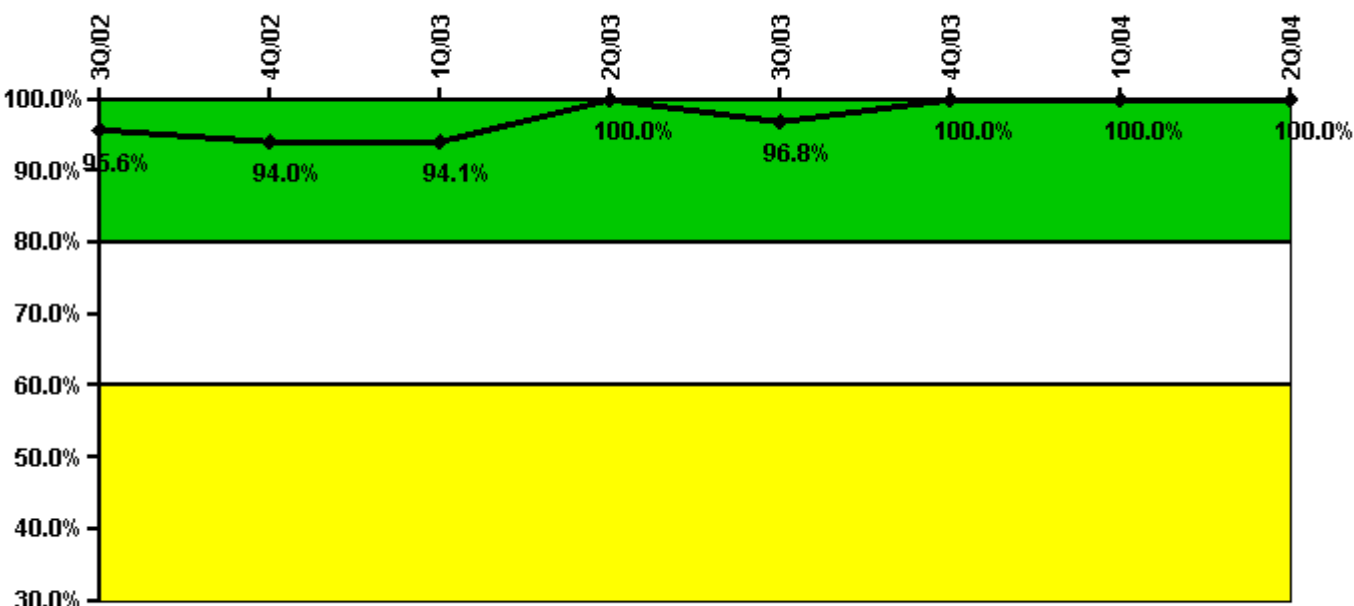
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 23.0 | 15.0 | 18.0 | 57.0 | 20.0 | 21.0 | 49.0 | 36.0 |
| Total opportunities | 24.0 | 16.0 | 18.0 | 58.0 | 20.0 | 22.0 | 50.0 | 40.0 |
| Indicator value | 94.9% | 94.7% | 94.9% | 97.5% | 97.8% | 97.4% | 97.1% | 96.4% |

Licensee Comments: none

ERO Drill Participation



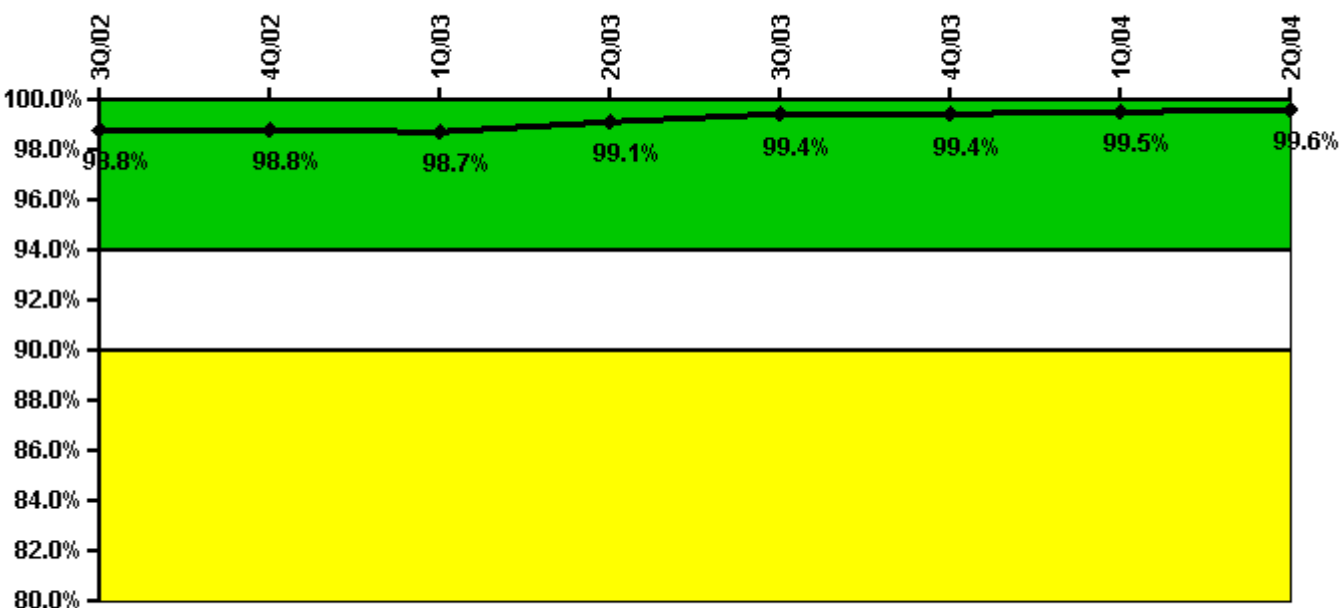
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|-----------------------------|-------|-------|-------|--------|-------|--------|--------|--------|
| Participating Key personnel | 43.0 | 47.0 | 48.0 | 53.0 | 60.0 | 61.0 | 68.0 | 69.0 |
| Total Key personnel | 45.0 | 50.0 | 51.0 | 53.0 | 62.0 | 61.0 | 68.0 | 69.0 |
| Indicator value | 95.6% | 94.0% | 94.1% | 100.0% | 96.8% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



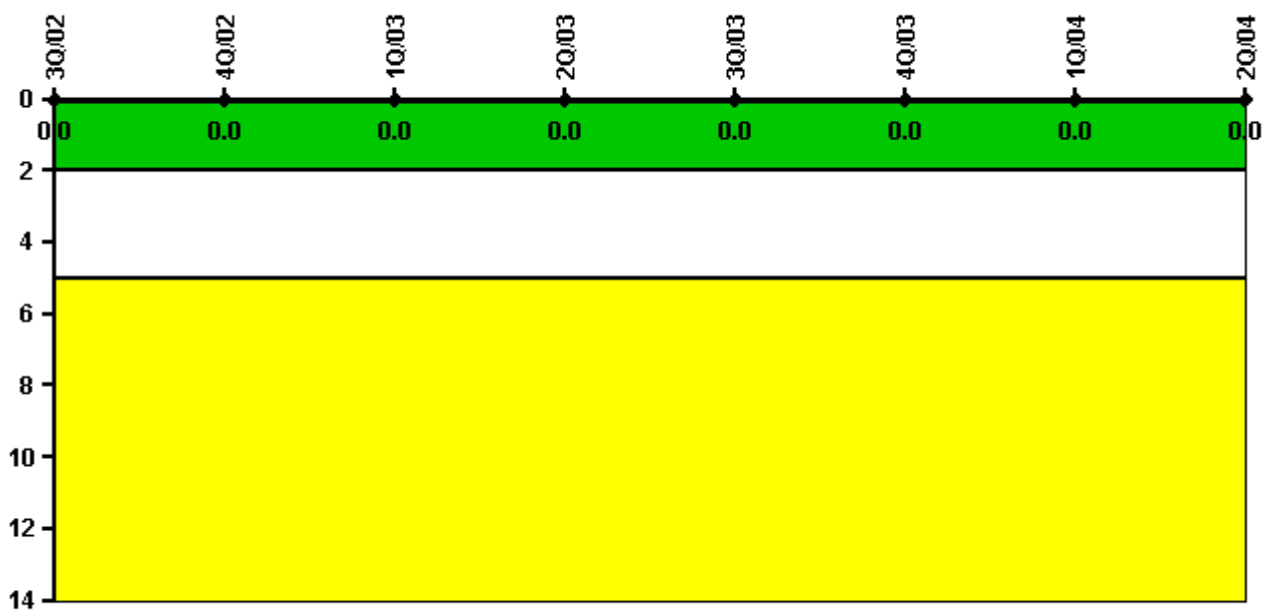
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1241 | 1254 | 1251 | 1254 | 1254 | 1353 | 1254 | 1258 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1358 | 1261 | 1261 |
| Indicator value | 98.8% | 98.8% | 98.7% | 99.1% | 99.4% | 99.4% | 99.5% | 99.6% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



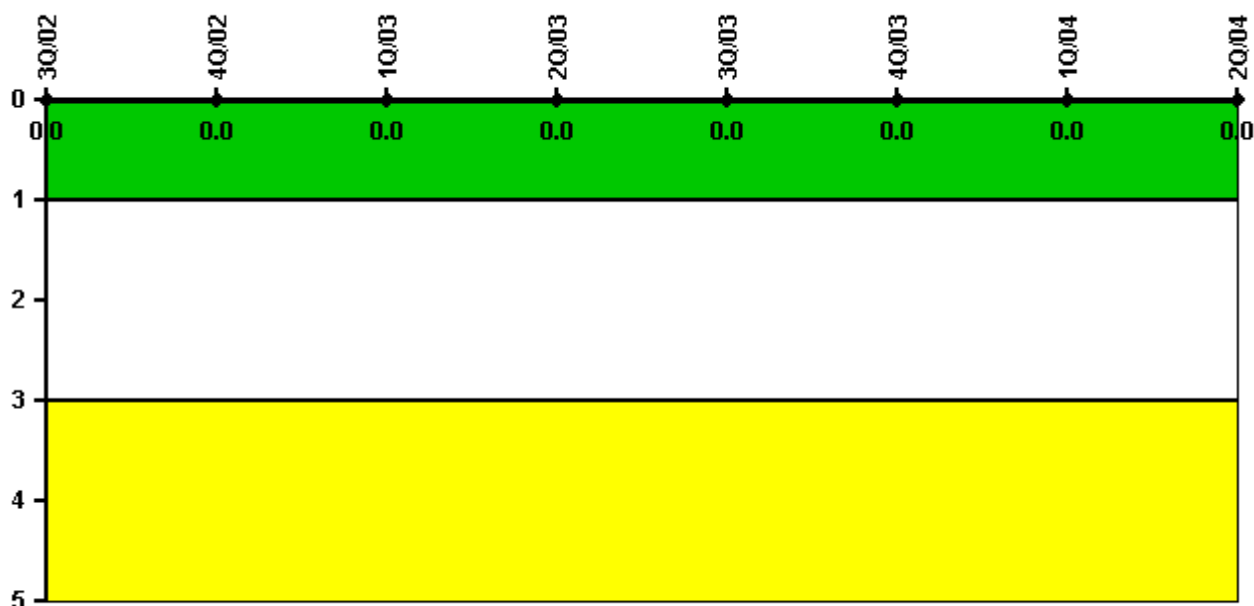
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 3Q/02 | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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.

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

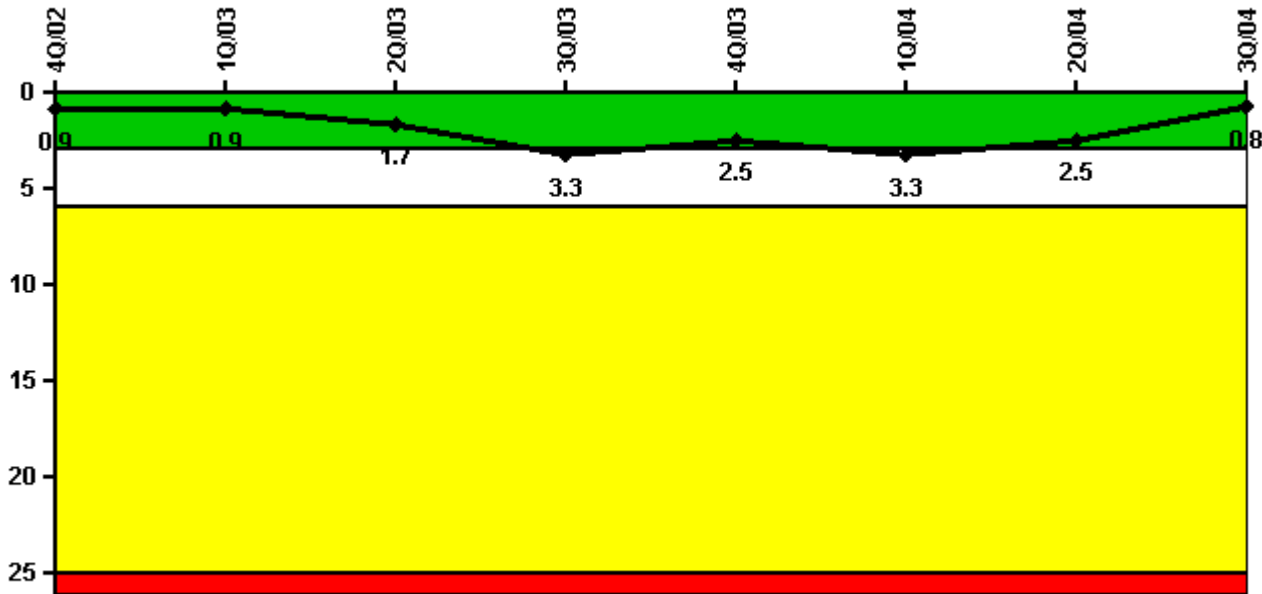
Last Modified: September 8, 2004

Peach Bottom 2

3Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



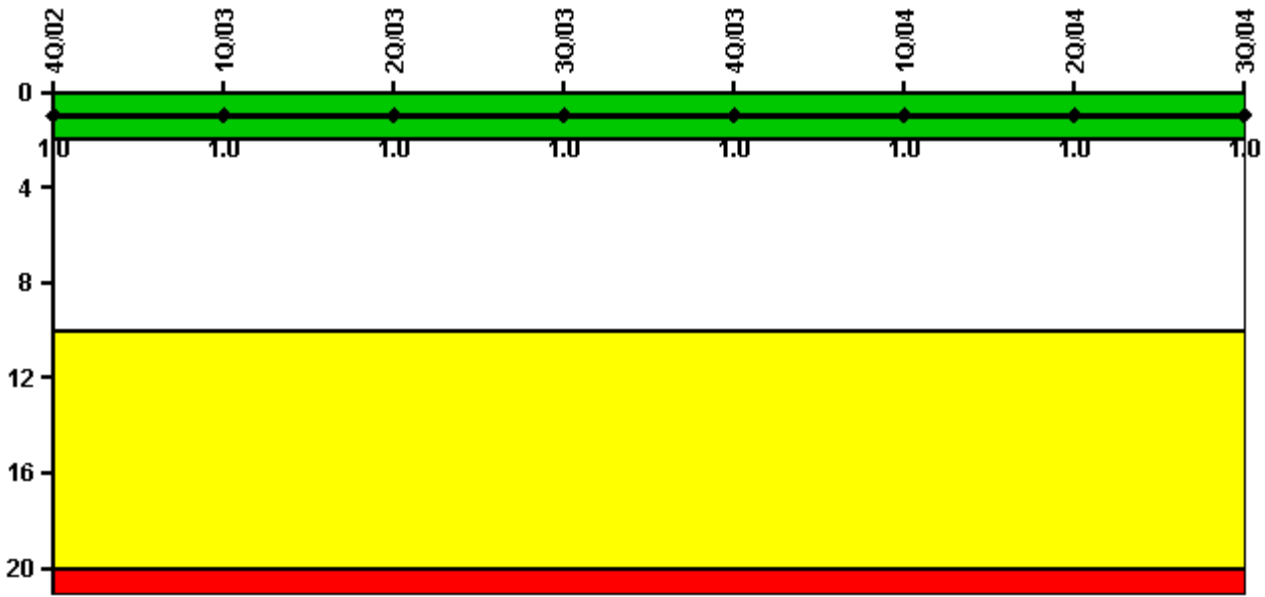
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 1.0 | 0 | 1.0 | 2.0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2119.9 | 2160.0 | 2154.8 | 1977.1 | 2209.0 | 2127.1 | 2183.0 | 1815.3 |
| Indicator value | 0.9 | 0.9 | 1.7 | 3.3 | 2.5 | 3.3 | 2.5 | 0.8 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



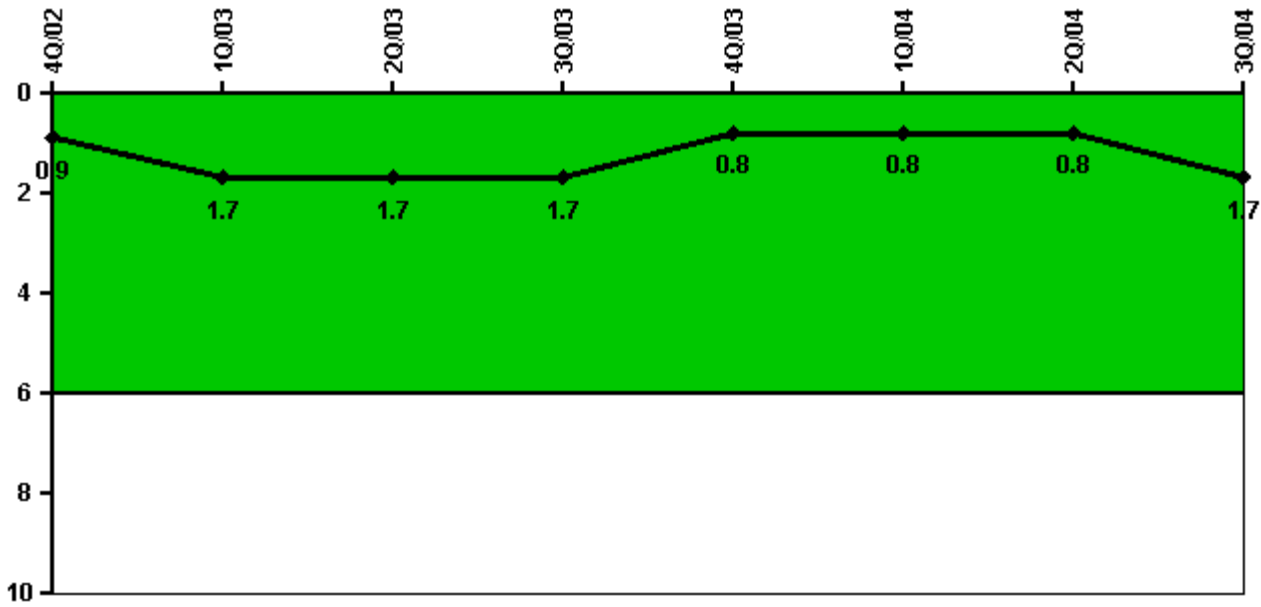
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

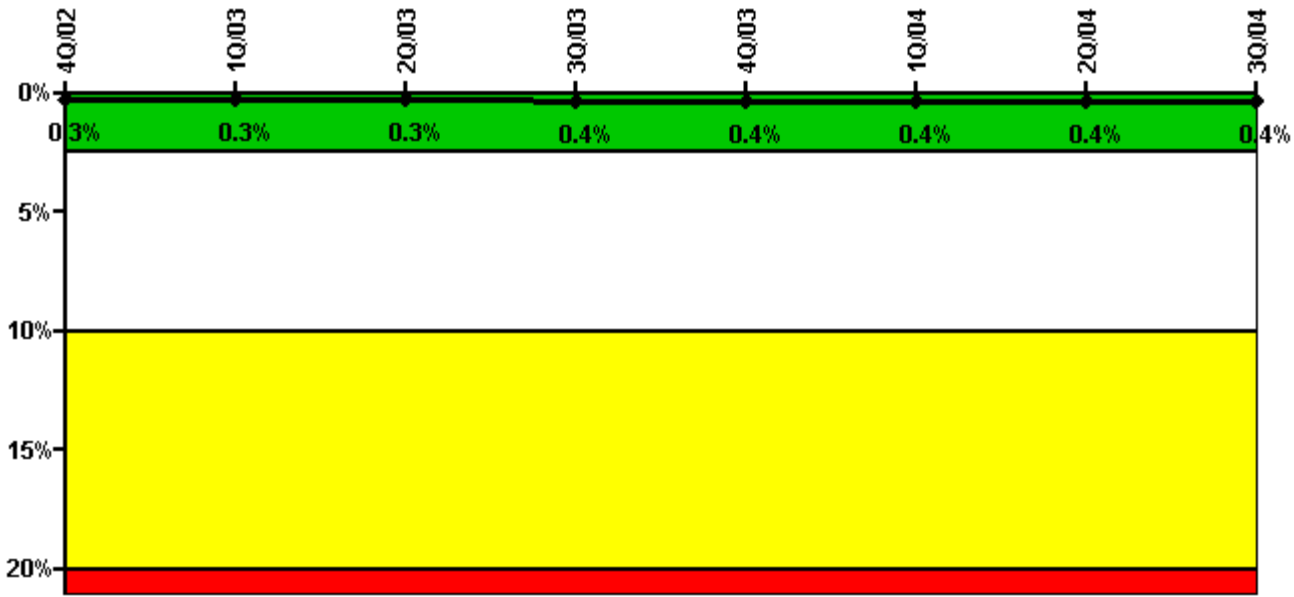
Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 1.0 | 1.0 | 0 | 0 | 0 | 1.0 | 0 | 1.0 |
| Critical hours | 2119.9 | 2160.0 | 2154.8 | 1977.1 | 2209.0 | 2127.1 | 2183.0 | 1815.3 |
| Indicator value | 0.9 | 1.7 | 1.7 | 1.7 | 0.8 | 0.8 | 0.8 | 1.7 |

Licensee Comments:

1Q/04: 2/22/04 U2 >20% load drop, due to loss of condenser vacuum was changed from "unplanned, not excluded" to "unplanned, excluded" based on NEI 99-02 guidance.

Safety System Unavailability, Emergency AC Power, >2EDG



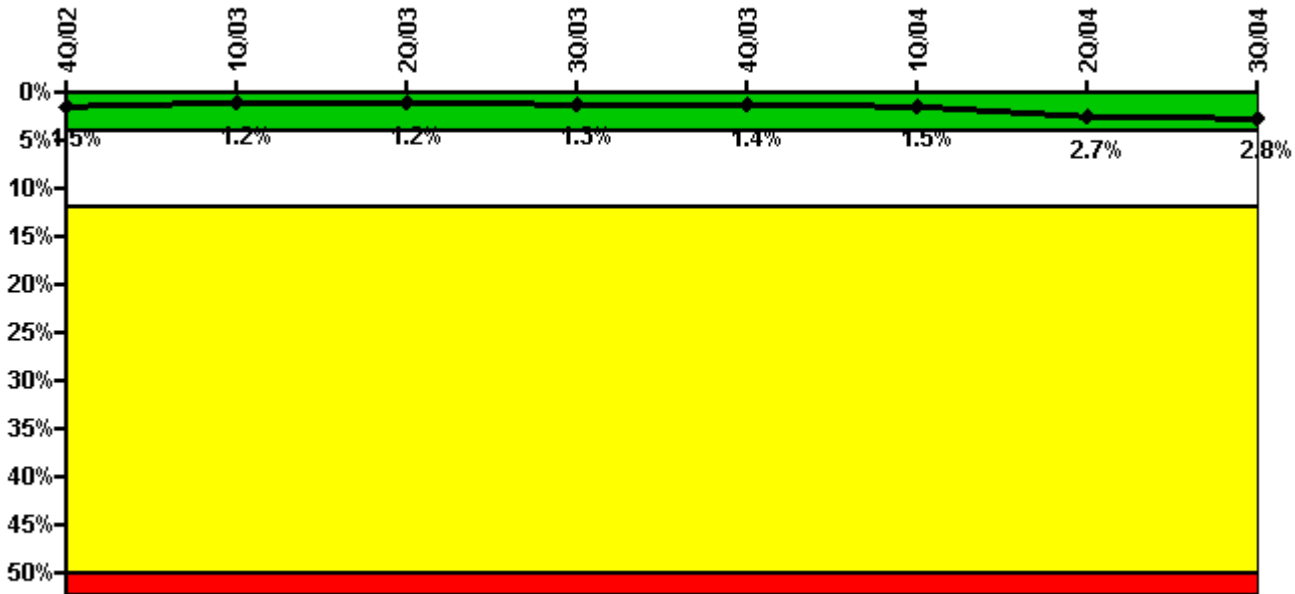
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0.50 | 5.50 | 0 | 0 | 12.75 | 15.50 | 0 | 37.25 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2173.75 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2012.25 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0.50 | 13.50 | 17.00 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 15.00 | 0 | 26.00 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2173.75 | 2160.00 | 2183.00 | 2076.00 | 2209.00 | 2184.00 | 2183.00 | 2020.25 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 1.00 | 6.75 | 0 | 11.50 | 0 | 0 | 48.50 |
| Unplanned unavailable hours | 1.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2173.75 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2012.25 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 1.00 | 0 | 13.00 | 7.25 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 20.50 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2173.75 | 2160.00 | 2183.00 | 2076.00 | 2209.00 | 2184.00 | 2183.00 | 2020.25 |
| Indicator value | 0.3% | 0.3% | 0.3% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



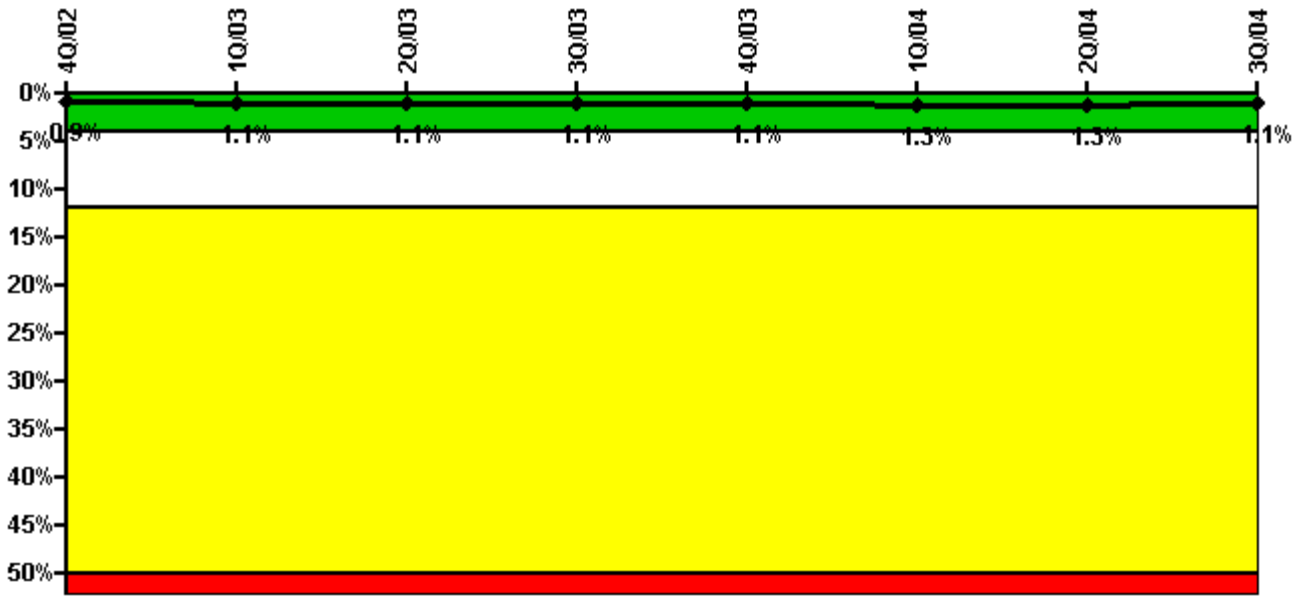
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 109.45 | 6.93 | 23.45 | 11.23 | 41.12 | 4.42 | 115.45 | 13.80 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 51.47 | 173.50 | 1.95 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2119.85 | 2160.00 | 2154.80 | 1977.09 | 2209.00 | 2127.07 | 2183.00 | 1815.28 |
| Indicator value | 1.5% | 1.2% | 1.2% | 1.3% | 1.4% | 1.5% | 2.7% | 2.8% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



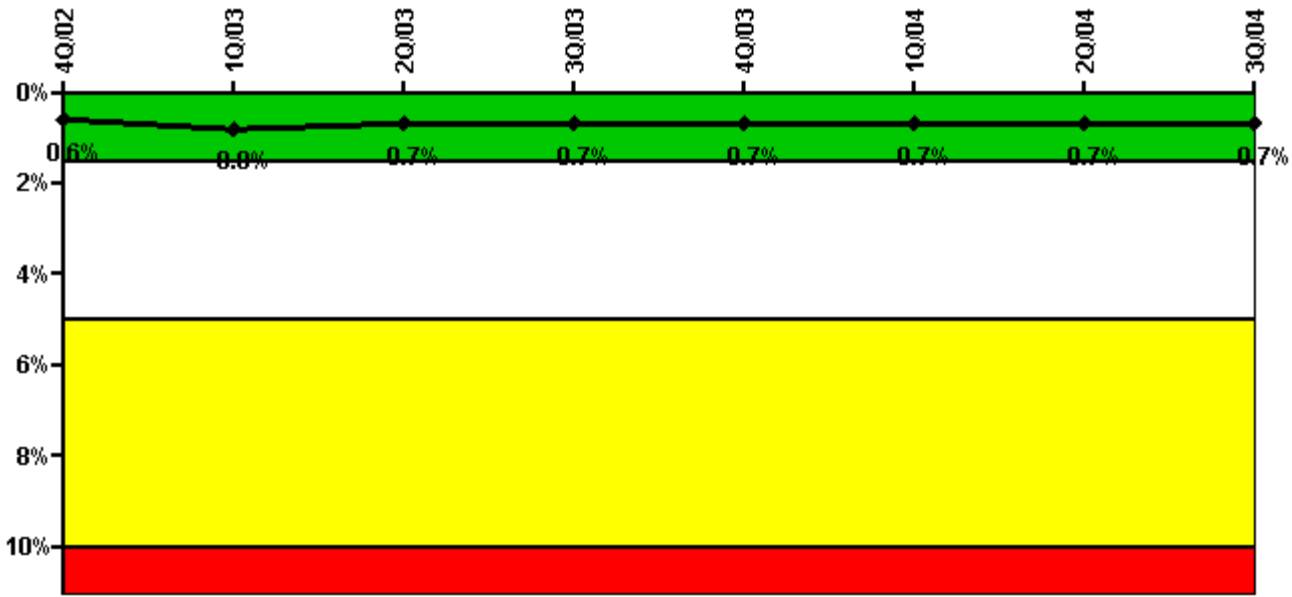
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 1.40 | 62.72 | 0.95 | 5.53 | 5.10 | 74.60 | 0 | 1.82 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2119.85 | 2160.00 | 2154.80 | 1977.09 | 2209.00 | 2127.07 | 2183.00 | 1815.28 |
| | | | | | | | | |
| Indicator value | 0.9% | 1.1% | 1.1% | 1.1% | 1.1% | 1.3% | 1.3% | 1.1% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



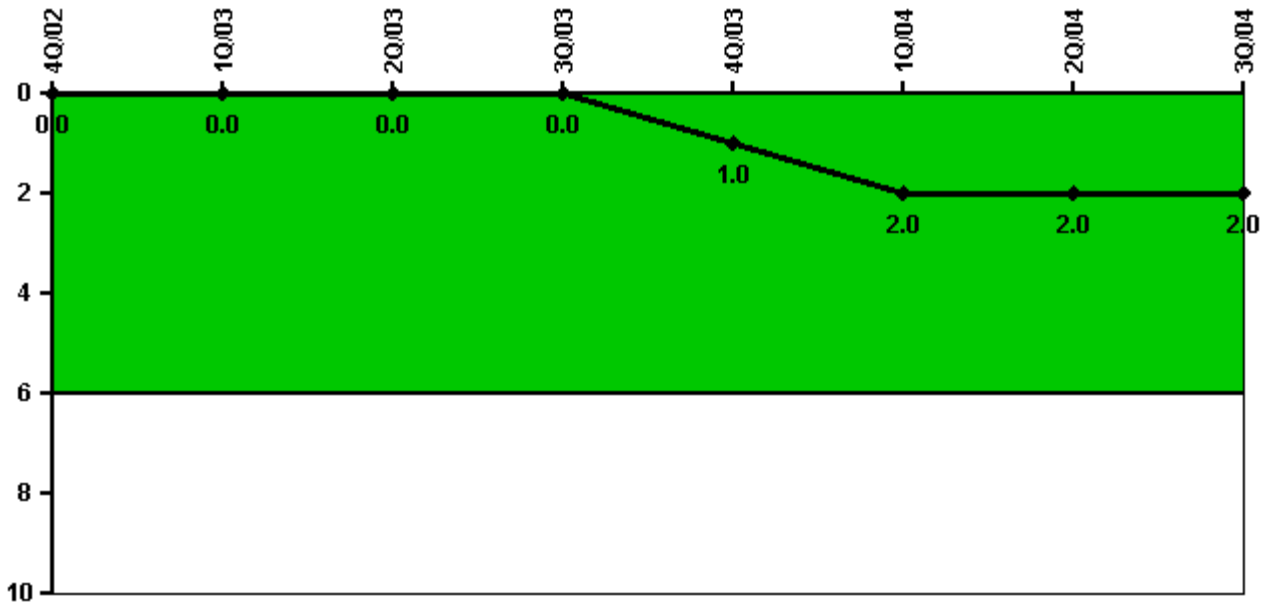
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 80.18 | 15.00 | 0 | 0 | 0 | 30.32 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2208.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 108.33 | 66.13 | 0 | 0 | 0 | 0 | 6.70 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2142.02 | 2160.00 | 2183.00 | 2076.78 | 2209.00 | 2184.00 | 2183.00 | 1824.30 |
| Indicator value | 0.6% | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% |

Licensee Comments: none

Safety System Functional Failures (BWR)



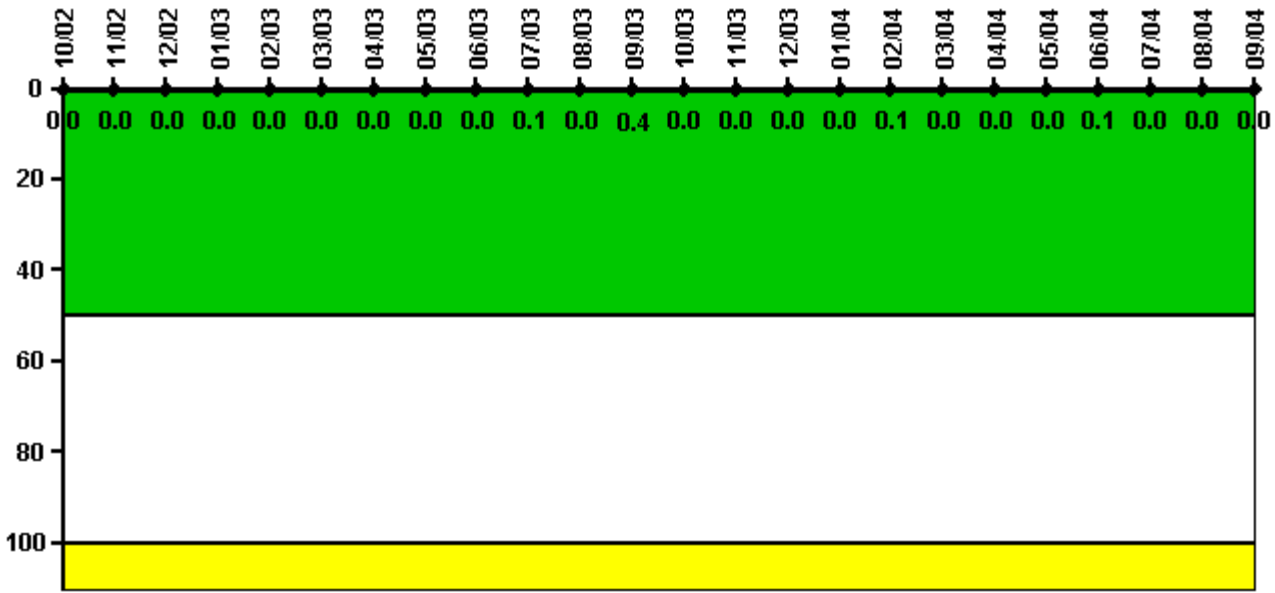
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 |

Licensee Comments: none

Reactor Coolant System Activity



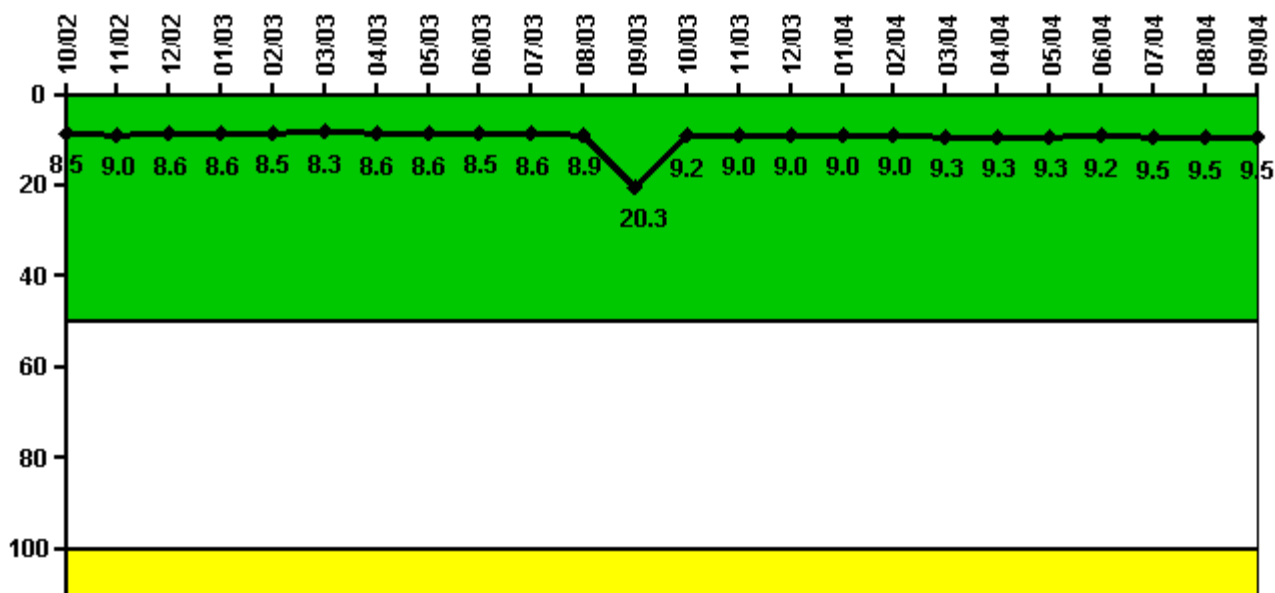
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 | 7/03 | 8/03 | 9/03 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000013 | 0.000005 | 0.000006 | 0.000008 | 0.000003 | 0.000005 | 0.000002 | 0.000008 | 0.000009 | 0.000236 | 0.000024 | 0.000728 |
| 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 | 0.1 | 0 | 0.4 |
| Reactor Coolant System Activity | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 |
| Maximum activity | 0.000021 | 0.000026 | 0.000015 | 0.000017 | 0.000231 | 0.000043 | 0.000012 | 0.000030 | 0.000119 | 0.000023 | 0.000029 | 0.000015 |
| 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 | 0.1 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



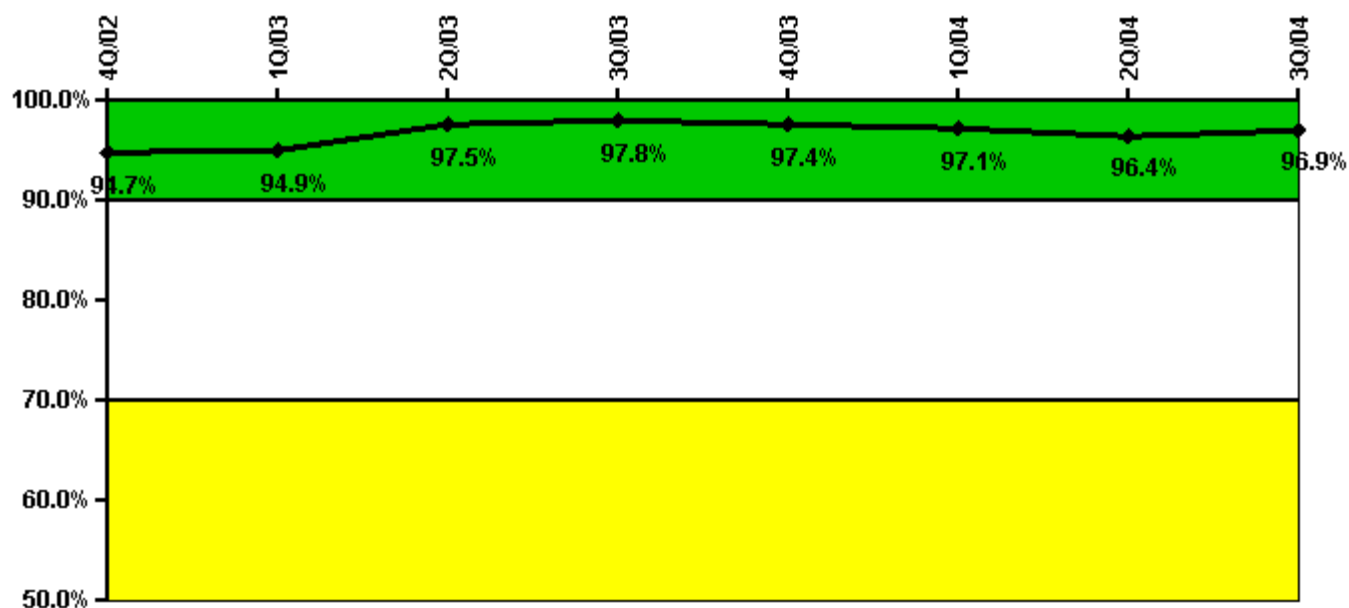
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 10/02 | 11/02 | 12/02 | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 | 7/03 | 8/03 | 9/03 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.130 | 2.250 | 2.140 | 2.140 | 2.130 | 2.080 | 2.140 | 2.140 | 2.130 | 2.140 | 2.230 | 5.070 |
| 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 | 8.5 | 9.0 | 8.6 | 8.6 | 8.5 | 8.3 | 8.6 | 8.6 | 8.5 | 8.6 | 8.9 | 20.3 |
| Reactor Coolant System Leakage | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 |
| Maximum leakage | 2.290 | 2.250 | 2.250 | 2.250 | 2.250 | 2.320 | 2.330 | 2.330 | 2.310 | 2.370 | 2.380 | 2.380 |
| 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 | 9.2 | 9.0 | 9.0 | 9.0 | 9.0 | 9.3 | 9.3 | 9.3 | 9.2 | 9.5 | 9.5 | 9.5 |

Licensee Comments: none

Drill/Exercise Performance



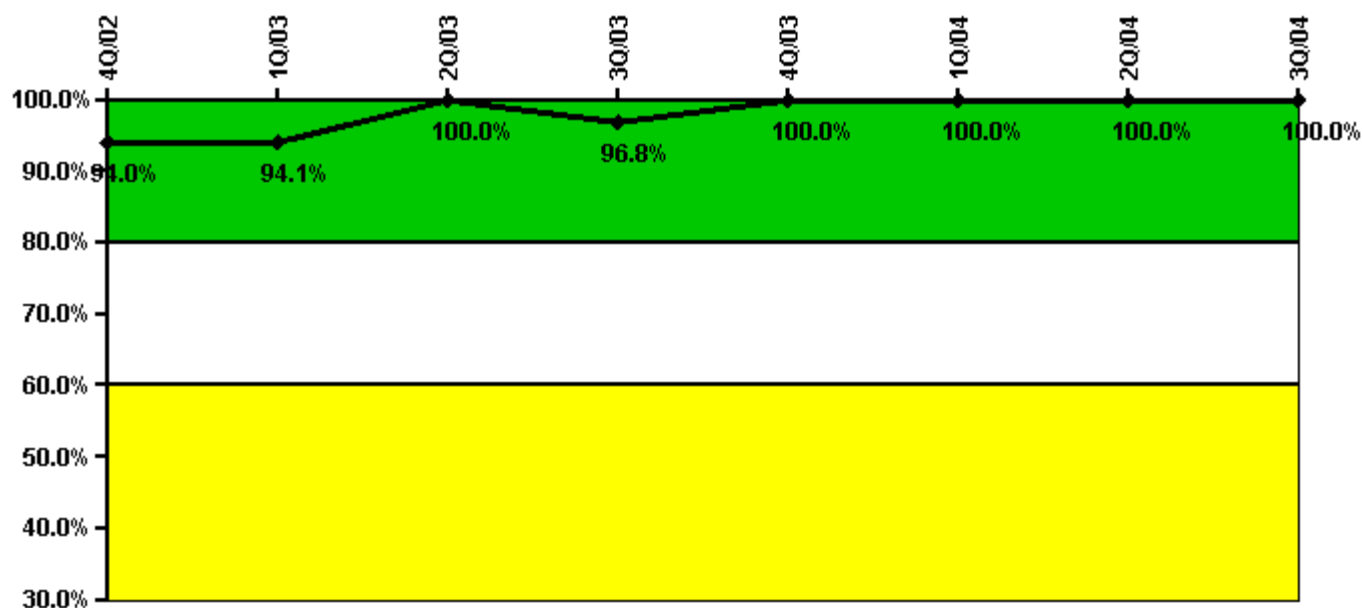
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 15.0 | 18.0 | 57.0 | 20.0 | 21.0 | 49.0 | 36.0 | 36.0 |
| Total opportunities | 16.0 | 18.0 | 58.0 | 20.0 | 22.0 | 50.0 | 40.0 | 36.0 |
| Indicator value | 94.7% | 94.9% | 97.5% | 97.8% | 97.4% | 97.1% | 96.4% | 96.9% |

Licensee Comments: none

ERO Drill Participation



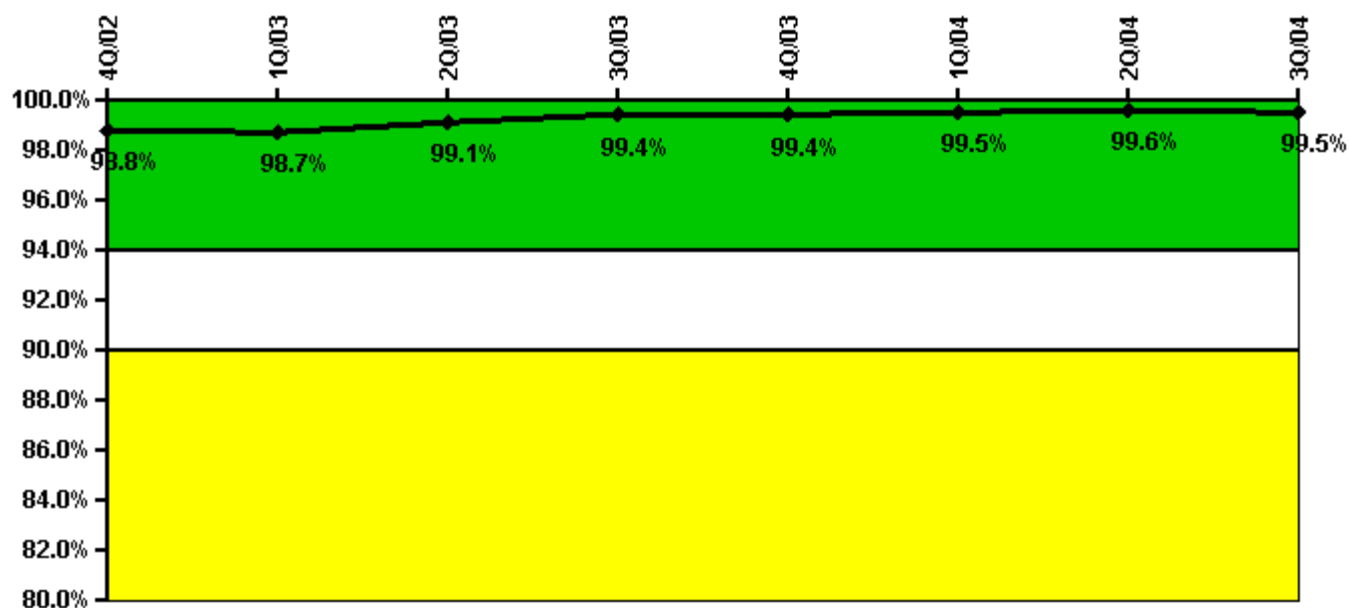
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|-----------------------------|-------|-------|--------|-------|--------|--------|--------|--------|
| Participating Key personnel | 47.0 | 48.0 | 53.0 | 60.0 | 61.0 | 68.0 | 69.0 | 69.0 |
| Total Key personnel | 50.0 | 51.0 | 53.0 | 62.0 | 61.0 | 68.0 | 69.0 | 69.0 |
| Indicator value | 94.0% | 94.1% | 100.0% | 96.8% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



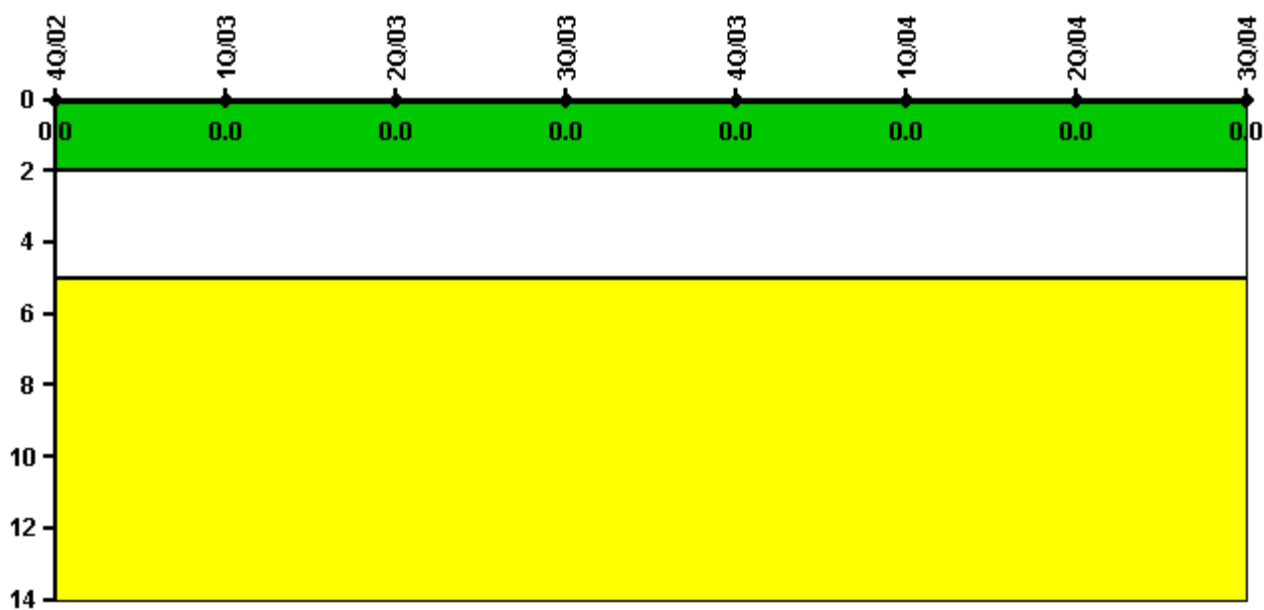
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1254 | 1251 | 1254 | 1254 | 1353 | 1254 | 1258 | 1248 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1358 | 1261 | 1261 | 1261 |
| Indicator value | 98.8% | 98.7% | 99.1% | 99.4% | 99.4% | 99.5% | 99.6% | 99.5% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/02 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.

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

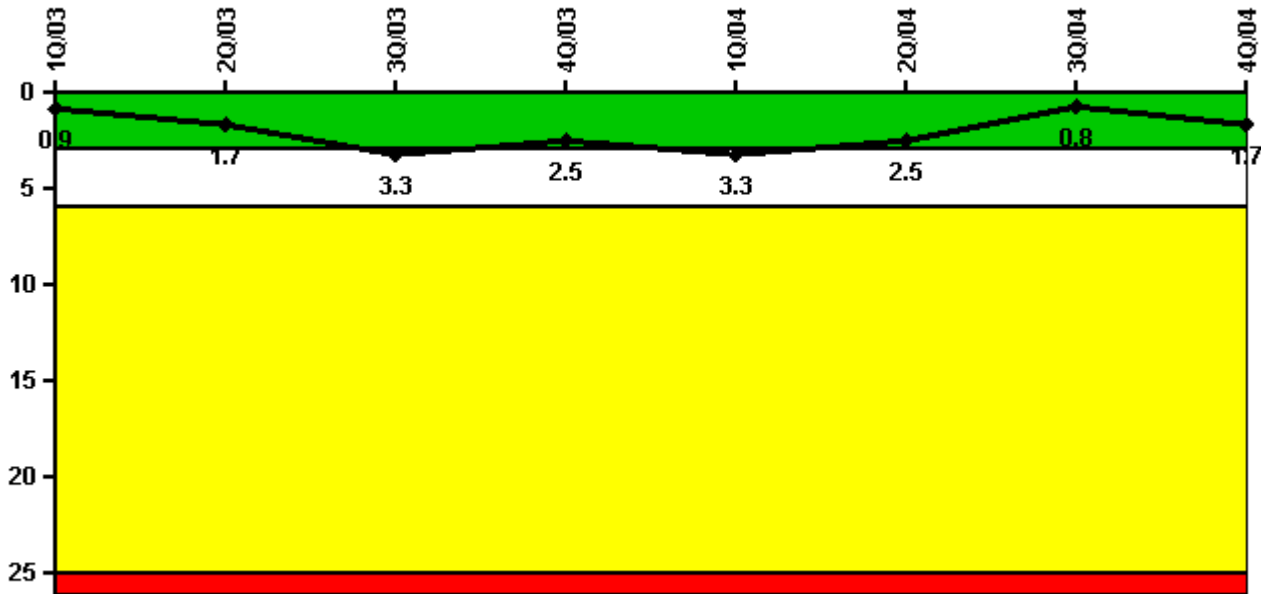
Last Modified: October 25, 2004

Peach Bottom 2

4Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

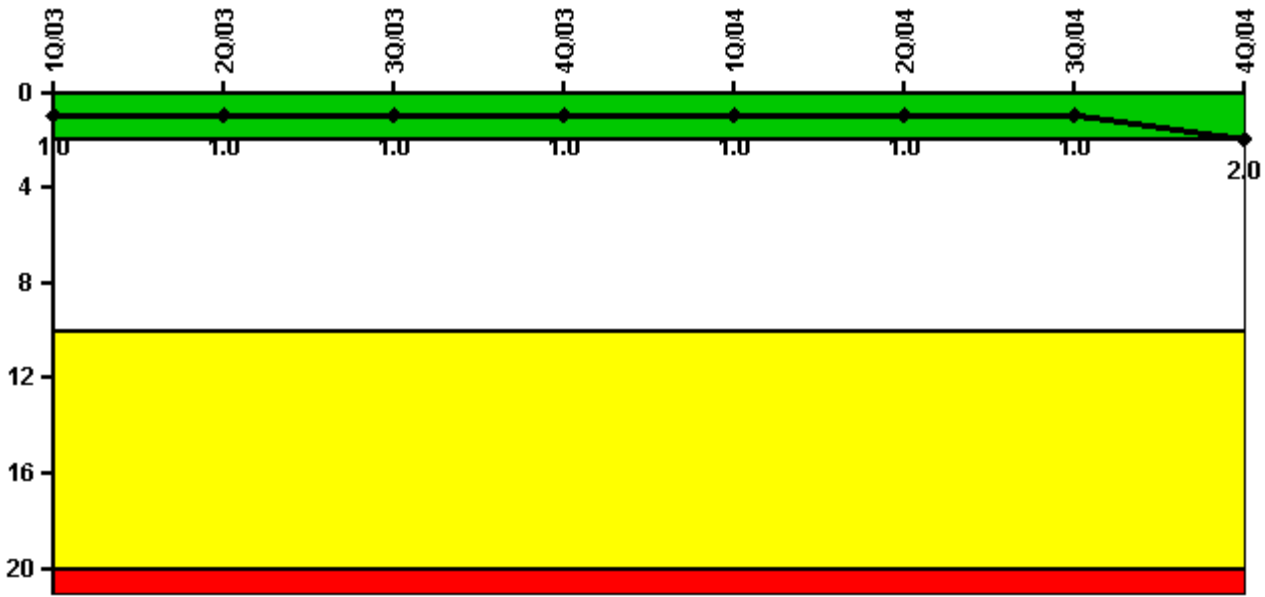
Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 1.0 | 2.0 | 0 | 1.0 | 0 | 0 | 1.0 |
| Critical hours | 2160.0 | 2154.8 | 1977.1 | 2209.0 | 2127.1 | 2183.0 | 1815.3 | 2020.5 |
| Indicator value | 0.9 | 1.7 | 3.3 | 2.5 | 3.3 | 2.5 | 0.8 | 1.7 |

Licensee Comments:

1Q/04: An unplanned scram occurred on Unit 2 due to low condenser vacuum on 2/22/04. The load reduction on 12/22/04 14:24 - 12/22/04 15:11 (max power: 100% min power 43%), should be excluded per NEI 99-02, because the unit experienced an unplanned manual scram due to the same issue, lowering condenser vacuum.

Scrams with Loss of Normal Heat Removal



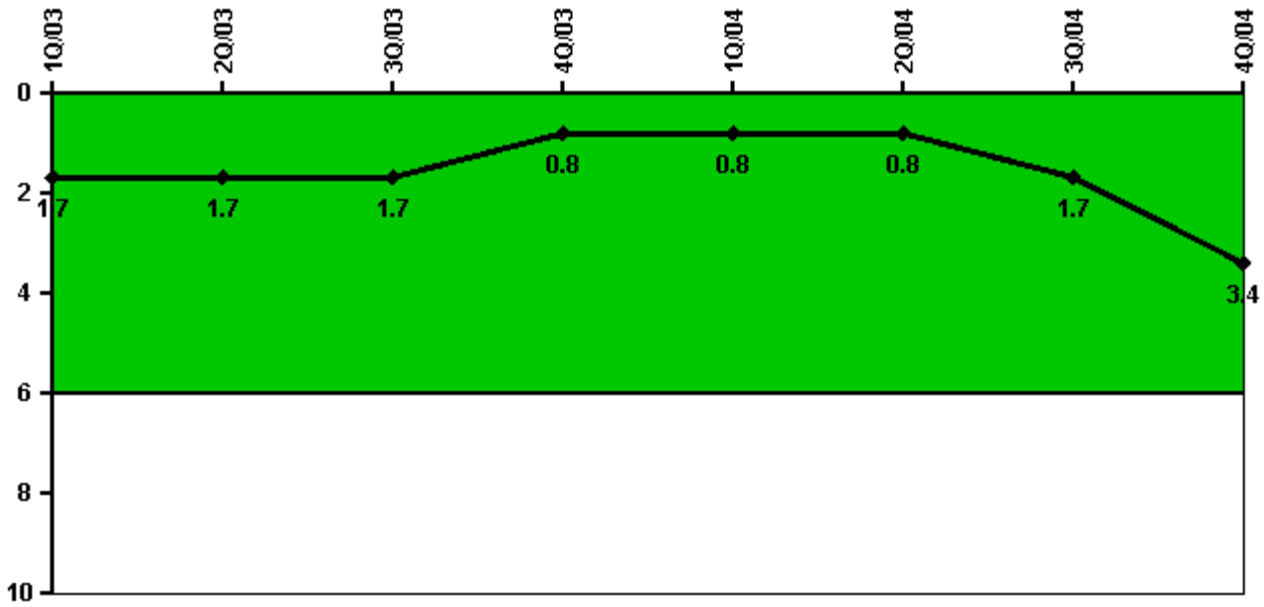
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Indicator value | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

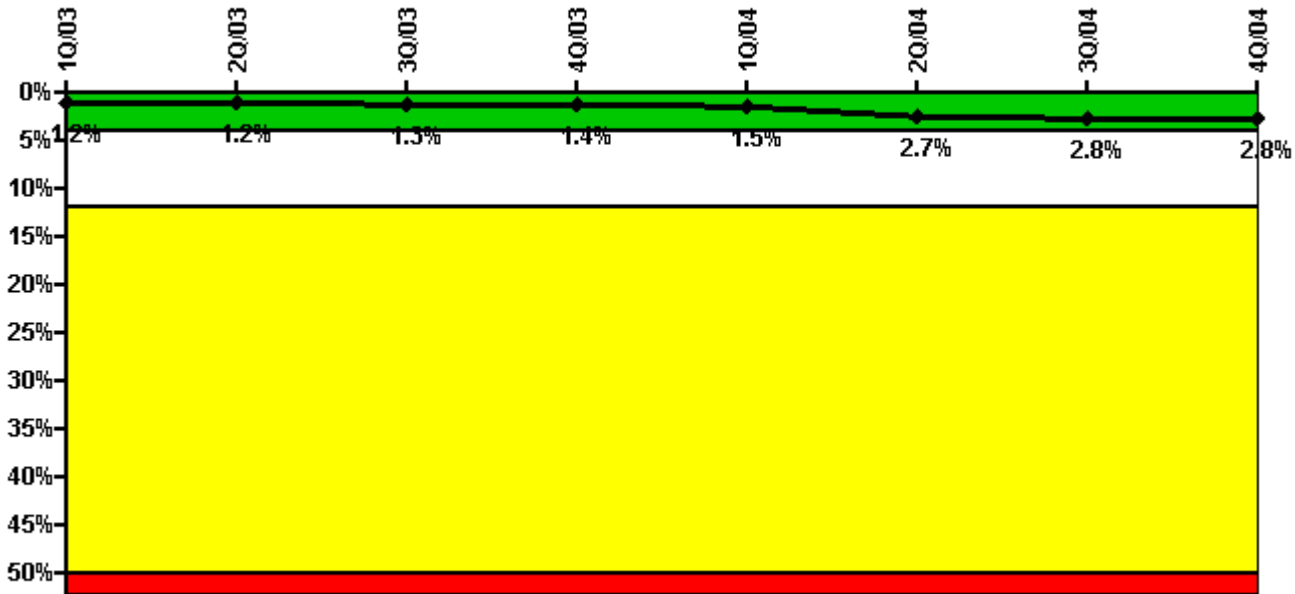
Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 1.0 | 0 | 0 | 0 | 1.0 | 0 | 1.0 | 2.0 |
| Critical hours | 2160.0 | 2154.8 | 1977.1 | 2209.0 | 2127.1 | 2183.0 | 1815.3 | 2020.5 |
| Indicator value | 1.7 | 1.7 | 1.7 | 0.8 | 0.8 | 0.8 | 1.7 | 3.4 |

Licensee Comments: none

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



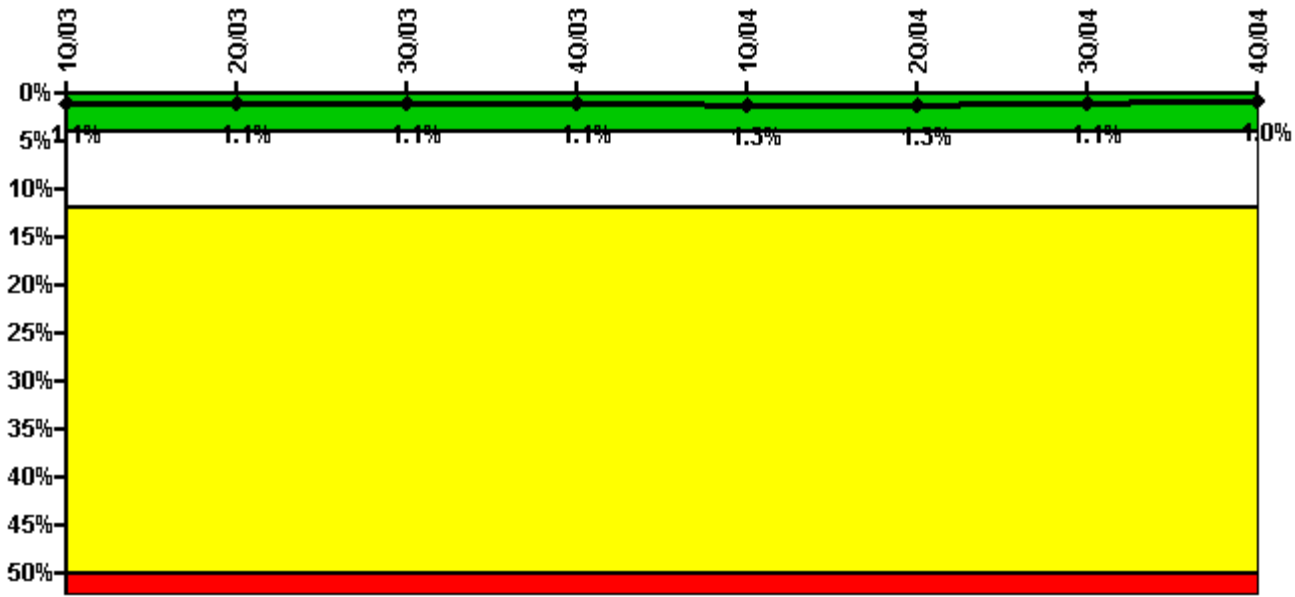
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 6.93 | 23.45 | 11.23 | 41.12 | 4.42 | 115.45 | 13.80 | 17.48 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 51.47 | 173.50 | 1.95 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2154.80 | 1977.09 | 2209.00 | 2127.07 | 2183.00 | 1815.28 | 2020.50 |
| Indicator value | 1.2% | 1.2% | 1.3% | 1.4% | 1.5% | 2.7% | 2.8% | 2.8% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



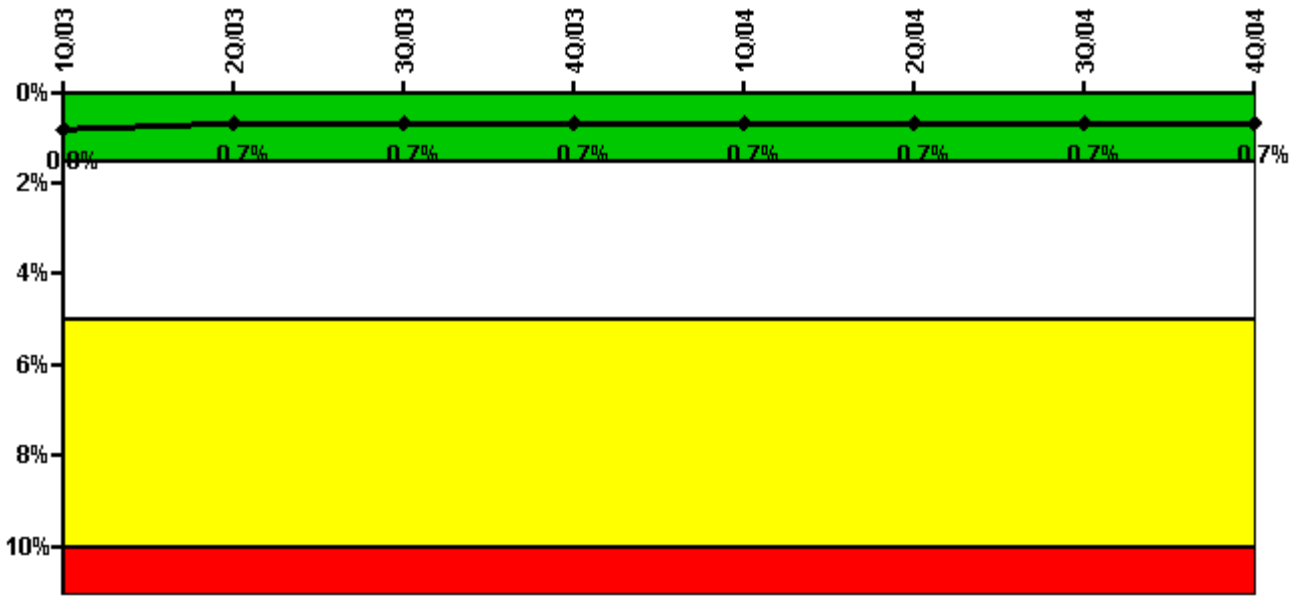
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 62.72 | 0.95 | 5.53 | 5.10 | 74.60 | 0 | 1.82 | 2.53 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2154.80 | 1977.09 | 2209.00 | 2127.07 | 2183.00 | 1815.28 | 2020.50 |
| | | | | | | | | |
| Indicator value | 1.1% | 1.1% | 1.1% | 1.1% | 1.3% | 1.3% | 1.1% | 1.0% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



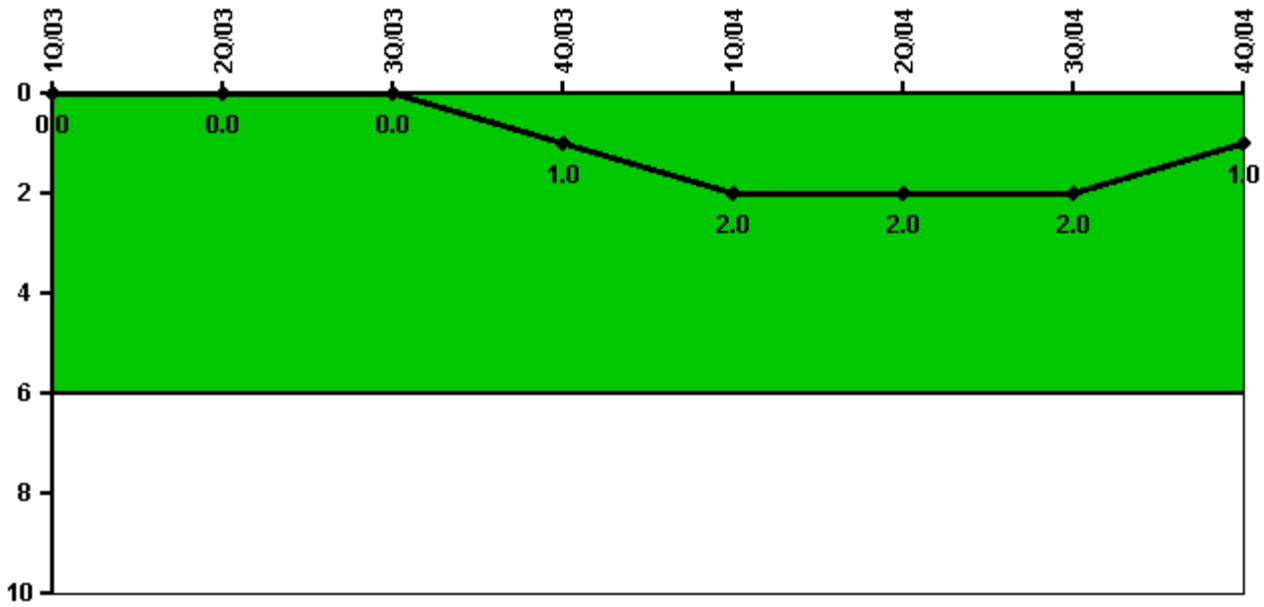
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 15.00 | 0 | 0 | 0 | 30.32 | 0 | 0 | 1.18 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 66.13 | 0 | 0 | 0 | 0 | 6.70 | 0 | 1.13 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2160.00 | 2183.00 | 2076.78 | 2209.00 | 2184.00 | 2183.00 | 1824.30 | 2103.40 |
| Indicator value | 0.8% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% |

Licensee Comments: none

Safety System Functional Failures (BWR)



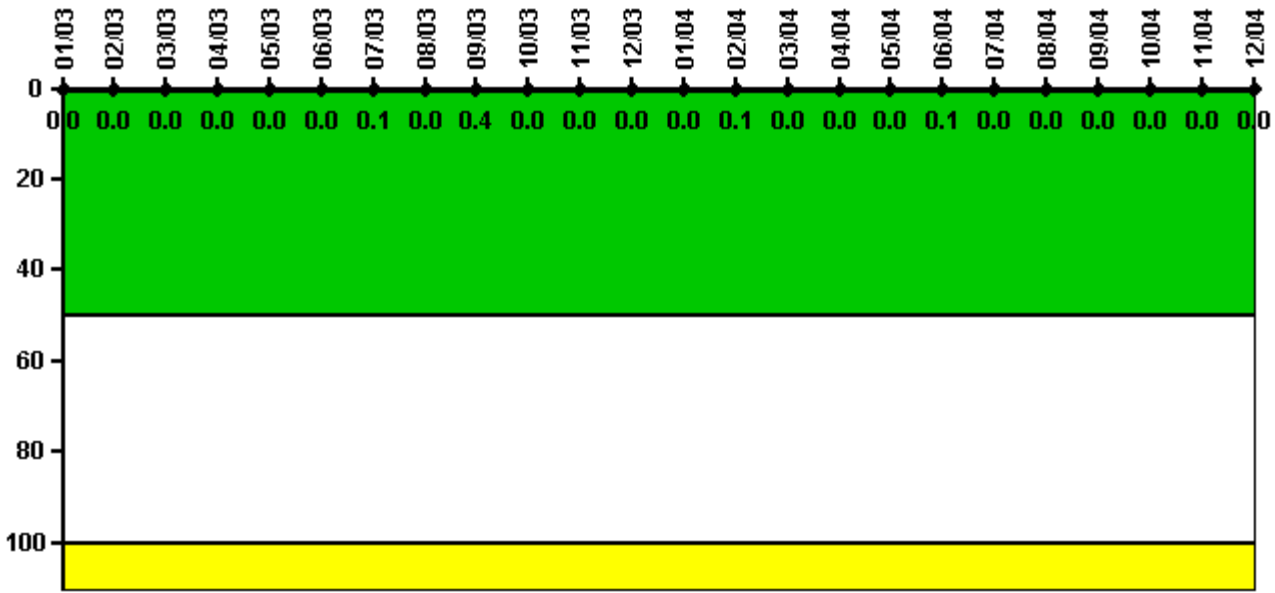
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 1 |

Licensee Comments: none

Reactor Coolant System Activity



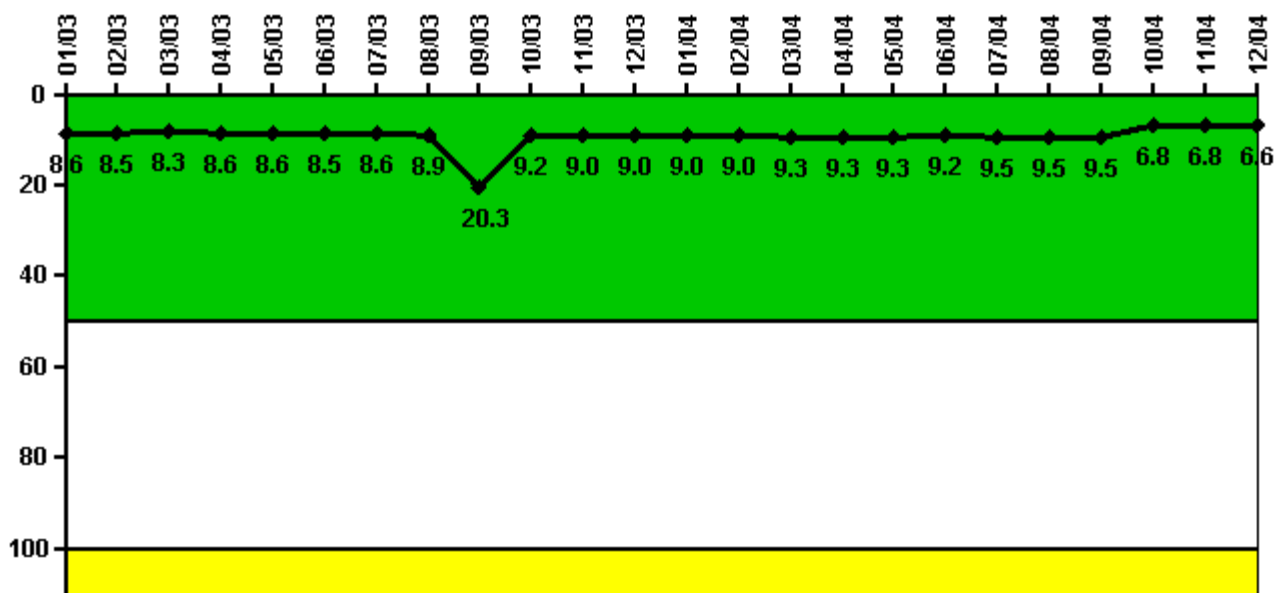
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000008 | 0.000003 | 0.000005 | 0.000002 | 0.000008 | 0.000009 | 0.000236 | 0.000024 | 0.000728 | 0.000021 | 0.000026 | 0.000015 |
| 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 | 0.1 | 0 | 0.4 | 0 | 0 | 0 |
| Reactor Coolant System Activity | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 |
| Maximum activity | 0.000017 | 0.000231 | 0.000043 | 0.000012 | 0.000030 | 0.000119 | 0.000023 | 0.000029 | 0.000015 | 0.000008 | 0.000002 | 0.000021 |
| 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 | 0.1 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

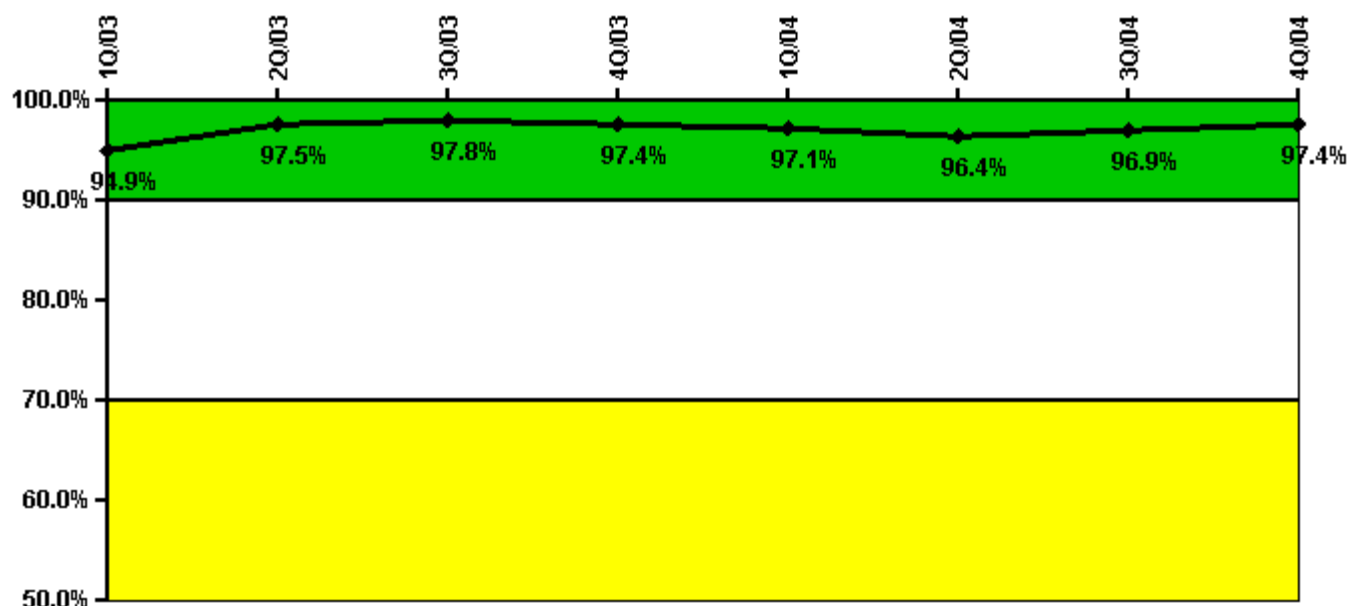
Notes

| Reactor Coolant System Leakage | 1/03 | 2/03 | 3/03 | 4/03 | 5/03 | 6/03 | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.140 | 2.130 | 2.080 | 2.140 | 2.140 | 2.130 | 2.140 | 2.230 | 5.070 | 2.290 | 2.250 | 2.250 |
| 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 | 8.6 | 8.5 | 8.3 | 8.6 | 8.6 | 8.5 | 8.6 | 8.9 | 20.3 | 9.2 | 9.0 | 9.0 |

| Reactor Coolant System Leakage | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.250 | 2.250 | 2.320 | 2.330 | 2.330 | 2.310 | 2.370 | 2.380 | 2.380 | 1.710 | 1.710 | 1.650 |
| 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 | 9.0 | 9.0 | 9.3 | 9.3 | 9.3 | 9.2 | 9.5 | 9.5 | 9.5 | 6.8 | 6.8 | 6.6 |

Licensee Comments: none

Drill/Exercise Performance



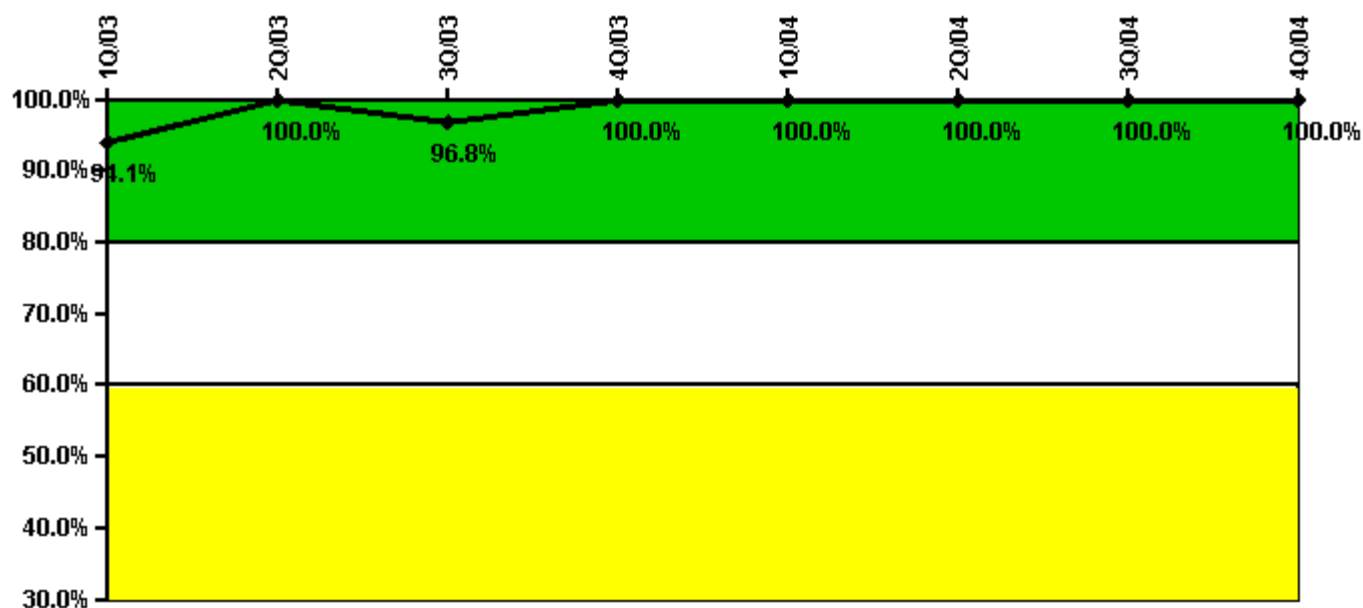
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 18.0 | 57.0 | 20.0 | 21.0 | 49.0 | 36.0 | 36.0 | 24.0 |
| Total opportunities | 18.0 | 58.0 | 20.0 | 22.0 | 50.0 | 40.0 | 36.0 | 24.0 |
| Indicator value | 94.9% | 97.5% | 97.8% | 97.4% | 97.1% | 96.4% | 96.9% | 97.4% |

Licensee Comments: none

ERO Drill Participation



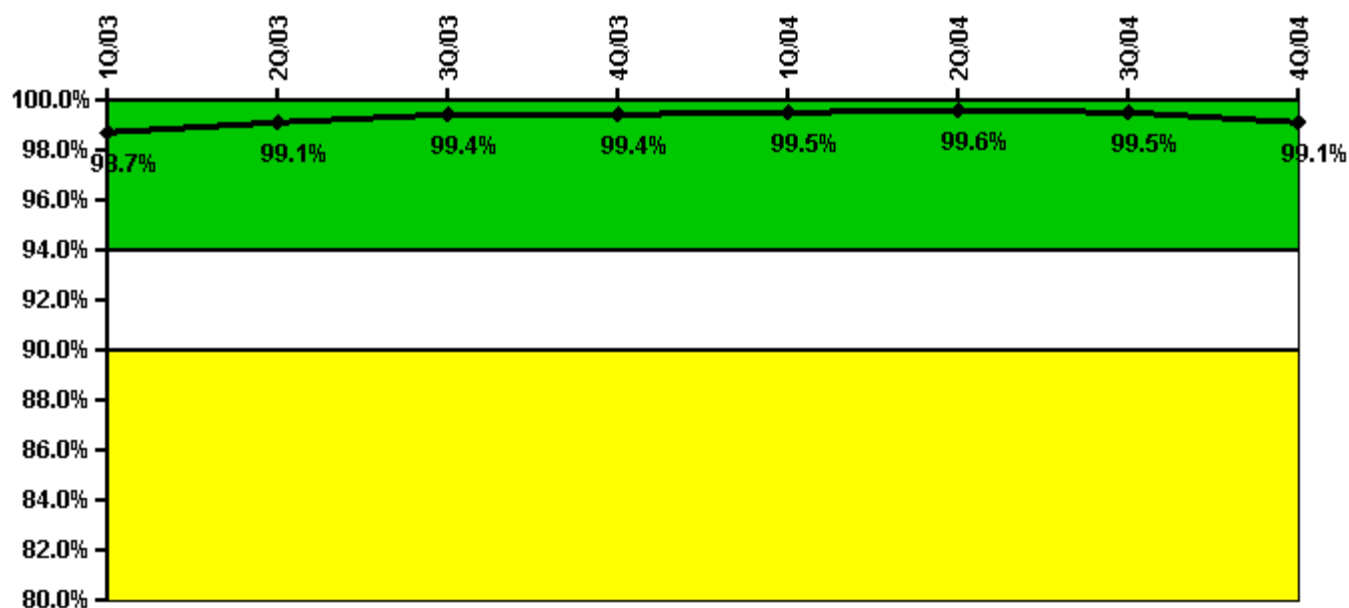
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|-----------------------------|-------|--------|-------|--------|--------|--------|--------|--------|
| Participating Key personnel | 48.0 | 53.0 | 60.0 | 61.0 | 68.0 | 69.0 | 69.0 | 75.0 |
| Total Key personnel | 51.0 | 53.0 | 62.0 | 61.0 | 68.0 | 69.0 | 69.0 | 75.0 |
| Indicator value | 94.1% | 100.0% | 96.8% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



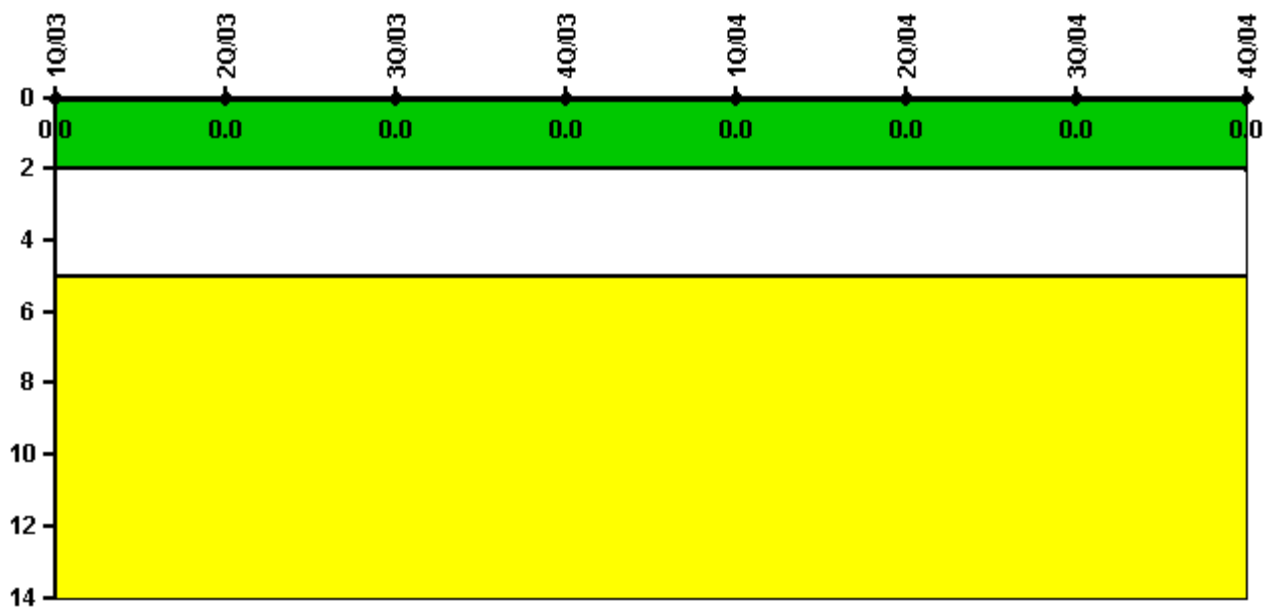
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1251 | 1254 | 1254 | 1353 | 1254 | 1258 | 1248 | 1240 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1358 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 98.7% | 99.1% | 99.4% | 99.4% | 99.5% | 99.6% | 99.5% | 99.1% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



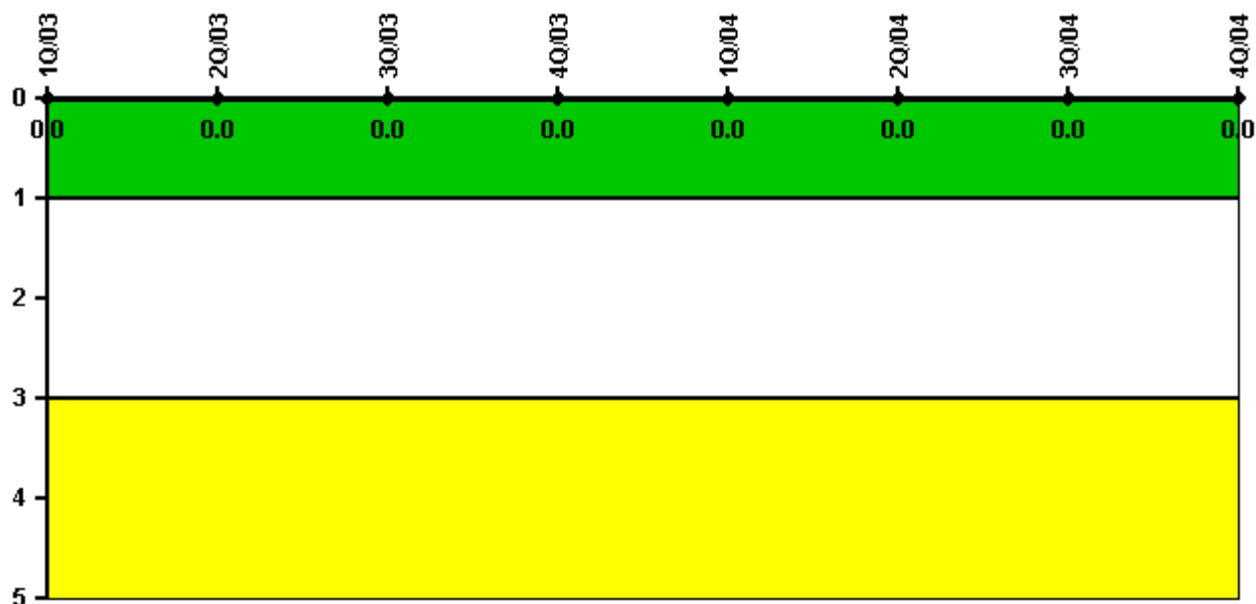
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1Q/03 | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.

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

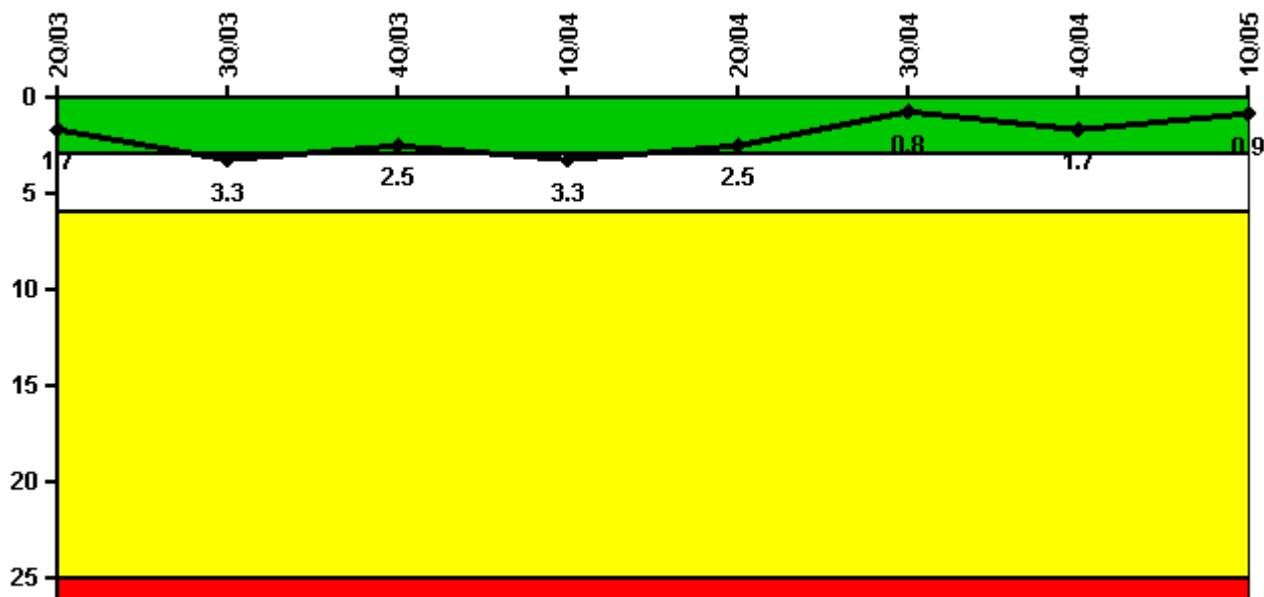
Last Modified: March 9, 2005

Peach Bottom 2

1Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



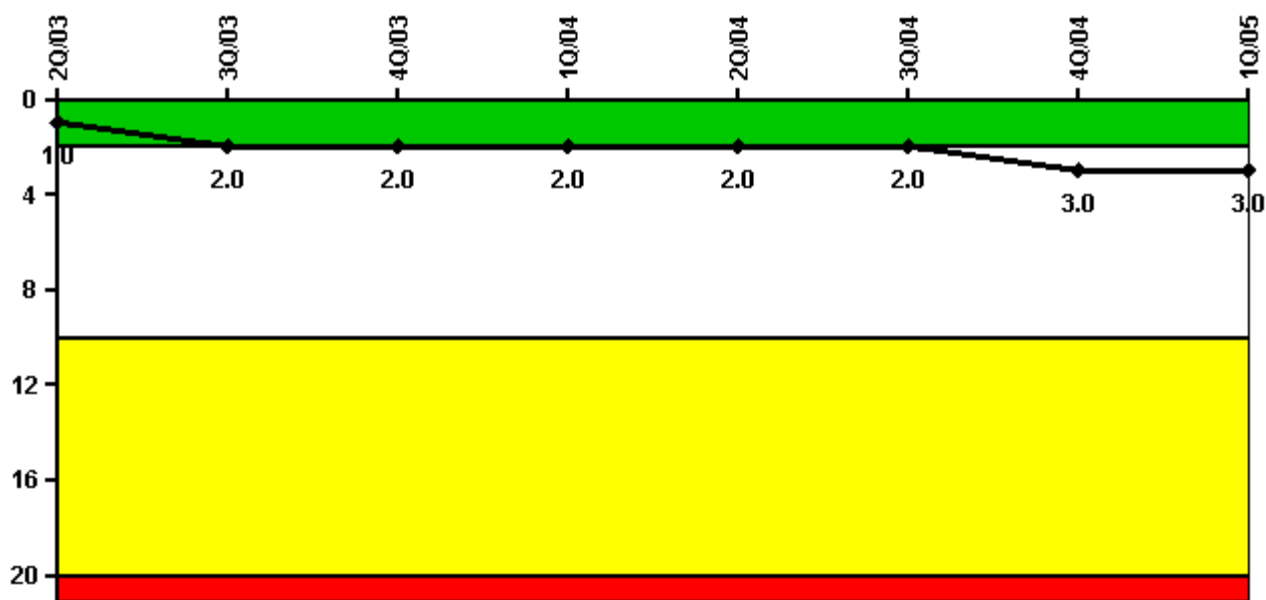
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 1.0 | 2.0 | 0 | 1.0 | 0 | 0 | 1.0 | 0 |
| Critical hours | 2154.8 | 1977.1 | 2209.0 | 2127.1 | 2183.0 | 1815.3 | 2020.5 | 2108.9 |
| Indicator value | 1.7 | 3.3 | 2.5 | 3.3 | 2.5 | 0.8 | 1.7 | 0.9 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

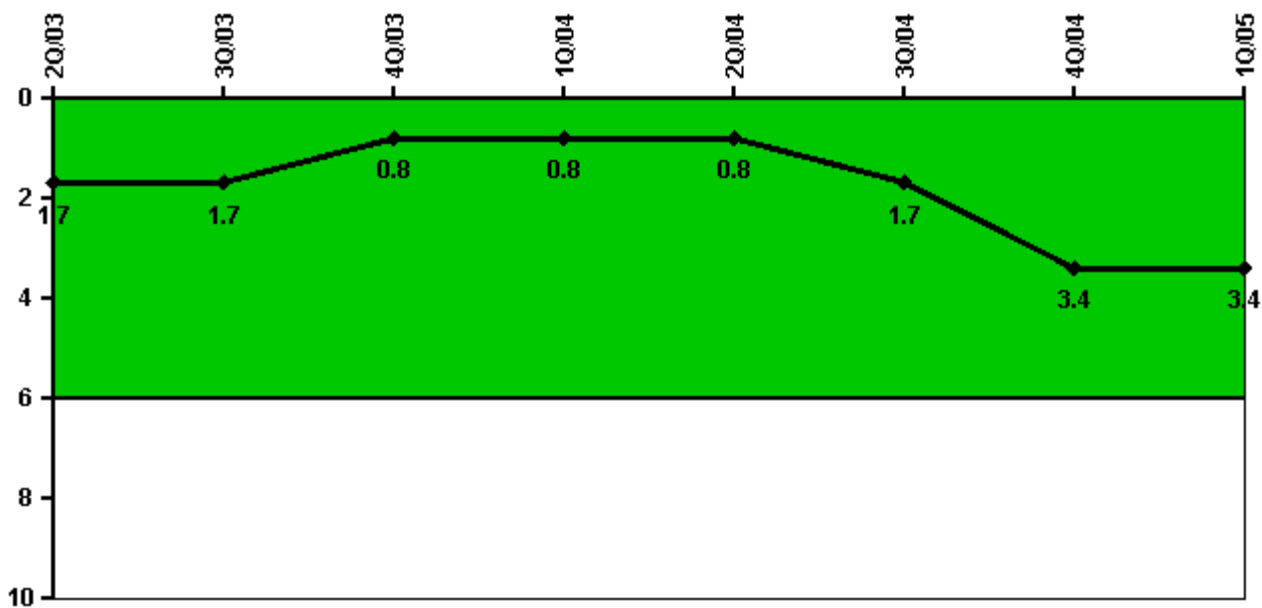
Notes

| Scrams with Loss of Normal Heat Removal | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 1.0 | 0 | 0 | 0 | 0 | 1.0 | 0 |
| Indicator value | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 |

Licensee Comments:

3Q/03: FAQ 36.2 was rejected by the NRC on 5/19/05 requiring the July 2003 scram to be counted as a LNHR scram. PI entered the NRC White region in 4Q04 as a result of a scram w/ LOHR that occurred on 12/22/04.

Unplanned Power Changes per 7000 Critical Hrs



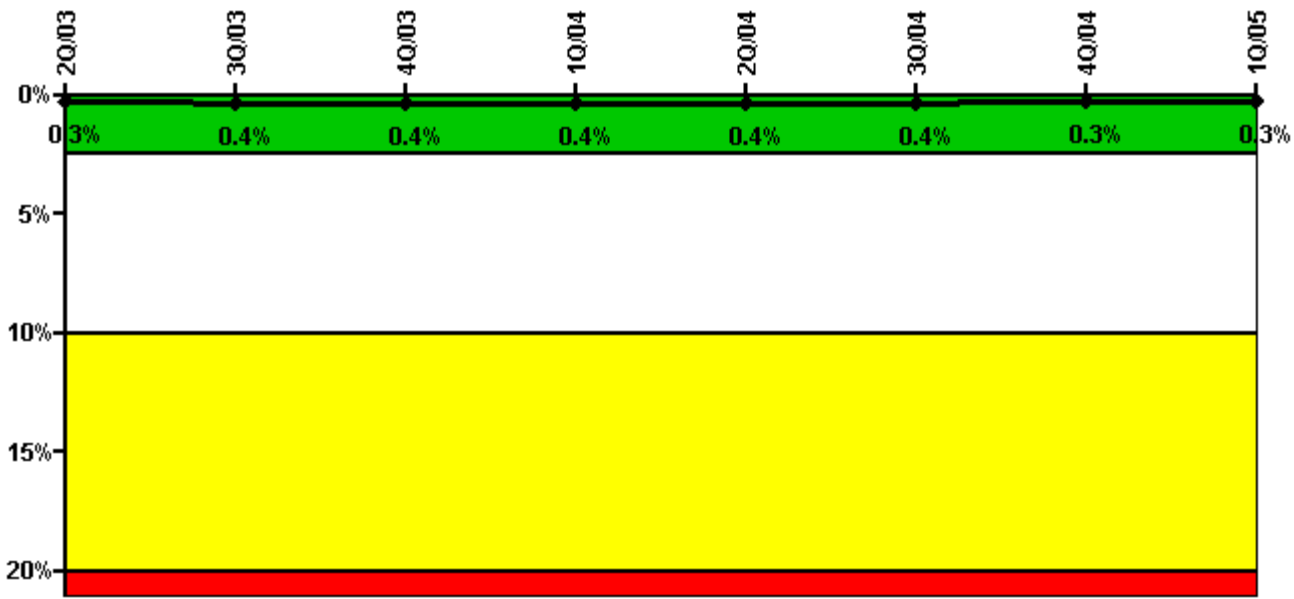
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 1.0 | 0 | 1.0 | 2.0 | 1.0 |
| Critical hours | 2154.8 | 1977.1 | 2209.0 | 2127.1 | 2183.0 | 1815.3 | 2020.5 | 2108.9 |
| Indicator value | 1.7 | 1.7 | 0.8 | 0.8 | 0.8 | 1.7 | 3.4 | 3.4 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



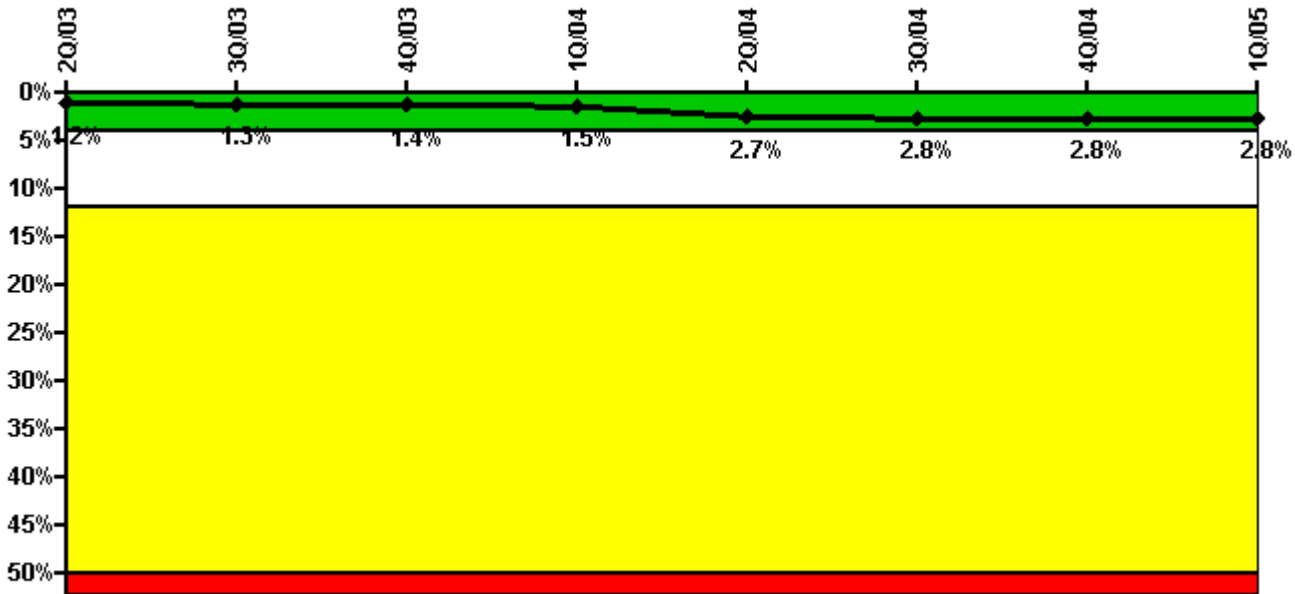
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 12.75 | 15.50 | 0 | 37.25 | 0 | 8.50 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2012.25 | 2209.00 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0.50 | 13.50 | 17.00 | 0 | 0 | 0 | 0 | 10.50 |
| Unplanned unavailable hours | 0 | 26.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2076.00 | 2209.00 | 2184.00 | 2183.00 | 2020.25 | 2061.50 | 2160.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 6.75 | 0 | 11.50 | 0 | 0 | 48.50 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2012.25 | 2209.00 | 2160.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 13.00 | 7.25 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 20.50 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2076.00 | 2209.00 | 2184.00 | 2183.00 | 2020.25 | 2061.50 | 2160.00 |
| Indicator value | 0.3% | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.3% | 0.3% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



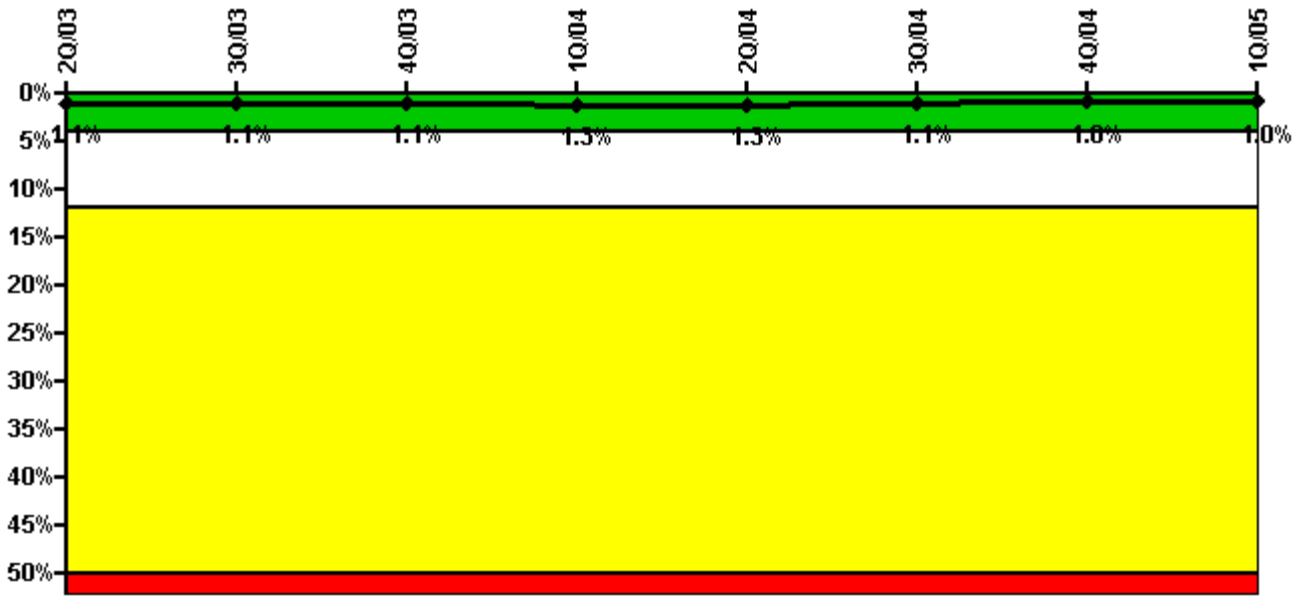
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 23.45 | 11.23 | 41.12 | 4.42 | 115.45 | 13.80 | 17.48 | 2.05 |
| Unplanned unavailable hours | 0 | 0 | 0 | 51.47 | 173.50 | 1.95 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2154.80 | 1977.09 | 2209.00 | 2127.07 | 2183.00 | 1815.28 | 2020.50 | 2108.90 |
| Indicator value | 1.2% | 1.3% | 1.4% | 1.5% | 2.7% | 2.8% | 2.8% | 2.8% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



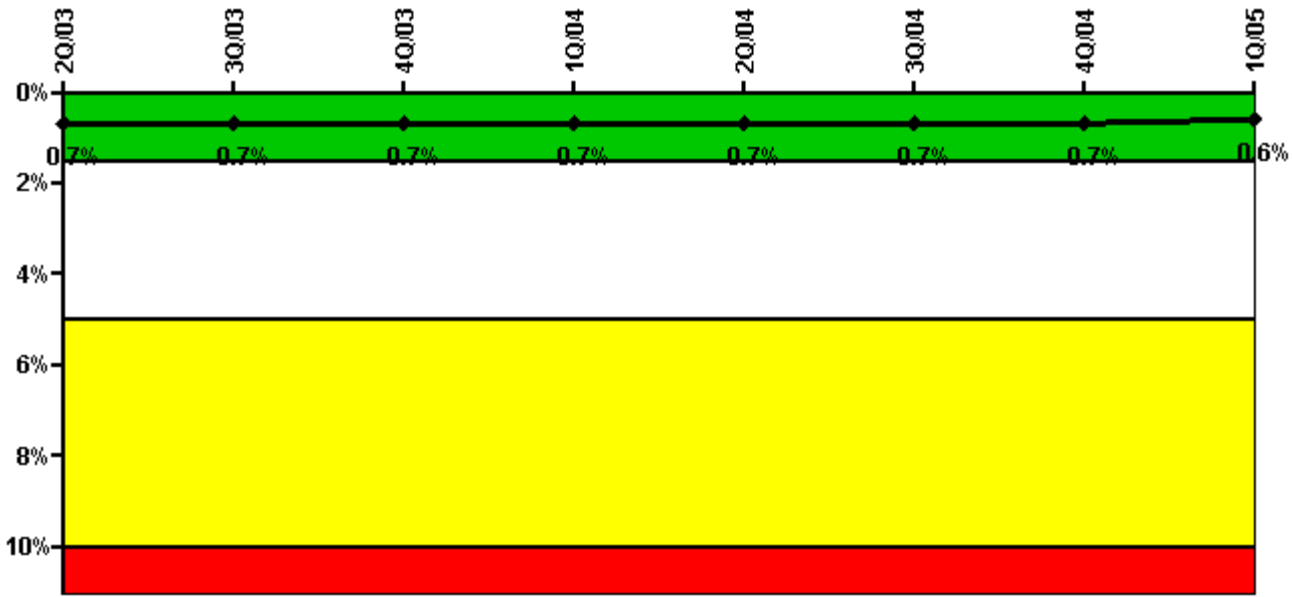
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0.95 | 5.53 | 5.10 | 74.60 | 0 | 1.82 | 2.53 | 2.00 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2154.80 | 1977.09 | 2209.00 | 2127.07 | 2183.00 | 1815.28 | 2020.50 | 2108.90 |
| | | | | | | | | |
| Indicator value | 1.1% | 1.1% | 1.1% | 1.3% | 1.3% | 1.1% | 1.0% | 1.0% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



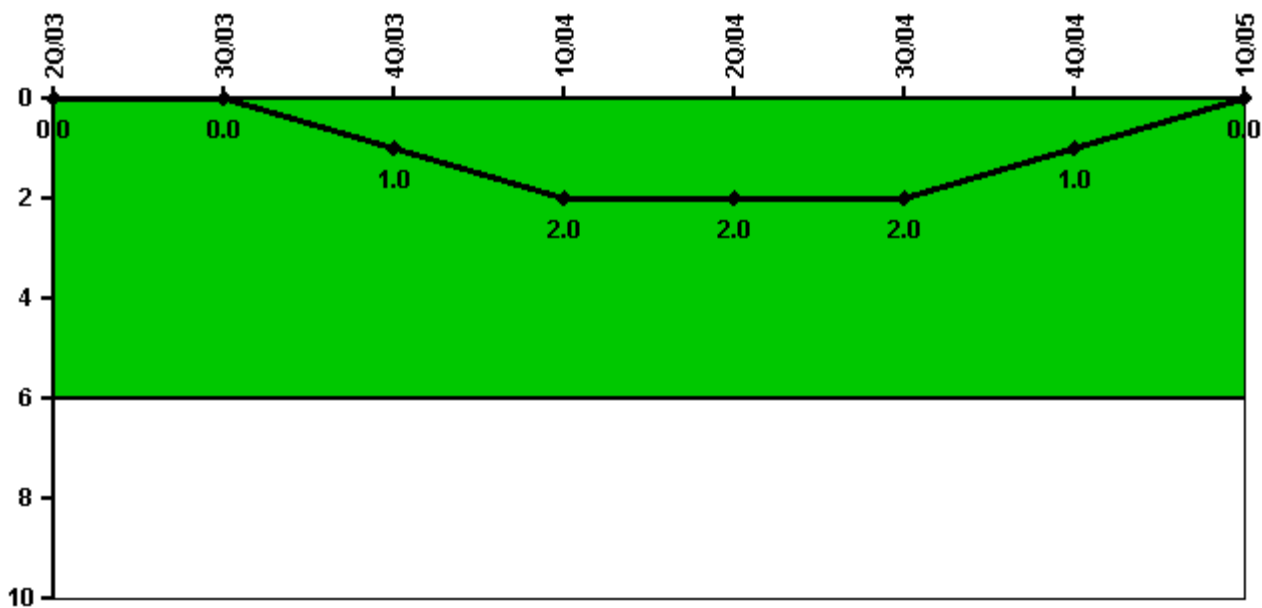
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 30.32 | 0 | 0 | 1.18 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 6.70 | 0 | 1.13 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2076.78 | 2209.00 | 2184.00 | 2183.00 | 1824.30 | 2103.40 | 2125.40 |
| Indicator value | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% |

Licensee Comments: none

Safety System Functional Failures (BWR)



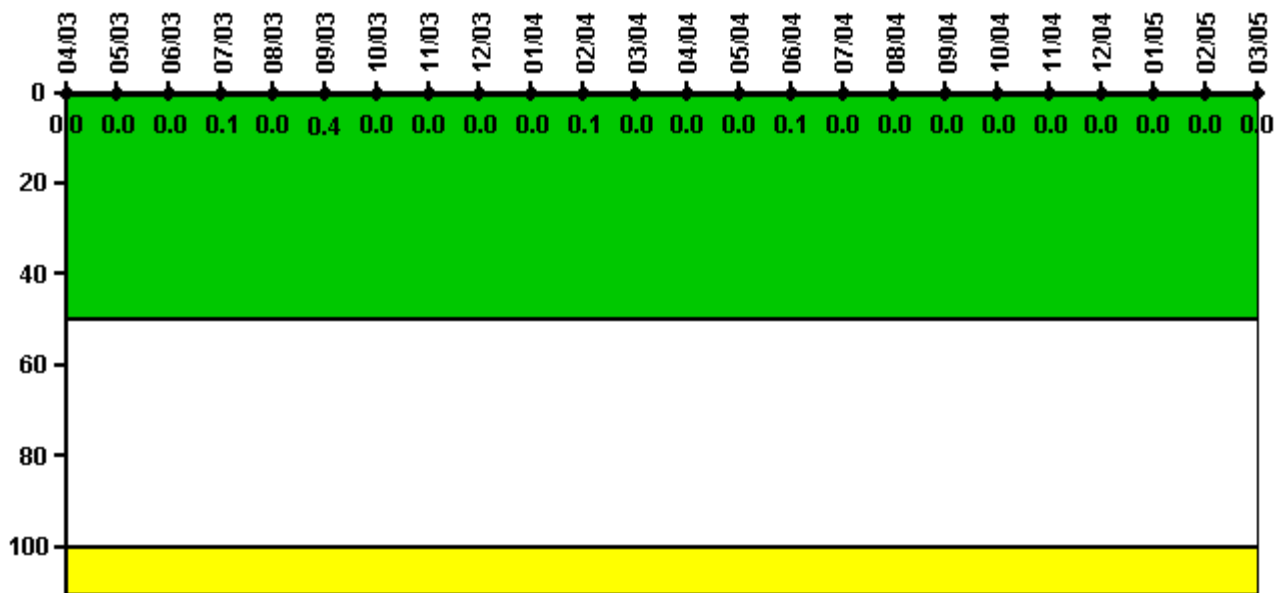
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 1 | 2 | 2 | 2 | 1 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



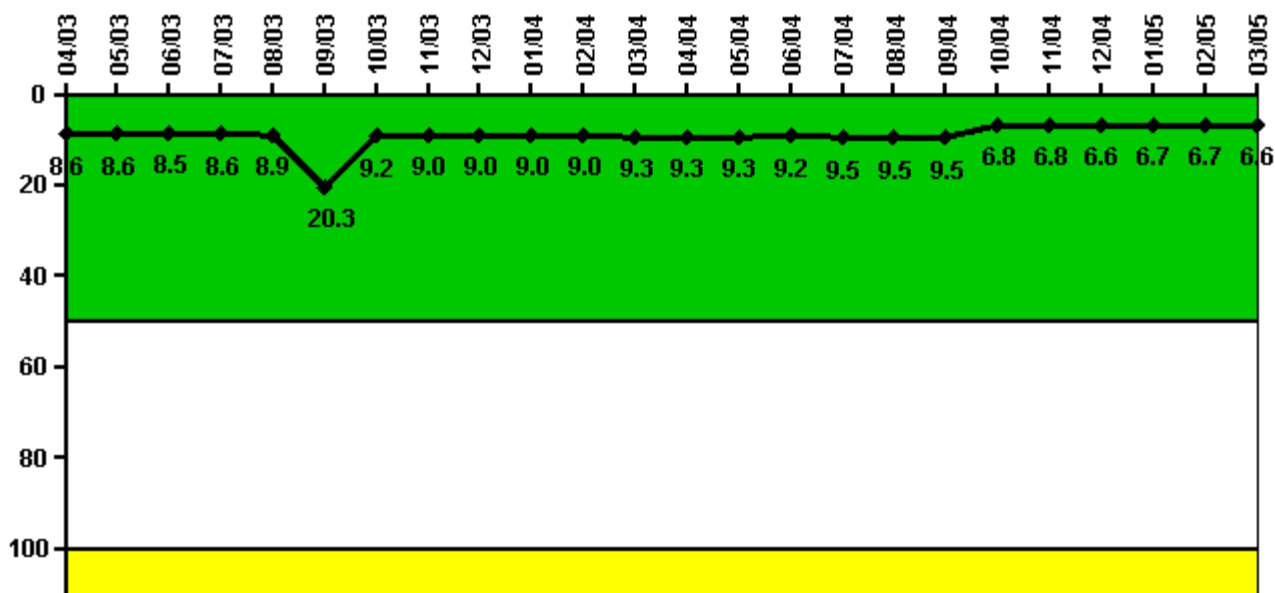
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 4/03 | 5/03 | 6/03 | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 |
|---------------------------------|----------|----------|------------|------------|----------|------------|----------|----------|----------|----------|------------|----------|
| Maximum activity | 0.000002 | 0.000008 | 0.000009 | 0.000236 | 0.000024 | 0.000728 | 0.000021 | 0.000026 | 0.000015 | 0.000017 | 0.000231 | 0.000043 |
| 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 | 0.1 | 0 | 0.4 | 0 | 0 | 0 | 0 | 0.1 | 0 |
| Reactor Coolant System Activity | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 |
| Maximum activity | 0.000012 | 0.000030 | 0.000119 | 0.000023 | 0.000029 | 0.000015 | 0.000008 | 0.000002 | 0.000021 | 0.000016 | 0.000017 | 0.000026 |
| 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 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

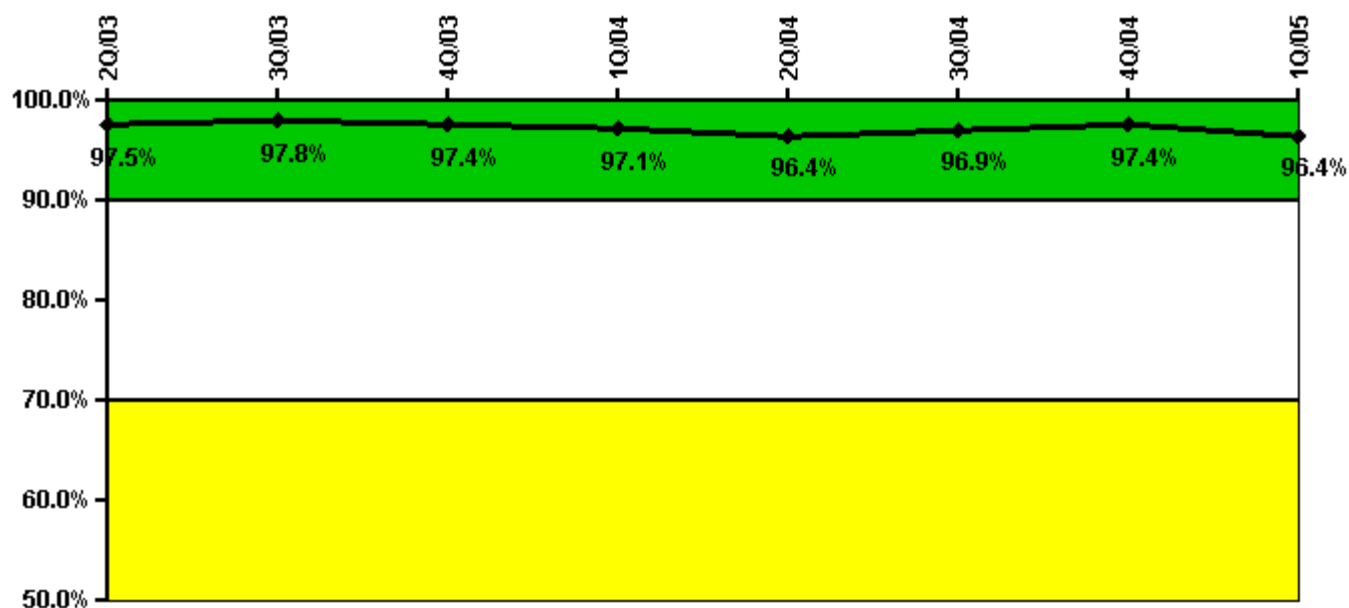
Notes

| Reactor Coolant System Leakage | 4/03 | 5/03 | 6/03 | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.140 | 2.140 | 2.130 | 2.140 | 2.230 | 5.070 | 2.290 | 2.250 | 2.250 | 2.250 | 2.250 | 2.320 |
| 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 | 8.6 | 8.6 | 8.5 | 8.6 | 8.9 | 20.3 | 9.2 | 9.0 | 9.0 | 9.0 | 9.0 | 9.3 |

| Reactor Coolant System Leakage | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.330 | 2.330 | 2.310 | 2.370 | 2.380 | 2.380 | 1.710 | 1.710 | 1.650 | 1.680 | 1.670 | 1.650 |
| 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 | 9.3 | 9.3 | 9.2 | 9.5 | 9.5 | 9.5 | 6.8 | 6.8 | 6.6 | 6.7 | 6.7 | 6.6 |

Licensee Comments: none

Drill/Exercise Performance



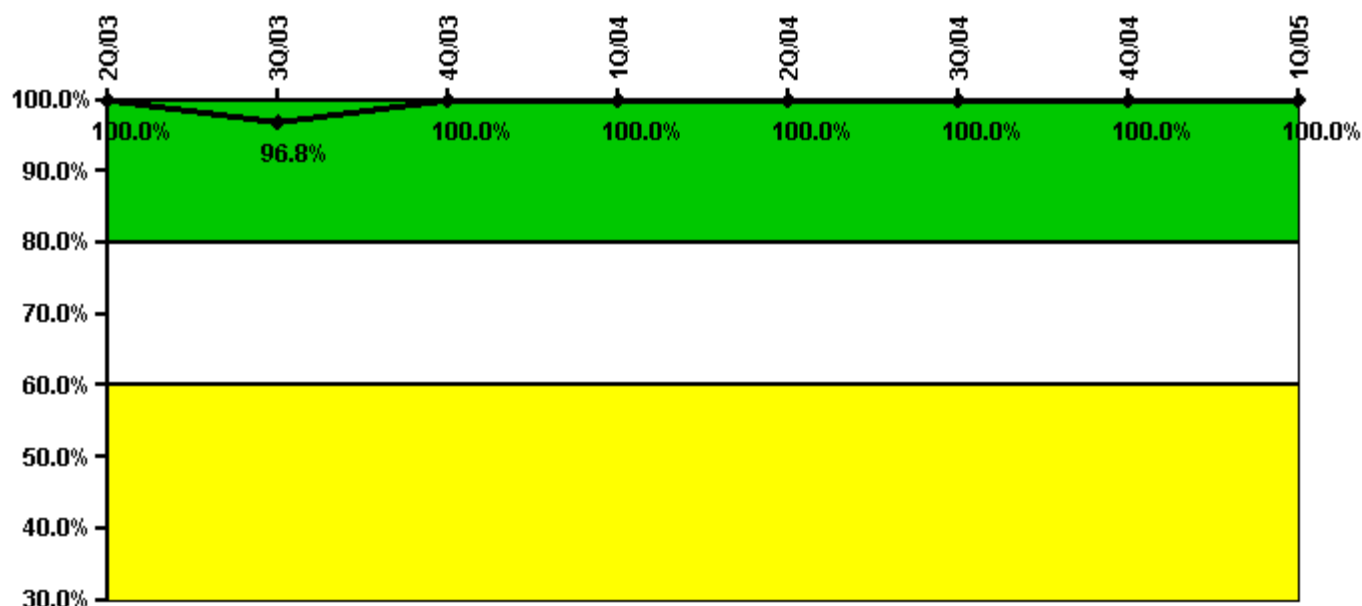
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 57.0 | 20.0 | 21.0 | 49.0 | 36.0 | 36.0 | 24.0 | 27.0 |
| Total opportunities | 58.0 | 20.0 | 22.0 | 50.0 | 40.0 | 36.0 | 24.0 | 30.0 |
| Indicator value | 97.5% | 97.8% | 97.4% | 97.1% | 96.4% | 96.9% | 97.4% | 96.4% |

Licensee Comments: none

ERO Drill Participation



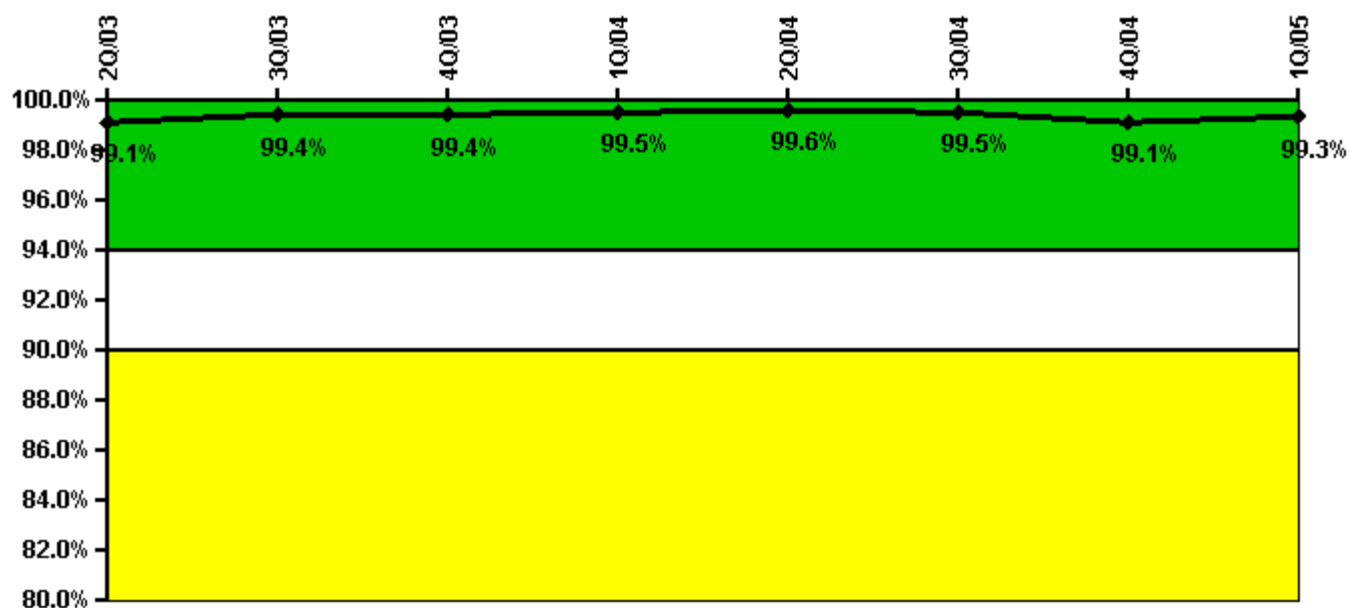
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|-----------------------------|--------|-------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 53.0 | 60.0 | 61.0 | 68.0 | 69.0 | 69.0 | 75.0 | 79.0 |
| Total Key personnel | 53.0 | 62.0 | 61.0 | 68.0 | 69.0 | 69.0 | 75.0 | 79.0 |
| Indicator value | 100.0% | 96.8% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



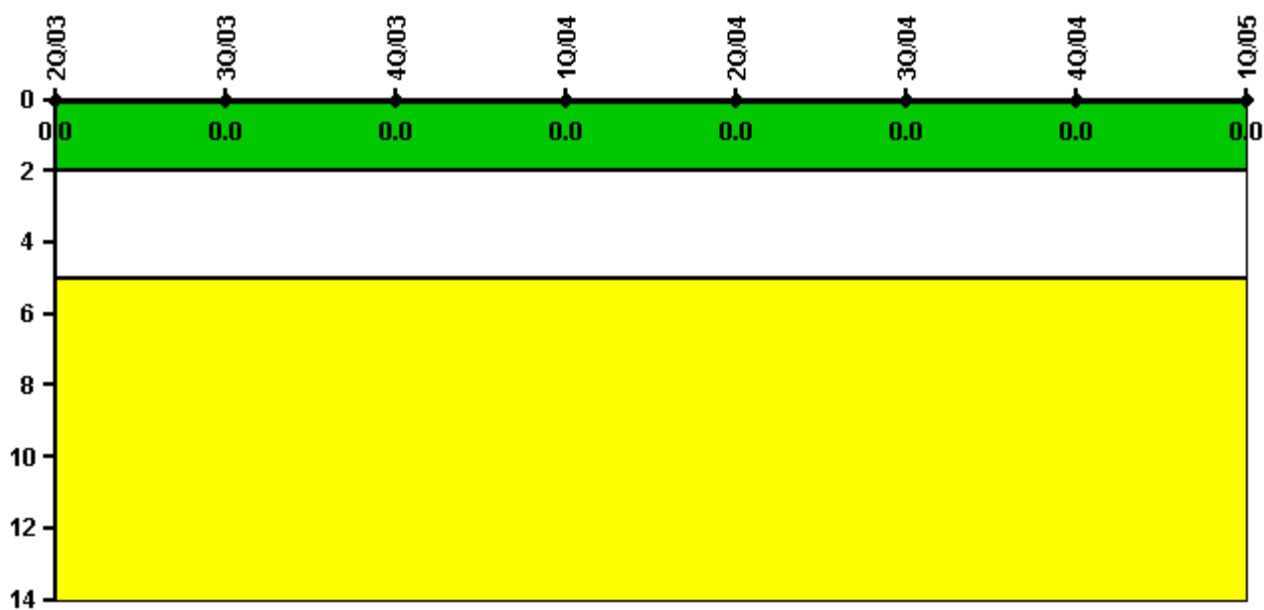
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1254 | 1254 | 1353 | 1254 | 1258 | 1248 | 1240 | 1238 |
| Total sirens-tests | 1261 | 1261 | 1358 | 1261 | 1261 | 1261 | 1261 | 1238 |
| Indicator value | 99.1% | 99.4% | 99.4% | 99.5% | 99.6% | 99.5% | 99.1% | 99.3% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



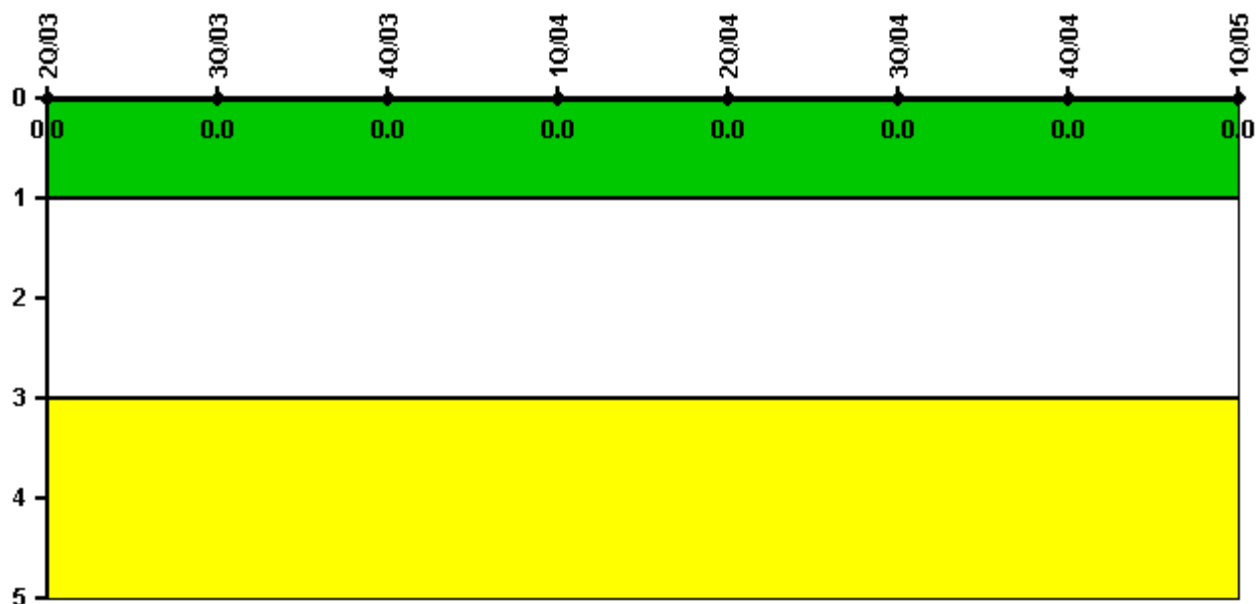
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/03 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.

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

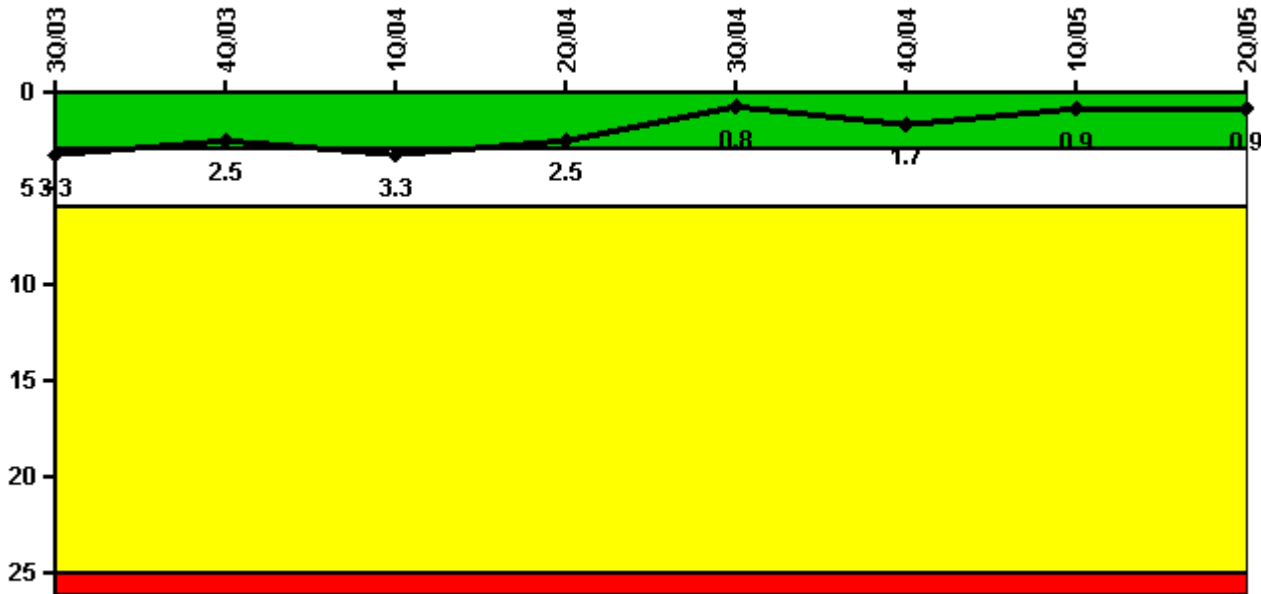
Last Modified: July 11, 2005

Peach Bottom 2

2Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



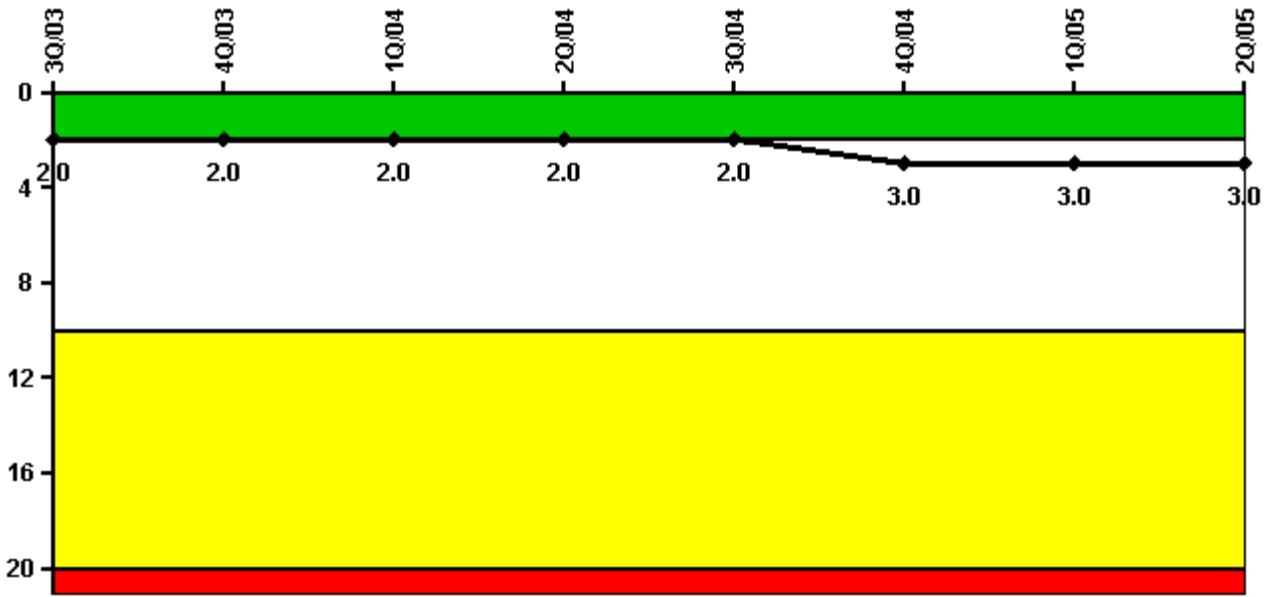
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 2.0 | 0 | 1.0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 1977.1 | 2209.0 | 2127.1 | 2183.0 | 1815.3 | 2020.5 | 2108.9 | 2183.0 |
| Indicator value | 3.3 | 2.5 | 3.3 | 2.5 | 0.8 | 1.7 | 0.9 | 0.9 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

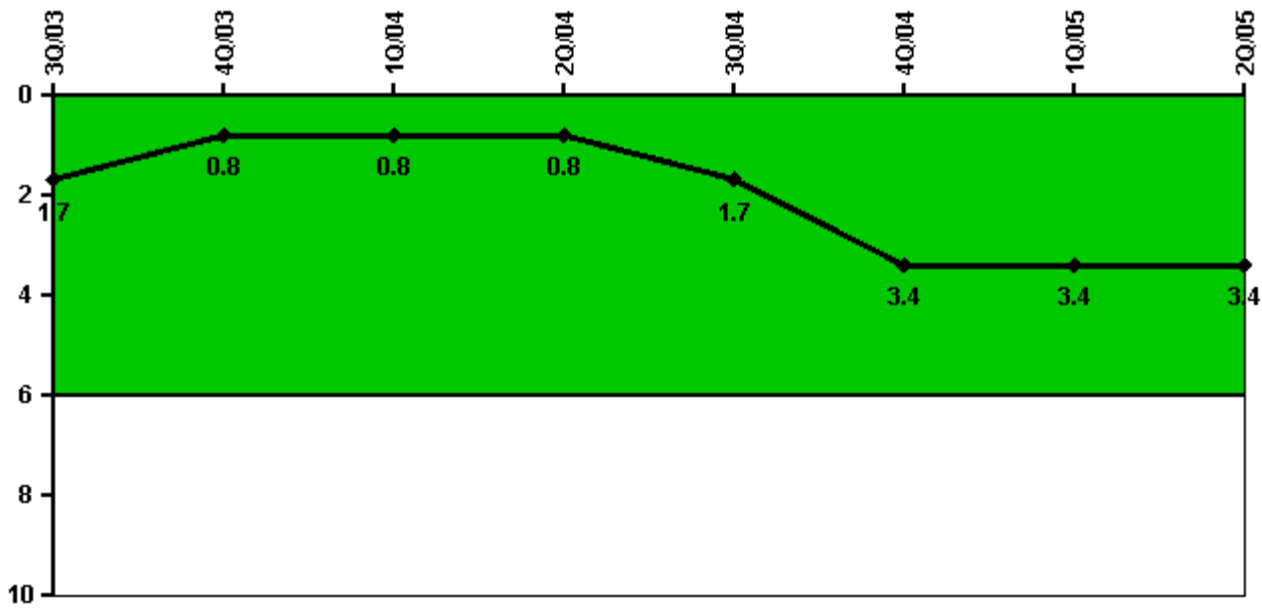
Notes

| Scrams with Loss of Normal Heat Removal | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 1.0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Indicator value | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 |

Licensee Comments:

3Q/03: FAQ 36.2 was rejected by the NRC on 5/19/05 requiring the July 2003 scram to be counted as a LNHR scram. PI entered the NRC White region in 4Q04 as a result of a scram w/ LOHR that occurred on 12/22/04.

Unplanned Power Changes per 7000 Critical Hrs



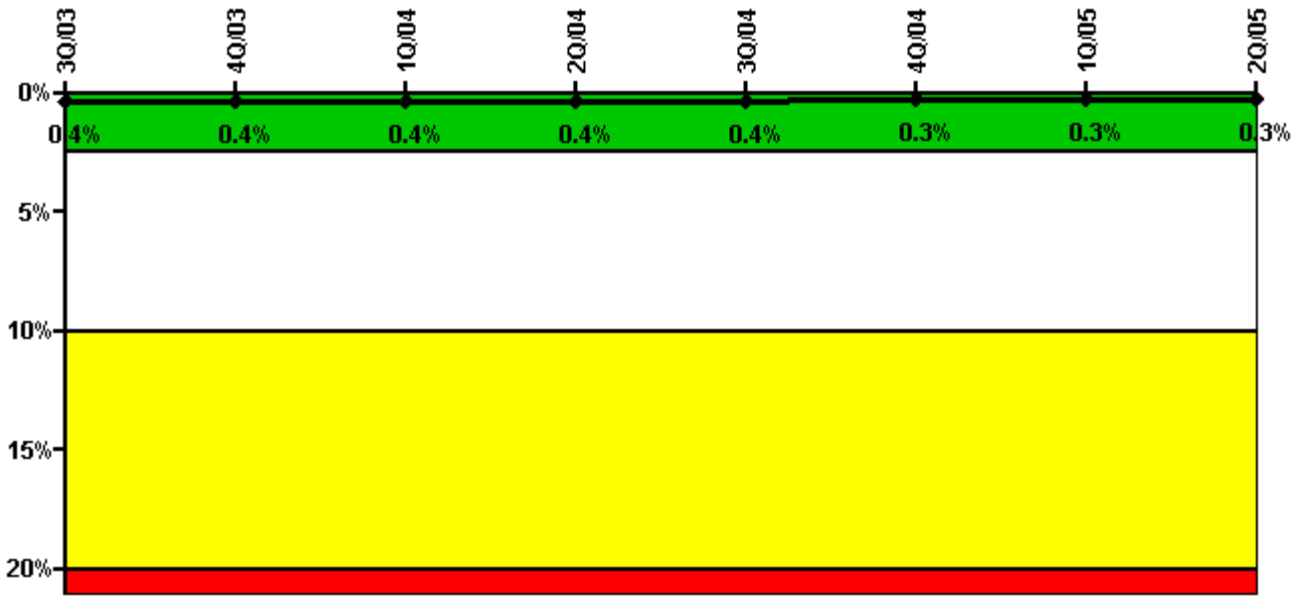
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 1.0 | 0 | 1.0 | 2.0 | 1.0 | 0 |
| Critical hours | 1977.1 | 2209.0 | 2127.1 | 2183.0 | 1815.3 | 2020.5 | 2108.9 | 2183.0 |
| Indicator value | 1.7 | 0.8 | 0.8 | 0.8 | 1.7 | 3.4 | 3.4 | 3.4 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



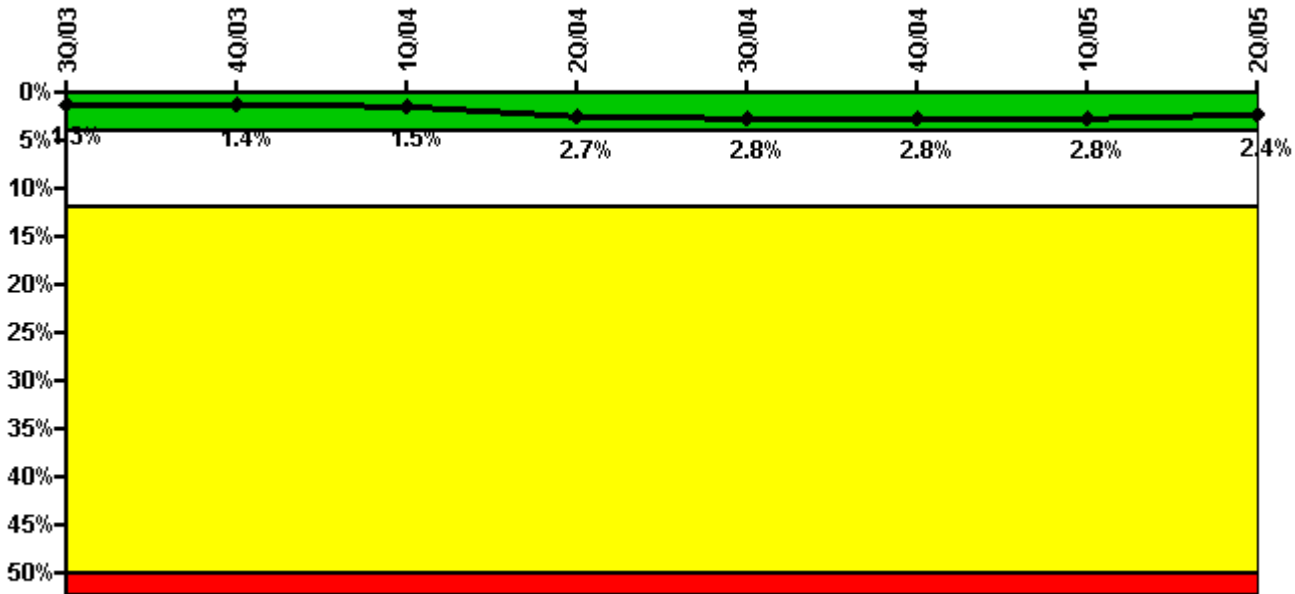
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 12.75 | 15.50 | 0 | 37.25 | 0 | 8.50 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6.75 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2012.25 | 2209.00 | 2160.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 13.50 | 17.00 | 0 | 0 | 0 | 0 | 10.50 | 1.00 |
| Unplanned unavailable hours | 26.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2076.00 | 2209.00 | 2184.00 | 2183.00 | 2020.25 | 2061.50 | 2160.00 | 2183.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 11.50 | 0 | 0 | 48.50 | 0 | 0 | 0.50 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2012.25 | 2209.00 | 2160.00 | 2183.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 13.00 | 7.25 | 0 | 0 | 0 | 0 | 0 | 0.75 |
| Unplanned unavailable hours | 0 | 20.50 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2076.00 | 2209.00 | 2184.00 | 2183.00 | 2020.25 | 2061.50 | 2160.00 | 2183.00 |
| Indicator value | 0.4% | 0.4% | 0.4% | 0.4% | 0.4% | 0.3% | 0.3% | 0.3% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



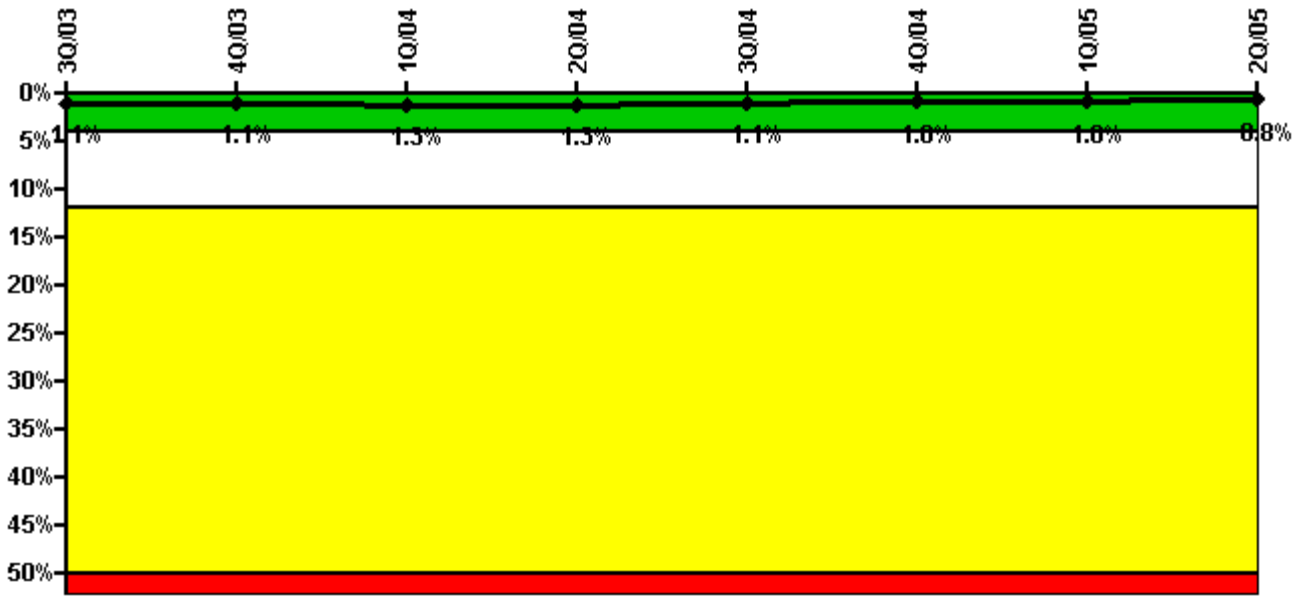
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 11.23 | 41.12 | 4.42 | 115.45 | 13.80 | 17.48 | 2.05 | 17.40 |
| Unplanned unavailable hours | 0 | 0 | 51.47 | 173.50 | 1.95 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1977.09 | 2209.00 | 2127.07 | 2183.00 | 1815.28 | 2020.50 | 2108.90 | 2183.00 |
| Indicator value | 1.3% | 1.4% | 1.5% | 2.7% | 2.8% | 2.8% | 2.8% | 2.4% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



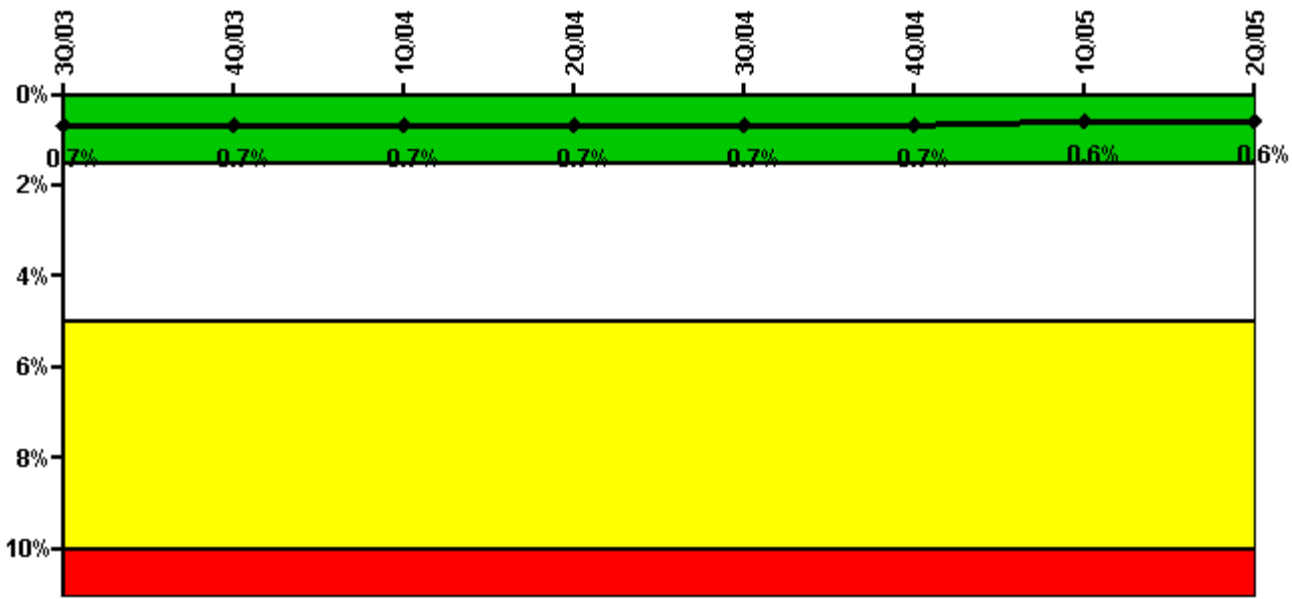
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 5.53 | 5.10 | 74.60 | 0 | 1.82 | 2.53 | 2.00 | 2.07 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 1977.09 | 2209.00 | 2127.07 | 2183.00 | 1815.28 | 2020.50 | 2108.90 | 2183.00 |
| | | | | | | | | |
| Indicator value | 1.1% | 1.1% | 1.3% | 1.3% | 1.1% | 1.0% | 1.0% | 0.8% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



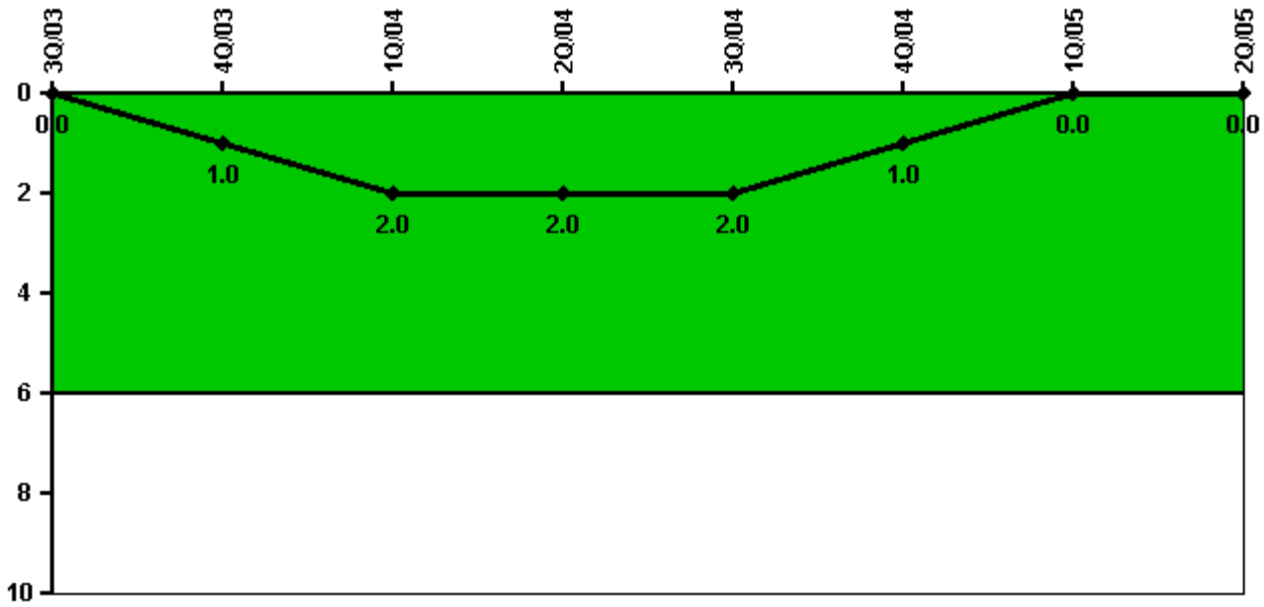
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 30.32 | 0 | 0 | 1.18 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2208.00 | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 6.70 | 0 | 1.13 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2076.78 | 2209.00 | 2184.00 | 2183.00 | 1824.30 | 2103.40 | 2125.40 | 2183.00 |
| Indicator value | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% |

Licensee Comments: none

Safety System Functional Failures (BWR)



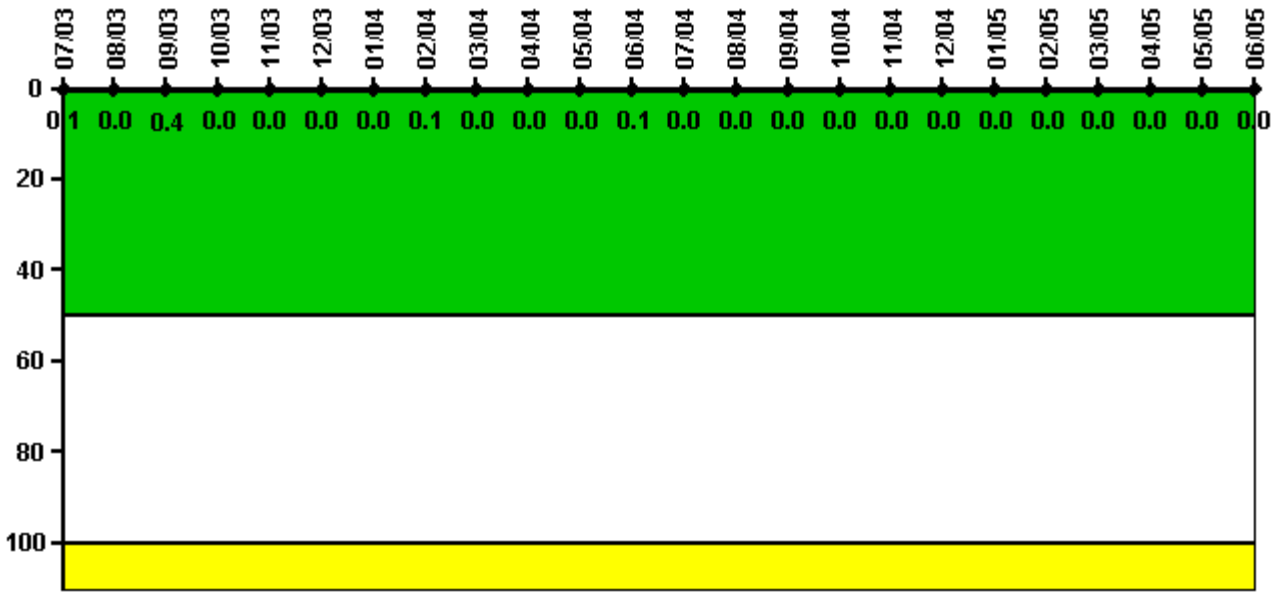
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 1 | 2 | 2 | 2 | 1 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



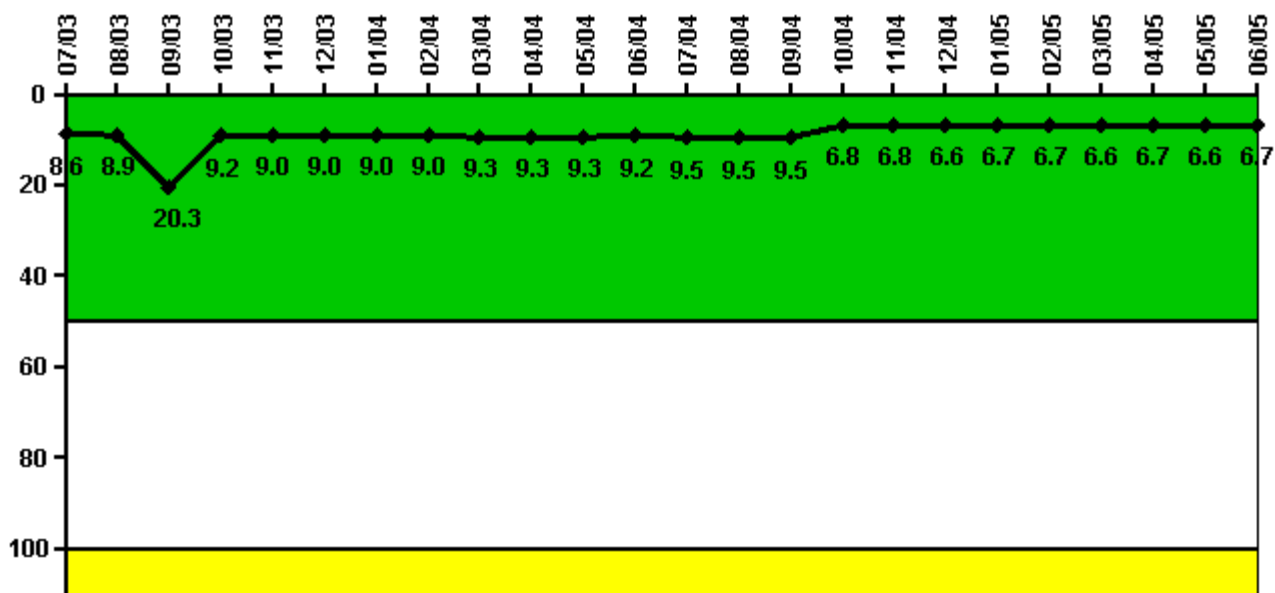
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 |
|---------------------------------|------------|----------|------------|----------|----------|----------|----------|------------|----------|----------|----------|------------|
| Maximum activity | 0.000236 | 0.000024 | 0.000728 | 0.000021 | 0.000026 | 0.000015 | 0.000017 | 0.000231 | 0.000043 | 0.000012 | 0.000030 | 0.000119 |
| 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 | 0.1 | 0 | 0.4 | 0 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0.1 |
| Reactor Coolant System Activity | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 |
| Maximum activity | 0.000023 | 0.000029 | 0.000015 | 0.000008 | 0.000002 | 0.000021 | 0.000016 | 0.000017 | 0.000026 | 0.000018 | 0.000018 | 0.000031 |
| 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



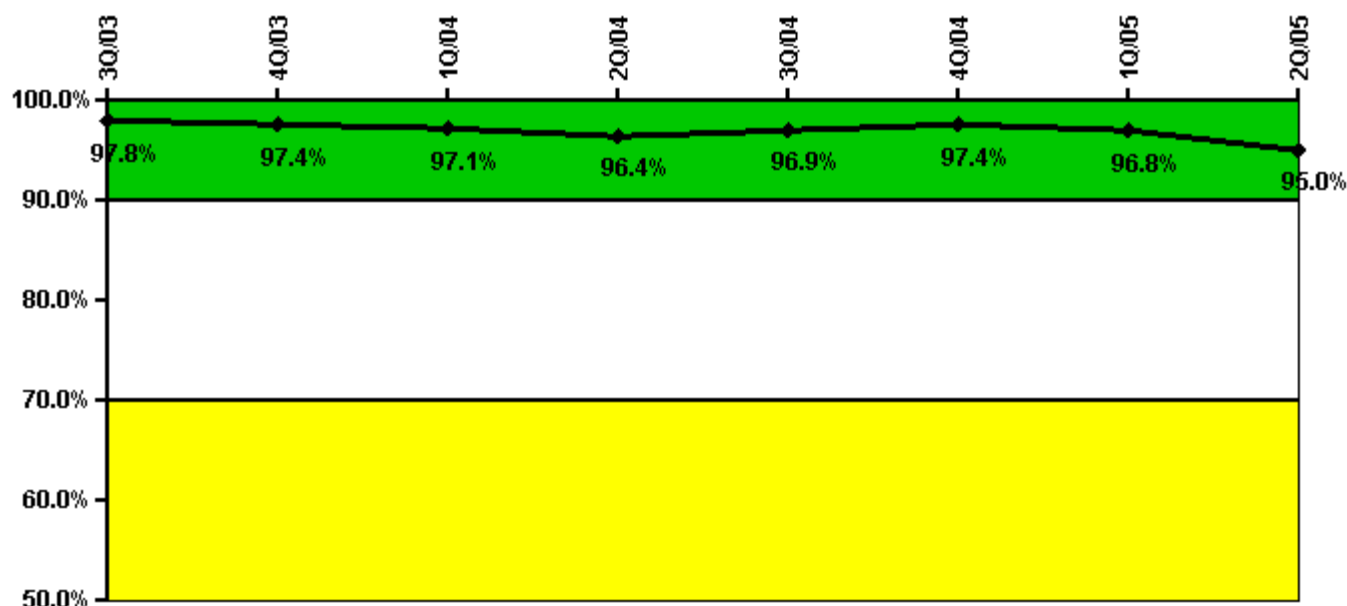
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 7/03 | 8/03 | 9/03 | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 |
|--------------------------------|------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum leakage | 2.140 | 2.230 | 5.070 | 2.290 | 2.250 | 2.250 | 2.250 | 2.250 | 2.320 | 2.330 | 2.330 | 2.310 |
| 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 | 8.6 | 8.9 | 20.3 | 9.2 | 9.0 | 9.0 | 9.0 | 9.0 | 9.3 | 9.3 | 9.3 | 9.2 |
| Reactor Coolant System Leakage | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 |
| Maximum leakage | 2.370 | 2.380 | 2.380 | 1.710 | 1.710 | 1.650 | 1.680 | 1.670 | 1.650 | 1.670 | 1.640 | 1.680 |
| 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 | 9.5 | 9.5 | 9.5 | 6.8 | 6.8 | 6.6 | 6.7 | 6.7 | 6.6 | 6.7 | 6.6 | 6.7 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

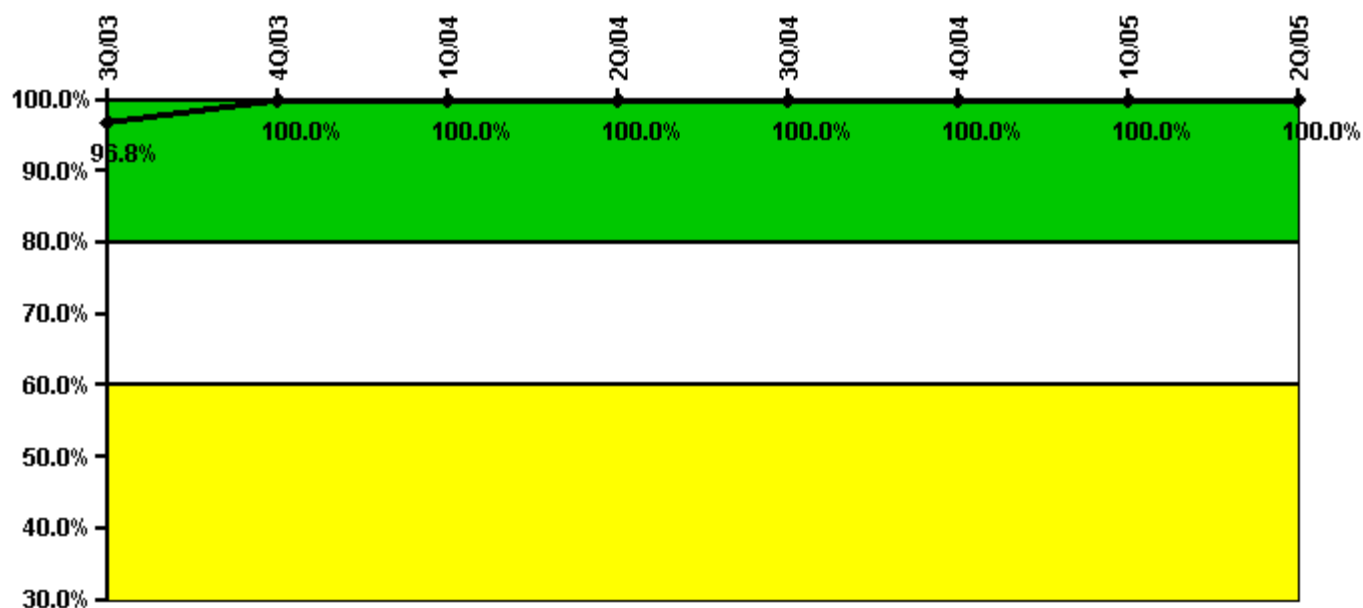
Notes

| Drill/Exercise Performance | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 20.0 | 21.0 | 49.0 | 36.0 | 36.0 | 24.0 | 28.0 | 34.0 |
| Total opportunities | 20.0 | 22.0 | 50.0 | 40.0 | 36.0 | 24.0 | 30.0 | 39.0 |
| Indicator value | 97.8% | 97.4% | 97.1% | 96.4% | 96.9% | 97.4% | 96.8% | 95.0% |

Licensee Comments:

1Q/05: 1Q05 data revised to change one EAL classification to successful, affects 1Q05 and 2Q05. No change to indicator color.

ERO Drill Participation



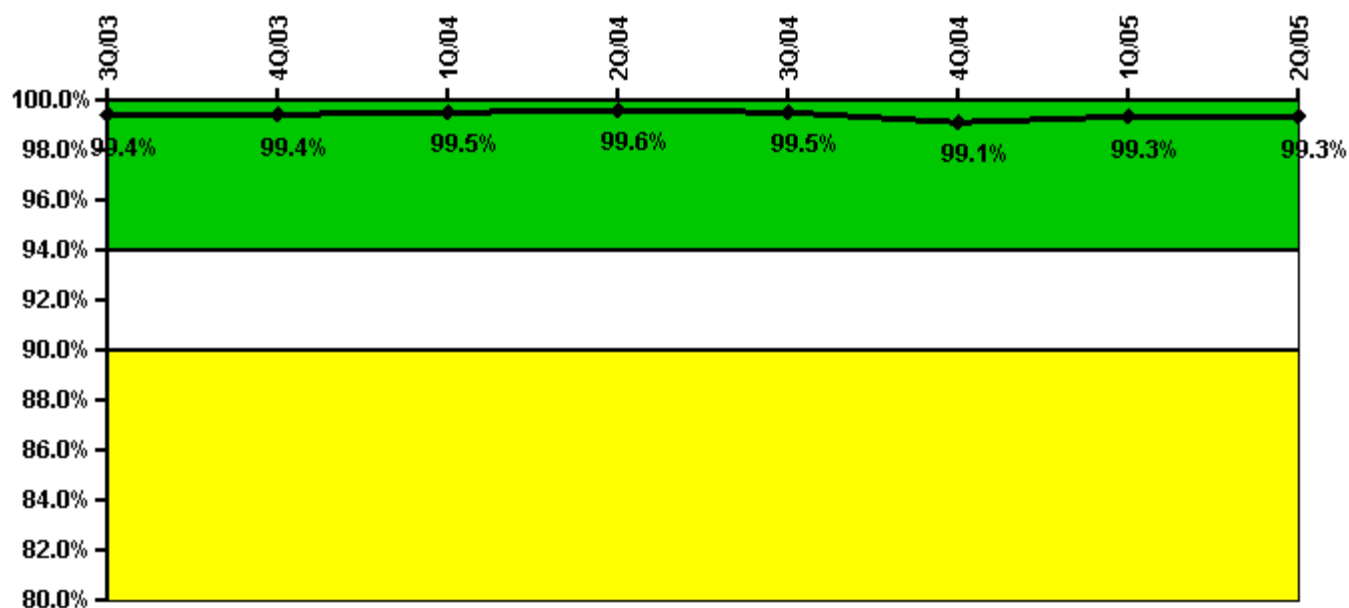
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|-----------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 60.0 | 61.0 | 68.0 | 69.0 | 69.0 | 75.0 | 79.0 | 75.0 |
| Total Key personnel | 62.0 | 61.0 | 68.0 | 69.0 | 69.0 | 75.0 | 79.0 | 75.0 |
| Indicator value | 96.8% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



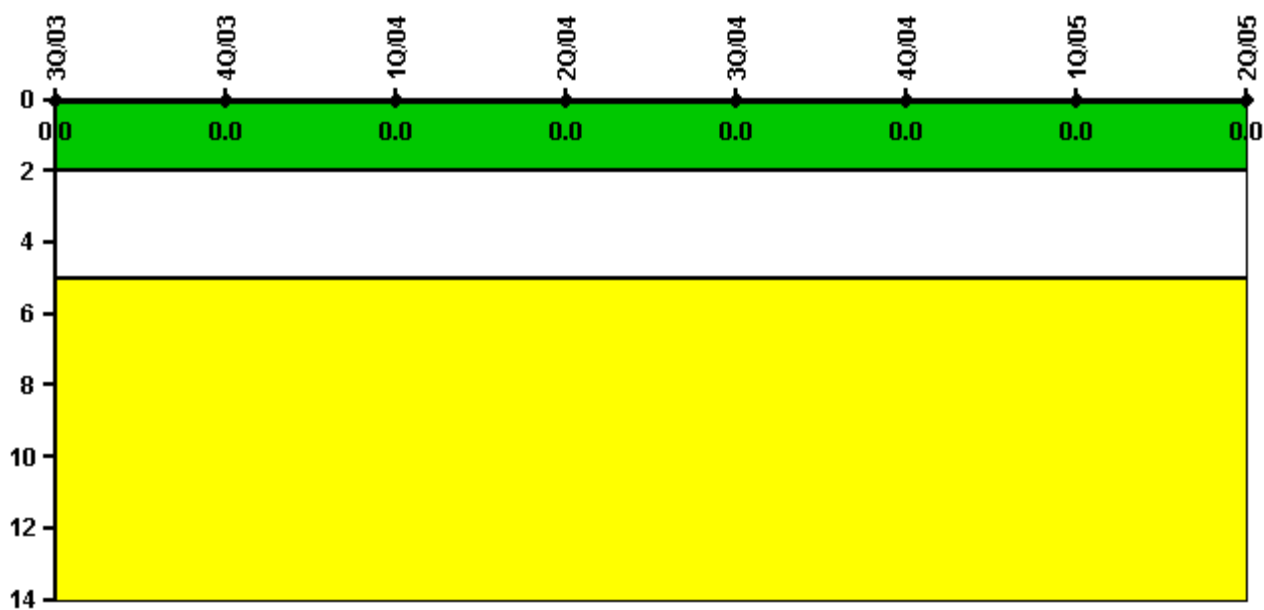
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1254 | 1353 | 1254 | 1258 | 1248 | 1240 | 1238 | 1259 |
| Total sirens-tests | 1261 | 1358 | 1261 | 1261 | 1261 | 1261 | 1238 | 1261 |
| Indicator value | 99.4% | 99.4% | 99.5% | 99.6% | 99.5% | 99.1% | 99.3% | 99.3% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



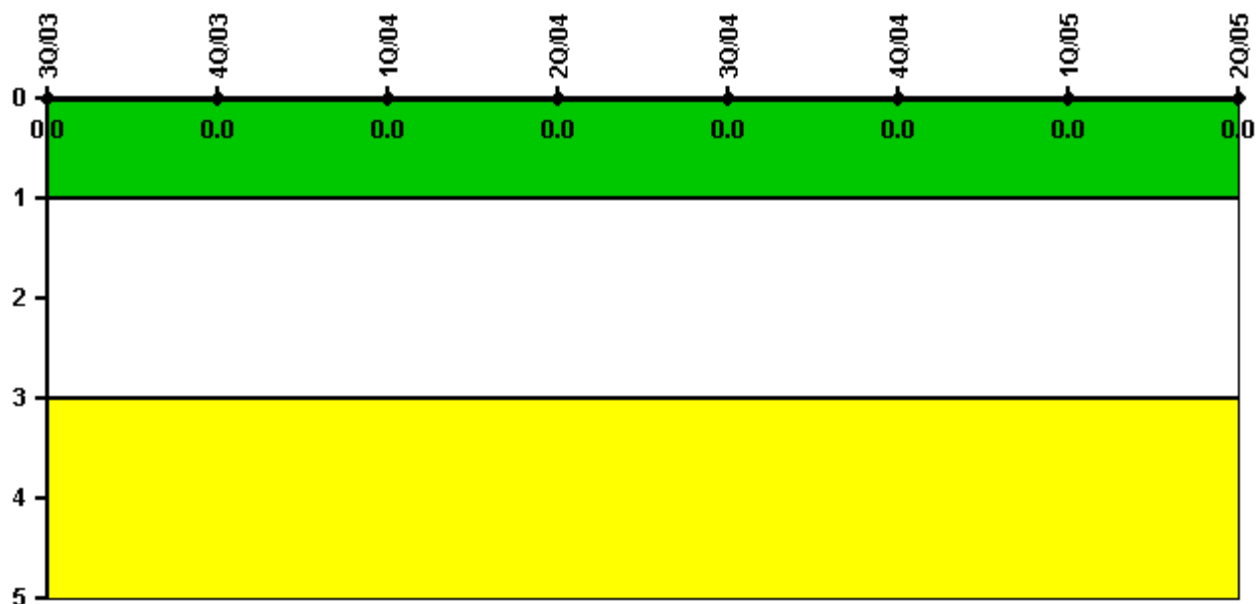
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 3Q/03 | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.

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

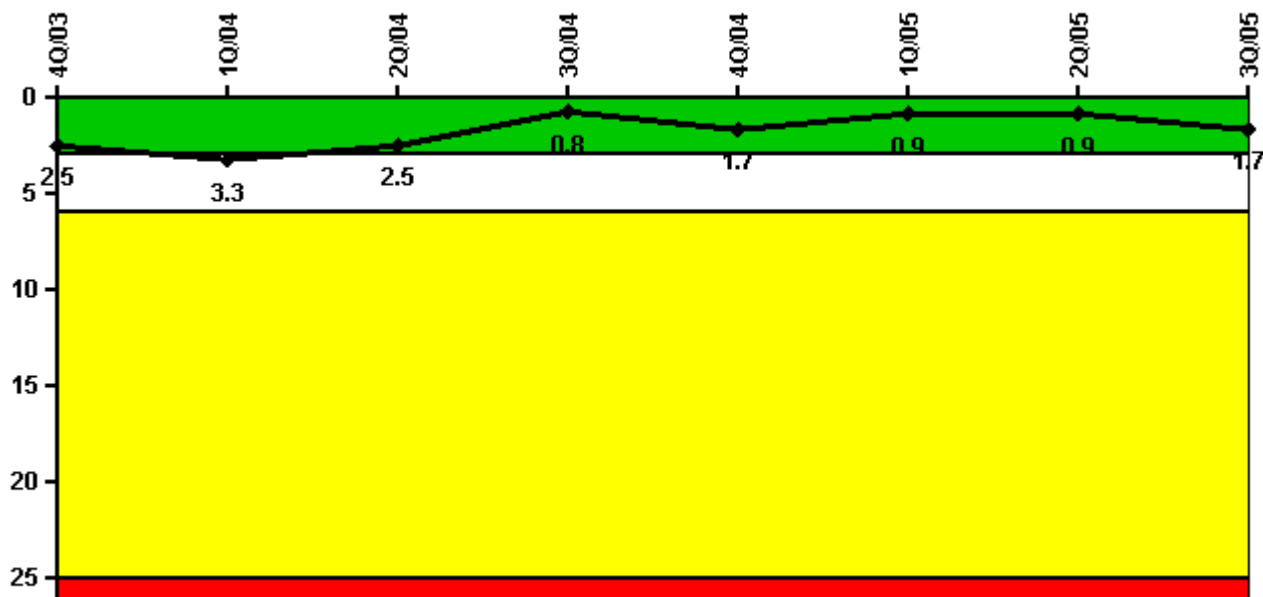
Last Modified: August 3, 2005

Peach Bottom 2

3Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



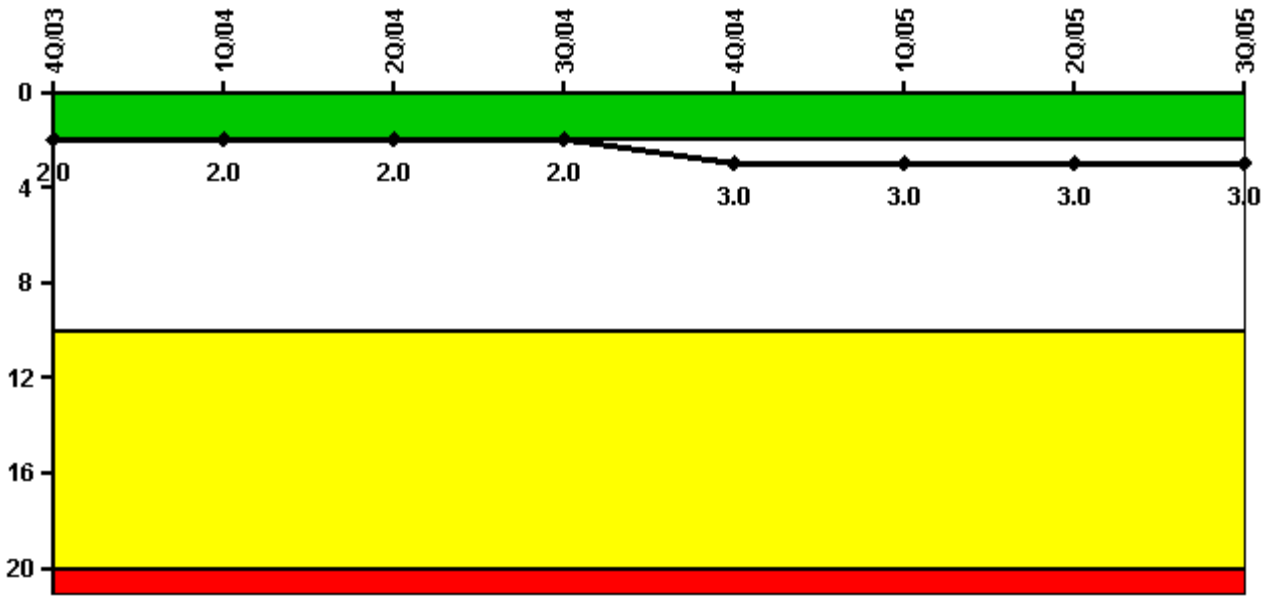
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 1.0 | 0 | 0 | 1.0 | 0 | 0 | 1.0 |
| Critical hours | 2209.0 | 2127.1 | 2183.0 | 1815.3 | 2020.5 | 2108.9 | 2183.0 | 2112.2 |
| Indicator value | 2.5 | 3.3 | 2.5 | 0.8 | 1.7 | 0.9 | 0.9 | 1.7 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



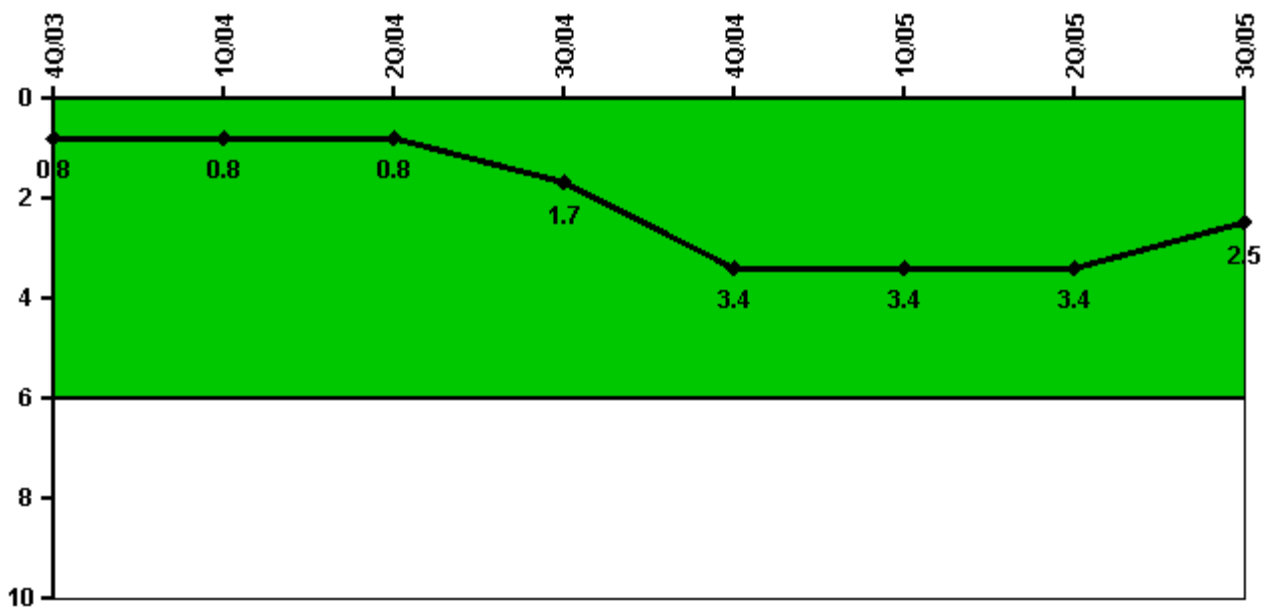
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 |
| Indicator value | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



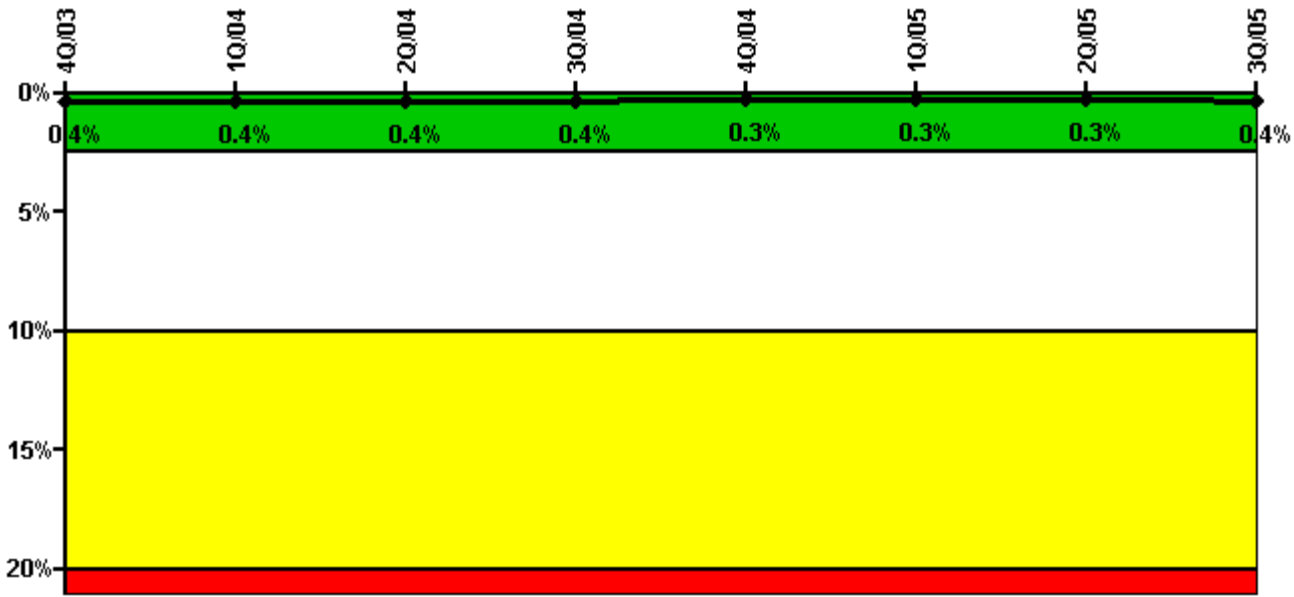
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 1.0 | 0 | 1.0 | 2.0 | 1.0 | 0 | 0 |
| Critical hours | 2209.0 | 2127.1 | 2183.0 | 1815.3 | 2020.5 | 2108.9 | 2183.0 | 2112.2 |
| Indicator value | 0.8 | 0.8 | 0.8 | 1.7 | 3.4 | 3.4 | 3.4 | 2.5 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



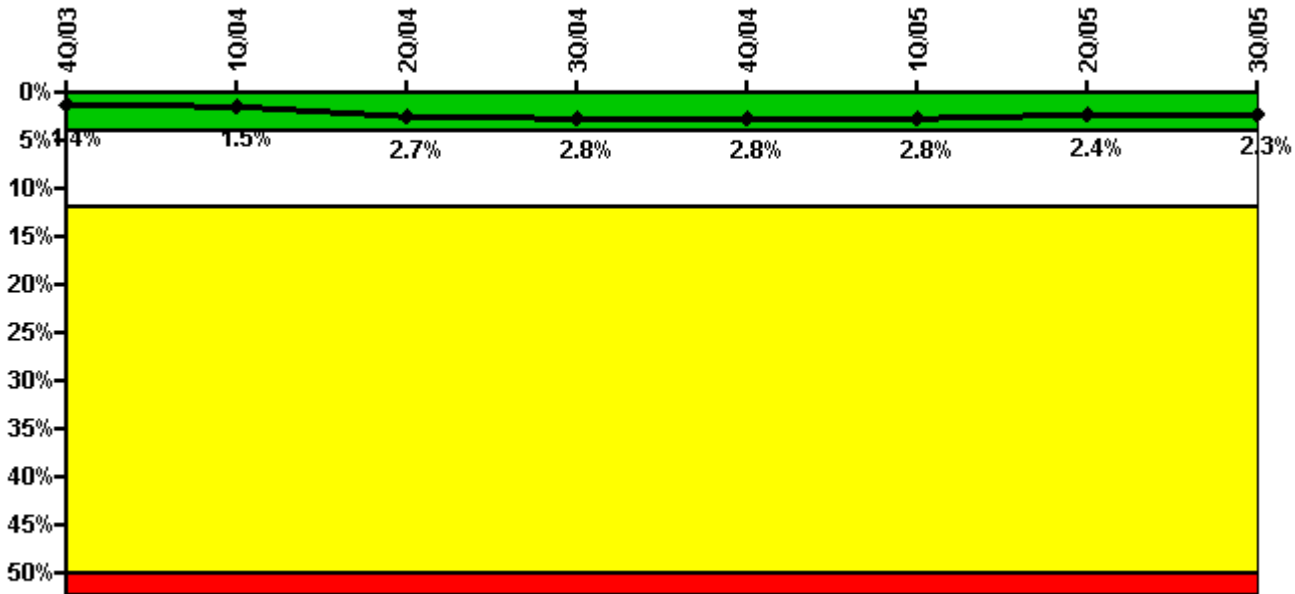
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 12.75 | 15.50 | 0 | 37.25 | 0 | 8.50 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 6.75 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2012.25 | 2209.00 | 2160.00 | 2183.00 | 2208.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 17.00 | 0 | 0 | 0 | 0 | 10.50 | 1.00 | 95.00 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2020.25 | 2061.50 | 2160.00 | 2183.00 | 2208.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 11.50 | 0 | 0 | 48.50 | 0 | 0 | 0.50 | 3.50 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2012.25 | 2209.00 | 2160.00 | 2183.00 | 2208.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 7.25 | 0 | 0 | 0 | 0 | 0 | 0.75 | 0 |
| Unplanned unavailable hours | 20.50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2020.25 | 2061.50 | 2160.00 | 2183.00 | 2208.00 |
| Indicator value | 0.4% | 0.4% | 0.4% | 0.4% | 0.3% | 0.3% | 0.3% | 0.4% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



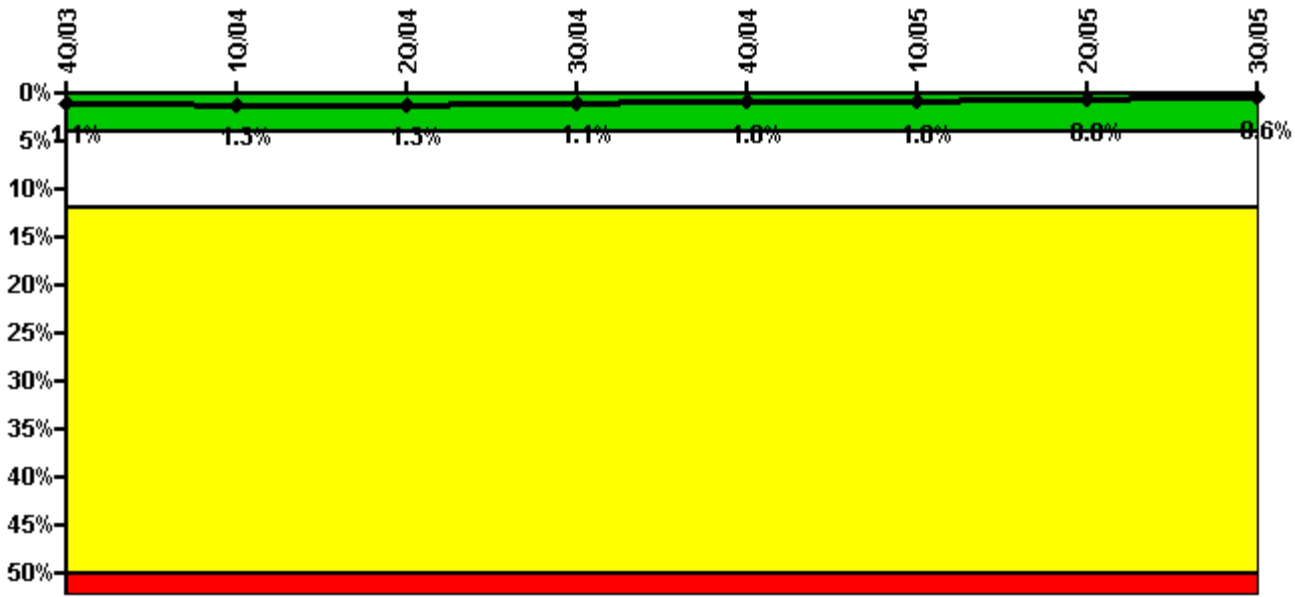
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 41.12 | 4.42 | 115.45 | 13.80 | 17.48 | 2.05 | 17.40 | 0 |
| Unplanned unavailable hours | 0 | 51.47 | 173.50 | 1.95 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2127.07 | 2183.00 | 1815.28 | 2020.50 | 2108.90 | 2183.00 | 2132.30 |
| Indicator value | 1.4% | 1.5% | 2.7% | 2.8% | 2.8% | 2.8% | 2.4% | 2.3% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



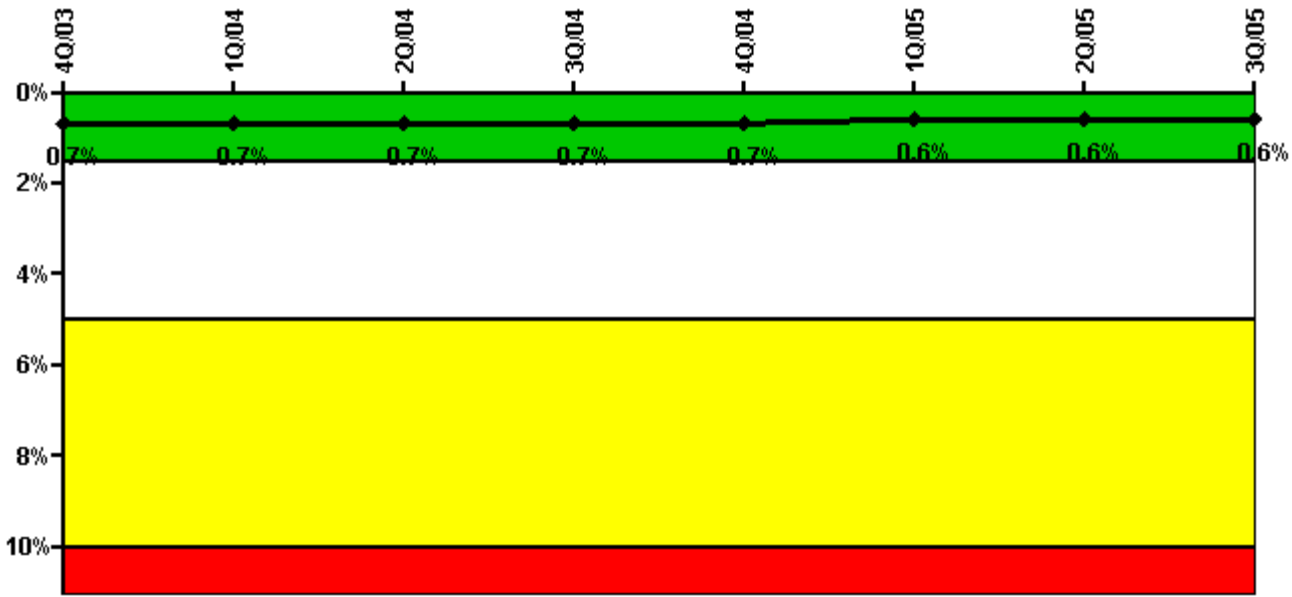
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 5.10 | 74.60 | 0 | 1.82 | 2.53 | 2.00 | 2.07 | 2.55 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2127.07 | 2183.00 | 1815.28 | 2020.50 | 2108.90 | 2183.00 | 2132.30 |
| Indicator value | 1.1% | 1.3% | 1.3% | 1.1% | 1.0% | 1.0% | 0.8% | 0.6% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



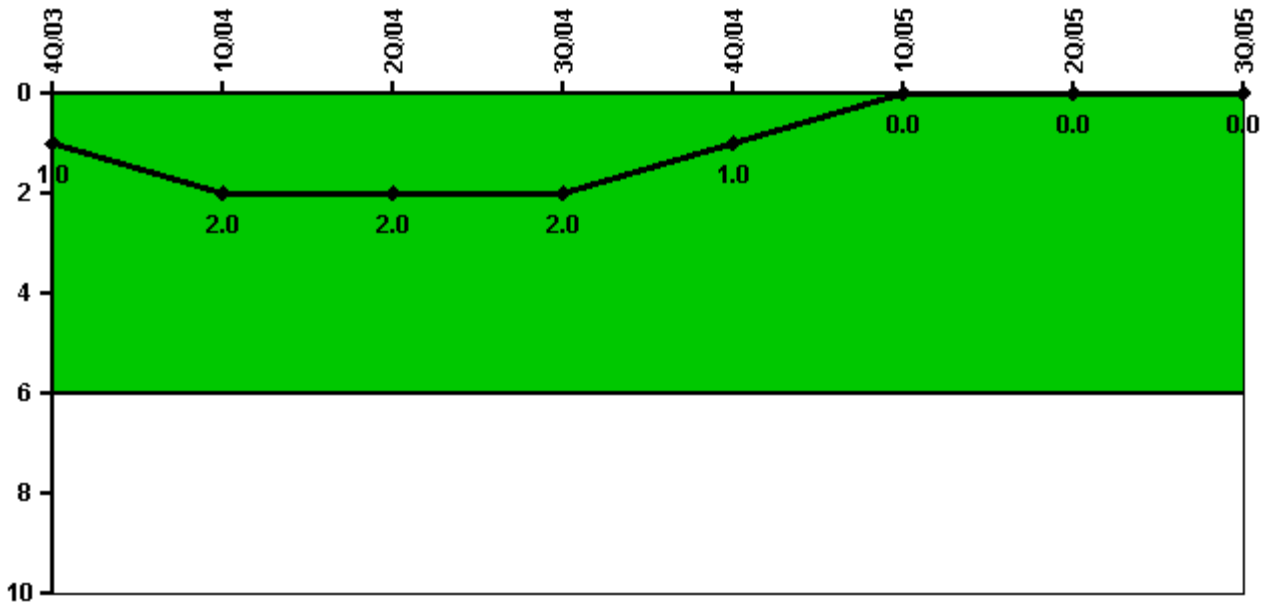
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 30.32 | 0 | 0 | 1.18 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 6.70 | 0 | 1.13 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2209.00 | 2184.00 | 2183.00 | 1824.30 | 2103.40 | 2125.40 | 2183.00 | 2147.80 |
| Indicator value | 0.7% | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% |

Licensee Comments: none

Safety System Functional Failures (BWR)



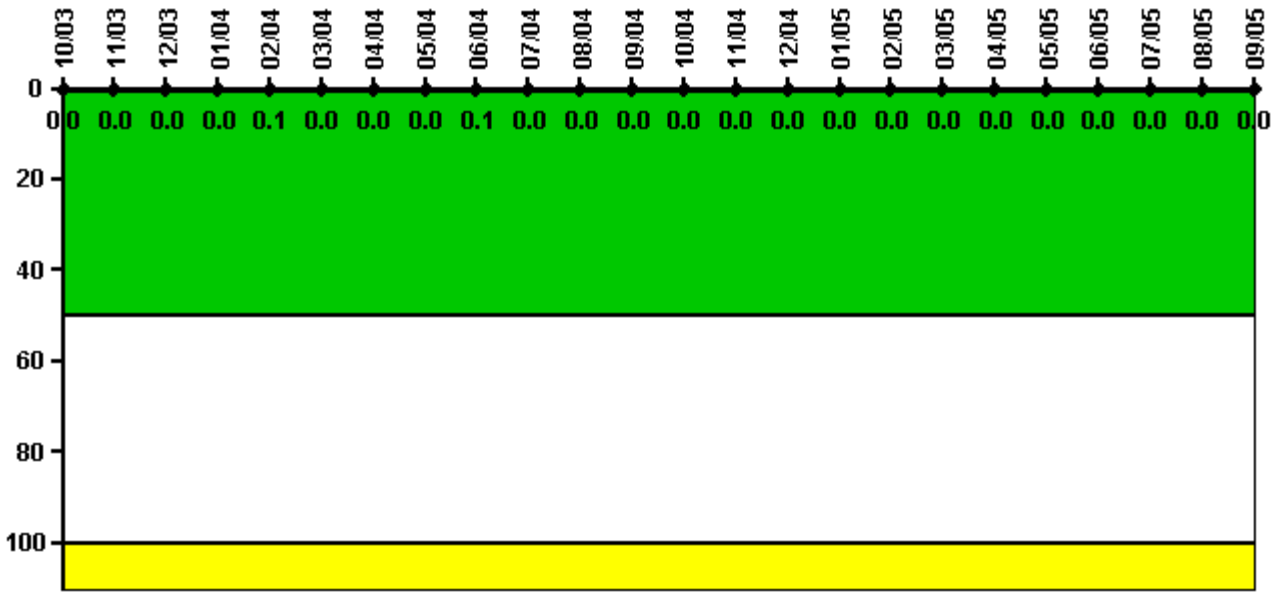
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1 | 2 | 2 | 2 | 1 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Activity



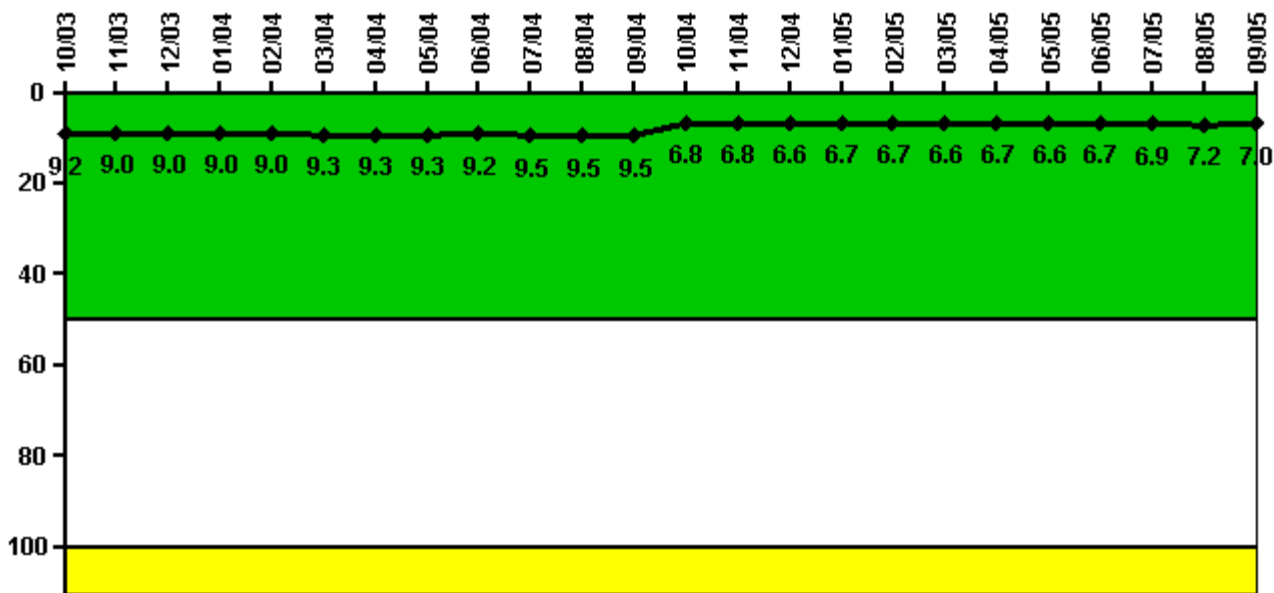
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000021 | 0.000026 | 0.000015 | 0.000017 | 0.000231 | 0.000043 | 0.000012 | 0.000030 | 0.000119 | 0.000023 | 0.000029 | 0.000015 |
| 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 | 0.1 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 |
| 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 | 0.000008 | 0.000002 | 0.000021 | 0.000016 | 0.000017 | 0.000026 | 0.000018 | 0.000018 | 0.000031 | 0.000059 | 0.000071 | 0.000076 |
| 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



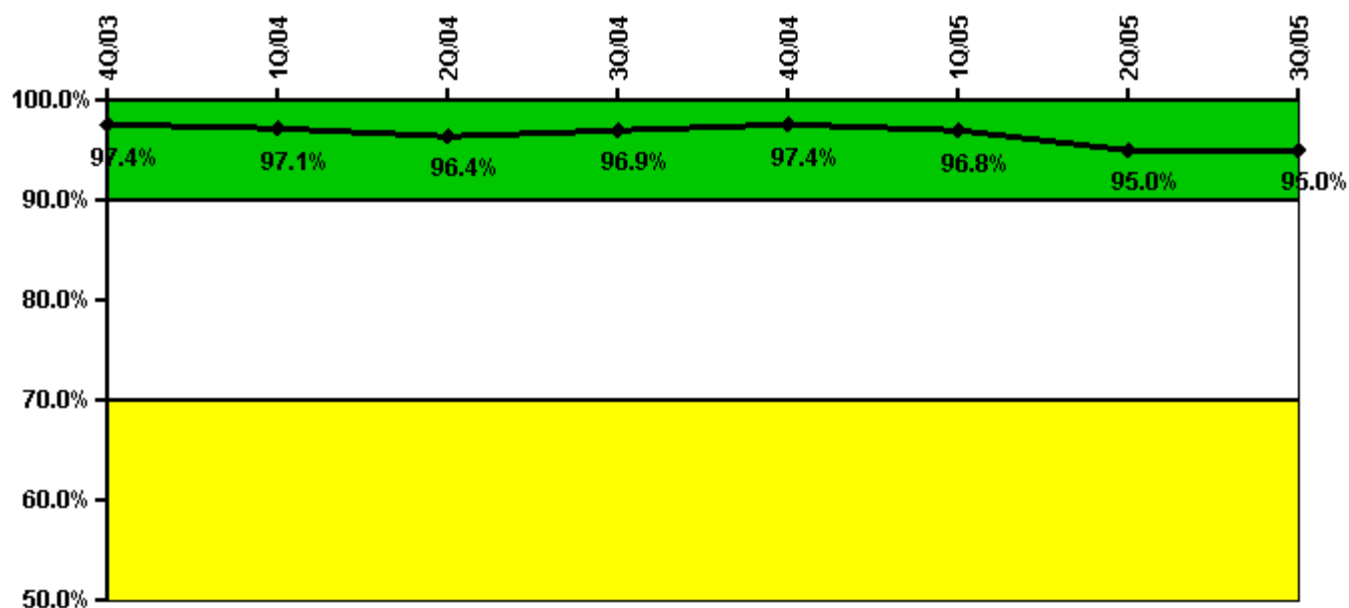
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 10/03 | 11/03 | 12/03 | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.290 | 2.250 | 2.250 | 2.250 | 2.250 | 2.320 | 2.330 | 2.330 | 2.310 | 2.370 | 2.380 | 2.380 |
| 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 | 9.2 | 9.0 | 9.0 | 9.0 | 9.0 | 9.3 | 9.3 | 9.3 | 9.2 | 9.5 | 9.5 | 9.5 |
| 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 | 1.710 | 1.710 | 1.650 | 1.680 | 1.670 | 1.650 | 1.670 | 1.640 | 1.680 | 1.730 | 1.790 | 1.750 |
| 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 | 6.8 | 6.8 | 6.6 | 6.7 | 6.7 | 6.6 | 6.7 | 6.6 | 6.7 | 6.9 | 7.2 | 7.0 |

Licensee Comments: none

Drill/Exercise Performance



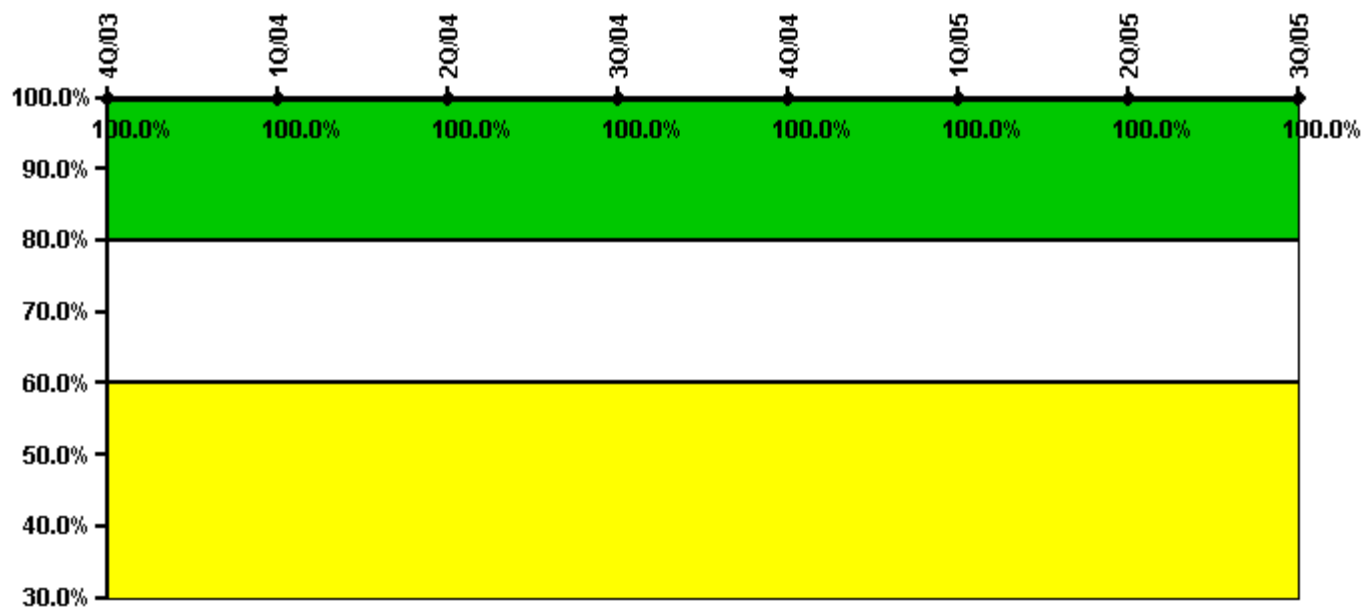
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 21.0 | 49.0 | 36.0 | 36.0 | 24.0 | 28.0 | 34.0 | 20.0 |
| Total opportunities | 22.0 | 50.0 | 40.0 | 36.0 | 24.0 | 30.0 | 39.0 | 20.0 |
| Indicator value | 97.4% | 97.1% | 96.4% | 96.9% | 97.4% | 96.8% | 95.0% | 95.0% |

Licensee Comments: none

ERO Drill Participation



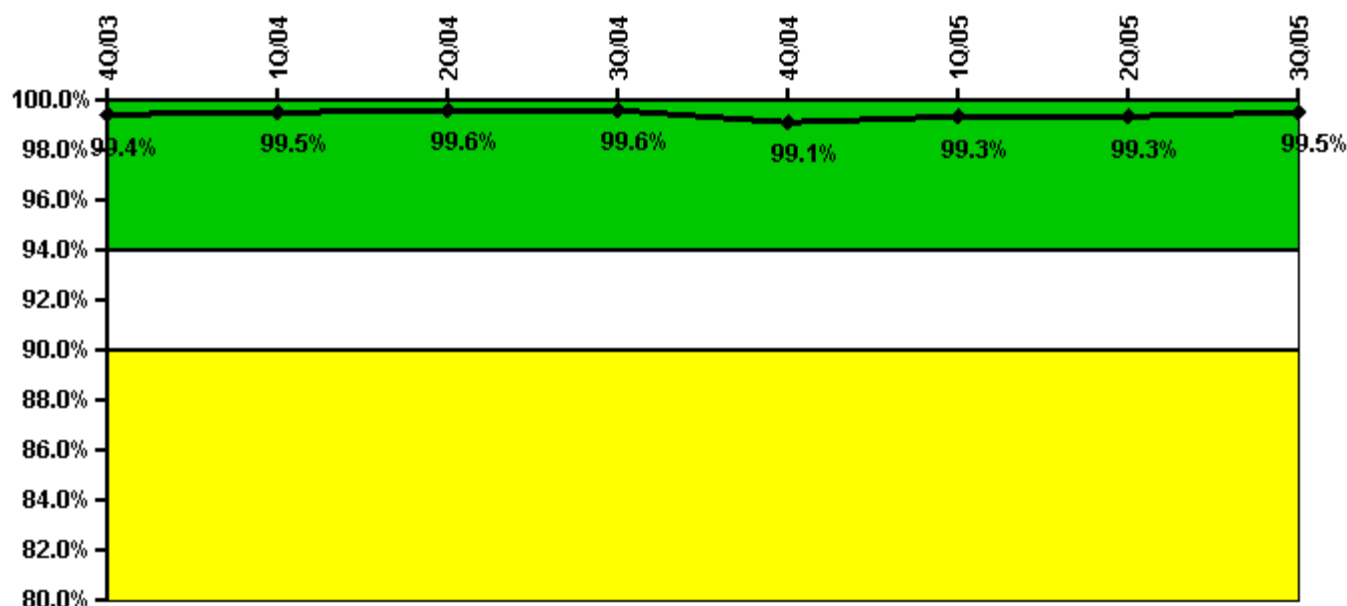
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 61.0 | 68.0 | 69.0 | 69.0 | 75.0 | 79.0 | 75.0 | 75.0 |
| Total Key personnel | 61.0 | 68.0 | 69.0 | 69.0 | 75.0 | 79.0 | 75.0 | 75.0 |
| 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

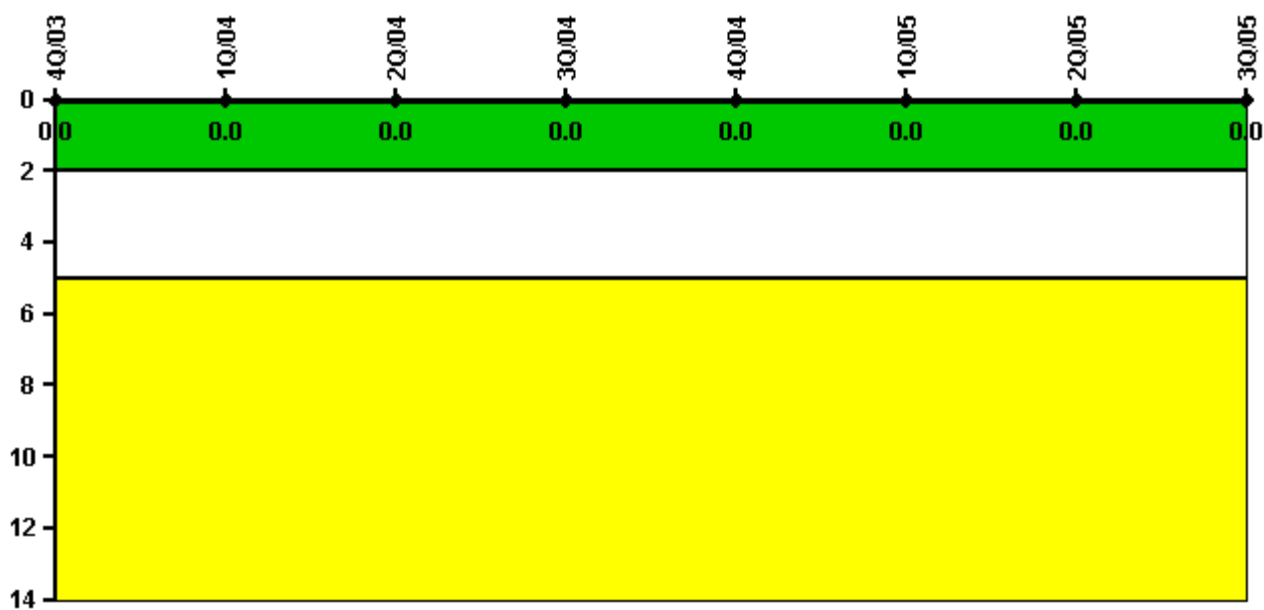
| Alert & Notification System | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1353 | 1254 | 1258 | 288 | 659 | 1238 | 1259 | 1259 |
| Total sirens-tests | 1358 | 1261 | 1261 | 291 | 679 | 1238 | 1261 | 1261 |
| Indicator value | 99.4% | 99.5% | 99.6% | 99.6% | 99.1% | 99.3% | 99.3% | 99.5% |

Licensee Comments:

4Q/04: July 2004 to November 2004 historical data corrected due to elimination of testing opportunities related to tests from an alternate location. No change in PI color.

3Q/04: July 2004 to November 2004 historical data corrected due to elimination of testing opportunities related to tests from an alternate location. No change in PI color.

Occupational Exposure Control Effectiveness



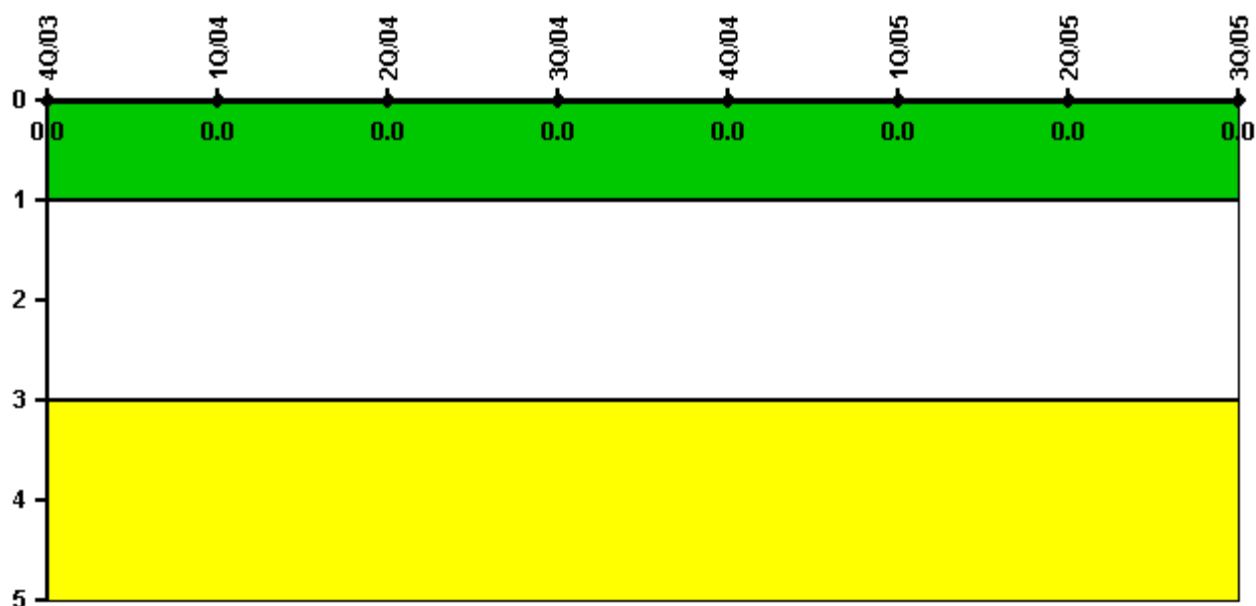
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/03 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

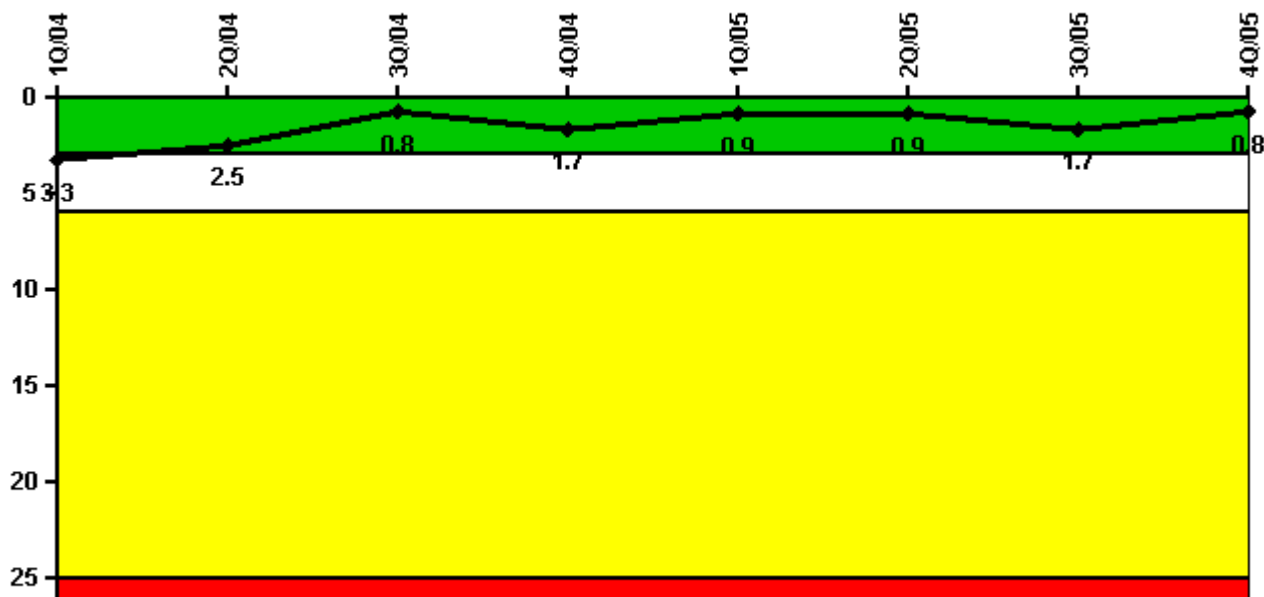
[Physical Protection](#) information not publicly available.

Peach Bottom 2

4Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



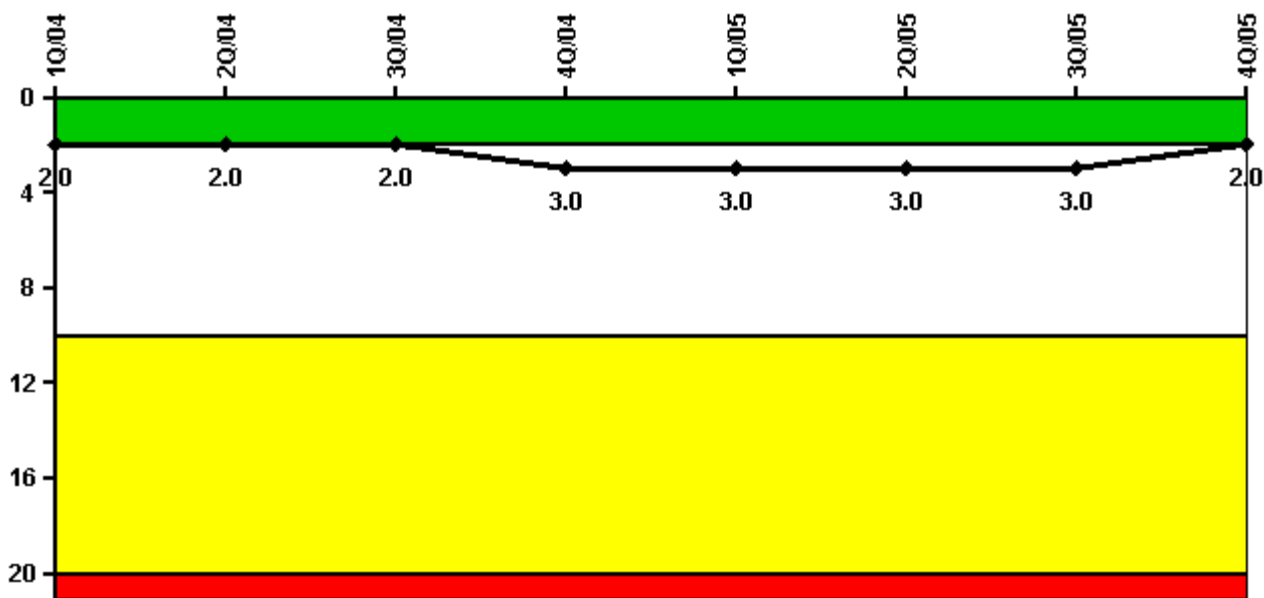
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 1.0 | 0 | 0 | 1.0 | 0 | 0 | 1.0 | 0 |
| Critical hours | 2127.1 | 2183.0 | 1815.3 | 2020.5 | 2108.9 | 2183.0 | 2112.2 | 2209.0 |
| Indicator value | 3.3 | 2.5 | 0.8 | 1.7 | 0.9 | 0.9 | 1.7 | 0.8 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



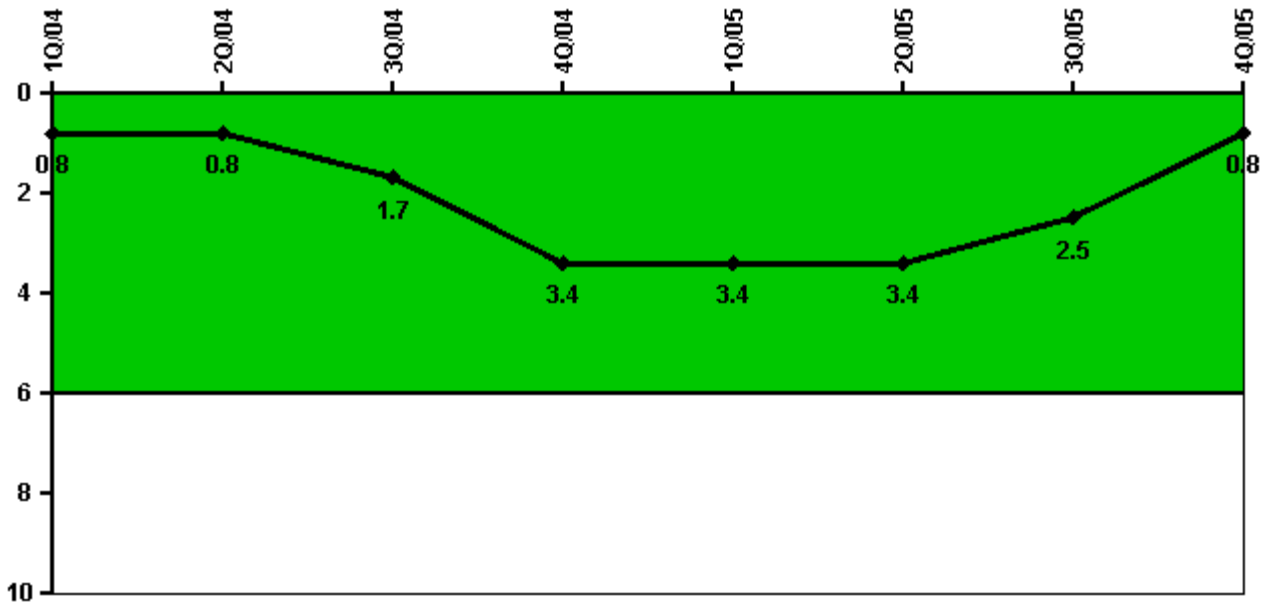
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 |
| Indicator value | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



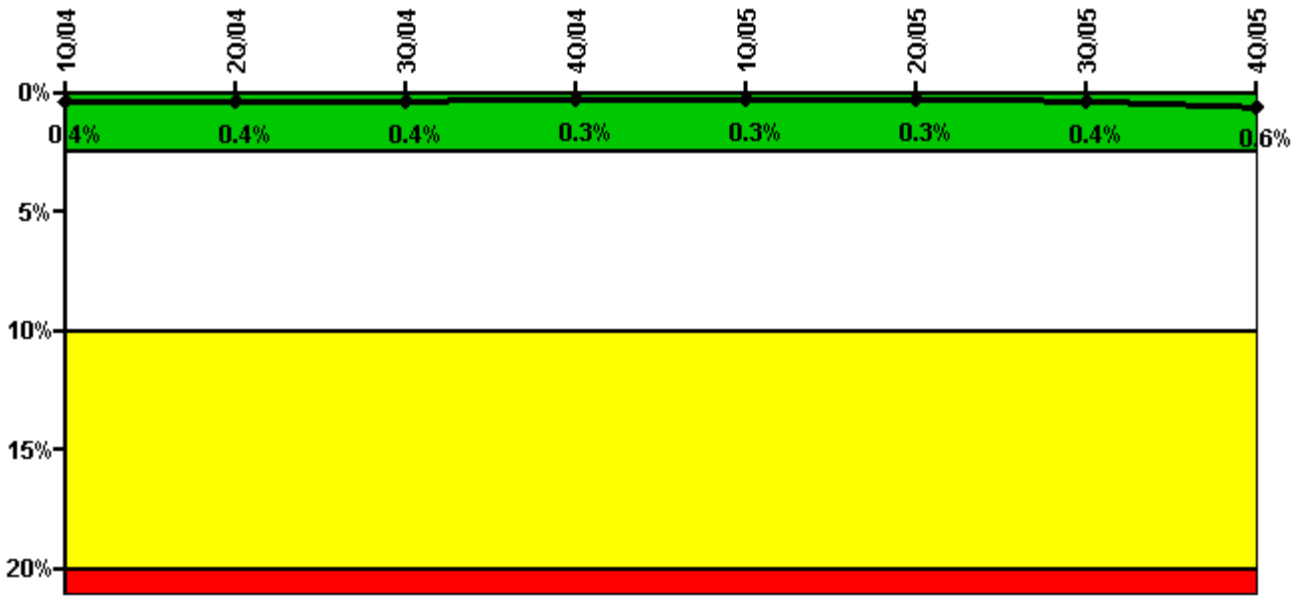
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 1.0 | 0 | 1.0 | 2.0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2127.1 | 2183.0 | 1815.3 | 2020.5 | 2108.9 | 2183.0 | 2112.2 | 2209.0 |
| Indicator value | 0.8 | 0.8 | 1.7 | 3.4 | 3.4 | 3.4 | 2.5 | 0.8 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



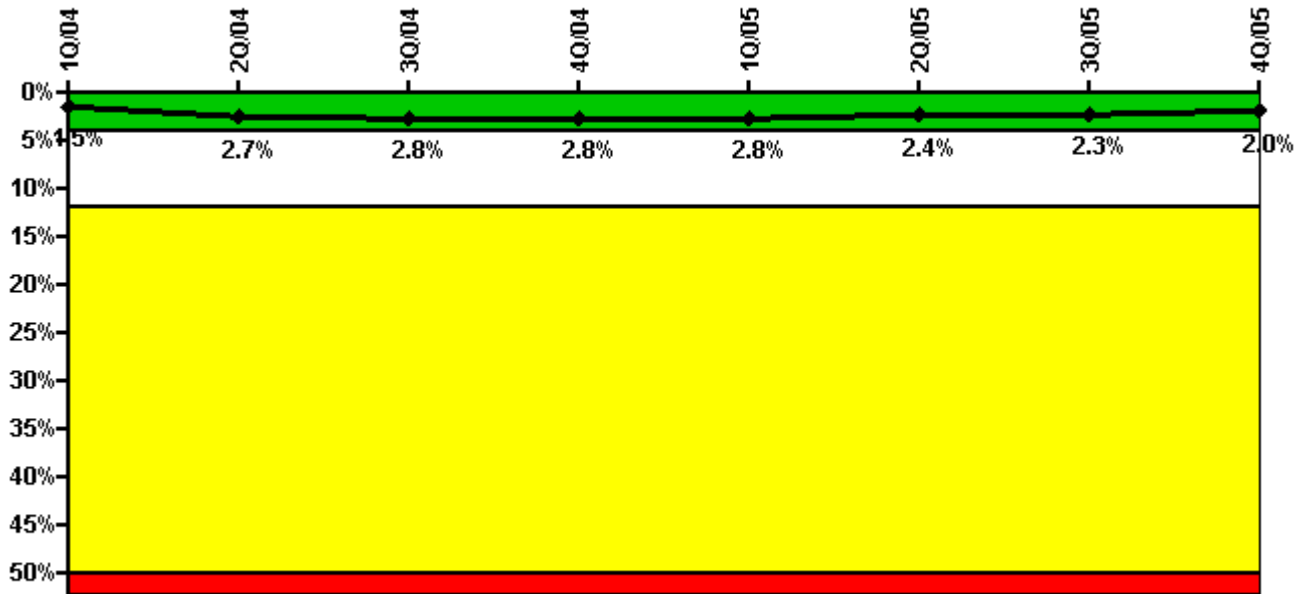
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 15.50 | 0 | 37.25 | 0 | 8.50 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 6.75 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2183.00 | 2012.25 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 10.50 | 1.00 | 95.00 | 9.75 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20.75 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115.50 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2183.00 | 2020.25 | 2061.50 | 2160.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 48.50 | 0 | 0 | 0.50 | 3.50 | 117.50 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2183.00 | 2012.25 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0.75 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2183.00 | 2020.25 | 2061.50 | 2160.00 | 2183.00 | 2208.00 | 2209.00 |
| Indicator value | 0.4% | 0.4% | 0.4% | 0.3% | 0.3% | 0.3% | 0.4% | 0.6% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



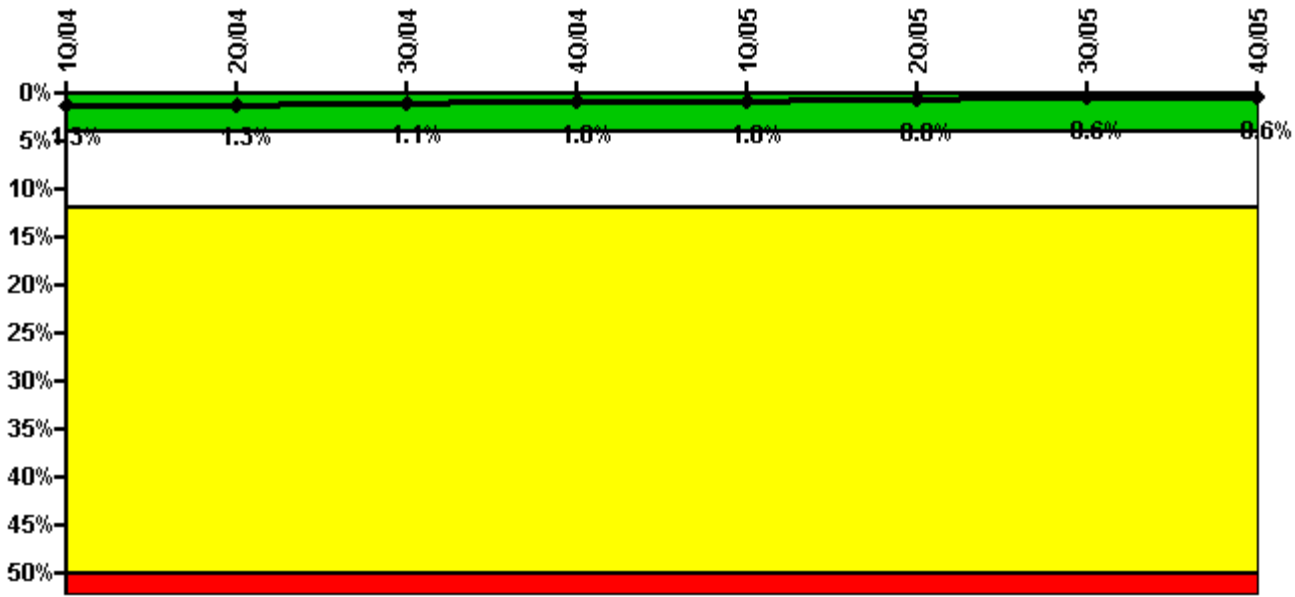
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 4.42 | 115.45 | 13.80 | 17.48 | 2.05 | 17.40 | 0 | 28.62 |
| Unplanned unavailable hours | 51.47 | 173.50 | 1.95 | 0 | 0 | 0 | 0 | 0.55 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2127.07 | 2183.00 | 1815.28 | 2020.50 | 2108.90 | 2183.00 | 2132.30 | 2209.00 |
| Indicator value | 1.5% | 2.7% | 2.8% | 2.8% | 2.8% | 2.4% | 2.3% | 2.0% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



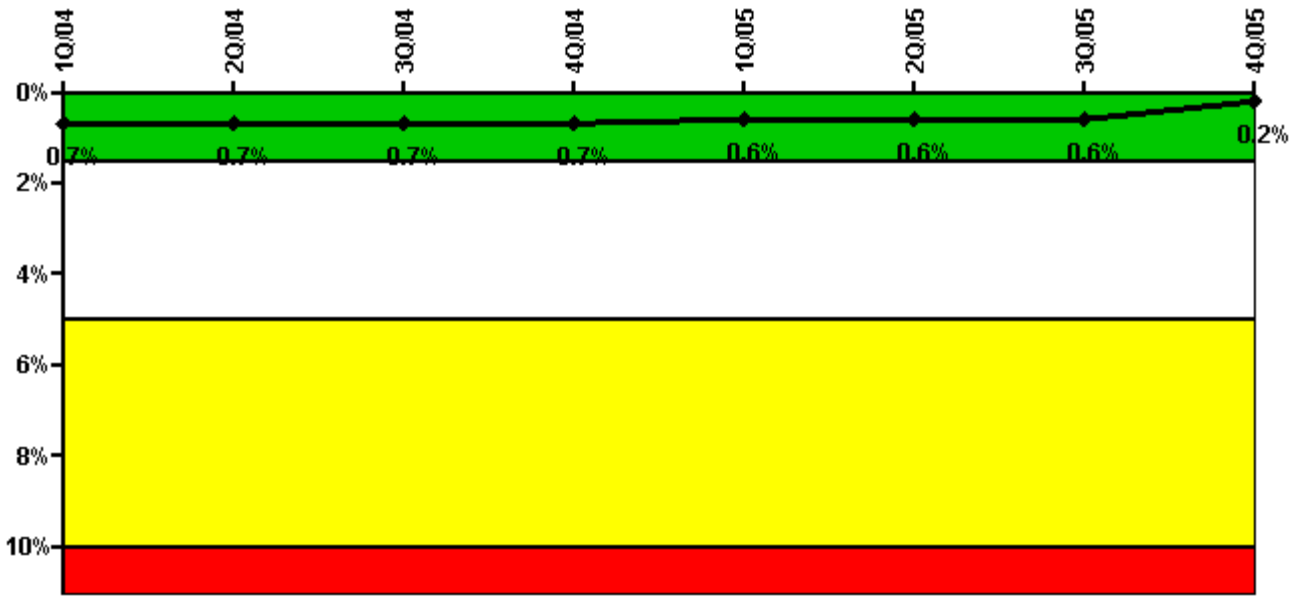
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 74.60 | 0 | 1.82 | 2.53 | 2.00 | 2.07 | 2.55 | 3.78 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2127.07 | 2183.00 | 1815.28 | 2020.50 | 2108.90 | 2183.00 | 2132.30 | 2209.00 |
| | | | | | | | | |
| Indicator value | 1.3% | 1.3% | 1.1% | 1.0% | 1.0% | 0.8% | 0.6% | 0.6% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



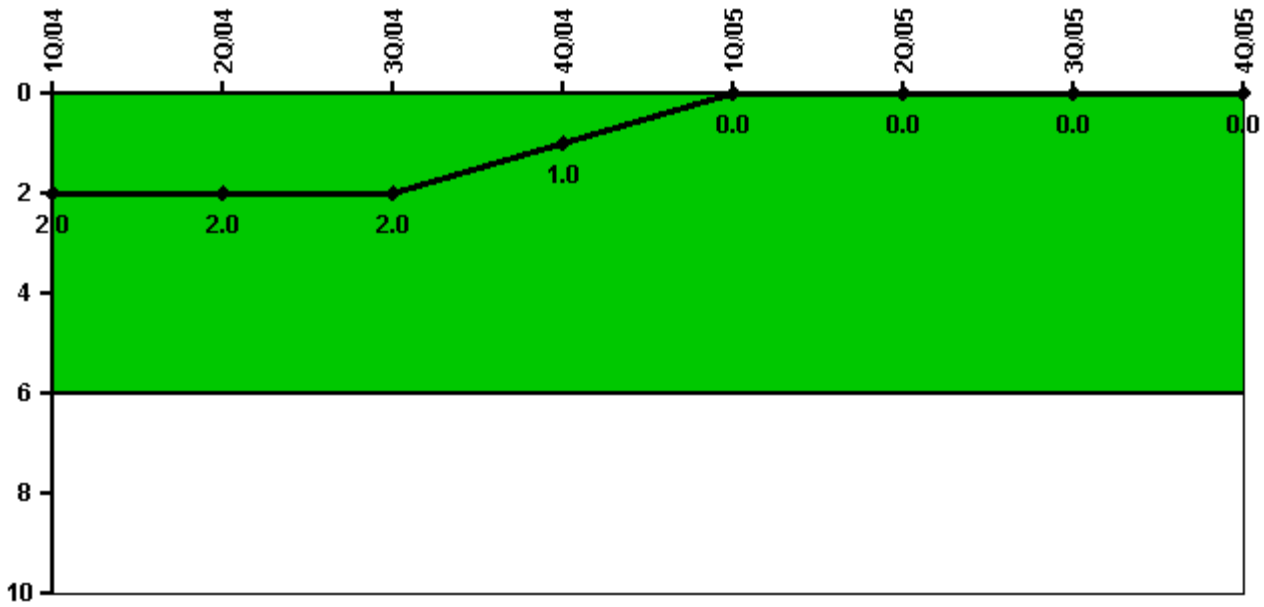
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 30.32 | 0 | 0 | 1.18 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 6.70 | 0 | 1.13 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2184.00 | 2183.00 | 1824.30 | 2103.40 | 2125.40 | 2183.00 | 2147.80 | 2209.00 |
| Indicator value | 0.7% | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.2% |

Licensee Comments: none

Safety System Functional Failures (BWR)



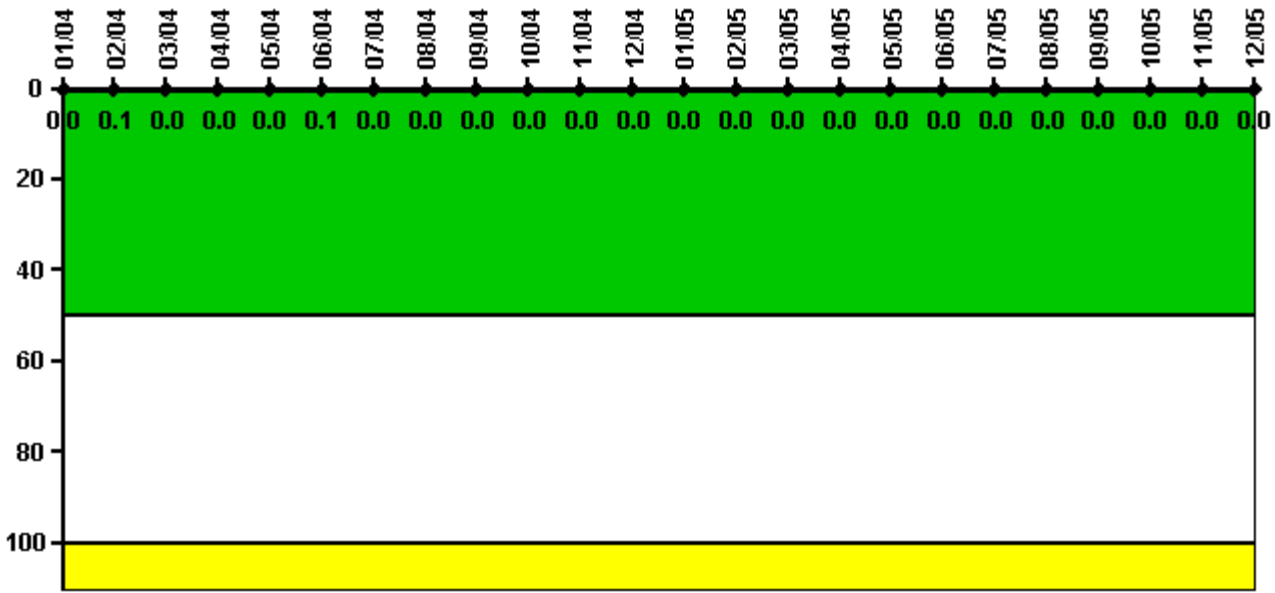
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



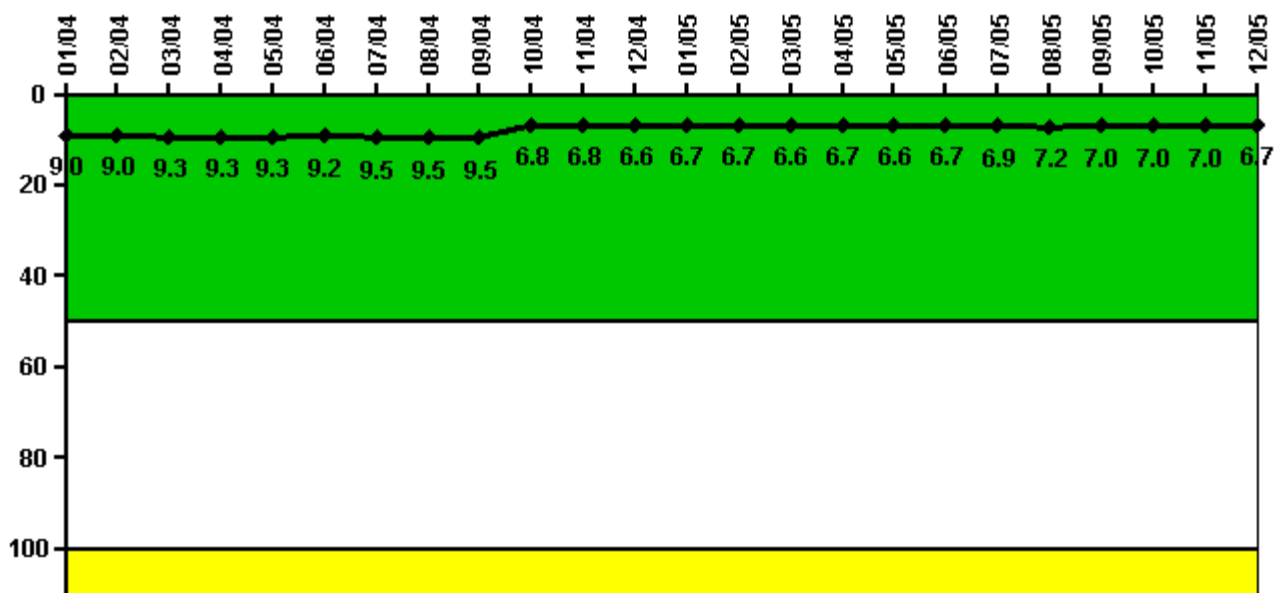
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000017 | 0.000231 | 0.000043 | 0.000012 | 0.000030 | 0.000119 | 0.000023 | 0.000029 | 0.000015 | 0.000008 | 0.000002 | 0.000021 |
| 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 | 0.1 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0.000016 | 0.000017 | 0.000026 | 0.000018 | 0.000018 | 0.000031 | 0.000059 | 0.000071 | 0.000076 | 0.000046 | 0.000031 | 0.000025 |
| 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

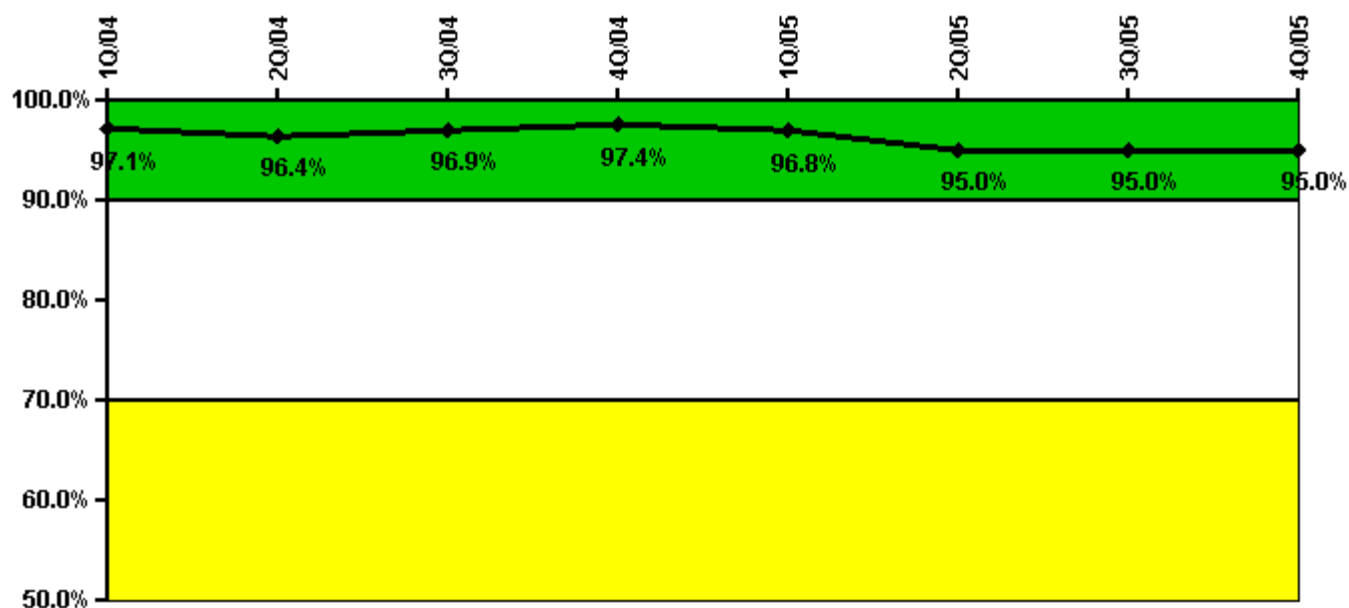
Notes

| Reactor Coolant System Leakage | 1/04 | 2/04 | 3/04 | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.250 | 2.250 | 2.320 | 2.330 | 2.330 | 2.310 | 2.370 | 2.380 | 2.380 | 1.710 | 1.710 | 1.650 |
| 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 | 9.0 | 9.0 | 9.3 | 9.3 | 9.3 | 9.2 | 9.5 | 9.5 | 9.5 | 6.8 | 6.8 | 6.6 |

| 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 | 1.680 | 1.670 | 1.650 | 1.670 | 1.640 | 1.680 | 1.730 | 1.790 | 1.750 | 1.740 | 1.750 | 1.670 |
| 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 | 6.7 | 6.7 | 6.6 | 6.7 | 6.6 | 6.7 | 6.9 | 7.2 | 7.0 | 7.0 | 7.0 | 6.7 |

Licensee Comments: none

Drill/Exercise Performance



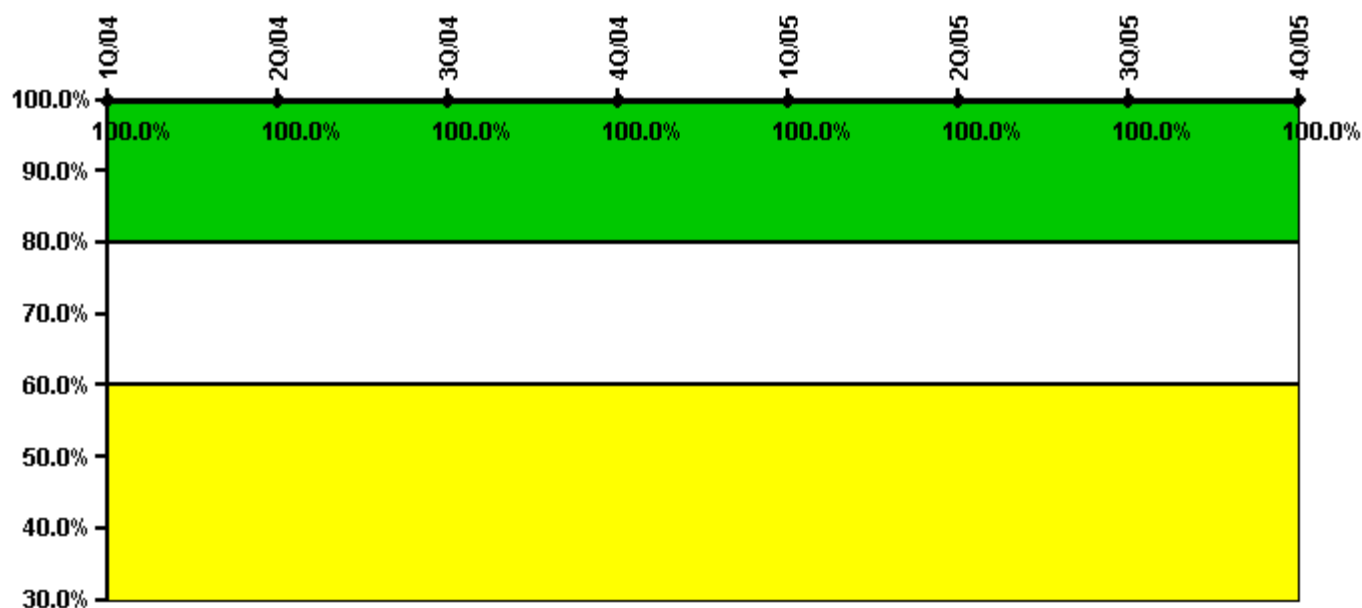
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 49.0 | 36.0 | 36.0 | 24.0 | 28.0 | 34.0 | 20.0 | 20.0 |
| Total opportunities | 50.0 | 40.0 | 36.0 | 24.0 | 30.0 | 39.0 | 20.0 | 21.0 |
| Indicator value | 97.1% | 96.4% | 96.9% | 97.4% | 96.8% | 95.0% | 95.0% | 95.0% |

Licensee Comments: none

ERO Drill Participation



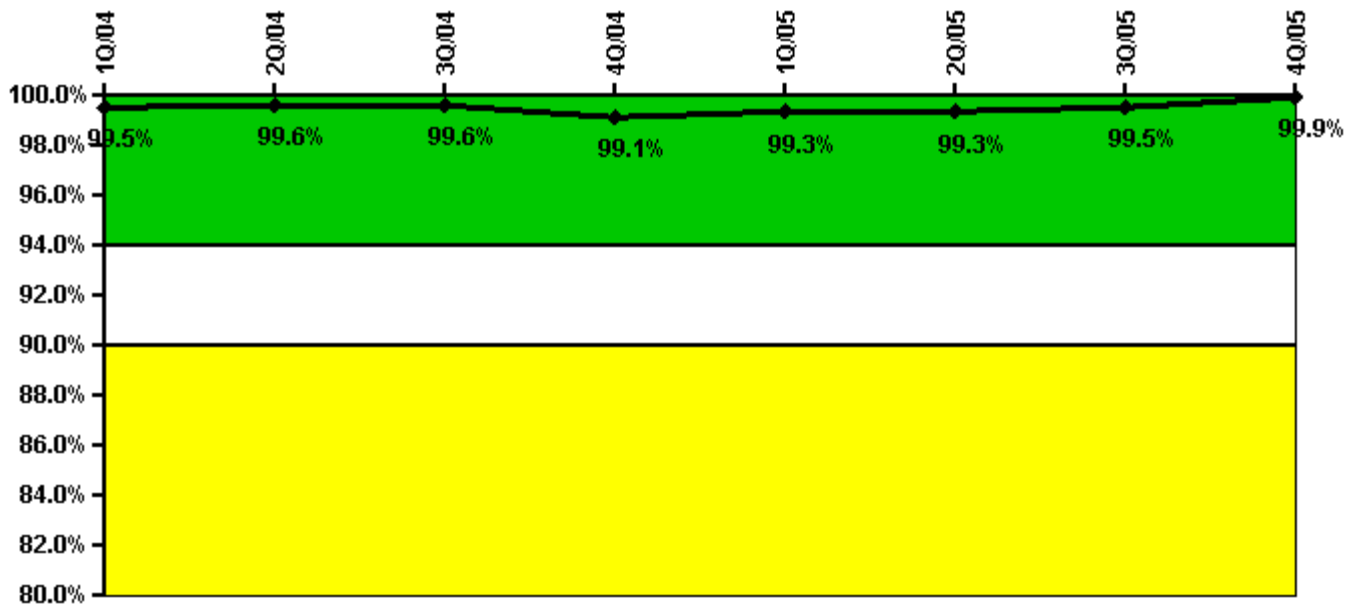
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 68.0 | 69.0 | 69.0 | 75.0 | 79.0 | 75.0 | 75.0 | 76.0 |
| Total Key personnel | 68.0 | 69.0 | 69.0 | 75.0 | 79.0 | 75.0 | 75.0 | 76.0 |
| 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 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1254 | 1258 | 288 | 659 | 1238 | 1259 | 1259 | 1164 |
| Total sirens-tests | 1261 | 1261 | 291 | 679 | 1238 | 1261 | 1261 | 1164 |
| Indicator value | 99.5% | 99.6% | 99.6% | 99.1% | 99.3% | 99.3% | 99.5% | 99.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1Q/04 | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

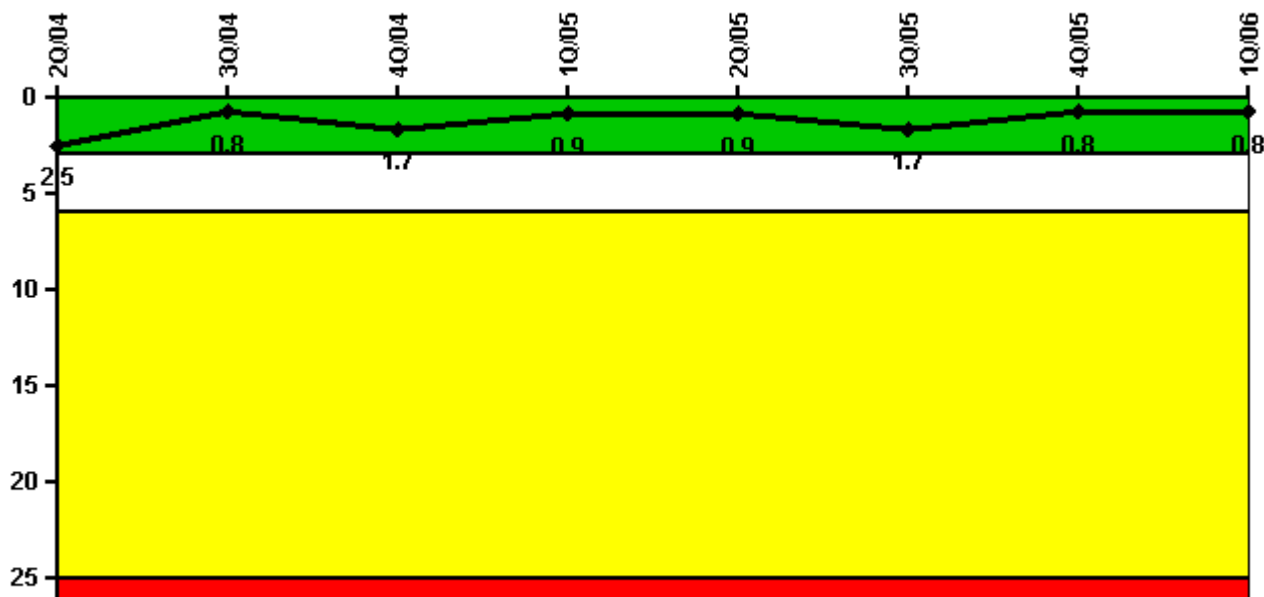
[Physical Protection](#) information not publicly available.

Peach Bottom 2

1Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



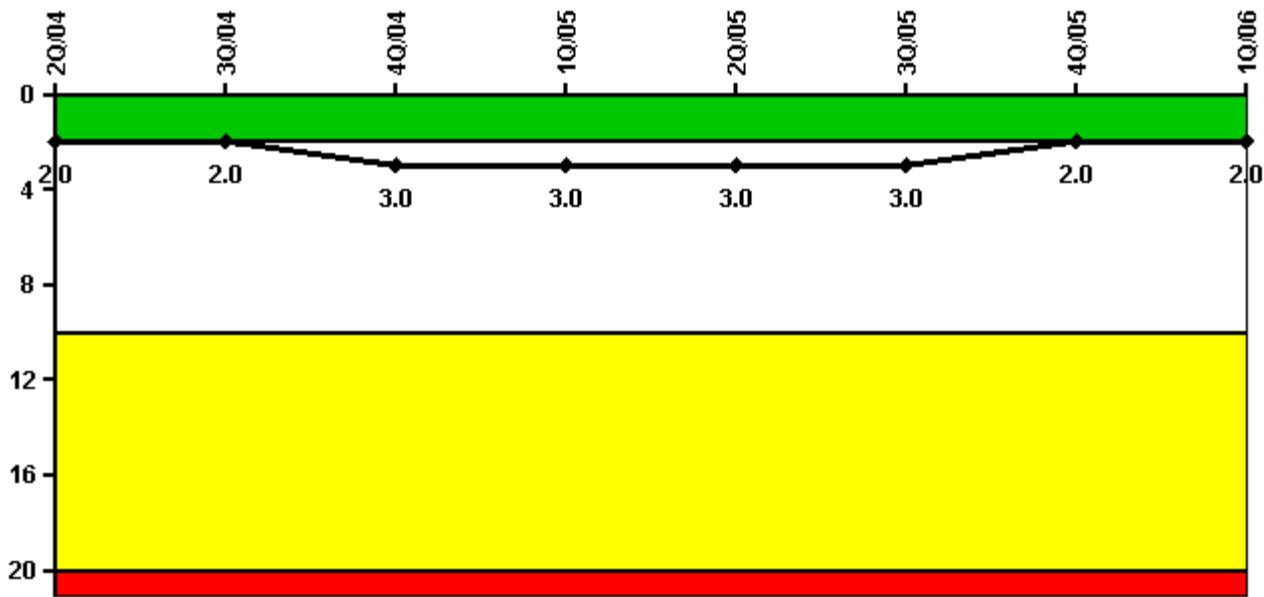
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 1.0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2183.0 | 1815.3 | 2020.5 | 2108.9 | 2183.0 | 2112.2 | 2209.0 | 2160.0 |
| Indicator value | 2.5 | 0.8 | 1.7 | 0.9 | 0.9 | 1.7 | 0.8 | 0.8 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



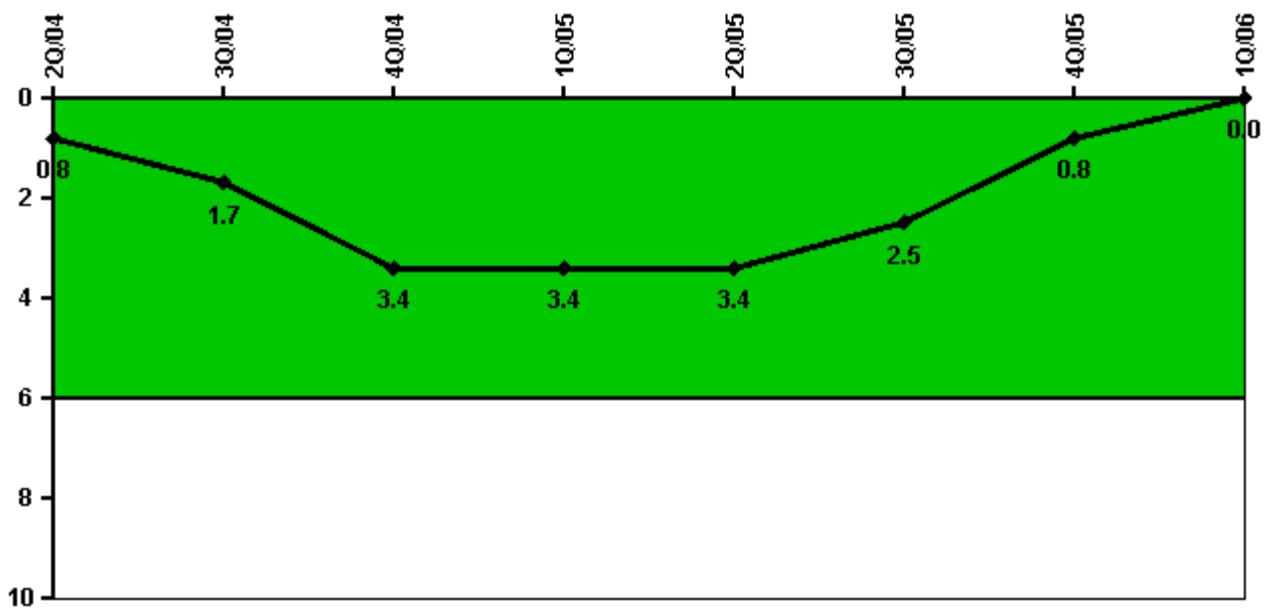
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



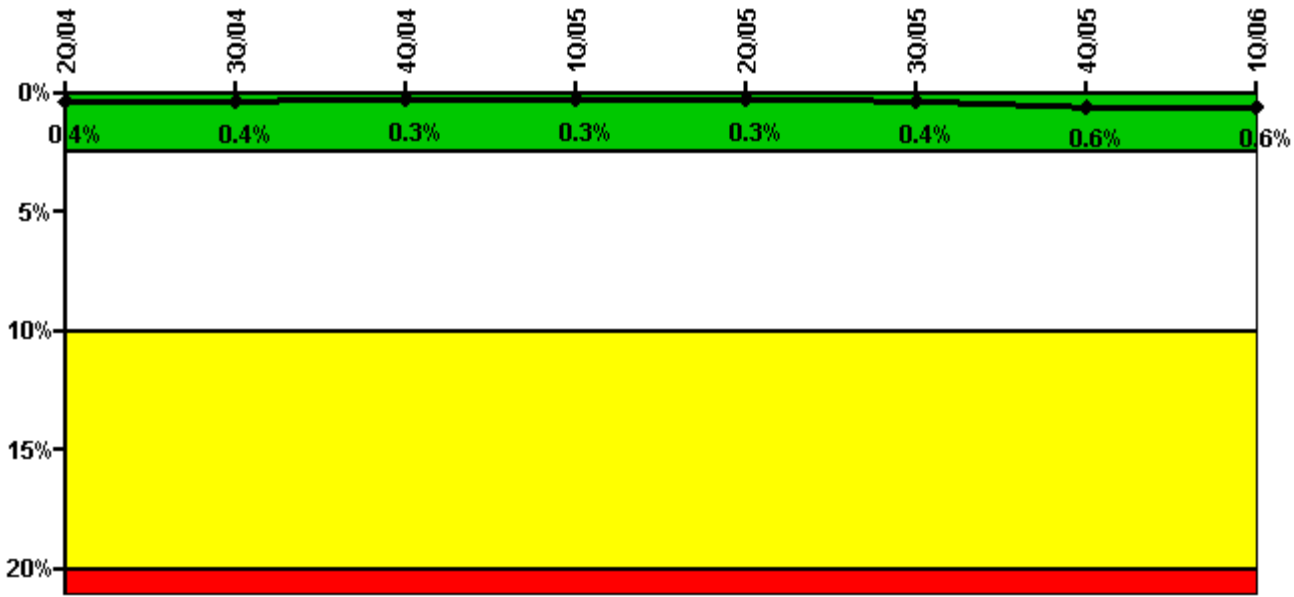
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|------------|------------|------------|------------|------------|------------|------------|----------|
| Unplanned power changes | 0 | 1.0 | 2.0 | 1.0 | 0 | 0 | 0 | 0 |
| Critical hours | 2183.0 | 1815.3 | 2020.5 | 2108.9 | 2183.0 | 2112.2 | 2209.0 | 2160.0 |
| Indicator value | 0.8 | 1.7 | 3.4 | 3.4 | 3.4 | 2.5 | 0.8 | 0 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



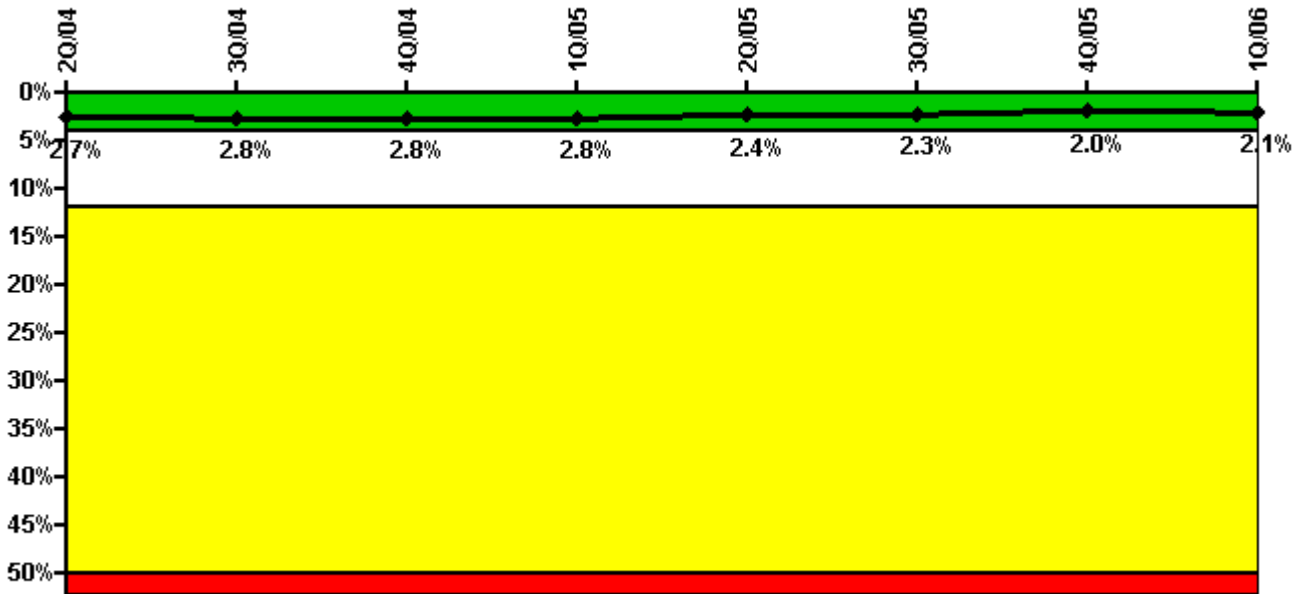
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

| Safety System Unavailability, Emergency AC Power, >2EDG | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 37.25 | 0 | 8.50 | 0 | 0 | 0 | 8.25 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 6.75 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2012.25 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 10.50 | 1.00 | 95.00 | 9.75 | 13.50 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 20.75 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 115.50 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2020.25 | 2061.50 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 3 | | | | | | | | |
| Planned unavailable hours | 0 | 48.50 | 0 | 0 | 0.50 | 3.50 | 117.50 | 11.75 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2012.25 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 4 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 0 | 0 | 0.75 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.25 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2020.25 | 2061.50 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Indicator value | 0.4% | 0.4% | 0.3% | 0.3% | 0.3% | 0.4% | 0.6% | 0.6% |

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



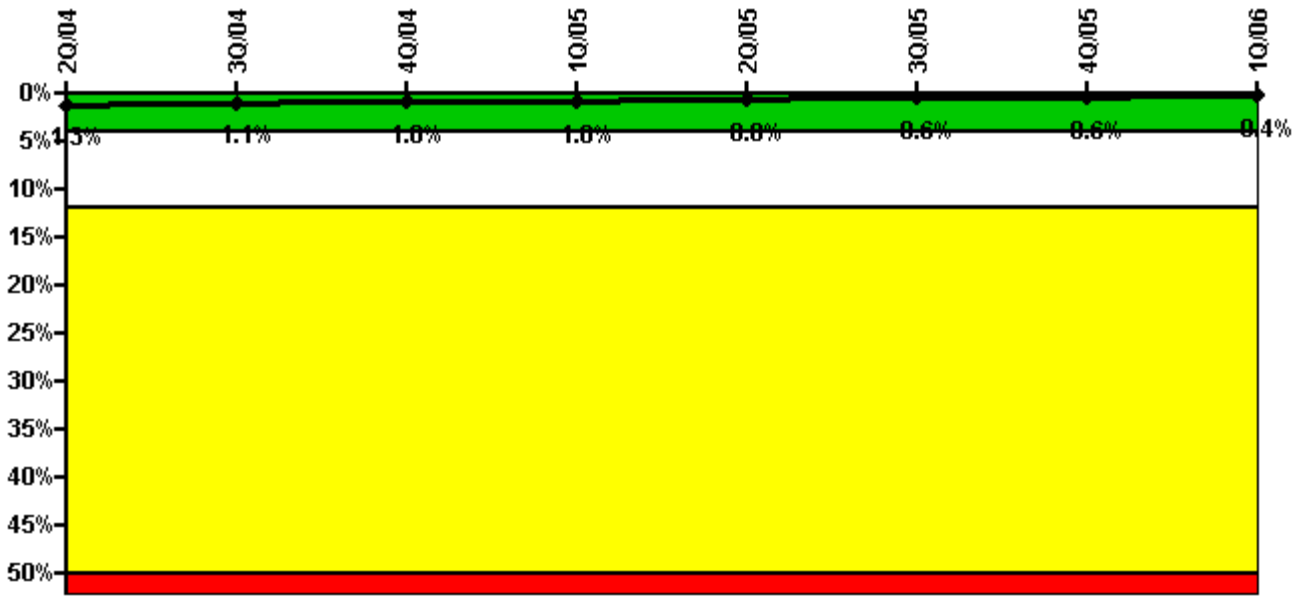
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, High Pressure Injection System (HPCI) | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 115.45 | 13.80 | 17.48 | 2.05 | 17.40 | 0 | 28.62 | 26.91 |
| Unplanned unavailable hours | 173.50 | 1.95 | 0 | 0 | 0 | 0 | 0.55 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 1815.28 | 2020.50 | 2108.90 | 2183.00 | 2132.30 | 2209.00 | 2160.00 |
| Indicator value | 2.7% | 2.8% | 2.8% | 2.8% | 2.4% | 2.3% | 2.0% | 2.1% |

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



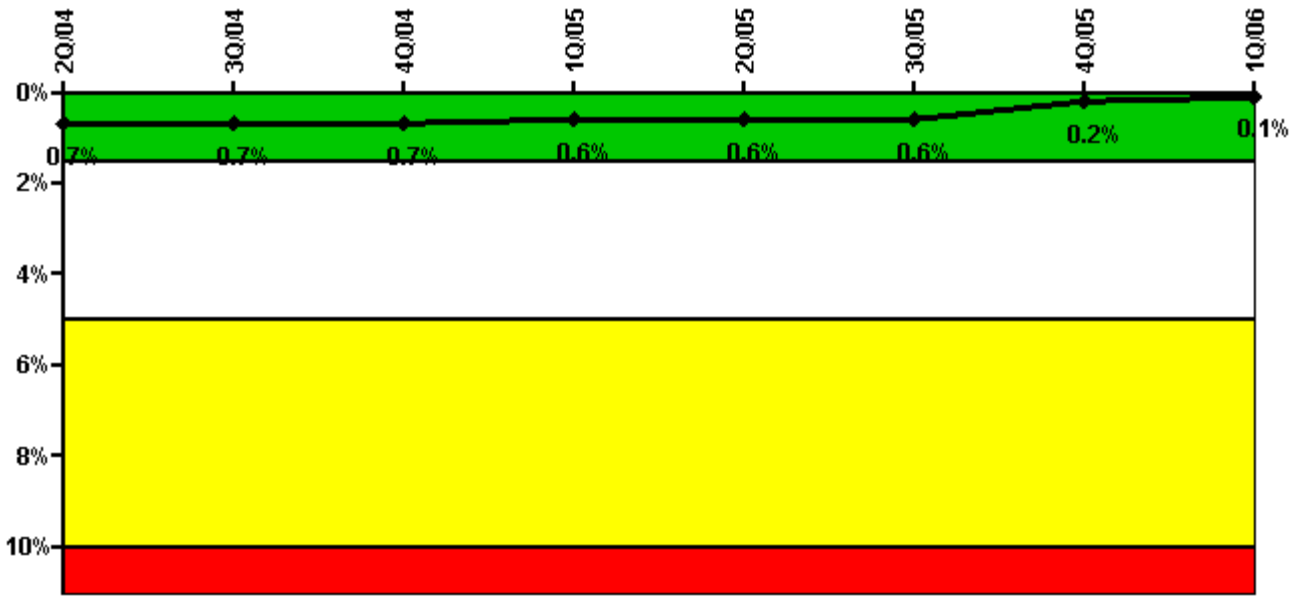
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

| Safety System Unavailability, Heat Removal System (RCIC) | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 1.82 | 2.53 | 2.00 | 2.07 | 2.55 | 3.78 | 12.18 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 1815.28 | 2020.50 | 2108.90 | 2183.00 | 2132.30 | 2209.00 | 2160.00 |
| Indicator value | 1.3% | 1.1% | 1.0% | 1.0% | 0.8% | 0.6% | 0.6% | 0.4% |

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



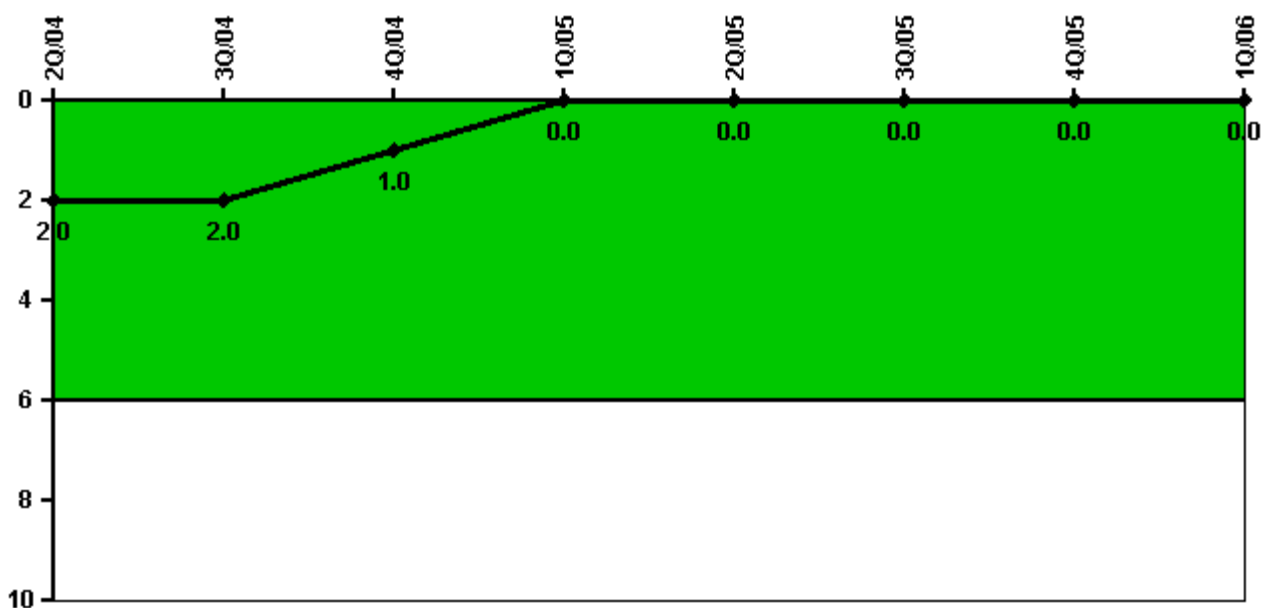
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Residual Heat Removal System | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Train 1 | | | | | | | | |
| Planned unavailable hours | 0 | 0 | 1.18 | 0 | 0 | 0 | 0 | 16.53 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 2209.00 | 2160.00 | 2183.00 | 2208.00 | 2209.00 | 2160.00 |
| Train 2 | | | | | | | | |
| Planned unavailable hours | 6.70 | 0 | 1.13 | 0 | 0 | 0 | 0 | 0 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 1824.30 | 2103.40 | 2125.40 | 2183.00 | 2147.80 | 2209.00 | 2160.00 |
| Indicator value | 0.7% | 0.7% | 0.7% | 0.6% | 0.6% | 0.6% | 0.2% | 0.1% |

Licensee Comments: none

Safety System Functional Failures (BWR)



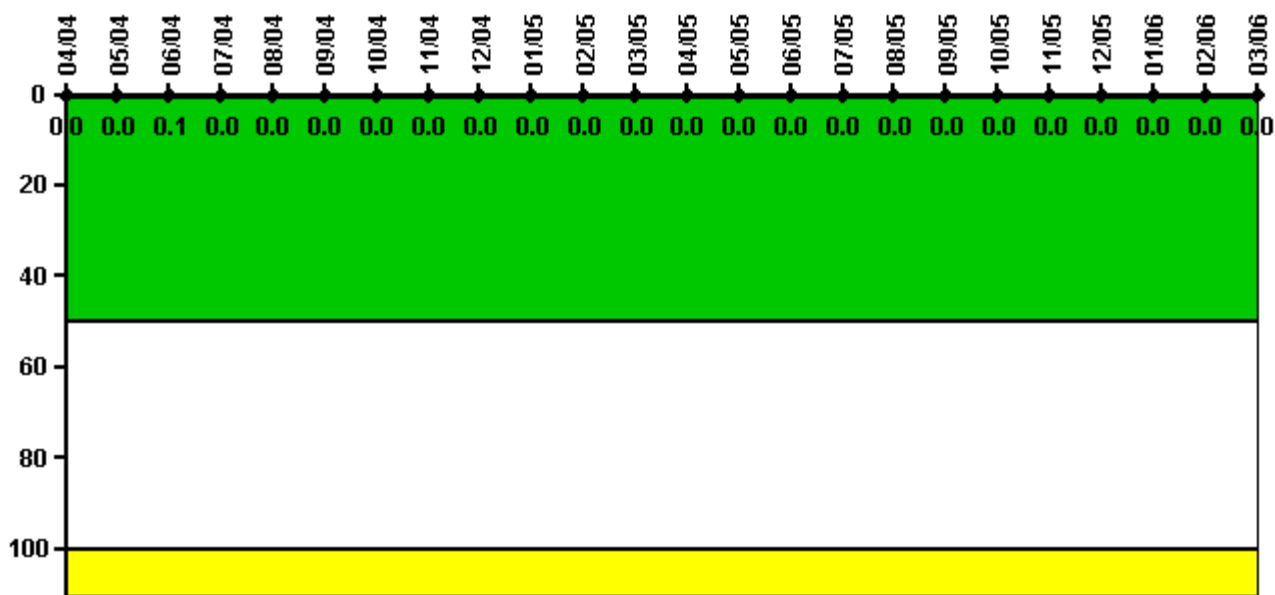
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



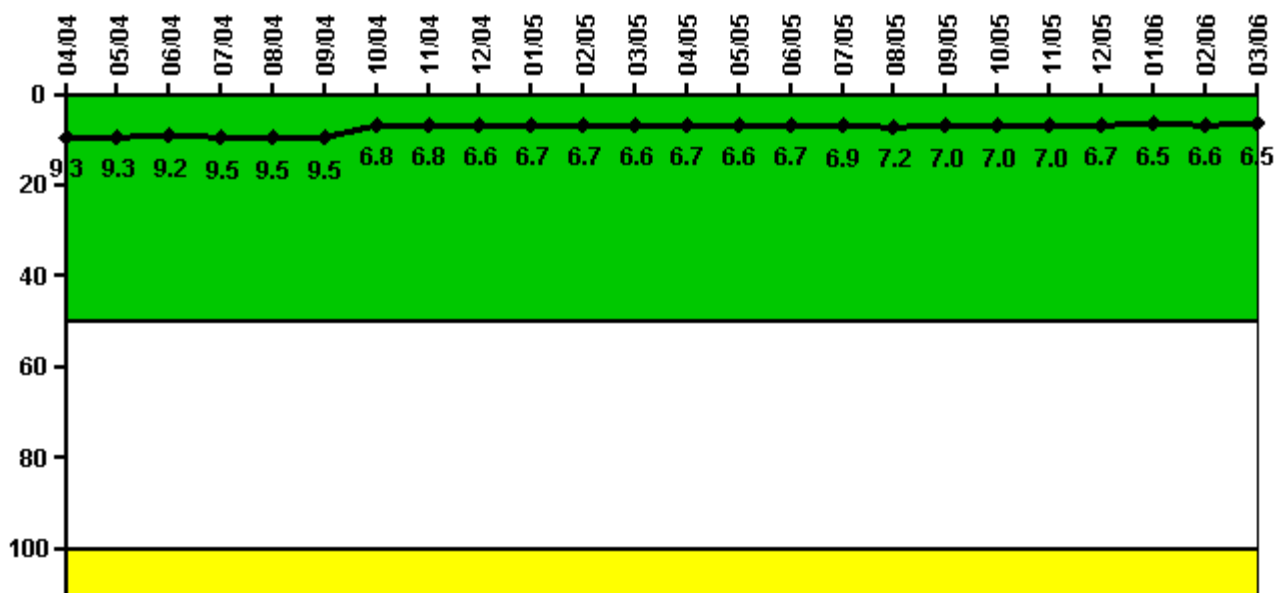
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000012 | 0.000030 | 0.000119 | 0.000023 | 0.000029 | 0.000015 | 0.000008 | 0.000002 | 0.000021 | 0.000016 | 0.000017 | 0.000026 |
| 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 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reactor Coolant System Activity | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 |
| Maximum activity | 0.000018 | 0.000018 | 0.000031 | 0.000059 | 0.000071 | 0.000076 | 0.000046 | 0.000031 | 0.000025 | 0.000073 | 0.000044 | 0.000041 |
| 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

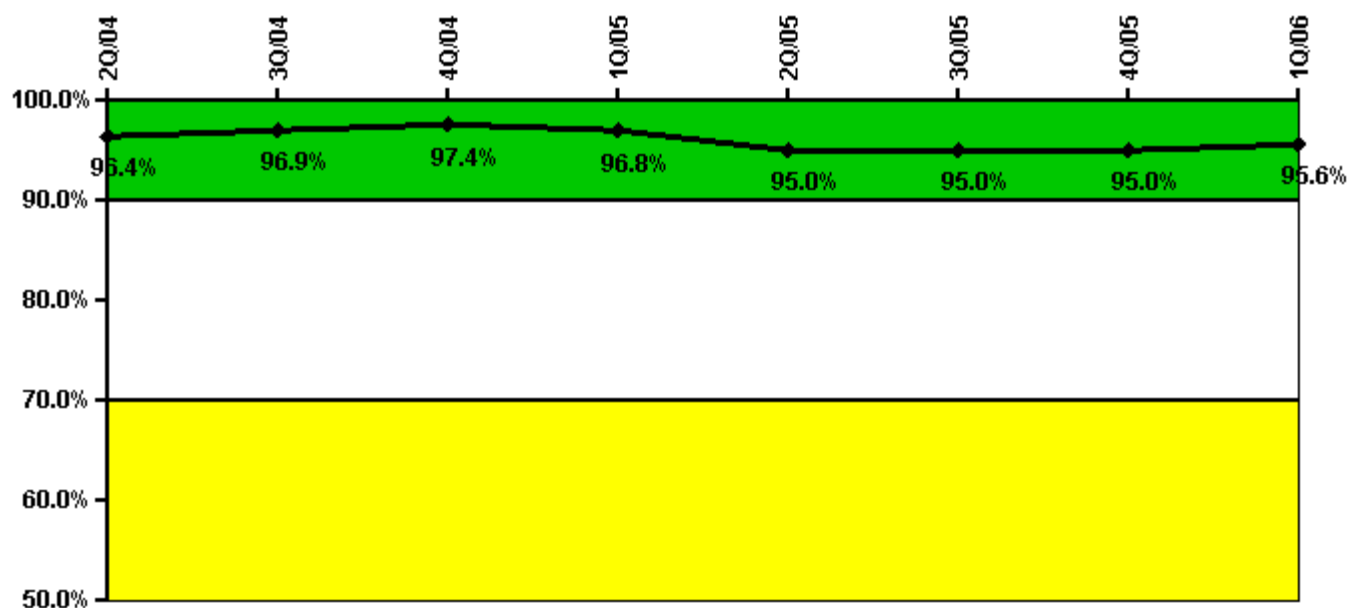
Notes

| Reactor Coolant System Leakage | 4/04 | 5/04 | 6/04 | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.330 | 2.330 | 2.310 | 2.370 | 2.380 | 2.380 | 1.710 | 1.710 | 1.650 | 1.680 | 1.670 | 1.650 |
| 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 | 9.3 | 9.3 | 9.2 | 9.5 | 9.5 | 9.5 | 6.8 | 6.8 | 6.6 | 6.7 | 6.7 | 6.6 |

| Reactor Coolant System Leakage | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.670 | 1.640 | 1.680 | 1.730 | 1.790 | 1.750 | 1.740 | 1.750 | 1.670 | 1.620 | 1.650 | 1.620 |
| 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 | 6.7 | 6.6 | 6.7 | 6.9 | 7.2 | 7.0 | 7.0 | 7.0 | 6.7 | 6.5 | 6.6 | 6.5 |

Licensee Comments: none

Drill/Exercise Performance



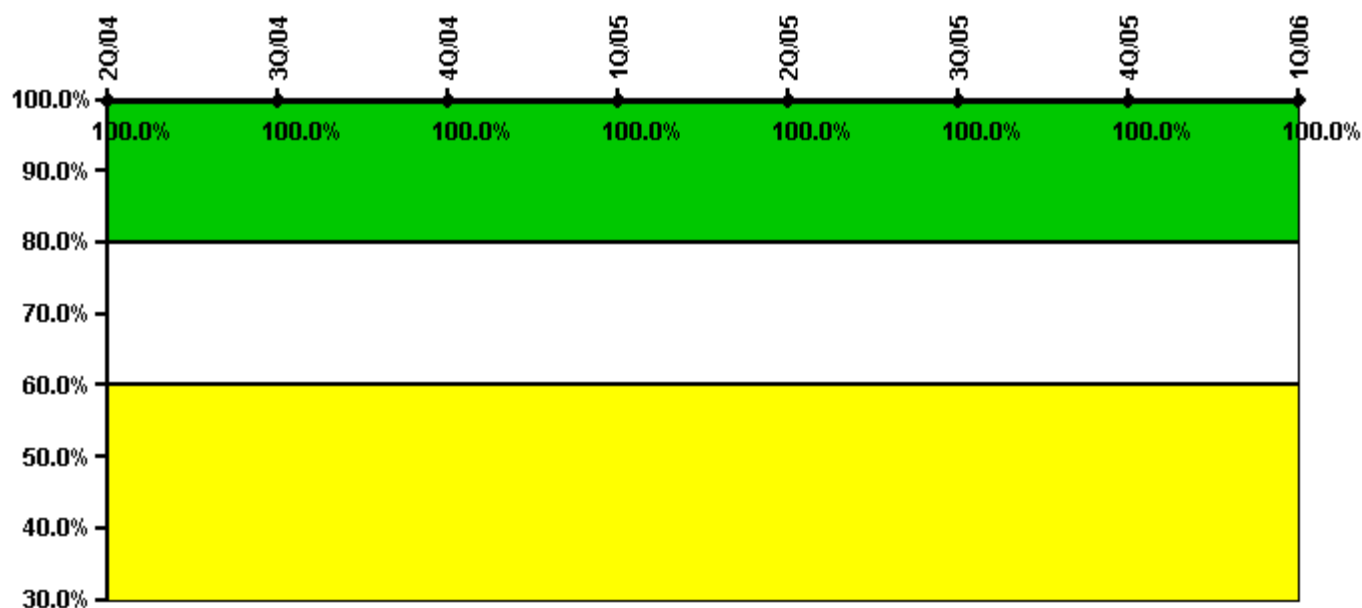
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 36.0 | 36.0 | 24.0 | 28.0 | 34.0 | 20.0 | 20.0 | 109.0 |
| Total opportunities | 40.0 | 36.0 | 24.0 | 30.0 | 39.0 | 20.0 | 21.0 | 111.0 |
| Indicator value | 96.4% | 96.9% | 97.4% | 96.8% | 95.0% | 95.0% | 95.0% | 95.6% |

Licensee Comments: none

ERO Drill Participation



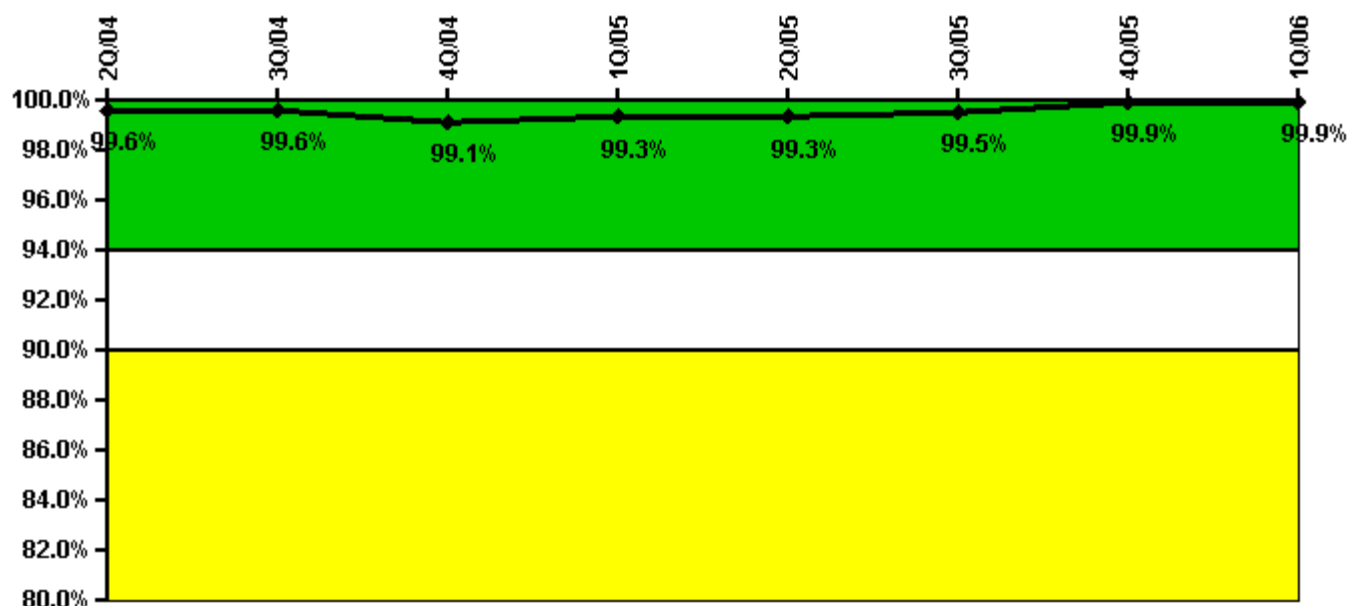
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 69.0 | 69.0 | 75.0 | 79.0 | 75.0 | 75.0 | 76.0 | 76.0 |
| Total Key personnel | 69.0 | 69.0 | 75.0 | 79.0 | 75.0 | 75.0 | 76.0 | 76.0 |
| 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%

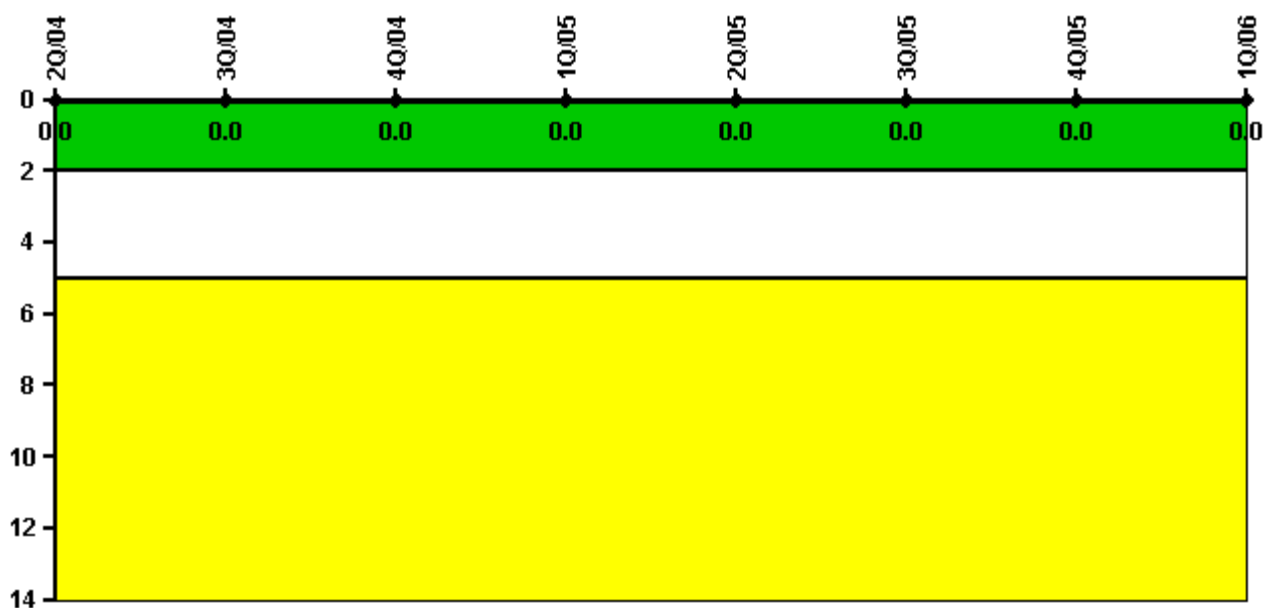
Notes

| Alert & Notification System | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1258 | 288 | 659 | 1238 | 1259 | 1259 | 1261 | 1258 |
| Total sirens-tests | 1261 | 291 | 679 | 1238 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 99.6% | 99.6% | 99.1% | 99.3% | 99.3% | 99.5% | 99.9% | 99.9% |

Licensee Comments:

4Q/05: Revised data to include test results from 5th Monthly test - This test was inadvertently omitted from the original data. No change to PI color.

Occupational Exposure Control Effectiveness



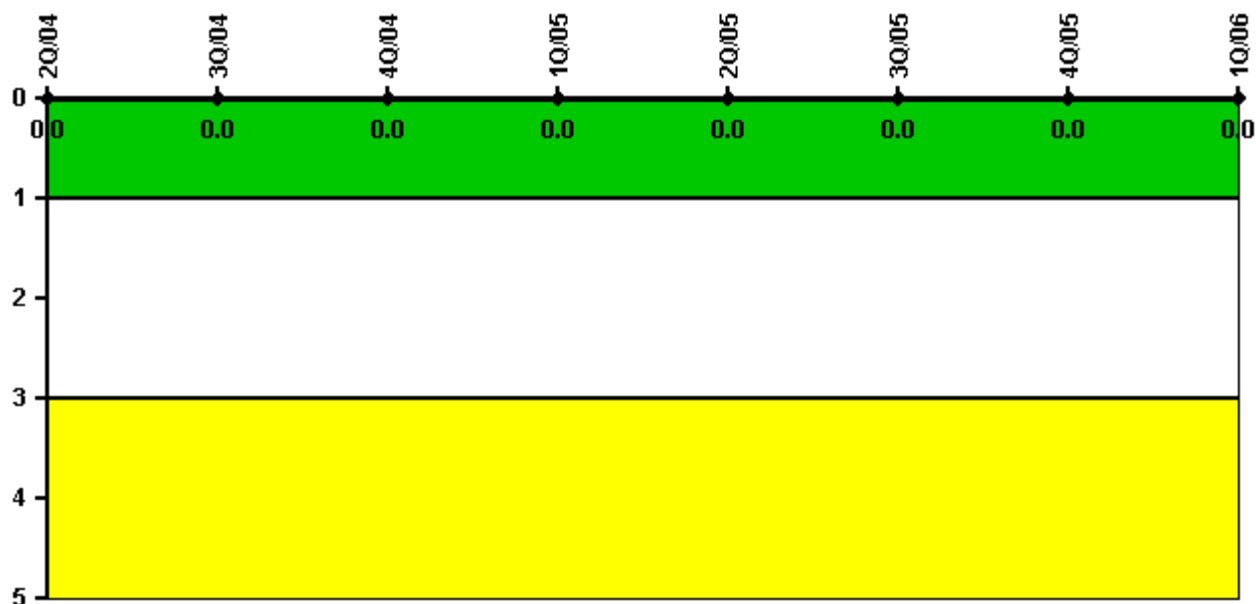
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/04 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/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.

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

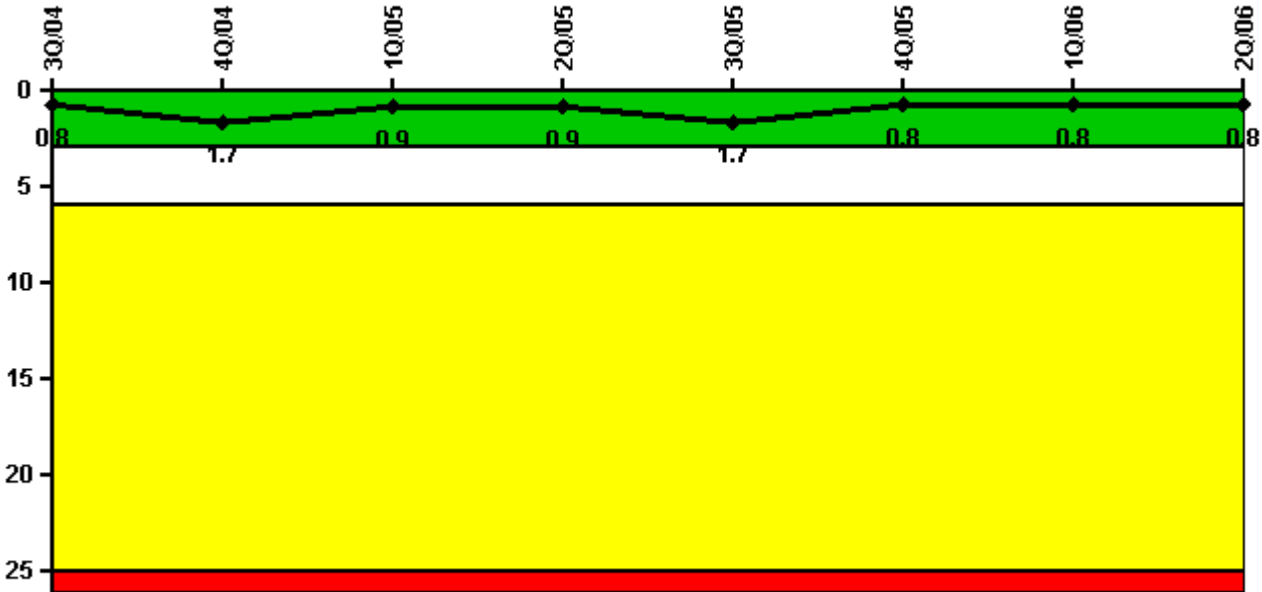
Last Modified: May 5, 2006

Peach Bottom 2

2Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



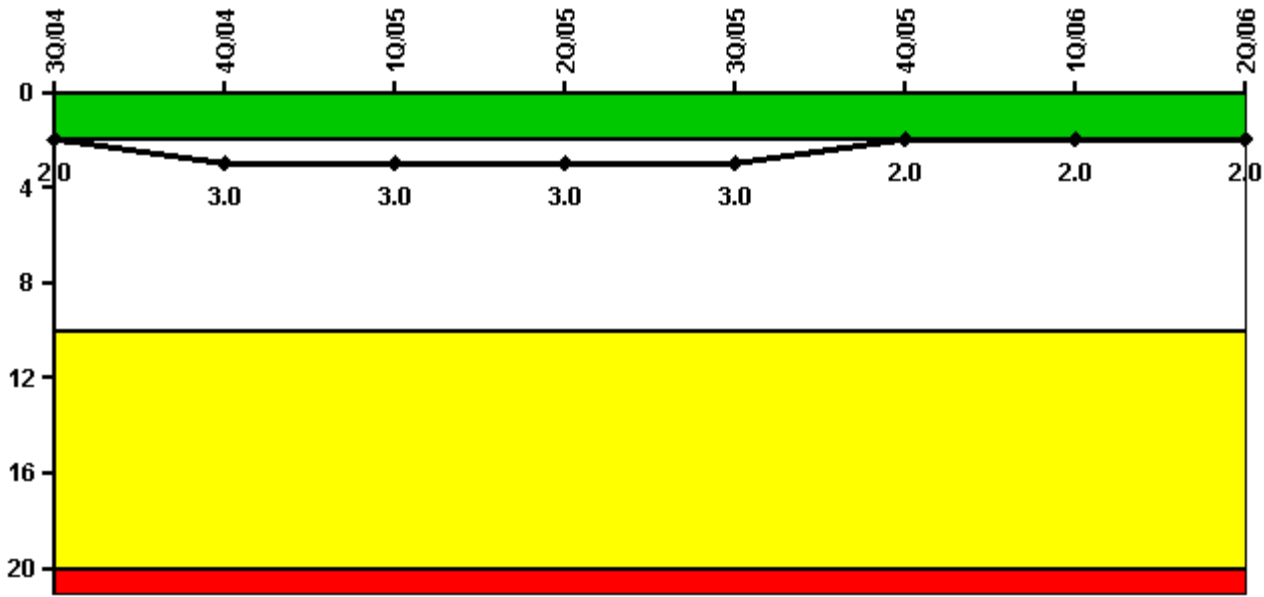
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 1.0 | 0 | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 1815.3 | 2020.5 | 2108.9 | 2183.0 | 2112.2 | 2209.0 | 2160.0 | 2183.0 |
| Indicator value | 0.8 | 1.7 | 0.9 | 0.9 | 1.7 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



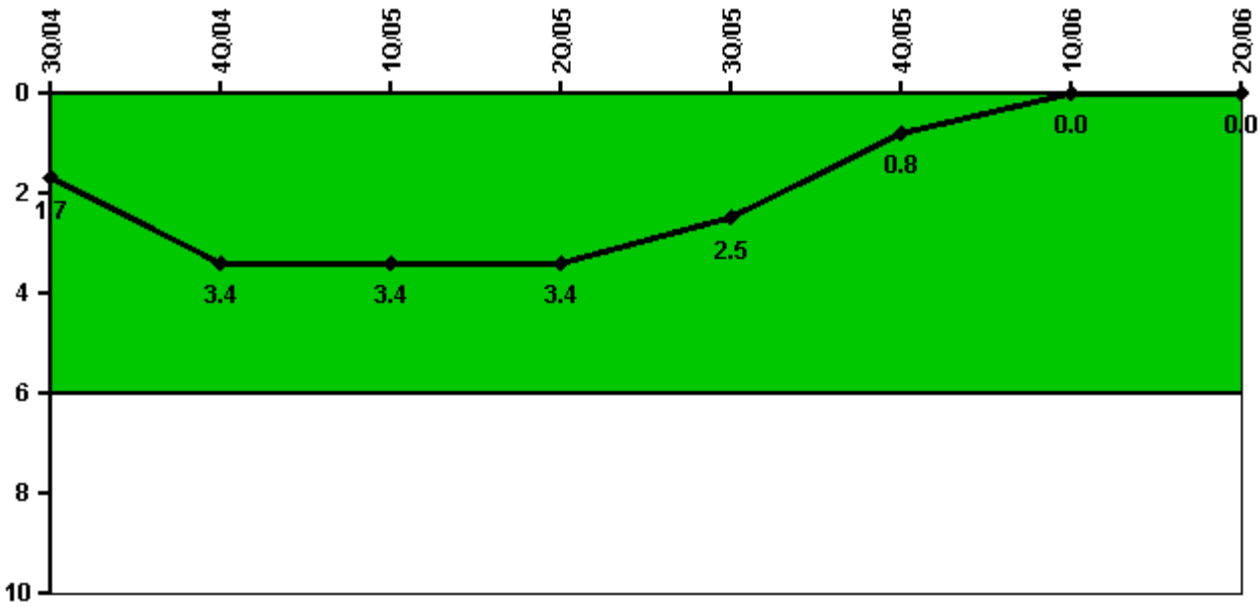
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



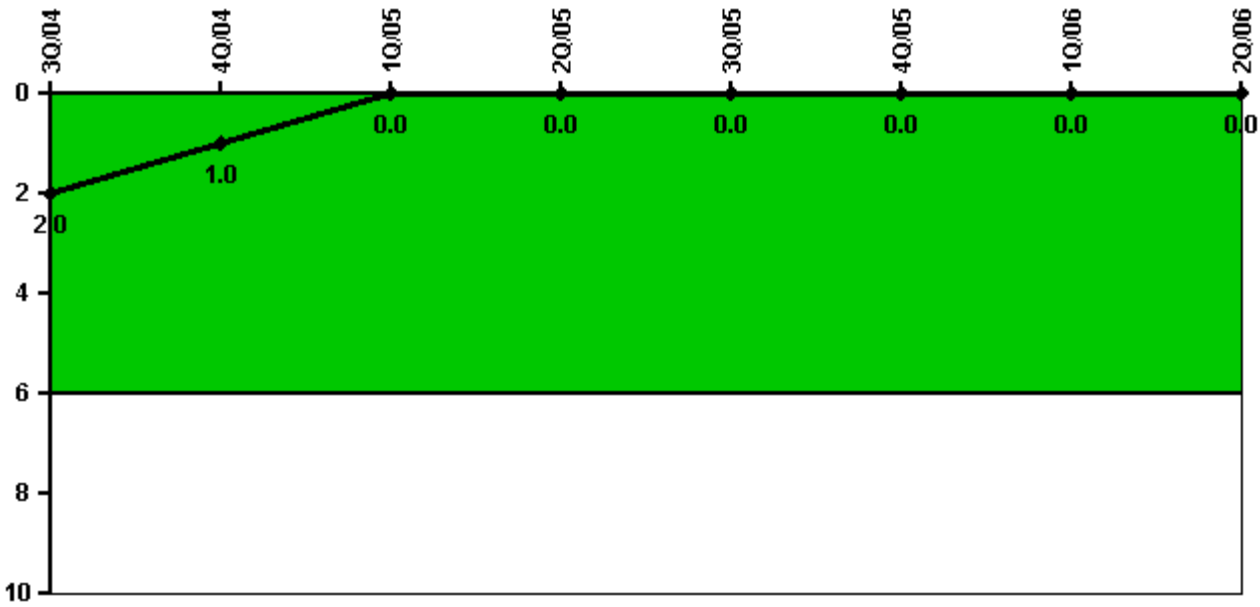
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|------------|------------|------------|------------|------------|------------|----------|----------|
| Unplanned power changes | 1.0 | 2.0 | 1.0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1815.3 | 2020.5 | 2108.9 | 2183.0 | 2112.2 | 2209.0 | 2160.0 | 2183.0 |
| Indicator value | 1.7 | 3.4 | 3.4 | 3.4 | 2.5 | 0.8 | 0 | 0 |

Licensee Comments: none

Safety System Functional Failures (BWR)



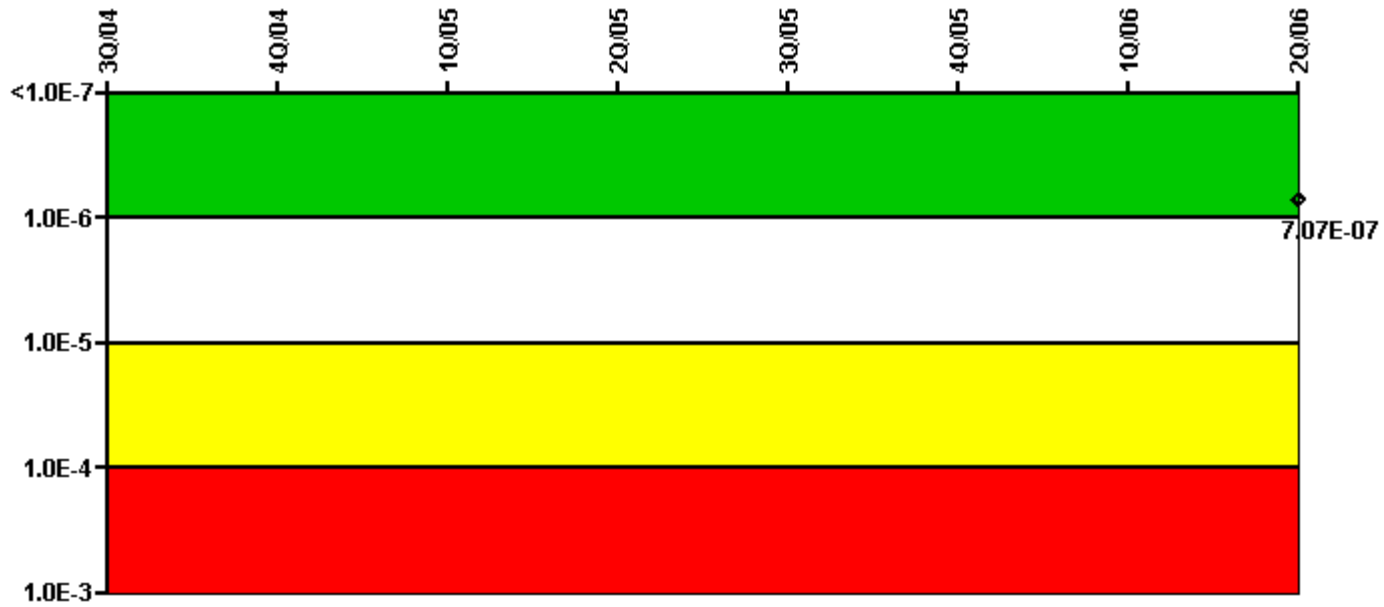
Thresholds: White > 6.0

Notes

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

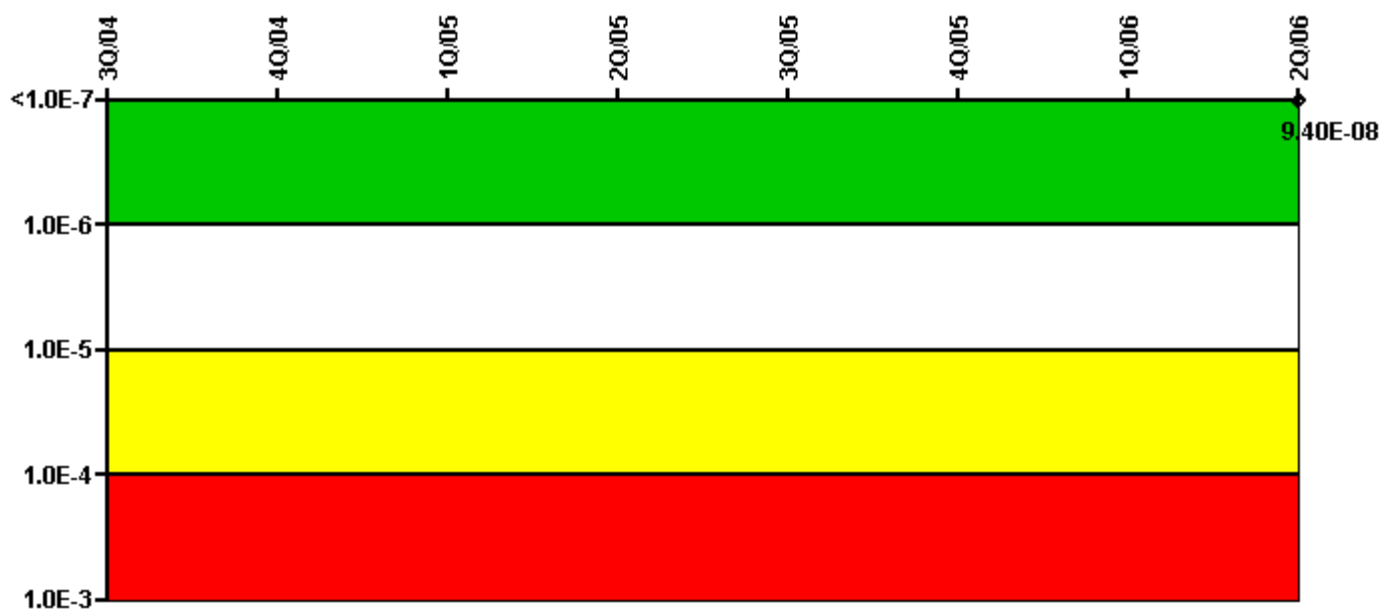
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|-----------------|
| UAI (ΔCDF) | | | | | | | | 8.70E-08 |
| URI (ΔCDF) | | | | | | | | 6.20E-07 |
| PLE | | | | | | | | NO |
| | | | | | | | | |
| Indicator value | | | | | | | | 7.07E-07 |

Licensee Comments:

2Q/06: CDE Override used to bring EAC PRA parameters into compliance with Revision 0 of the Peach Bottom MSPI Basis Document.

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/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|--|-------|-------|-------|-------|-------|-------|-------|-----------------|
| UAI (Δ CDF) | | | | | | | | 5.80E-08 |
| URI (Δ CDF) | | | | | | | | 3.60E-08 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | 9.40E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



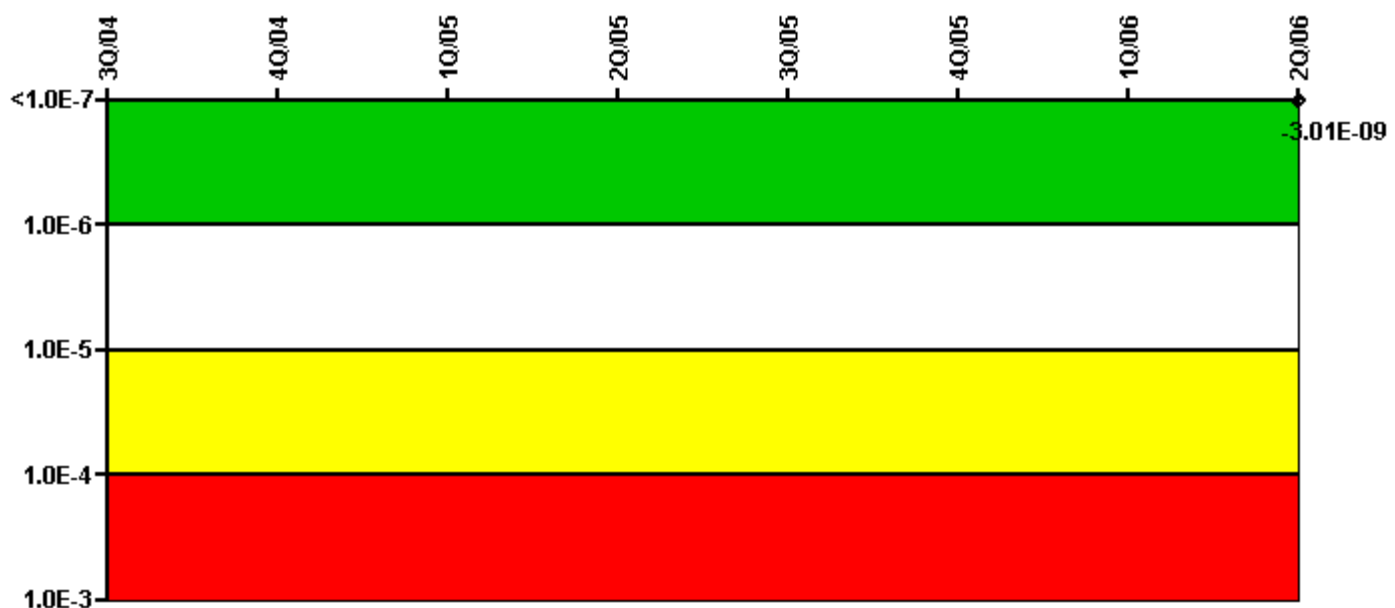
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|------------------|
| UAI (ΔCDF) | | | | | | | | -6.00E-08 |
| URI (ΔCDF) | | | | | | | | -1.80E-07 |
| PLE | | | | | | | | NO |
| | | | | | | | | |
| Indicator value | | | | | | | | -2.40E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



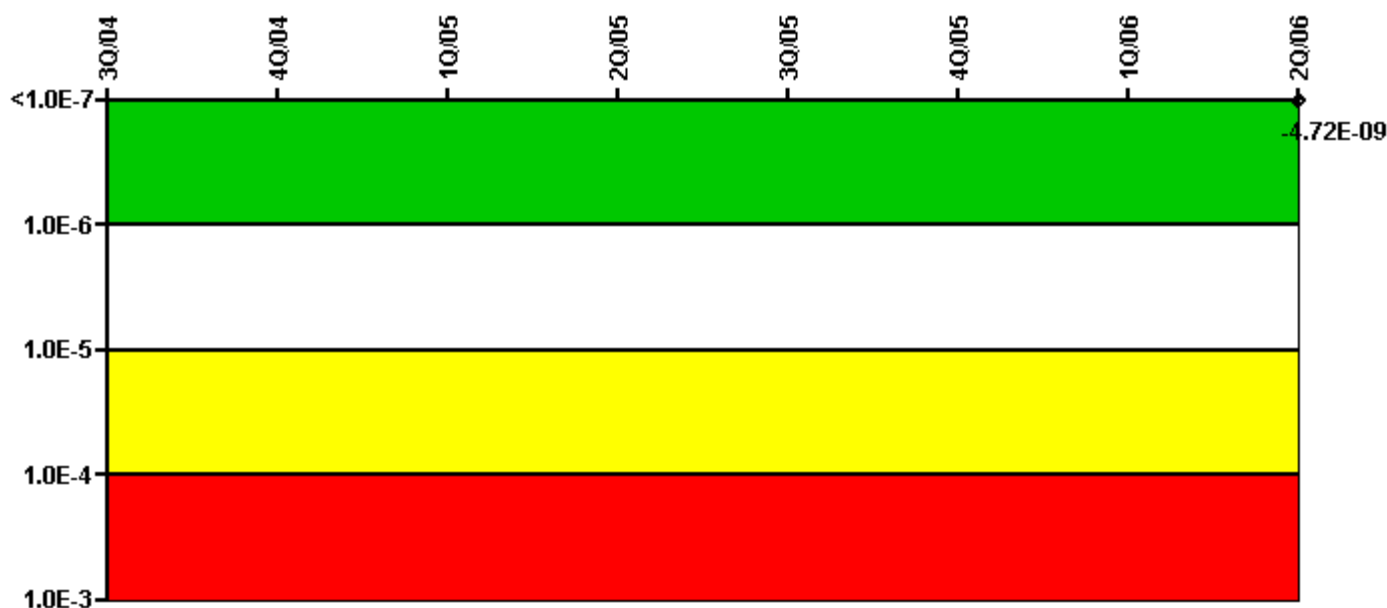
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|--|-------|-------|-------|-------|-------|-------|-------|------------------|
| UAI (ΔCDF) | | | | | | | | -8.10E-10 |
| URI (ΔCDF) | | | | | | | | -2.20E-09 |
| PLE | | | | | | | | NO |
| Indicator value | | | | | | | | -3.01E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



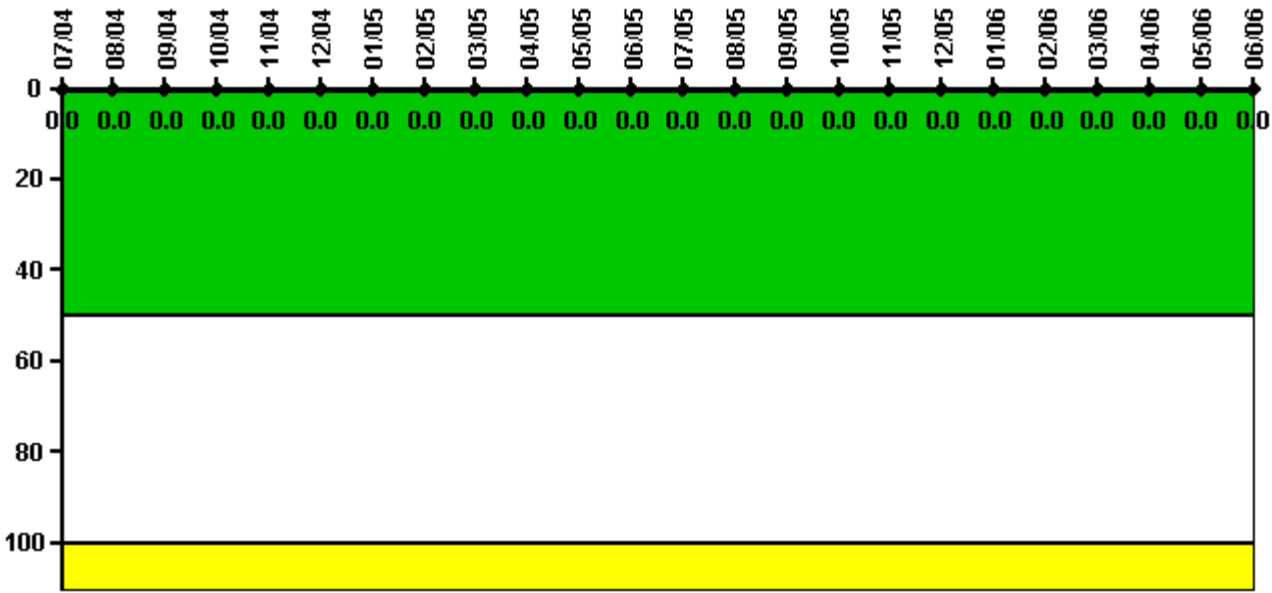
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|-------|-------|-------|-------|-------|-------|-------|------------------|
| UAI (ΔCDF) | | | | | | | | 5.80E-10 |
| URI (ΔCDF) | | | | | | | | -5.30E-09 |
| PLE | | | | | | | | NO |
| | | | | | | | | |
| Indicator value | | | | | | | | -4.72E-09 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

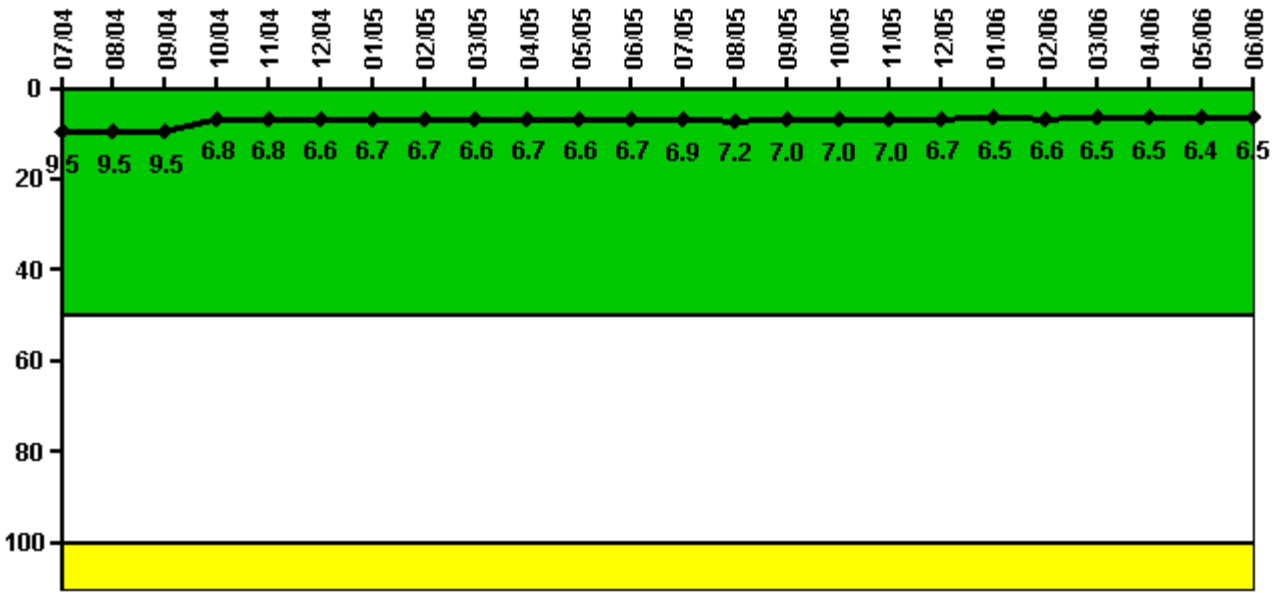
Notes

| Reactor Coolant System Activity | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000023 | 0.000029 | 0.000015 | 0.000008 | 0.000002 | 0.000021 | 0.000016 | 0.000017 | 0.000026 | 0.000018 | 0.000018 | 0.000031 |
| 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 | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000059 | 0.000071 | 0.000076 | 0.000046 | 0.000031 | 0.000025 | 0.000073 | 0.000044 | 0.000041 | 0.000088 | 0.000060 | 0.000061 |
| 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

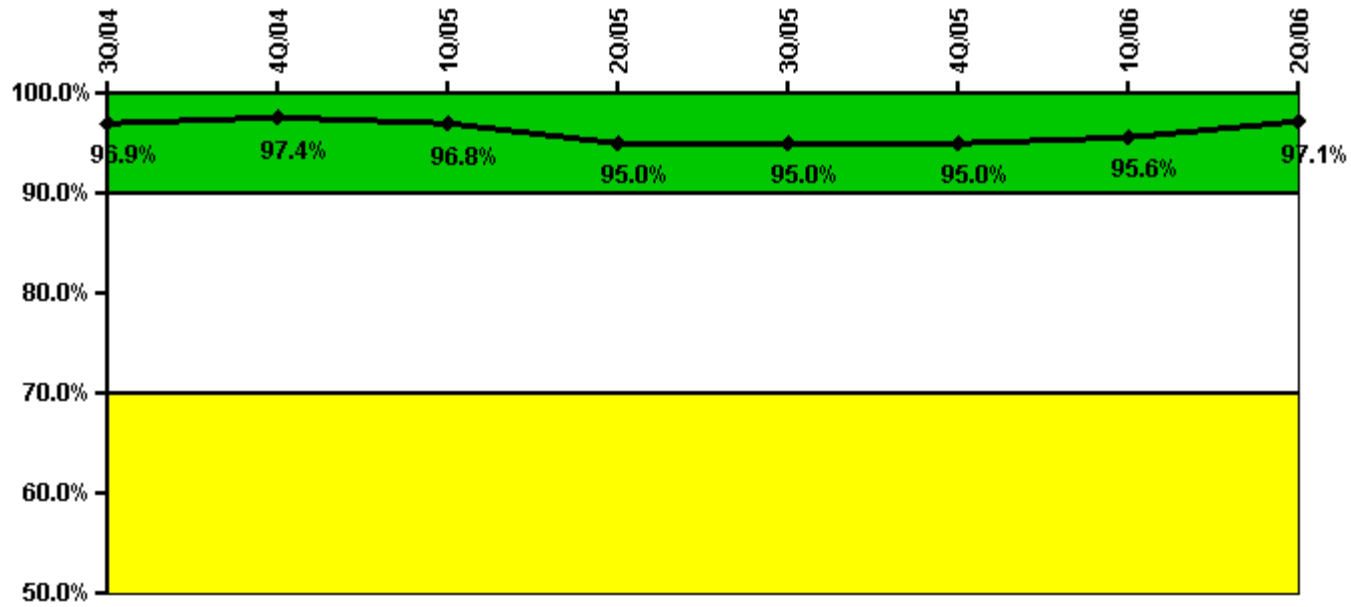
Notes

| Reactor Coolant System Leakage | 7/04 | 8/04 | 9/04 | 10/04 | 11/04 | 12/04 | 1/05 | 2/05 | 3/05 | 4/05 | 5/05 | 6/05 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.370 | 2.380 | 2.380 | 1.710 | 1.710 | 1.650 | 1.680 | 1.670 | 1.650 | 1.670 | 1.640 | 1.680 |
| 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 | 9.5 | 9.5 | 9.5 | 6.8 | 6.8 | 6.6 | 6.7 | 6.7 | 6.6 | 6.7 | 6.6 | 6.7 |

| Reactor Coolant System Leakage | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.730 | 1.790 | 1.750 | 1.740 | 1.750 | 1.670 | 1.620 | 1.650 | 1.620 | 1.620 | 1.600 | 1.620 |
| 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 | 6.9 | 7.2 | 7.0 | 7.0 | 7.0 | 6.7 | 6.5 | 6.6 | 6.5 | 6.5 | 6.4 | 6.5 |

Licensee Comments: none

Drill/Exercise Performance



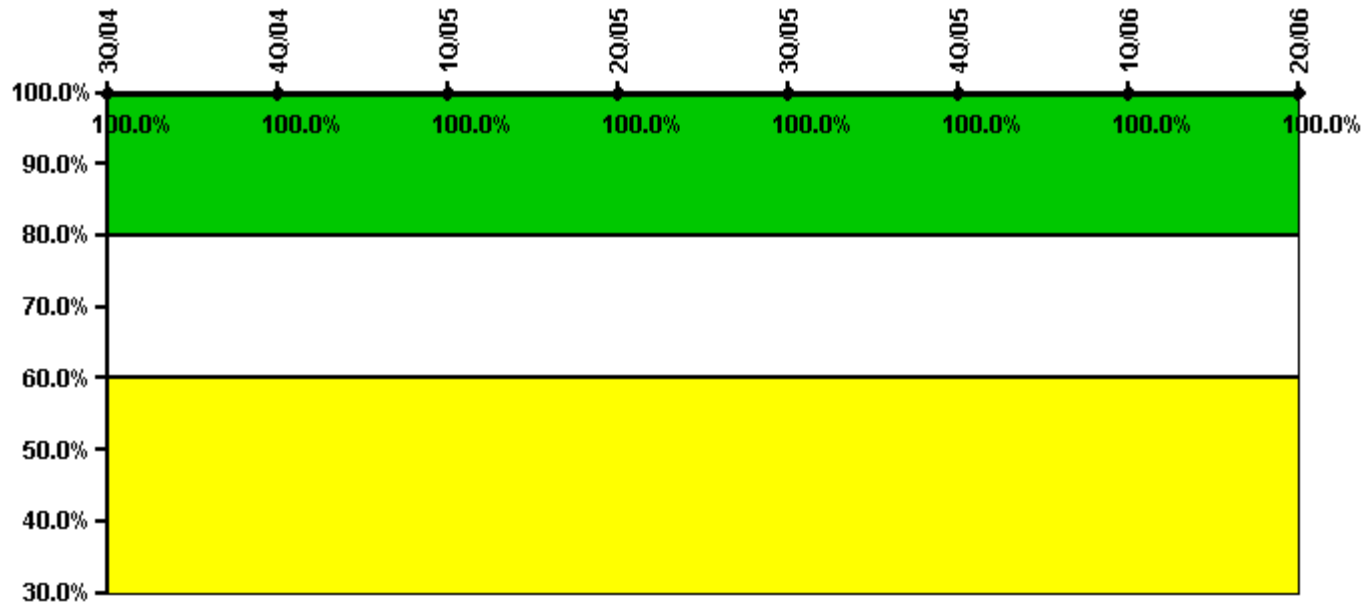
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 36.0 | 24.0 | 28.0 | 34.0 | 20.0 | 20.0 | 109.0 | 58.0 |
| Total opportunities | 36.0 | 24.0 | 30.0 | 39.0 | 20.0 | 21.0 | 111.0 | 58.0 |
| Indicator value | 96.9% | 97.4% | 96.8% | 95.0% | 95.0% | 95.0% | 95.6% | 97.1% |

Licensee Comments: none

ERO Drill Participation



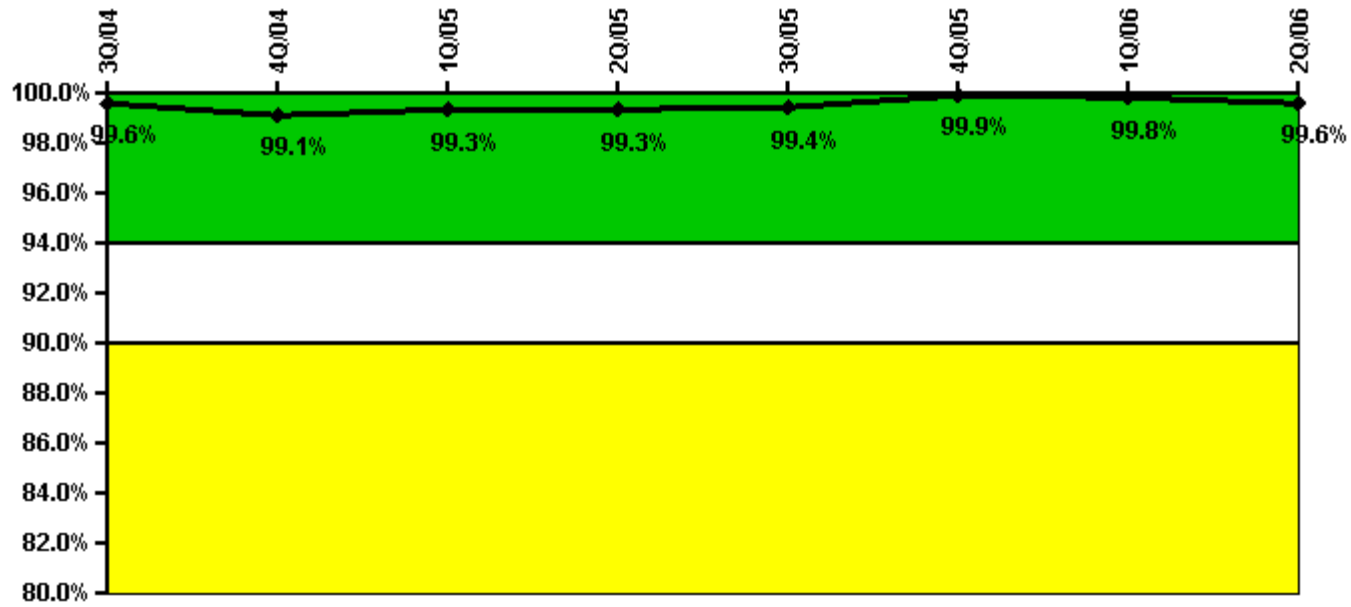
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 69.0 | 75.0 | 79.0 | 75.0 | 75.0 | 76.0 | 76.0 | 75.0 |
| Total Key personnel | 69.0 | 75.0 | 79.0 | 75.0 | 75.0 | 76.0 | 76.0 | 75.0 |
| 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%

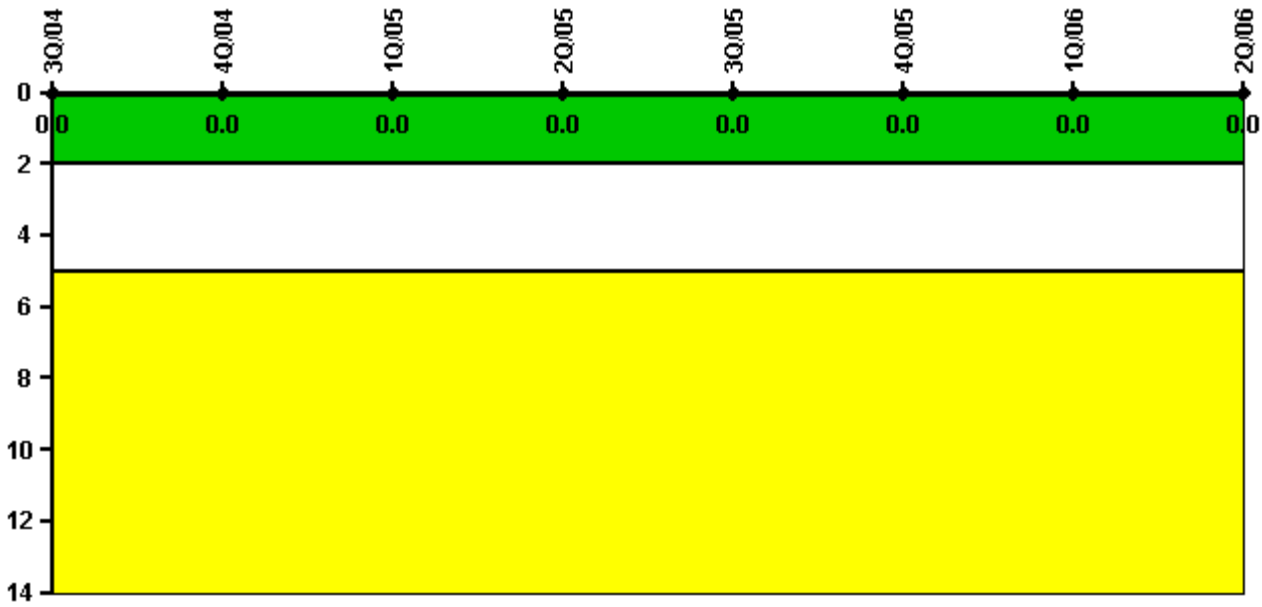
Notes

| Alert & Notification System | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 288 | 659 | 1238 | 1259 | 1258 | 1261 | 1258 | 1248 |
| Total sirens-tests | 291 | 679 | 1238 | 1261 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 99.6% | 99.1% | 99.3% | 99.3% | 99.4% | 99.9% | 99.8% | 99.6% |

Licensee Comments:

3Q/05: Correction to data entry, due to error in 7/27/05 communications test reporting. No change in PI color occurred.

Occupational Exposure Control Effectiveness



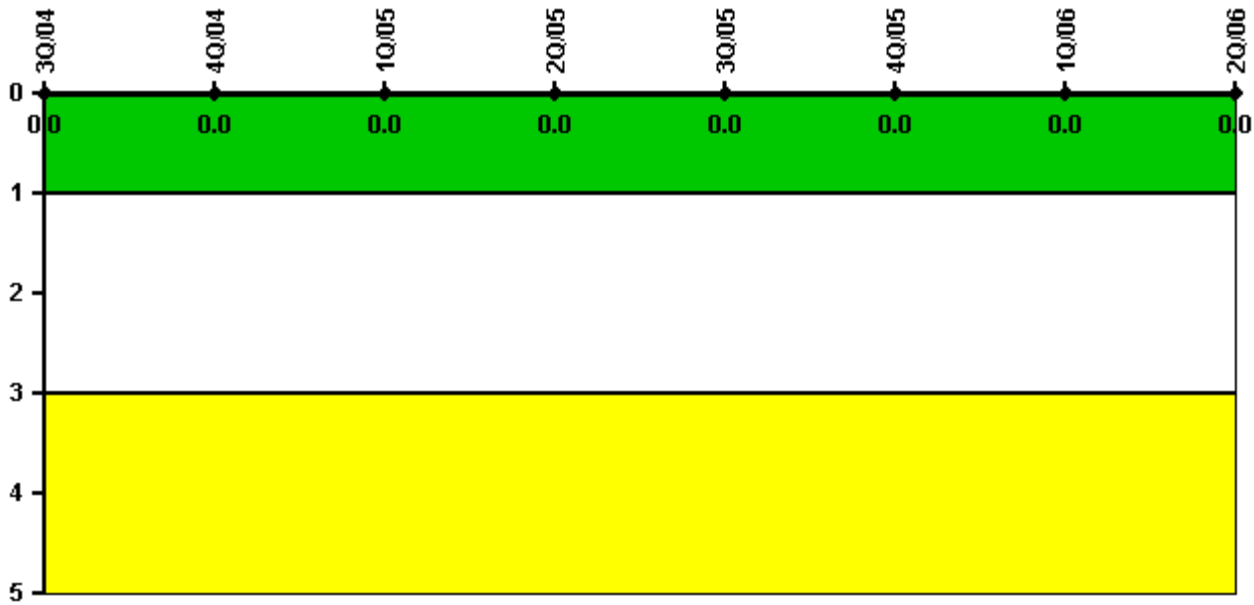
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 3Q/04 | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/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.

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

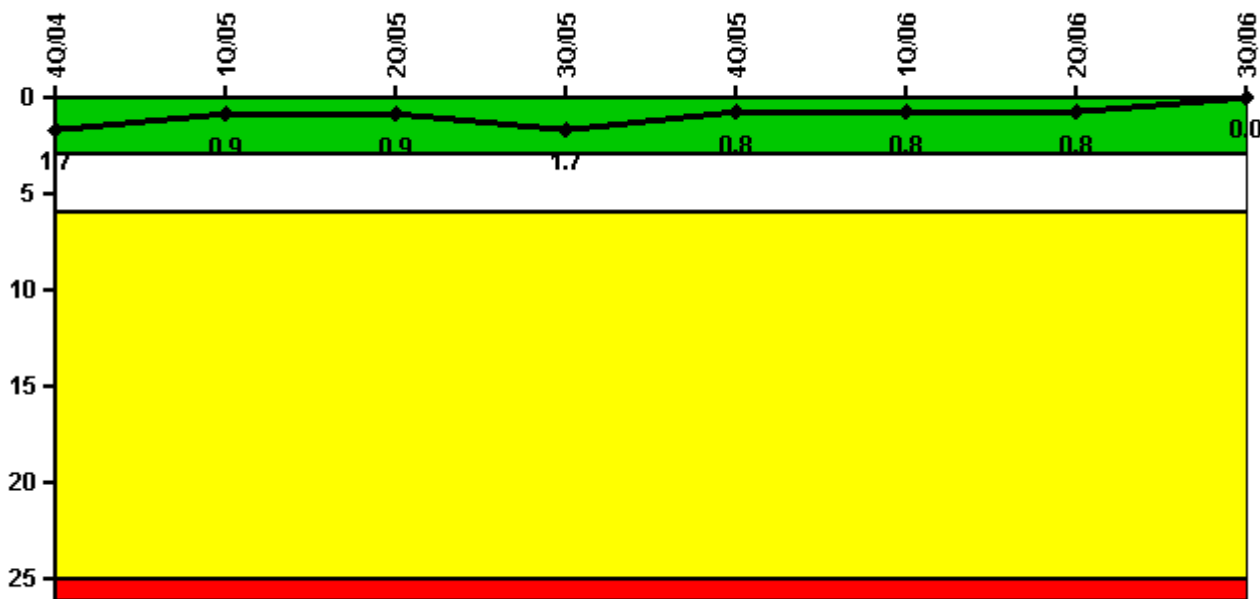
Last Modified: August 2, 2006

Peach Bottom 2

3Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



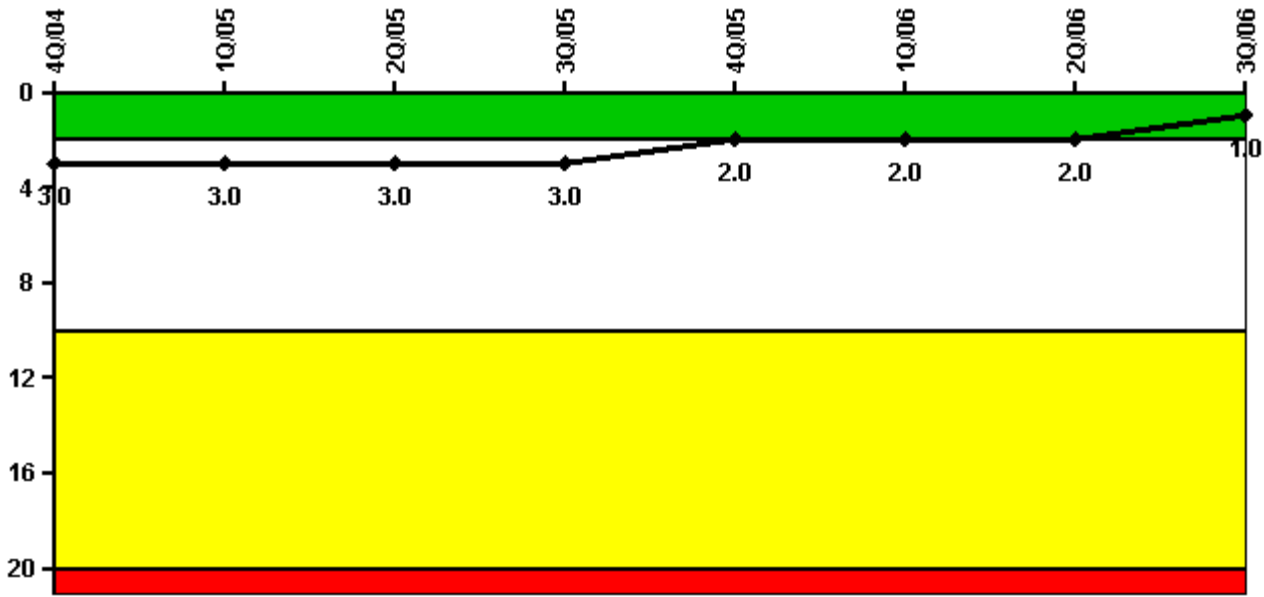
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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 | 1.0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 |
| Critical hours | 2020.5 | 2108.9 | 2183.0 | 2112.2 | 2209.0 | 2160.0 | 2183.0 | 1840.4 |
| Indicator value | 1.7 | 0.9 | 0.9 | 1.7 | 0.8 | 0.8 | 0.8 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



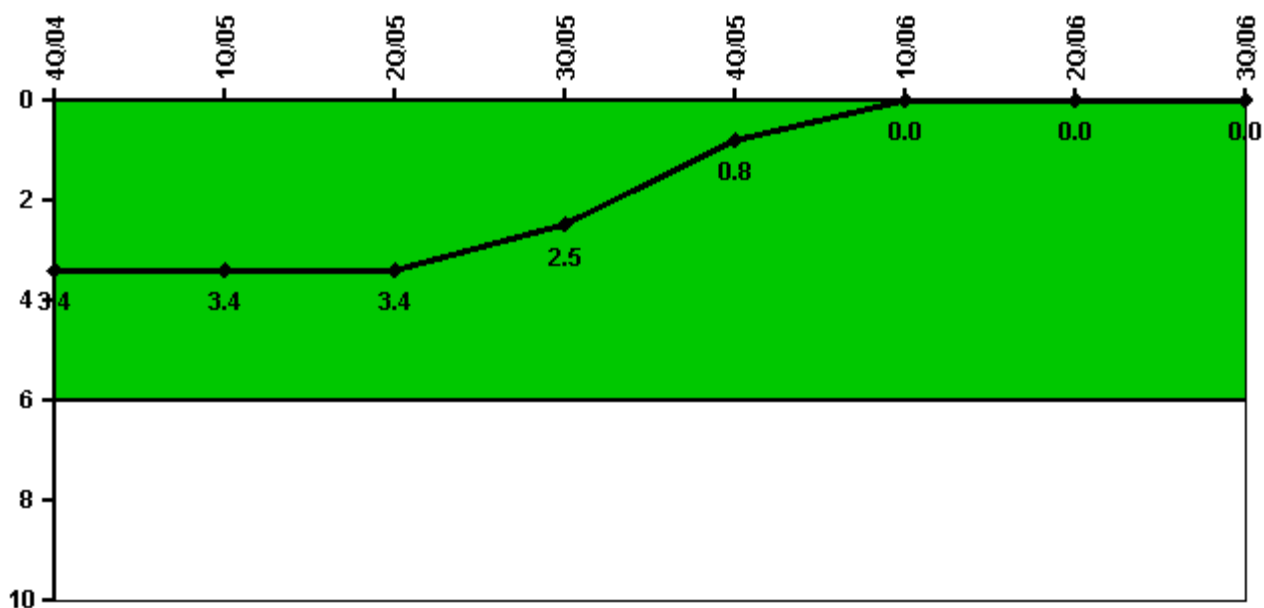
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



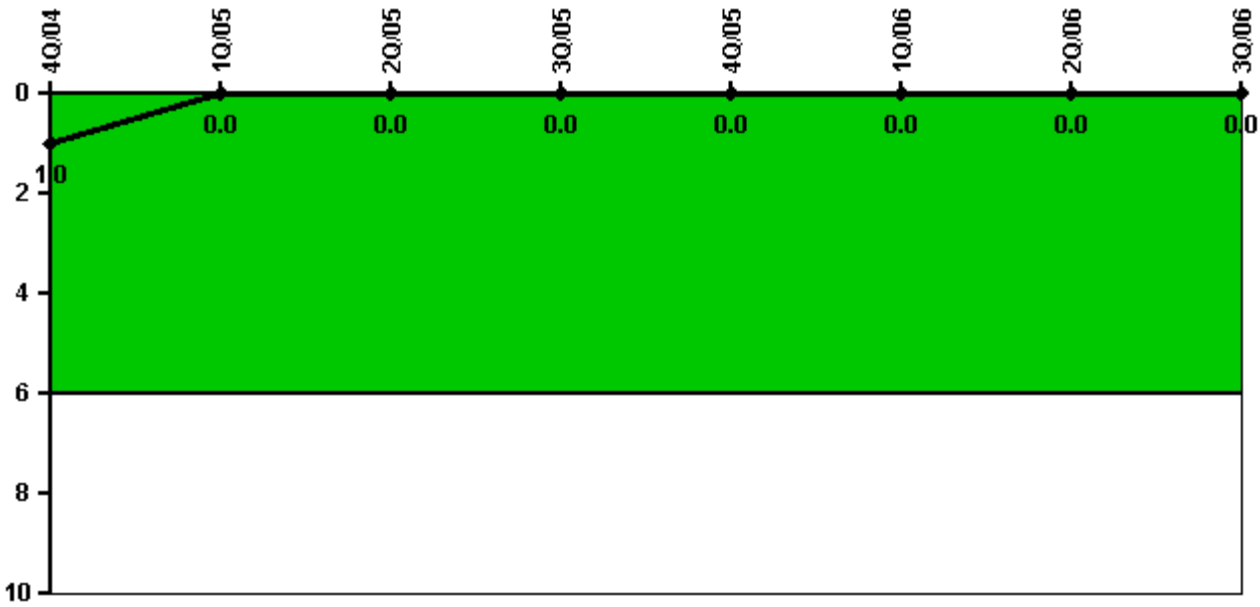
Thresholds: White > 6.0

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 | 2.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2020.5 | 2108.9 | 2183.0 | 2112.2 | 2209.0 | 2160.0 | 2183.0 | 1840.4 |
| Indicator value | 3.4 | 3.4 | 3.4 | 2.5 | 0.8 | 0 | 0 | 0 |

Licensee Comments: none

Safety System Functional Failures (BWR)



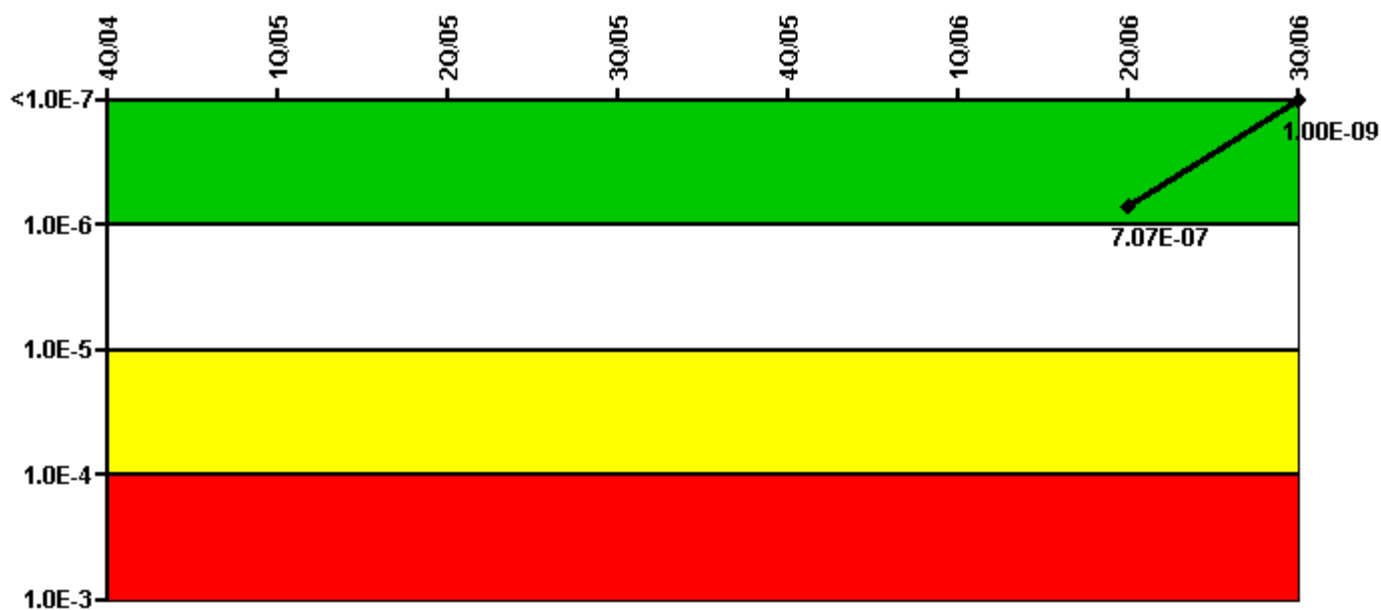
Thresholds: White > 6.0

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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



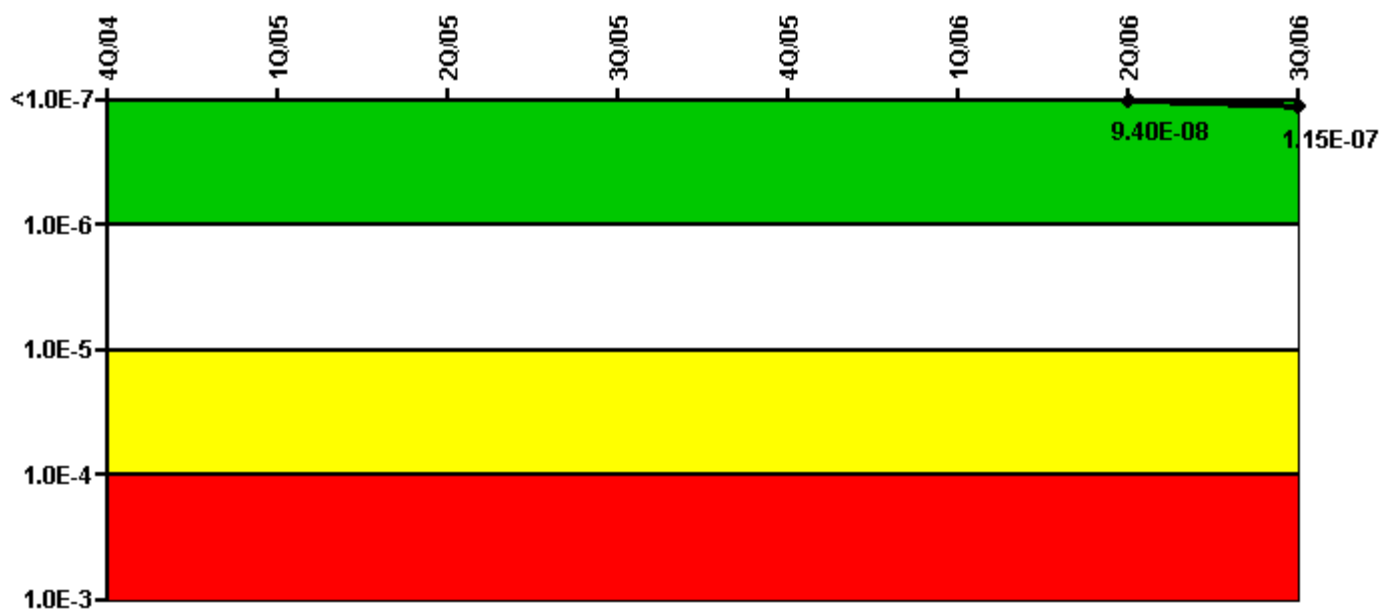
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|---|-------|-------|-------|-------|-------|-------|-----------------|-----------------|
| UAI (ΔCDF) | | | | | | | 8.70E-08 | 7.90E-08 |
| URI (ΔCDF) | | | | | | | 6.20E-07 | -7.80E-08 |
| PLE | | | | | | | NO | NO |
| Indicator value | | | | | | | 7.07E-07 | 1.00E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



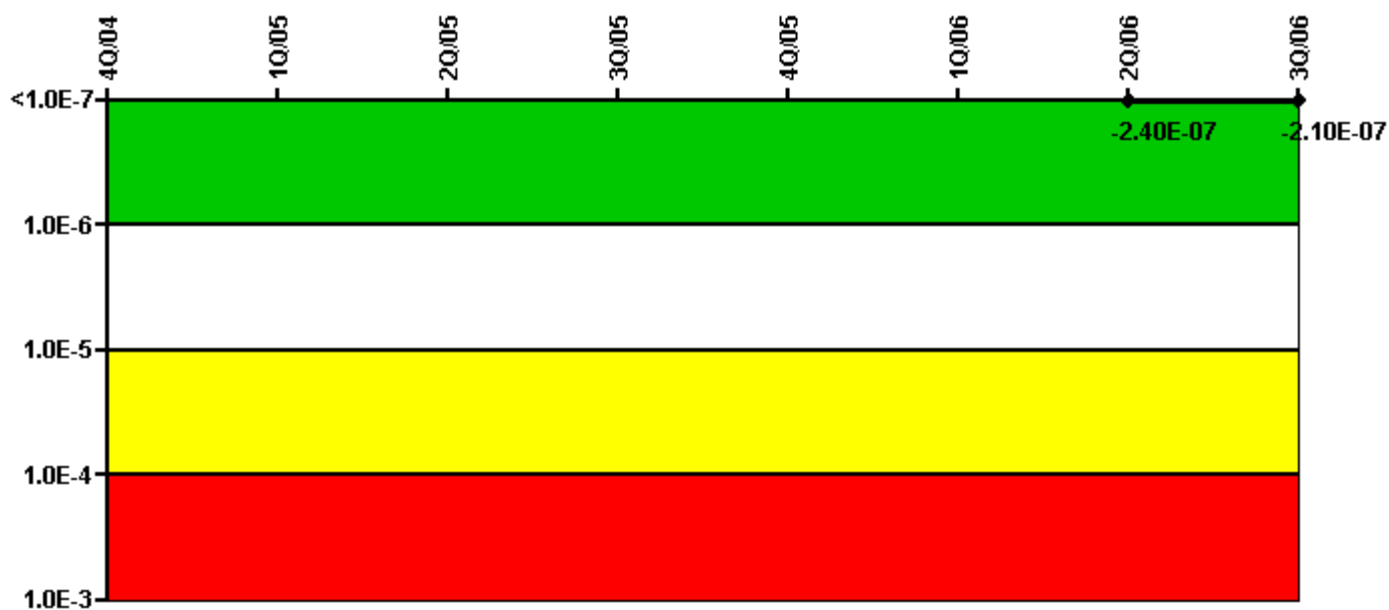
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF) | | | | | | | 5.80E-08 | 5.80E-08 |
| URI (Δ CDF) | | | | | | | 3.60E-08 | 5.70E-08 |
| PLE | | | | | | | NO | NO |
| Indicator value | | | | | | | 9.40E-08 | 1.15E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



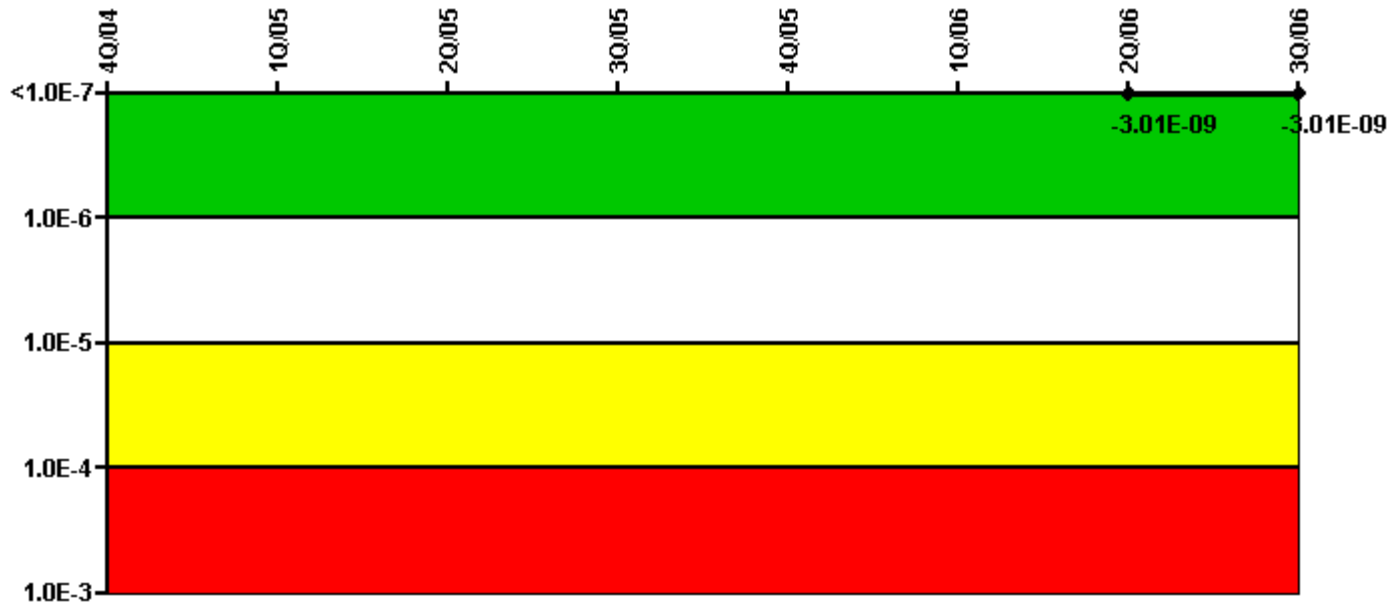
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|---|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI (Δ CDF) | | | | | | | -6.00E-08 | -6.00E-08 |
| URI (Δ CDF) | | | | | | | -1.80E-07 | -1.50E-07 |
| PLE | | | | | | | NO | NO |
| Indicator value | | | | | | | -2.40E-07 | -2.10E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



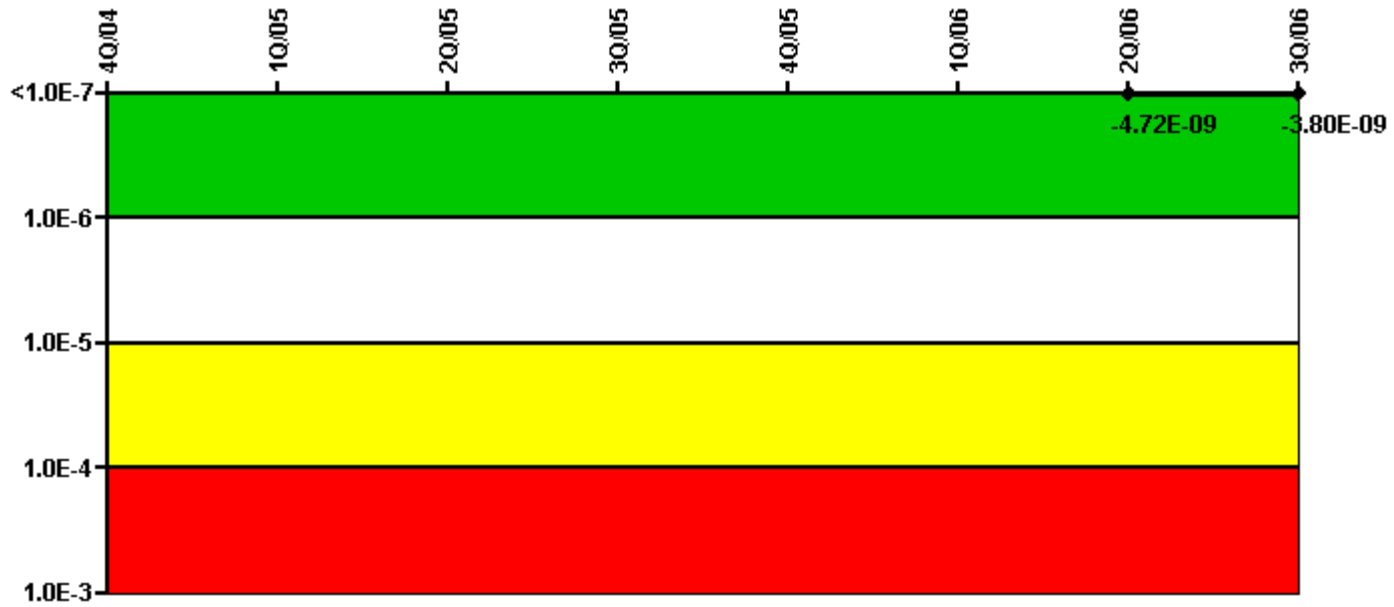
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|--|-------|-------|-------|-------|-------|-------|-----------|-----------|
| UAI (Δ CDF) | | | | | | | -8.10E-10 | -8.10E-10 |
| URI (Δ CDF) | | | | | | | -2.20E-09 | -2.20E-09 |
| PLE | | | | | | | NO | NO |
| Indicator value | | | | | | | -3.01E-09 | -3.01E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



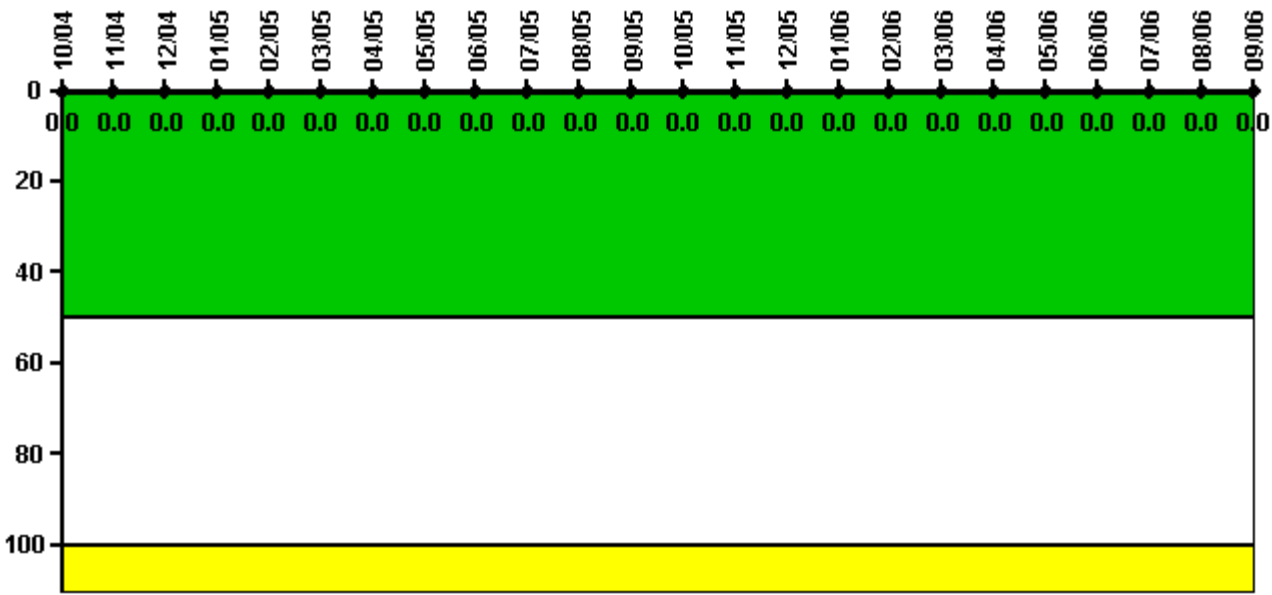
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF) | | | | | | | 5.80E-10 | -3.00E-10 |
| URI (Δ CDF) | | | | | | | -5.30E-09 | -3.50E-09 |
| PLE | | | | | | | NO | NO |
| Indicator value | | | | | | | -4.72E-09 | -3.80E-09 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

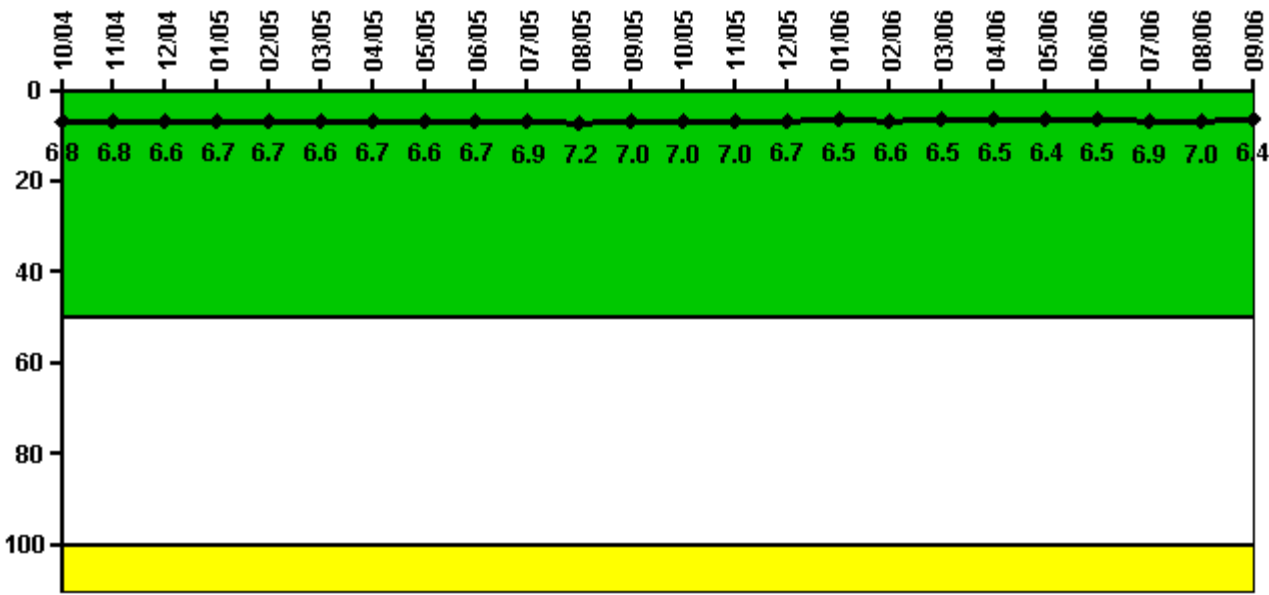
Notes

| 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 | 0.000008 | 0.000002 | 0.000021 | 0.000016 | 0.000017 | 0.000026 | 0.000018 | 0.000018 | 0.000031 | 0.000059 | 0.000071 | 0.000076 |
| 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 | 0.000046 | 0.000031 | 0.000025 | 0.000073 | 0.000044 | 0.000041 | 0.000088 | 0.000060 | 0.000061 | 0.000049 | 0.000038 | 0.000051 |
| 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

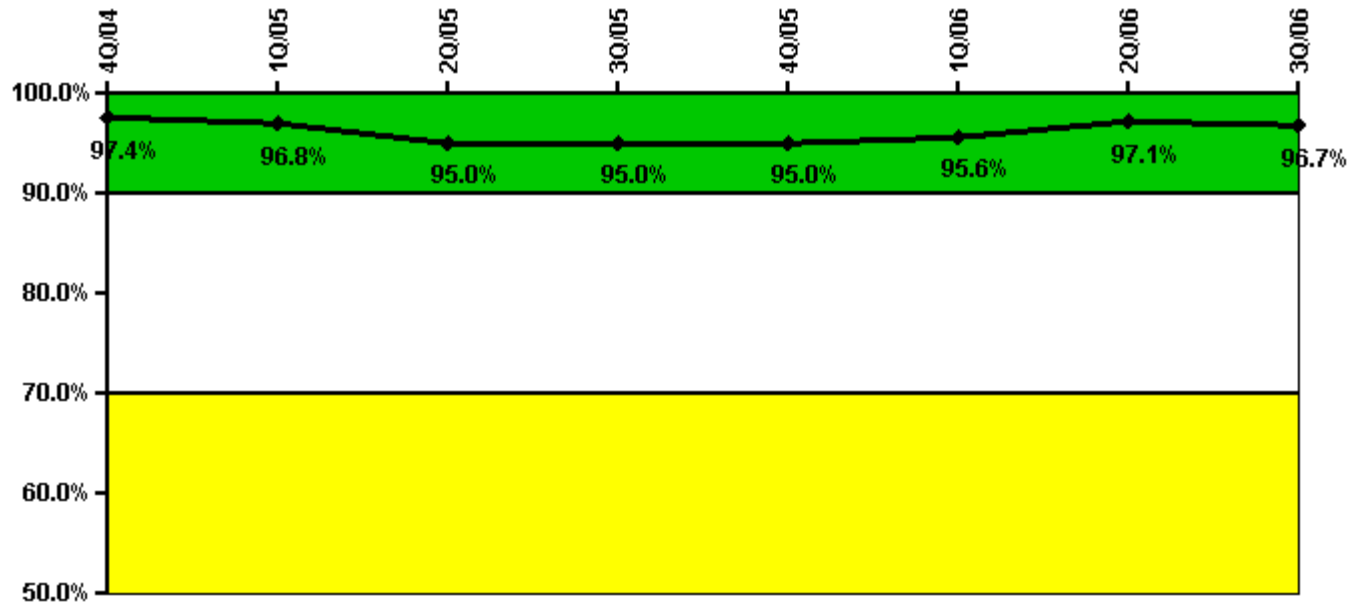
Notes

| 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 | 1.710 | 1.710 | 1.650 | 1.680 | 1.670 | 1.650 | 1.670 | 1.640 | 1.680 | 1.730 | 1.790 | 1.750 |
| 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 | 6.8 | 6.8 | 6.6 | 6.7 | 6.7 | 6.6 | 6.7 | 6.6 | 6.7 | 6.9 | 7.2 | 7.0 |

| 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 | 1.740 | 1.750 | 1.670 | 1.620 | 1.650 | 1.620 | 1.620 | 1.600 | 1.620 | 1.730 | 1.740 | 1.590 |
| 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 | 7.0 | 7.0 | 6.7 | 6.5 | 6.6 | 6.5 | 6.5 | 6.4 | 6.5 | 6.9 | 7.0 | 6.4 |

Licensee Comments: none

Drill/Exercise Performance



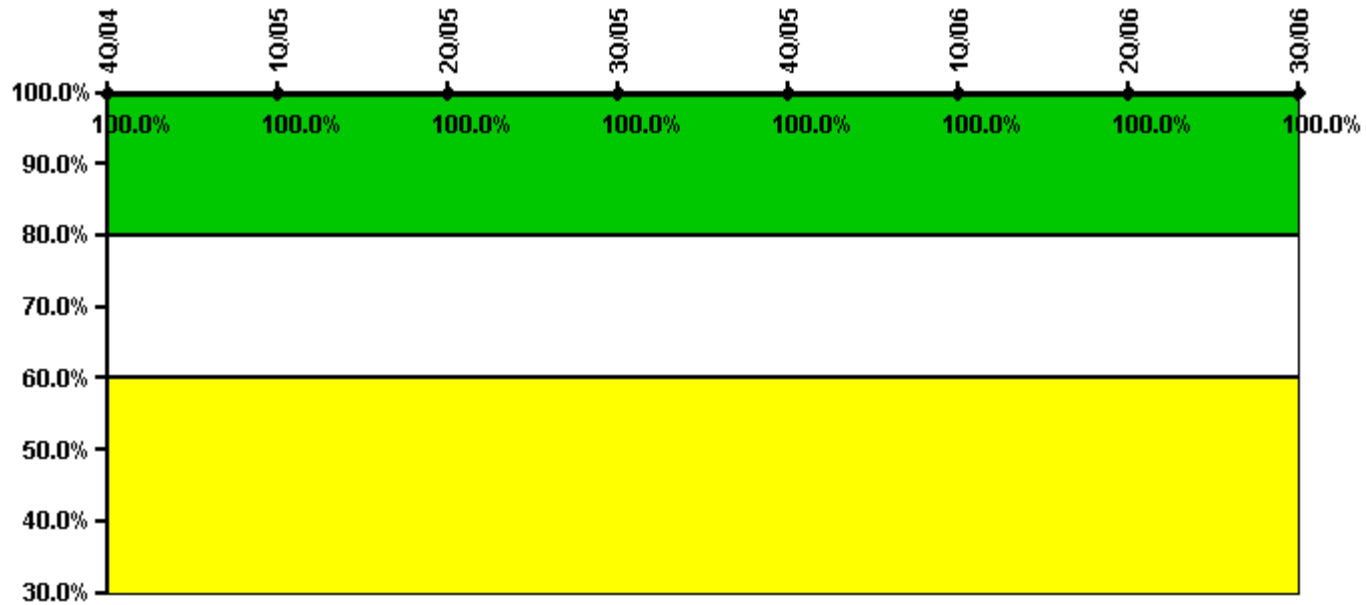
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 24.0 | 28.0 | 34.0 | 20.0 | 20.0 | 109.0 | 58.0 | 27.0 |
| Total opportunities | 24.0 | 30.0 | 39.0 | 20.0 | 21.0 | 111.0 | 58.0 | 28.0 |
| Indicator value | 97.4% | 96.8% | 95.0% | 95.0% | 95.0% | 95.6% | 97.1% | 96.7% |

Licensee Comments: none

ERO Drill Participation



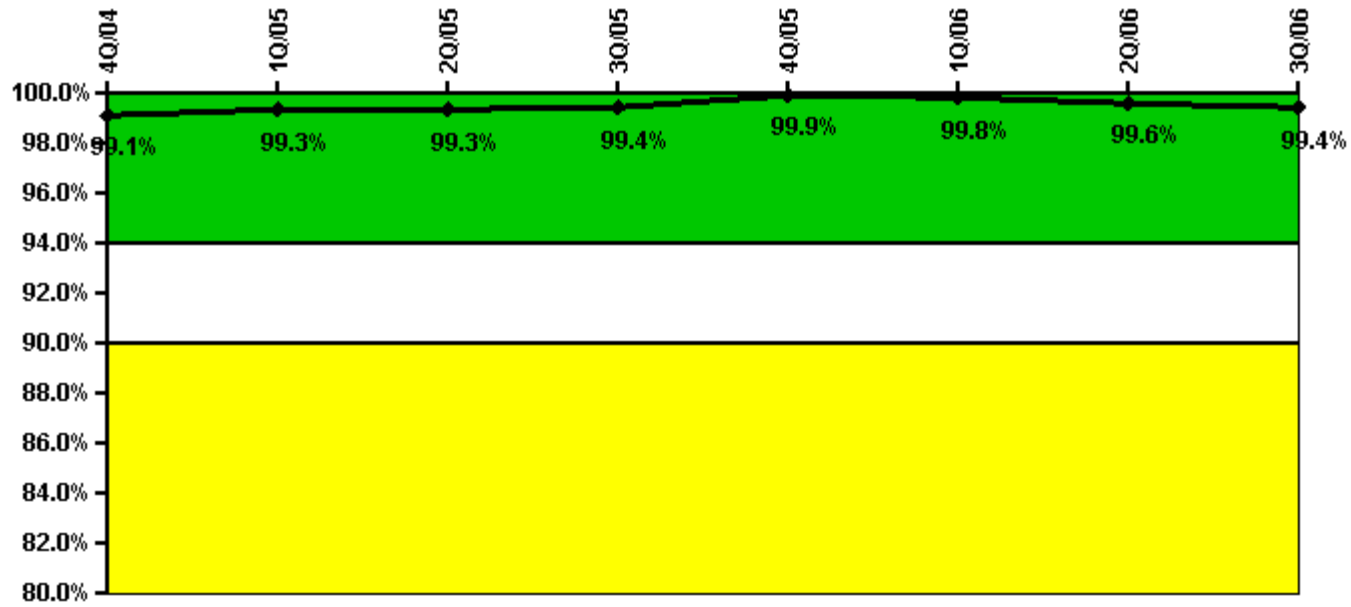
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 75.0 | 79.0 | 75.0 | 75.0 | 76.0 | 76.0 | 75.0 | 81.0 |
| Total Key personnel | 75.0 | 79.0 | 75.0 | 75.0 | 76.0 | 76.0 | 75.0 | 81.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



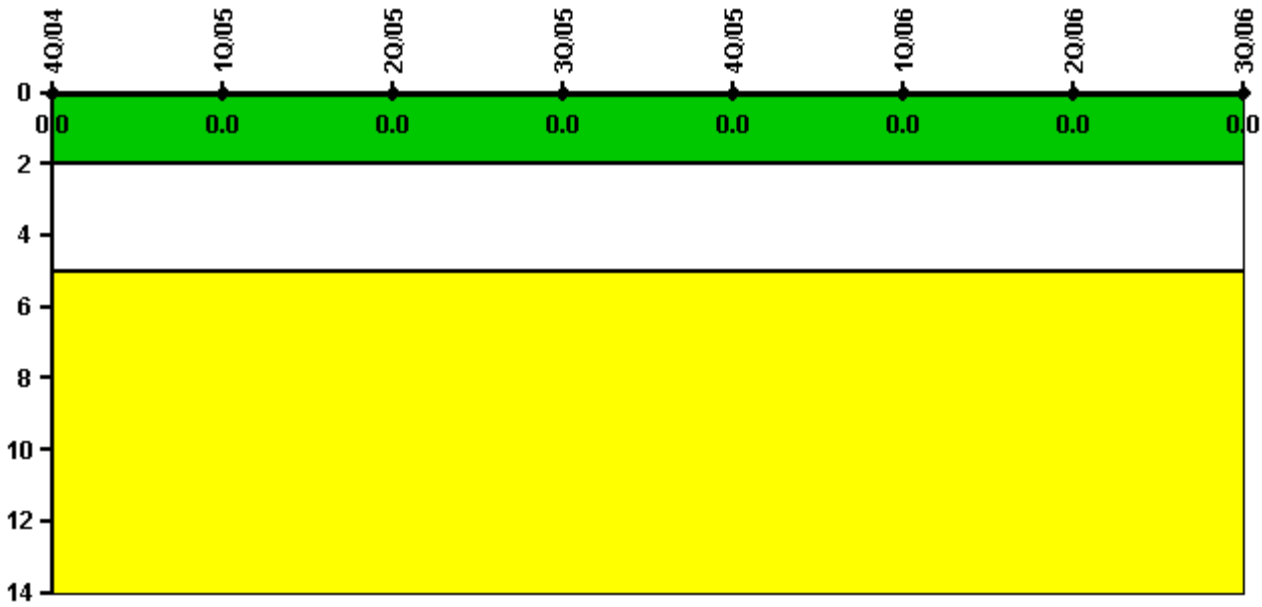
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/04 | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 659 | 1238 | 1259 | 1258 | 1261 | 1258 | 1248 | 1249 |
| Total sirens-tests | 679 | 1238 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 99.1% | 99.3% | 99.3% | 99.4% | 99.9% | 99.8% | 99.6% | 99.4% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



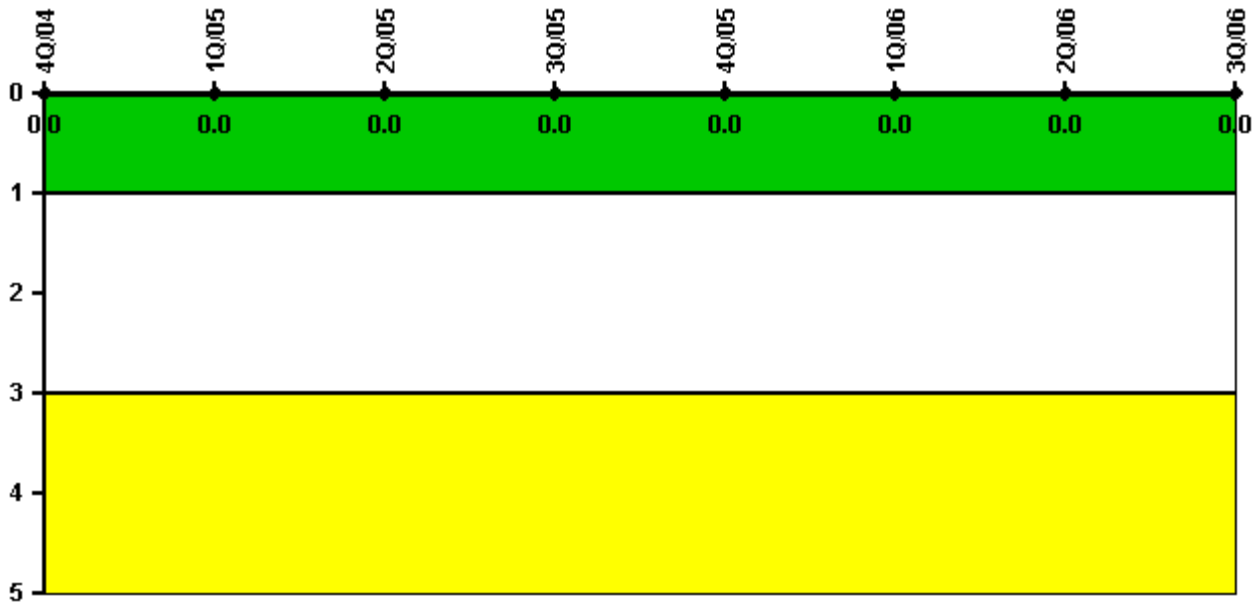
Thresholds: White > 2.0 Yellow > 5.0

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 | 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/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

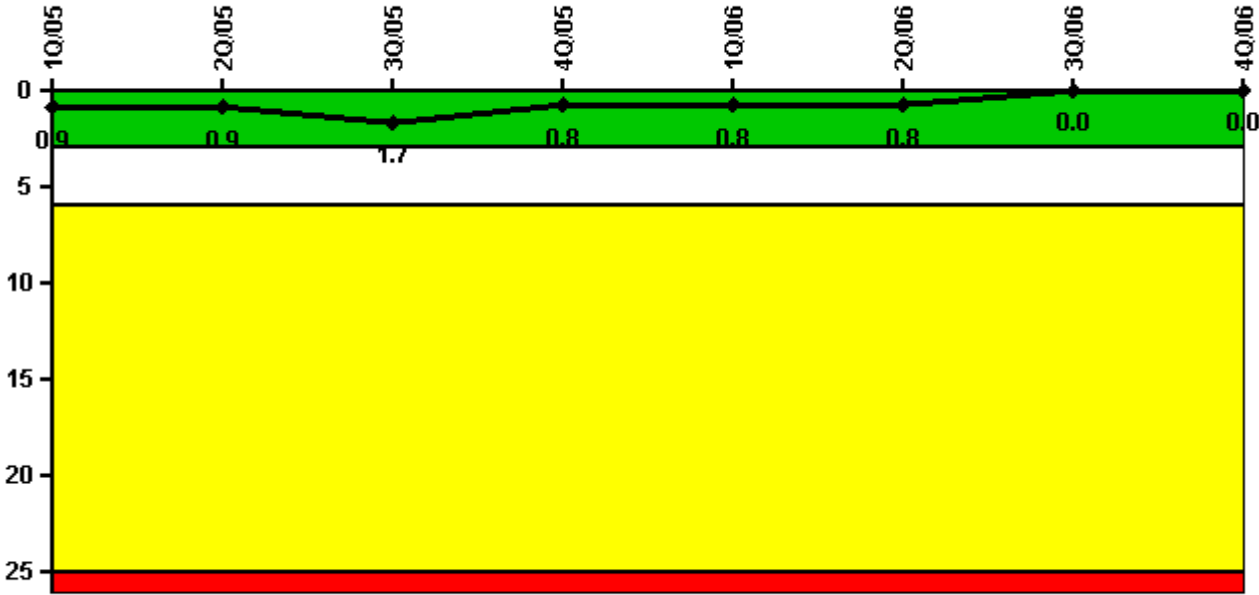
[Physical Protection](#) information not publicly available.

Peach Bottom 2

4Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



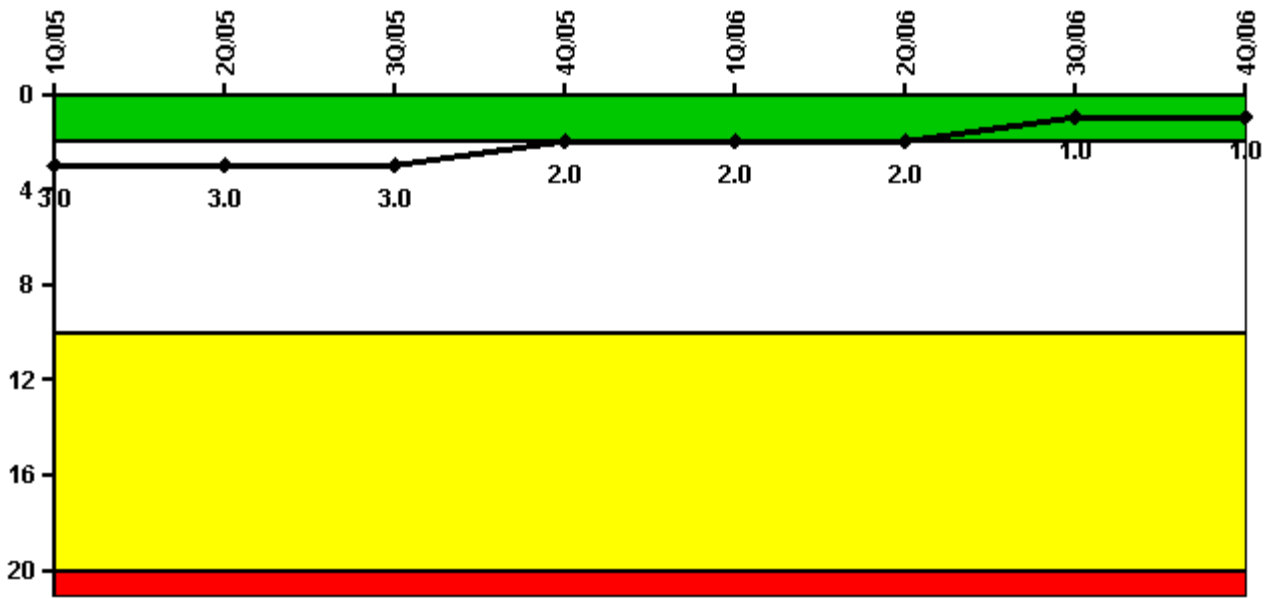
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2108.9 | 2183.0 | 2112.2 | 2209.0 | 2160.0 | 2183.0 | 1840.4 | 2024.2 |
| Indicator value | 0.9 | 0.9 | 1.7 | 0.8 | 0.8 | 0.8 | 0 | 0 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



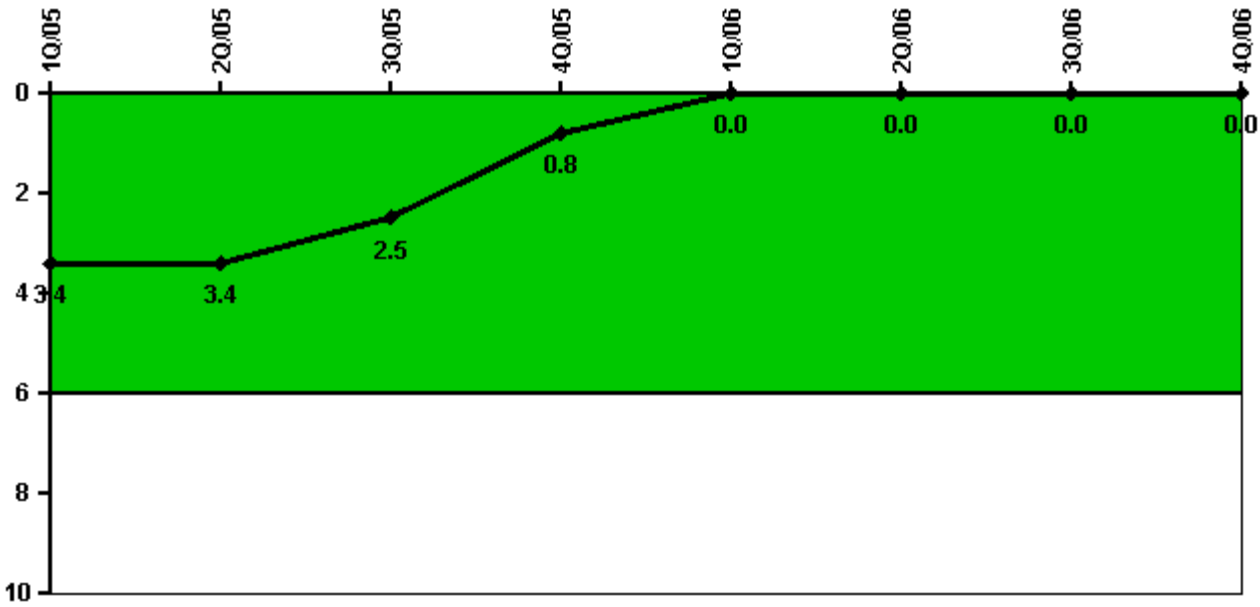
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 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 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



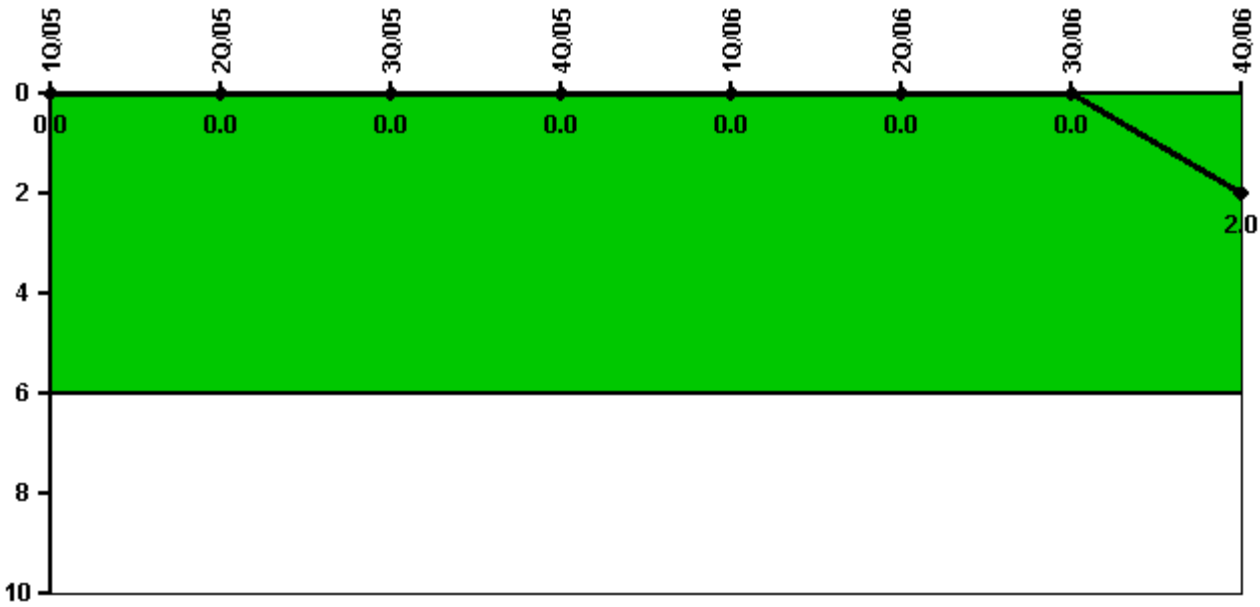
Thresholds: White > 6.0

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 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2108.9 | 2183.0 | 2112.2 | 2209.0 | 2160.0 | 2183.0 | 1840.4 | 2024.2 |
| Indicator value | 3.4 | 3.4 | 2.5 | 0.8 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

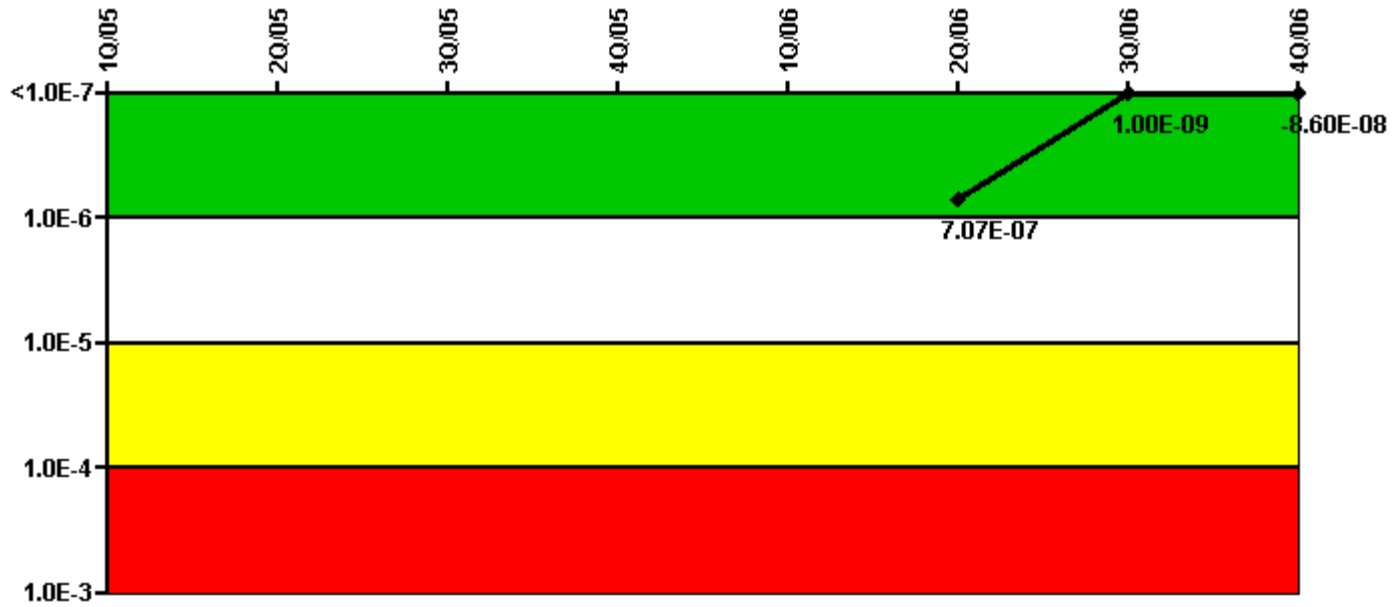
Notes

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

Licensee Comments:

4Q/06: LER 2-06-2 on 11/15/2006 and LER 2-06-3 on 12/4/2006

Mitigating Systems Performance Index, Emergency AC Power System



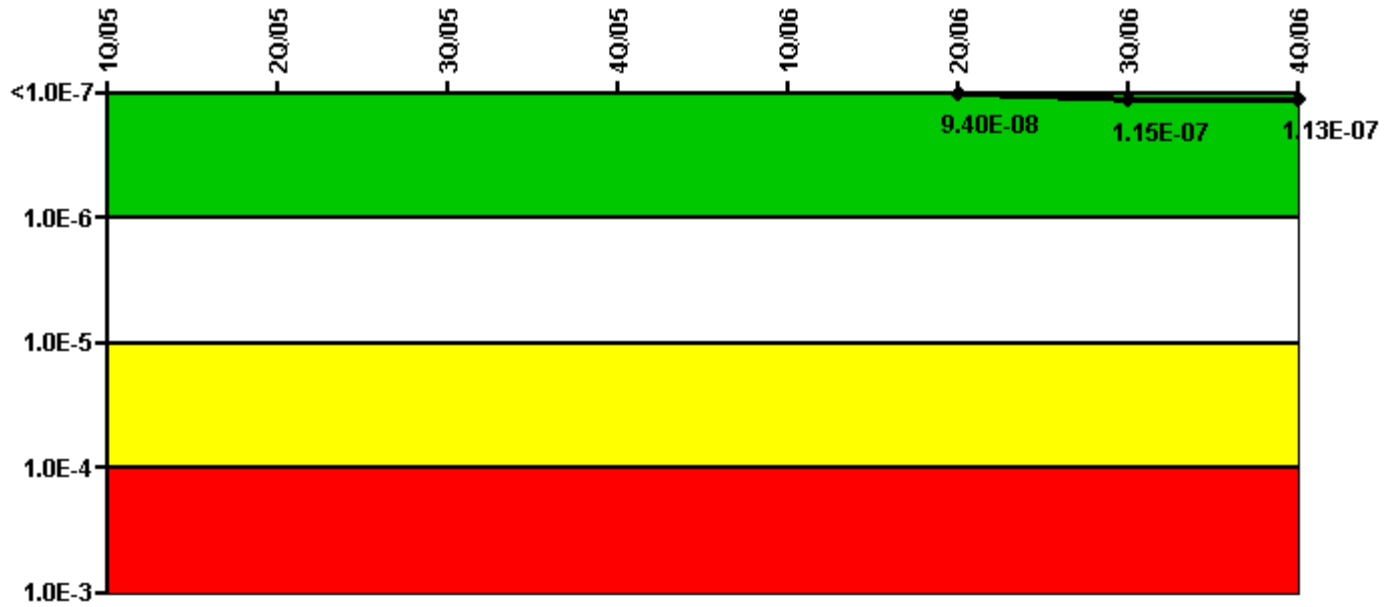
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (ΔCDF) | | | | | | 8.70E-08 | 7.90E-08 | 9.40E-08 |
| URI (ΔCDF) | | | | | | 6.20E-07 | -7.80E-08 | -1.80E-07 |
| PLE | | | | | | NO | NO | NO |
| Indicator value | | | | | | 7.07E-07 | 1.00E-09 | -8.60E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



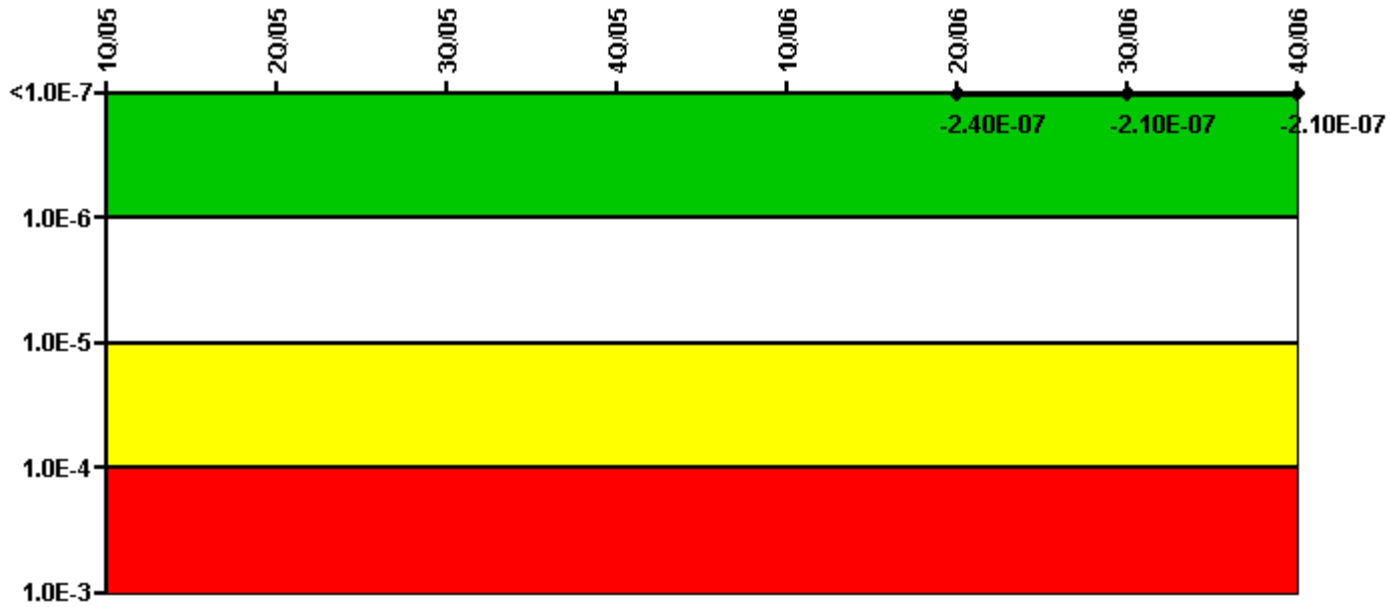
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | | | | | | 5.80E-08 | 5.80E-08 | 5.90E-08 |
| URI (Δ CDF) | | | | | | 3.60E-08 | 5.70E-08 | 5.40E-08 |
| PLE | | | | | | NO | NO | NO |
| Indicator value | | | | | | 9.40E-08 | 1.15E-07 | 1.13E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



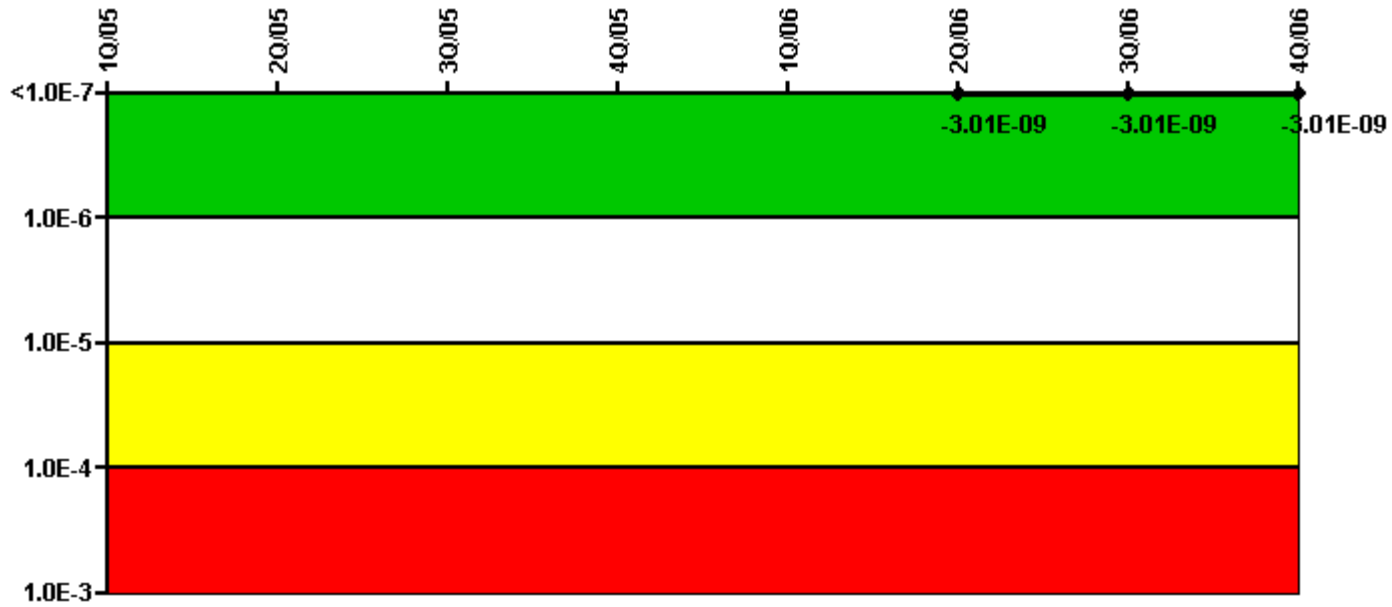
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|---|-------|-------|-------|-------|-------|------------------|------------------|------------------|
| UAI (Δ CDF) | | | | | | -6.00E-08 | -6.00E-08 | -6.00E-08 |
| URI (Δ CDF) | | | | | | -1.80E-07 | -1.50E-07 | -1.50E-07 |
| PLE | | | | | | NO | NO | NO |
| Indicator value | | | | | | -2.40E-07 | -2.10E-07 | -2.10E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



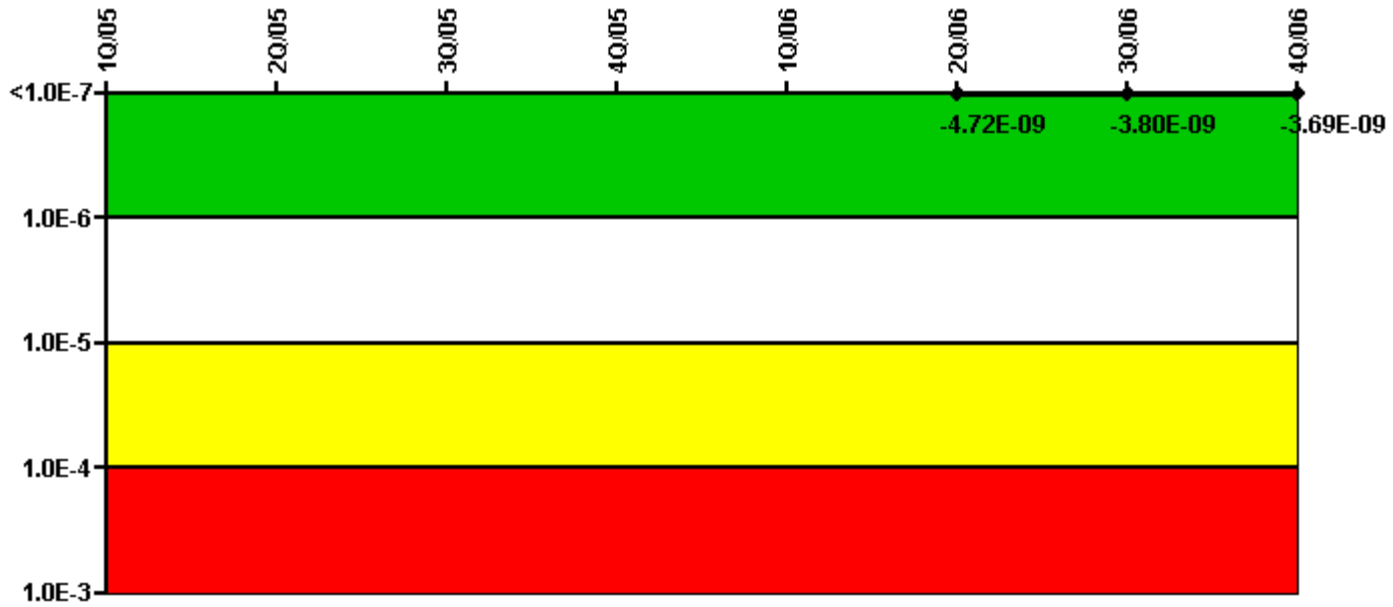
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|--|-------|-------|-------|-------|-------|-----------|-----------|-----------|
| UAI (Δ CDF) | | | | | | -8.10E-10 | -8.10E-10 | -8.10E-10 |
| URI (Δ CDF) | | | | | | -2.20E-09 | -2.20E-09 | -2.20E-09 |
| PLE | | | | | | NO | NO | NO |
| Indicator value | | | | | | -3.01E-09 | -3.01E-09 | -3.01E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



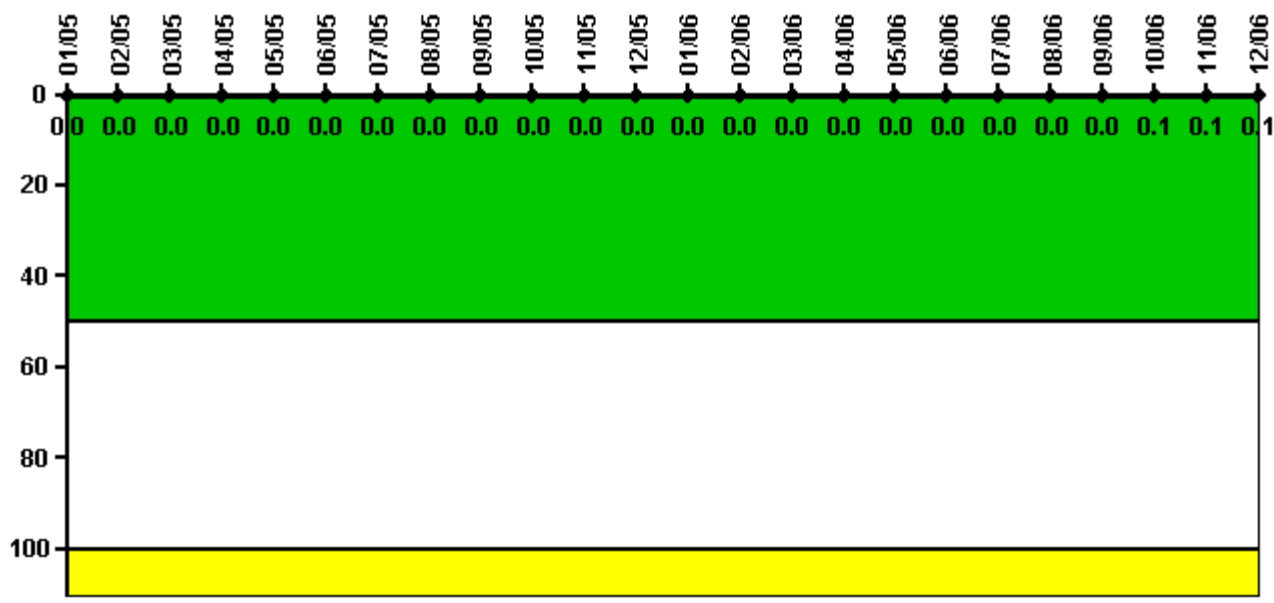
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF) | | | | | | 5.80E-10 | -3.00E-10 | -9.30E-11 |
| URI (Δ CDF) | | | | | | -5.30E-09 | -3.50E-09 | -3.60E-09 |
| PLE | | | | | | NO | NO | NO |
| Indicator value | | | | | | -4.72E-09 | -3.80E-09 | -3.69E-09 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

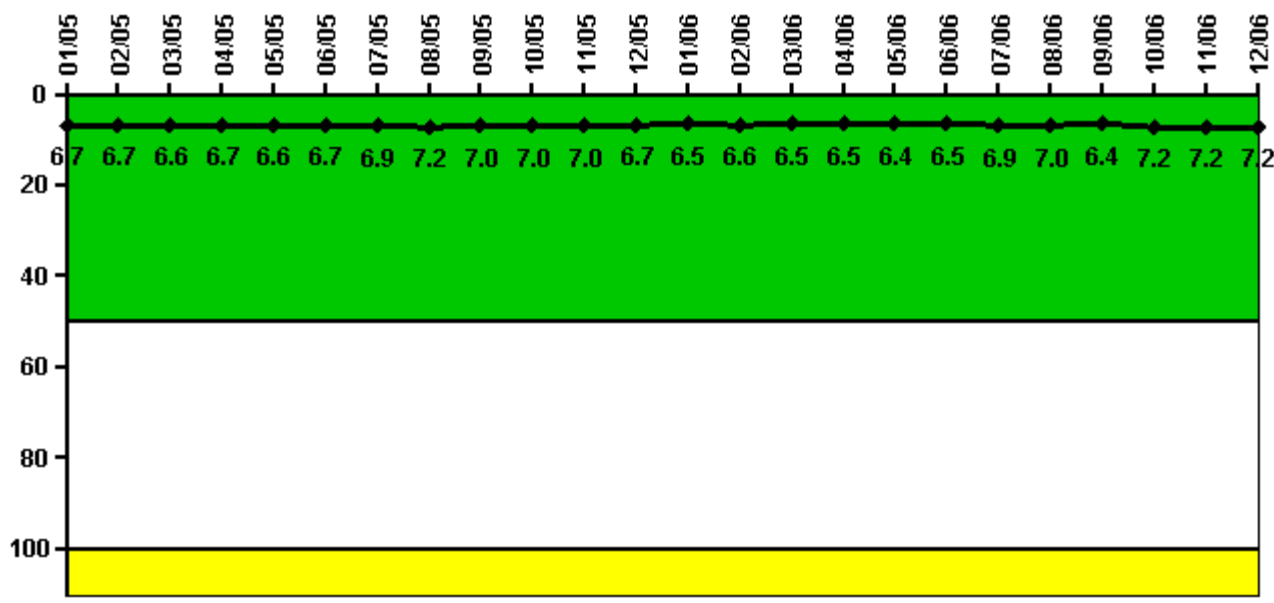
Notes

| 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 | 0.000016 | 0.000017 | 0.000026 | 0.000018 | 0.000018 | 0.000031 | 0.000059 | 0.000071 | 0.000076 | 0.000046 | 0.000031 | 0.000025 |
| 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 | 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 | 0.000073 | 0.000044 | 0.000041 | 0.000088 | 0.000060 | 0.000061 | 0.000049 | 0.000038 | 0.000051 | 0.000192 | 0.000204 | 0.000198 |
| 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 | 0.1 | 0.1 | 0.1 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

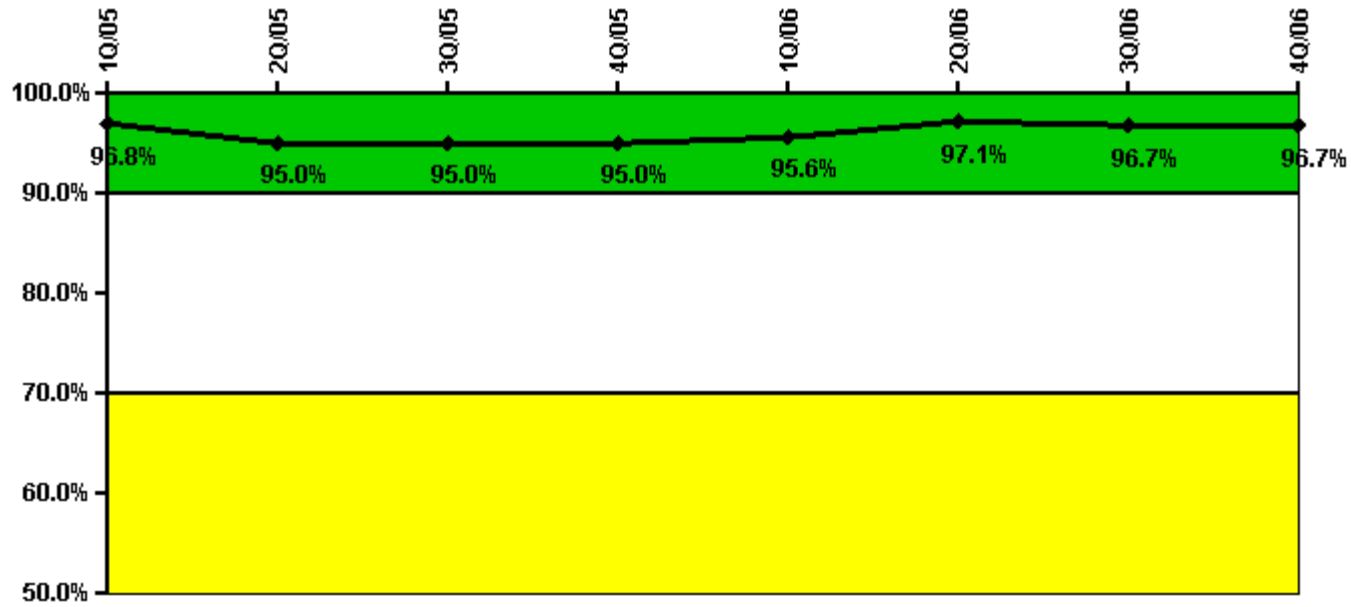
Notes

| 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 | 1.680 | 1.670 | 1.650 | 1.670 | 1.640 | 1.680 | 1.730 | 1.790 | 1.750 | 1.740 | 1.750 | 1.670 |
| 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 | 6.7 | 6.7 | 6.6 | 6.7 | 6.6 | 6.7 | 6.9 | 7.2 | 7.0 | 7.0 | 7.0 | 6.7 |

| 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 | 1.620 | 1.650 | 1.620 | 1.620 | 1.600 | 1.620 | 1.730 | 1.740 | 1.590 | 1.810 | 1.790 | 1.790 |
| 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 | 6.5 | 6.6 | 6.5 | 6.5 | 6.4 | 6.5 | 6.9 | 7.0 | 6.4 | 7.2 | 7.2 | 7.2 |

Licensee Comments: none

Drill/Exercise Performance



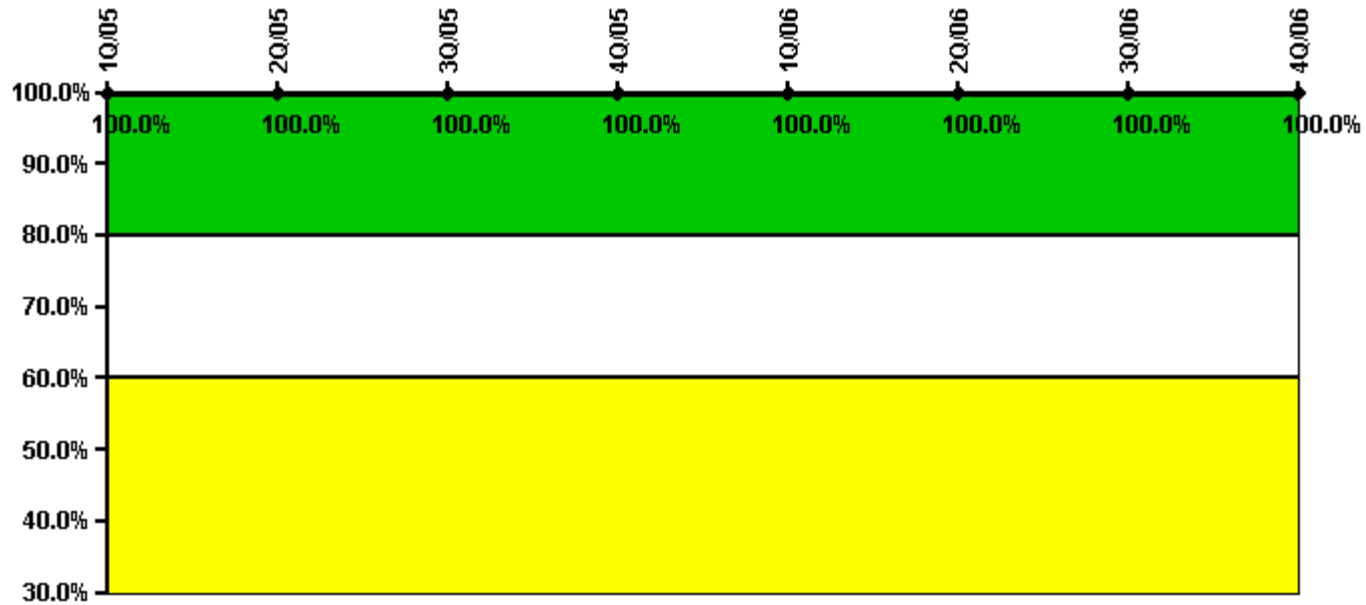
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 28.0 | 34.0 | 20.0 | 20.0 | 109.0 | 58.0 | 27.0 | 24.0 |
| Total opportunities | 30.0 | 39.0 | 20.0 | 21.0 | 111.0 | 58.0 | 28.0 | 24.0 |
| Indicator value | 96.8% | 95.0% | 95.0% | 95.0% | 95.6% | 97.1% | 96.7% | 96.7% |

Licensee Comments: none

ERO Drill Participation



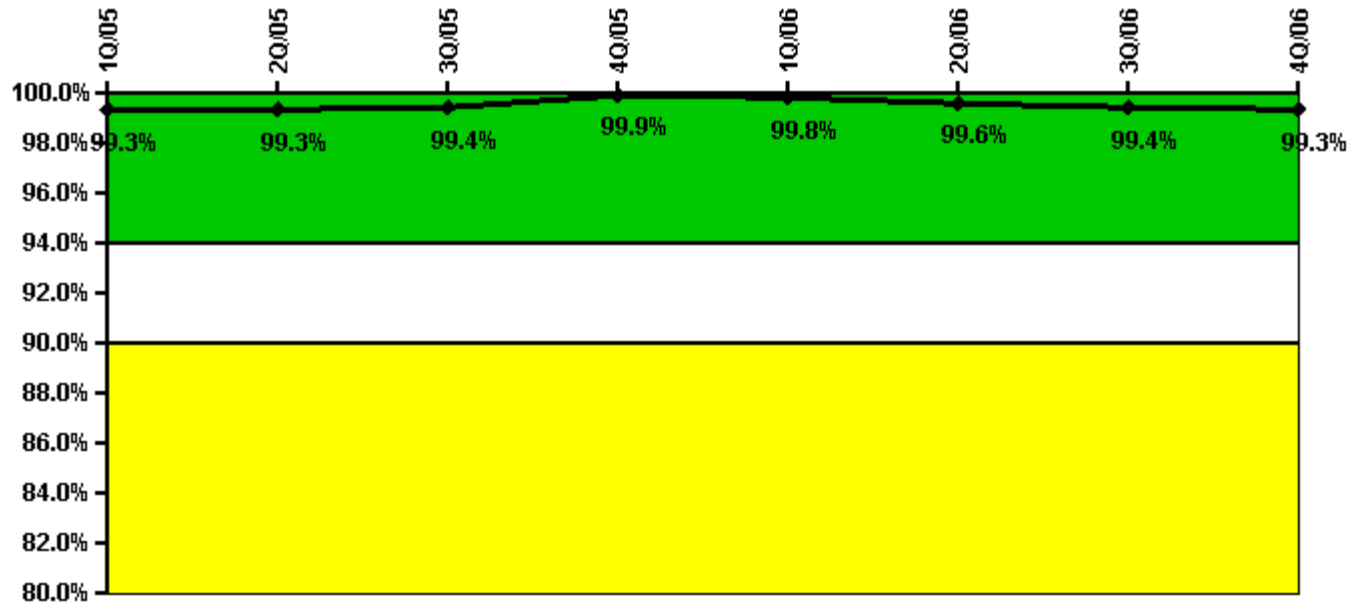
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 79.0 | 75.0 | 75.0 | 76.0 | 76.0 | 75.0 | 81.0 | 82.0 |
| Total Key personnel | 79.0 | 75.0 | 75.0 | 76.0 | 76.0 | 75.0 | 81.0 | 82.0 |
| | | | | | | | | |
| 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%

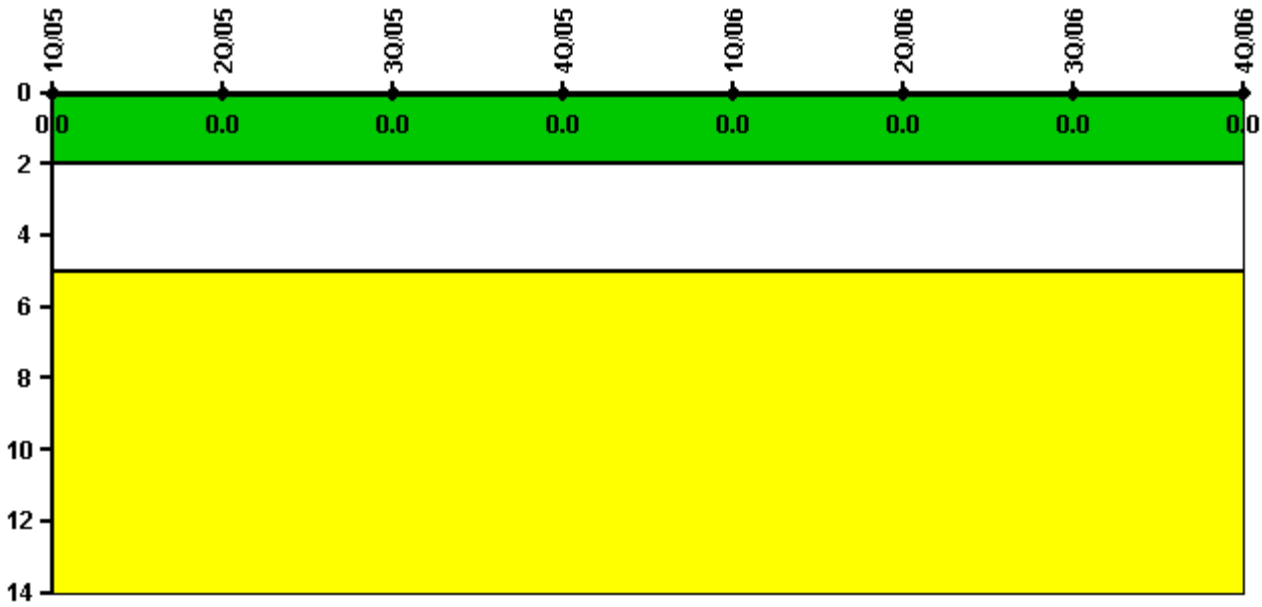
Notes

| Alert & Notification System | 1Q/05 | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1238 | 1259 | 1258 | 1261 | 1258 | 1247 | 1249 | 1257 |
| Total sirens-tests | 1238 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 99.3% | 99.3% | 99.4% | 99.9% | 99.8% | 99.6% | 99.4% | 99.3% |

Licensee Comments:

2Q/06: Correction to data entry, due to error in 6/28/06 communications test reporting. No change in PI color occurred.

Occupational Exposure Control Effectiveness



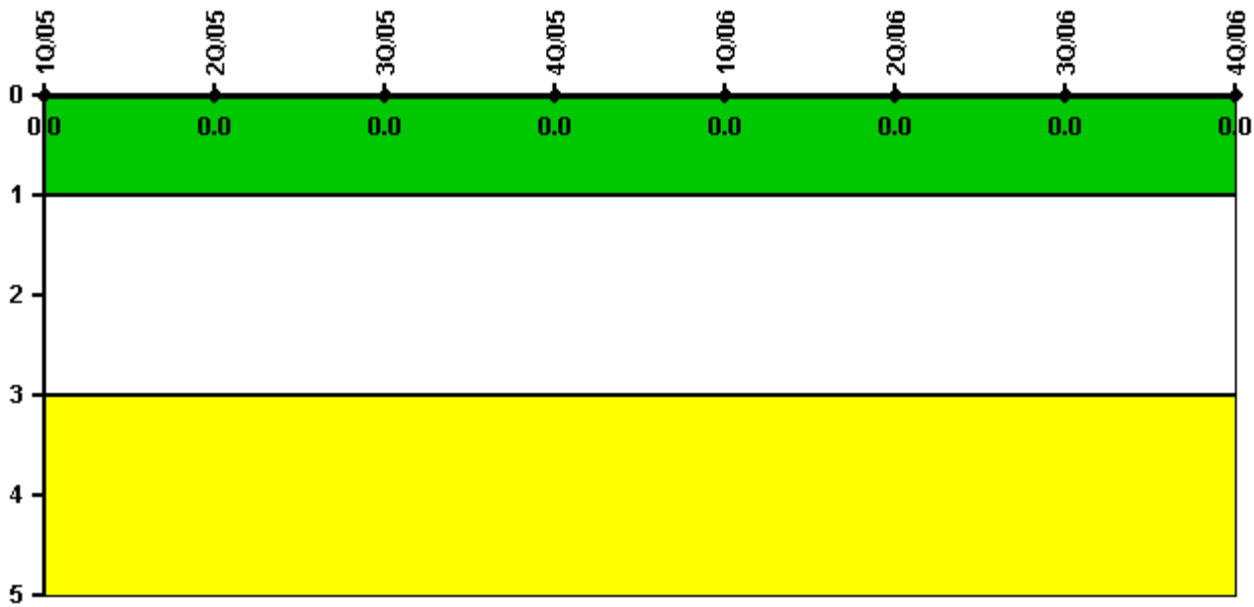
Thresholds: White > 2.0 Yellow > 5.0

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 | 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 | 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

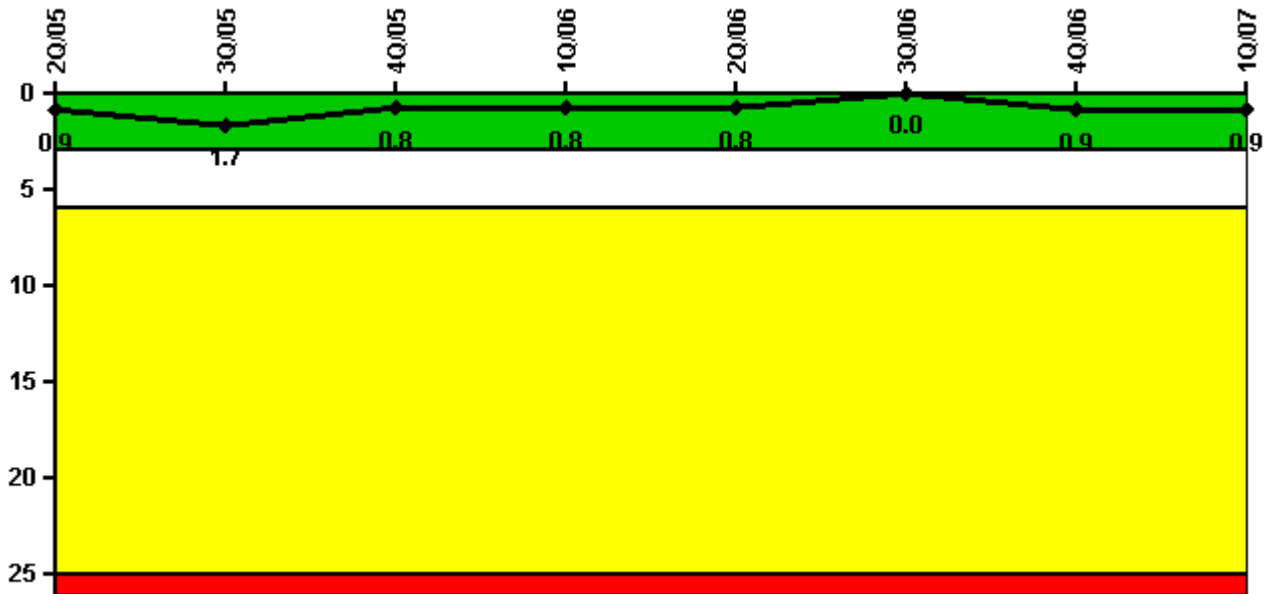
[Physical Protection](#) information not publicly available.

Peach Bottom 2

1Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



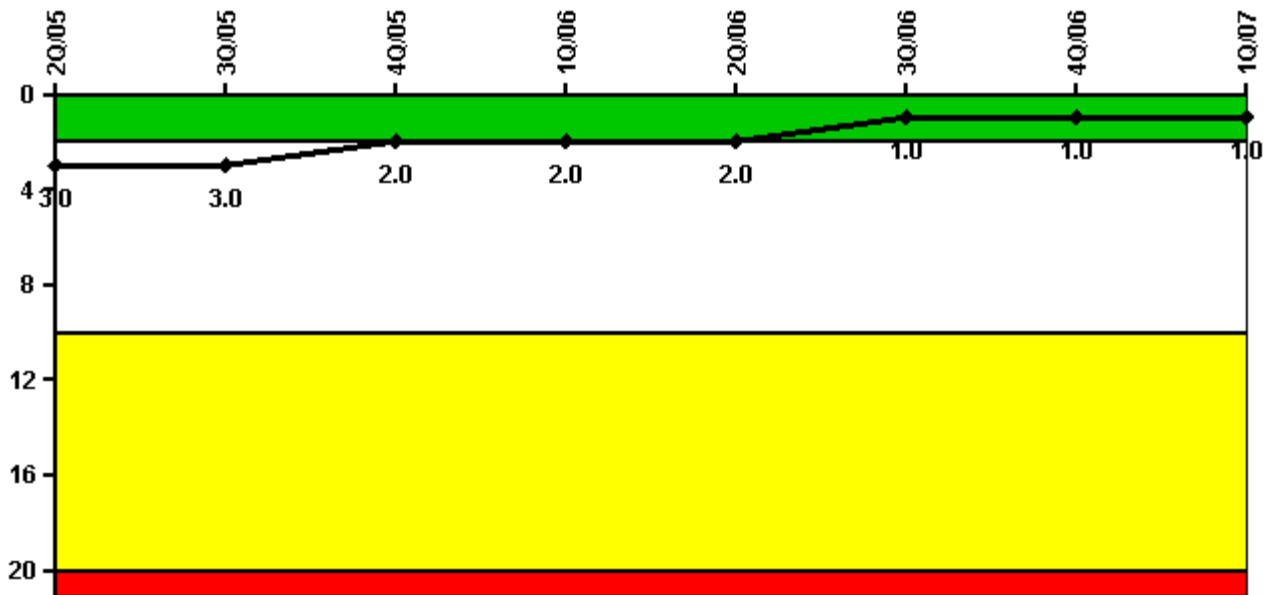
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|--|------------|------------|------------|------------|------------|----------|------------|------------|
| Unplanned scrams | 0 | 1.0 | 0 | 0 | 0 | 0 | 1.0 | 0 |
| Critical hours | 2183.0 | 2112.2 | 2209.0 | 2160.0 | 2183.0 | 1840.4 | 2024.2 | 2159.0 |
| Indicator value | 0.9 | 1.7 | 0.8 | 0.8 | 0.8 | 0 | 0.9 | 0.9 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



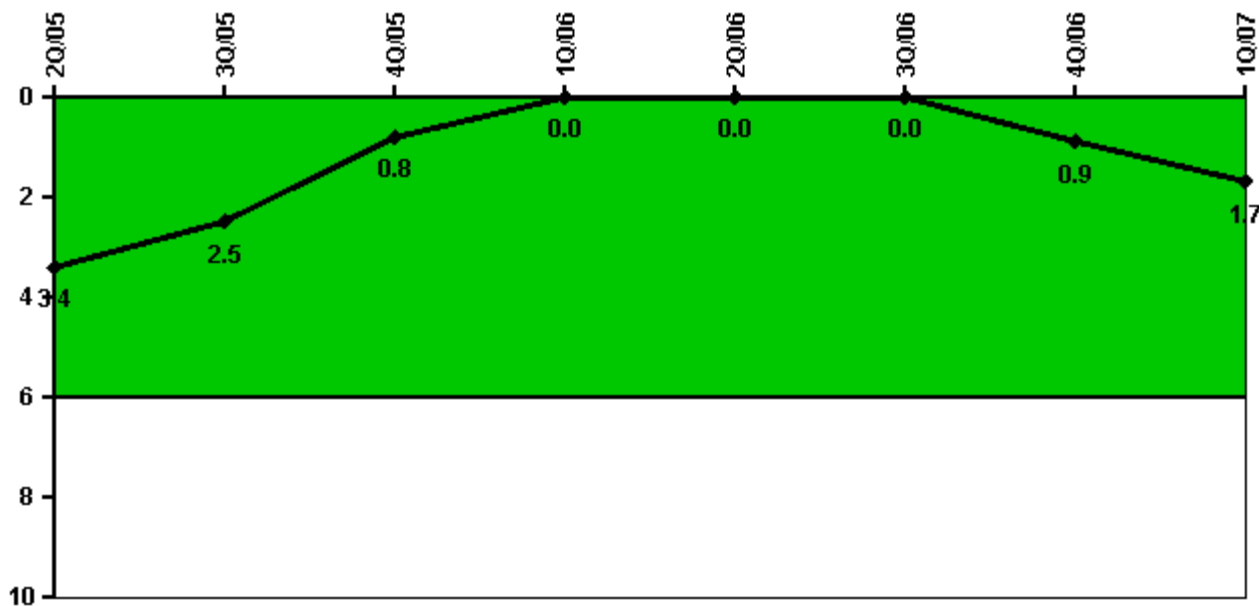
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



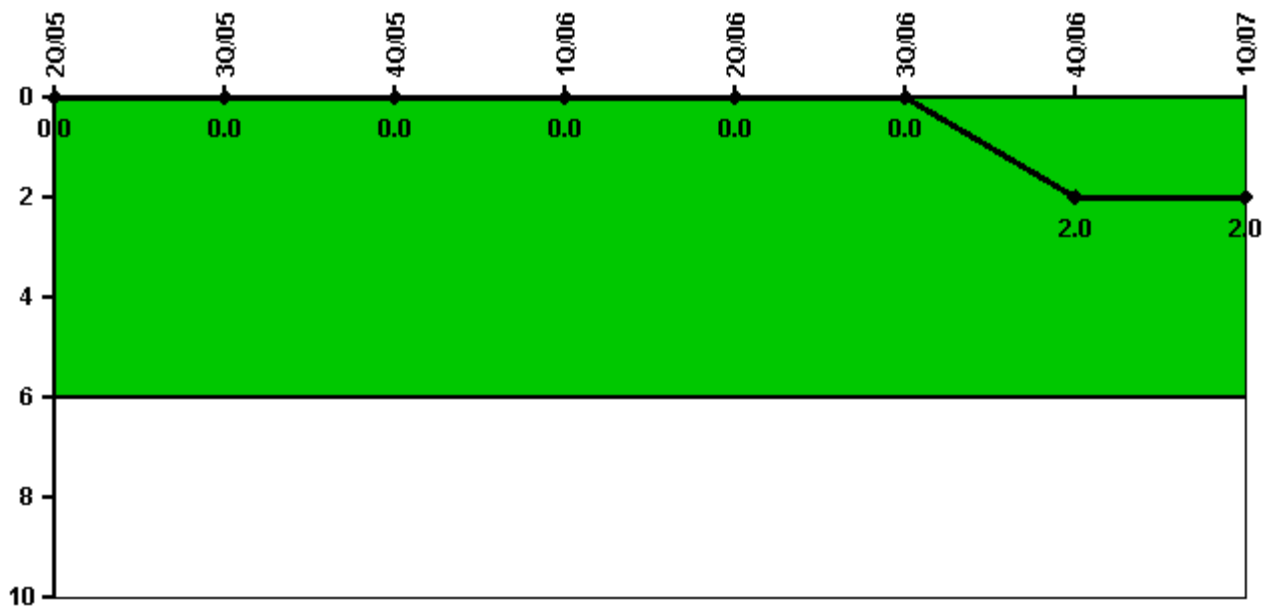
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|------------|------------|------------|----------|----------|----------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 |
| Critical hours | 2183.0 | 2112.2 | 2209.0 | 2160.0 | 2183.0 | 1840.4 | 2024.2 | 2159.0 |
| Indicator value | 3.4 | 2.5 | 0.8 | 0 | 0 | 0 | 0.9 | 1.7 |

Licensee Comments: none

Safety System Functional Failures (BWR)



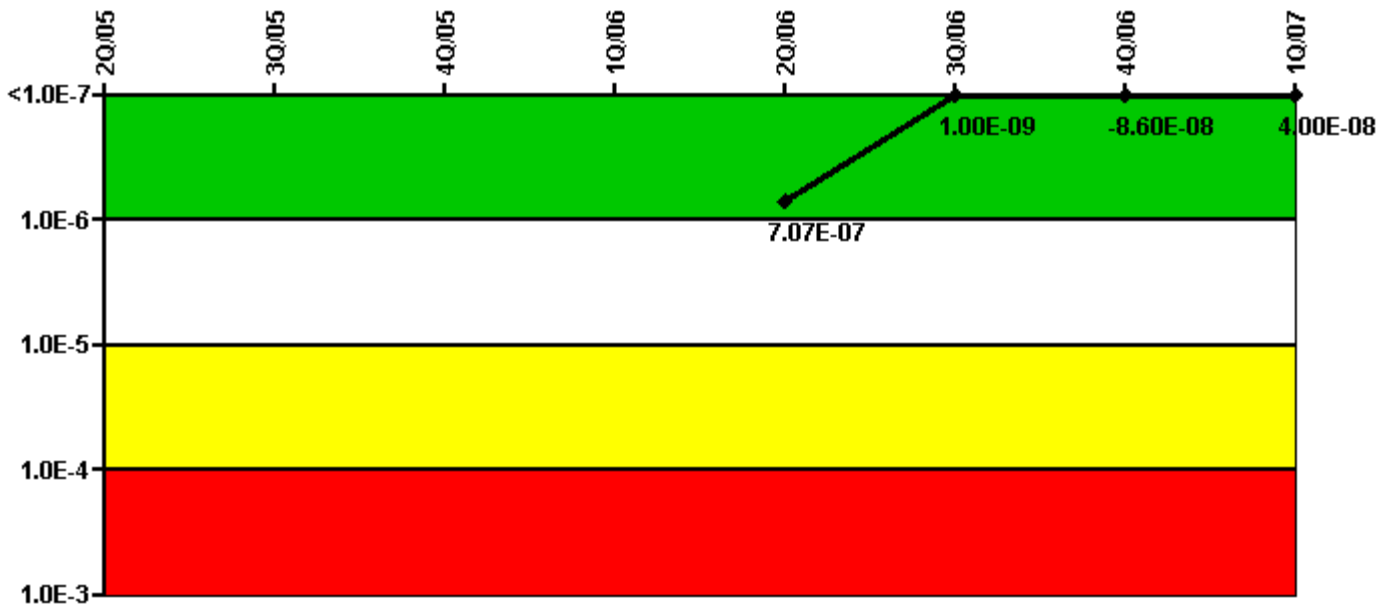
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



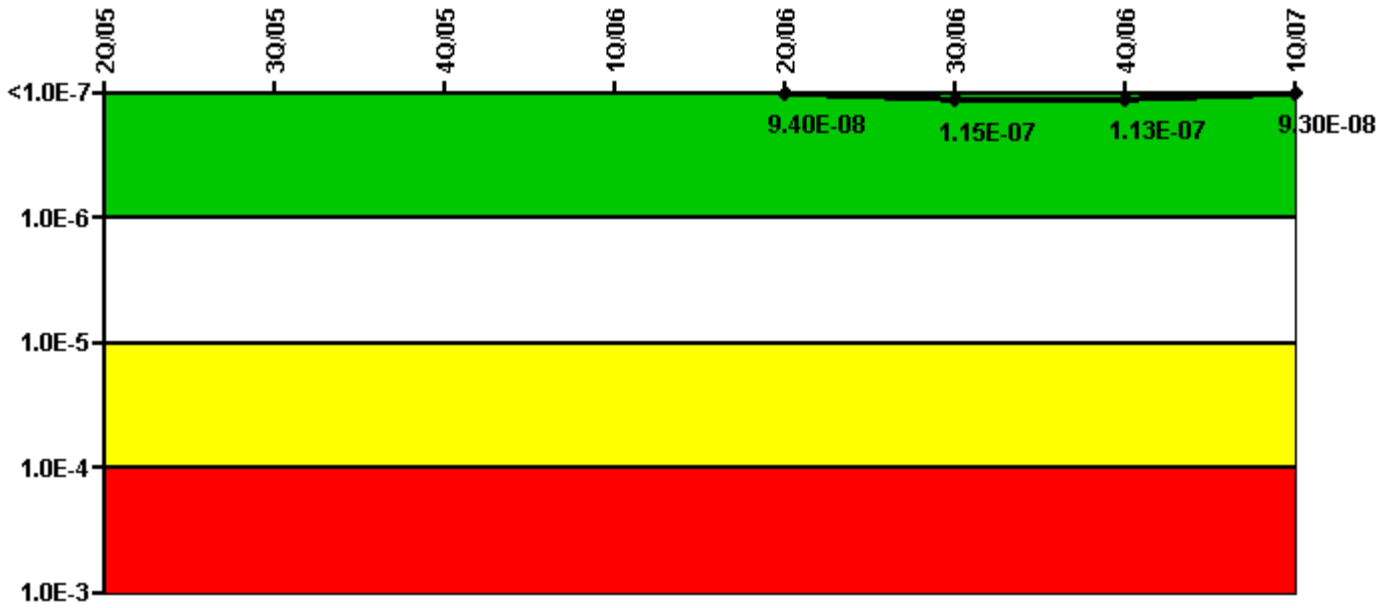
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|-------|-------|-------|-------|-----------------|-----------------|------------------|-----------------|
| UAI (ΔCDF) | | | | | 8.70E-08 | 7.90E-08 | 9.40E-08 | 2.10E-07 |
| URI (ΔCDF) | | | | | 6.20E-07 | -7.80E-08 | -1.80E-07 | -1.70E-07 |
| PLE | | | | | NO | NO | NO | NO |
| Indicator value | | | | | 7.07E-07 | 1.00E-09 | -8.60E-08 | 4.00E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



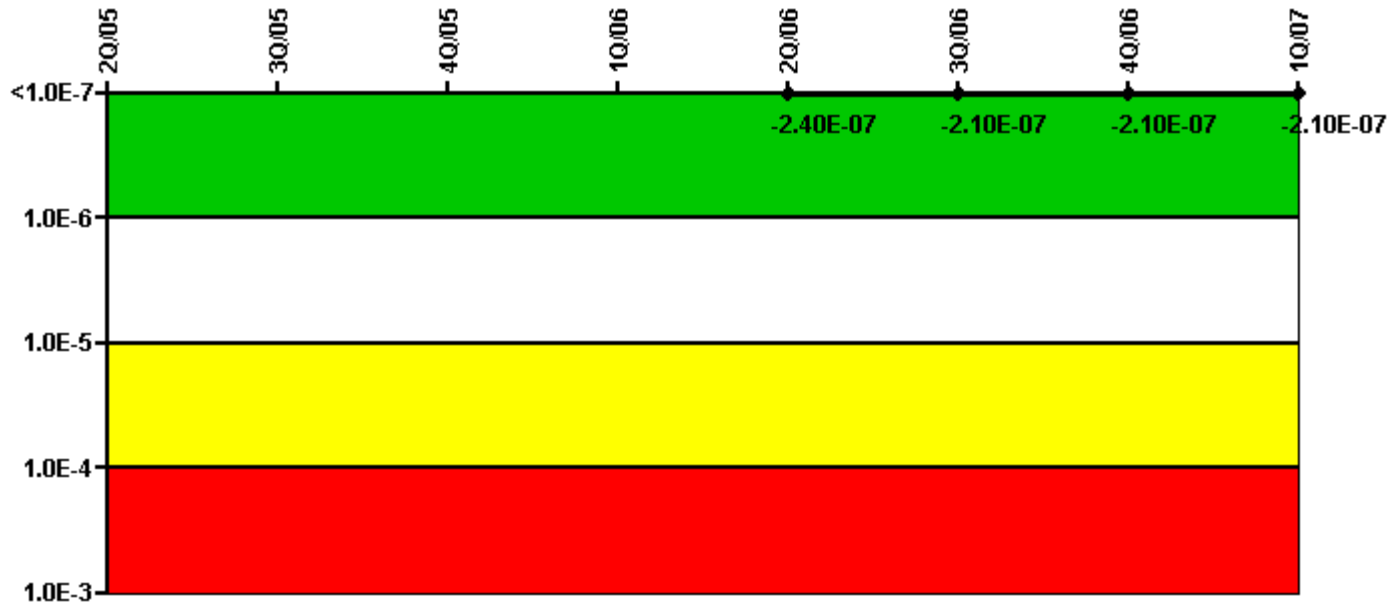
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|--|-------|-------|-------|-------|-----------------|-----------------|-----------------|-----------------|
| UAI (Δ CDF) | | | | | 5.80E-08 | 5.80E-08 | 5.90E-08 | 3.90E-08 |
| URI (Δ CDF) | | | | | 3.60E-08 | 5.70E-08 | 5.40E-08 | 5.40E-08 |
| PLE | | | | | NO | NO | NO | NO |
| Indicator value | | | | | 9.40E-08 | 1.15E-07 | 1.13E-07 | 9.30E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



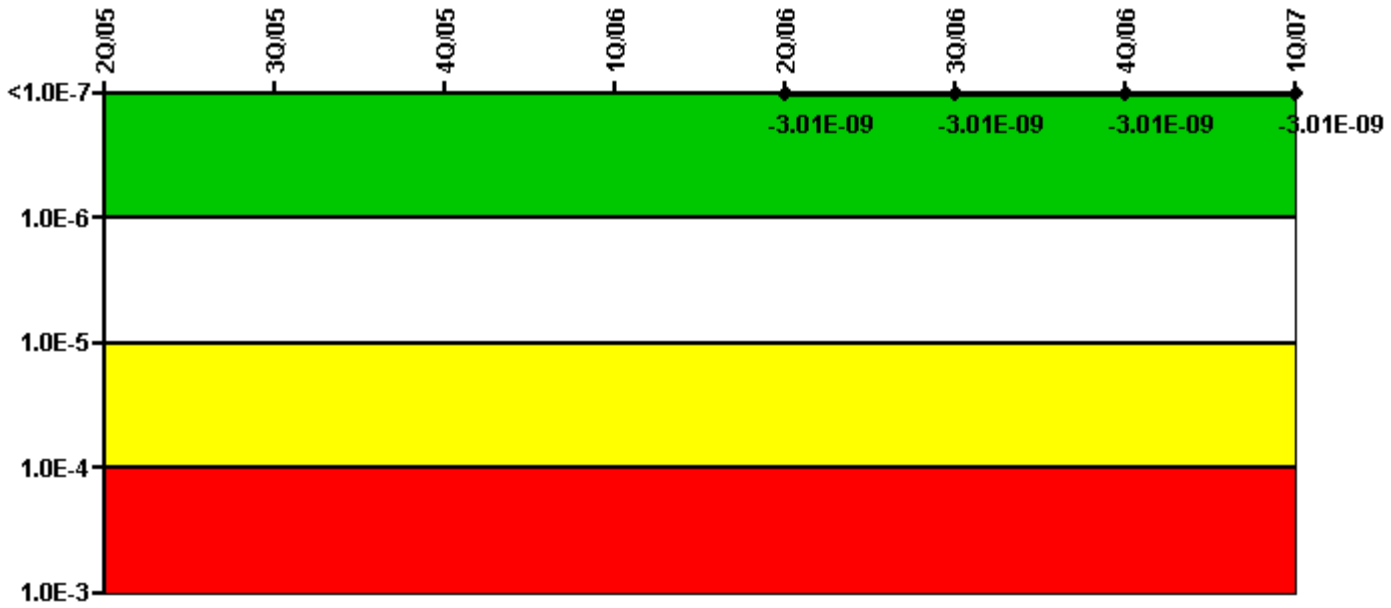
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|-------|-------|-------|-------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | | | | | -6.00E-08 | -6.00E-08 | -6.00E-08 | -6.00E-08 |
| URI (ΔCDF) | | | | | -1.80E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 |
| PLE | | | | | NO | NO | NO | NO |
| Indicator value | | | | | -2.40E-07 | -2.10E-07 | -2.10E-07 | -2.10E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



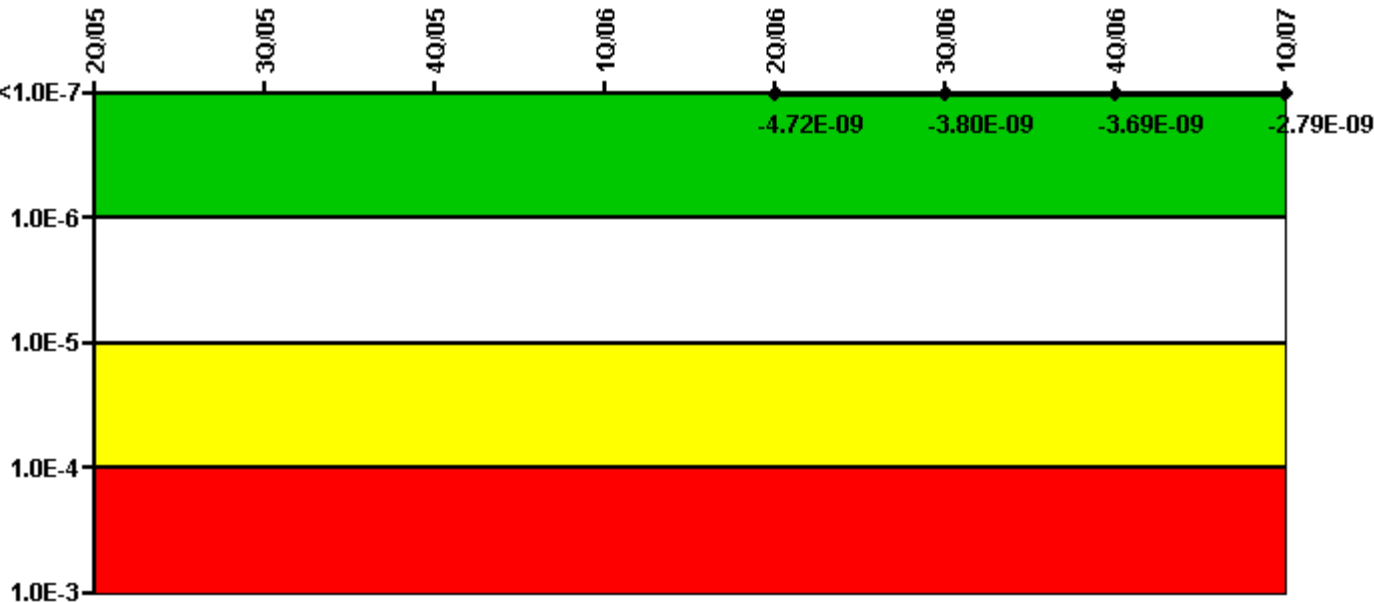
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|--|-------|-------|-------|-------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | | | | -8.10E-10 | -8.10E-10 | -8.10E-10 | -8.10E-10 |
| URI (Δ CDF) | | | | | -2.20E-09 | -2.20E-09 | -2.20E-09 | -2.20E-09 |
| PLE | | | | | NO | NO | NO | NO |
| Indicator value | | | | | -3.01E-09 | -3.01E-09 | -3.01E-09 | -3.01E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



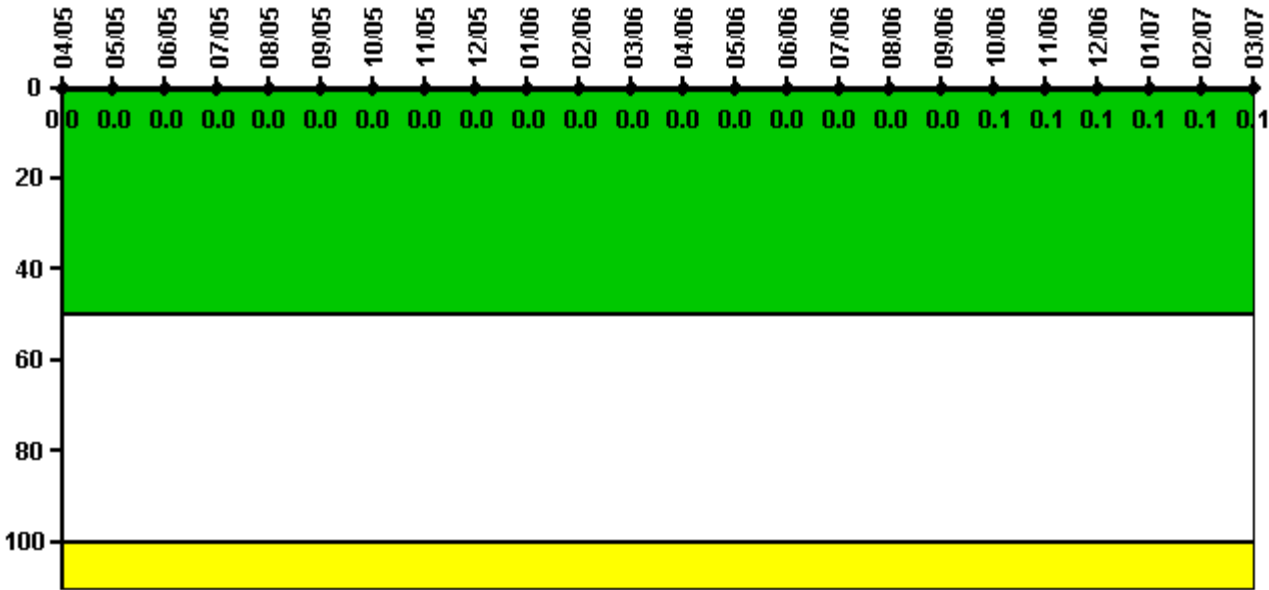
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|-------|-------|-------|-------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | | | | | 5.80E-10 | -3.00E-10 | -9.30E-11 | 8.10E-10 |
| URI (ΔCDF) | | | | | -5.30E-09 | -3.50E-09 | -3.60E-09 | -3.60E-09 |
| PLE | | | | | NO | NO | NO | NO |
| Indicator value | | | | | -4.72E-09 | -3.80E-09 | -3.69E-09 | -2.79E-09 |

Licensee Comments: none

Reactor Coolant System Activity



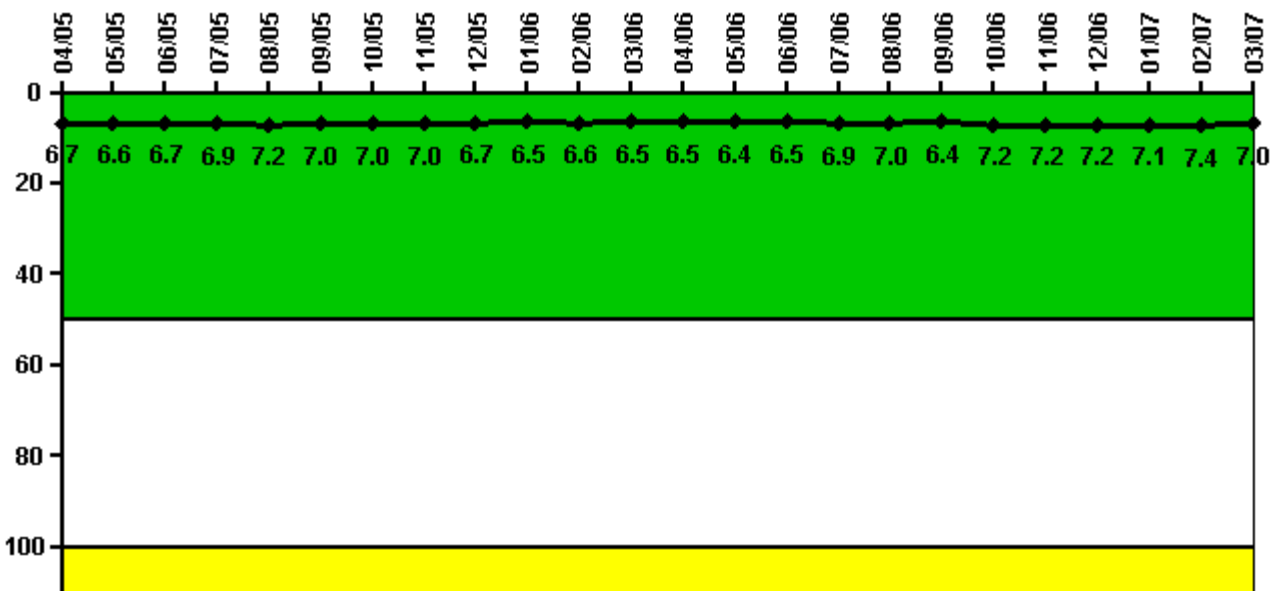
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000018 | 0.000018 | 0.000031 | 0.000059 | 0.000071 | 0.000076 | 0.000046 | 0.000031 | 0.000025 | 0.000073 | 0.000044 | 0.000041 |
| 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 | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 |
| Maximum activity | 0.000088 | 0.000060 | 0.000061 | 0.000049 | 0.000038 | 0.000051 | 0.000192 | 0.000204 | 0.000198 | 0.000143 | 0.000122 | 0.000125 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

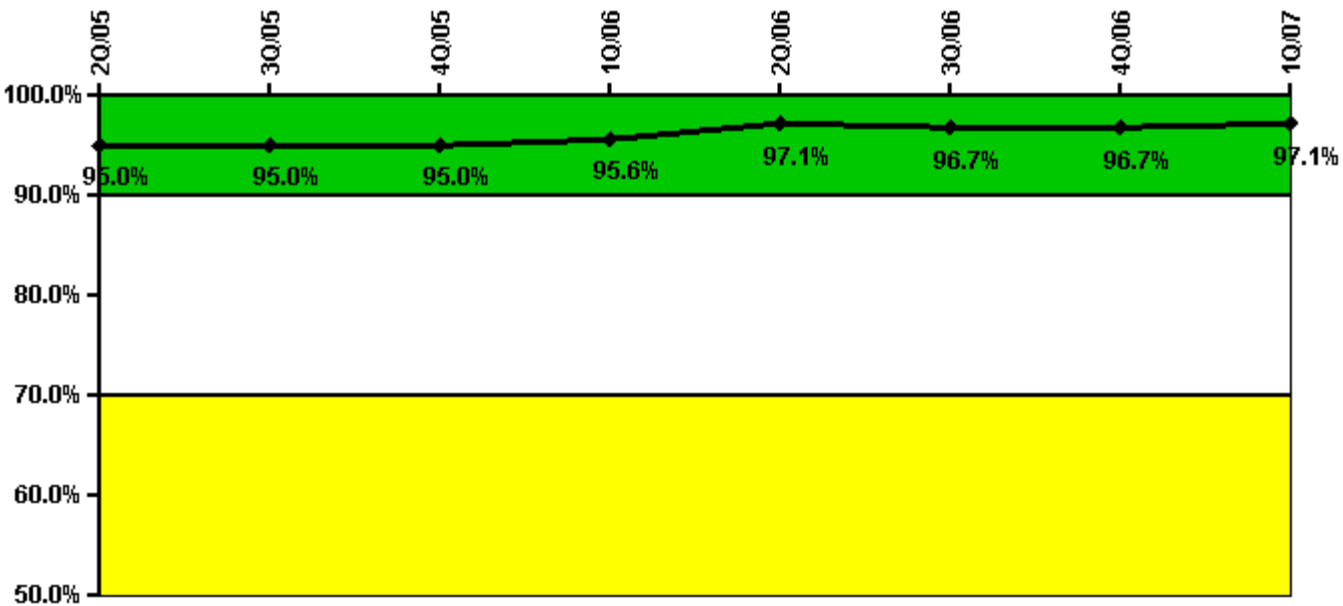
Notes

| Reactor Coolant System Leakage | 4/05 | 5/05 | 6/05 | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum leakage | 1.670 | 1.640 | 1.680 | 1.730 | 1.790 | 1.750 | 1.740 | 1.750 | 1.670 | 1.620 | 1.650 | 1.620 |
| 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 | 6.7 | 6.6 | 6.7 | 6.9 | 7.2 | 7.0 | 7.0 | 7.0 | 6.7 | 6.5 | 6.6 | 6.5 |

| Reactor Coolant System Leakage | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum leakage | 1.620 | 1.600 | 1.620 | 1.730 | 1.740 | 1.590 | 1.810 | 1.790 | 1.790 | 1.780 | 1.840 | 1.750 |
| 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 | 6.5 | 6.4 | 6.5 | 6.9 | 7.0 | 6.4 | 7.2 | 7.2 | 7.2 | 7.1 | 7.4 | 7.0 |

Licensee Comments: none

Drill/Exercise Performance



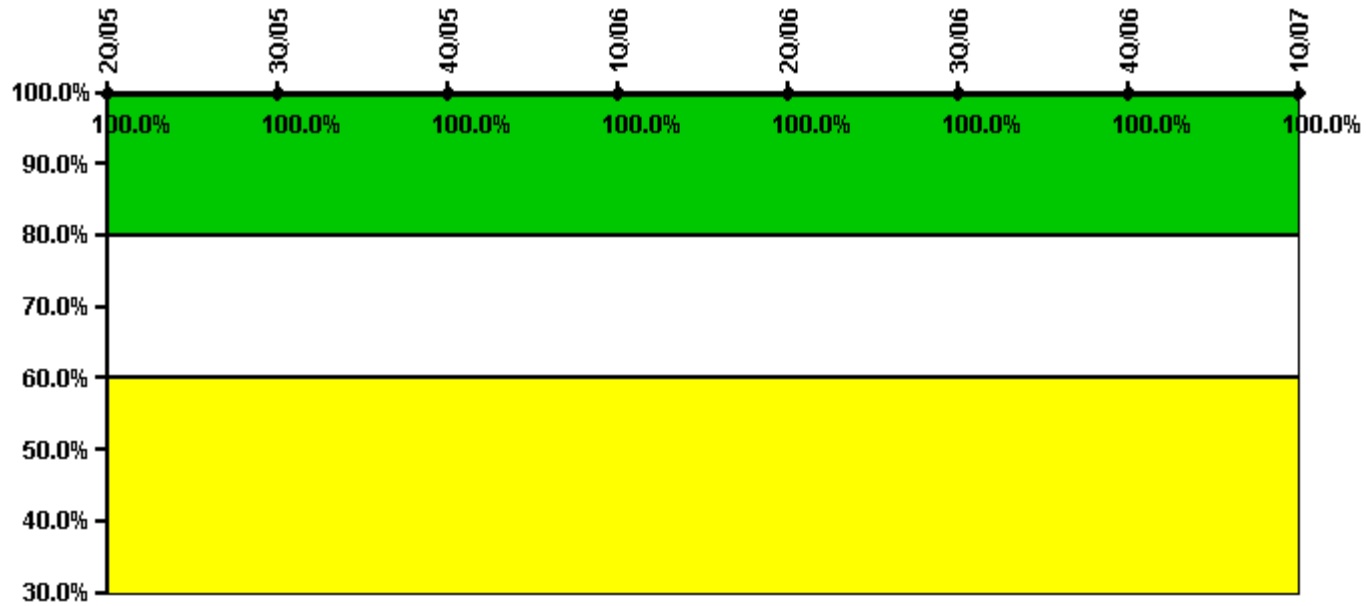
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 34.0 | 20.0 | 20.0 | 109.0 | 58.0 | 27.0 | 24.0 | 146.0 |
| Total opportunities | 39.0 | 20.0 | 21.0 | 111.0 | 58.0 | 28.0 | 24.0 | 150.0 |
| | | | | | | | | |
| Indicator value | 95.0% | 95.0% | 95.0% | 95.6% | 97.1% | 96.7% | 96.7% | 97.1% |

Licensee Comments: none

ERO Drill Participation



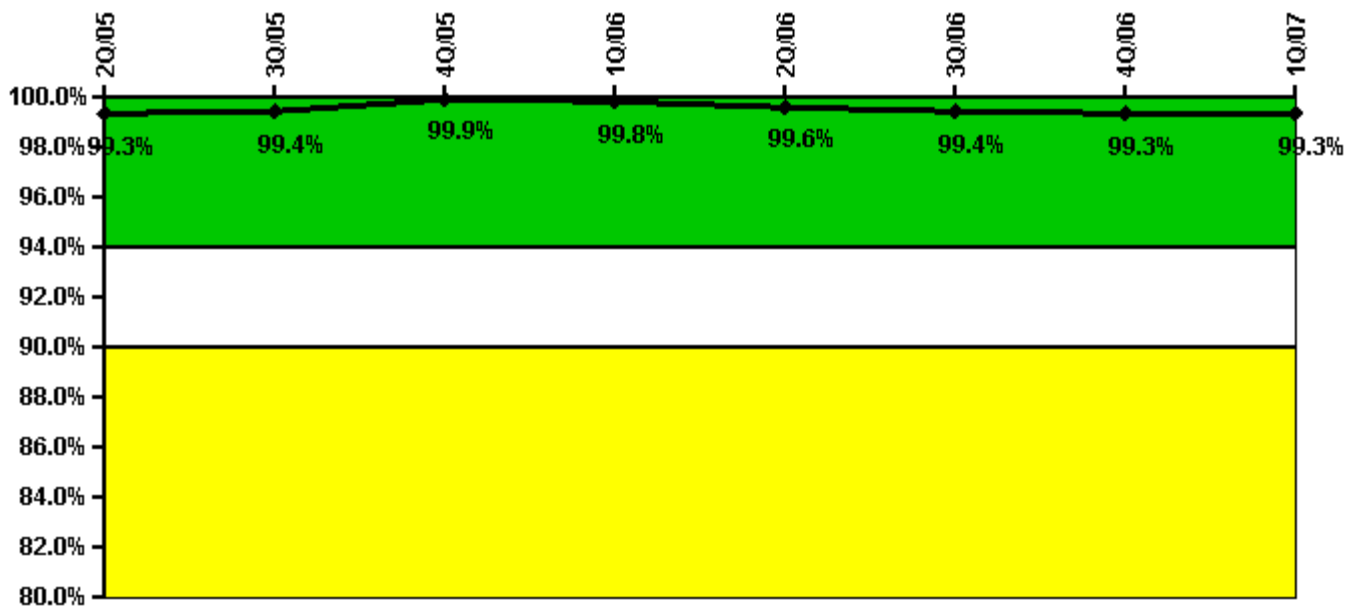
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 75.0 | 75.0 | 76.0 | 76.0 | 75.0 | 81.0 | 82.0 | 84.0 |
| Total Key personnel | 75.0 | 75.0 | 76.0 | 76.0 | 75.0 | 81.0 | 82.0 | 84.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



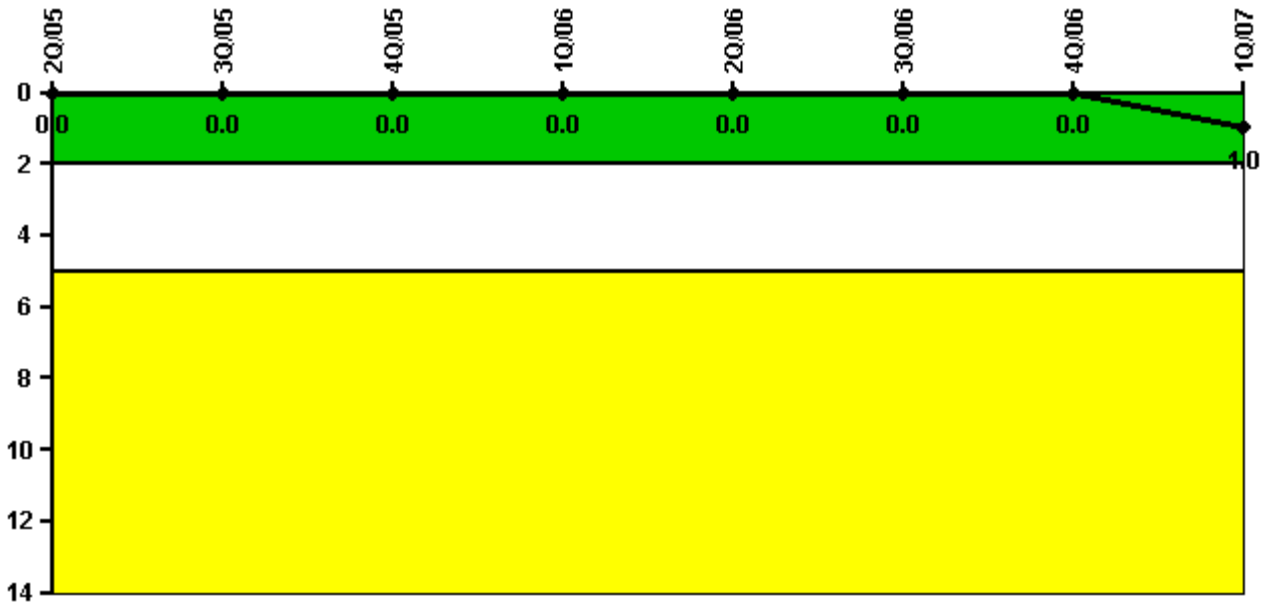
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1259 | 1258 | 1261 | 1258 | 1247 | 1249 | 1257 | 1256 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.3% | 99.4% | 99.9% | 99.8% | 99.6% | 99.4% | 99.3% | 99.3% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



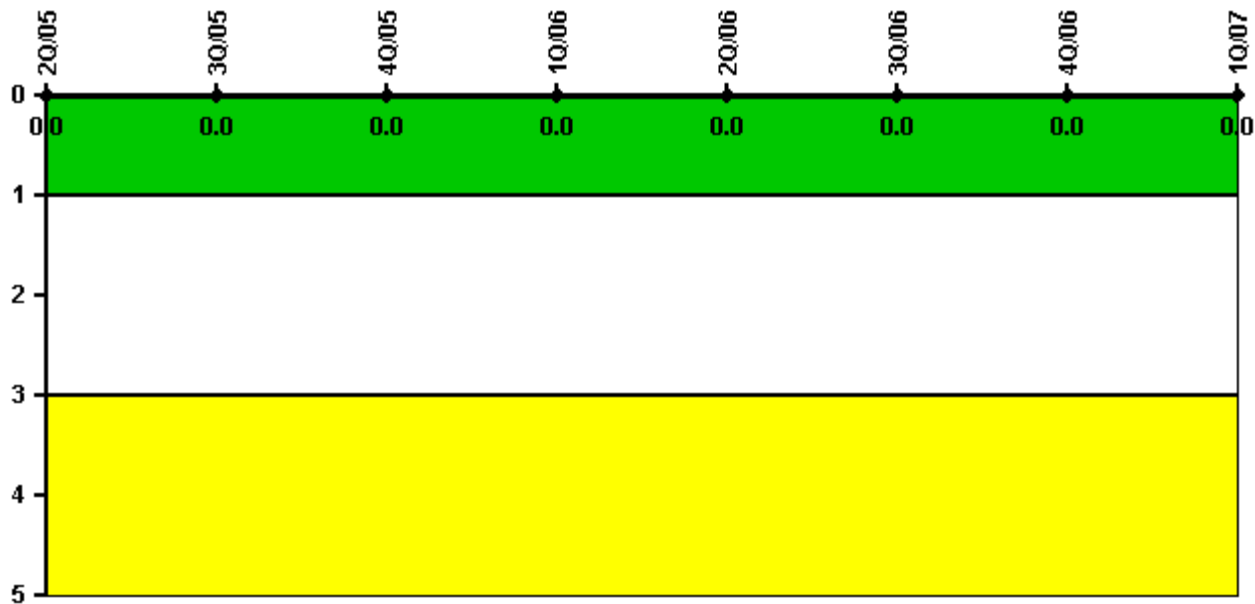
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 2Q/05 | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

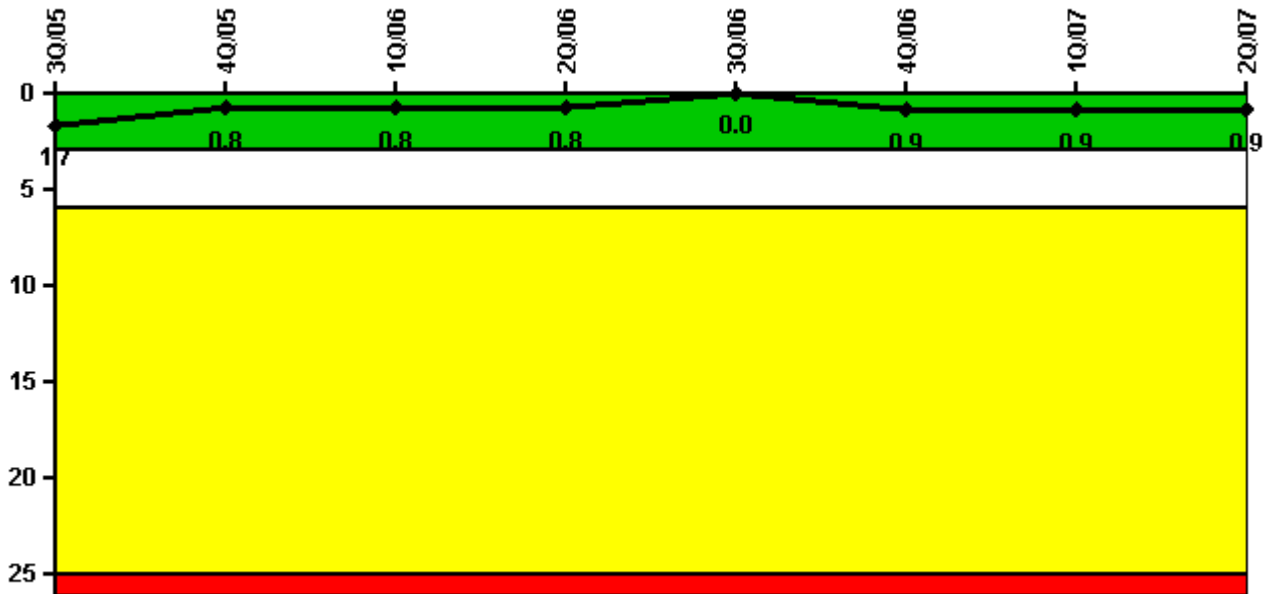
[Physical Protection](#) information not publicly available.

Peach Bottom 2

2Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



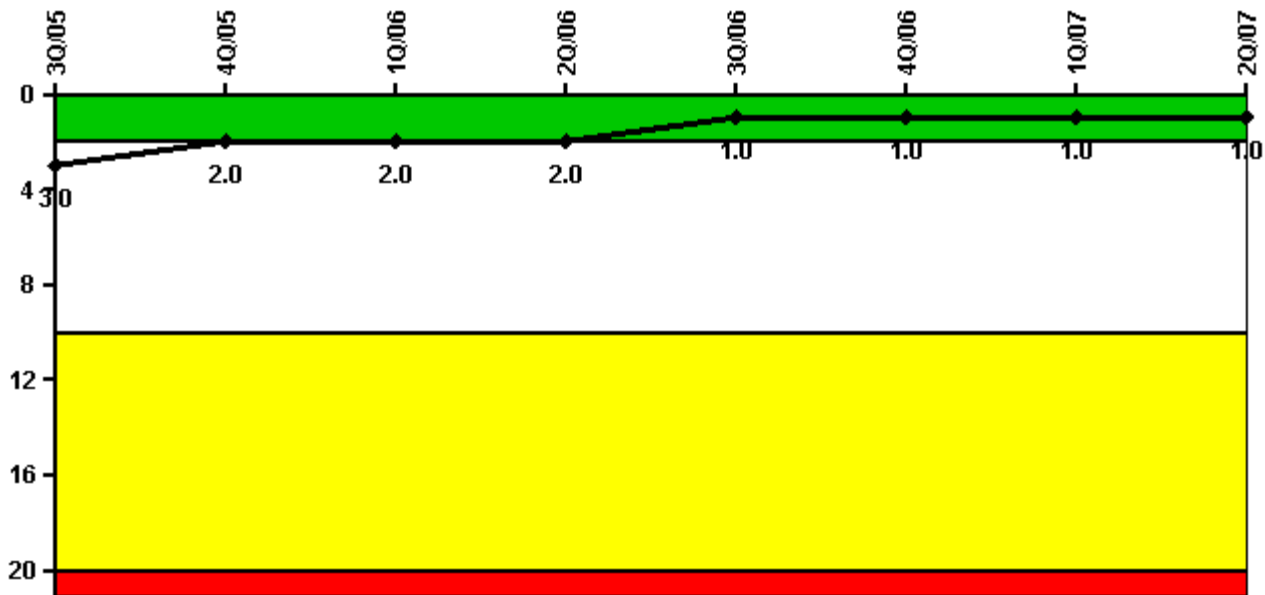
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|--|------------|------------|------------|------------|----------|------------|------------|------------|
| Unplanned scrams | 1.0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2112.2 | 2209.0 | 2160.0 | 2183.0 | 1840.4 | 2024.2 | 2159.0 | 2184.0 |
| Indicator value | 1.7 | 0.8 | 0.8 | 0.8 | 0 | 0.9 | 0.9 | 0.9 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



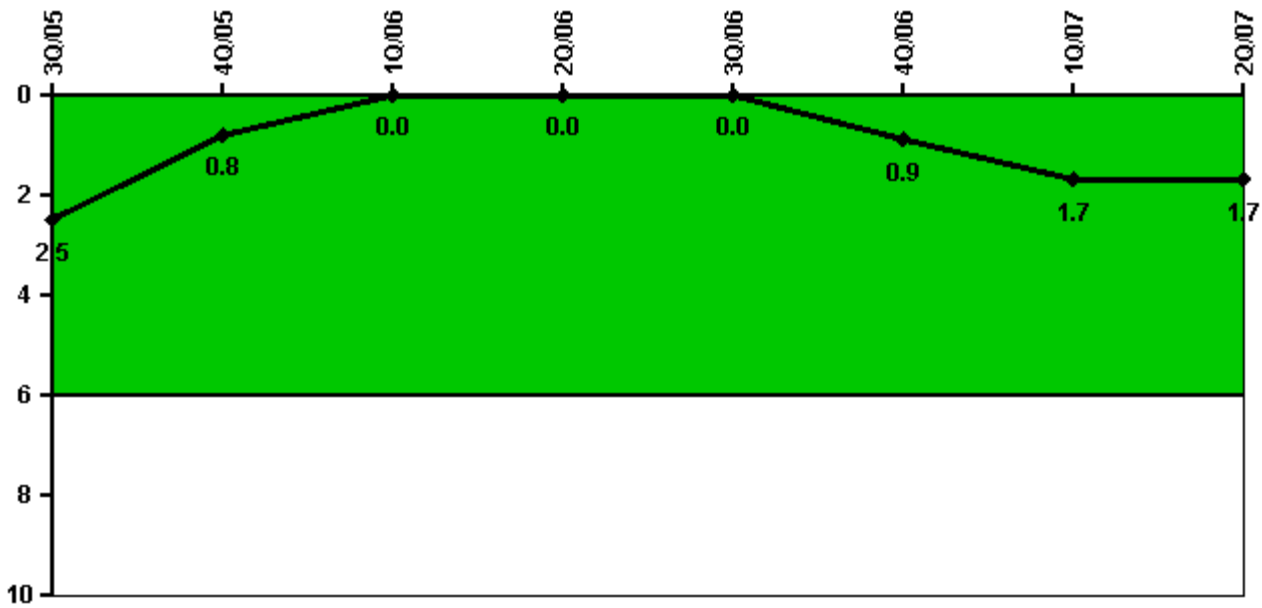
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

| Scrams with Loss of Normal Heat Removal | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



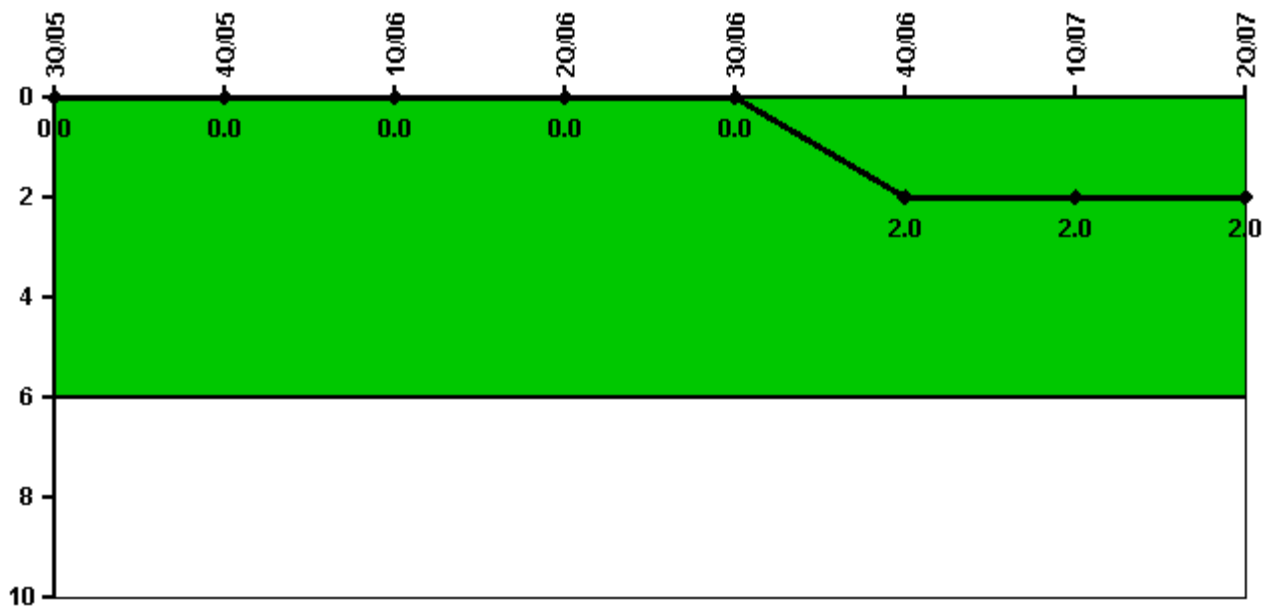
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|------------|------------|----------|----------|----------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 0 |
| Critical hours | 2112.2 | 2209.0 | 2160.0 | 2183.0 | 1840.4 | 2024.2 | 2159.0 | 2184.0 |
| Indicator value | 2.5 | 0.8 | 0 | 0 | 0 | 0.9 | 1.7 | 1.7 |

Licensee Comments: none

Safety System Functional Failures (BWR)



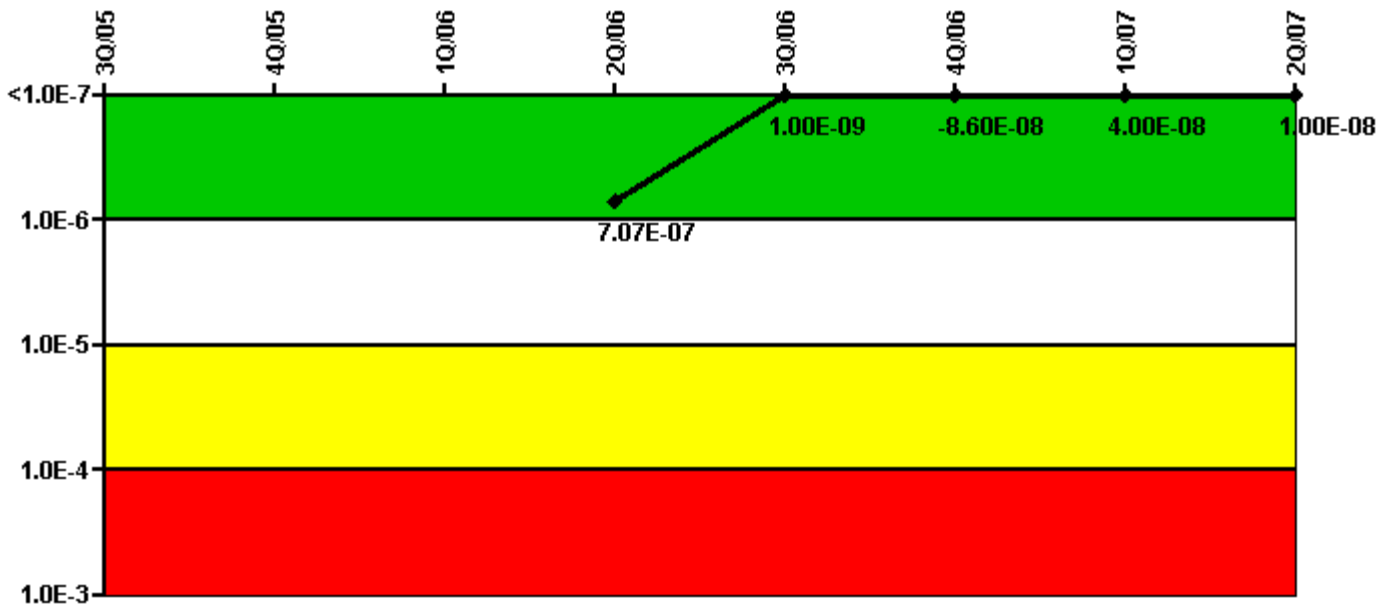
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



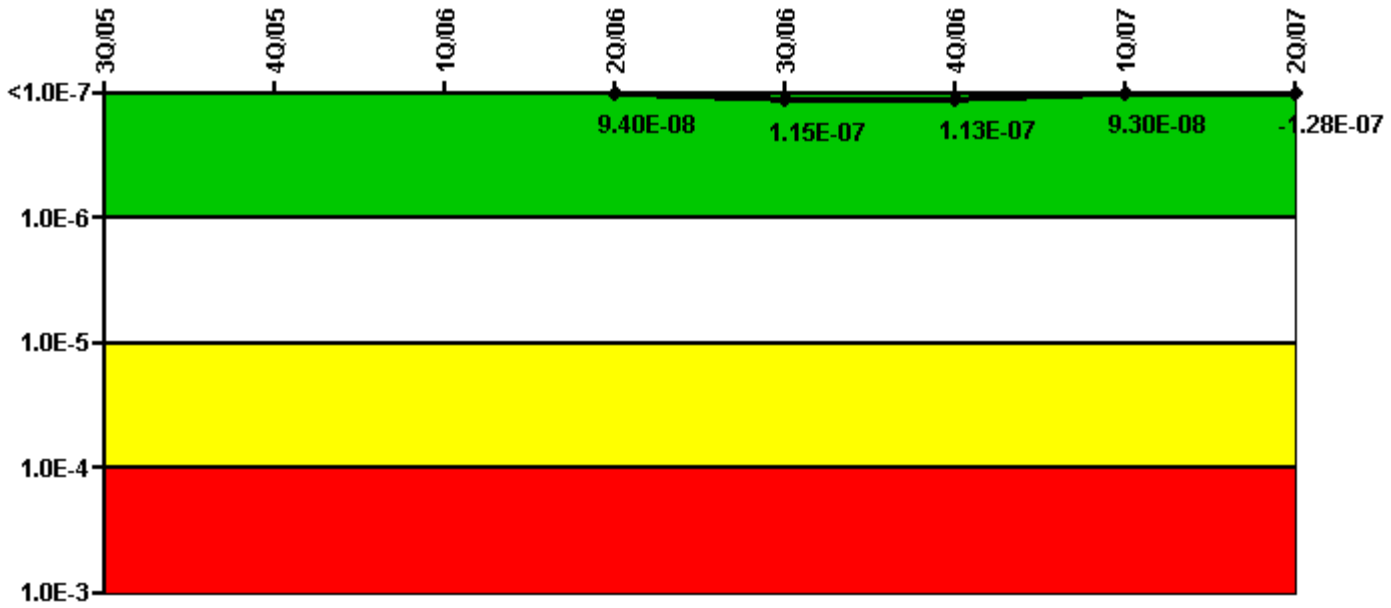
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|-------|-------|-------|------------|-------------|-------------|-------------|-------------|
| UAI (ACDF) | | | | $8.70E-08$ | $7.90E-08$ | $9.40E-08$ | $2.10E-07$ | $1.30E-07$ |
| URI (ACDF) | | | | $6.20E-07$ | $-7.80E-08$ | $-1.80E-07$ | $-1.70E-07$ | $-1.20E-07$ |
| PLE | | | | NO | NO | NO | NO | NO |
| Indicator value | | | | $7.07E-07$ | $1.00E-09$ | $-8.60E-08$ | $4.00E-08$ | $1.00E-08$ |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



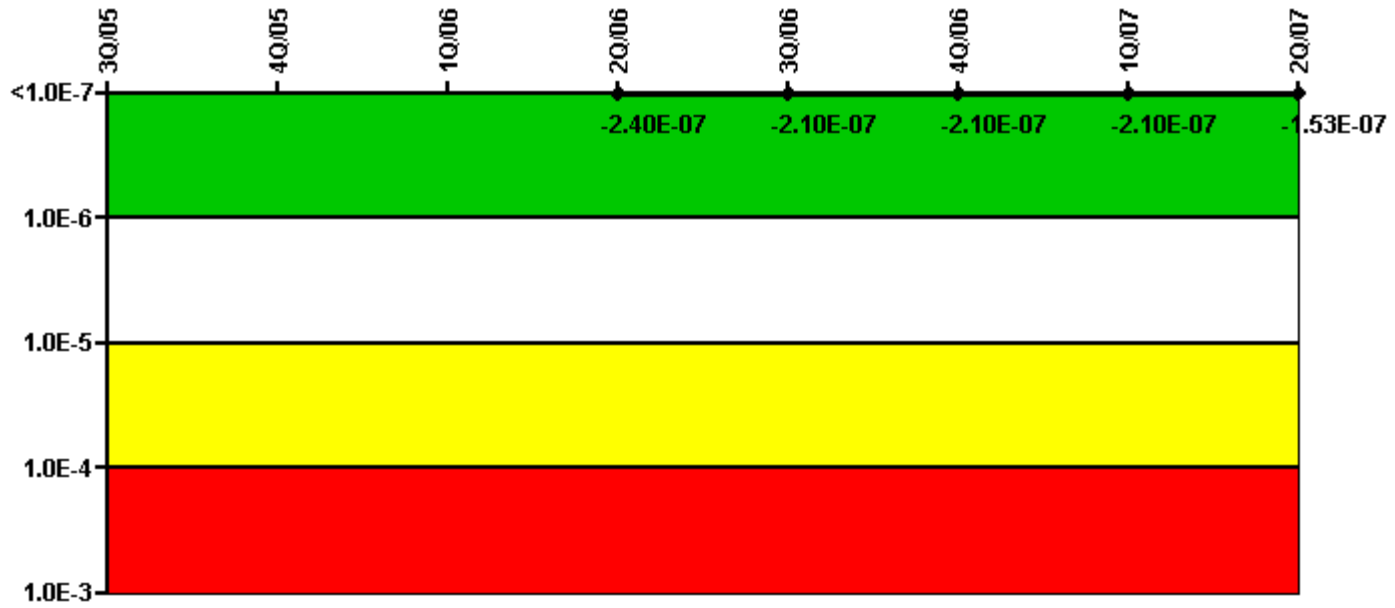
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|--|-------|-------|-------|----------|----------|----------|----------|-----------|
| UAI (Δ CDF) | | | | 5.80E-08 | 5.80E-08 | 5.90E-08 | 3.90E-08 | -3.80E-08 |
| URI (Δ CDF) | | | | 3.60E-08 | 5.70E-08 | 5.40E-08 | 5.40E-08 | -9.00E-08 |
| PLE | | | | NO | NO | NO | NO | NO |
| Indicator value | | | | 9.40E-08 | 1.15E-07 | 1.13E-07 | 9.30E-08 | -1.28E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



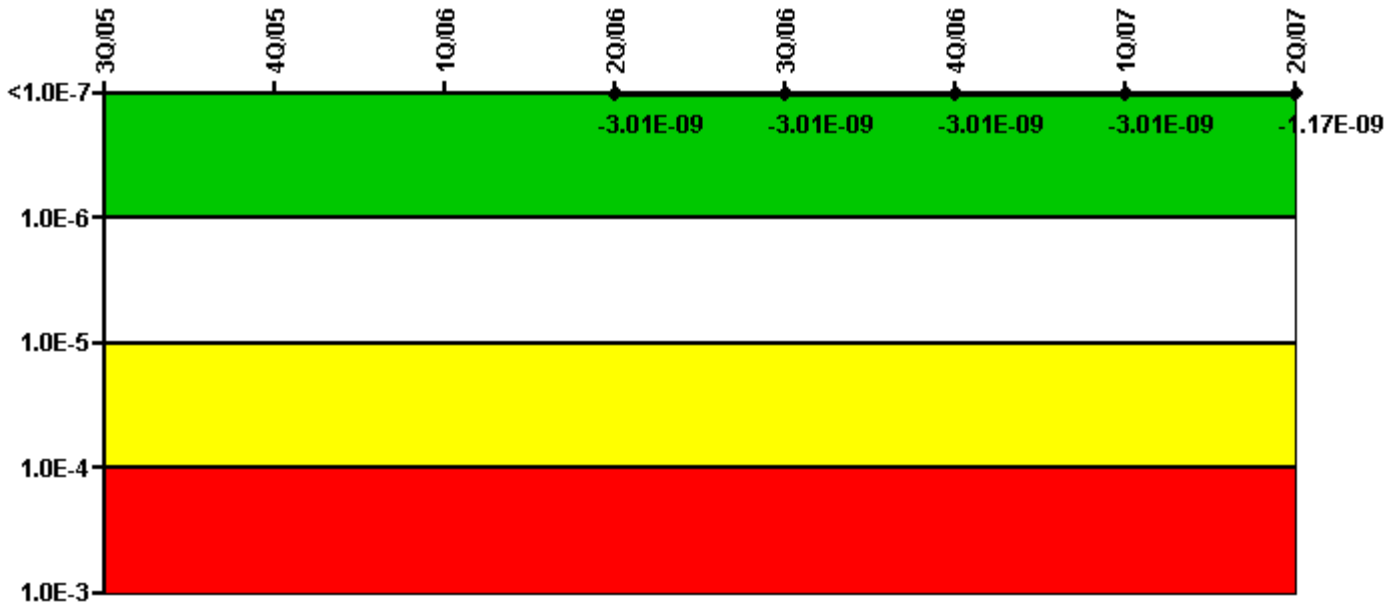
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|-------|-------|-------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | | | -6.00E-08 | -6.00E-08 | -6.00E-08 | -6.00E-08 | -4.30E-08 |
| URI (Δ CDF) | | | | -1.80E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.10E-07 |
| PLE | | | | NO | NO | NO | NO | NO |
| Indicator value | | | | -2.40E-07 | -2.10E-07 | -2.10E-07 | -2.10E-07 | -1.53E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



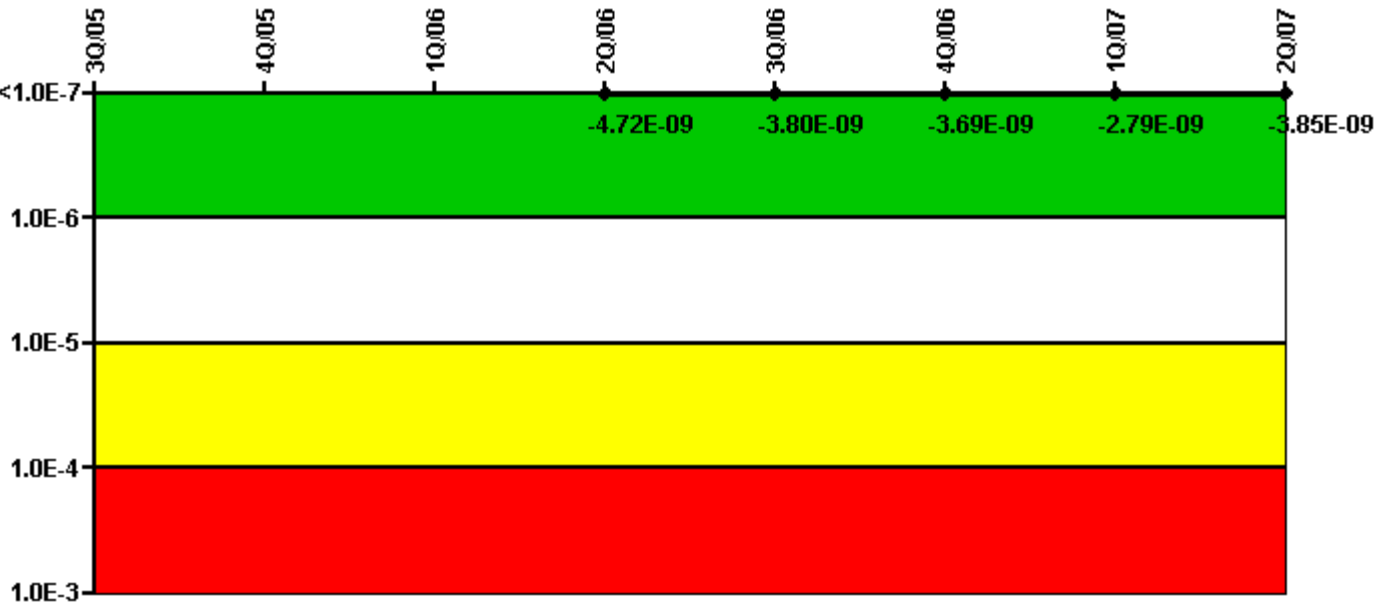
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|--|-------|-------|-------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | | | -8.10E-10 | -8.10E-10 | -8.10E-10 | -8.10E-10 | -2.00E-10 |
| URI (Δ CDF) | | | | -2.20E-09 | -2.20E-09 | -2.20E-09 | -2.20E-09 | -9.70E-10 |
| PLE | | | | NO | NO | NO | NO | NO |
| Indicator value | | | | -3.01E-09 | -3.01E-09 | -3.01E-09 | -3.01E-09 | -1.17E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



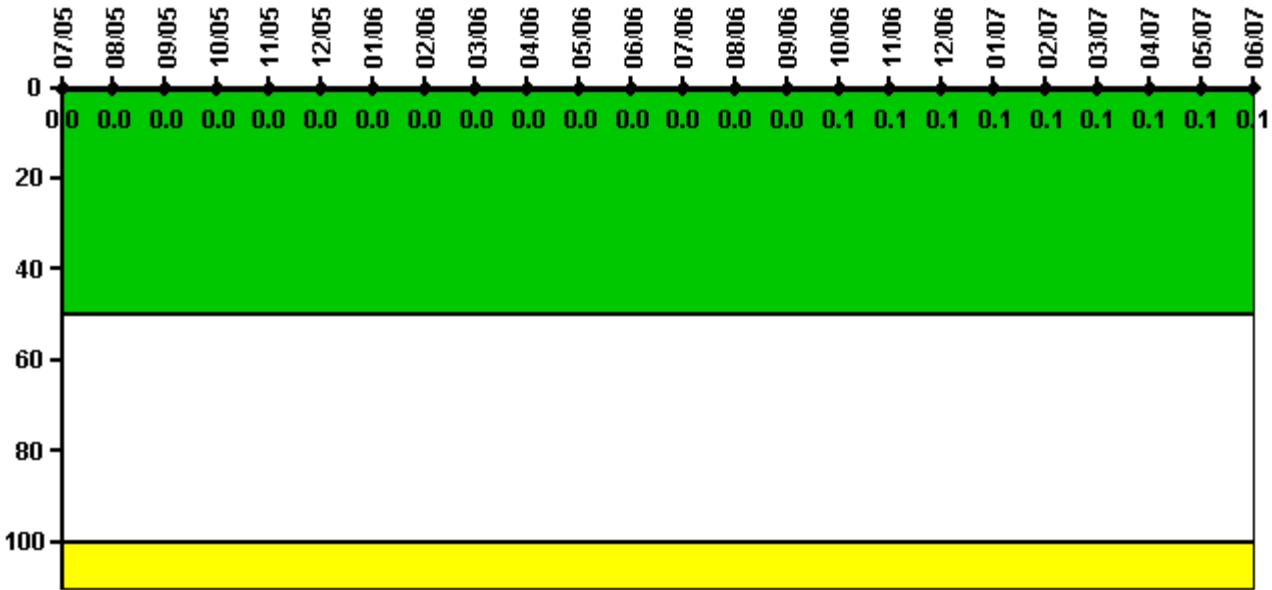
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|-------|-------|-------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | | | | 5.80E-10 | -3.00E-10 | -9.30E-11 | 8.10E-10 | -1.50E-10 |
| URI (ΔCDF) | | | | -5.30E-09 | -3.50E-09 | -3.60E-09 | -3.60E-09 | -3.70E-09 |
| PLE | | | | NO | NO | NO | NO | NO |
| Indicator value | | | | -4.72E-09 | -3.80E-09 | -3.69E-09 | -2.79E-09 | -3.85E-09 |

Licensee Comments: none

Reactor Coolant System Activity



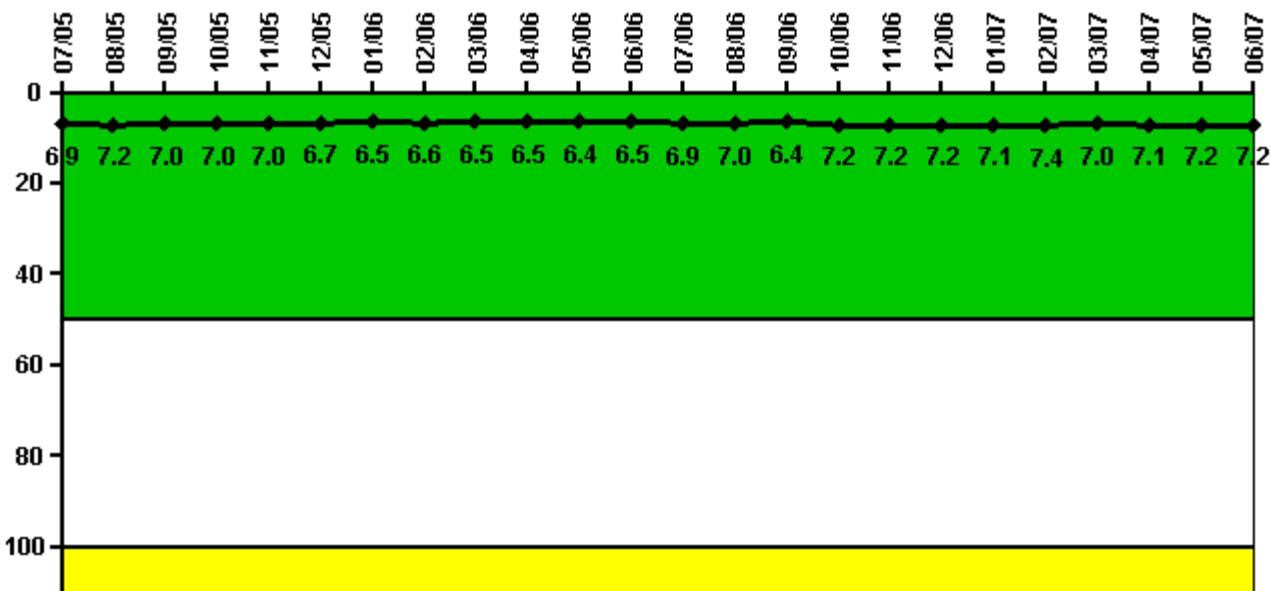
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000059 | 0.000071 | 0.000076 | 0.000046 | 0.000031 | 0.000025 | 0.000073 | 0.000044 | 0.000041 | 0.000088 | 0.000060 | 0.000061 |
| 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 | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 |
| Maximum activity | 0.000049 | 0.000038 | 0.000051 | 0.000192 | 0.000204 | 0.000198 | 0.000143 | 0.000122 | 0.000125 | 0.000131 | 0.000145 | 0.000146 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

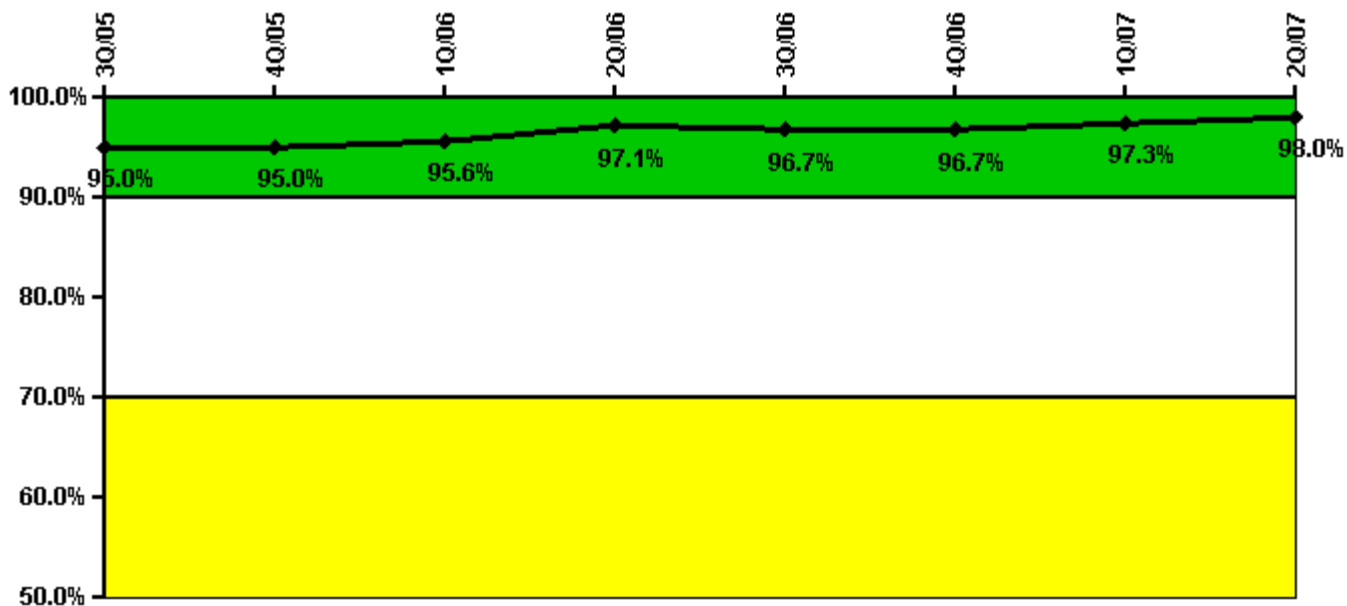
Notes

| Reactor Coolant System Leakage | 7/05 | 8/05 | 9/05 | 10/05 | 11/05 | 12/05 | 1/06 | 2/06 | 3/06 | 4/06 | 5/06 | 6/06 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum leakage | 1.730 | 1.790 | 1.750 | 1.740 | 1.750 | 1.670 | 1.620 | 1.650 | 1.620 | 1.620 | 1.600 | 1.620 |
| 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 | 6.9 | 7.2 | 7.0 | 7.0 | 7.0 | 6.7 | 6.5 | 6.6 | 6.5 | 6.5 | 6.4 | 6.5 |

| Reactor Coolant System Leakage | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum leakage | 1.730 | 1.740 | 1.590 | 1.810 | 1.790 | 1.790 | 1.780 | 1.840 | 1.750 | 1.780 | 1.790 | 1.800 |
| 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 | 6.9 | 7.0 | 6.4 | 7.2 | 7.2 | 7.2 | 7.1 | 7.4 | 7.0 | 7.1 | 7.2 | 7.2 |

Licensee Comments: none

Drill/Exercise Performance



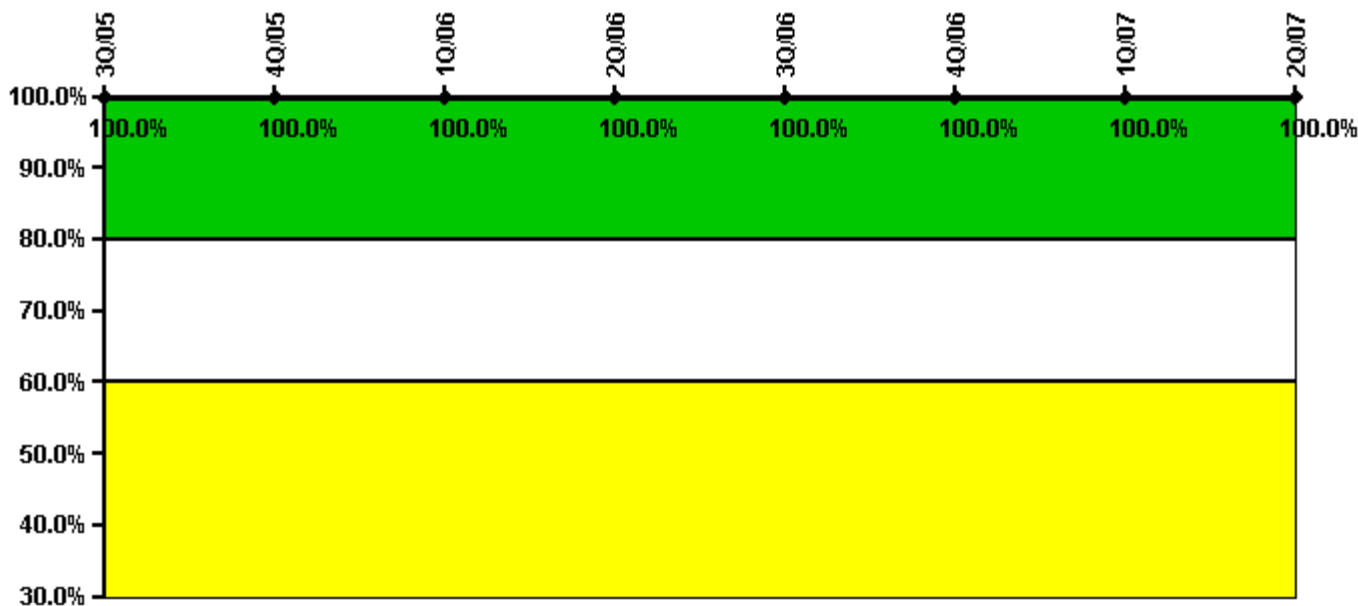
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 20.0 | 20.0 | 109.0 | 58.0 | 27.0 | 24.0 | 145.0 | 28.0 |
| Total opportunities | 20.0 | 21.0 | 111.0 | 58.0 | 28.0 | 24.0 | 148.0 | 30.0 |
| | | | | | | | | |
| Indicator value | 95.0% | 95.0% | 95.6% | 97.1% | 96.7% | 96.7% | 97.3% | 98.0% |

Licensee Comments: none

ERO Drill Participation



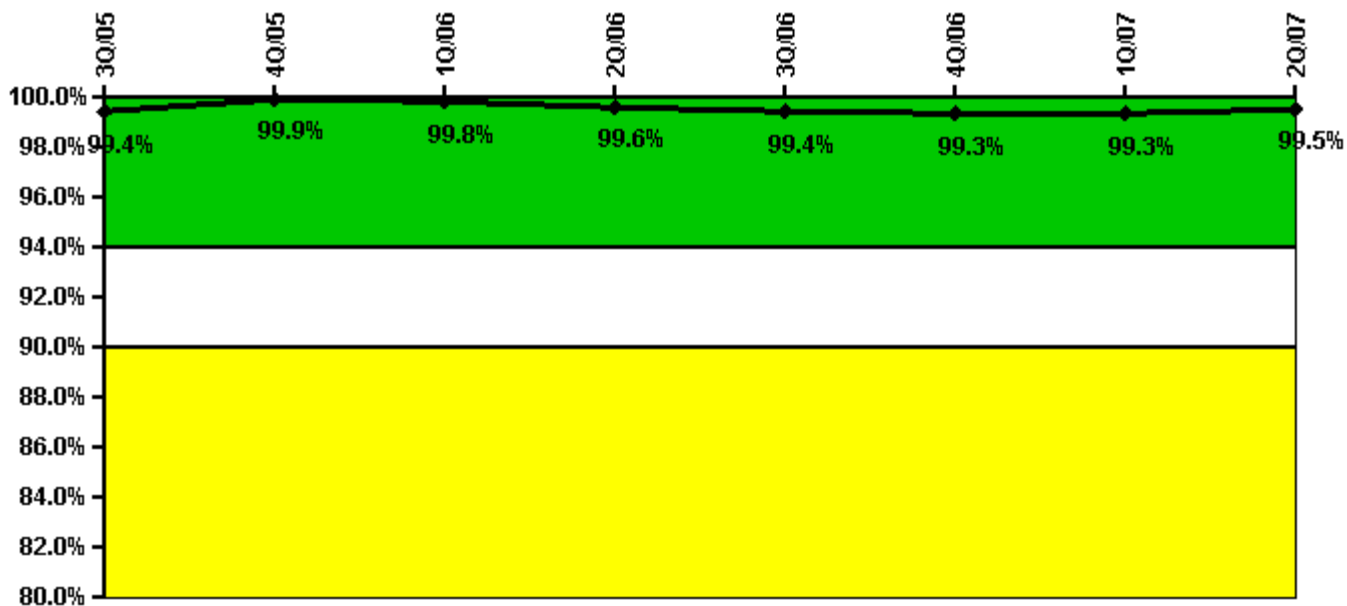
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 75.0 | 76.0 | 76.0 | 75.0 | 81.0 | 82.0 | 84.0 | 79.0 |
| Total Key personnel | 75.0 | 76.0 | 76.0 | 75.0 | 81.0 | 82.0 | 84.0 | 79.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



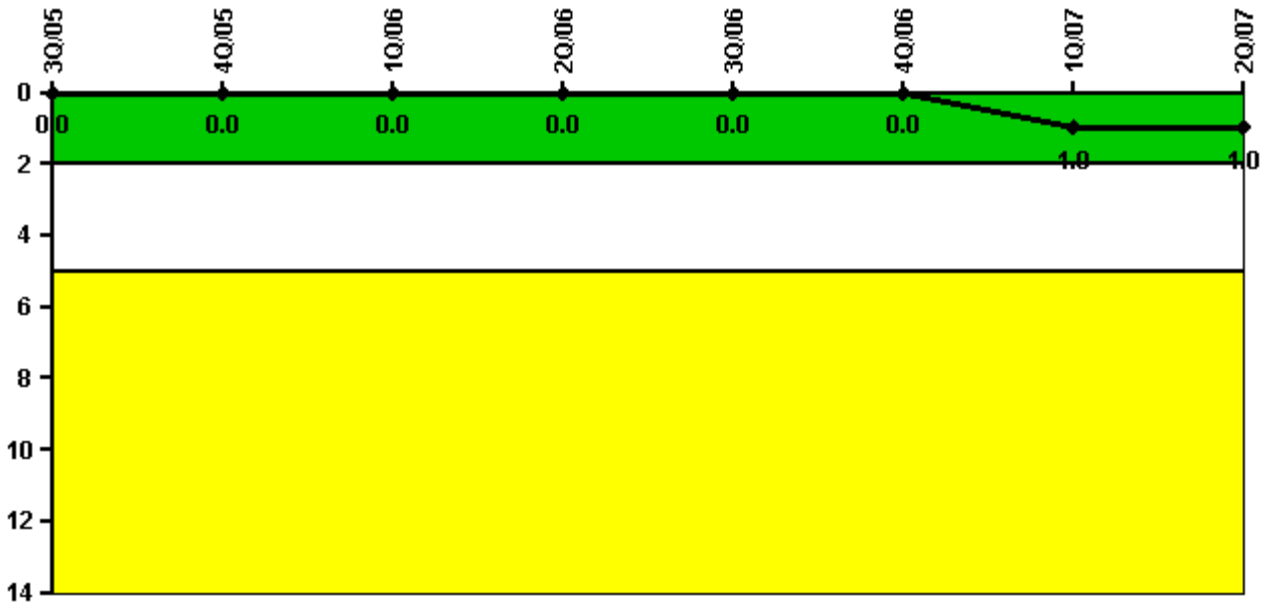
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1258 | 1261 | 1258 | 1247 | 1249 | 1257 | 1256 | 1258 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.4% | 99.9% | 99.8% | 99.6% | 99.4% | 99.3% | 99.3% | 99.5% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



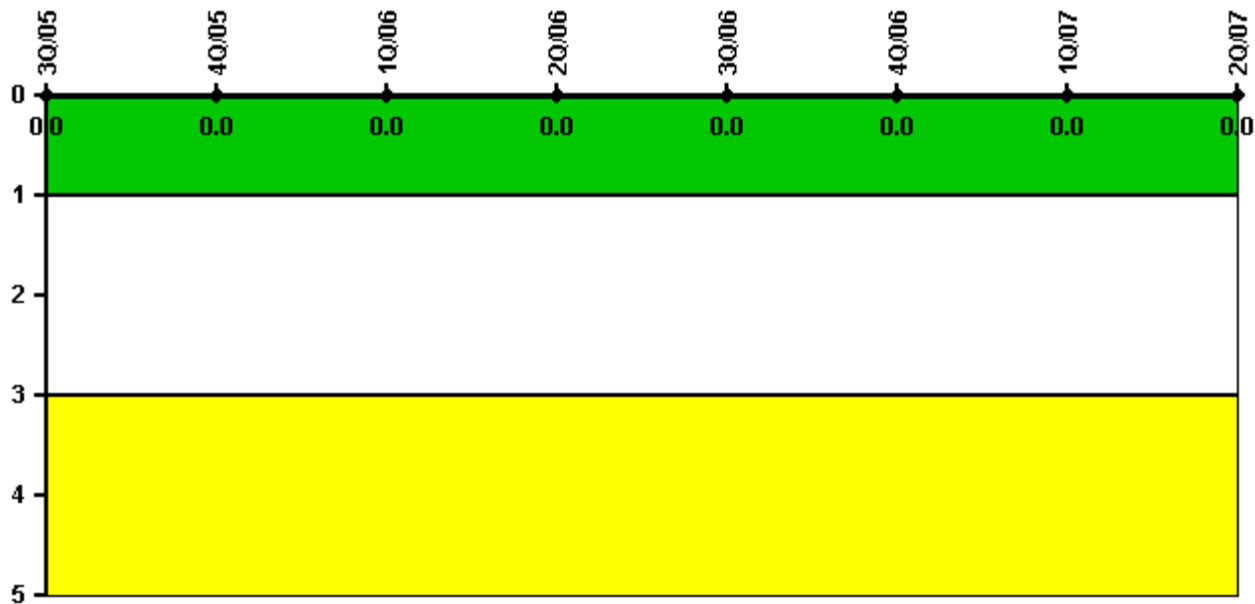
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 3Q/05 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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.

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

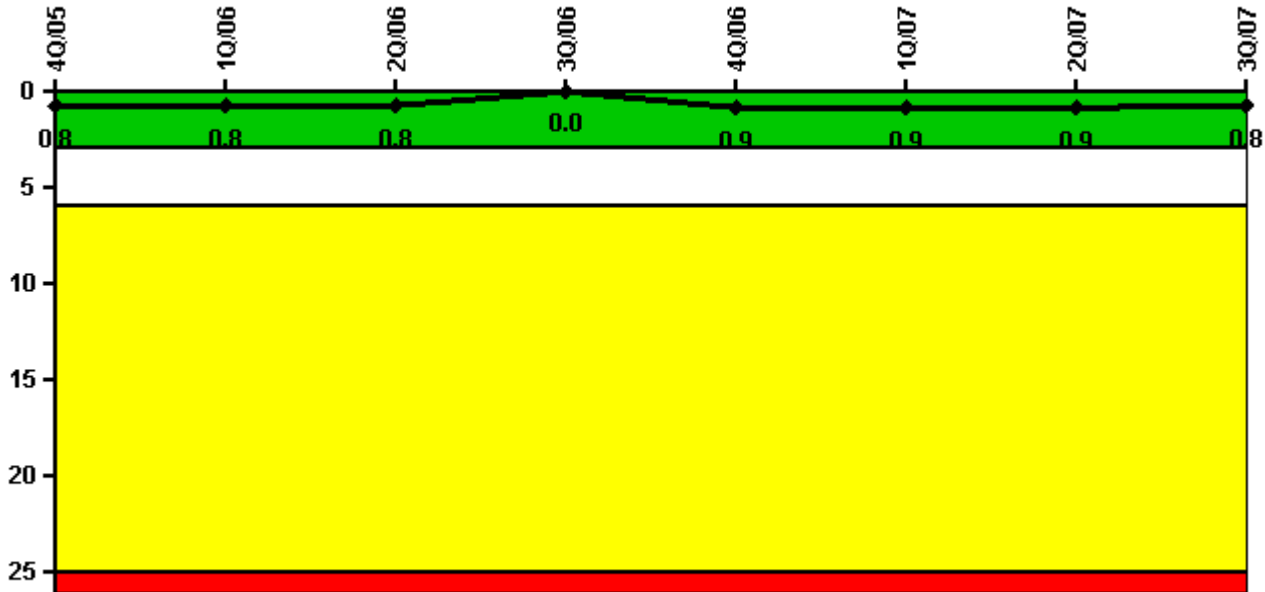
Last Modified: August 6, 2007

Peach Bottom 2

3Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



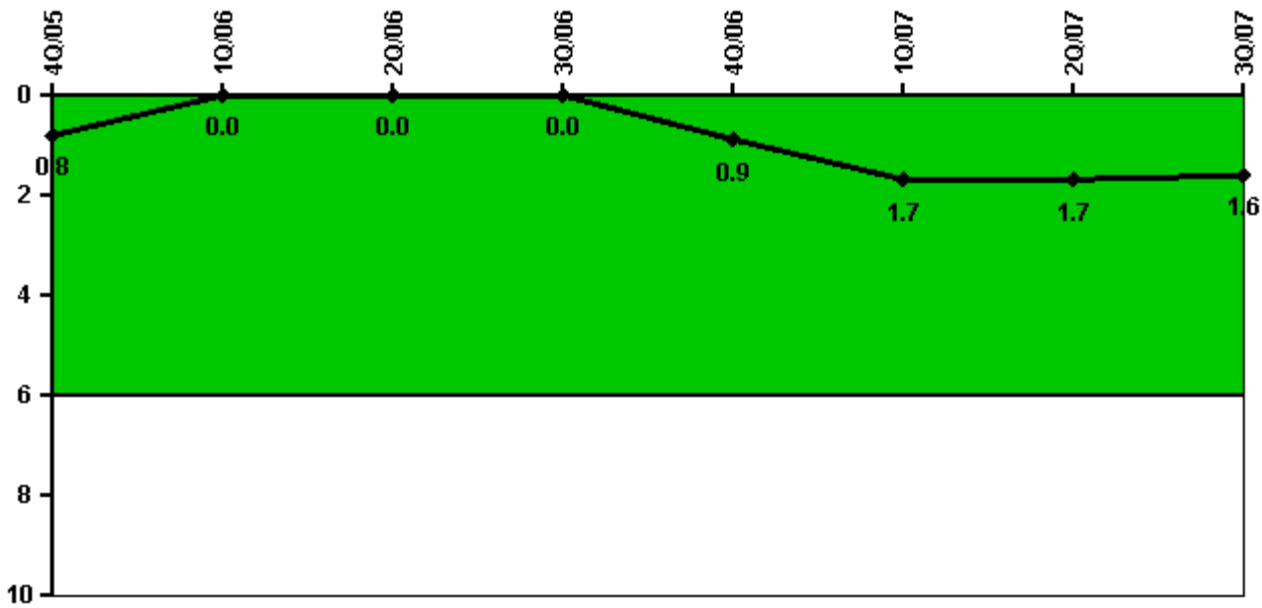
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2160.0 | 2183.0 | 1840.4 | 2024.2 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0.8 | 0.8 | 0.8 | 0 | 0.9 | 0.9 | 0.9 | 0.8 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



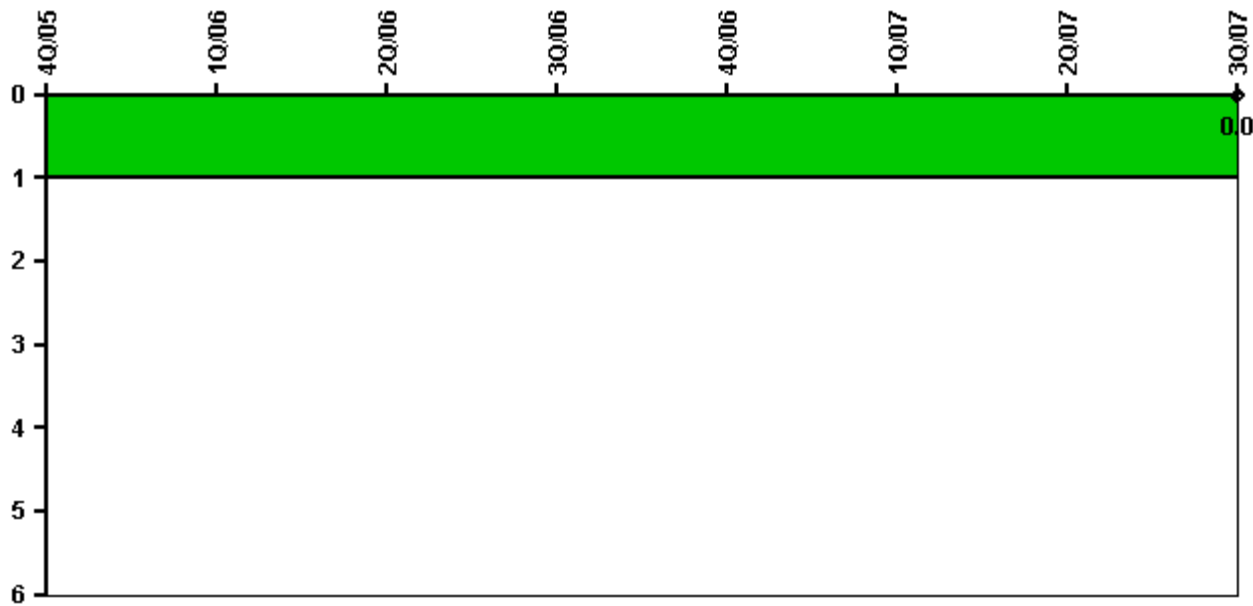
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---|------------|----------|----------|----------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 |
| Critical hours | 2209.0 | 2160.0 | 2183.0 | 1840.4 | 2024.2 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0.8 | 0 | 0 | 0 | 0.9 | 1.7 | 1.7 | 1.6 |

Licensee Comments: none

Unplanned Scrams with Complications



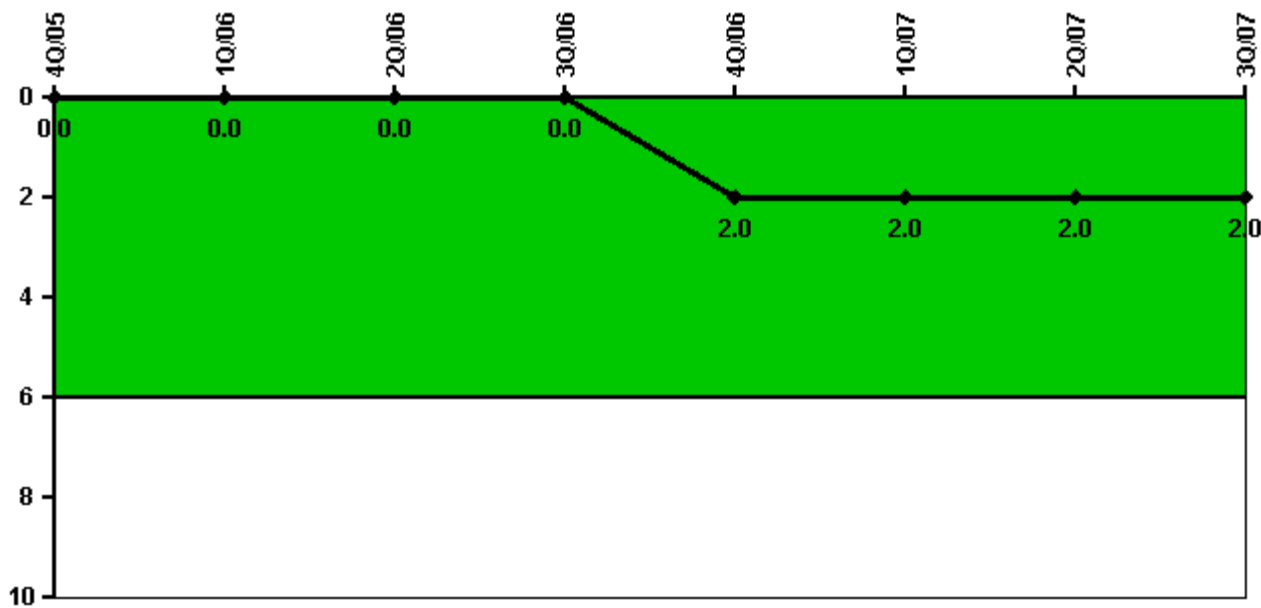
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|------------|
| Scrams with complications | | | | | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | | | | | | | | 0.0 |

Licensee Comments: none

Safety System Functional Failures (BWR)



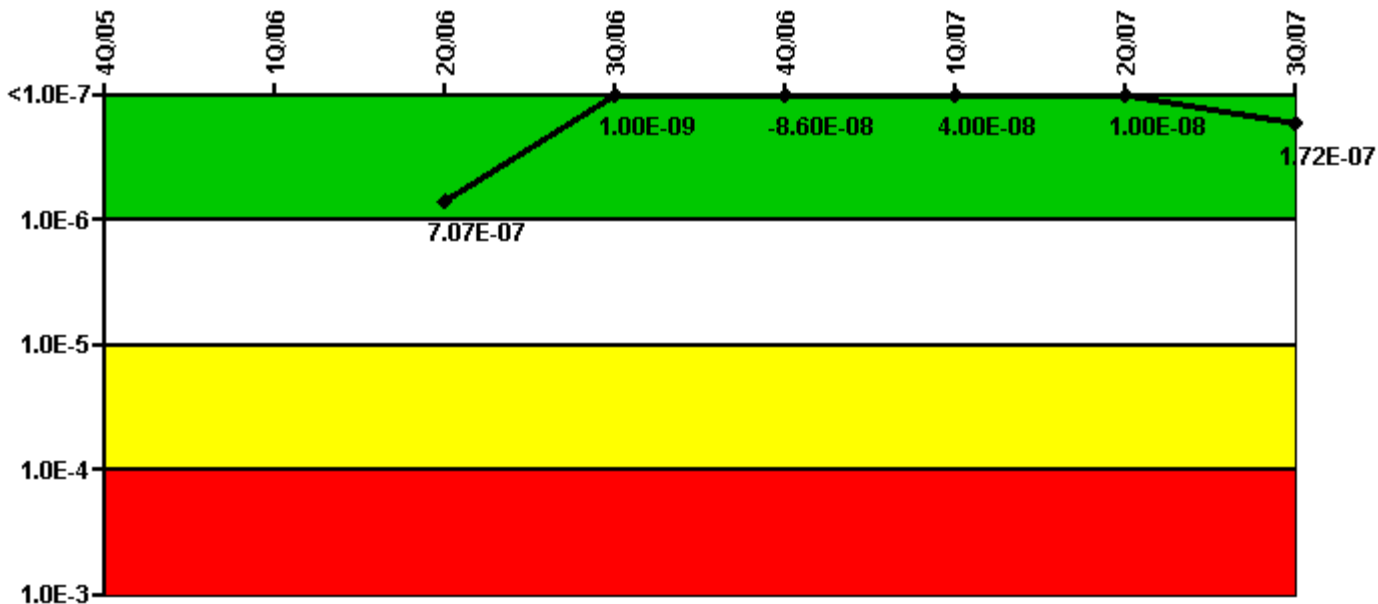
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



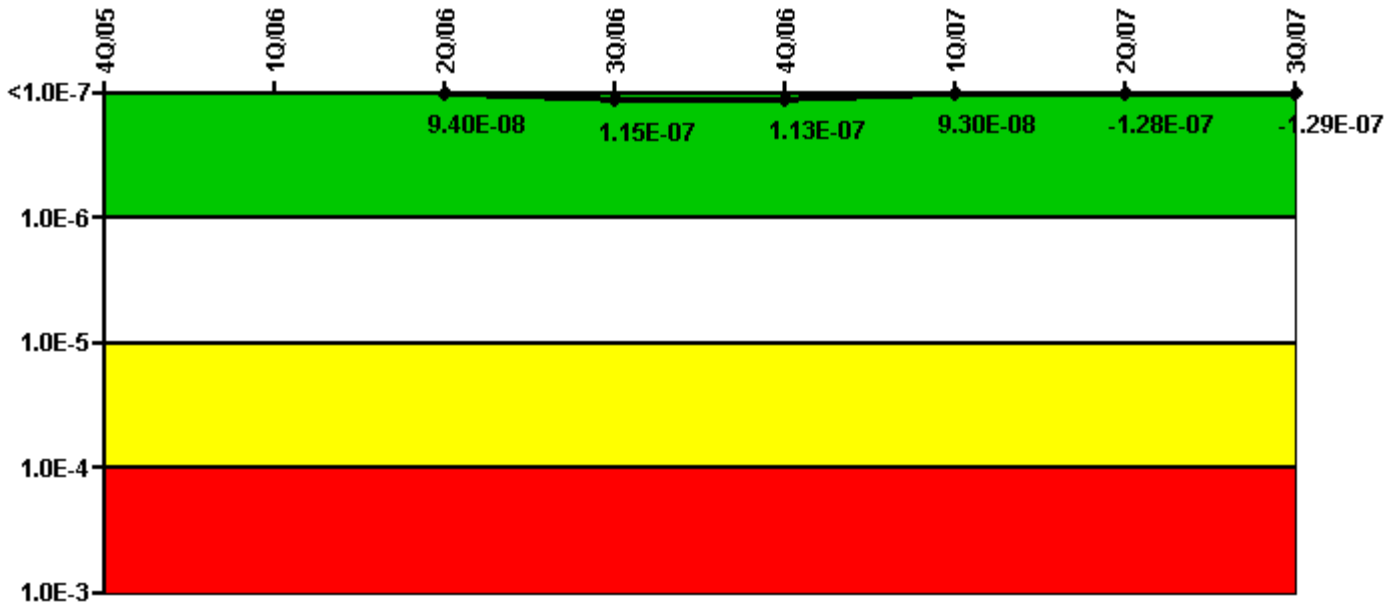
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---|-------|-------|------------|-------------|-------------|-------------|-------------|------------|
| UAI (Δ CDF) | | | $8.70E-08$ | $7.90E-08$ | $9.40E-08$ | $2.10E-07$ | $1.30E-07$ | $1.00E-07$ |
| URI (Δ CDF) | | | $6.20E-07$ | $-7.80E-08$ | $-1.80E-07$ | $-1.70E-07$ | $-1.20E-07$ | $7.20E-08$ |
| PLE | | | NO | NO | NO | NO | NO | NO |
| Indicator value | | | $7.07E-07$ | $1.00E-09$ | $-8.60E-08$ | $4.00E-08$ | $1.00E-08$ | $1.72E-07$ |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



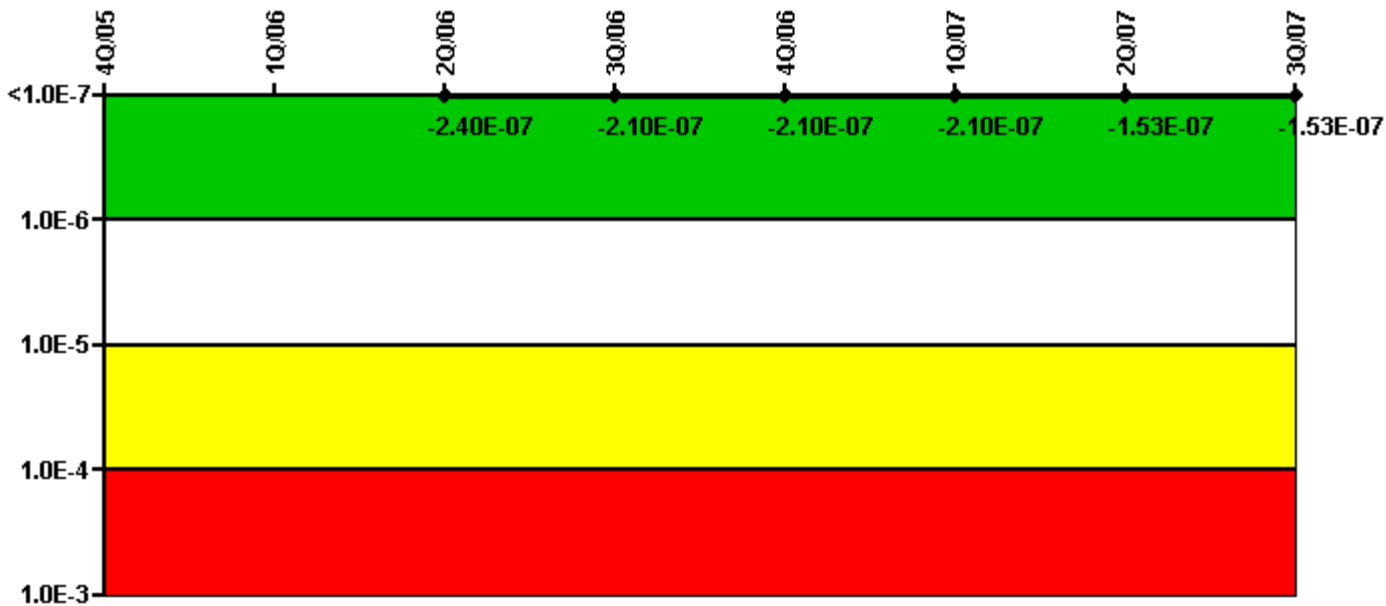
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|--|-------|-------|----------|----------|----------|----------|-----------|-----------|
| UAI (Δ CDF) | | | 5.80E-08 | 5.80E-08 | 5.90E-08 | 3.90E-08 | -3.80E-08 | -3.90E-08 |
| URI (Δ CDF) | | | 3.60E-08 | 5.70E-08 | 5.40E-08 | 5.40E-08 | -9.00E-08 | -9.00E-08 |
| PLE | | | NO | NO | NO | NO | NO | NO |
| Indicator value | | | 9.40E-08 | 1.15E-07 | 1.13E-07 | 9.30E-08 | -1.28E-07 | -1.29E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



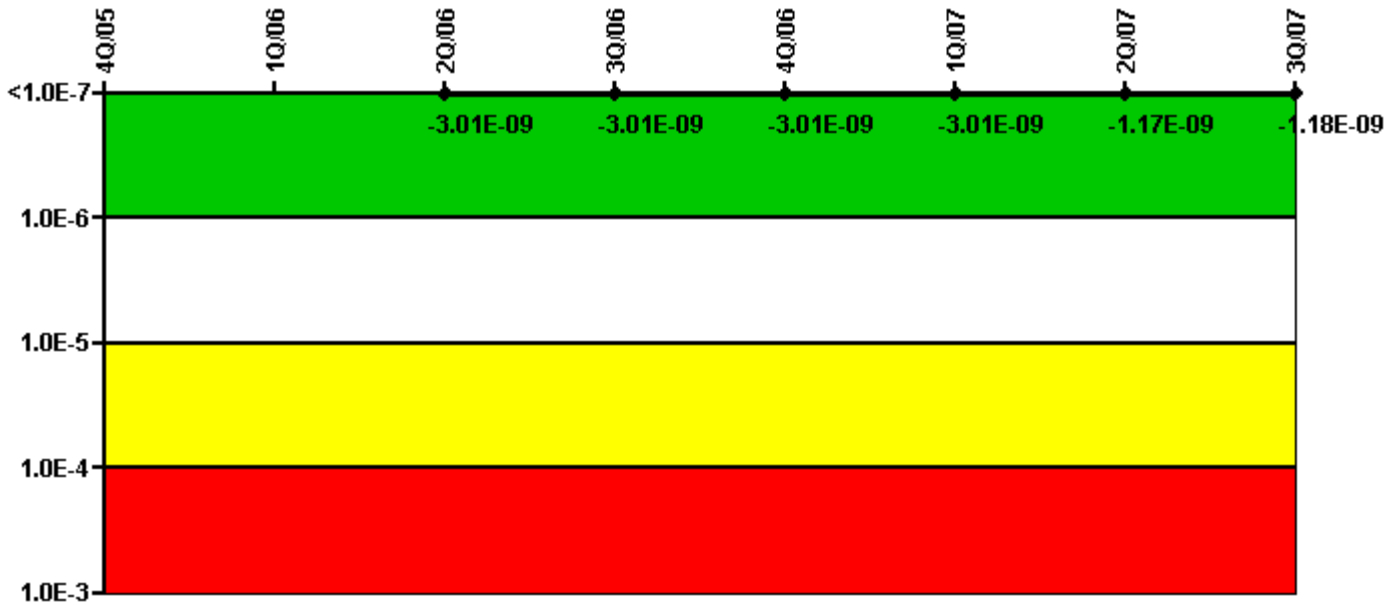
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---|-------|-------|-------------|-------------|-------------|-------------|-------------|-------------|
| UAI (Δ CDF) | | | $-6.00E-08$ | $-6.00E-08$ | $-6.00E-08$ | $-6.00E-08$ | $-4.30E-08$ | $-4.30E-08$ |
| URI (Δ CDF) | | | $-1.80E-07$ | $-1.50E-07$ | $-1.50E-07$ | $-1.50E-07$ | $-1.10E-07$ | $-1.10E-07$ |
| PLE | | | NO | NO | NO | NO | NO | NO |
| Indicator value | | | $-2.40E-07$ | $-2.10E-07$ | $-2.10E-07$ | $-2.10E-07$ | $-1.53E-07$ | $-1.53E-07$ |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



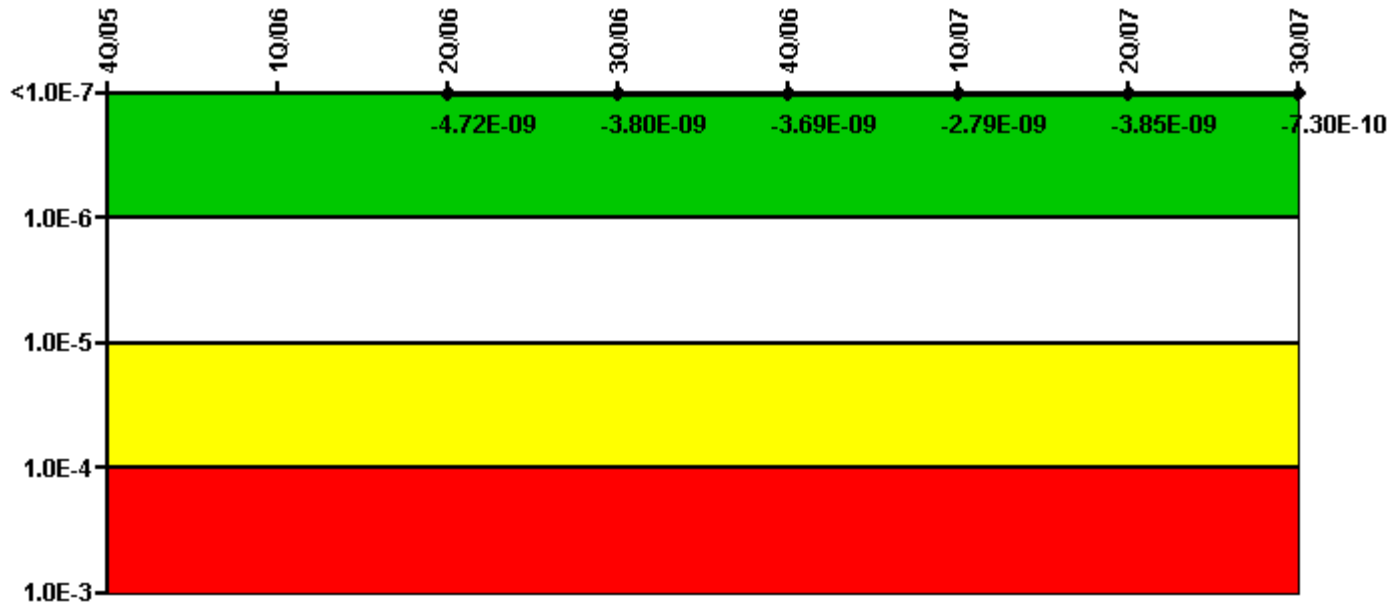
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|--|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | | -8.10E-10 | -8.10E-10 | -8.10E-10 | -8.10E-10 | -2.00E-10 | -2.10E-10 |
| URI (Δ CDF) | | | -2.20E-09 | -2.20E-09 | -2.20E-09 | -2.20E-09 | -9.70E-10 | -9.70E-10 |
| PLE | | | NO | NO | NO | NO | NO | NO |
| Indicator value | | | -3.01E-09 | -3.01E-09 | -3.01E-09 | -3.01E-09 | -1.17E-09 | -1.18E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



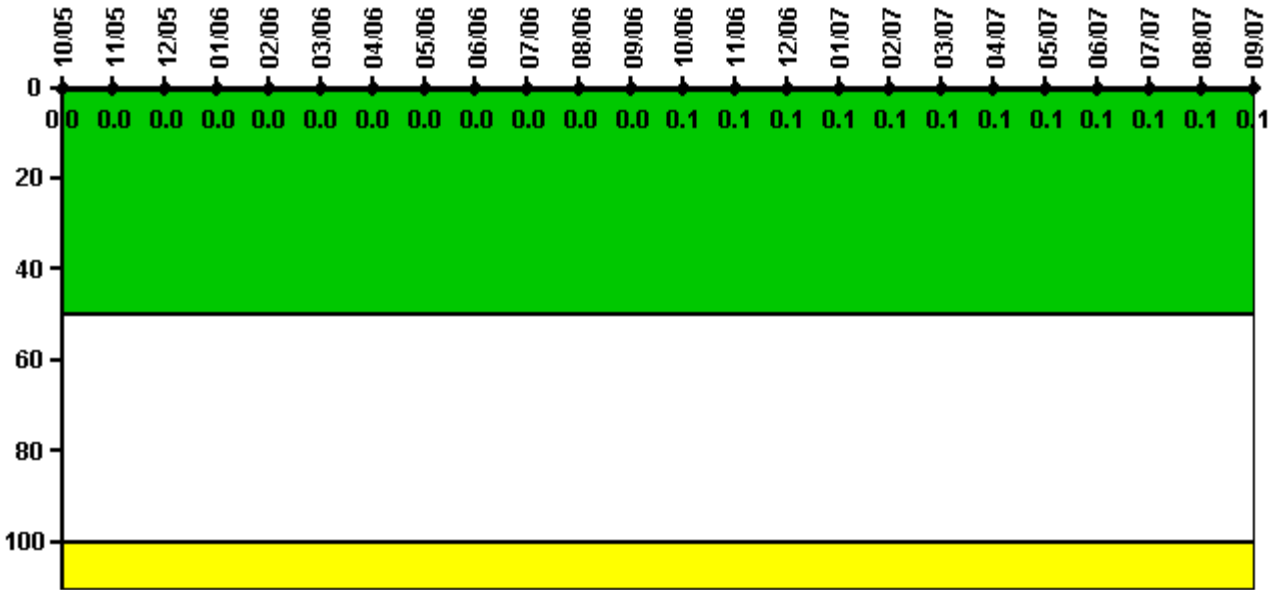
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---|-------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | | 5.80E-10 | -3.00E-10 | -9.30E-11 | 8.10E-10 | -1.50E-10 | -1.60E-10 |
| URI (Δ CDF) | | | -5.30E-09 | -3.50E-09 | -3.60E-09 | -3.60E-09 | -3.70E-09 | -5.70E-10 |
| PLE | | | NO | NO | NO | NO | NO | NO |
| Indicator value | | | -4.72E-09 | -3.80E-09 | -3.69E-09 | -2.79E-09 | -3.85E-09 | -7.30E-10 |

Licensee Comments: none

Reactor Coolant System Activity



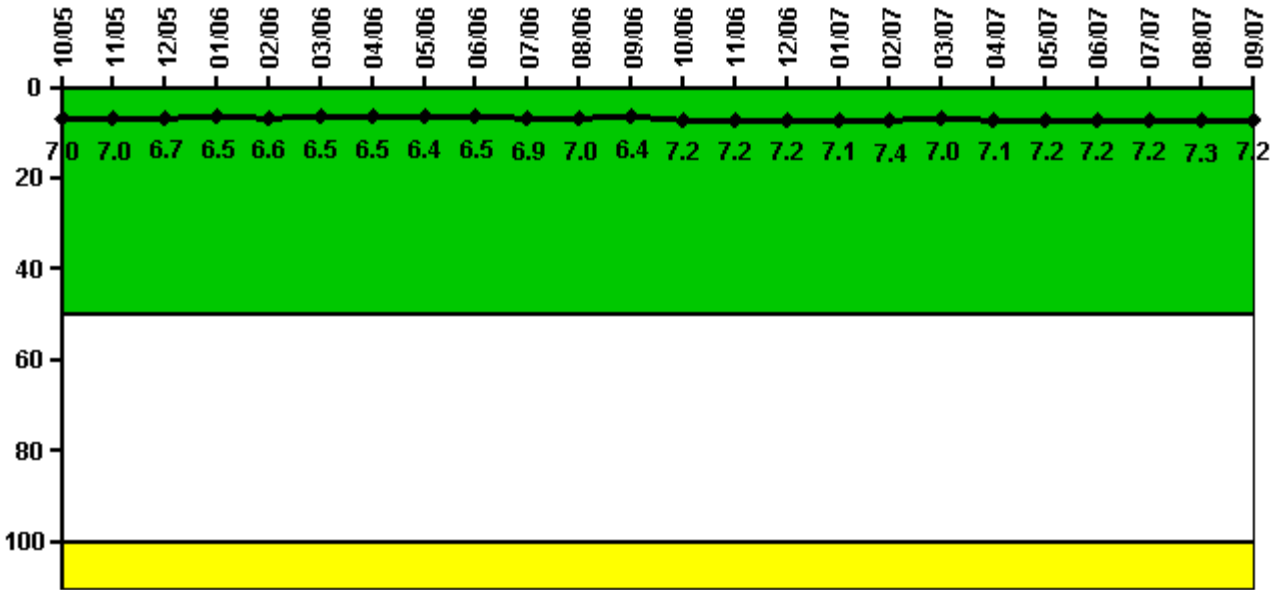
Thresholds: White > 50.0 Yellow > 100.0

Notes

| 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 | 0.000046 | 0.000031 | 0.000025 | 0.000073 | 0.000044 | 0.000041 | 0.000088 | 0.000060 | 0.000061 | 0.000049 | 0.000038 | 0.000051 |
| 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 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 |
| Maximum activity | 0.000192 | 0.000204 | 0.000198 | 0.000143 | 0.000122 | 0.000125 | 0.000131 | 0.000145 | 0.000146 | 0.000187 | 0.000142 | 0.000122 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

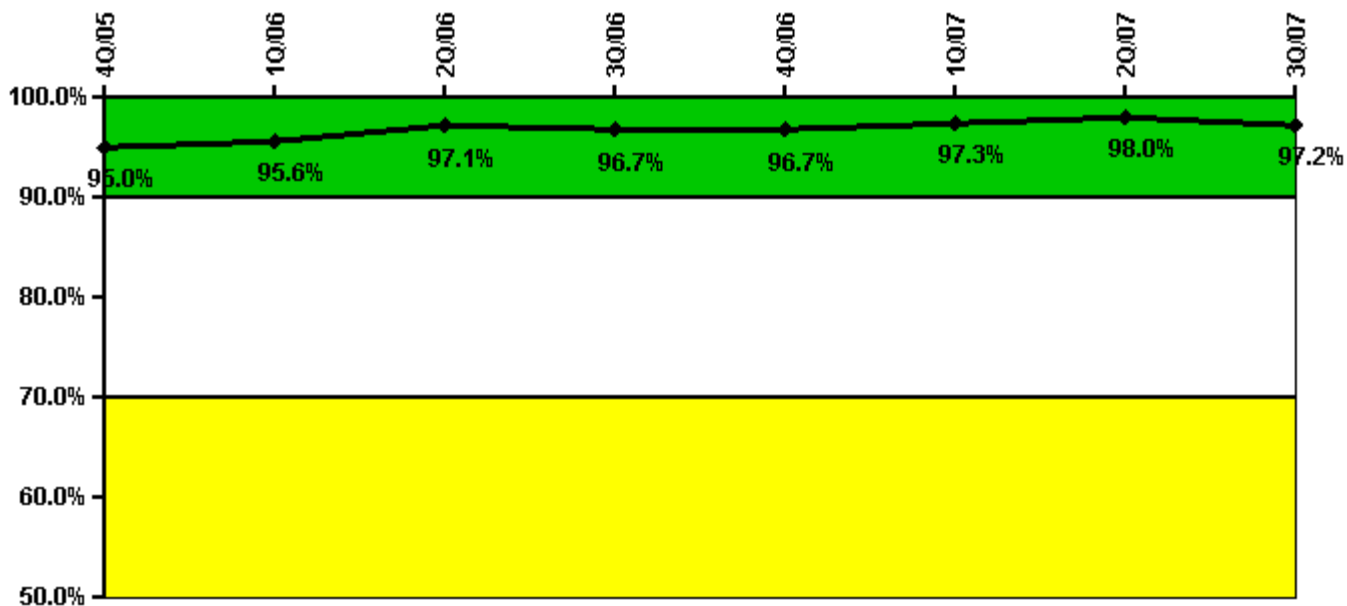
Notes

| 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 | 1.740 | 1.750 | 1.670 | 1.620 | 1.650 | 1.620 | 1.620 | 1.600 | 1.620 | 1.730 | 1.740 | 1.590 |
| 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 | 7.0 | 7.0 | 6.7 | 6.5 | 6.6 | 6.5 | 6.5 | 6.4 | 6.5 | 6.9 | 7.0 | 6.4 |

| Reactor Coolant System Leakage | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.810 | 1.790 | 1.790 | 1.780 | 1.840 | 1.750 | 1.780 | 1.790 | 1.800 | 1.790 | 1.820 | 1.800 |
| 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 | 7.2 | 7.2 | 7.2 | 7.1 | 7.4 | 7.0 | 7.1 | 7.2 | 7.2 | 7.2 | 7.3 | 7.2 |

Licensee Comments: none

Drill/Exercise Performance



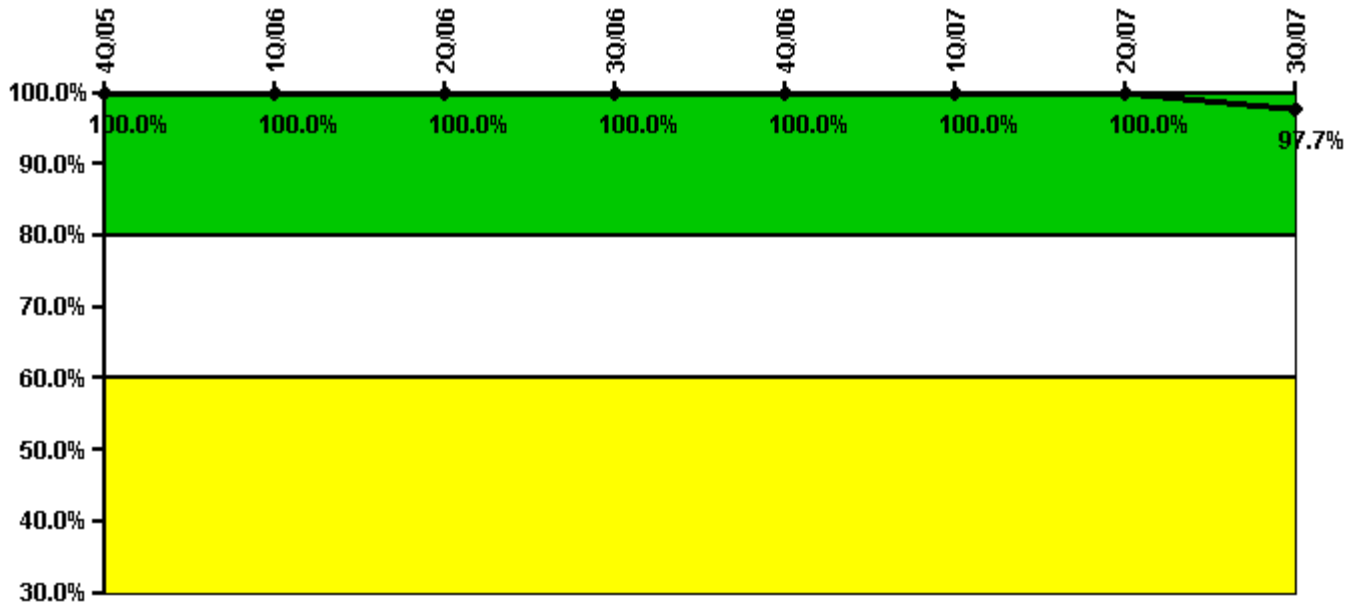
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 20.0 | 109.0 | 58.0 | 27.0 | 24.0 | 145.0 | 28.0 | 34.0 |
| Total opportunities | 21.0 | 111.0 | 58.0 | 28.0 | 24.0 | 148.0 | 30.0 | 38.0 |
| | | | | | | | | |
| Indicator value | 95.0% | 95.6% | 97.1% | 96.7% | 96.7% | 97.3% | 98.0% | 97.2% |

Licensee Comments: none

ERO Drill Participation



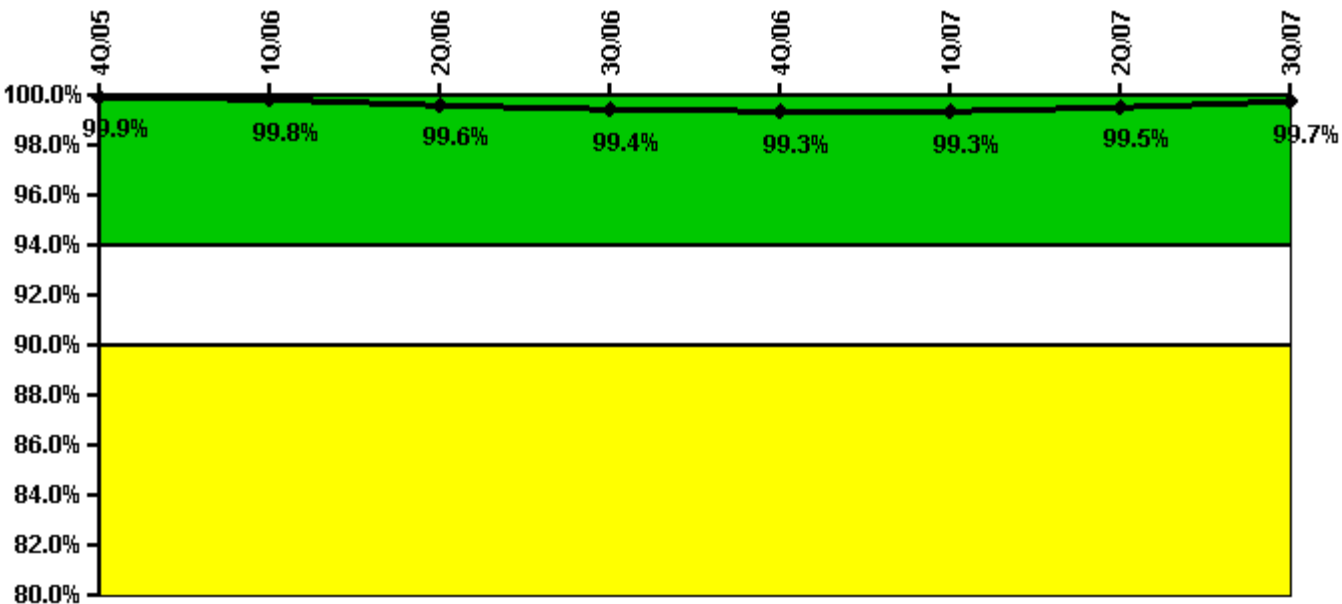
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Participating Key personnel | 76.0 | 76.0 | 75.0 | 81.0 | 82.0 | 84.0 | 79.0 | 84.0 |
| Total Key personnel | 76.0 | 76.0 | 75.0 | 81.0 | 82.0 | 84.0 | 79.0 | 86.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 97.7% |

Licensee Comments: none

Alert & Notification System



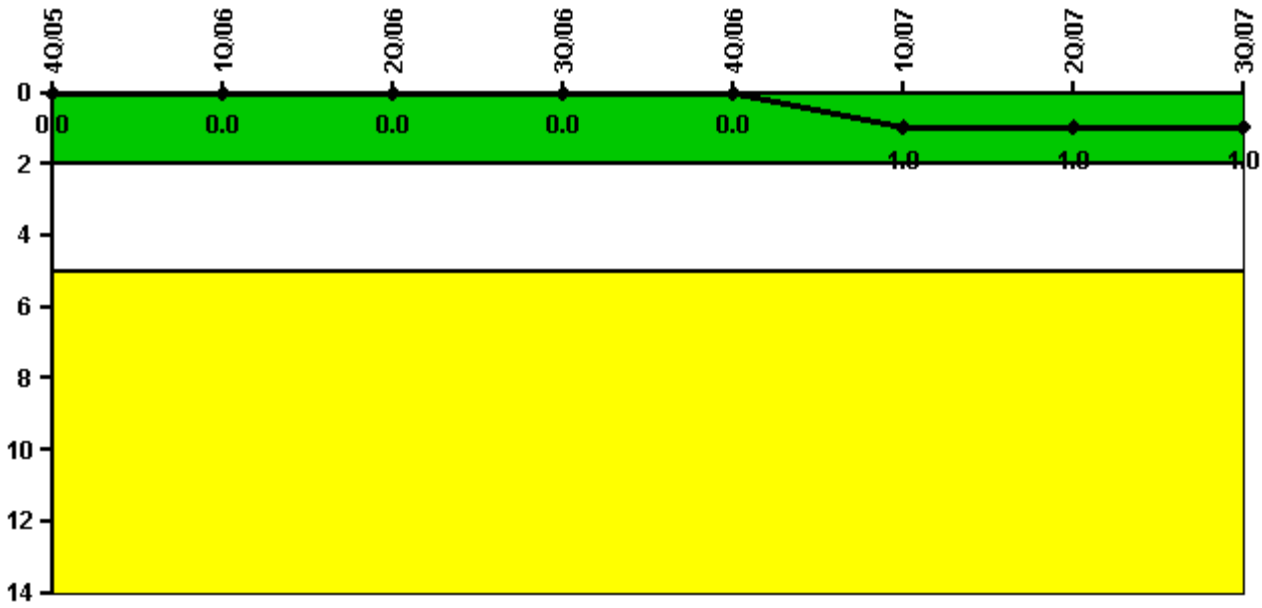
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1261 | 1258 | 1247 | 1249 | 1257 | 1256 | 1258 | 1258 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.9% | 99.8% | 99.6% | 99.4% | 99.3% | 99.3% | 99.5% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



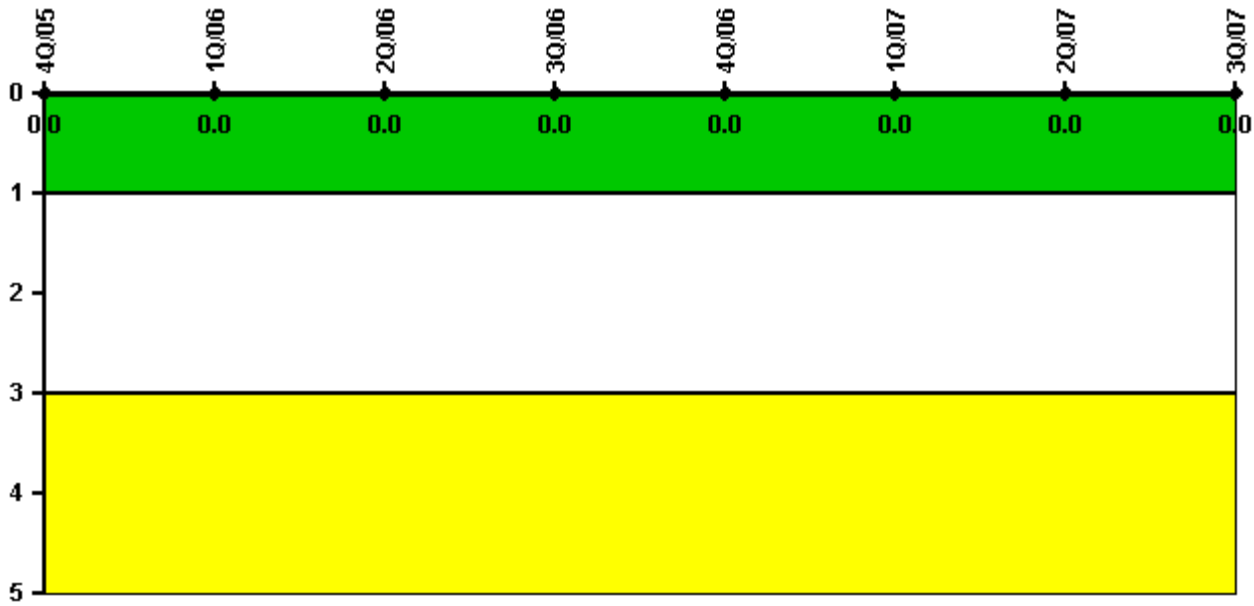
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 4Q/05 | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

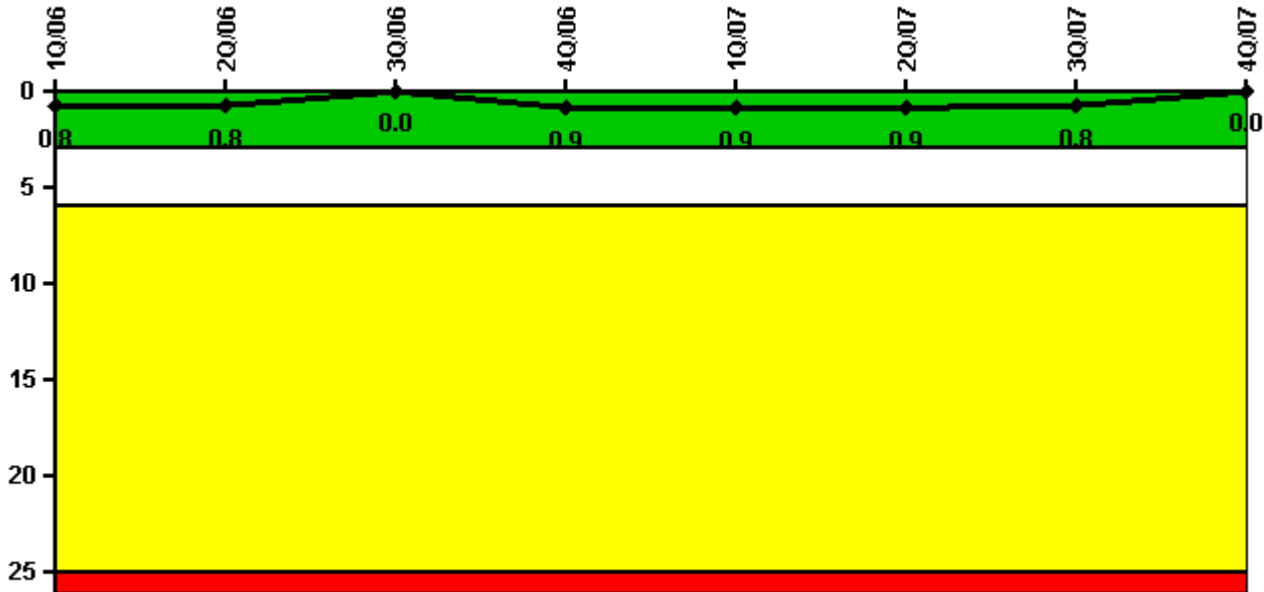
[Physical Protection](#) information not publicly available.

Peach Bottom 2

4Q/2007 Performance Indicators

Licensee's General Comments: Error in data reporting. Does not affect color of the indicator.

Unplanned Scrams per 7000 Critical Hrs



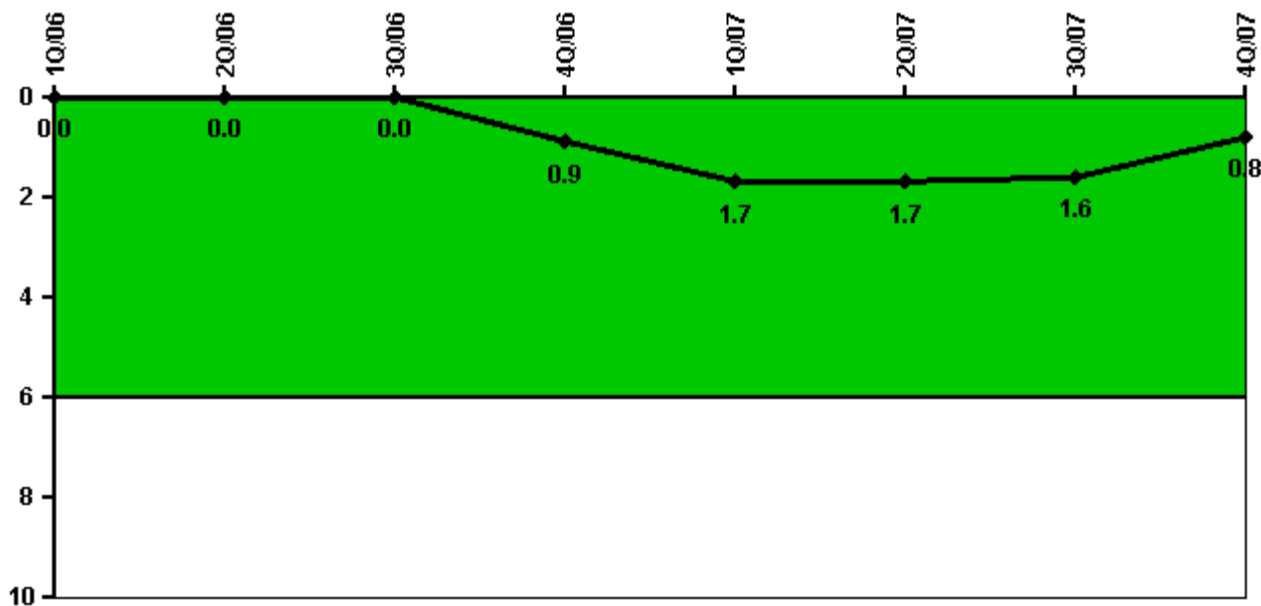
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|--|------------|------------|----------|------------|------------|------------|------------|----------|
| Unplanned scrams | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 |
| Critical hours | 2160.0 | 2183.0 | 1840.4 | 2024.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value | 0.8 | 0.8 | 0 | 0.9 | 0.9 | 0.9 | 0.8 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



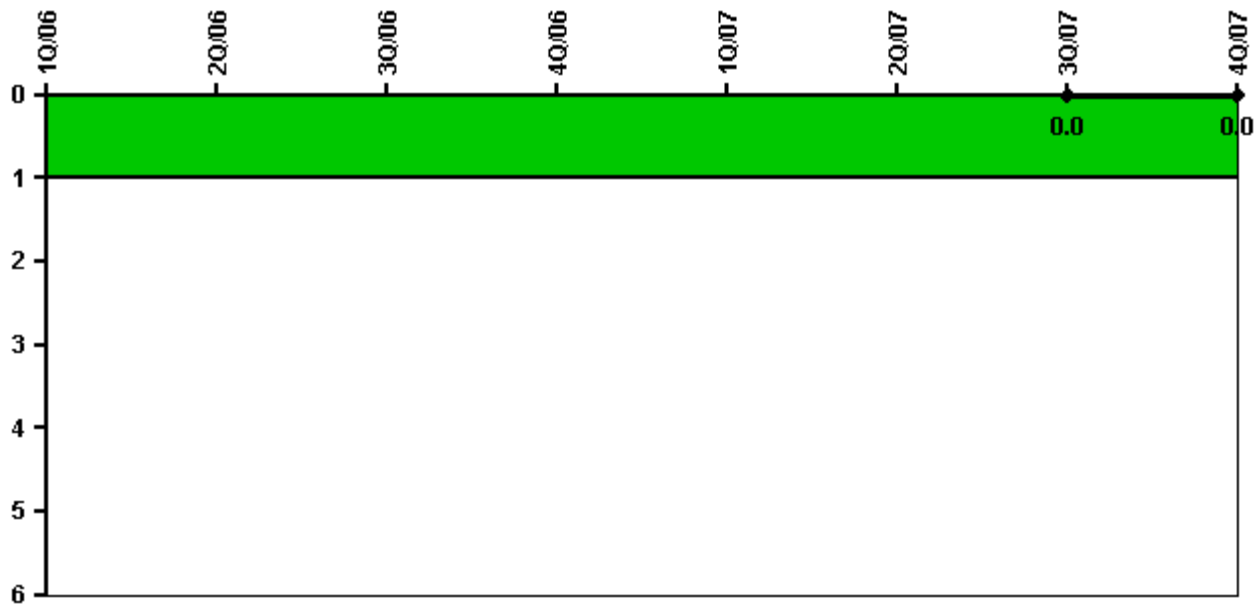
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---|----------|----------|----------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2160.0 | 2183.0 | 1840.4 | 2024.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value | 0 | 0 | 0 | 0.9 | 1.7 | 1.7 | 1.6 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



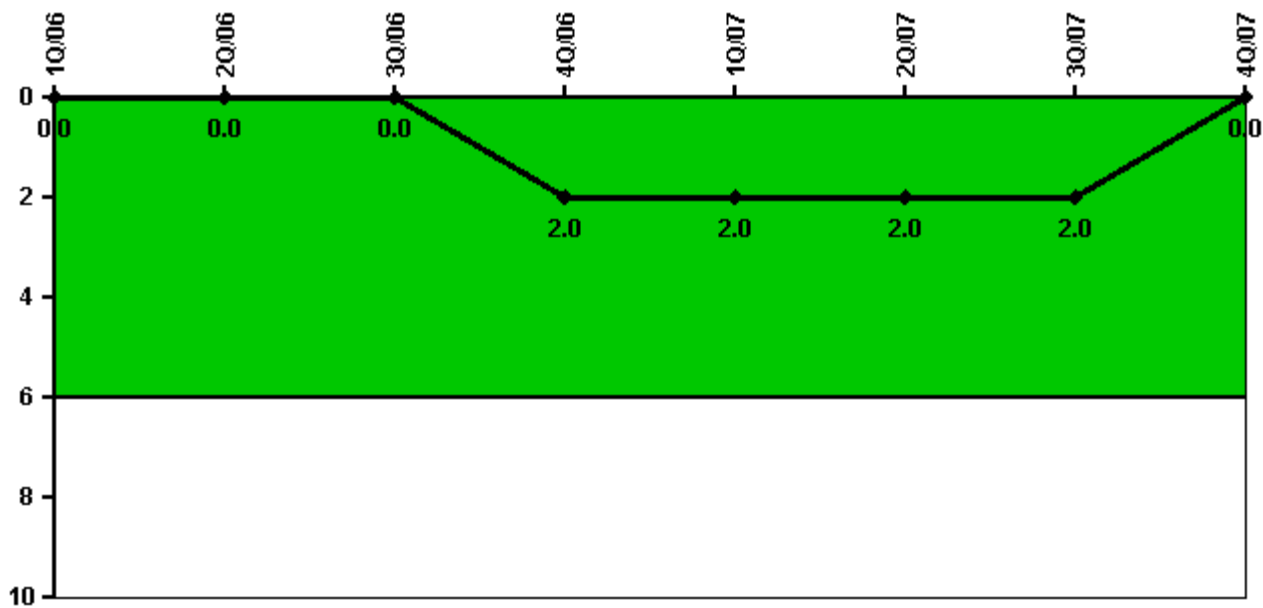
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|------------|------------|
| Scrams with complications | | | | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| Indicator value | | | | | | | 0.0 | 0.0 |

Licensee Comments: none

Safety System Functional Failures (BWR)



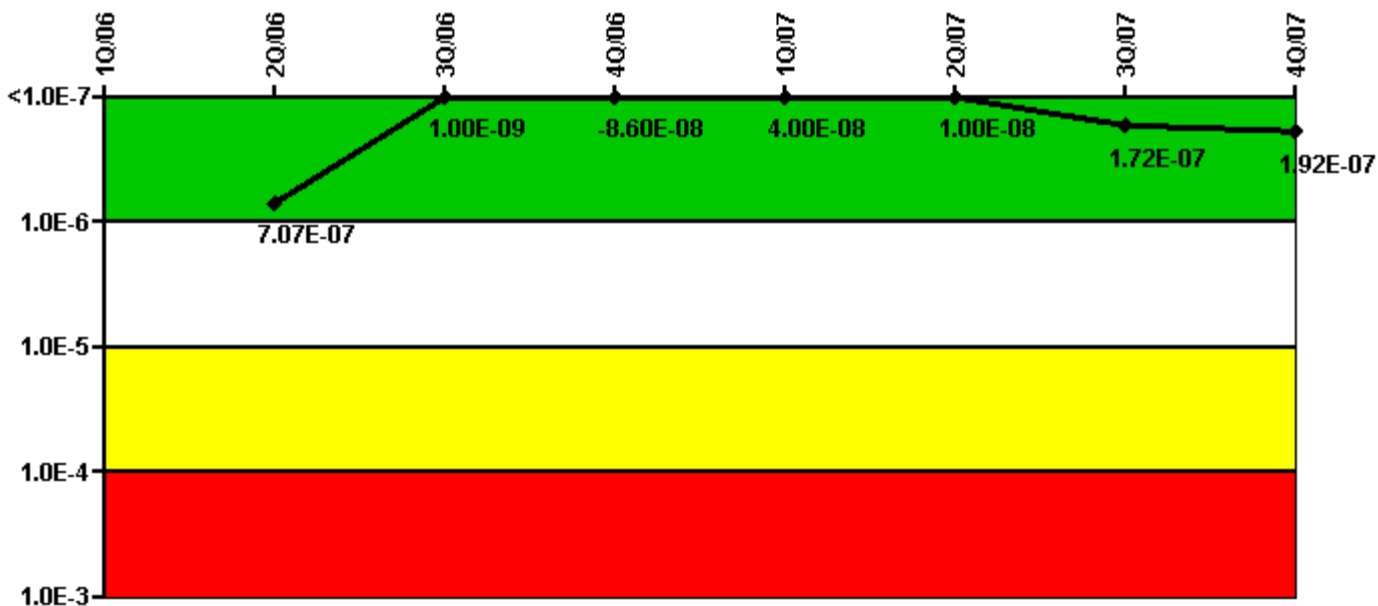
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 0 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



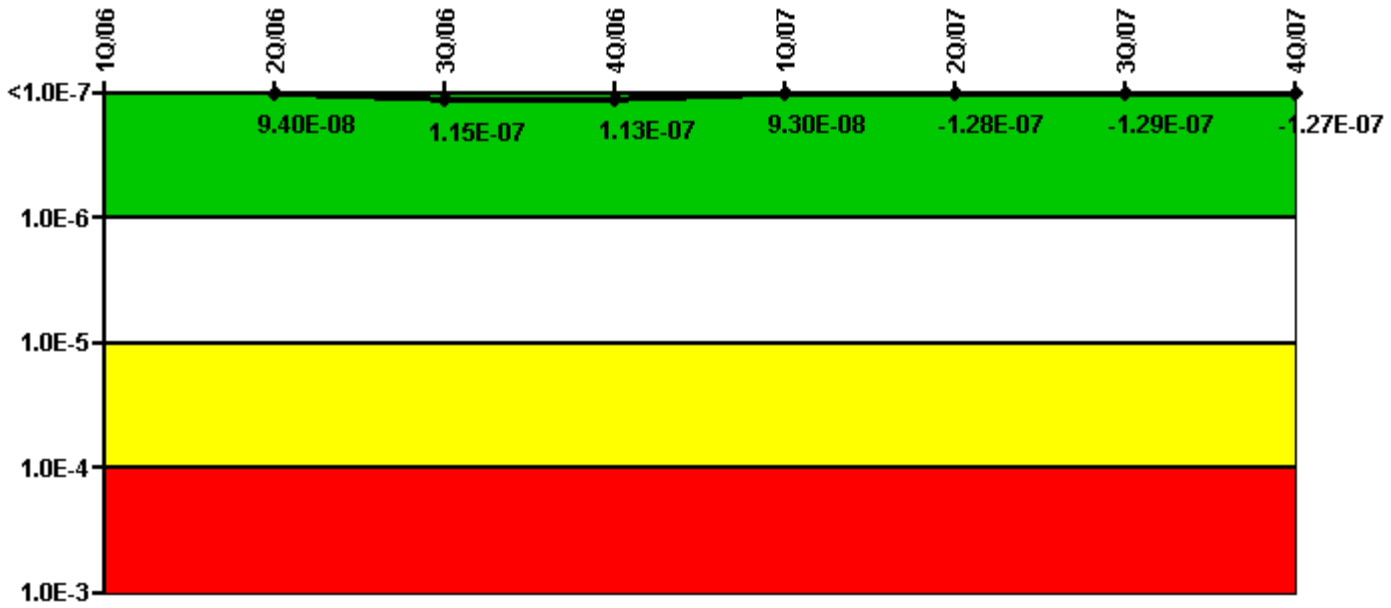
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---|-------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|
| UAI (ΔCDF) | | 8.70E-08 | 7.90E-08 | 9.40E-08 | 2.10E-07 | 1.30E-07 | 1.00E-07 | 1.00E-07 |
| URI (ΔCDF) | | 6.20E-07 | -7.80E-08 | -1.80E-07 | -1.70E-07 | -1.20E-07 | 7.20E-08 | 9.20E-08 |
| PLE | | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | | 7.07E-07 | 1.00E-09 | -8.60E-08 | 4.00E-08 | 1.00E-08 | 1.72E-07 | 1.92E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



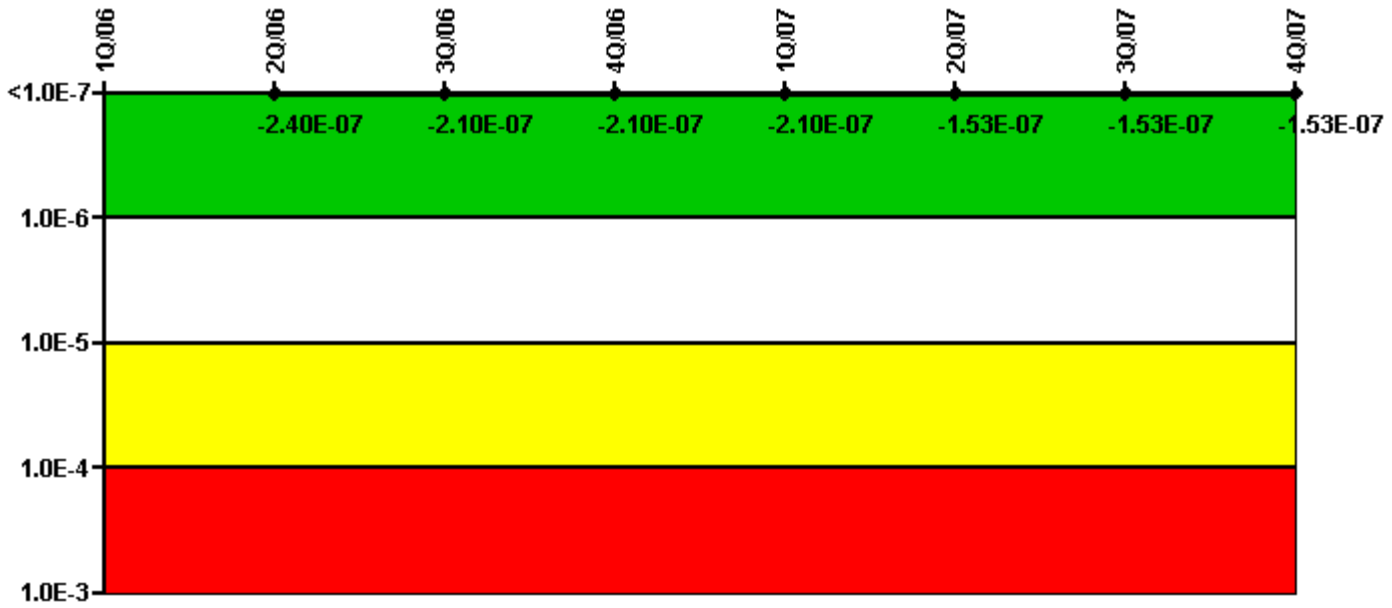
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|--|-------|----------|----------|----------|----------|-----------|-----------|-----------|
| UAI (Δ CDF) | | 5.80E-08 | 5.80E-08 | 5.90E-08 | 3.90E-08 | -3.80E-08 | -3.90E-08 | -3.90E-08 |
| URI (Δ CDF) | | 3.60E-08 | 5.70E-08 | 5.40E-08 | 5.40E-08 | -9.00E-08 | -9.00E-08 | -8.80E-08 |
| PLE | | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | | 9.40E-08 | 1.15E-07 | 1.13E-07 | 9.30E-08 | -1.28E-07 | -1.29E-07 | -1.27E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



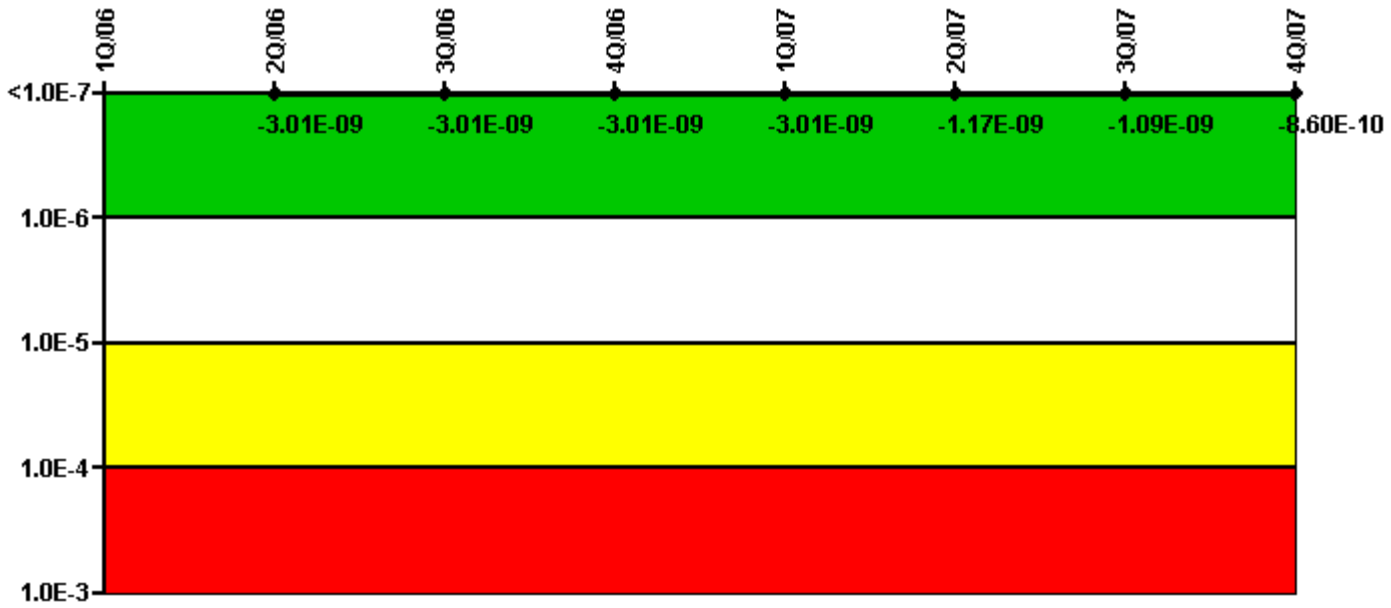
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| UAI (Δ CDF) | | $-6.00E-08$ | $-6.00E-08$ | $-6.00E-08$ | $-6.00E-08$ | $-4.30E-08$ | $-4.30E-08$ | $-4.30E-08$ |
| URI (Δ CDF) | | $-1.80E-07$ | $-1.50E-07$ | $-1.50E-07$ | $-1.50E-07$ | $-1.10E-07$ | $-1.10E-07$ | $-1.10E-07$ |
| PLE | | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | | $-2.40E-07$ | $-2.10E-07$ | $-2.10E-07$ | $-2.10E-07$ | $-1.53E-07$ | $-1.53E-07$ | $-1.53E-07$ |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



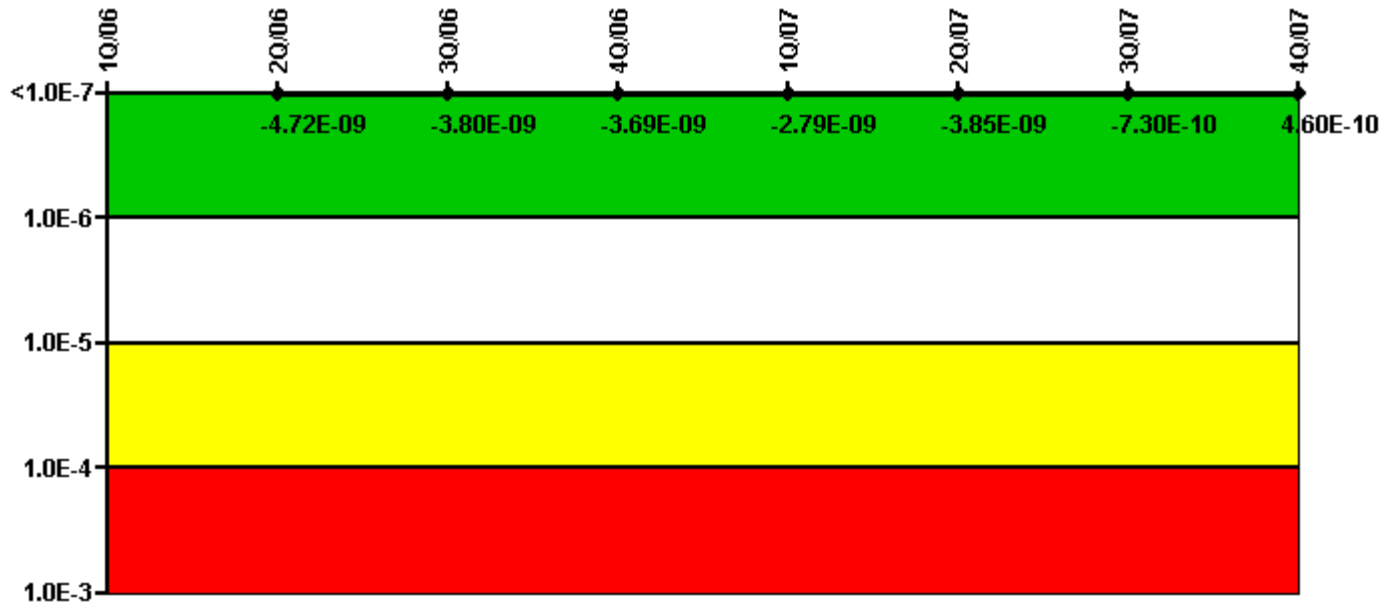
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|--|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| UAI (Δ CDF) | | $-8.10E-10$ | $-8.10E-10$ | $-8.10E-10$ | $-8.10E-10$ | $-2.00E-10$ | $-1.20E-10$ | $1.00E-10$ |
| URI (Δ CDF) | | $-2.20E-09$ | $-2.20E-09$ | $-2.20E-09$ | $-2.20E-09$ | $-9.70E-10$ | $-9.70E-10$ | $-9.60E-10$ |
| PLE | | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | | $-3.01E-09$ | $-3.01E-09$ | $-3.01E-09$ | $-3.01E-09$ | $-1.17E-09$ | $-1.09E-09$ | $-8.60E-10$ |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



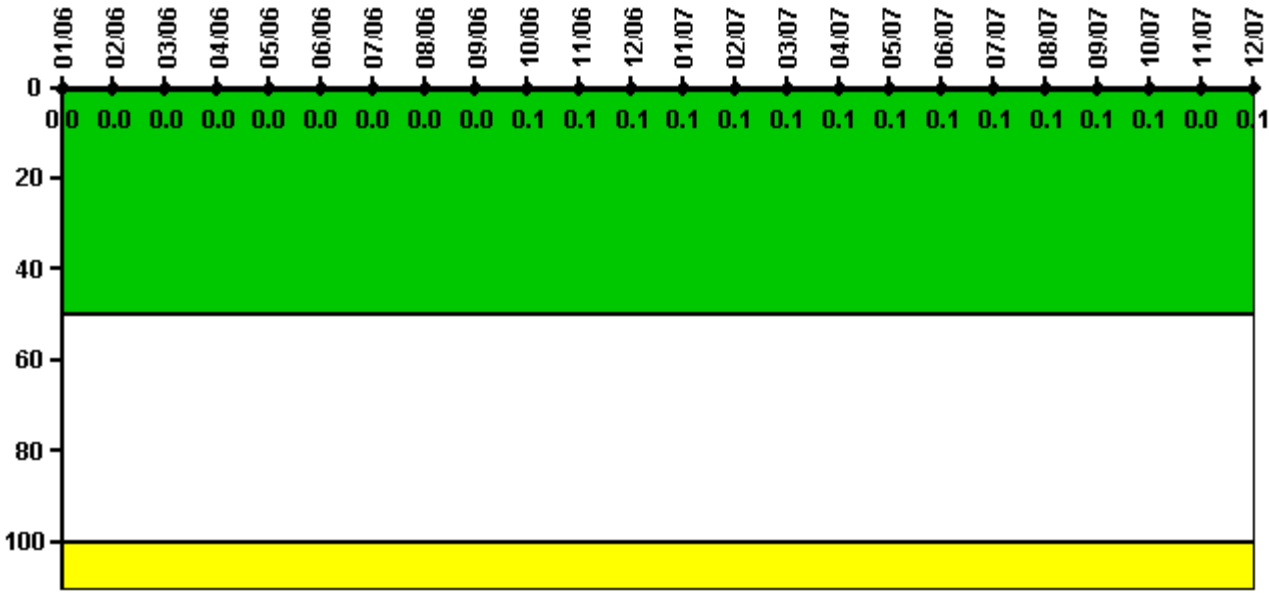
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| UAI (Δ CDF) | | $5.80E-10$ | $-3.00E-10$ | $-9.30E-11$ | $8.10E-10$ | $-1.50E-10$ | $-1.60E-10$ | $9.70E-10$ |
| URI (Δ CDF) | | $-5.30E-09$ | $-3.50E-09$ | $-3.60E-09$ | $-3.60E-09$ | $-3.70E-09$ | $-5.70E-10$ | $-5.10E-10$ |
| PLE | | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | | $-4.72E-09$ | $-3.80E-09$ | $-3.69E-09$ | $-2.79E-09$ | $-3.85E-09$ | $-7.30E-10$ | $4.60E-10$ |

Licensee Comments: none

Reactor Coolant System Activity



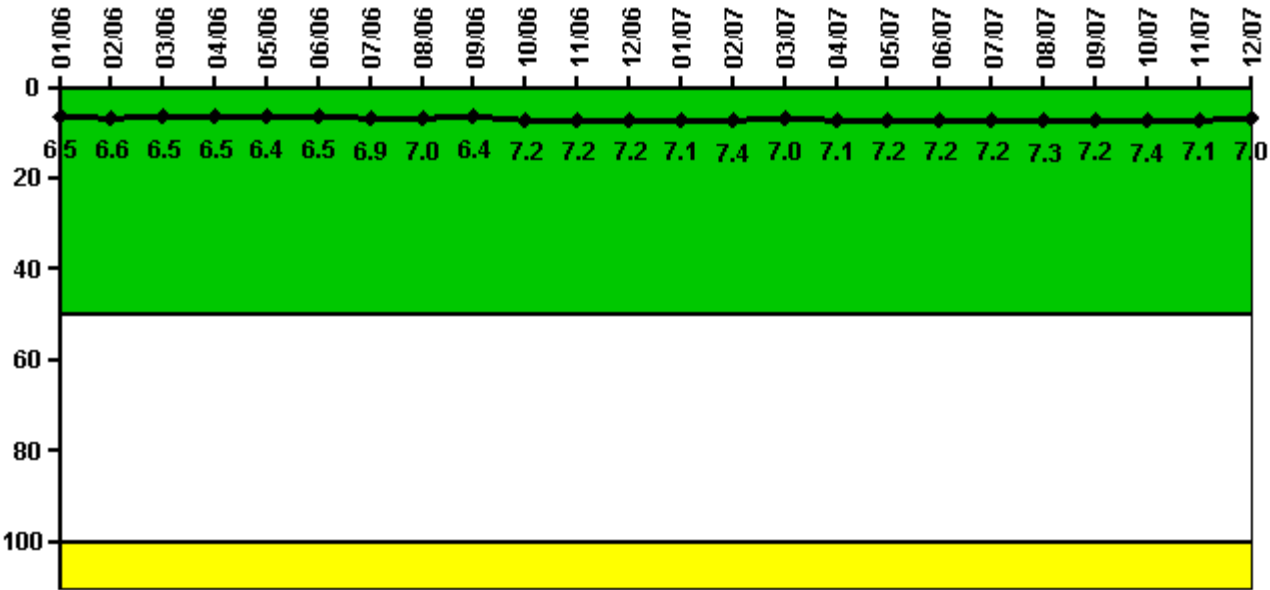
Thresholds: White > 50.0 Yellow > 100.0

Notes

| 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 | 0.000073 | 0.000044 | 0.000041 | 0.000088 | 0.000060 | 0.000061 | 0.000049 | 0.000038 | 0.000051 | 0.000192 | 0.000204 | 0.000198 |
| 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 | 0.1 | 0.1 | 0.1 |
| Reactor Coolant System Activity | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 |
| Maximum activity | 0.000143 | 0.000122 | 0.000125 | 0.000131 | 0.000145 | 0.000146 | 0.000187 | 0.000142 | 0.000122 | 0.000133 | 0.000094 | 0.000155 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.1 |

Licensee Comments: none

Reactor Coolant System Leakage



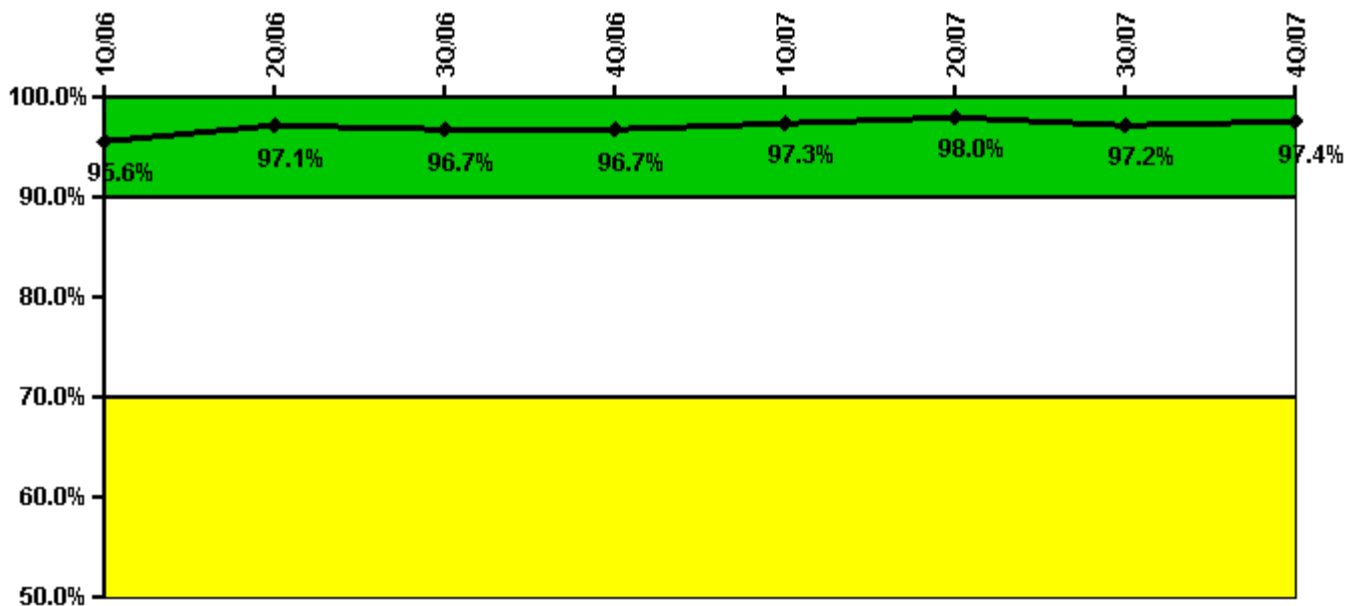
Thresholds: White > 50.0 Yellow > 100.0

Notes

| 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 | 1.620 | 1.650 | 1.620 | 1.620 | 1.600 | 1.620 | 1.730 | 1.740 | 1.590 | 1.810 | 1.790 | 1.790 |
| 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 | 6.5 | 6.6 | 6.5 | 6.5 | 6.4 | 6.5 | 6.9 | 7.0 | 6.4 | 7.2 | 7.2 | 7.2 |
| Reactor Coolant System Leakage | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 |
| Maximum leakage | 1.780 | 1.840 | 1.750 | 1.780 | 1.790 | 1.800 | 1.790 | 1.820 | 1.800 | 1.850 | 1.780 | 1.750 |
| 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 | 7.1 | 7.4 | 7.0 | 7.1 | 7.2 | 7.2 | 7.2 | 7.3 | 7.2 | 7.4 | 7.1 | 7.0 |

Licensee Comments: none

Drill/Exercise Performance



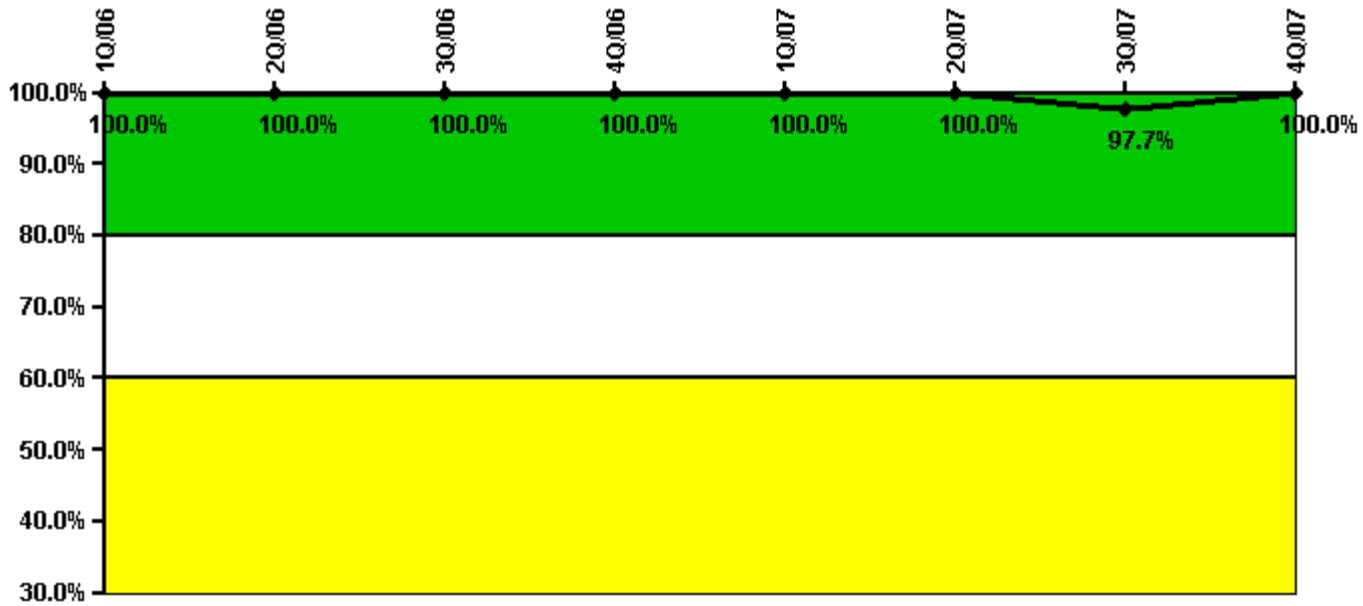
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 109.0 | 58.0 | 27.0 | 24.0 | 145.0 | 28.0 | 34.0 | 24.0 |
| Total opportunities | 111.0 | 58.0 | 28.0 | 24.0 | 148.0 | 30.0 | 38.0 | 24.0 |
| | | | | | | | | |
| Indicator value | 95.6% | 97.1% | 96.7% | 96.7% | 97.3% | 98.0% | 97.2% | 97.4% |

Licensee Comments: none

ERO Drill Participation



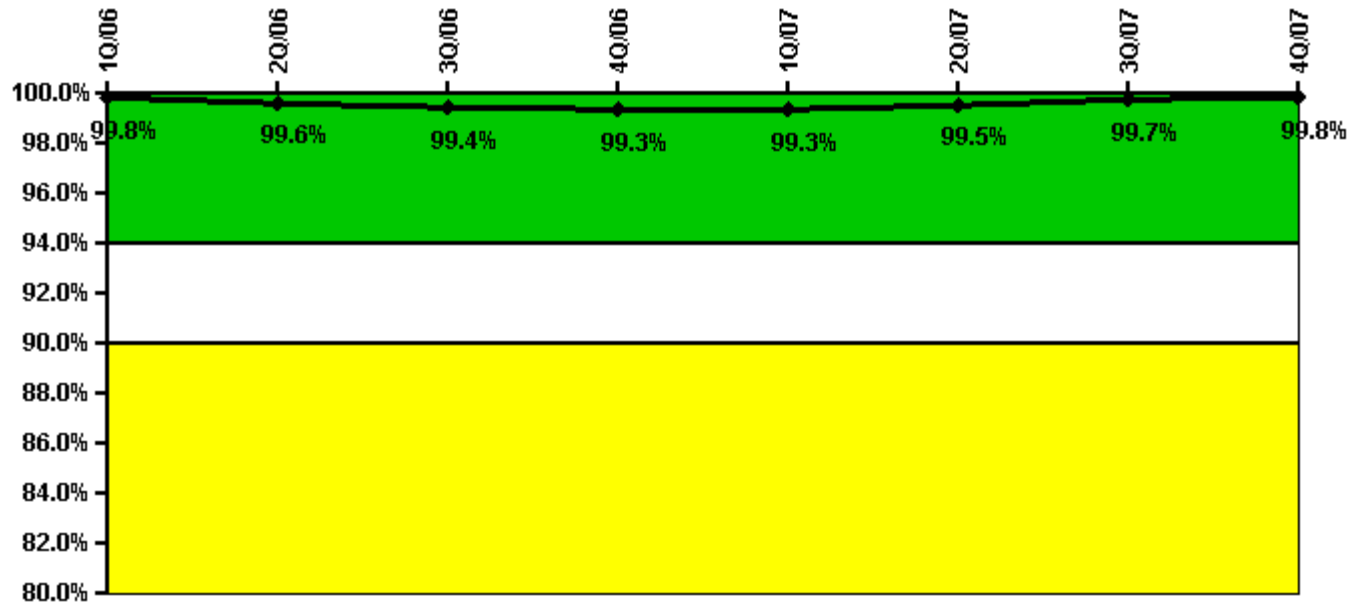
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|
| Participating Key personnel | 76.0 | 75.0 | 81.0 | 82.0 | 84.0 | 79.0 | 84.0 | 85.0 |
| Total Key personnel | 76.0 | 75.0 | 81.0 | 82.0 | 84.0 | 79.0 | 86.0 | 85.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 97.7% | 100.0% |

Licensee Comments: none

Alert & Notification System



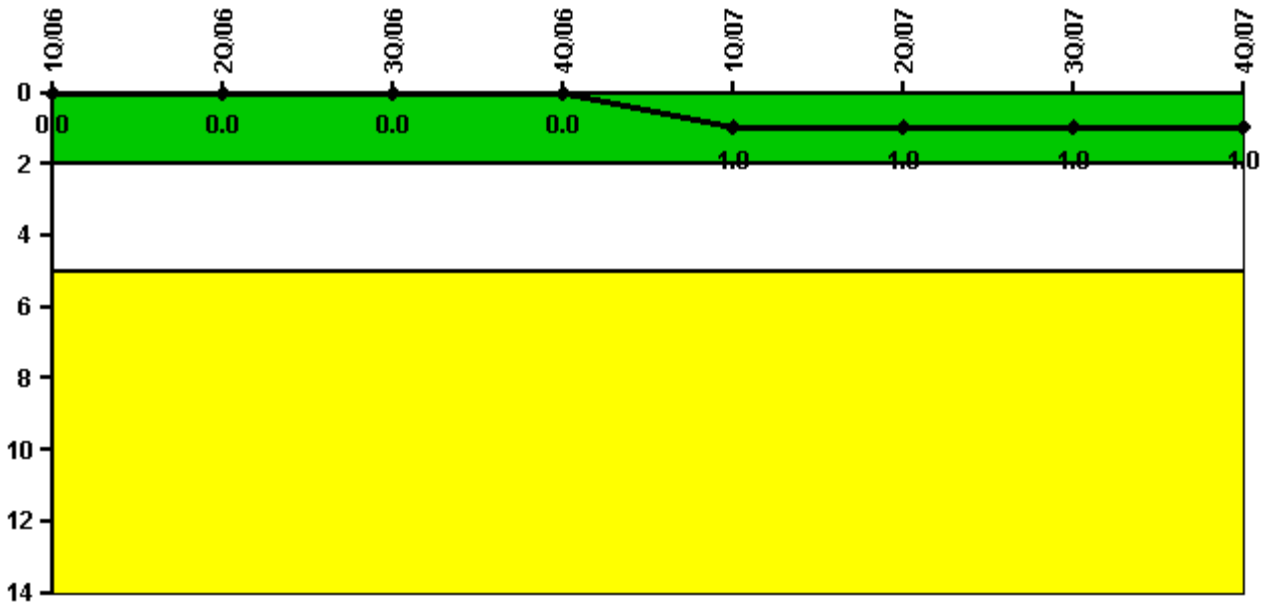
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1258 | 1247 | 1249 | 1257 | 1256 | 1258 | 1258 | 1261 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.8% | 99.6% | 99.4% | 99.3% | 99.3% | 99.5% | 99.7% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



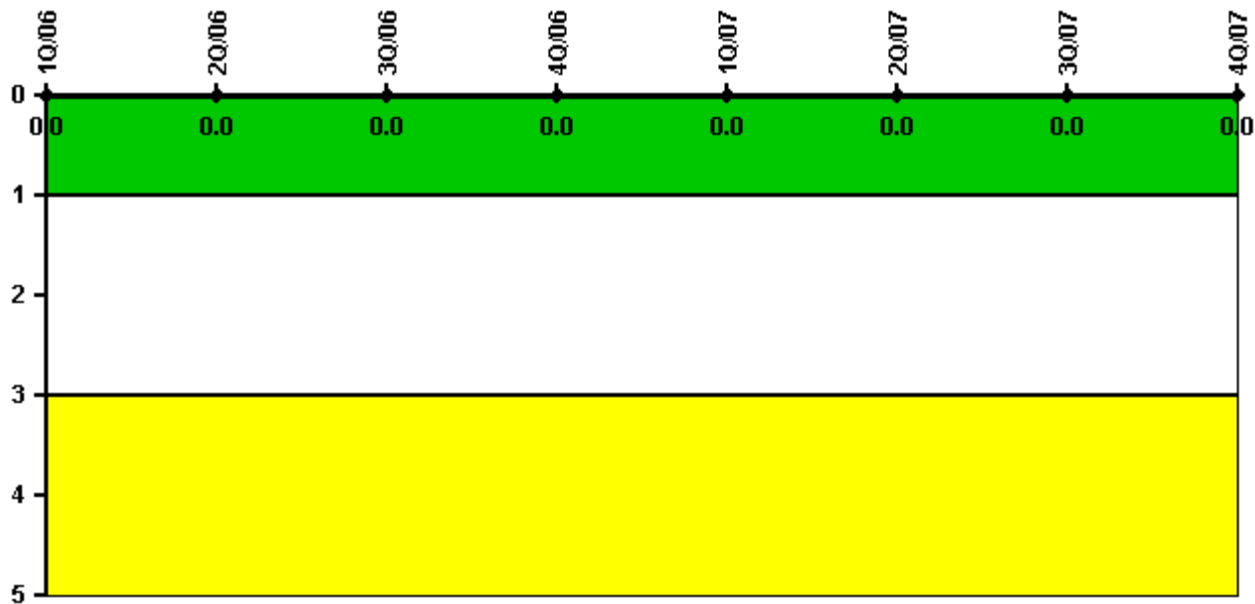
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 1 | 1 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 1Q/06 | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

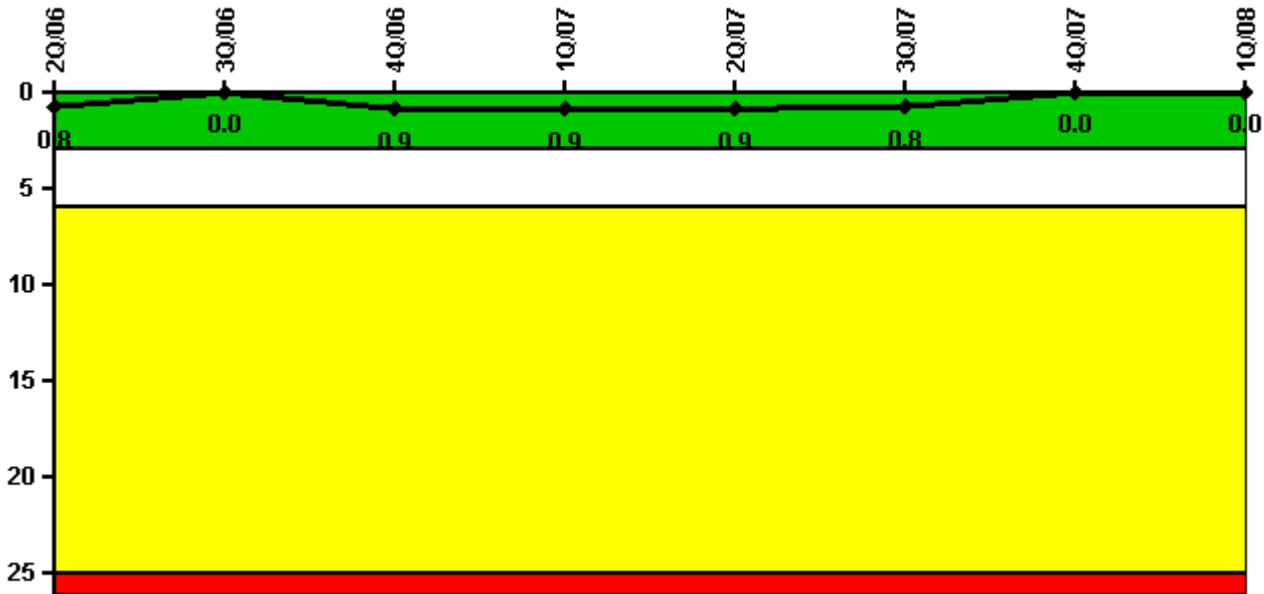
[Physical Protection](#) information not publicly available.

Peach Bottom 2

1Q/2008 Performance Indicators

Licensee's General Comments: Error in data reporting. Does not affect color of the indicator.

Unplanned Scrams per 7000 Critical Hrs



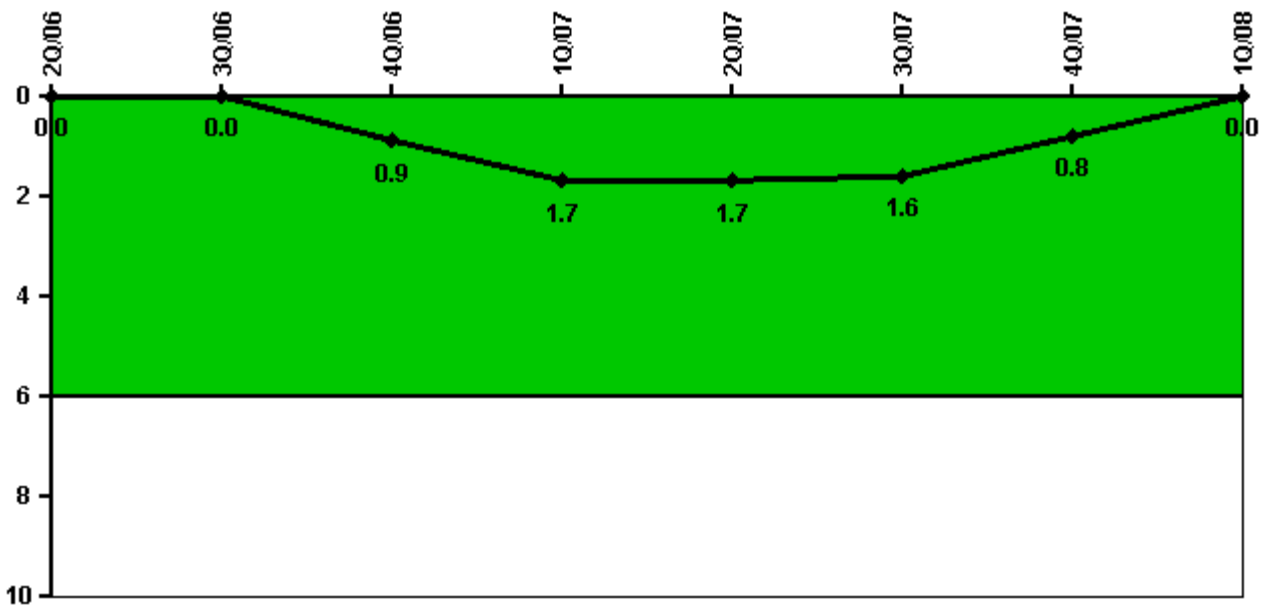
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2183.0 | 1840.4 | 2024.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 |
| Indicator value | 0.8 | 0 | 0.9 | 0.9 | 0.9 | 0.8 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



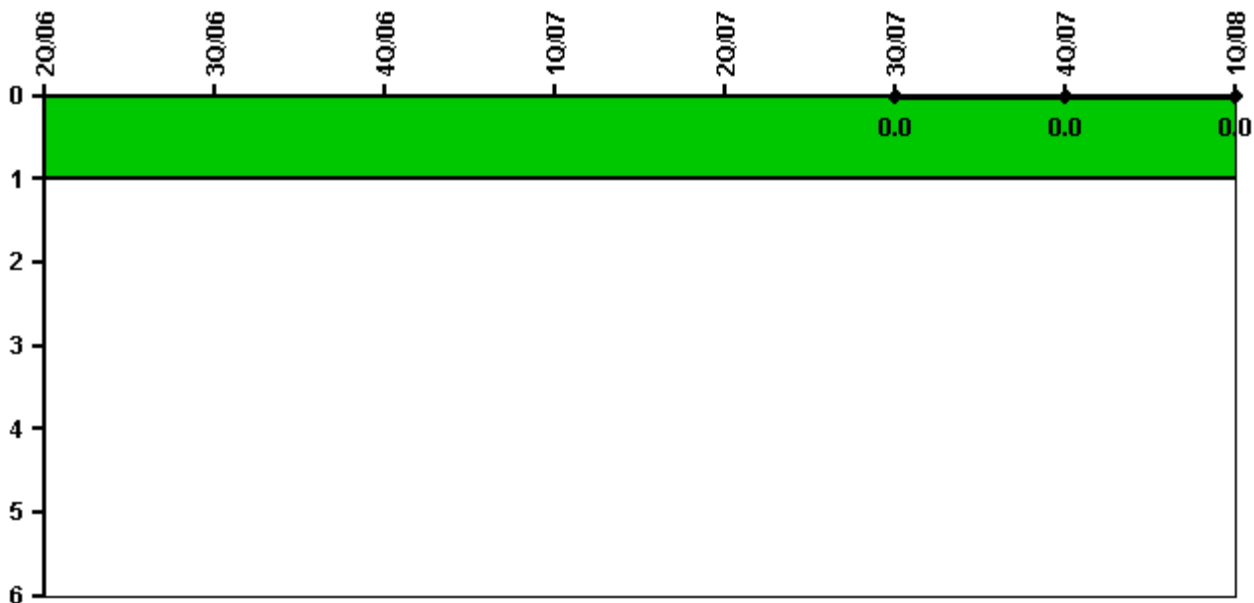
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 0 |
| Critical hours | 2183.0 | 1840.4 | 2024.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 |
| Indicator value | 0 | 0 | 0.9 | 1.7 | 1.7 | 1.6 | 0.8 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



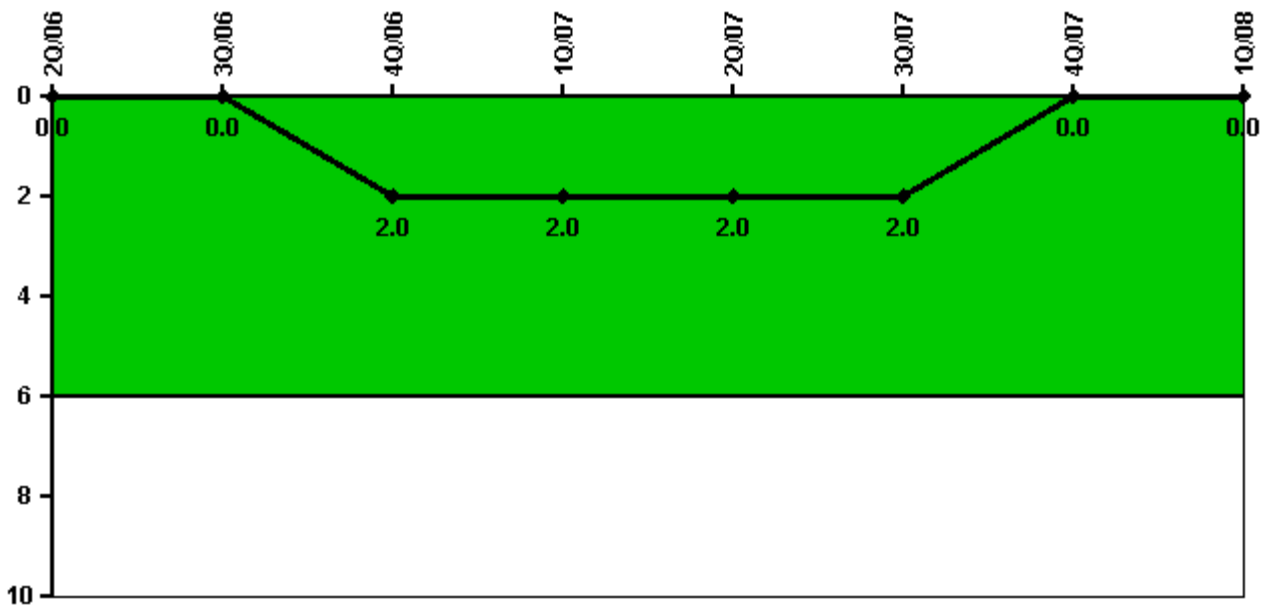
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|-------------------------------------|-------|-------|-------|-------|-------|------------|------------|------------|
| Scrams with complications | | | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| | | | | | | | | |
| Indicator value | | | | | | 0.0 | 0.0 | 0.0 |

Licensee Comments: none

Safety System Functional Failures (BWR)



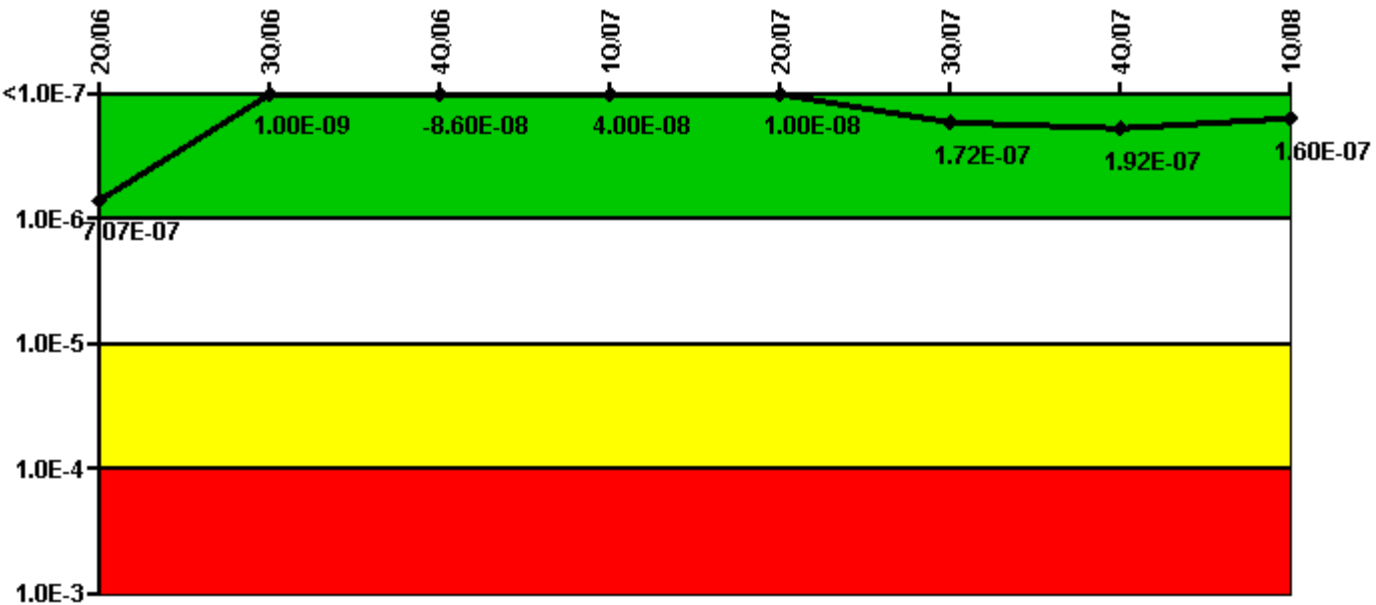
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 2 | 2 | 2 | 2 | 0 | 0 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



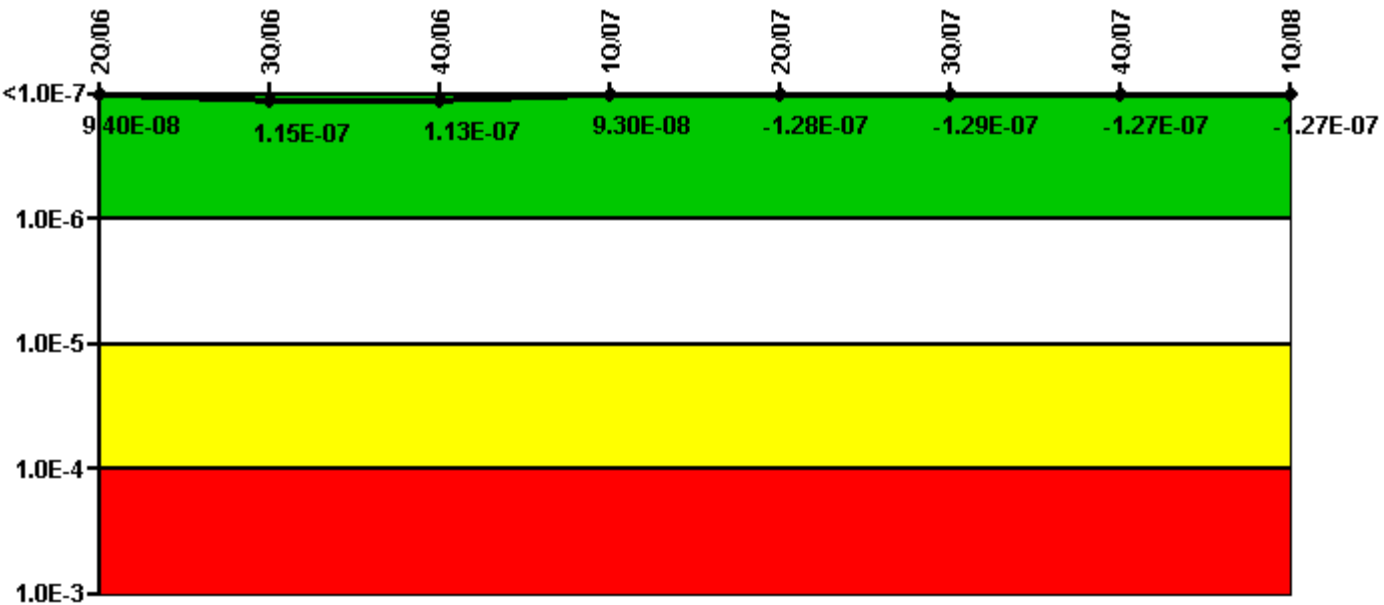
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|----------|-----------|-----------|-----------|-----------|----------|----------|----------|
| UAI (ΔCDF) | 8.70E-08 | 7.90E-08 | 9.40E-08 | 2.10E-07 | 1.30E-07 | 1.00E-07 | 1.00E-07 | 2.00E-08 |
| URI (ΔCDF) | 6.20E-07 | -7.80E-08 | -1.80E-07 | -1.70E-07 | -1.20E-07 | 7.20E-08 | 9.20E-08 | 1.40E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 7.07E-07 | 1.00E-09 | -8.60E-08 | 4.00E-08 | 1.00E-08 | 1.72E-07 | 1.92E-07 | 1.60E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



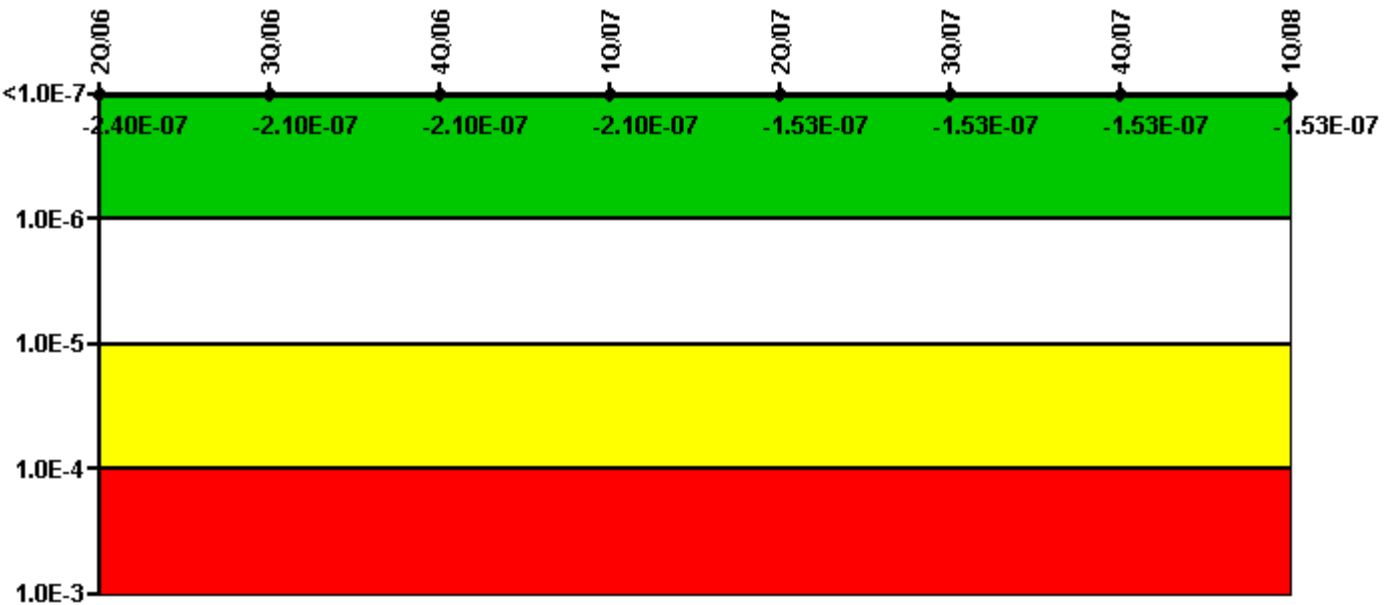
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|--|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 5.80E-08 | 5.80E-08 | 5.90E-08 | 3.90E-08 | -3.80E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 |
| URI (ΔCDF) | 3.60E-08 | 5.70E-08 | 5.40E-08 | 5.40E-08 | -9.00E-08 | -9.00E-08 | -8.80E-08 | -8.80E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 9.40E-08 | 1.15E-07 | 1.13E-07 | 9.30E-08 | -1.28E-07 | -1.29E-07 | -1.27E-07 | -1.27E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



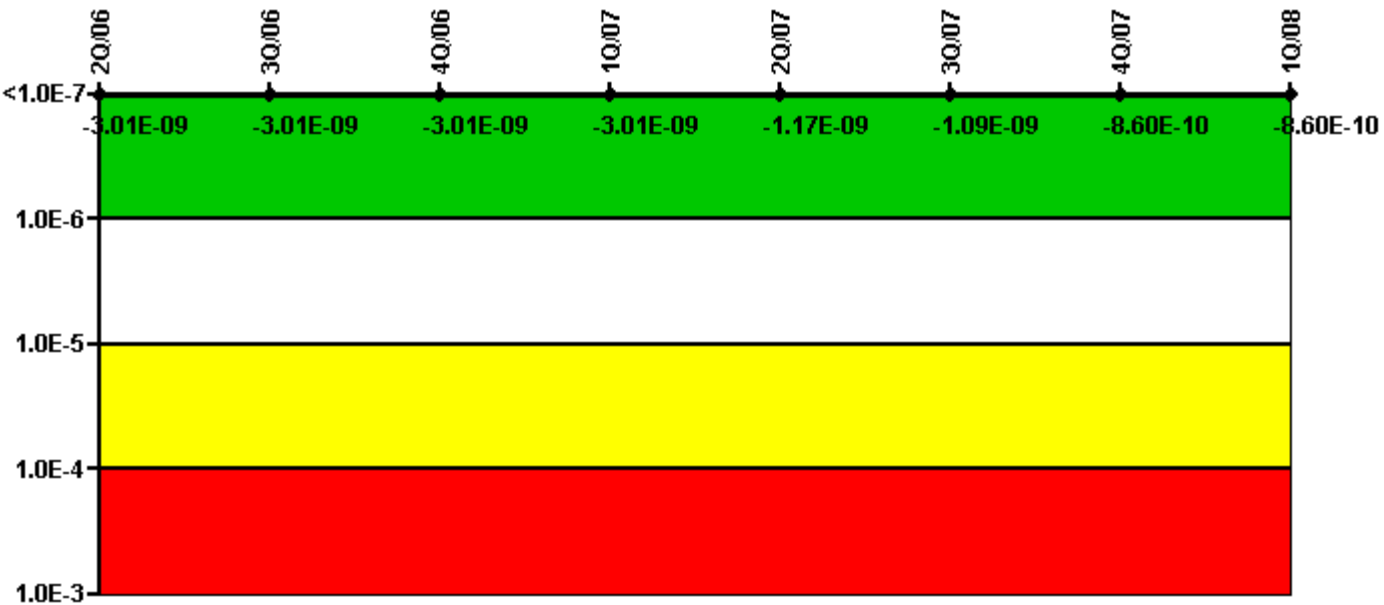
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -6.00E-08 | -6.00E-08 | -6.00E-08 | -6.00E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 |
| URI (Δ CDF) | -1.80E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.40E-07 | -2.10E-07 | -2.10E-07 | -2.10E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



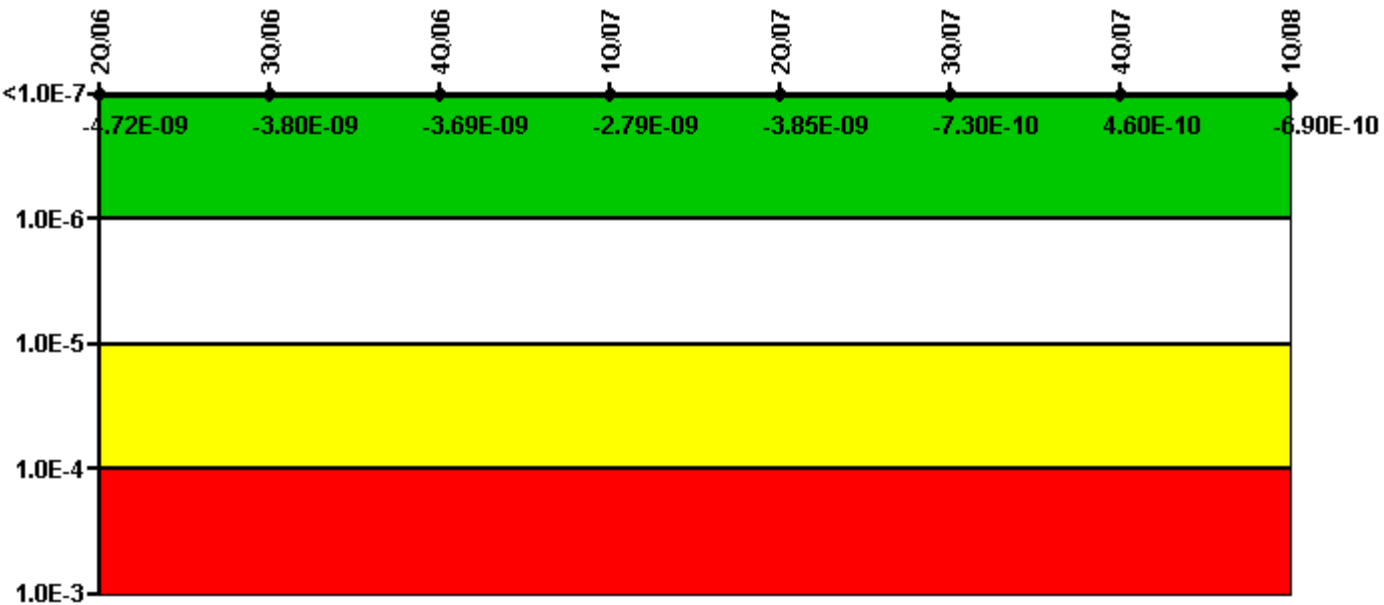
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -8.10E-10 | -8.10E-10 | -8.10E-10 | -8.10E-10 | -2.00E-10 | -1.20E-10 | 1.00E-10 | 1.00E-10 |
| URI (Δ CDF) | -2.20E-09 | -2.20E-09 | -2.20E-09 | -2.20E-09 | -9.70E-10 | -9.70E-10 | -9.60E-10 | -9.60E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.01E-09 | -3.01E-09 | -3.01E-09 | -3.01E-09 | -1.17E-09 | -1.09E-09 | -8.60E-10 | -8.60E-10 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



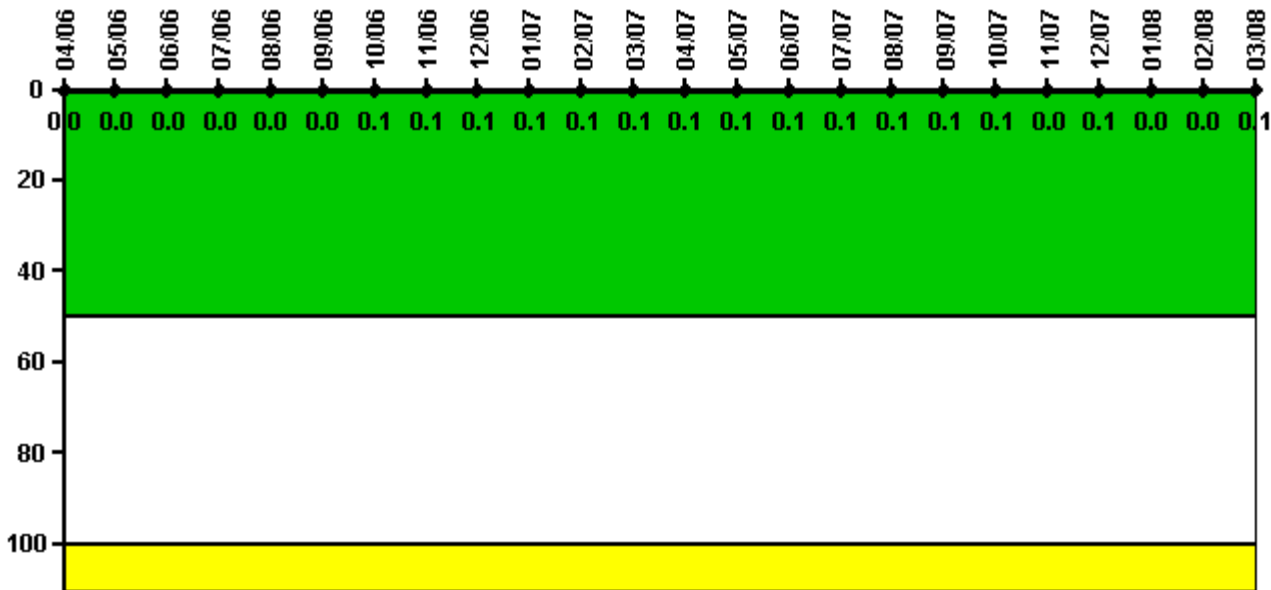
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 5.80E-10 | -3.00E-10 | -9.30E-11 | 8.10E-10 | -1.50E-10 | -1.60E-10 | 9.70E-10 | -1.80E-10 |
| URI (Δ CDF) | -5.30E-09 | -3.50E-09 | -3.60E-09 | -3.60E-09 | -3.70E-09 | -5.70E-10 | -5.10E-10 | -5.10E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -4.72E-09 | -3.80E-09 | -3.69E-09 | -2.79E-09 | -3.85E-09 | -7.30E-10 | 4.60E-10 | -6.90E-10 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

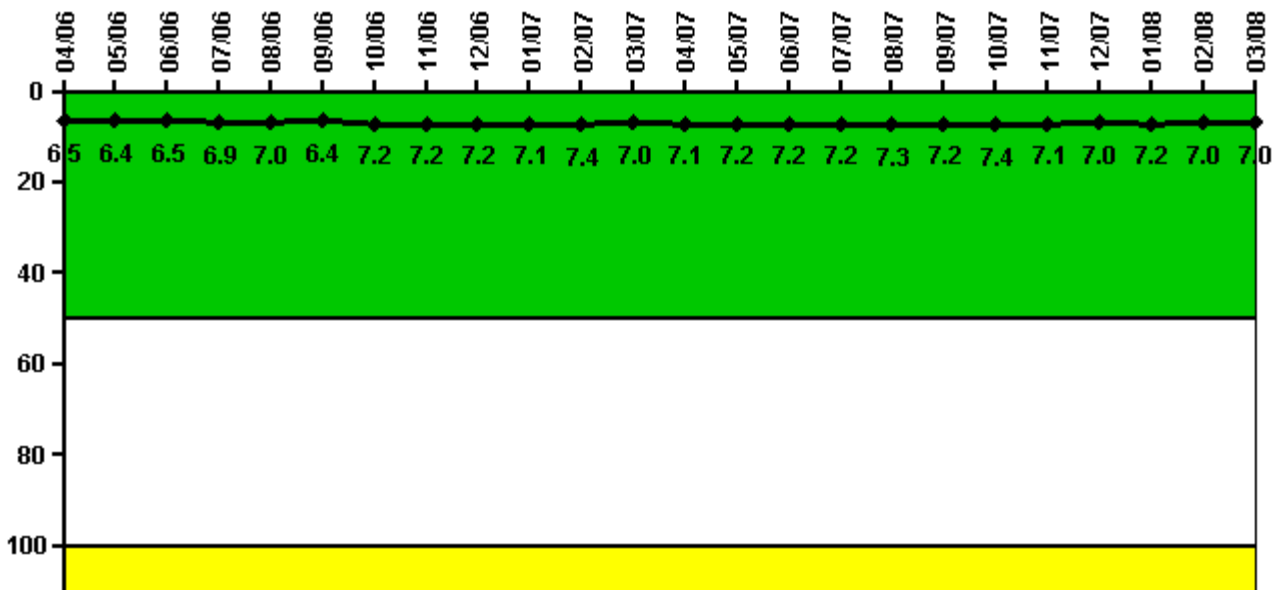
Notes

| Reactor Coolant System Activity | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000088 | 0.000060 | 0.000061 | 0.000049 | 0.000038 | 0.000051 | 0.000192 | 0.000204 | 0.000198 | 0.000143 | 0.000122 | 0.000125 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

| Reactor Coolant System Activity | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000131 | 0.000145 | 0.000146 | 0.000187 | 0.000142 | 0.000122 | 0.000133 | 0.000094 | 0.000155 | 0.000066 | 0.000070 | 0.000131 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.1 | 0 | 0 | 0.1 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

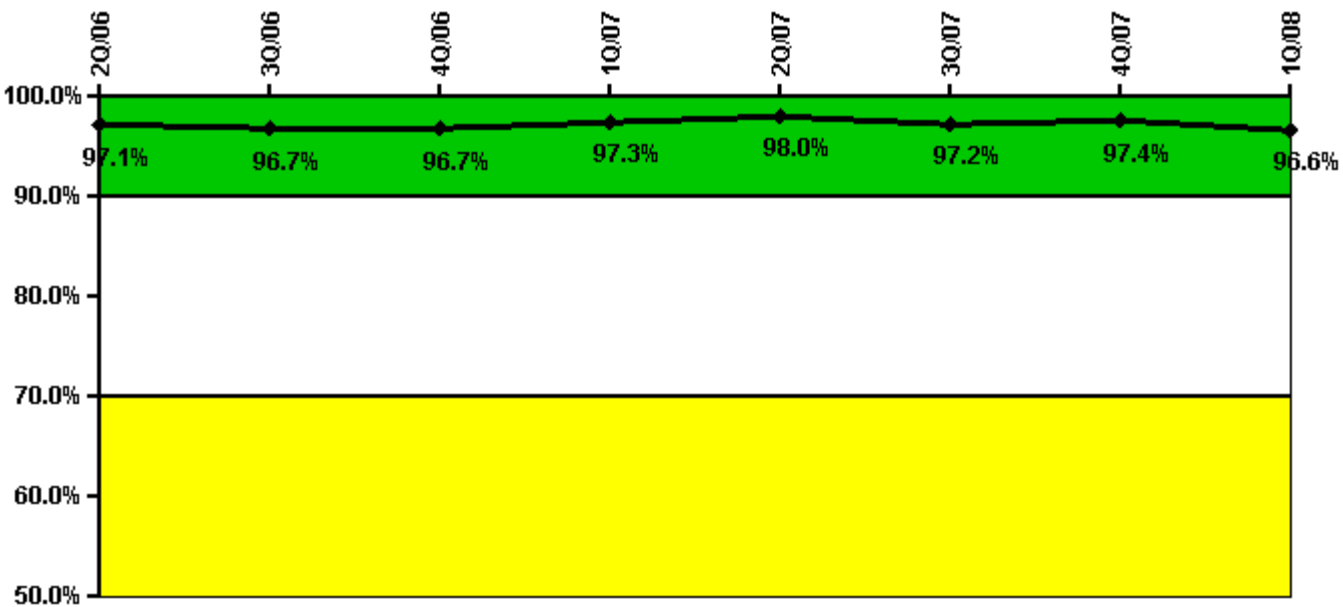
Notes

| Reactor Coolant System Leakage | 4/06 | 5/06 | 6/06 | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.620 | 1.600 | 1.620 | 1.730 | 1.740 | 1.590 | 1.810 | 1.790 | 1.790 | 1.780 | 1.840 | 1.750 |
| 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 | 6.5 | 6.4 | 6.5 | 6.9 | 7.0 | 6.4 | 7.2 | 7.2 | 7.2 | 7.1 | 7.4 | 7.0 |

| Reactor Coolant System Leakage | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.780 | 1.790 | 1.800 | 1.790 | 1.820 | 1.800 | 1.850 | 1.780 | 1.750 | 1.790 | 1.740 | 1.750 |
| 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 | 7.1 | 7.2 | 7.2 | 7.2 | 7.3 | 7.2 | 7.4 | 7.1 | 7.0 | 7.2 | 7.0 | 7.0 |

Licensee Comments: none

Drill/Exercise Performance



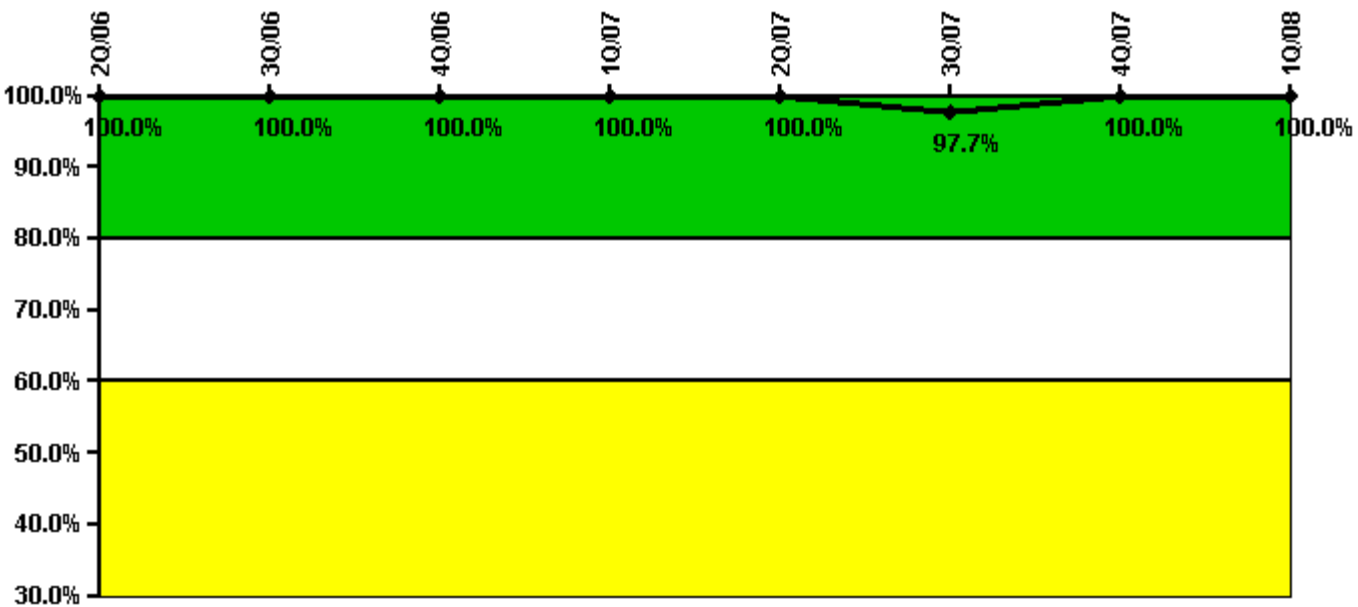
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 58.0 | 27.0 | 24.0 | 145.0 | 28.0 | 34.0 | 24.0 | 59.0 |
| Total opportunities | 58.0 | 28.0 | 24.0 | 148.0 | 30.0 | 38.0 | 24.0 | 63.0 |
| | | | | | | | | |
| Indicator value | 97.1% | 96.7% | 96.7% | 97.3% | 98.0% | 97.2% | 97.4% | 96.6% |

Licensee Comments: none

ERO Drill Participation



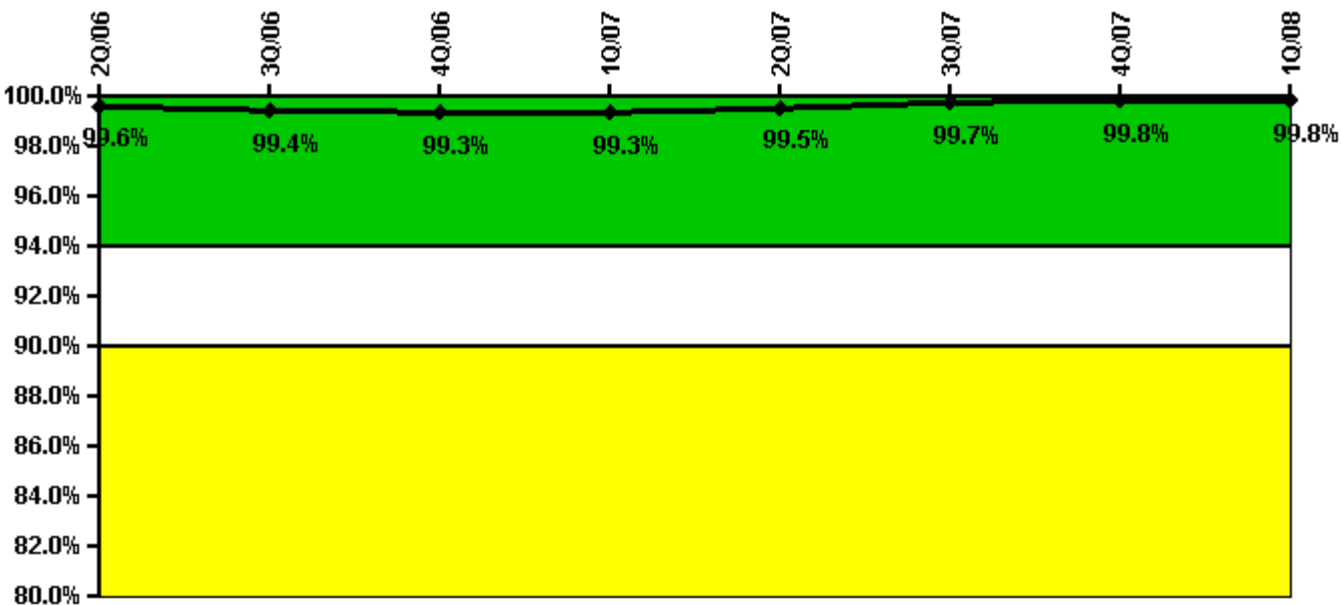
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|
| Participating Key personnel | 75.0 | 81.0 | 82.0 | 84.0 | 79.0 | 84.0 | 85.0 | 75.0 |
| Total Key personnel | 75.0 | 81.0 | 82.0 | 84.0 | 79.0 | 86.0 | 85.0 | 75.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 97.7% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



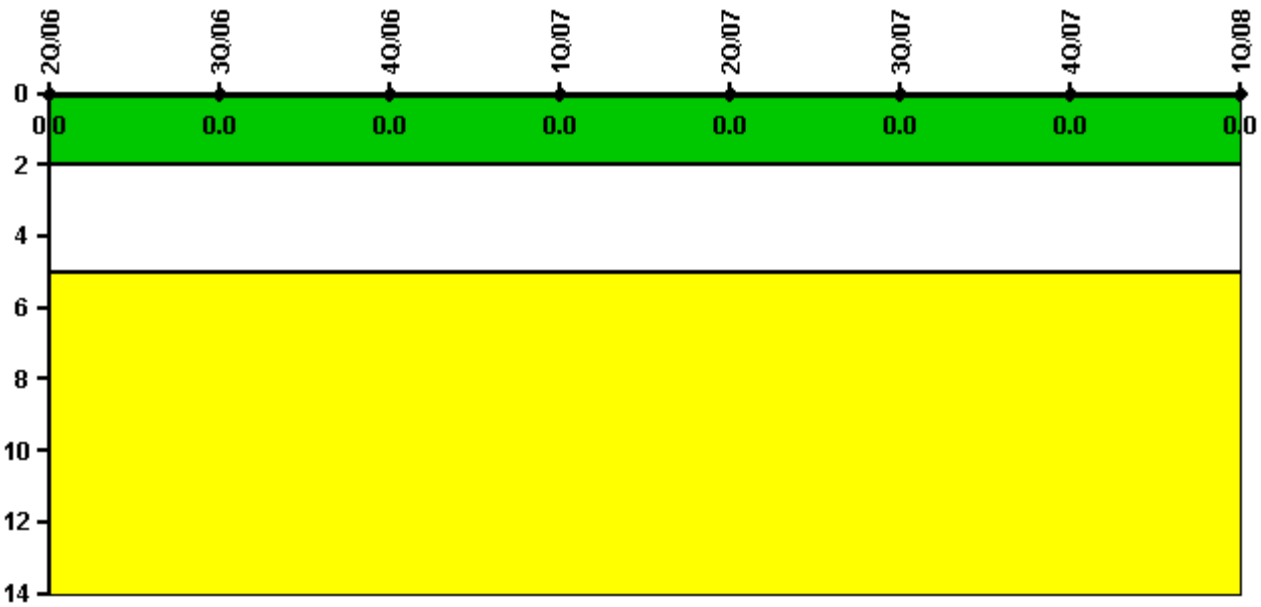
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1247 | 1249 | 1257 | 1256 | 1258 | 1258 | 1261 | 1258 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.6% | 99.4% | 99.3% | 99.3% | 99.5% | 99.7% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



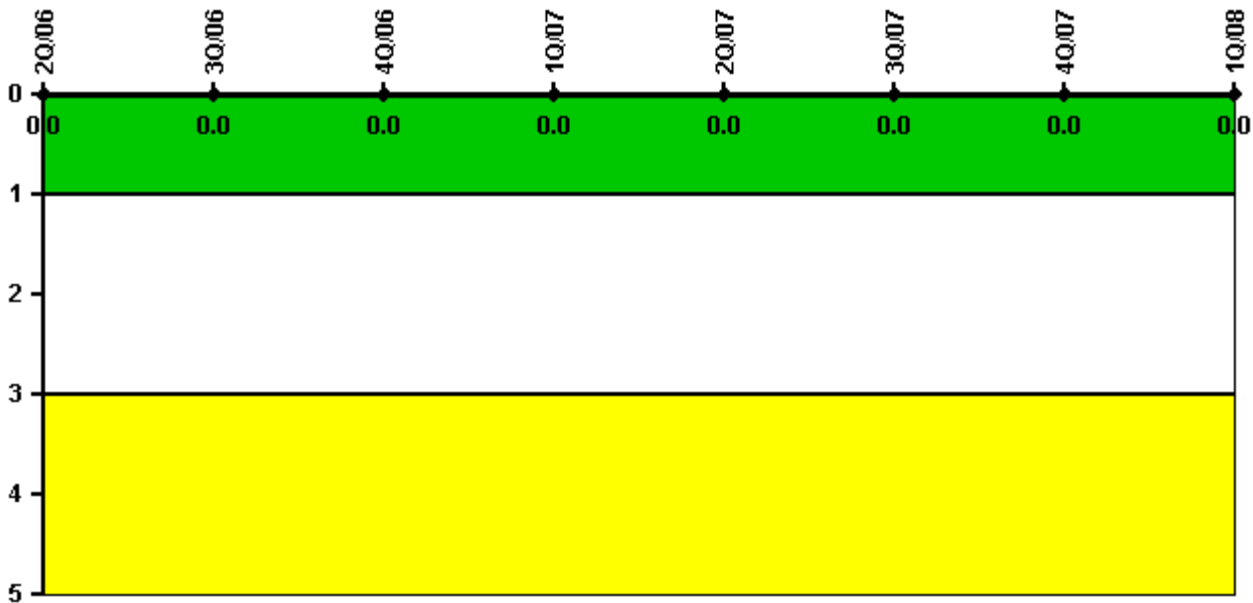
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/06 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.

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

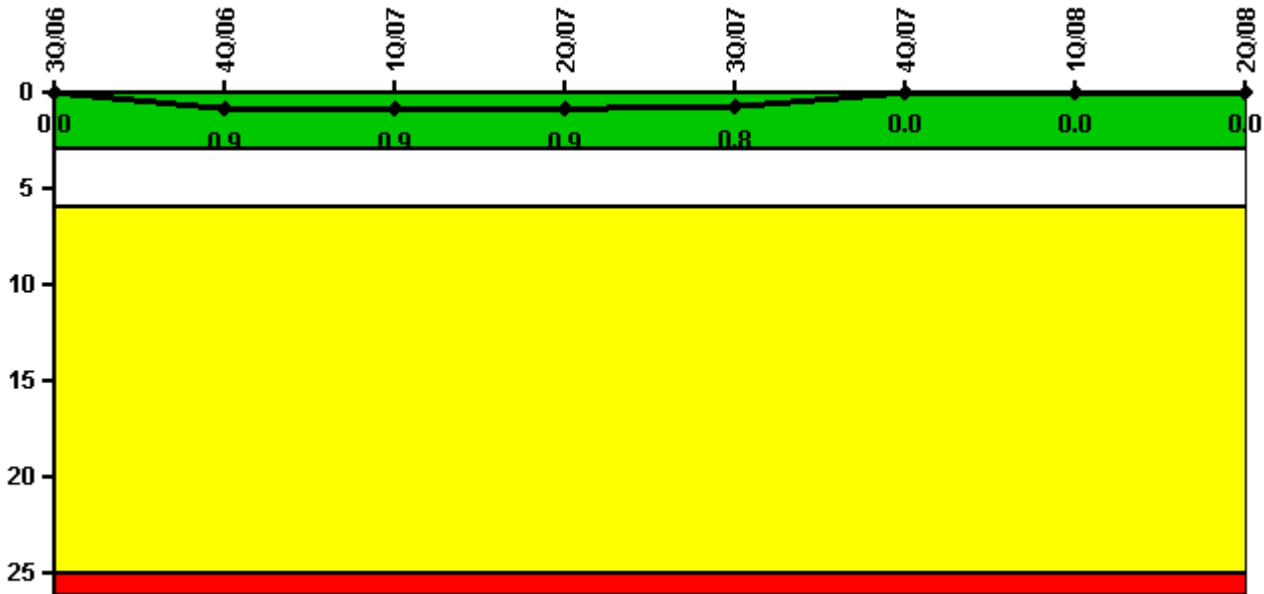
Last Modified: April 30, 2008

Peach Bottom 2

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



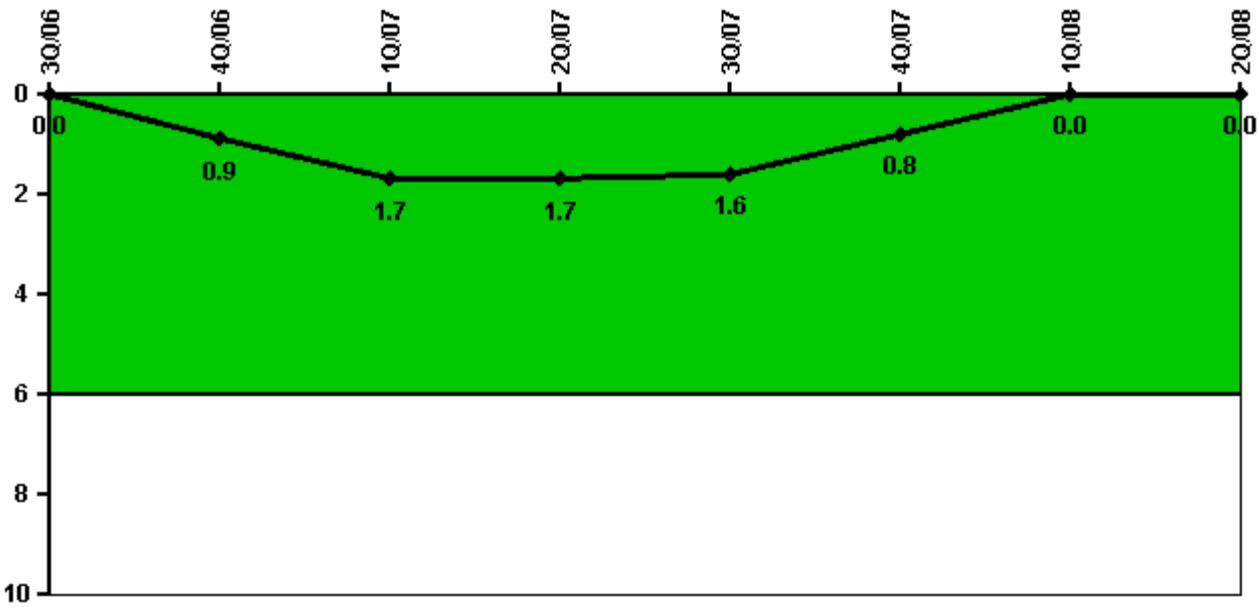
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1840.4 | 2024.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 |
| Indicator value | 0 | 0.9 | 0.9 | 0.9 | 0.8 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



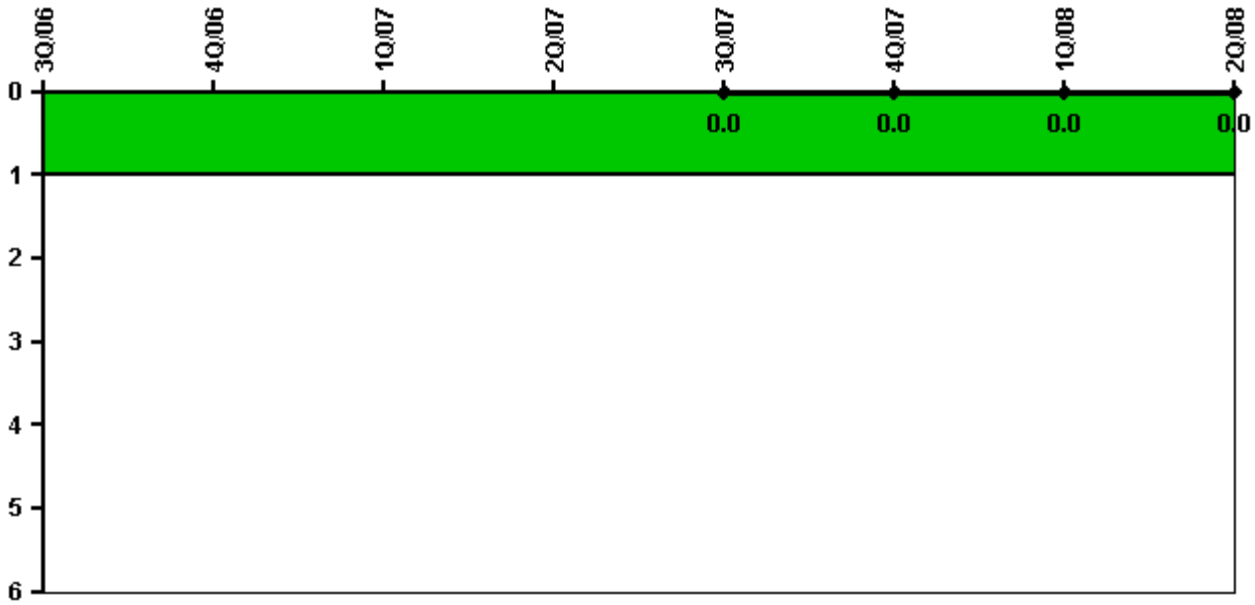
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1840.4 | 2024.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 |
| Indicator value | 0 | 0.9 | 1.7 | 1.7 | 1.6 | 0.8 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



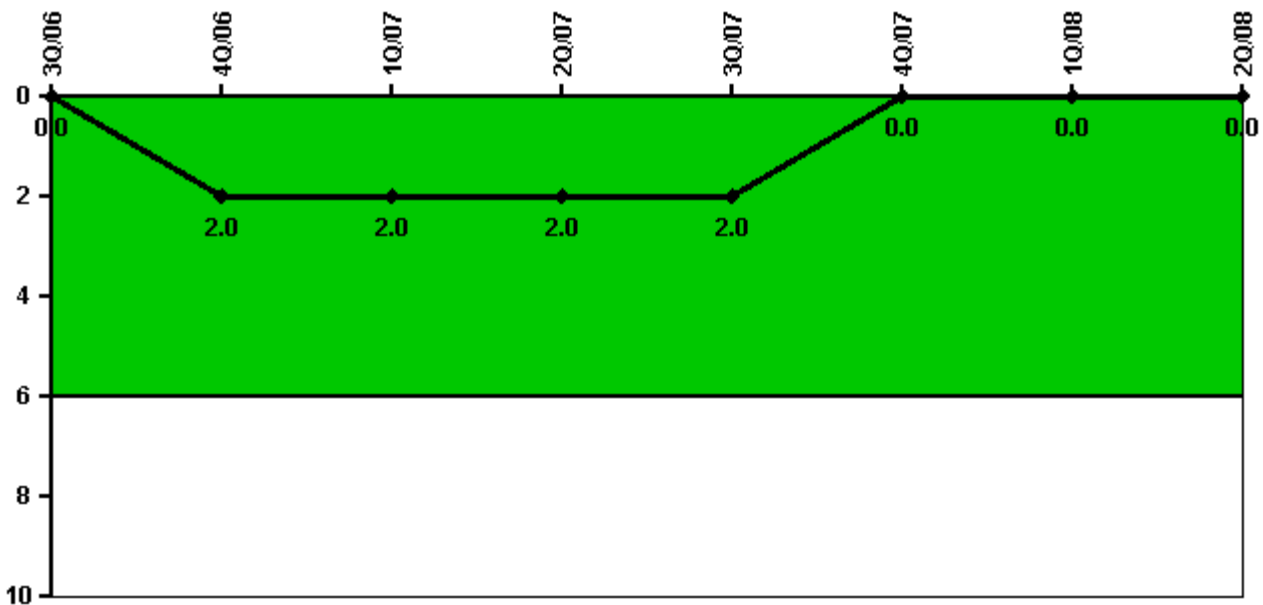
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|-------------------------------------|-------|-------|-------|-------|------------|------------|------------|------------|
| Scrams with complications | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| | | | | | | | | |
| Indicator value | | | | | 0.0 | 0.0 | 0.0 | 0.0 |

Licensee Comments: none

Safety System Functional Failures (BWR)



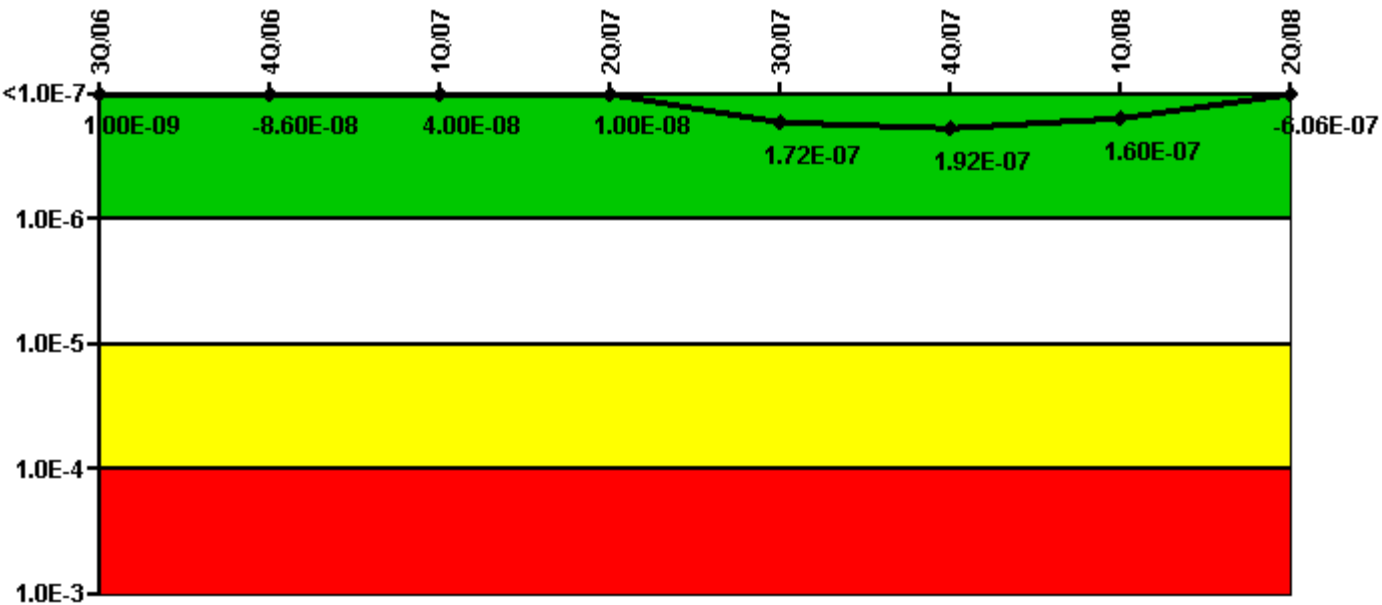
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 2 | 2 | 2 | 2 | 0 | 0 | 0 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



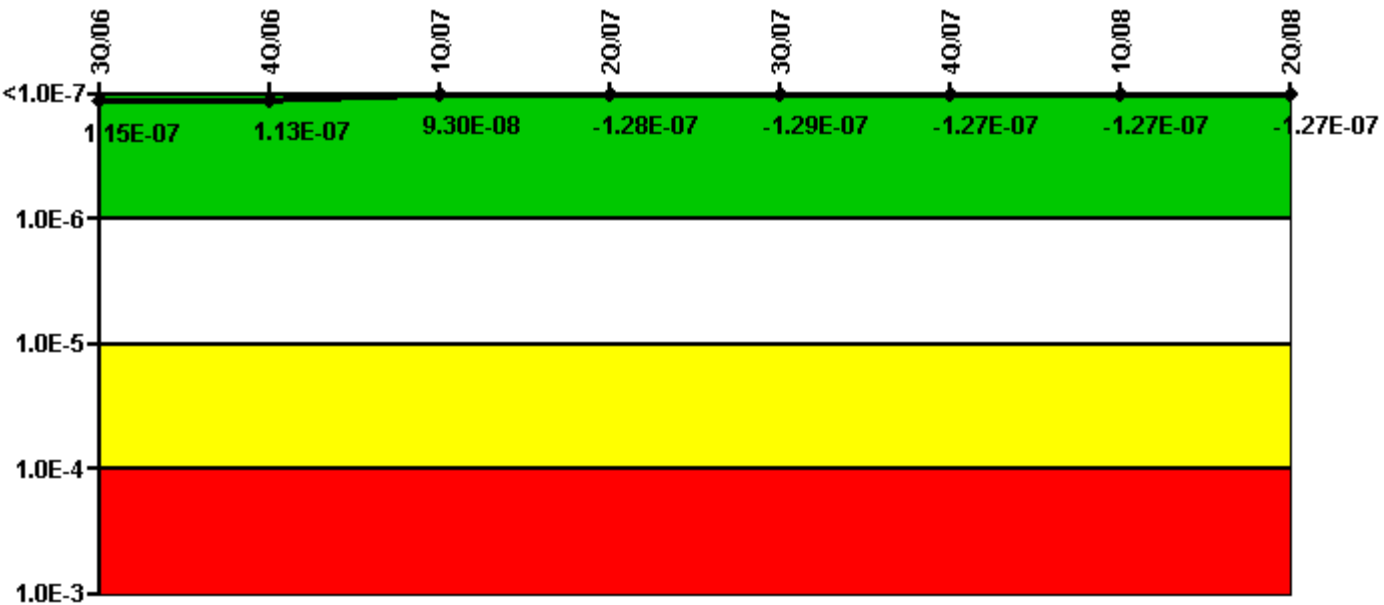
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---|-----------|-----------|-----------|-----------|----------|----------|----------|-----------|
| UAI (ΔCDF) | 7.90E-08 | 9.40E-08 | 2.10E-07 | 1.30E-07 | 1.00E-07 | 1.00E-07 | 2.00E-08 | 4.40E-08 |
| URI (ΔCDF) | -7.80E-08 | -1.80E-07 | -1.70E-07 | -1.20E-07 | 7.20E-08 | 9.20E-08 | 1.40E-07 | -6.50E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.00E-09 | -8.60E-08 | 4.00E-08 | 1.00E-08 | 1.72E-07 | 1.92E-07 | 1.60E-07 | -6.06E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



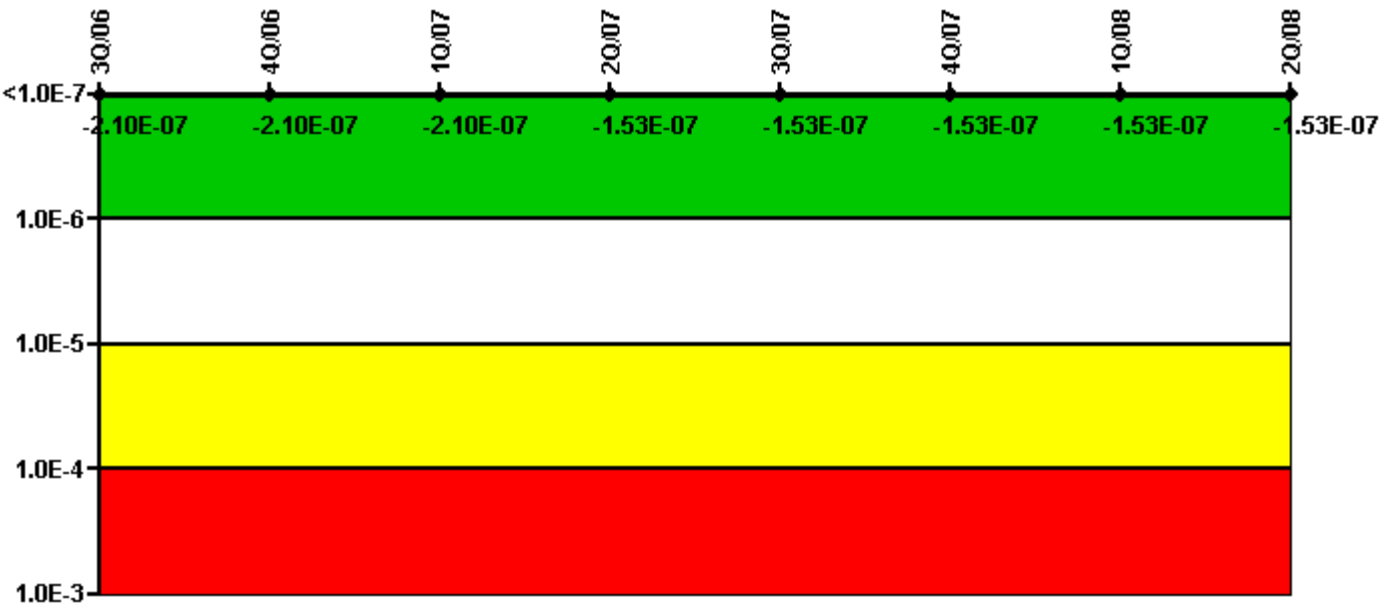
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|--|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 5.80E-08 | 5.90E-08 | 3.90E-08 | -3.80E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 |
| URI (ΔCDF) | 5.70E-08 | 5.40E-08 | 5.40E-08 | -9.00E-08 | -9.00E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.15E-07 | 1.13E-07 | 9.30E-08 | -1.28E-07 | -1.29E-07 | -1.27E-07 | -1.27E-07 | -1.27E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



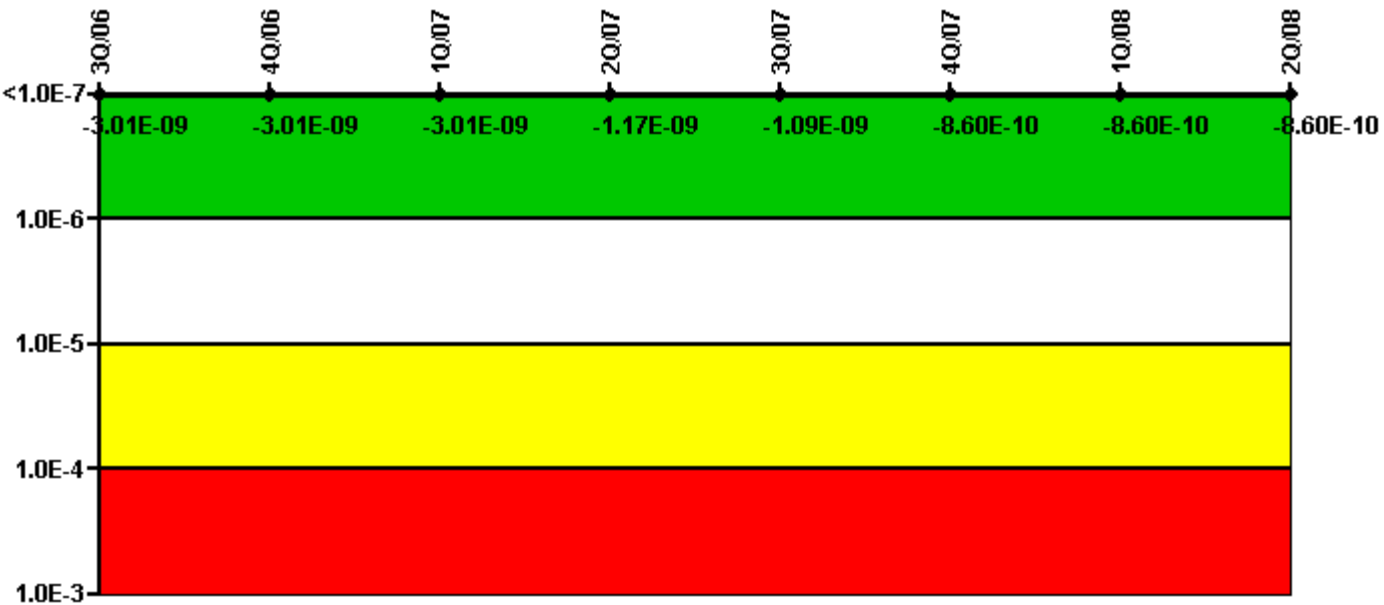
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -6.00E-08 | -6.00E-08 | -6.00E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 |
| URI (Δ CDF) | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.10E-07 | -2.10E-07 | -2.10E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



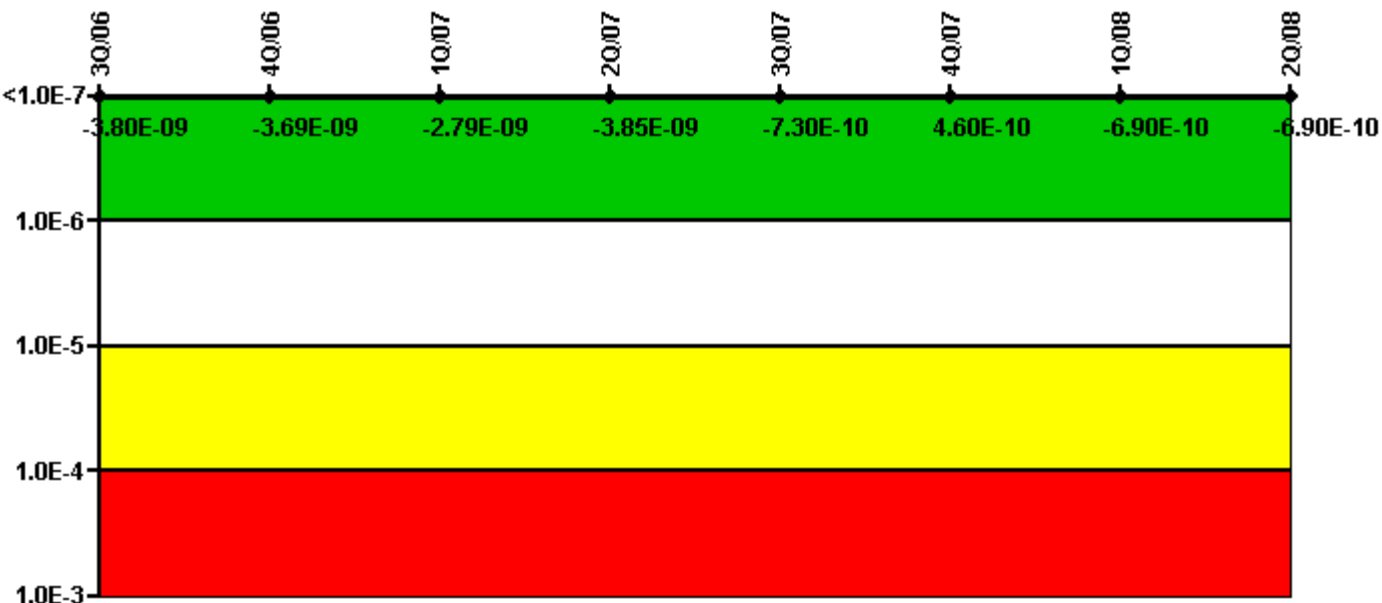
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -8.10E-10 | -8.10E-10 | -8.10E-10 | -2.00E-10 | -1.20E-10 | 1.00E-10 | 1.00E-10 | 1.00E-10 |
| URI (Δ CDF) | -2.20E-09 | -2.20E-09 | -2.20E-09 | -9.70E-10 | -9.70E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.01E-09 | -3.01E-09 | -3.01E-09 | -1.17E-09 | -1.09E-09 | -8.60E-10 | -8.60E-10 | -8.60E-10 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



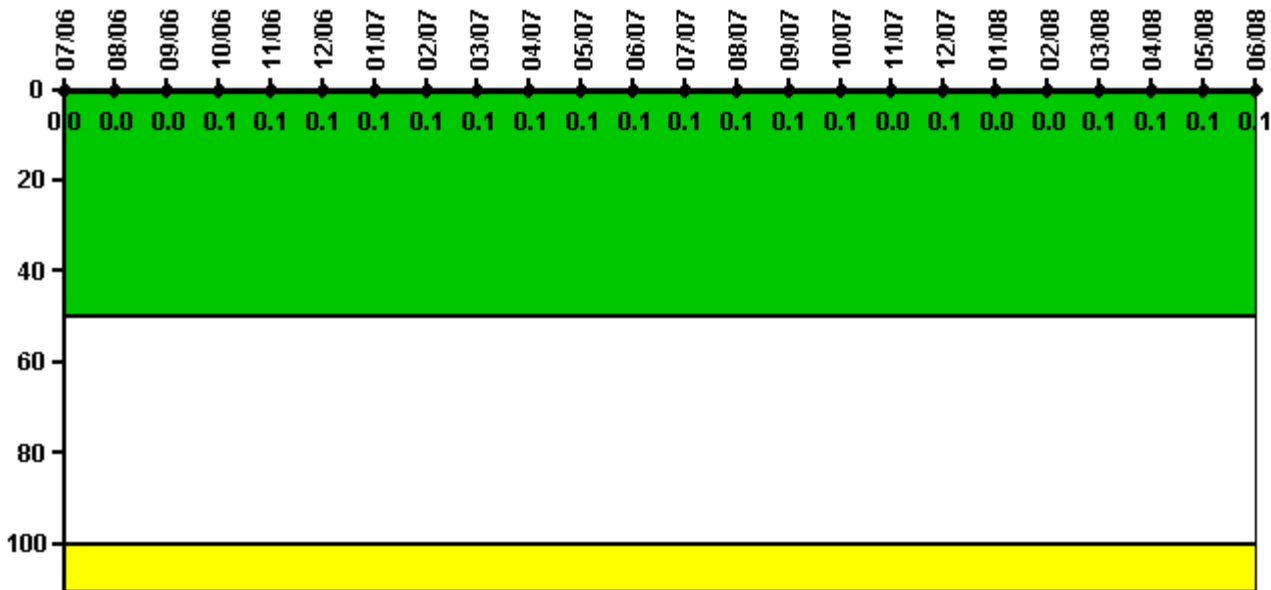
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -3.00E-10 | -9.30E-11 | 8.10E-10 | -1.50E-10 | -1.60E-10 | 9.70E-10 | -1.80E-10 | -1.80E-10 |
| URI (ΔCDF) | -3.50E-09 | -3.60E-09 | -3.60E-09 | -3.70E-09 | -5.70E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.80E-09 | -3.69E-09 | -2.79E-09 | -3.85E-09 | -7.30E-10 | 4.60E-10 | -6.90E-10 | -6.90E-10 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

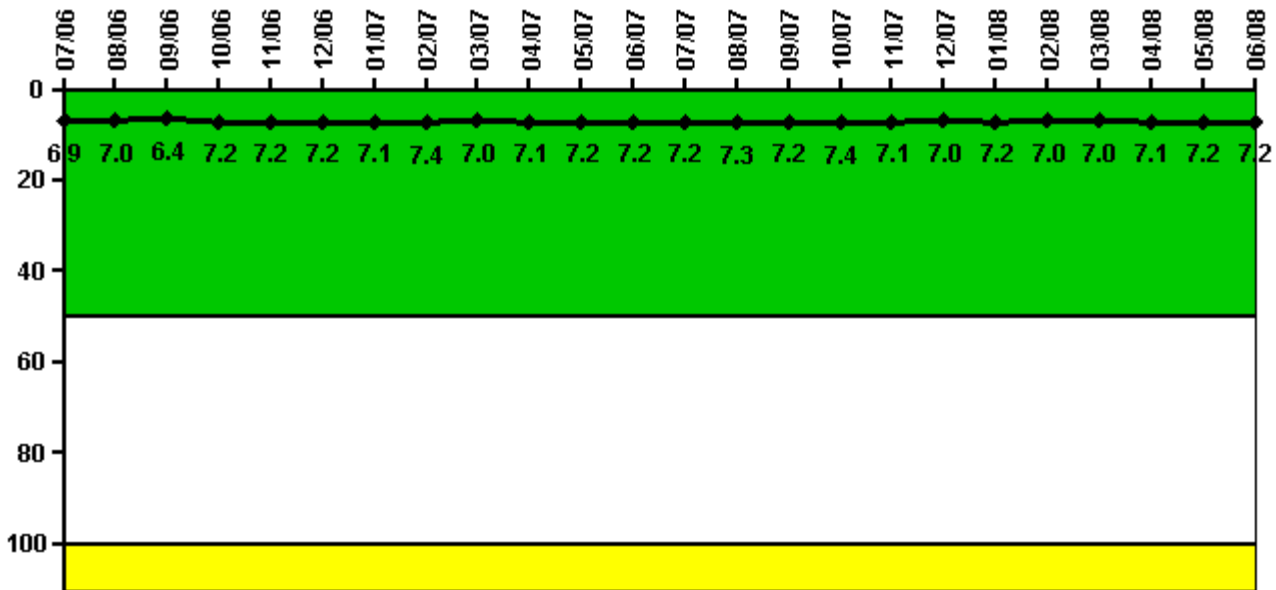
Notes

| Reactor Coolant System Activity | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000049 | 0.000038 | 0.000051 | 0.000192 | 0.000204 | 0.000198 | 0.000143 | 0.000122 | 0.000125 | 0.000131 | 0.000145 | 0.000146 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

| Reactor Coolant System Activity | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000187 | 0.000142 | 0.000122 | 0.000133 | 0.000094 | 0.000155 | 0.000066 | 0.000070 | 0.000131 | 0.000223 | 0.000114 | 0.000184 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.1 | 0 | 0 | 0.1 | 0.1 | 0.1 | 0.1 |

Licensee Comments: none

Reactor Coolant System Leakage



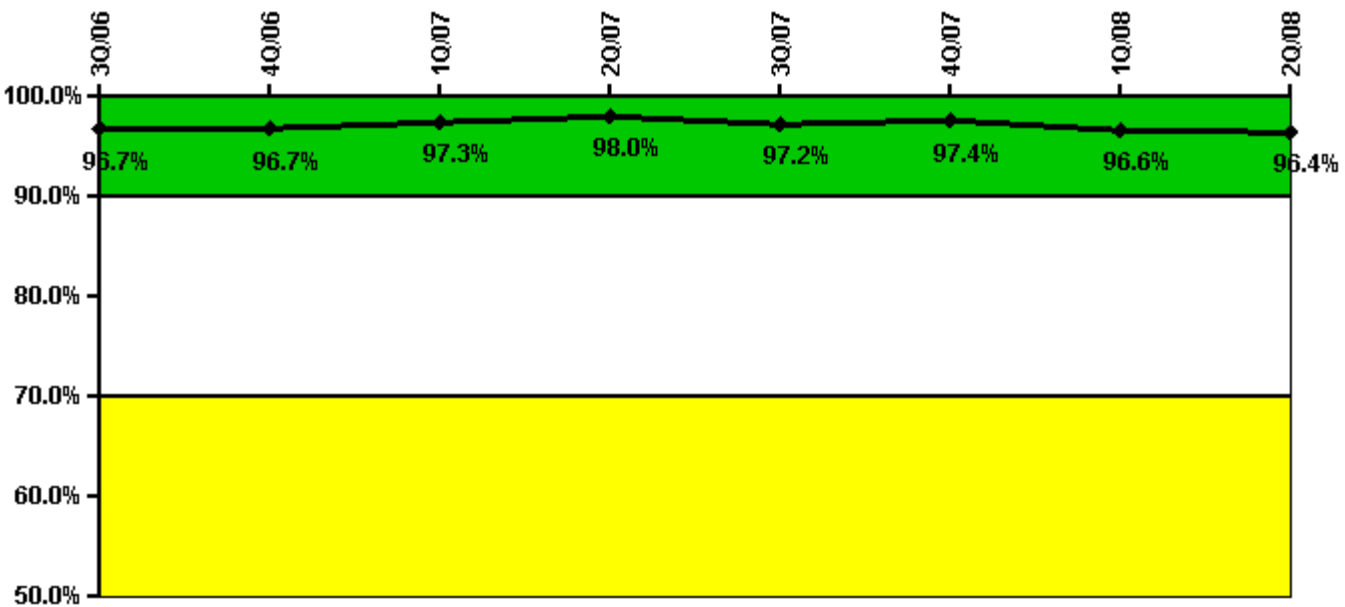
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 7/06 | 8/06 | 9/06 | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.730 | 1.740 | 1.590 | 1.810 | 1.790 | 1.790 | 1.780 | 1.840 | 1.750 | 1.780 | 1.790 | 1.800 |
| 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 | 6.9 | 7.0 | 6.4 | 7.2 | 7.2 | 7.2 | 7.1 | 7.4 | 7.0 | 7.1 | 7.2 | 7.2 |
| Reactor Coolant System Leakage | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 |
| Maximum leakage | 1.790 | 1.820 | 1.800 | 1.850 | 1.780 | 1.750 | 1.790 | 1.740 | 1.750 | 1.780 | 1.800 | 1.800 |
| 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 | 7.2 | 7.3 | 7.2 | 7.4 | 7.1 | 7.0 | 7.2 | 7.0 | 7.0 | 7.1 | 7.2 | 7.2 |

Licensee Comments: none

Drill/Exercise Performance



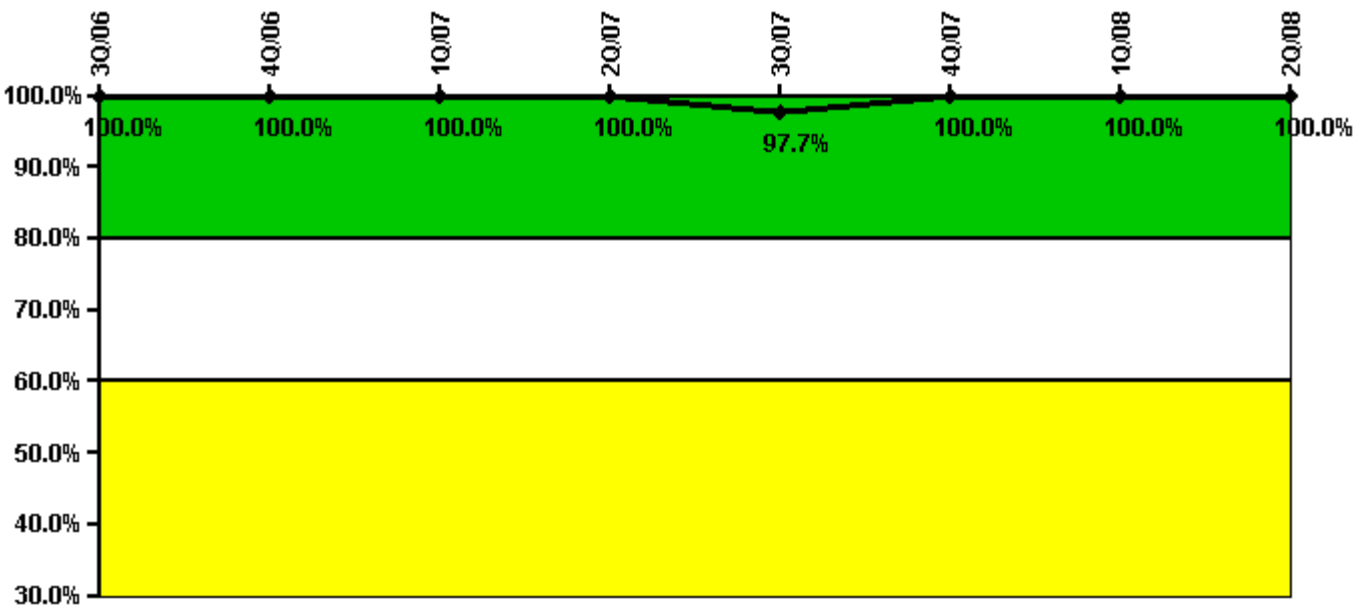
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 27.0 | 24.0 | 145.0 | 28.0 | 34.0 | 24.0 | 59.0 | 82.0 |
| Total opportunities | 28.0 | 24.0 | 148.0 | 30.0 | 38.0 | 24.0 | 63.0 | 84.0 |
| | | | | | | | | |
| Indicator value | 96.7% | 96.7% | 97.3% | 98.0% | 97.2% | 97.4% | 96.6% | 96.4% |

Licensee Comments: none

ERO Drill Participation



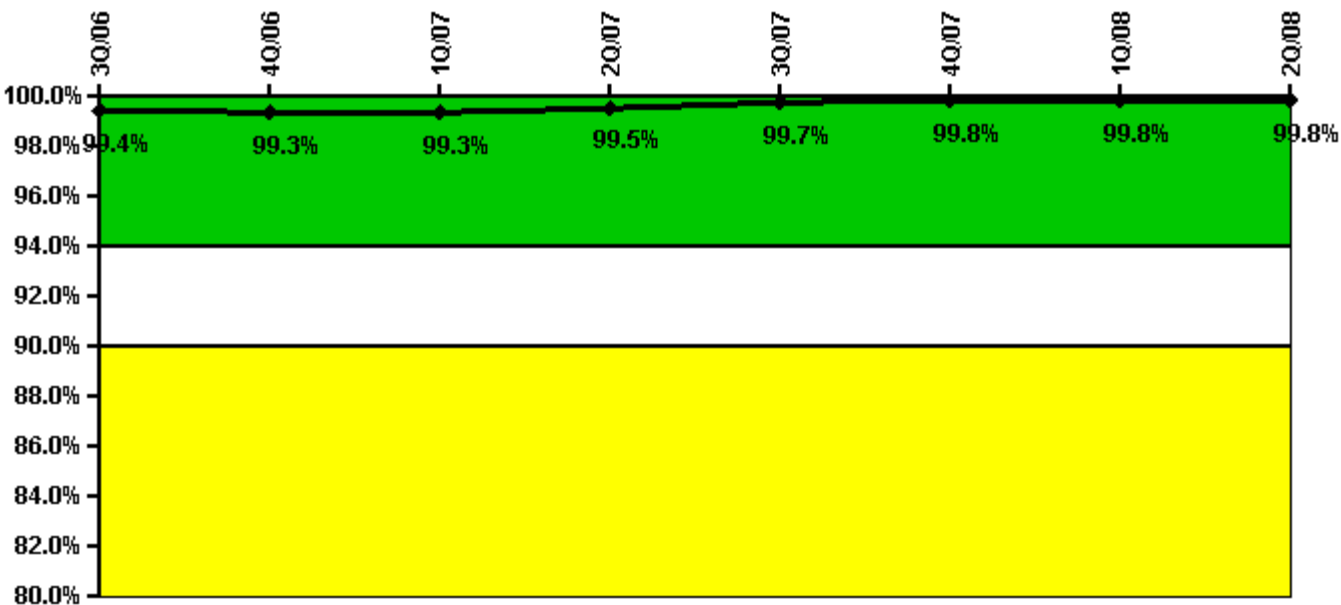
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|-----------------------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|
| Participating Key personnel | 81.0 | 82.0 | 84.0 | 79.0 | 84.0 | 85.0 | 75.0 | 75.0 |
| Total Key personnel | 81.0 | 82.0 | 84.0 | 79.0 | 86.0 | 85.0 | 75.0 | 75.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 97.7% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



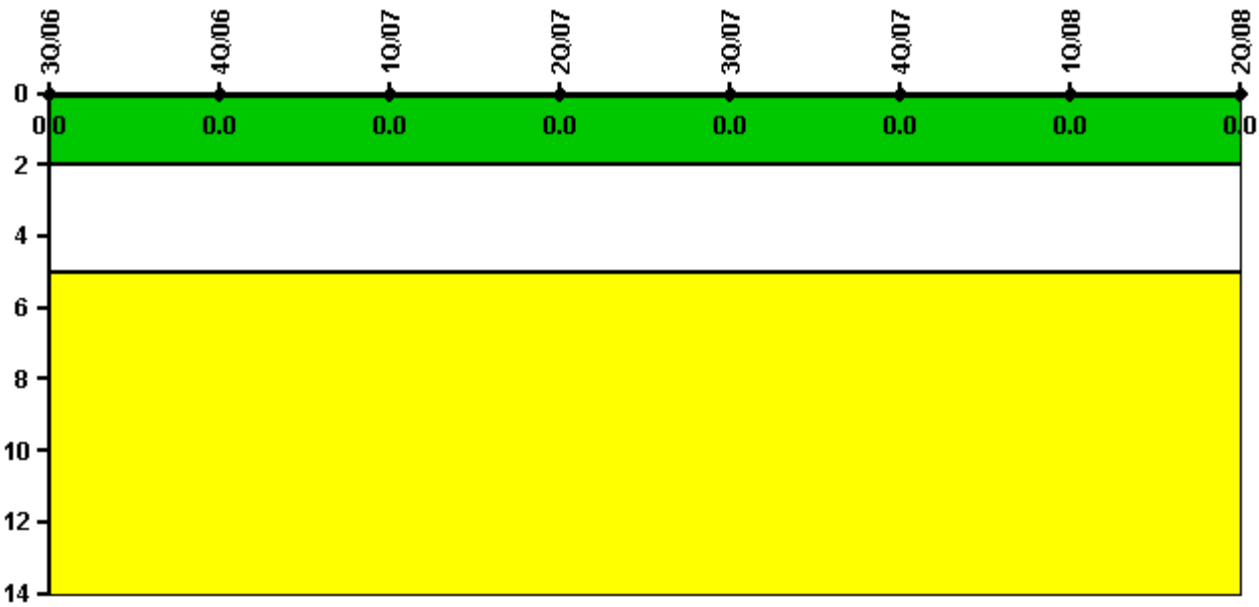
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1249 | 1257 | 1256 | 1258 | 1258 | 1261 | 1258 | 1255 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.4% | 99.3% | 99.3% | 99.5% | 99.7% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



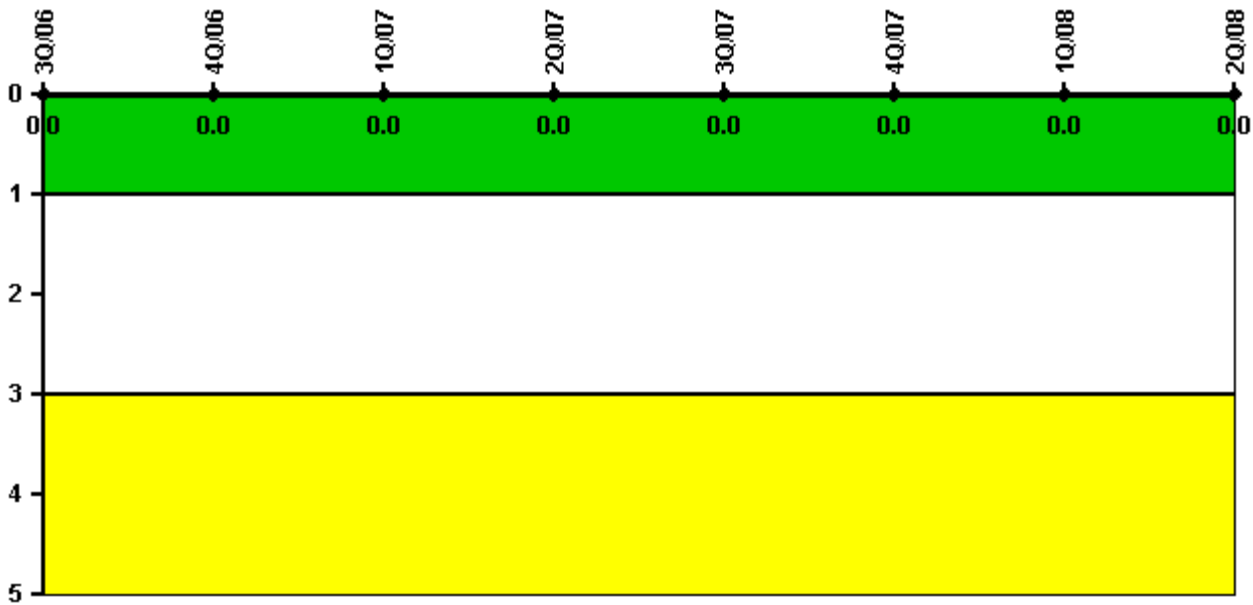
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 3Q/06 | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

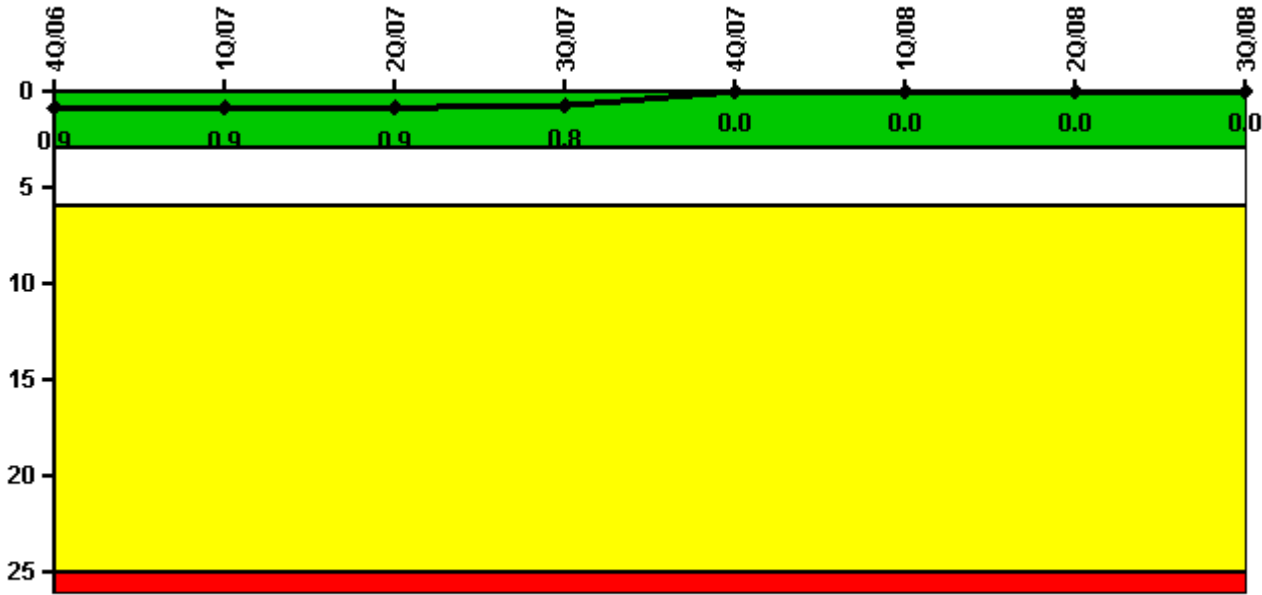
[Physical Protection](#) information not publicly available.

Peach Bottom 2

3Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



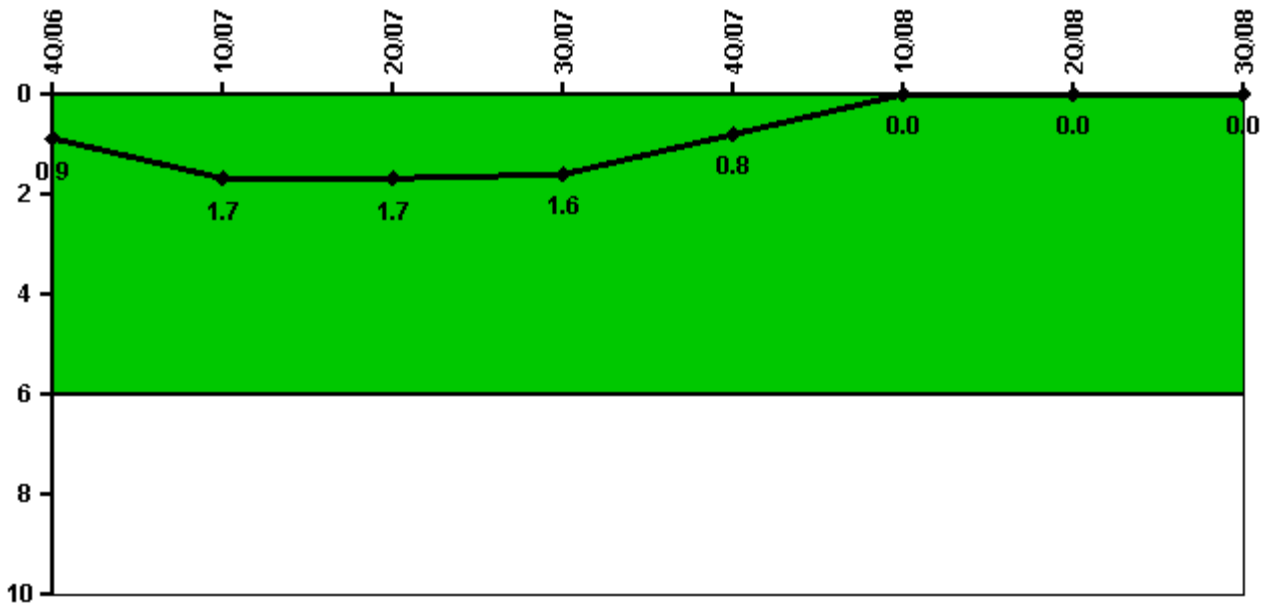
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|--|------------|------------|------------|------------|----------|----------|----------|----------|
| Unplanned scrams | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2024.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1822.4 |
| Indicator value | 0.9 | 0.9 | 0.9 | 0.8 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



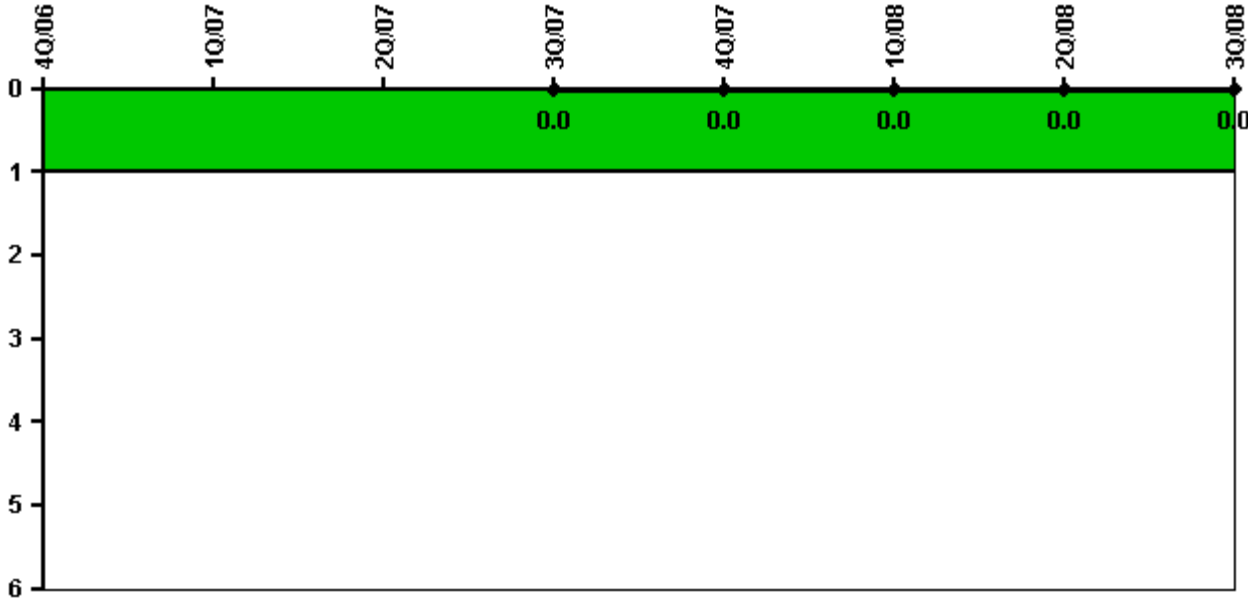
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---|------------|------------|------------|------------|------------|----------|----------|----------|
| Unplanned power changes | 1.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2024.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1822.4 |
| Indicator value | 0.9 | 1.7 | 1.7 | 1.6 | 0.8 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



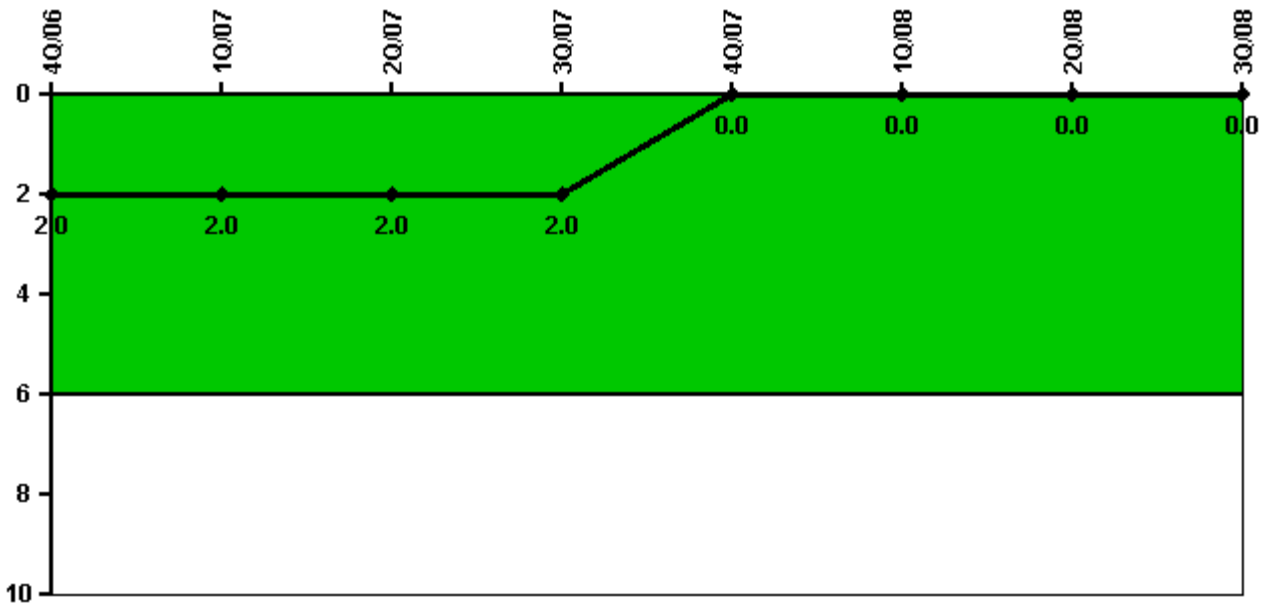
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|-------------------------------------|-------|-------|-------|------------|------------|------------|------------|------------|
| Scrams with complications | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | |
| | | | | | | | | |
| Indicator value | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Licensee Comments: none

Safety System Functional Failures (BWR)



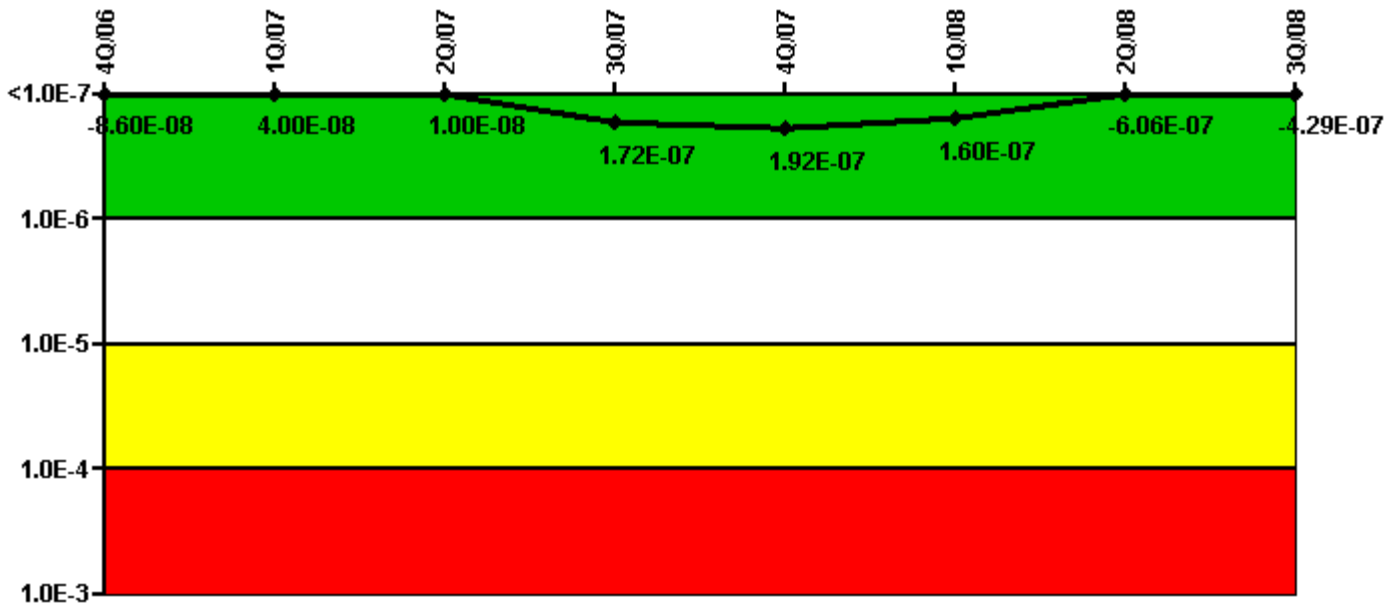
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



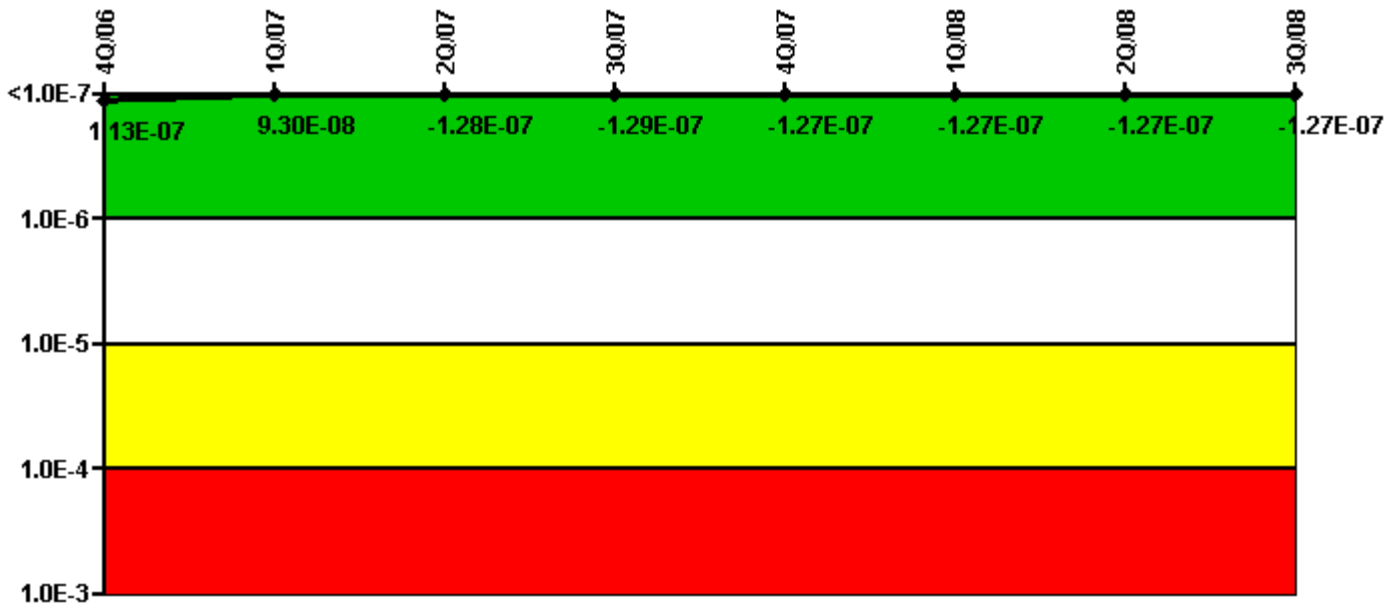
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---|-----------|-----------|-----------|----------|----------|----------|-----------|-----------|
| UAI (ΔCDF) | 9.40E-08 | 2.10E-07 | 1.30E-07 | 1.00E-07 | 1.00E-07 | 2.00E-08 | 4.40E-08 | 7.10E-08 |
| URI (ΔCDF) | -1.80E-07 | -1.70E-07 | -1.20E-07 | 7.20E-08 | 9.20E-08 | 1.40E-07 | -6.50E-07 | -5.00E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.60E-08 | 4.00E-08 | 1.00E-08 | 1.72E-07 | 1.92E-07 | 1.60E-07 | -6.06E-07 | -4.29E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



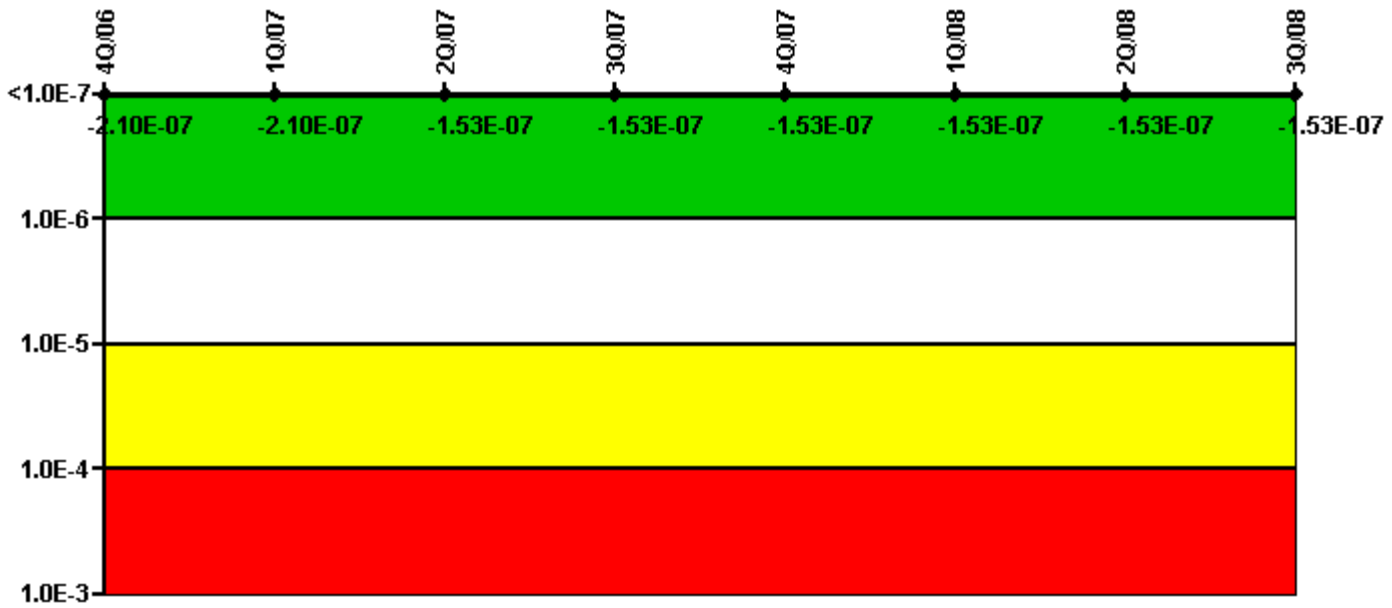
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|--|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 5.90E-08 | 3.90E-08 | -3.80E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 |
| URI (Δ CDF) | 5.40E-08 | 5.40E-08 | -9.00E-08 | -9.00E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.13E-07 | 9.30E-08 | -1.28E-07 | -1.29E-07 | -1.27E-07 | -1.27E-07 | -1.27E-07 | -1.27E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



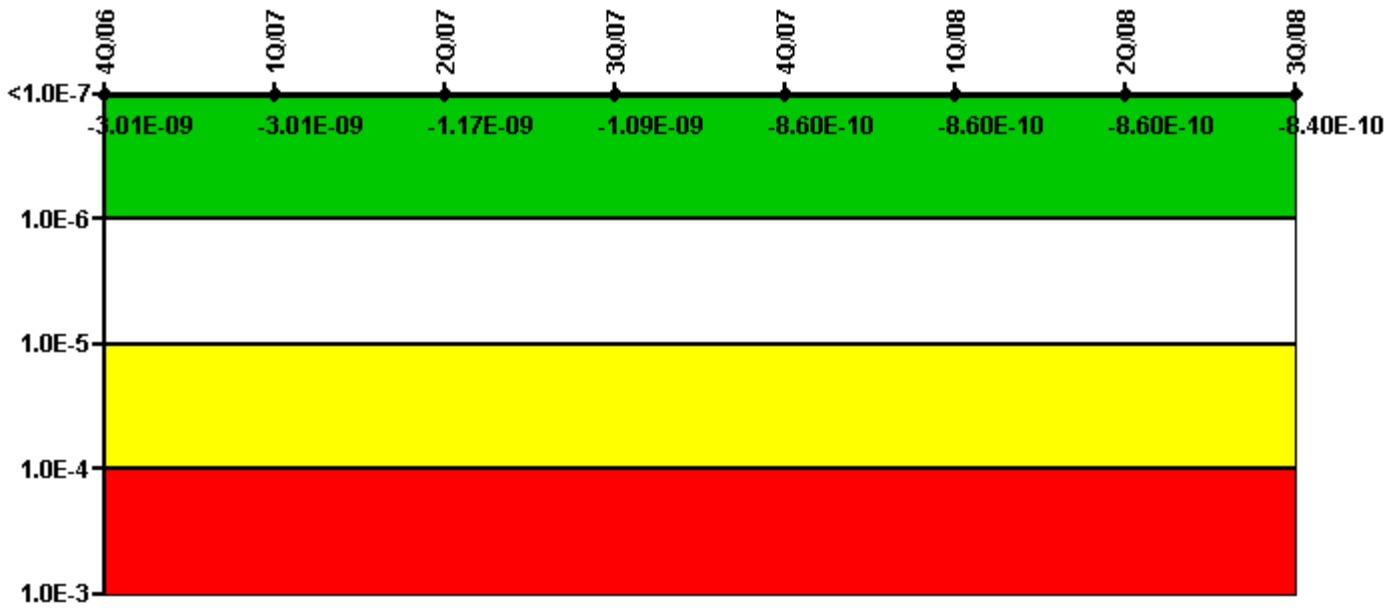
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -6.00E-08 | -6.00E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 |
| URI (Δ CDF) | -1.50E-07 | -1.50E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.10E-07 | -2.10E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



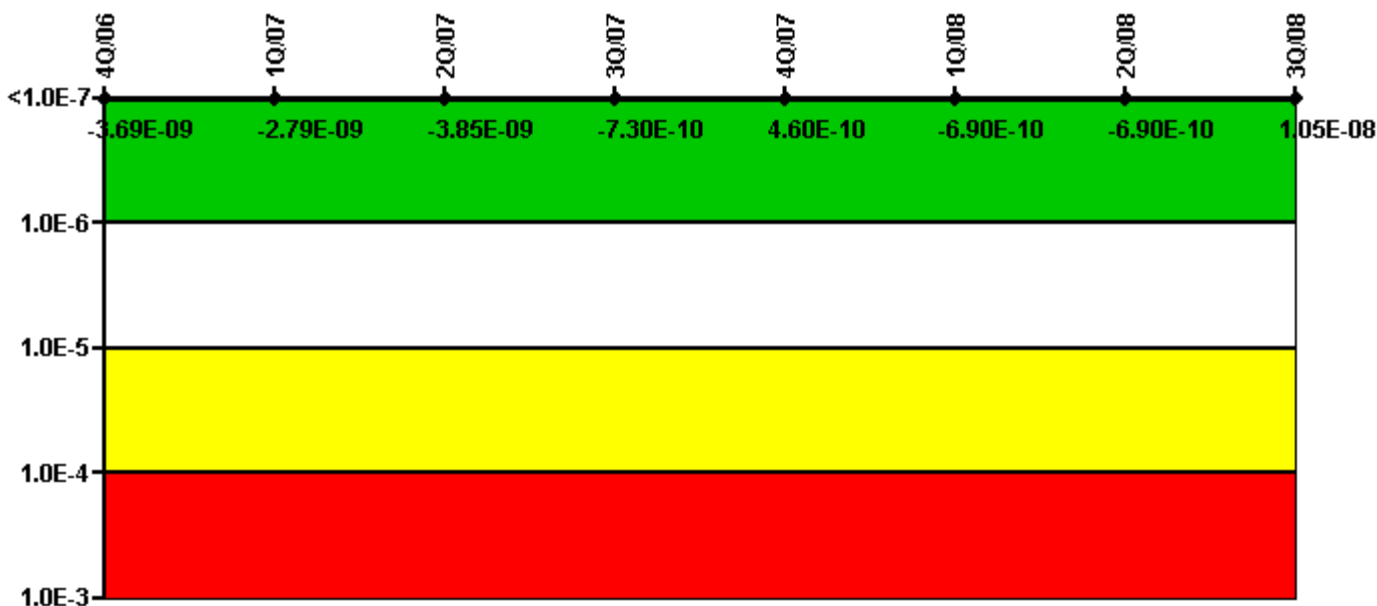
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -8.10E-10 | -8.10E-10 | -2.00E-10 | -1.20E-10 | 1.00E-10 | 1.00E-10 | 1.00E-10 | 1.20E-10 |
| URI (Δ CDF) | -2.20E-09 | -2.20E-09 | -9.70E-10 | -9.70E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.01E-09 | -3.01E-09 | -1.17E-09 | -1.09E-09 | -8.60E-10 | -8.60E-10 | -8.60E-10 | -8.40E-10 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



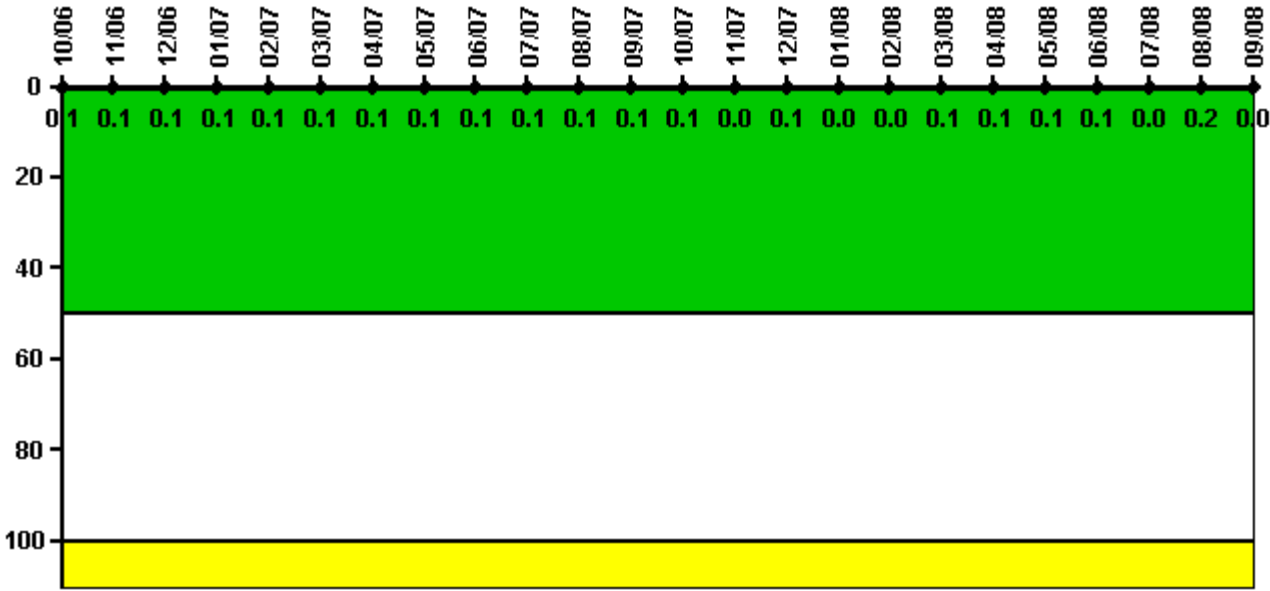
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -9.30E-11 | 8.10E-10 | -1.50E-10 | -1.60E-10 | 9.70E-10 | -1.80E-10 | -1.80E-10 | 1.10E-08 |
| URI (Δ CDF) | -3.60E-09 | -3.60E-09 | -3.70E-09 | -5.70E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.69E-09 | -2.79E-09 | -3.85E-09 | -7.30E-10 | 4.60E-10 | -6.90E-10 | -6.90E-10 | 1.05E-08 |

Licensee Comments: none

Reactor Coolant System Activity



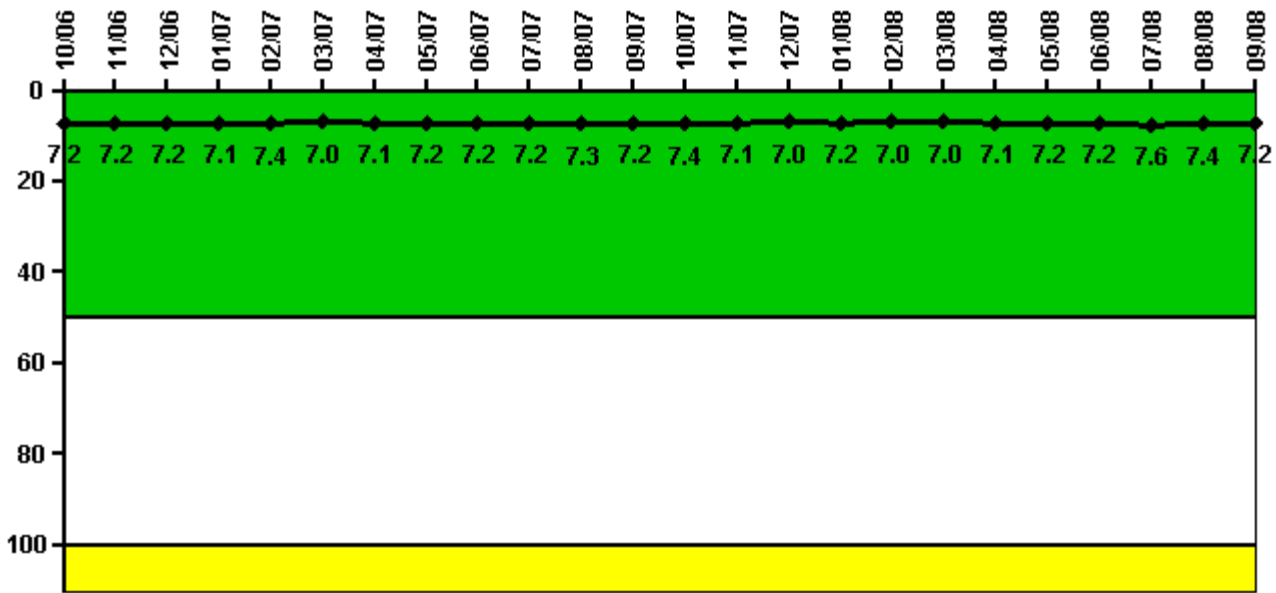
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000192 | 0.000204 | 0.000198 | 0.000143 | 0.000122 | 0.000125 | 0.000131 | 0.000145 | 0.000146 | 0.000187 | 0.000142 | 0.000122 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 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 | 0.000133 | 0.000094 | 0.000155 | 0.000066 | 0.000070 | 0.000131 | 0.000223 | 0.000114 | 0.000184 | 0.000085 | 0.000378 | 0.000068 |
| 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 | 0.1 | 0 | 0.1 | 0 | 0 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.2 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



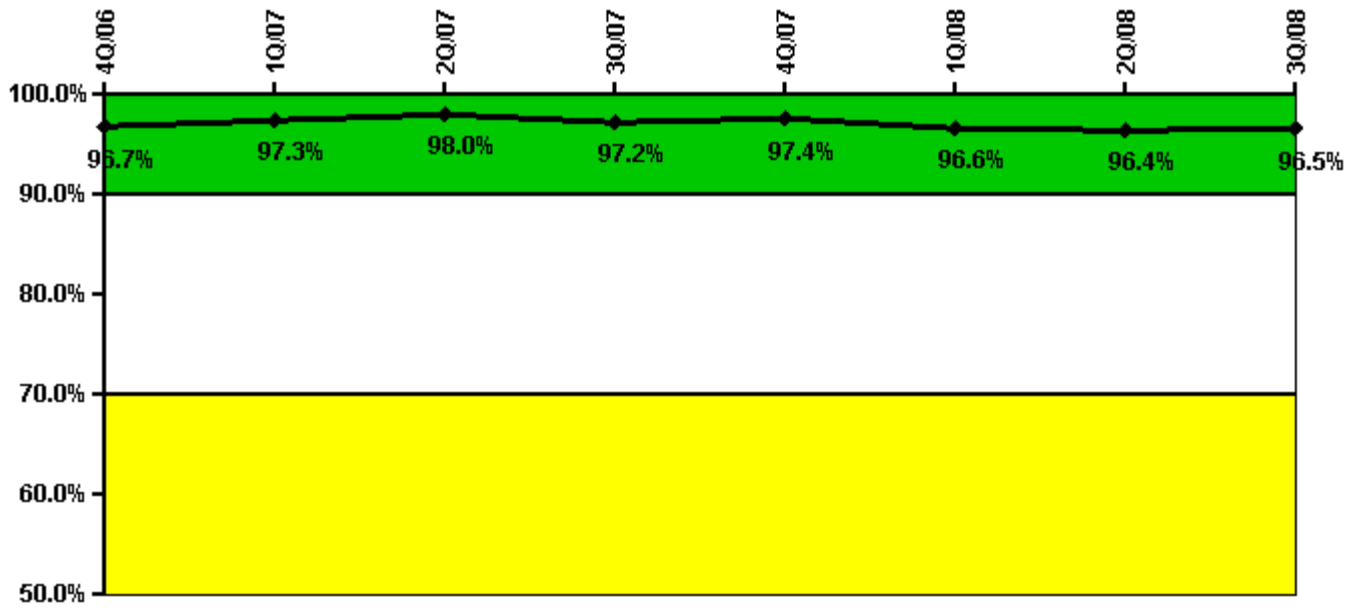
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 10/06 | 11/06 | 12/06 | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.810 | 1.790 | 1.790 | 1.780 | 1.840 | 1.750 | 1.780 | 1.790 | 1.800 | 1.790 | 1.820 | 1.800 |
| 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 | 7.2 | 7.2 | 7.2 | 7.1 | 7.4 | 7.0 | 7.1 | 7.2 | 7.2 | 7.2 | 7.3 | 7.2 |
| 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 | 1.850 | 1.780 | 1.750 | 1.790 | 1.740 | 1.750 | 1.780 | 1.800 | 1.800 | 1.890 | 1.850 | 1.810 |
| 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 | 7.4 | 7.1 | 7.0 | 7.2 | 7.0 | 7.0 | 7.1 | 7.2 | 7.2 | 7.6 | 7.4 | 7.2 |

Licensee Comments: none

Drill/Exercise Performance



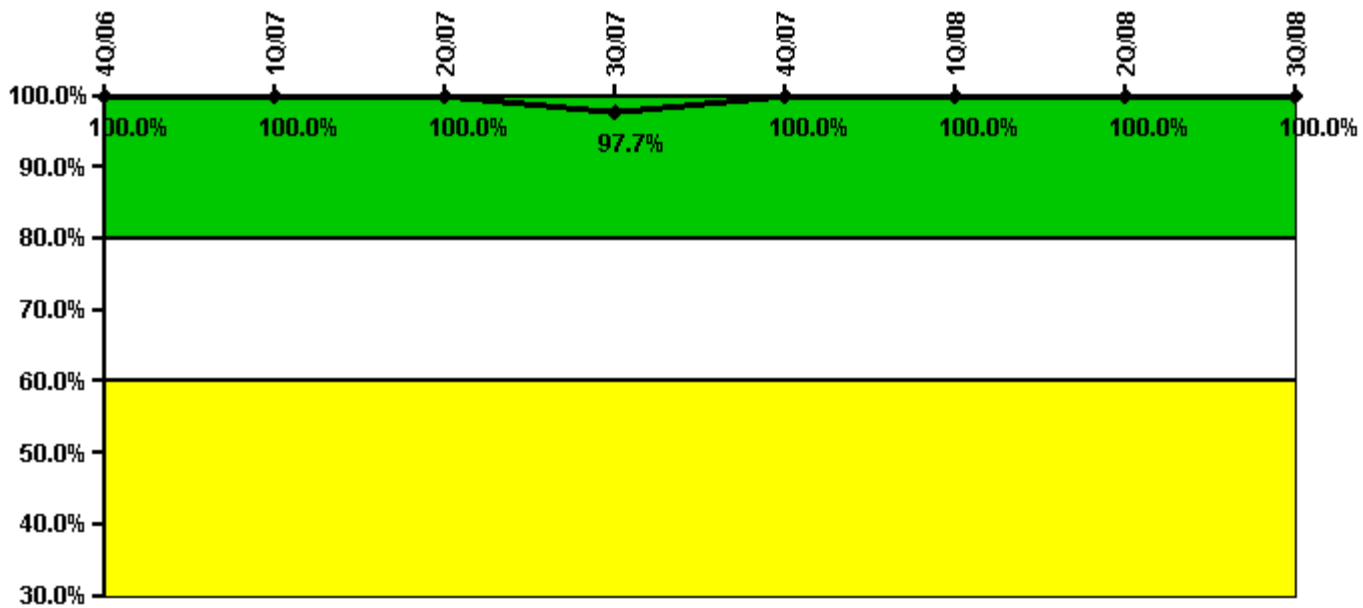
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 24.0 | 145.0 | 28.0 | 34.0 | 24.0 | 59.0 | 82.0 | 22.0 |
| Total opportunities | 24.0 | 148.0 | 30.0 | 38.0 | 24.0 | 63.0 | 84.0 | 22.0 |
| | | | | | | | | |
| Indicator value | 96.7% | 97.3% | 98.0% | 97.2% | 97.4% | 96.6% | 96.4% | 96.5% |

Licensee Comments: none

ERO Drill Participation



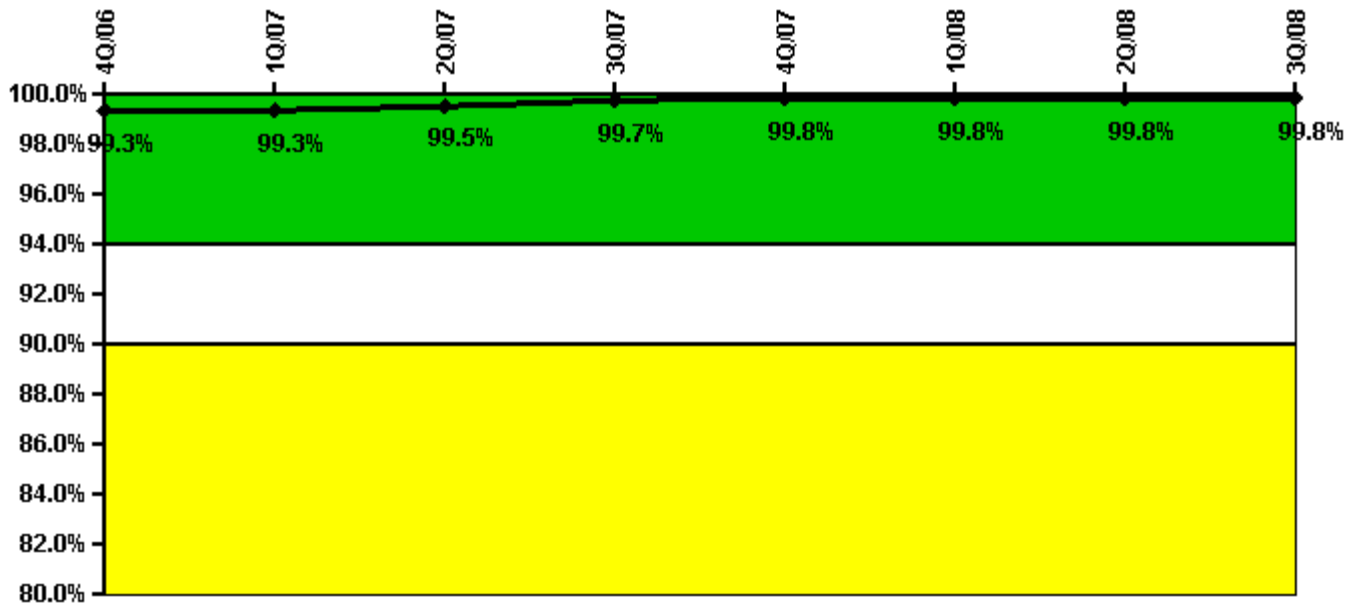
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|-----------------------------|--------|--------|--------|-------|--------|--------|--------|--------|
| Participating Key personnel | 82.0 | 84.0 | 79.0 | 84.0 | 85.0 | 75.0 | 75.0 | 72.0 |
| Total Key personnel | 82.0 | 84.0 | 79.0 | 86.0 | 85.0 | 75.0 | 75.0 | 72.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 97.7% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



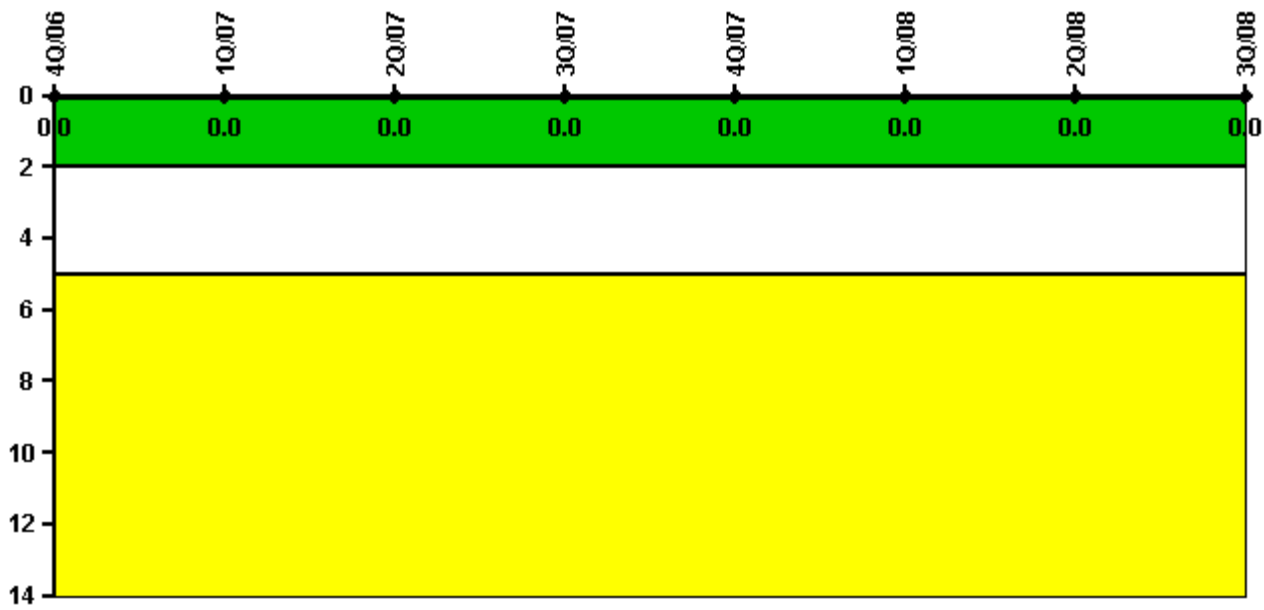
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1257 | 1256 | 1258 | 1258 | 1261 | 1258 | 1255 | 1259 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.3% | 99.3% | 99.5% | 99.7% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



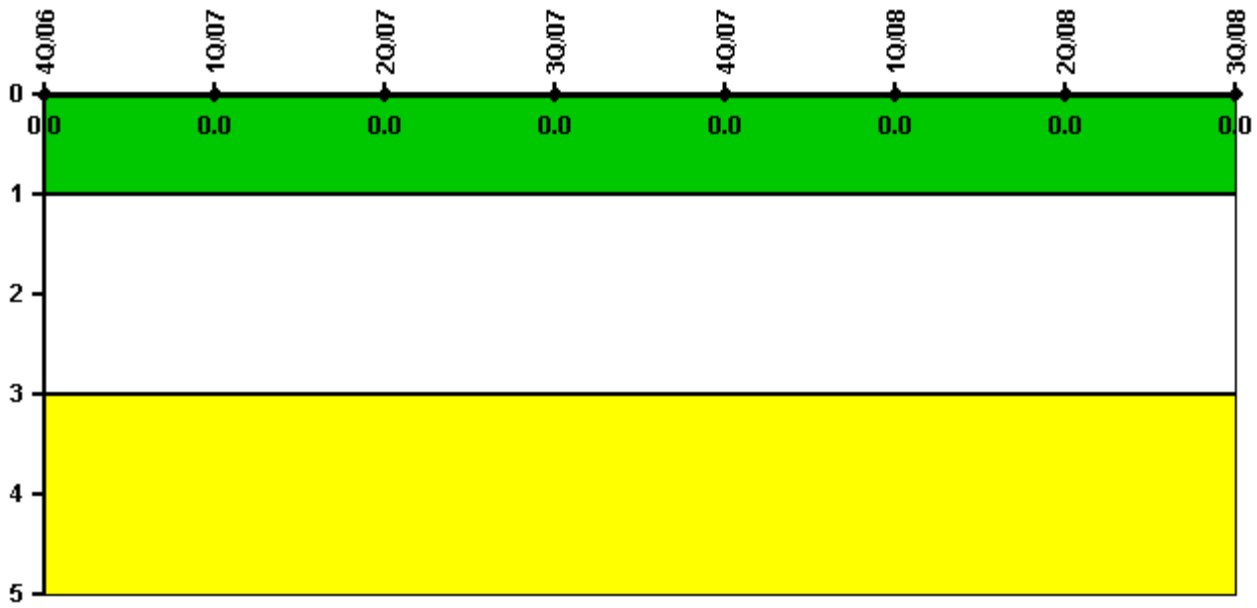
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/06 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

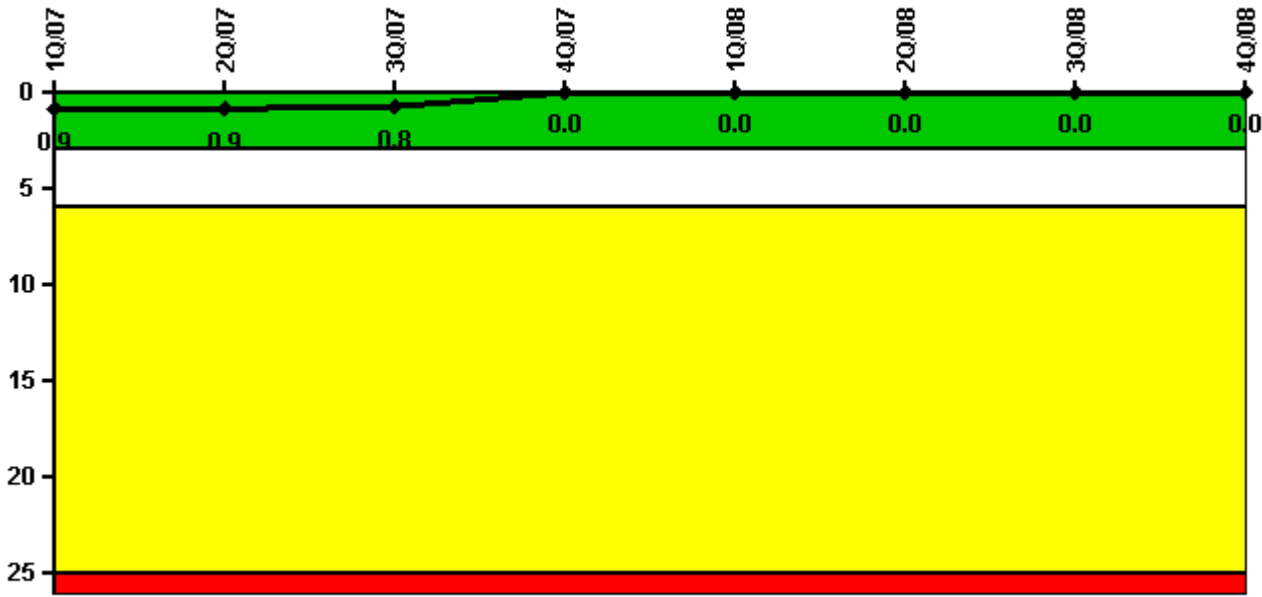
[Security](#) information not publicly available.

Peach Bottom 2

4Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



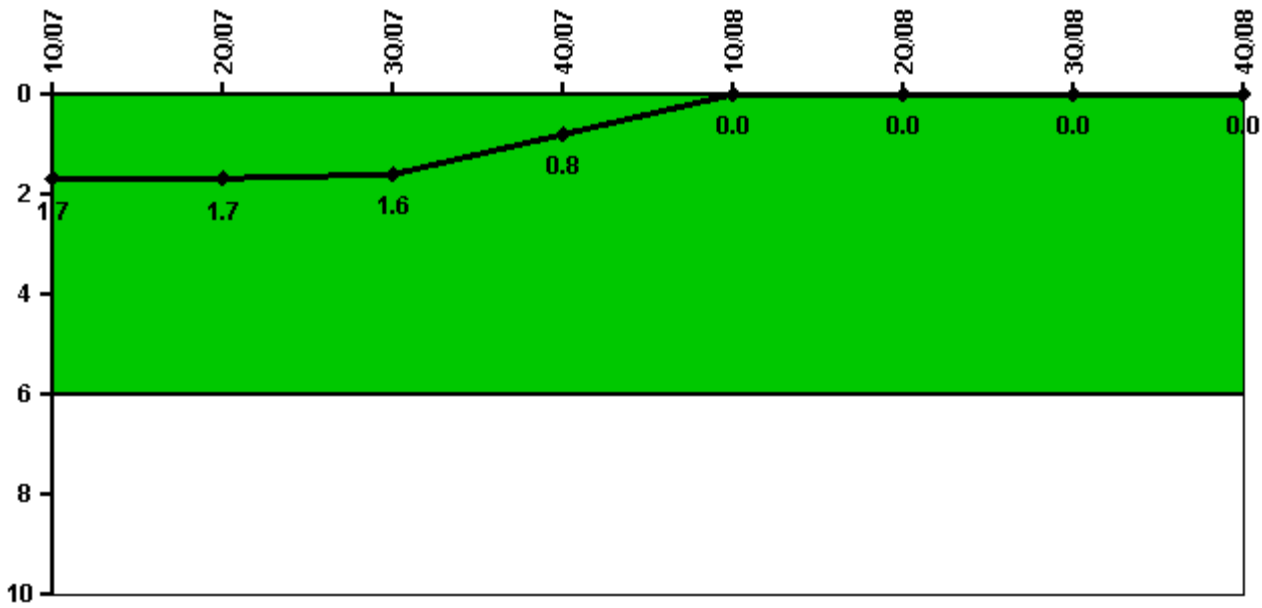
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1822.4 | 1770.8 |
| Indicator value | 0.9 | 0.9 | 0.8 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



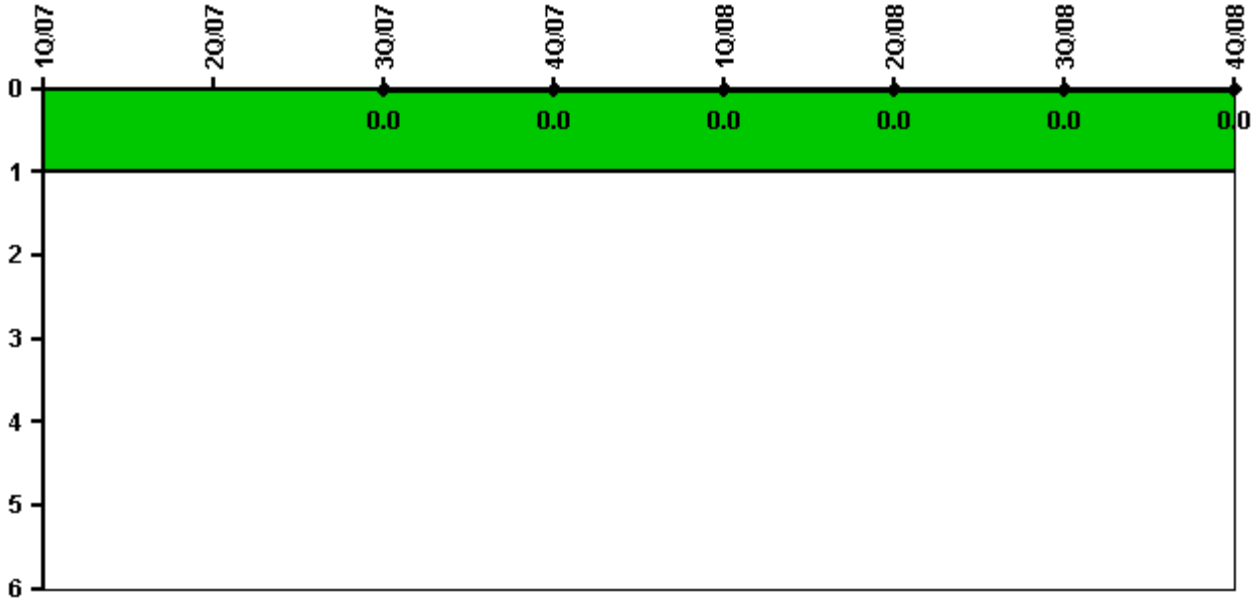
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1822.4 | 1770.8 |
| Indicator value | 1.7 | 1.7 | 1.6 | 0.8 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



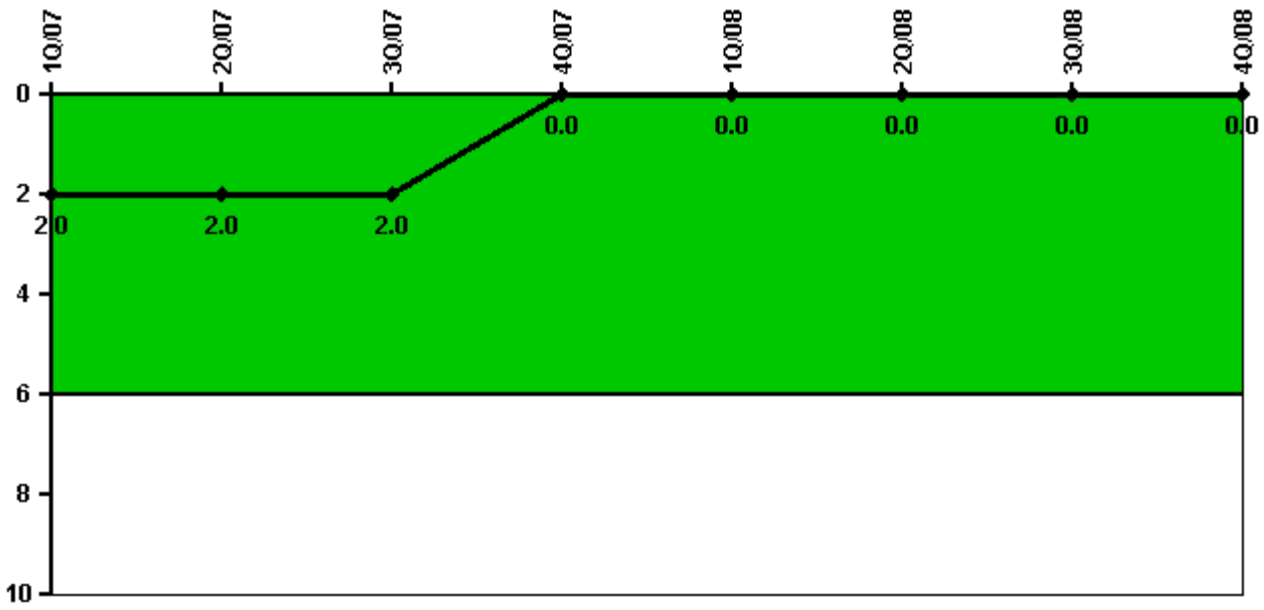
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|-------------------------------------|-------|-------|------------|------------|------------|------------|------------|------------|
| 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 |

Licensee Comments: none

Safety System Functional Failures (BWR)



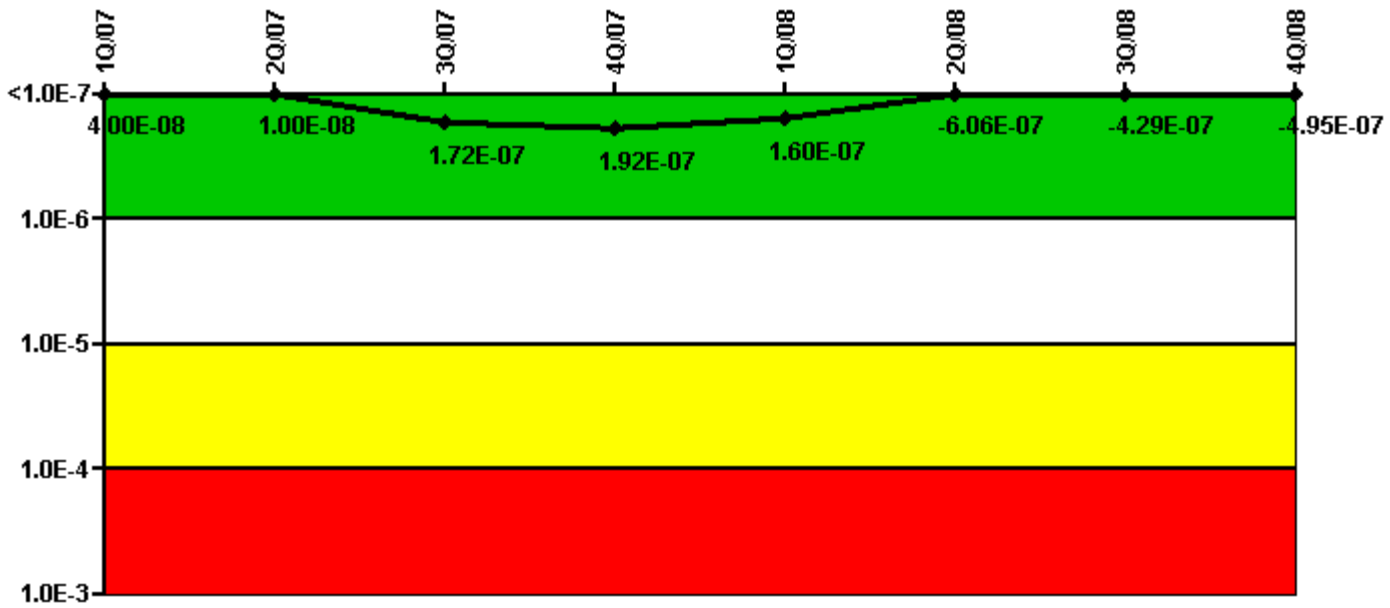
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



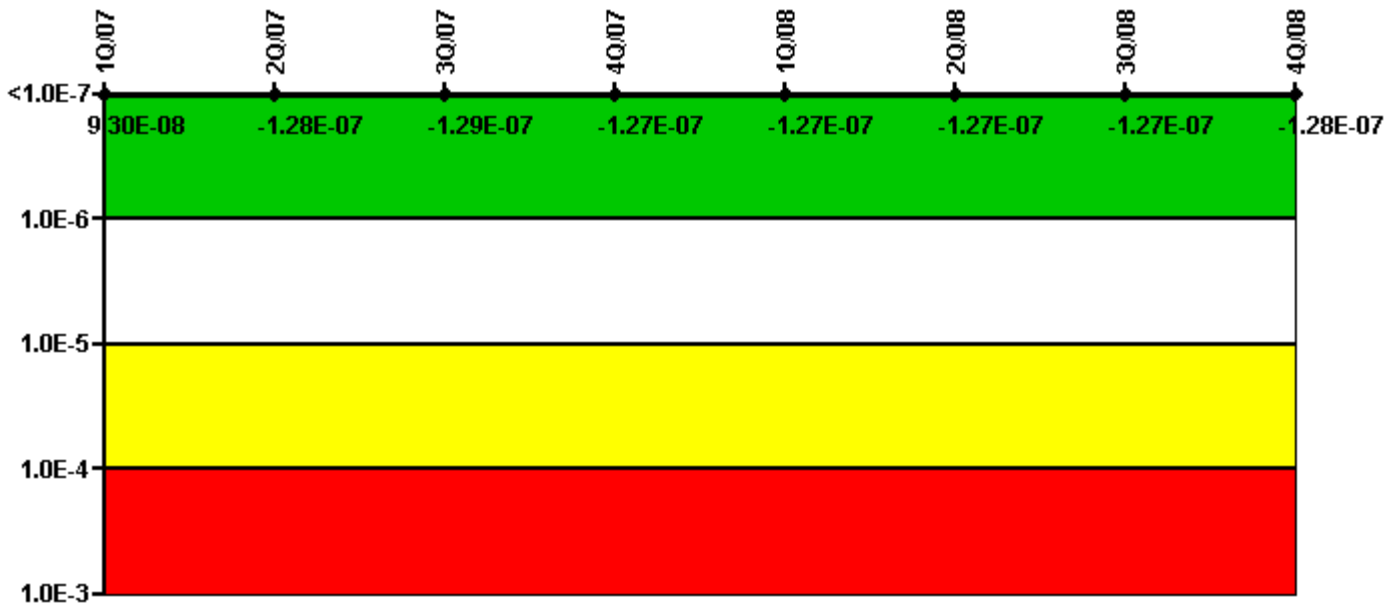
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|---|-----------|-----------|----------|----------|----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 2.10E-07 | 1.30E-07 | 1.00E-07 | 1.00E-07 | 2.00E-08 | 4.40E-08 | 7.10E-08 | -4.60E-09 |
| URI (ΔCDF) | -1.70E-07 | -1.20E-07 | 7.20E-08 | 9.20E-08 | 1.40E-07 | -6.50E-07 | -5.00E-07 | -4.90E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 4.00E-08 | 1.00E-08 | 1.72E-07 | 1.92E-07 | 1.60E-07 | -6.06E-07 | -4.29E-07 | -4.95E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



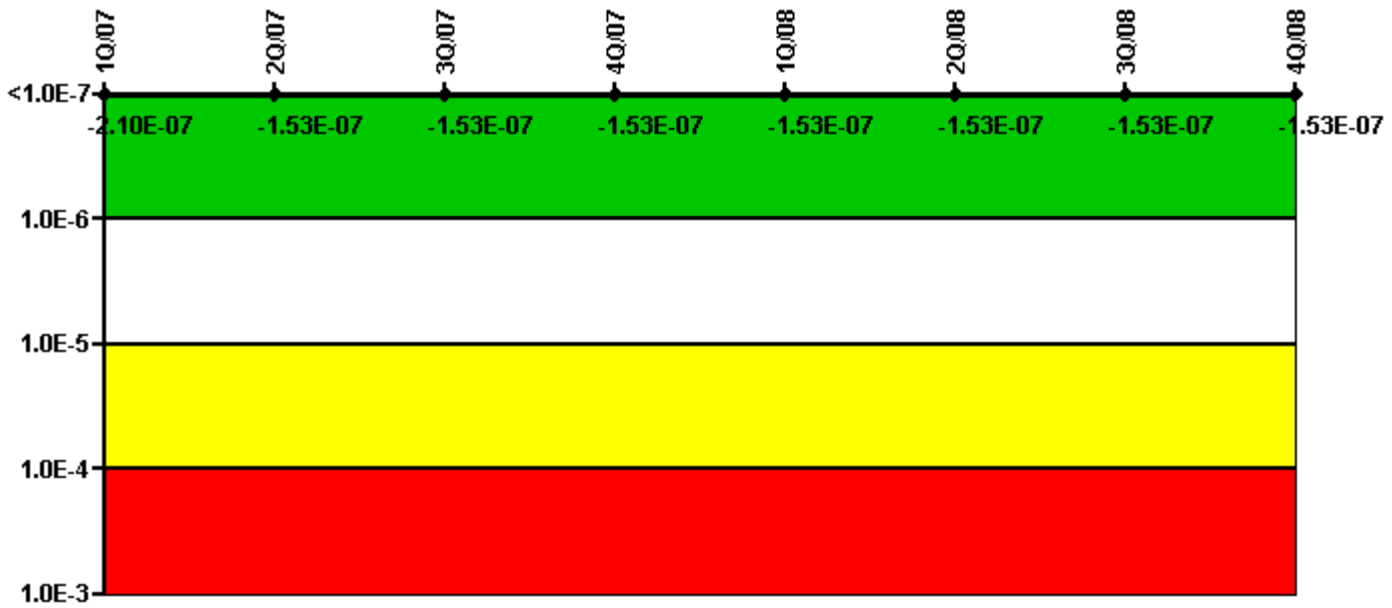
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|--|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 3.90E-08 | -3.80E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -4.00E-08 |
| URI (Δ CDF) | 5.40E-08 | -9.00E-08 | -9.00E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 9.30E-08 | -1.28E-07 | -1.29E-07 | -1.27E-07 | -1.27E-07 | -1.27E-07 | -1.27E-07 | -1.28E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



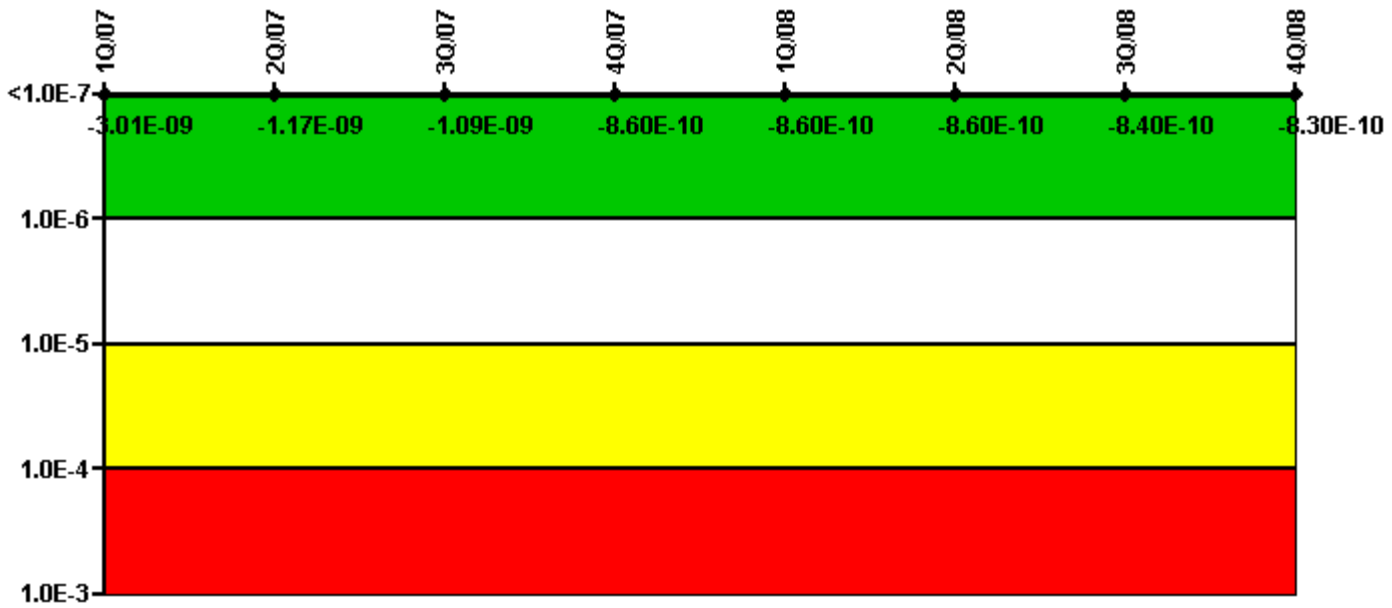
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -6.00E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 |
| URI (Δ CDF) | -1.50E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.10E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



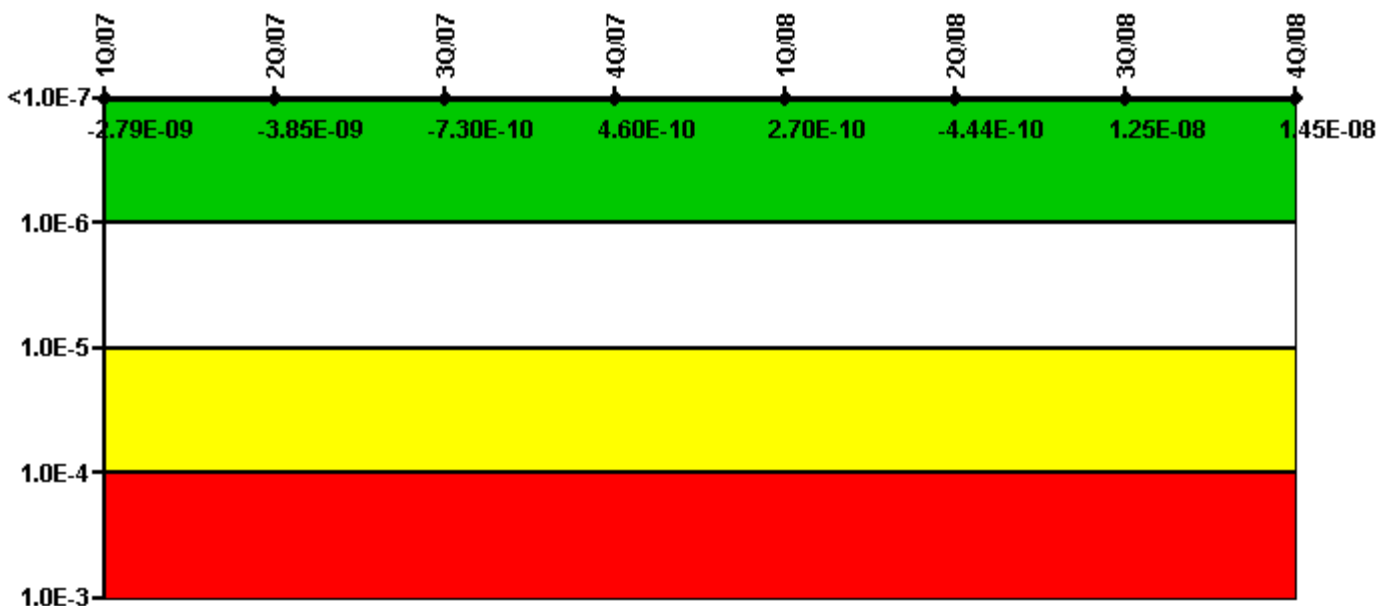
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -8.10E-10 | -2.00E-10 | -1.20E-10 | 1.00E-10 | 1.00E-10 | 1.00E-10 | 1.20E-10 | 1.30E-10 |
| URI (Δ CDF) | -2.20E-09 | -9.70E-10 | -9.70E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.01E-09 | -1.17E-09 | -1.09E-09 | -8.60E-10 | -8.60E-10 | -8.60E-10 | -8.40E-10 | -8.30E-10 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



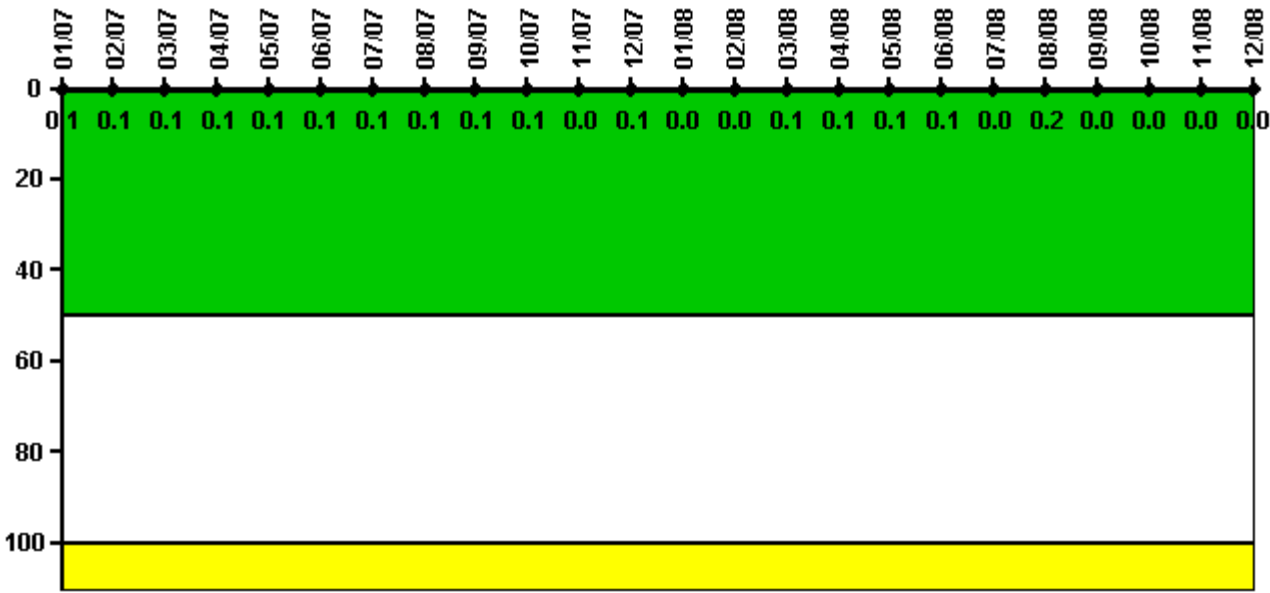
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 8.10E-10 | -1.50E-10 | -1.60E-10 | 9.70E-10 | 7.80E-10 | 6.60E-11 | 1.30E-08 | 1.50E-08 |
| URI (Δ CDF) | -3.60E-09 | -3.70E-09 | -5.70E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.79E-09 | -3.85E-09 | -7.30E-10 | 4.60E-10 | 2.70E-10 | -4.44E-10 | 1.25E-08 | 1.45E-08 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

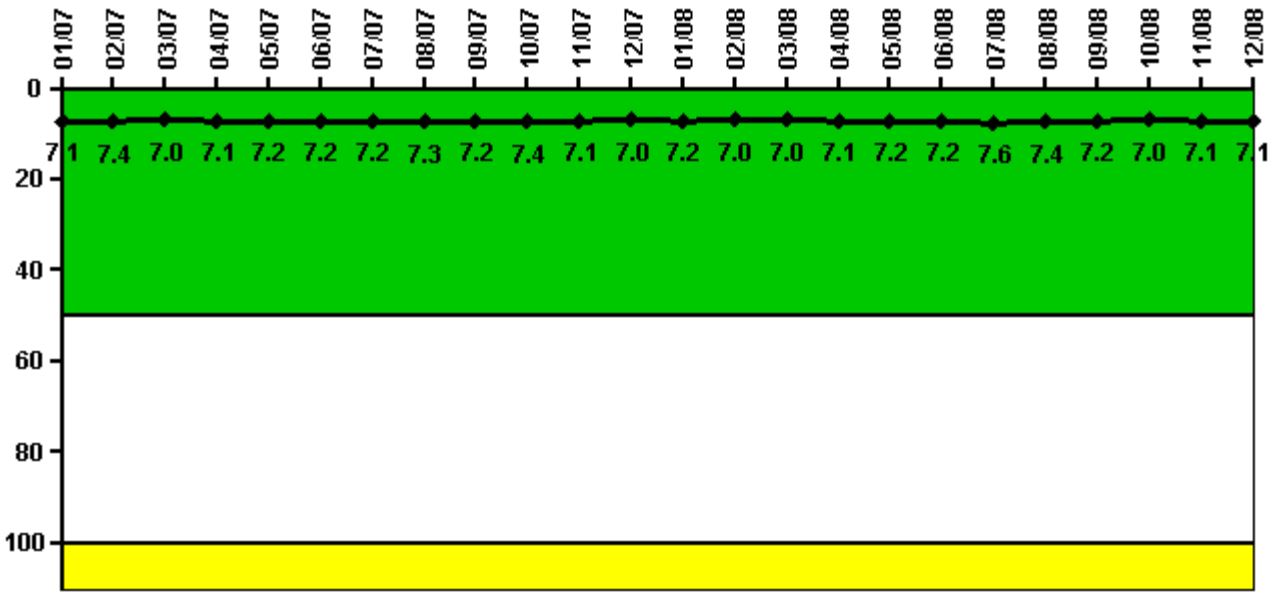
Notes

| Reactor Coolant System Activity | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000143 | 0.000122 | 0.000125 | 0.000131 | 0.000145 | 0.000146 | 0.000187 | 0.000142 | 0.000122 | 0.000133 | 0.000094 | 0.000155 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.1 |

| Reactor Coolant System Activity | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000066 | 0.000070 | 0.000131 | 0.000223 | 0.000114 | 0.000184 | 0.000085 | 0.000378 | 0.000068 | 0.000049 | 0.000050 | 0.000061 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.2 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



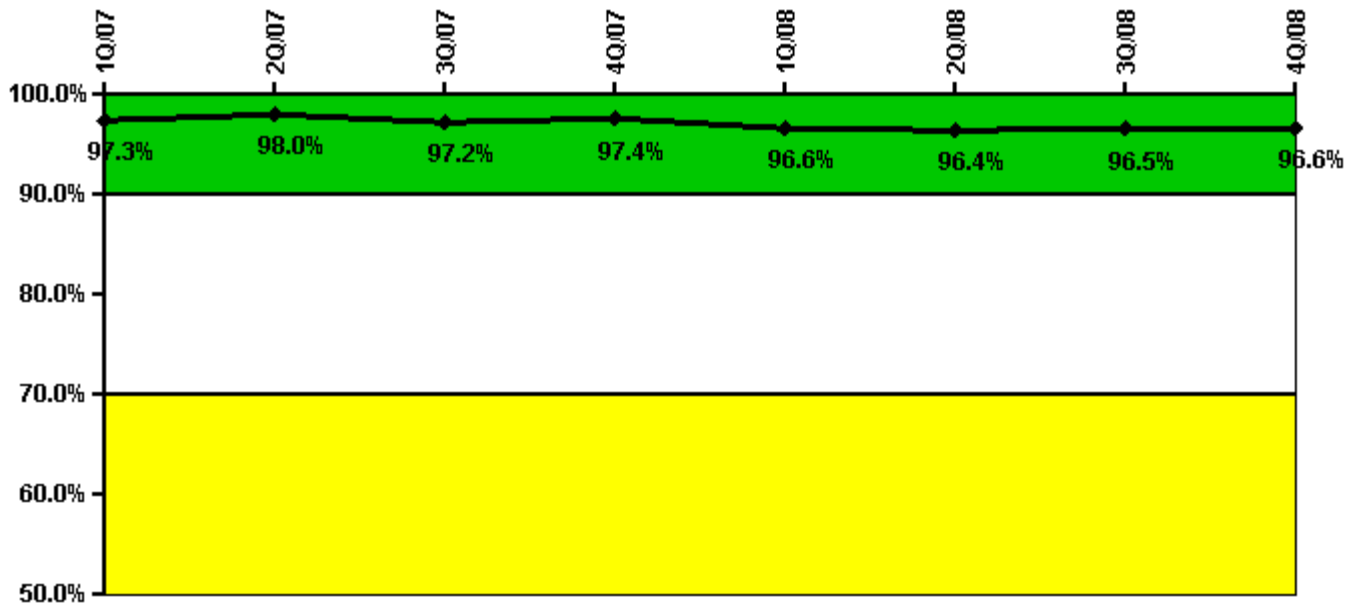
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 1/07 | 2/07 | 3/07 | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.780 | 1.840 | 1.750 | 1.780 | 1.790 | 1.800 | 1.790 | 1.820 | 1.800 | 1.850 | 1.780 | 1.750 |
| 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 | 7.1 | 7.4 | 7.0 | 7.1 | 7.2 | 7.2 | 7.2 | 7.3 | 7.2 | 7.4 | 7.1 | 7.0 |
| Reactor Coolant System Leakage | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 |
| Maximum leakage | 1.790 | 1.740 | 1.750 | 1.780 | 1.800 | 1.800 | 1.890 | 1.850 | 1.810 | 1.750 | 1.780 | 1.780 |
| 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 | 7.2 | 7.0 | 7.0 | 7.1 | 7.2 | 7.2 | 7.6 | 7.4 | 7.2 | 7.0 | 7.1 | 7.1 |

Licensee Comments: none

Drill/Exercise Performance



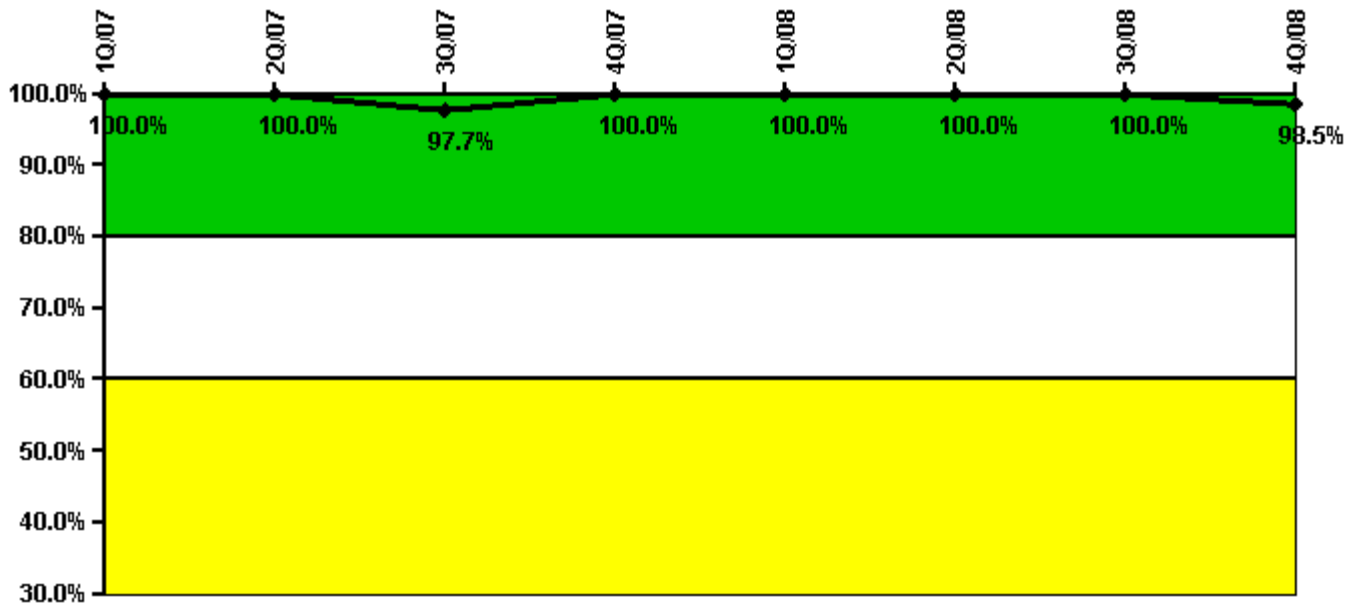
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 145.0 | 28.0 | 34.0 | 24.0 | 59.0 | 82.0 | 22.0 | 36.0 |
| Total opportunities | 148.0 | 30.0 | 38.0 | 24.0 | 63.0 | 84.0 | 22.0 | 36.0 |
| | | | | | | | | |
| Indicator value | 97.3% | 98.0% | 97.2% | 97.4% | 96.6% | 96.4% | 96.5% | 96.6% |

Licensee Comments: none

ERO Drill Participation



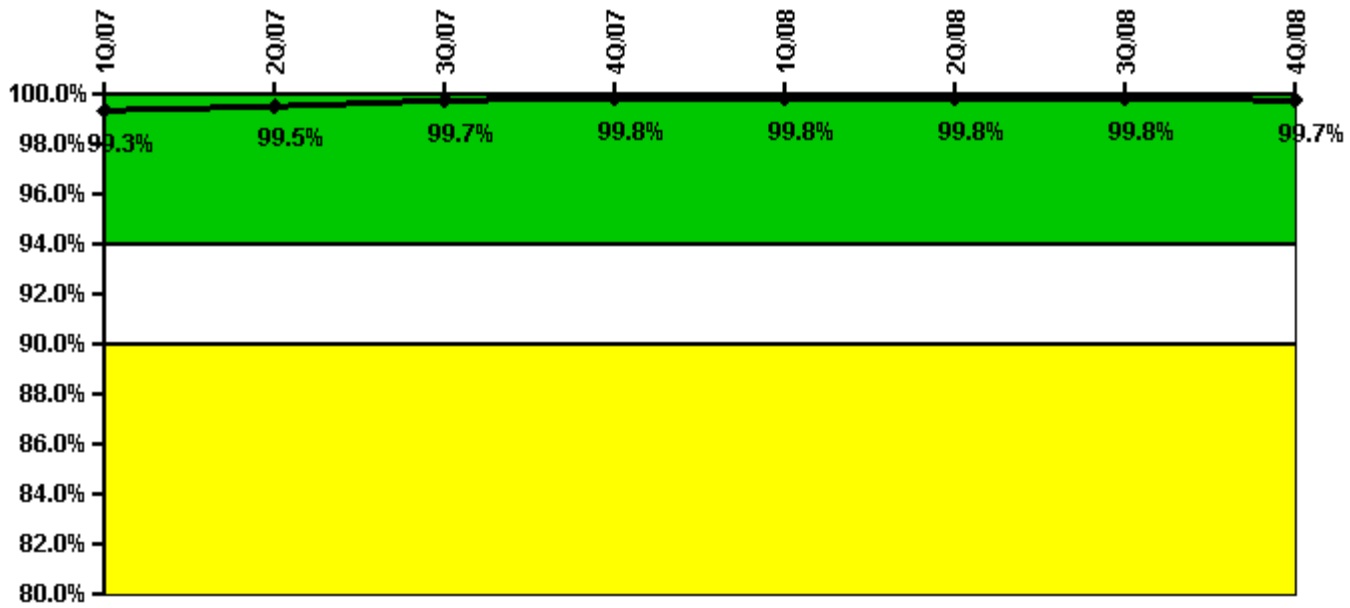
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|-----------------------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|--------------|
| Participating Key personnel | 84.0 | 79.0 | 84.0 | 85.0 | 75.0 | 75.0 | 72.0 | 67.0 |
| Total Key personnel | 84.0 | 79.0 | 86.0 | 85.0 | 75.0 | 75.0 | 72.0 | 68.0 |
| Indicator value | 100.0% | 100.0% | 97.7% | 100.0% | 100.0% | 100.0% | 100.0% | 98.5% |

Licensee Comments: none

Alert & Notification System



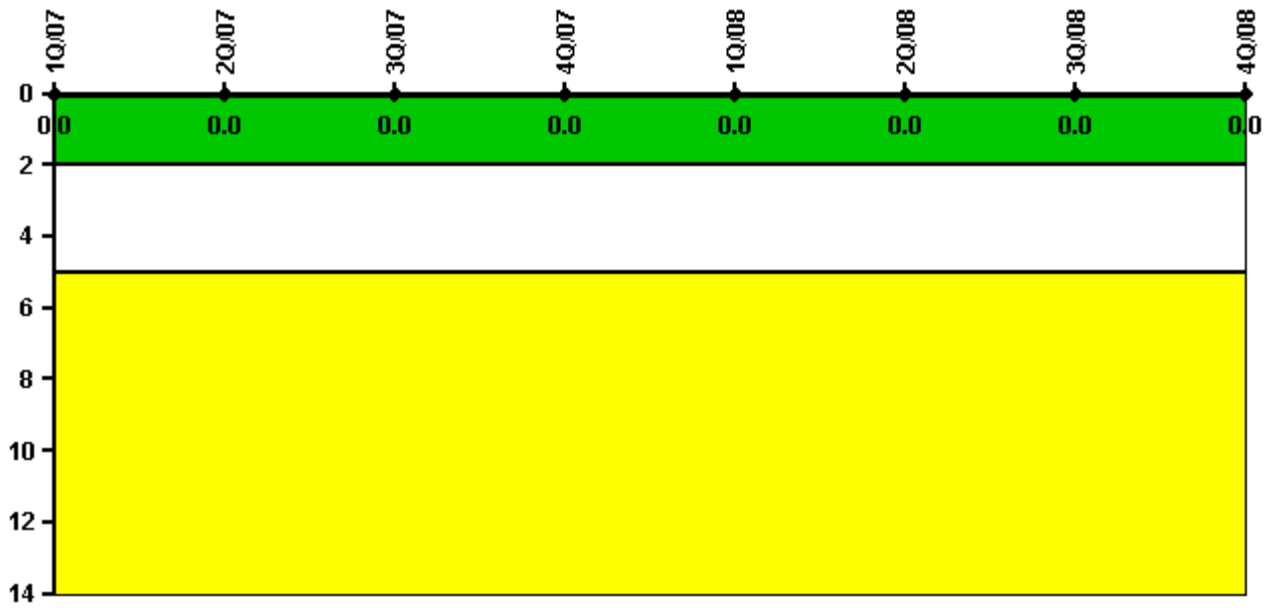
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1256 | 1258 | 1258 | 1261 | 1258 | 1255 | 1259 | 1355 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1358 |
| | | | | | | | | |
| Indicator value | 99.3% | 99.5% | 99.7% | 99.8% | 99.8% | 99.8% | 99.8% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



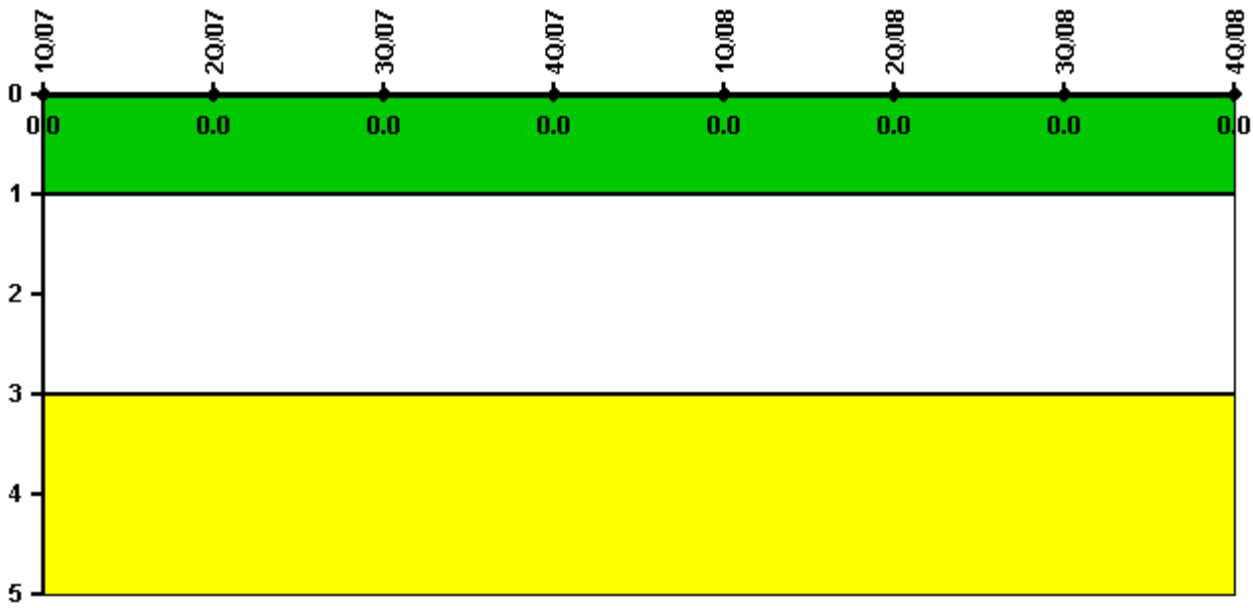
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

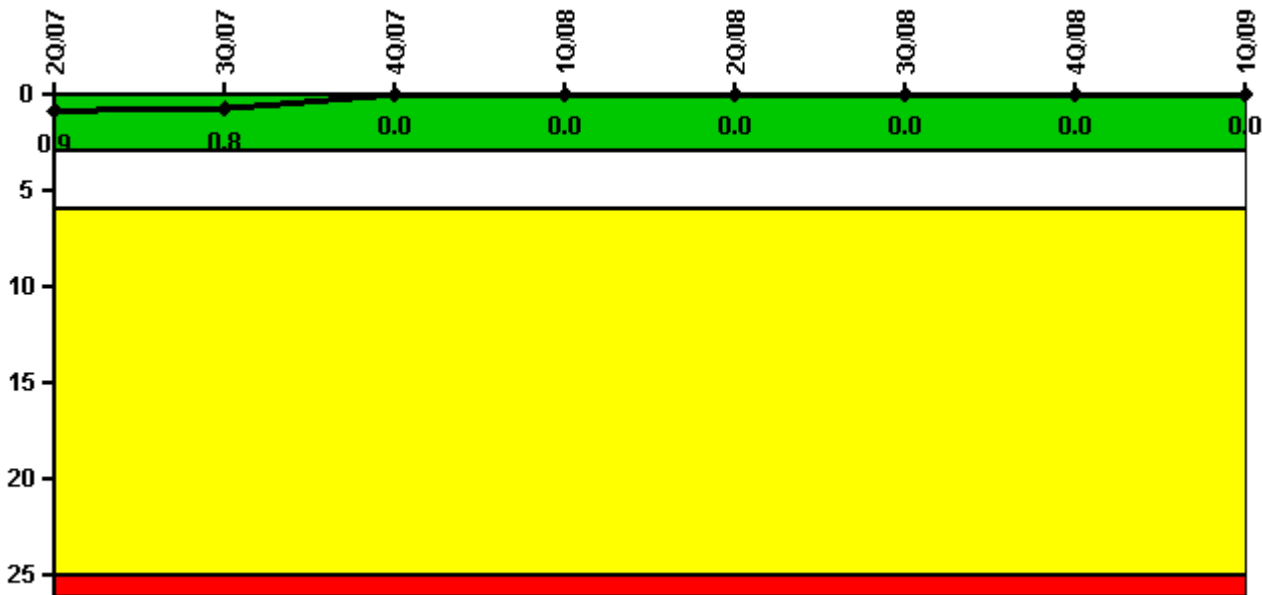
[Security](#) information not publicly available.

Peach Bottom 2

1Q/2009 Performance Indicators

Licensee's General Comments: Revision to previously submitted data for 3Qtr2008. Change does not affect color of the indicator.

Unplanned Scrams per 7000 Critical Hrs



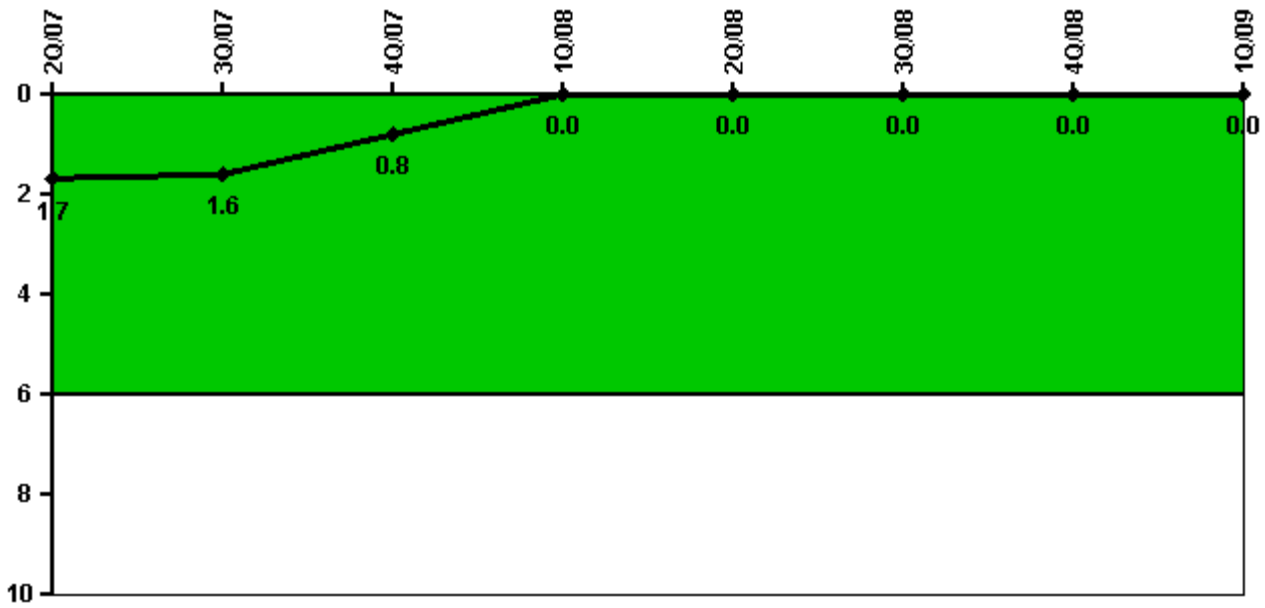
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1822.4 | 1770.8 | 2159.0 |
| Indicator value | 0.9 | 0.8 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



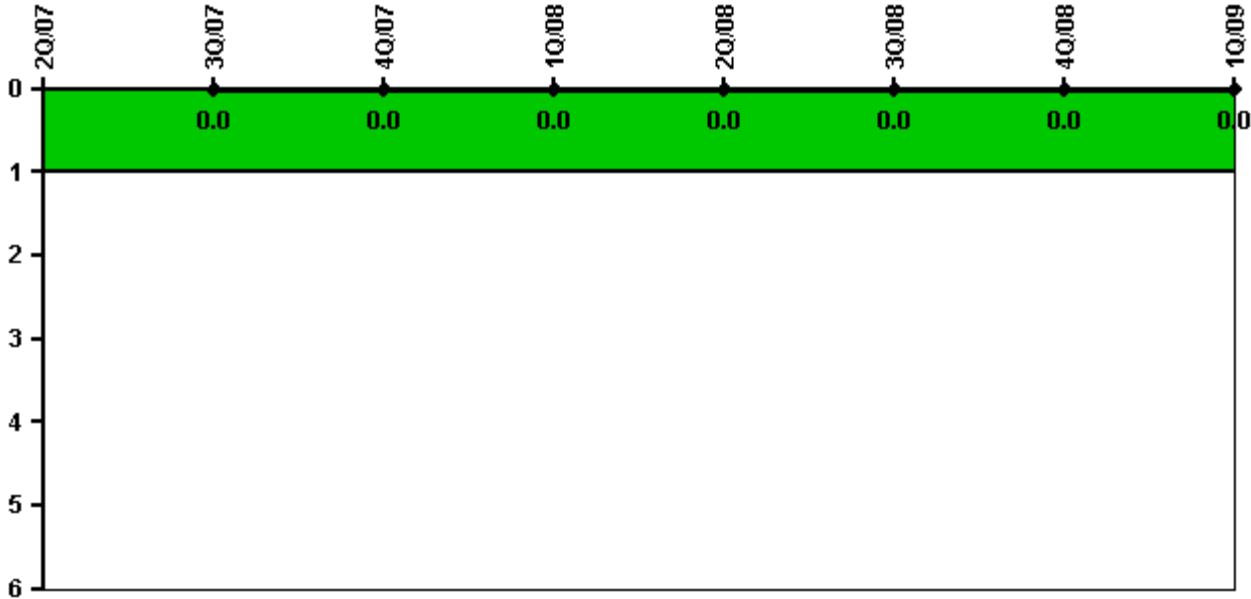
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1822.4 | 1770.8 | 2159.0 |
| Indicator value | 1.7 | 1.6 | 0.8 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



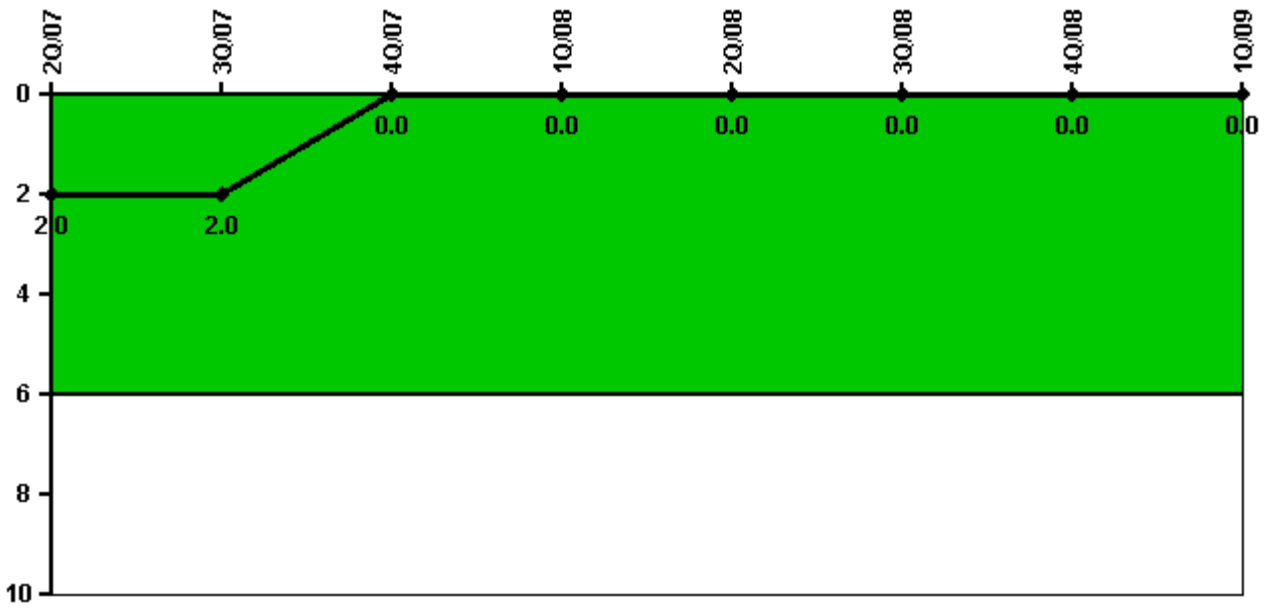
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|-------------------------------------|-------|------------|------------|------------|------------|------------|------------|------------|
| 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 |

Licensee Comments: none

Safety System Functional Failures (BWR)



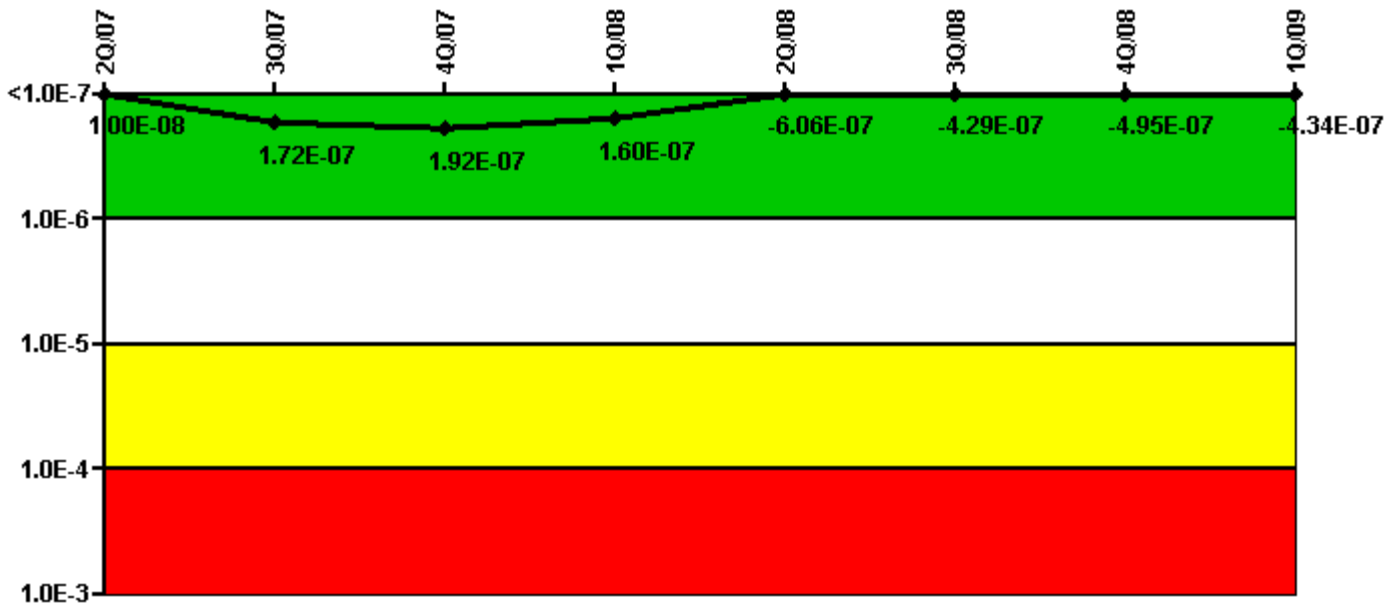
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



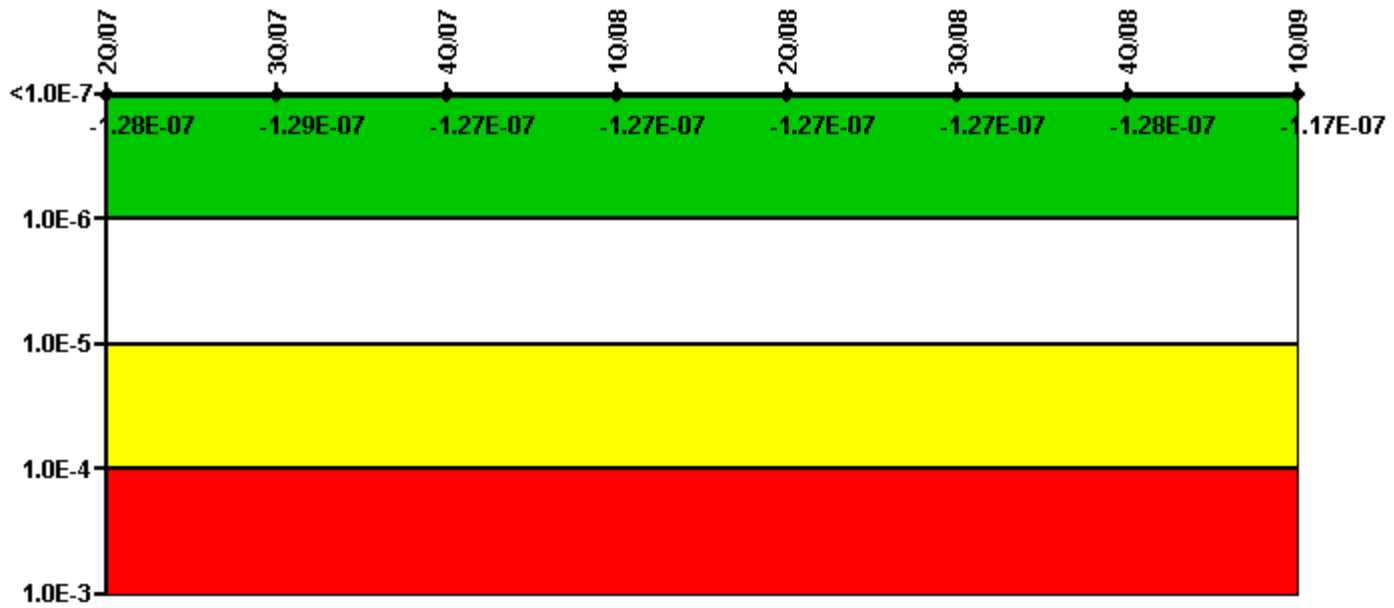
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|---|-----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.30E-07 | 1.00E-07 | 1.00E-07 | 2.00E-08 | 4.40E-08 | 7.10E-08 | -4.60E-09 | 5.60E-08 |
| URI (Δ CDF) | -1.20E-07 | 7.20E-08 | 9.20E-08 | 1.40E-07 | -6.50E-07 | -5.00E-07 | -4.90E-07 | -4.90E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.00E-08 | 1.72E-07 | 1.92E-07 | 1.60E-07 | -6.06E-07 | -4.29E-07 | -4.95E-07 | -4.34E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



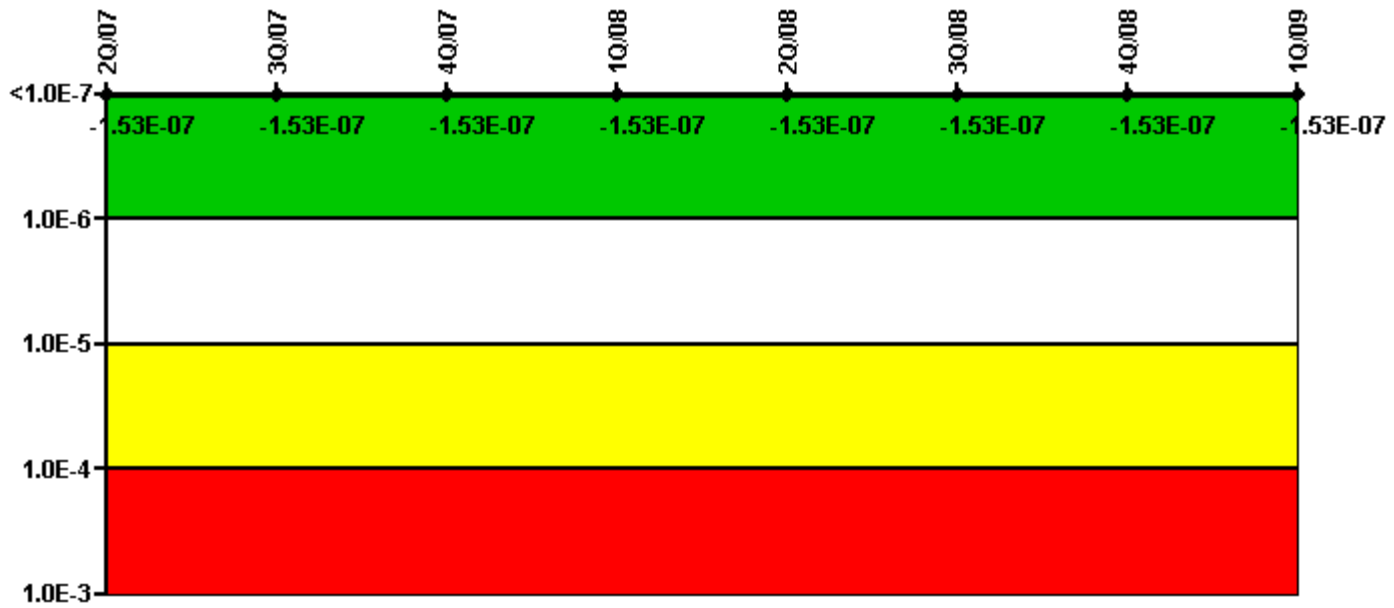
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.80E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -4.00E-08 | -2.90E-08 |
| URI (Δ CDF) | -9.00E-08 | -9.00E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.28E-07 | -1.29E-07 | -1.27E-07 | -1.27E-07 | -1.27E-07 | -1.27E-07 | -1.28E-07 | -1.17E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



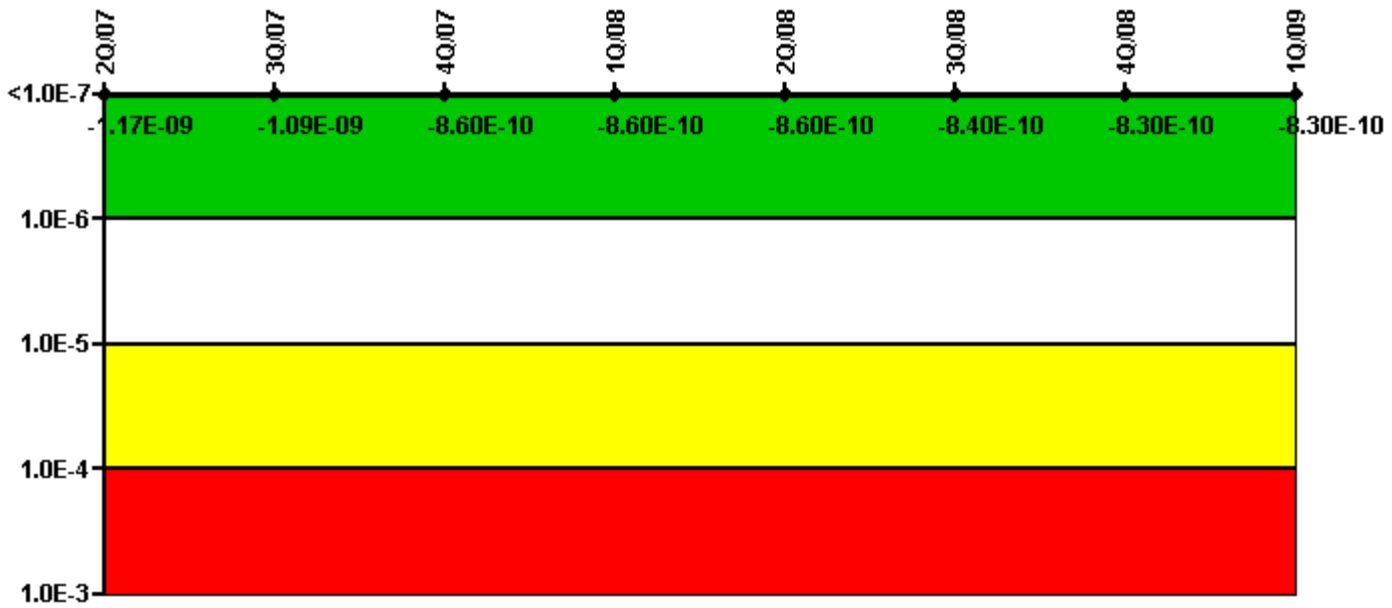
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 |
| URI (Δ CDF) | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



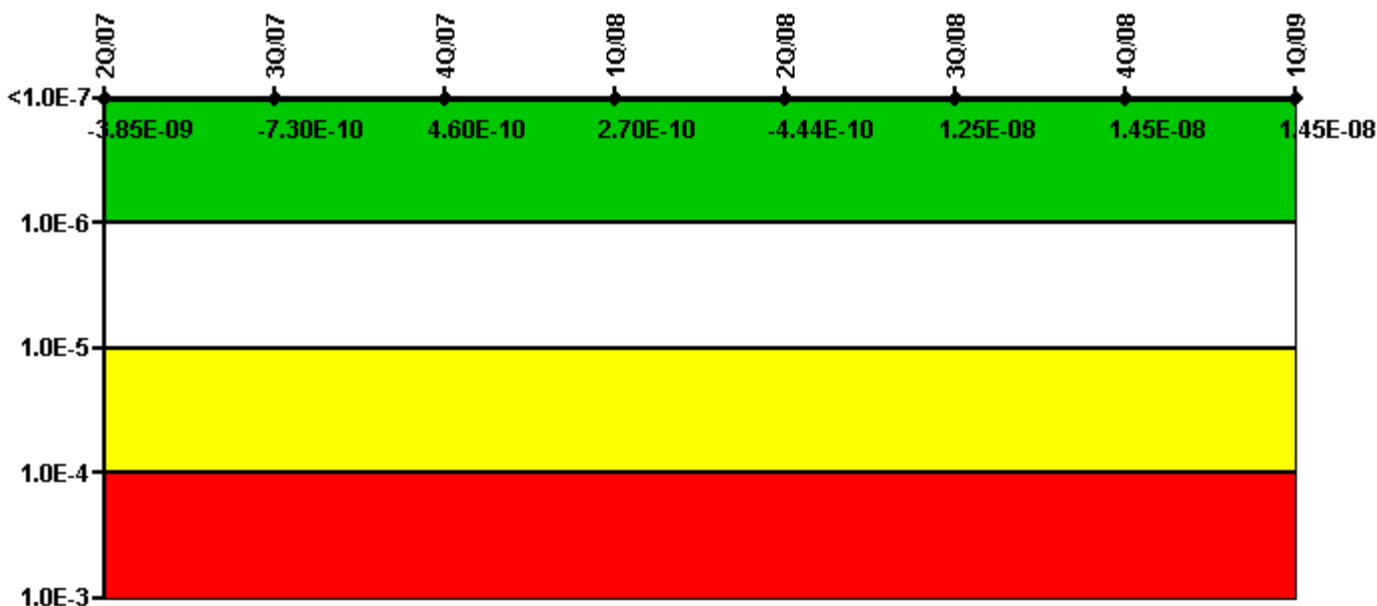
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.00E-10 | -1.20E-10 | 1.00E-10 | 1.00E-10 | 1.00E-10 | 1.20E-10 | 1.30E-10 | 1.30E-10 |
| URI (Δ CDF) | -9.70E-10 | -9.70E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.17E-09 | -1.09E-09 | -8.60E-10 | -8.60E-10 | -8.60E-10 | -8.40E-10 | -8.30E-10 | -8.30E-10 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



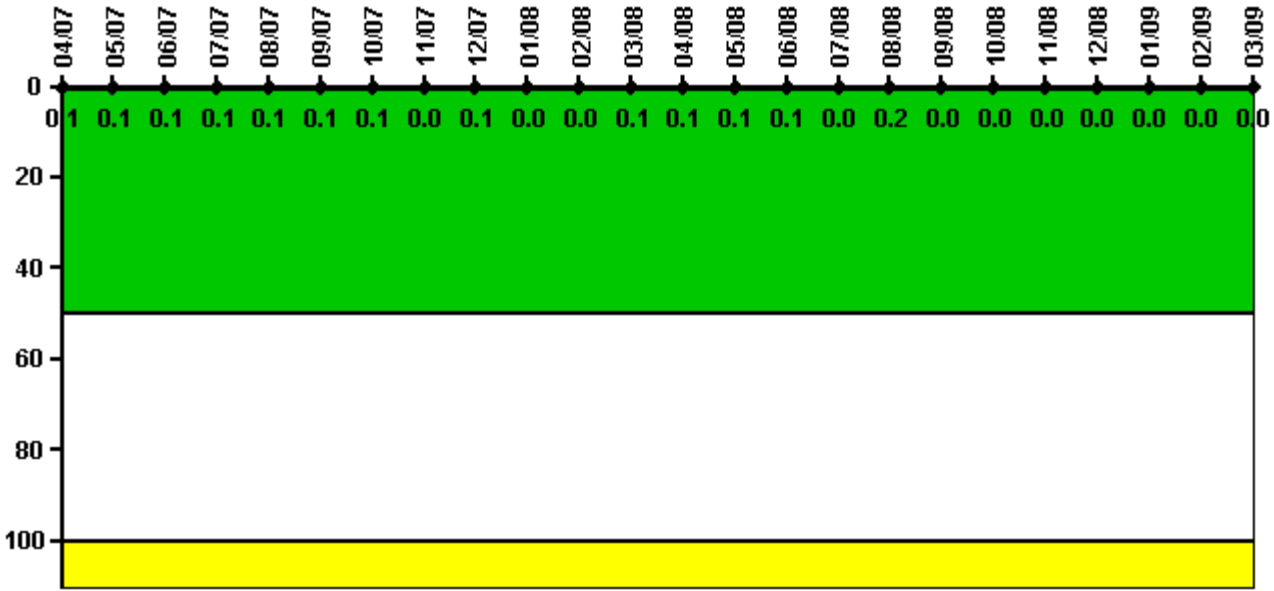
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.50E-10 | -1.60E-10 | 9.70E-10 | 7.80E-10 | 6.60E-11 | 1.30E-08 | 1.50E-08 | 1.50E-08 |
| URI (Δ CDF) | -3.70E-09 | -5.70E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.85E-09 | -7.30E-10 | 4.60E-10 | 2.70E-10 | -4.44E-10 | 1.25E-08 | 1.45E-08 | 1.45E-08 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

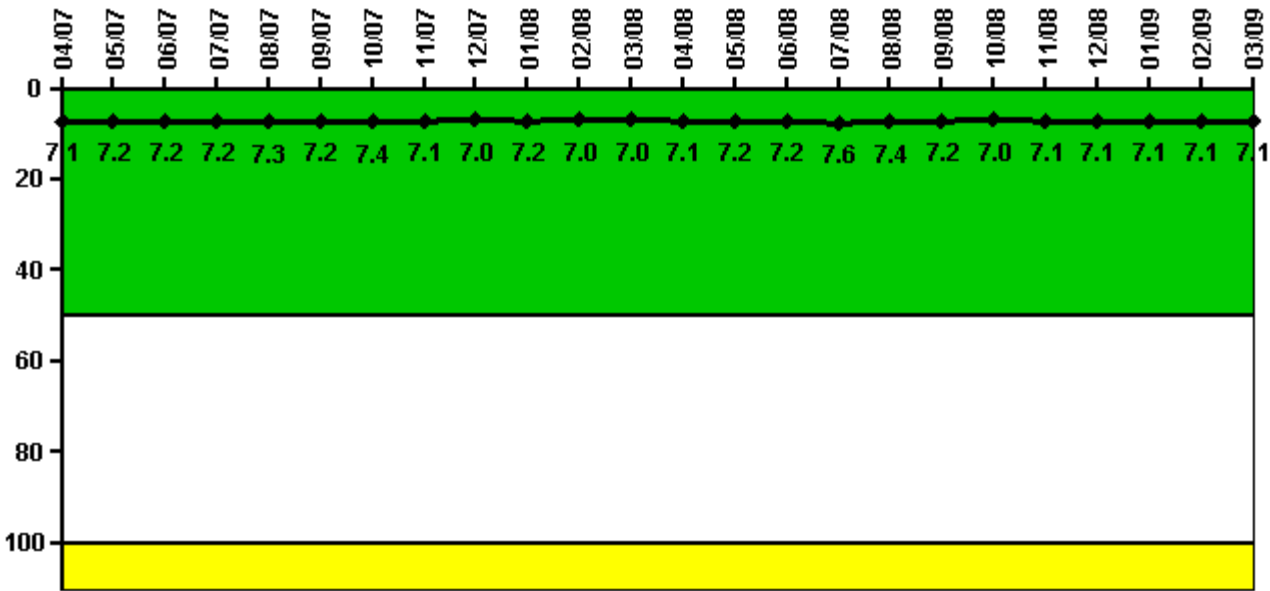
Notes

| Reactor Coolant System Activity | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000131 | 0.000145 | 0.000146 | 0.000187 | 0.000142 | 0.000122 | 0.000133 | 0.000094 | 0.000155 | 0.000066 | 0.000070 | 0.000131 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.1 | 0 | 0 | 0.1 |

| Reactor Coolant System Activity | 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 activity | 0.000223 | 0.000114 | 0.000184 | 0.000085 | 0.000378 | 0.000068 | 0.000049 | 0.000050 | 0.000061 | 0.000047 | 0.000039 | 0.000050 |
| 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 | 0.1 | 0.1 | 0.1 | 0 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

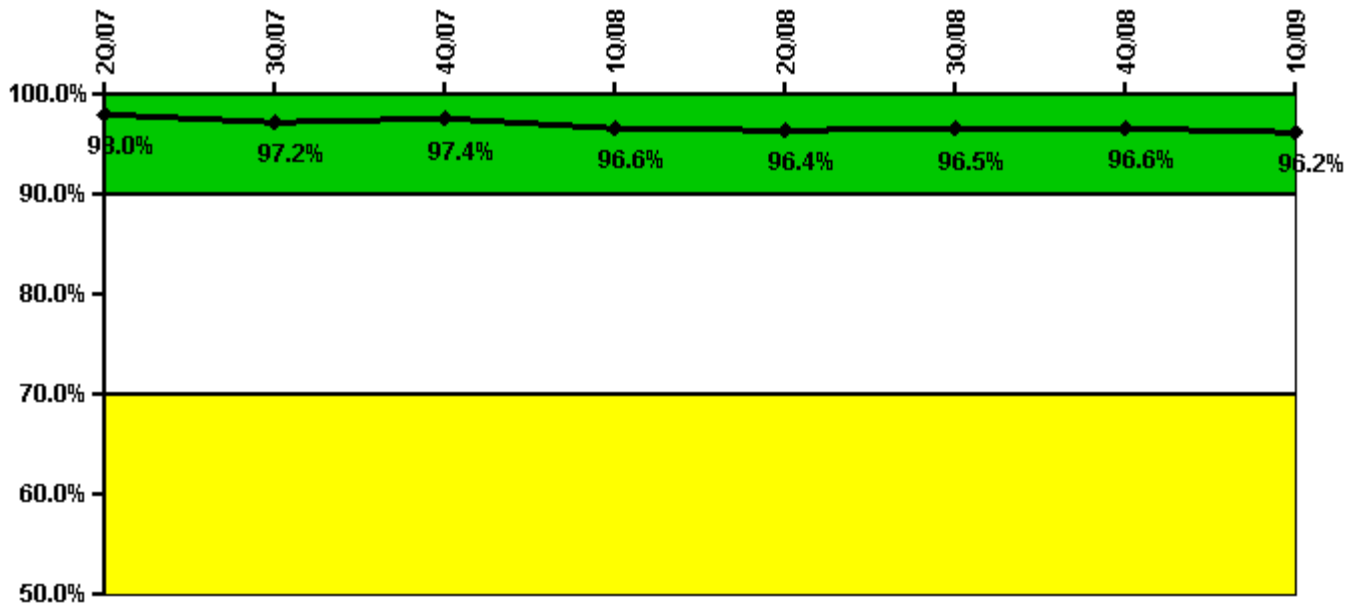
Notes

| Reactor Coolant System Leakage | 4/07 | 5/07 | 6/07 | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.780 | 1.790 | 1.800 | 1.790 | 1.820 | 1.800 | 1.850 | 1.780 | 1.750 | 1.790 | 1.740 | 1.750 |
| 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 | 7.1 | 7.2 | 7.2 | 7.2 | 7.3 | 7.2 | 7.4 | 7.1 | 7.0 | 7.2 | 7.0 | 7.0 |

| 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 | 1.780 | 1.800 | 1.800 | 1.890 | 1.850 | 1.810 | 1.750 | 1.780 | 1.780 | 1.780 | 1.780 | 1.780 |
| 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 | 7.1 | 7.2 | 7.2 | 7.6 | 7.4 | 7.2 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |

Licensee Comments: none

Drill/Exercise Performance



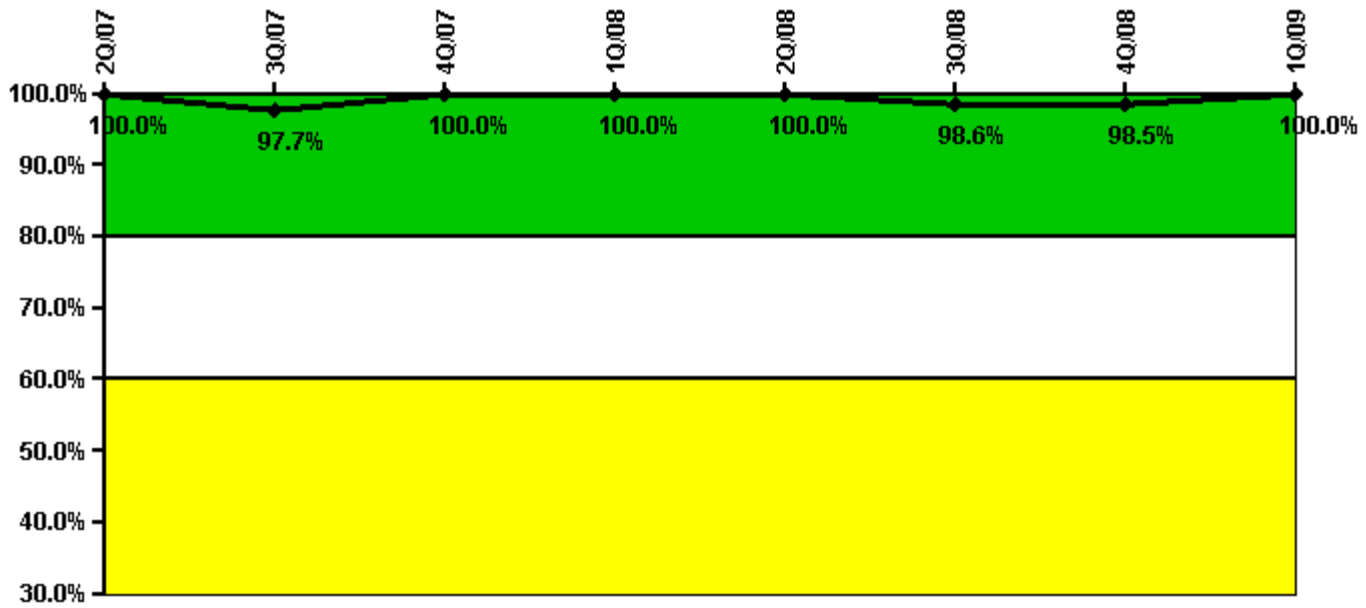
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 28.0 | 34.0 | 24.0 | 59.0 | 82.0 | 22.0 | 36.0 | 71.0 |
| Total opportunities | 30.0 | 38.0 | 24.0 | 63.0 | 84.0 | 22.0 | 36.0 | 73.0 |
| | | | | | | | | |
| Indicator value | 98.0% | 97.2% | 97.4% | 96.6% | 96.4% | 96.5% | 96.6% | 96.2% |

Licensee Comments: none

ERO Drill Participation



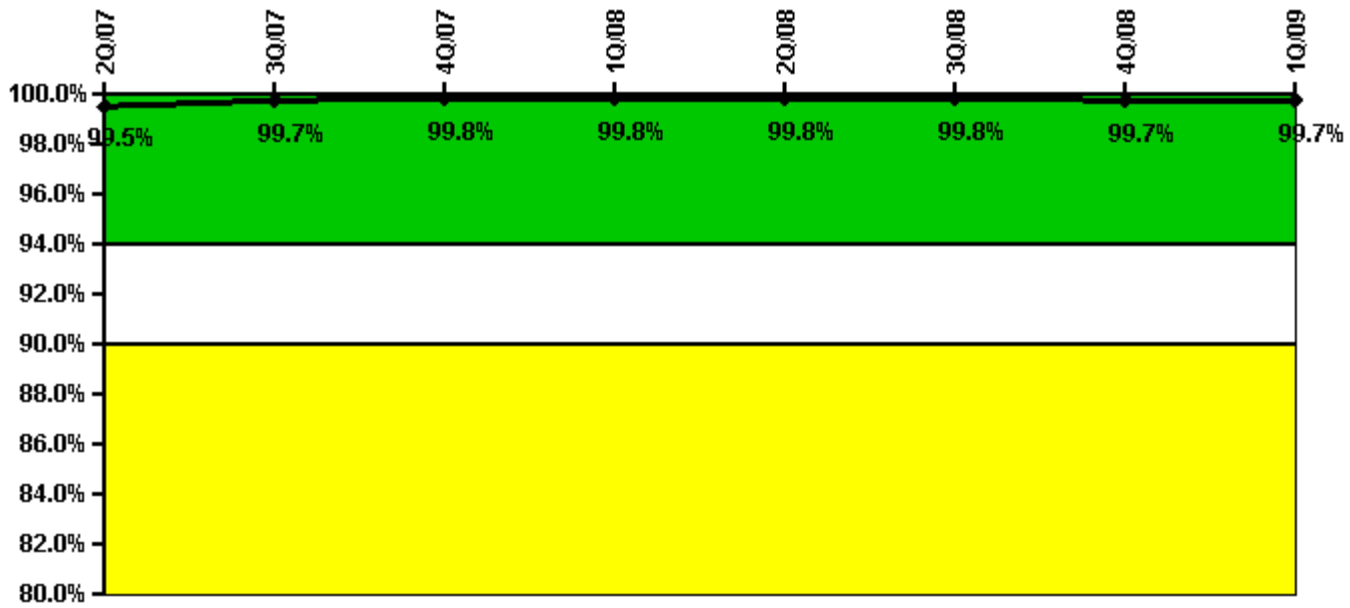
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|-----------------------------|---------------|--------------|---------------|---------------|---------------|--------------|--------------|---------------|
| Participating Key personnel | 79.0 | 84.0 | 85.0 | 75.0 | 75.0 | 71.0 | 67.0 | 68.0 |
| Total Key personnel | 79.0 | 86.0 | 85.0 | 75.0 | 75.0 | 72.0 | 68.0 | 68.0 |
| Indicator value | 100.0% | 97.7% | 100.0% | 100.0% | 100.0% | 98.6% | 98.5% | 100.0% |

Licensee Comments: none

Alert & Notification System



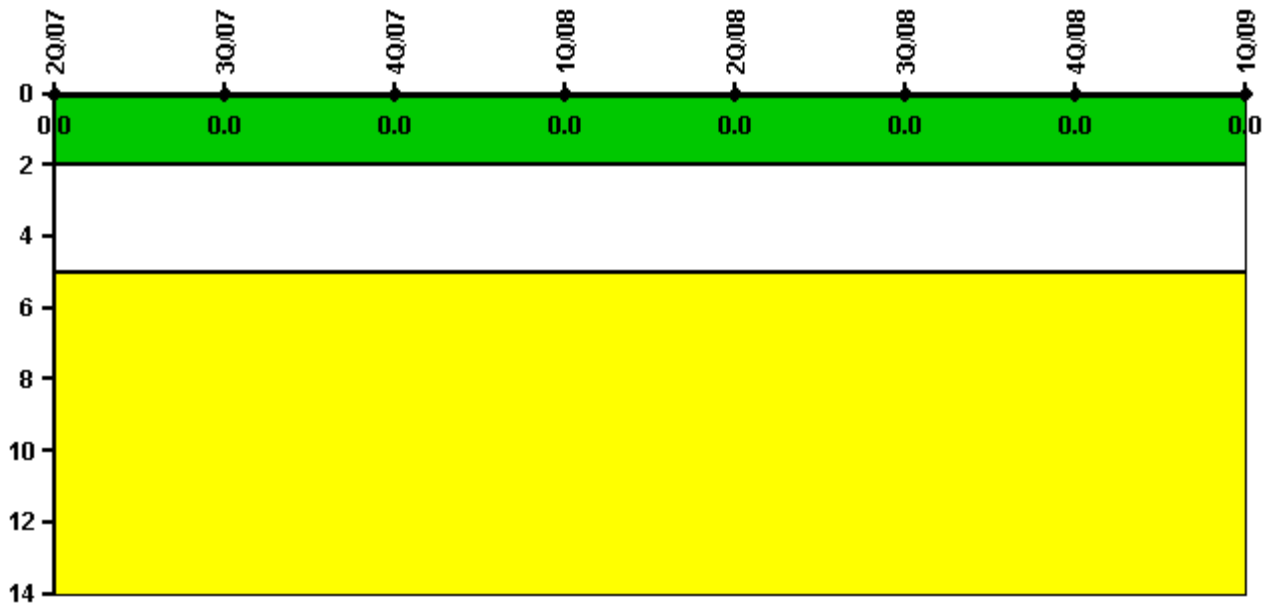
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1258 | 1258 | 1261 | 1258 | 1255 | 1259 | 1355 | 1162 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1358 | 1164 |
| | | | | | | | | |
| Indicator value | 99.5% | 99.7% | 99.8% | 99.8% | 99.8% | 99.8% | 99.7% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



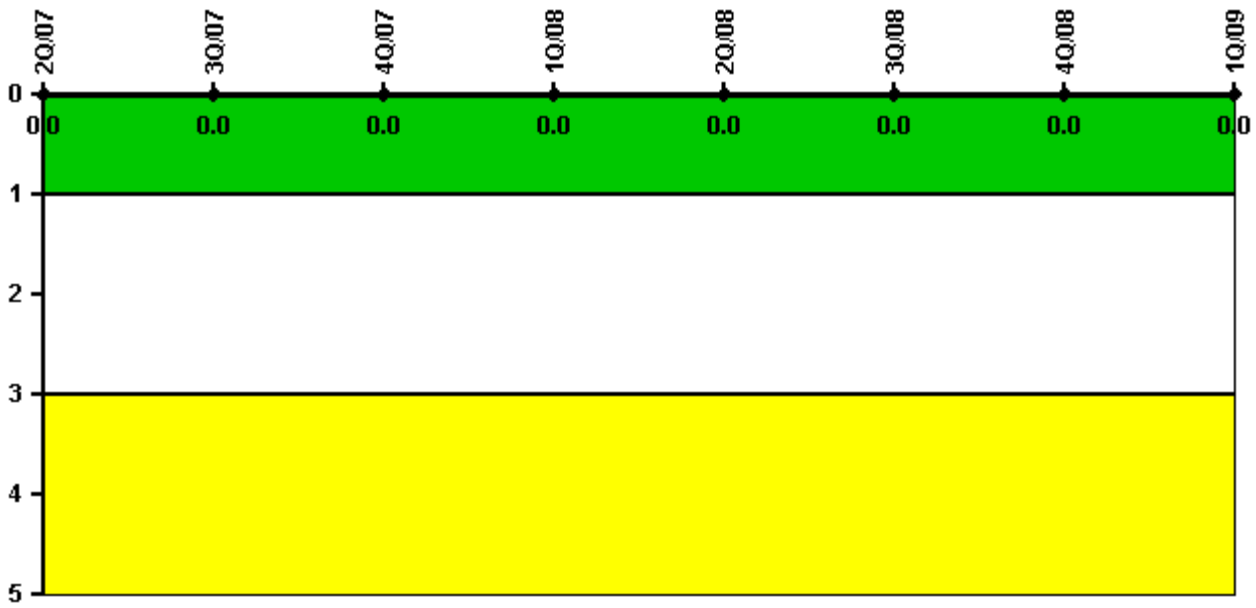
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

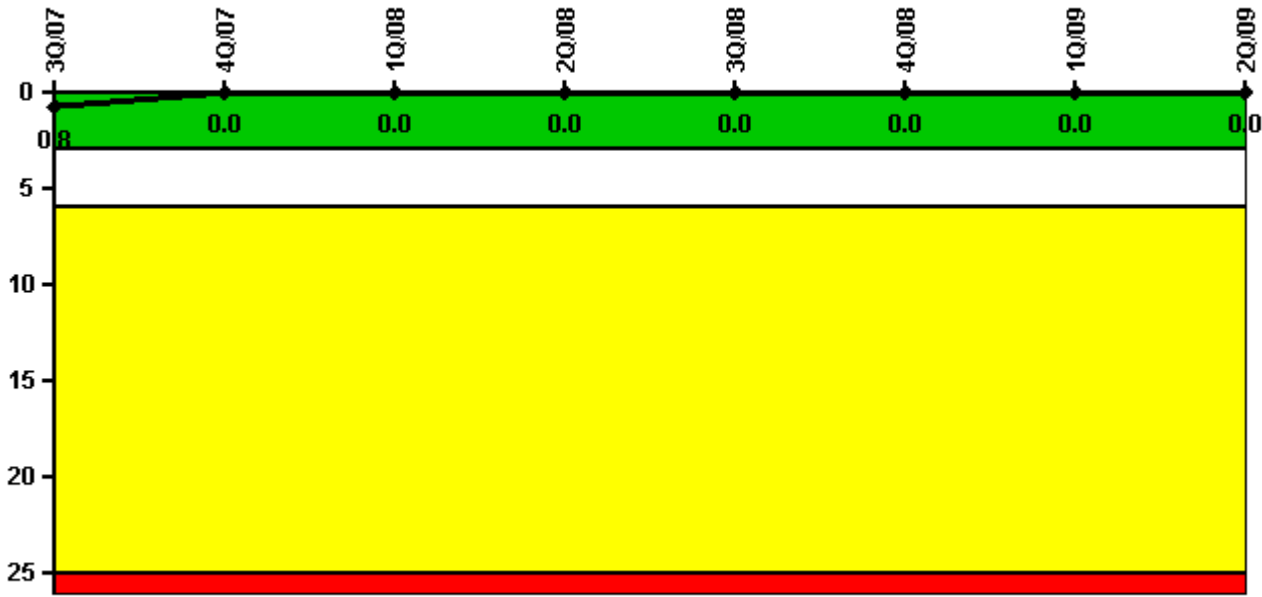
[Security](#) information not publicly available.

Peach Bottom 2

2Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



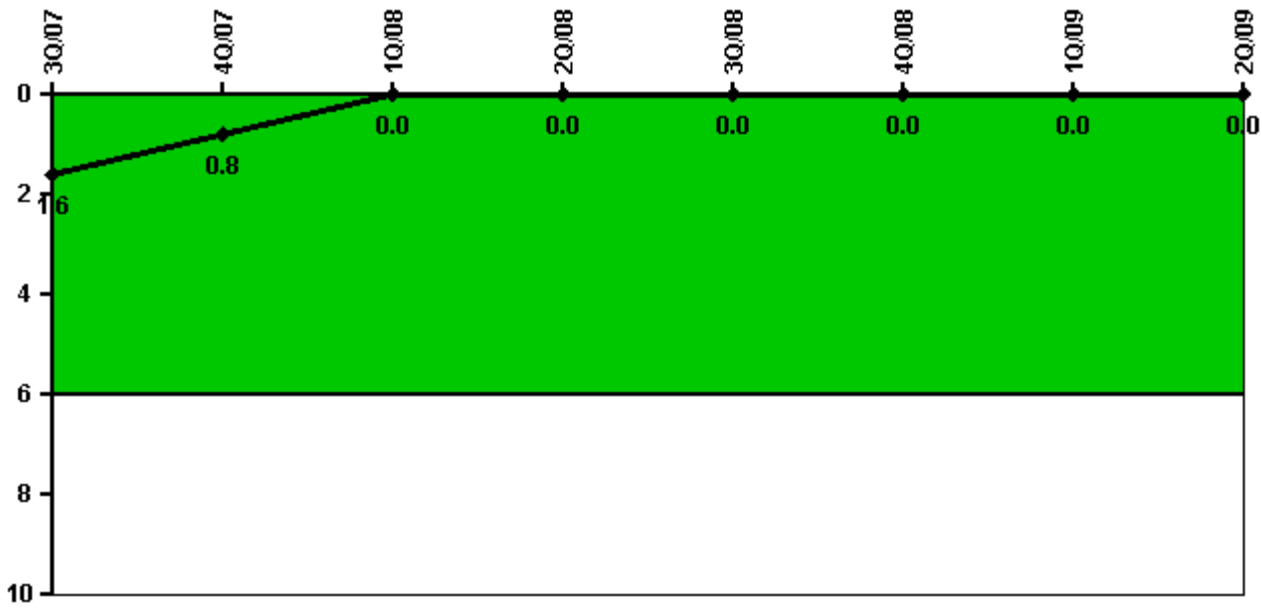
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1822.4 | 1770.8 | 2159.0 | 2184.0 |
| Indicator value | 0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



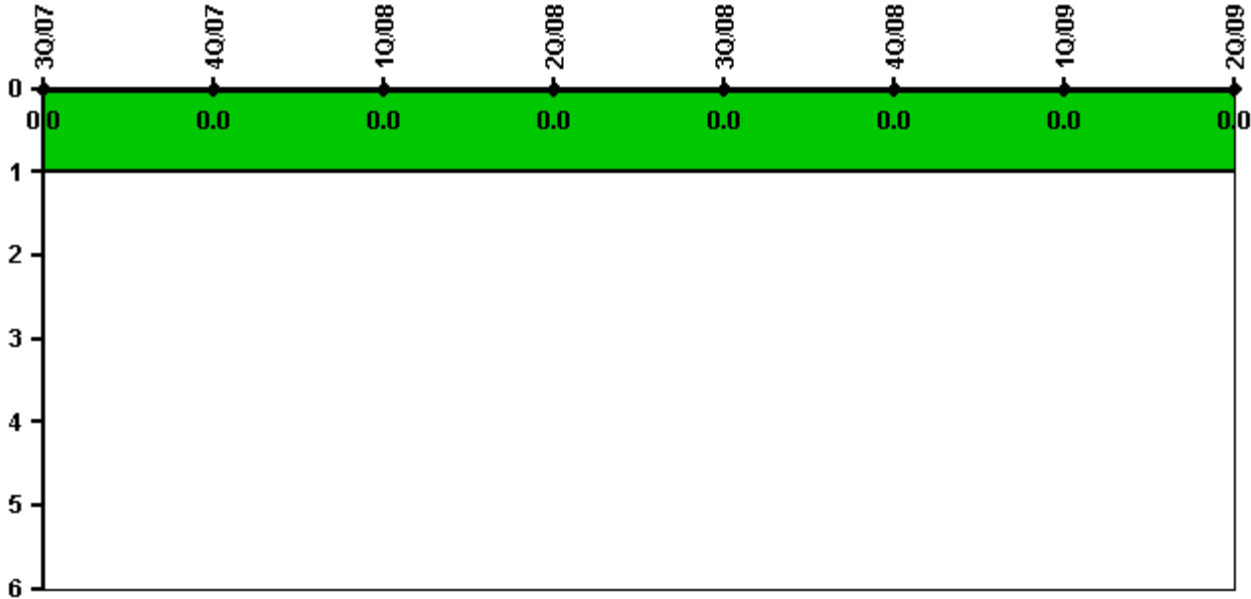
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|---|------------|------------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1822.4 | 1770.8 | 2159.0 | 2184.0 |
| | | | | | | | | |
| Indicator value | 1.6 | 0.8 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



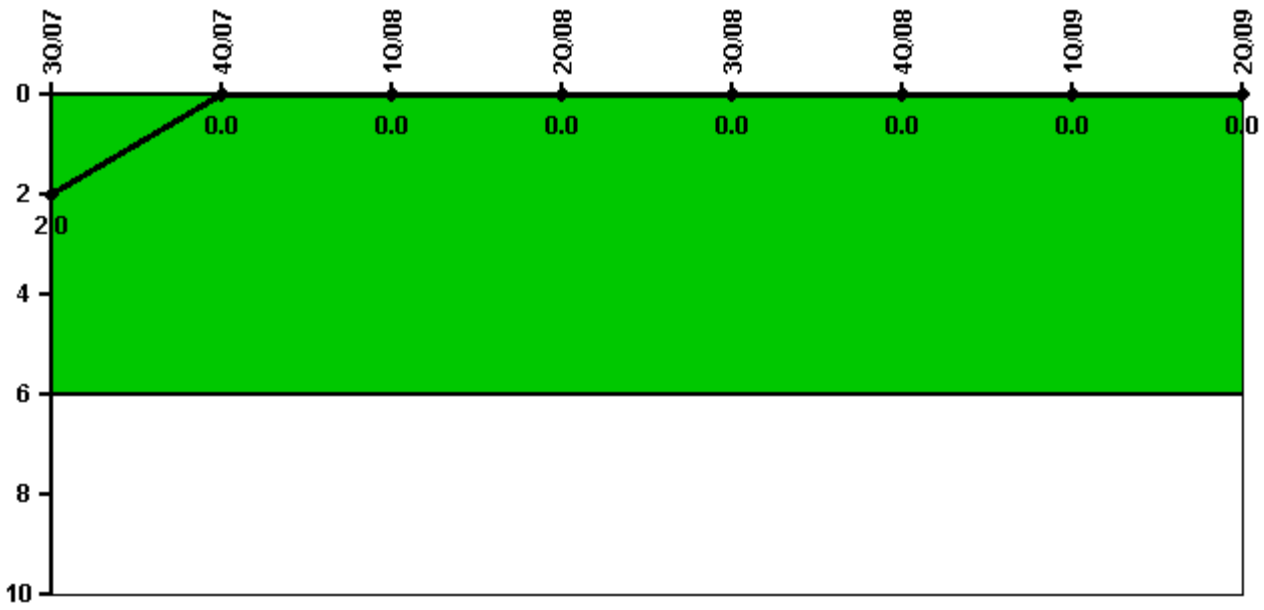
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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)



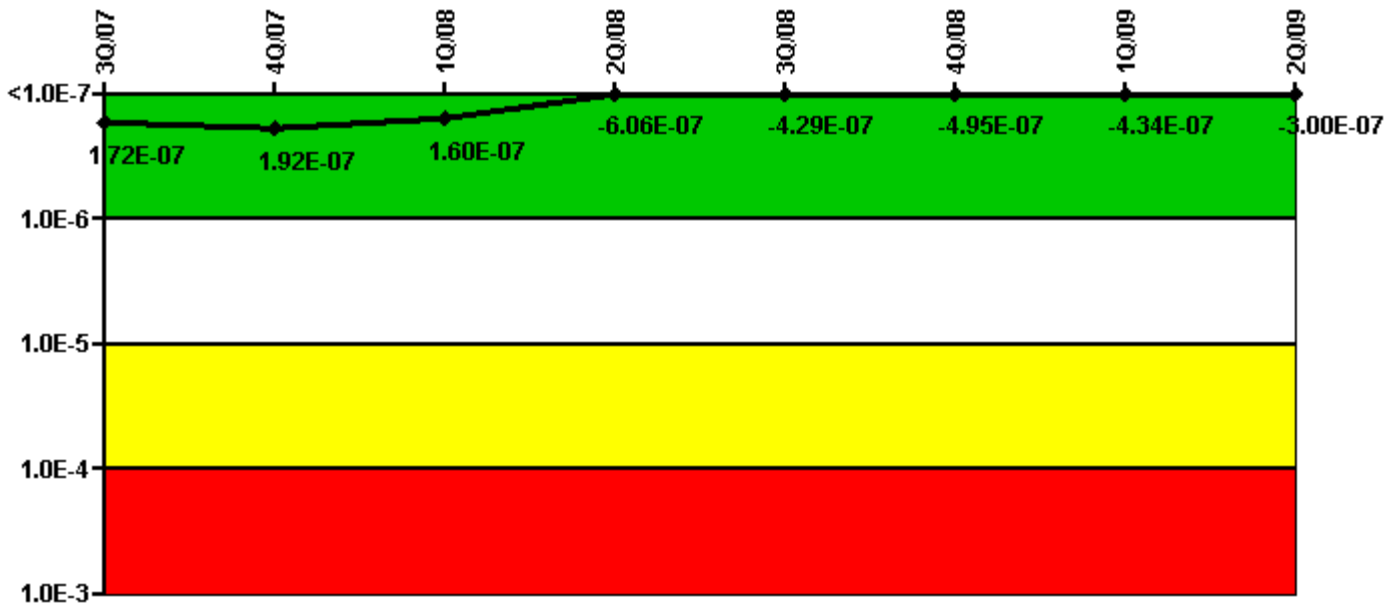
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



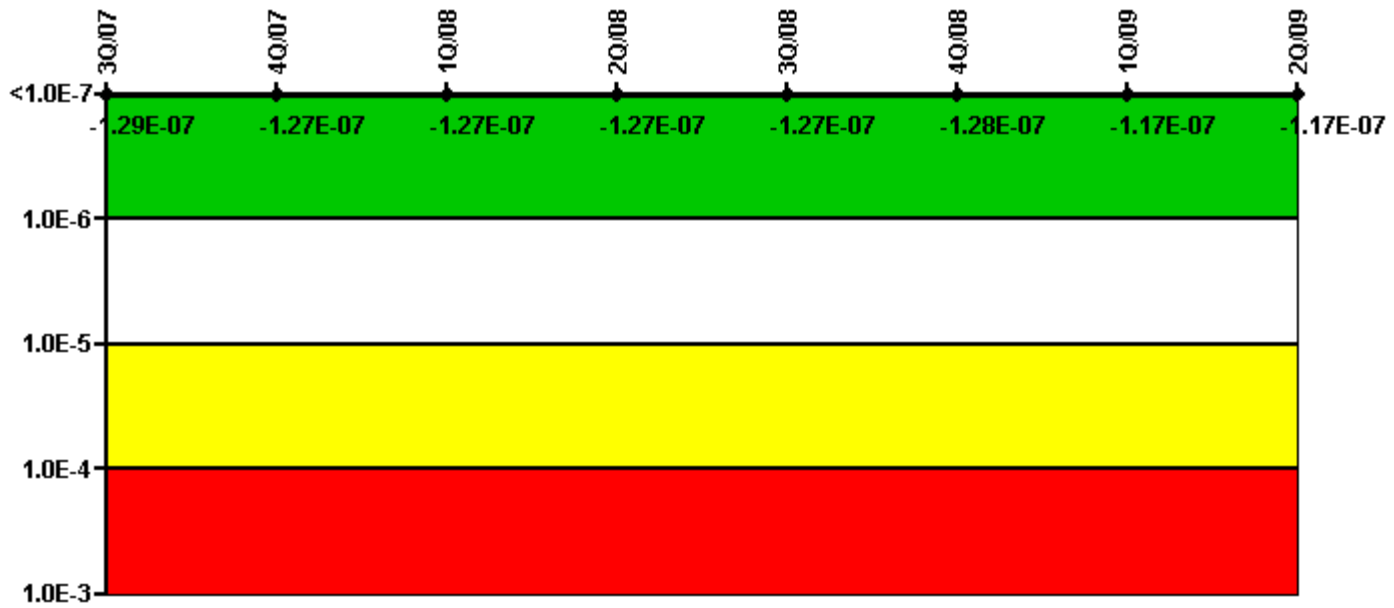
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|---|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 1.00E-07 | 1.00E-07 | 2.00E-08 | 4.40E-08 | 7.10E-08 | -4.60E-09 | 5.60E-08 | 1.70E-07 |
| URI (ΔCDF) | 7.20E-08 | 9.20E-08 | 1.40E-07 | -6.50E-07 | -5.00E-07 | -4.90E-07 | -4.90E-07 | -4.70E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.72E-07 | 1.92E-07 | 1.60E-07 | -6.06E-07 | -4.29E-07 | -4.95E-07 | -4.34E-07 | -3.00E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



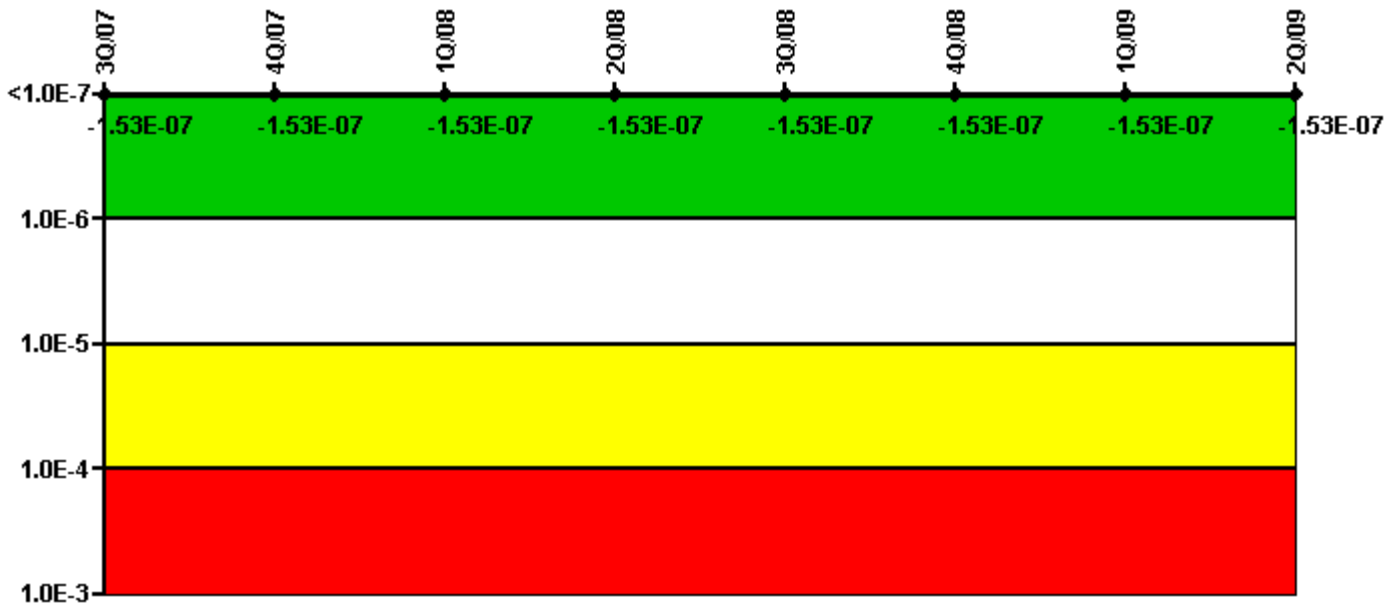
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.90E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -4.00E-08 | -2.90E-08 | -2.90E-08 |
| URI (Δ CDF) | -9.00E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.29E-07 | -1.27E-07 | -1.27E-07 | -1.27E-07 | -1.27E-07 | -1.28E-07 | -1.17E-07 | -1.17E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



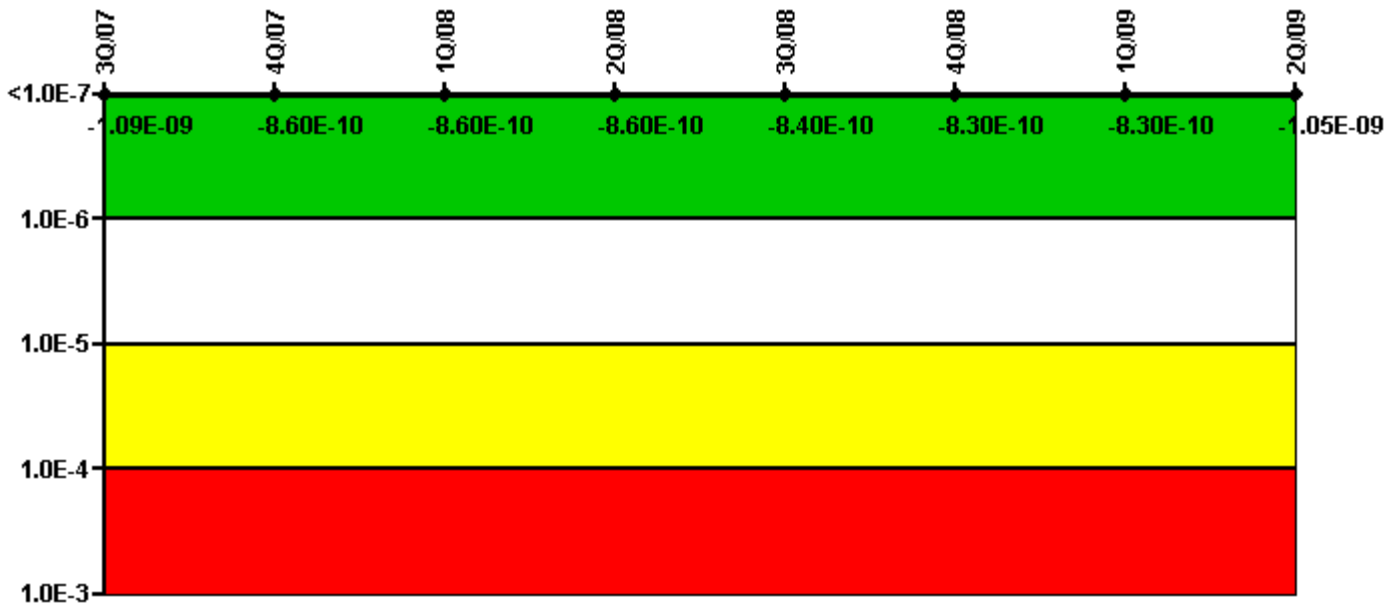
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 |
| URI (Δ CDF) | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



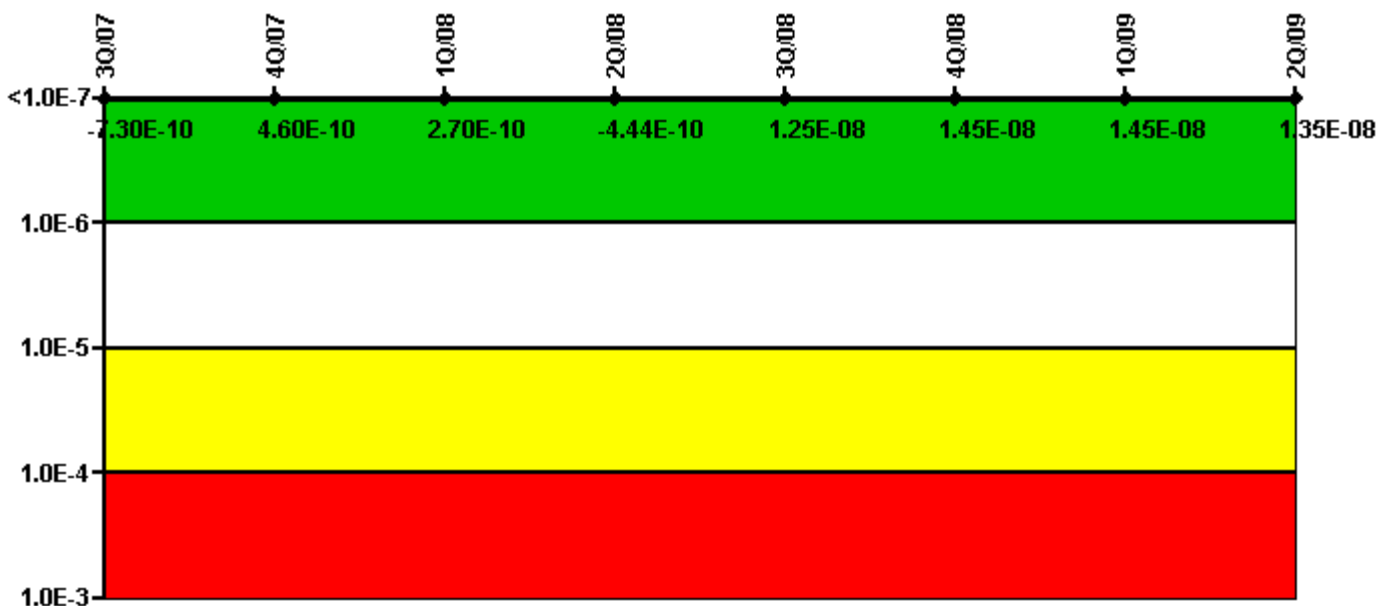
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.20E-10 | 1.00E-10 | 1.00E-10 | 1.00E-10 | 1.20E-10 | 1.30E-10 | 1.30E-10 | -9.40E-11 |
| URI (Δ CDF) | -9.70E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.09E-09 | -8.60E-10 | -8.60E-10 | -8.60E-10 | -8.40E-10 | -8.30E-10 | -8.30E-10 | -1.05E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



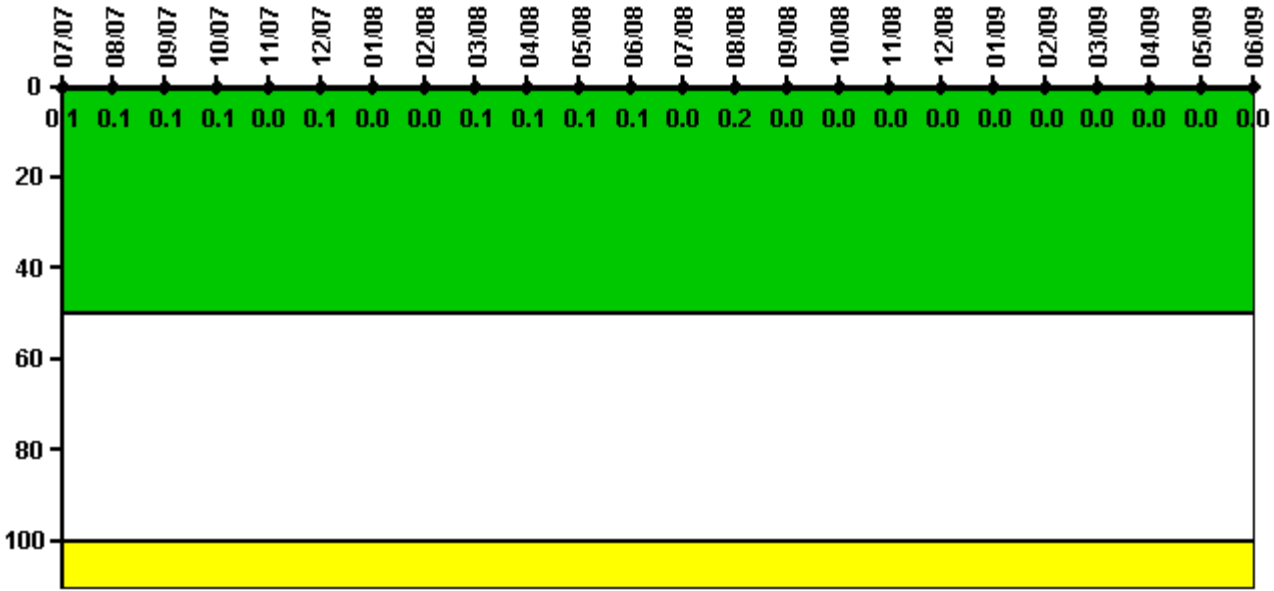
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.60E-10 | 9.70E-10 | 7.80E-10 | 6.60E-11 | 1.30E-08 | 1.50E-08 | 1.50E-08 | 1.40E-08 |
| URI (Δ CDF) | -5.70E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.30E-10 | 4.60E-10 | 2.70E-10 | -4.44E-10 | 1.25E-08 | 1.45E-08 | 1.45E-08 | 1.35E-08 |

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

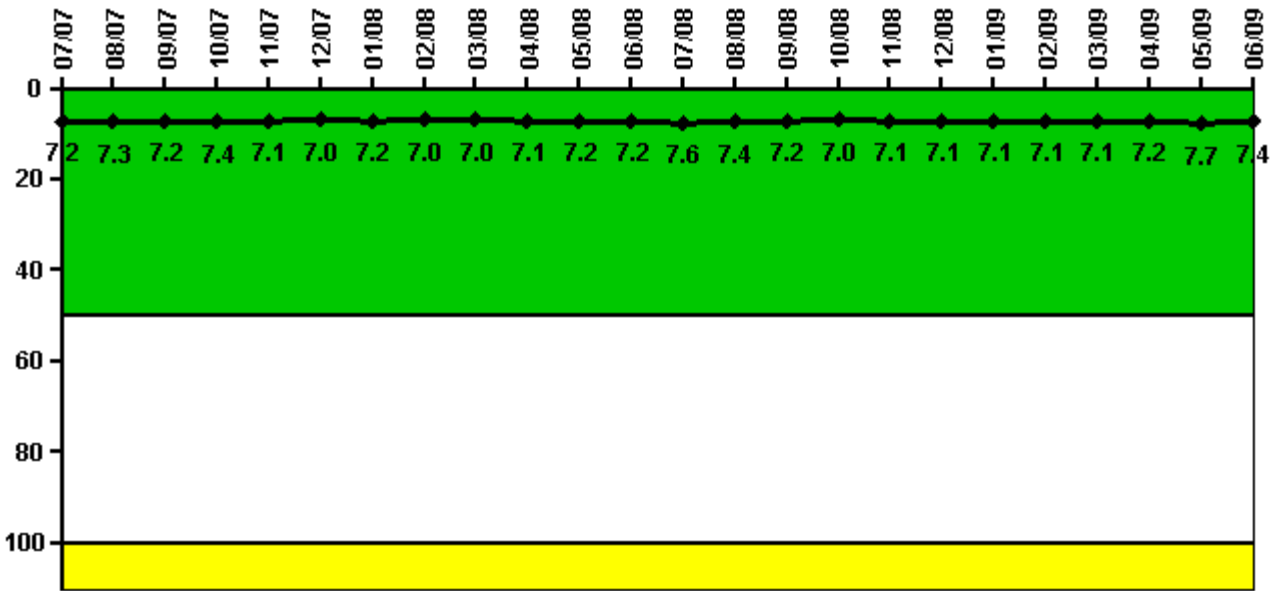
Notes

| Reactor Coolant System Activity | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000187 | 0.000142 | 0.000122 | 0.000133 | 0.000094 | 0.000155 | 0.000066 | 0.000070 | 0.000131 | 0.000223 | 0.000114 | 0.000184 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.1 | 0 | 0 | 0.1 | 0.1 | 0.1 | 0.1 |

| Reactor Coolant System Activity | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000085 | 0.000378 | 0.000068 | 0.000049 | 0.000050 | 0.000061 | 0.000047 | 0.000039 | 0.000050 | 0.000051 | 0.000048 | 0.000051 |
| 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 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



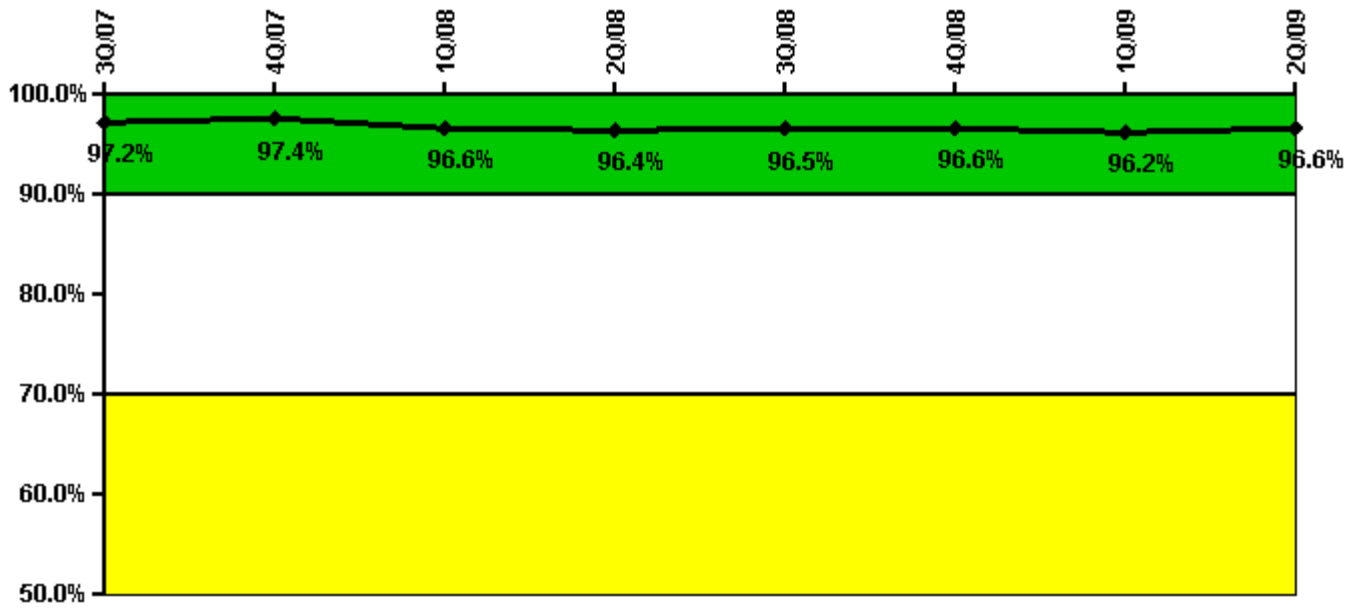
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 7/07 | 8/07 | 9/07 | 10/07 | 11/07 | 12/07 | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.790 | 1.820 | 1.800 | 1.850 | 1.780 | 1.750 | 1.790 | 1.740 | 1.750 | 1.780 | 1.800 | 1.800 |
| 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 | 7.2 | 7.3 | 7.2 | 7.4 | 7.1 | 7.0 | 7.2 | 7.0 | 7.0 | 7.1 | 7.2 | 7.2 |
| Reactor Coolant System Leakage | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 |
| Maximum leakage | 1.890 | 1.850 | 1.810 | 1.750 | 1.780 | 1.780 | 1.780 | 1.780 | 1.780 | 1.790 | 1.920 | 1.860 |
| 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 | 7.6 | 7.4 | 7.2 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.7 | 7.4 |

Licensee Comments: none

Drill/Exercise Performance



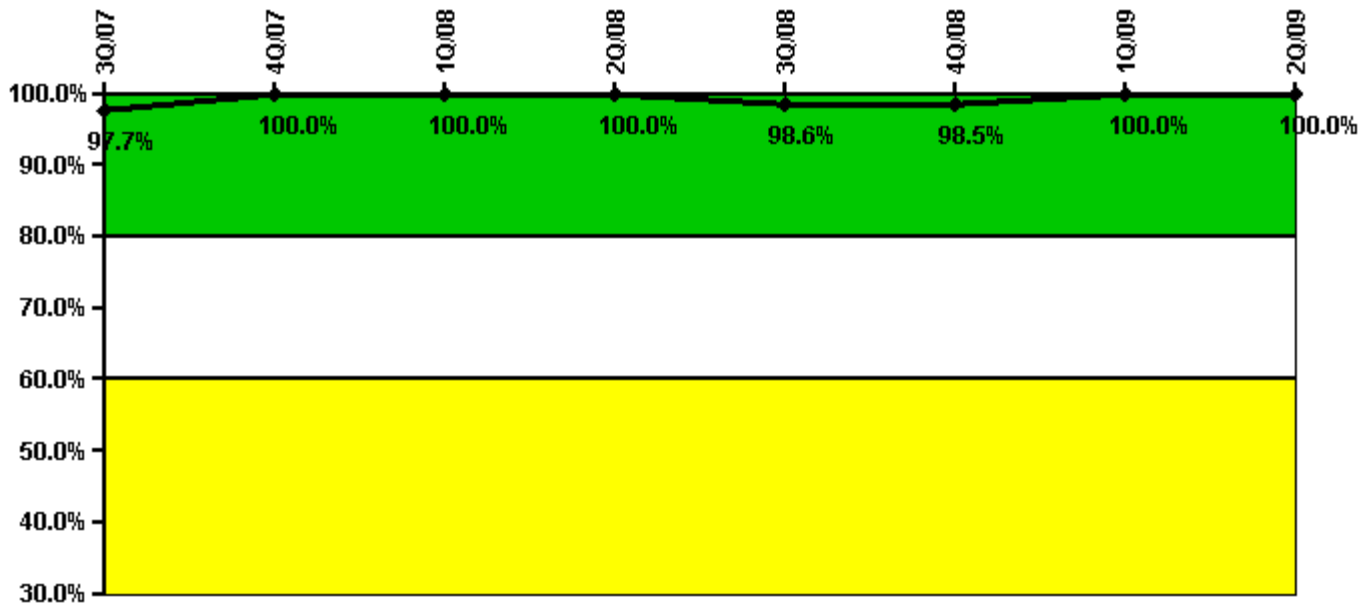
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 34.0 | 24.0 | 59.0 | 82.0 | 22.0 | 36.0 | 71.0 | 37.0 |
| Total opportunities | 38.0 | 24.0 | 63.0 | 84.0 | 22.0 | 36.0 | 73.0 | 38.0 |
| | | | | | | | | |
| Indicator value | 97.2% | 97.4% | 96.6% | 96.4% | 96.5% | 96.6% | 96.2% | 96.6% |

Licensee Comments: none

ERO Drill Participation



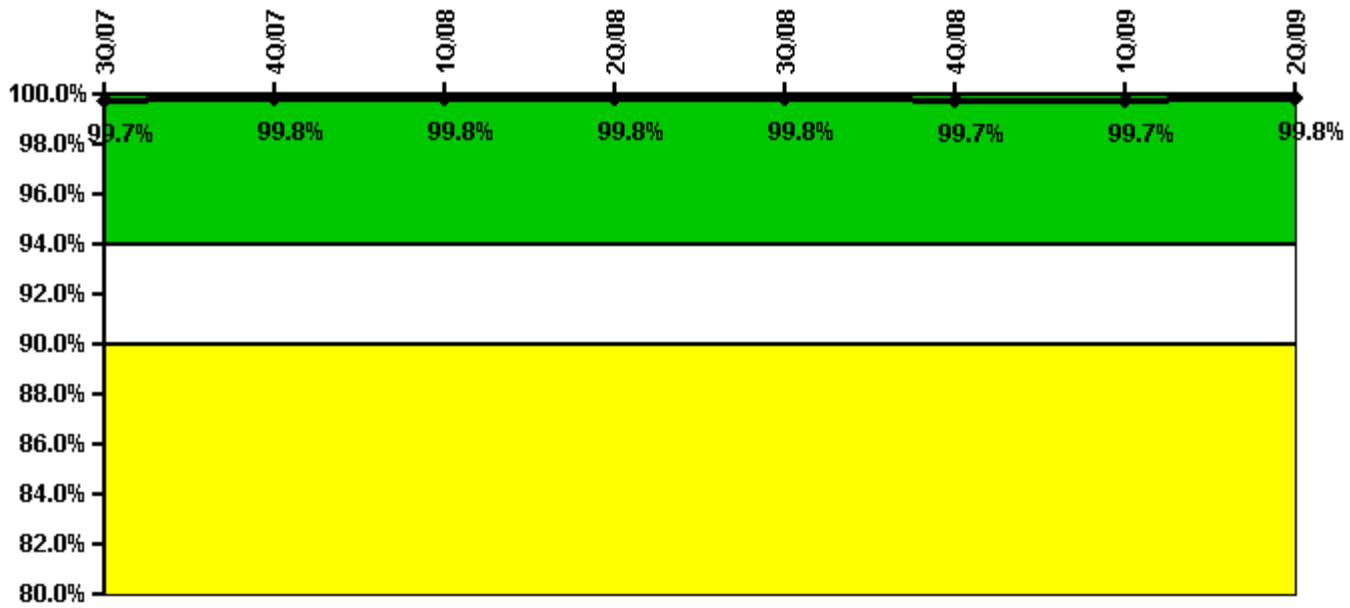
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|-----------------------------|--------------|---------------|---------------|---------------|--------------|--------------|---------------|---------------|
| Participating Key personnel | 84.0 | 85.0 | 75.0 | 75.0 | 71.0 | 67.0 | 68.0 | 71.0 |
| Total Key personnel | 86.0 | 85.0 | 75.0 | 75.0 | 72.0 | 68.0 | 68.0 | 71.0 |
| Indicator value | 97.7% | 100.0% | 100.0% | 100.0% | 98.6% | 98.5% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1258 | 1261 | 1258 | 1255 | 1259 | 1355 | 1162 | 1257 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1358 | 1164 | 1261 |
| | | | | | | | | |
| Indicator value | 99.7% | 99.8% | 99.8% | 99.8% | 99.8% | 99.7% | 99.7% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



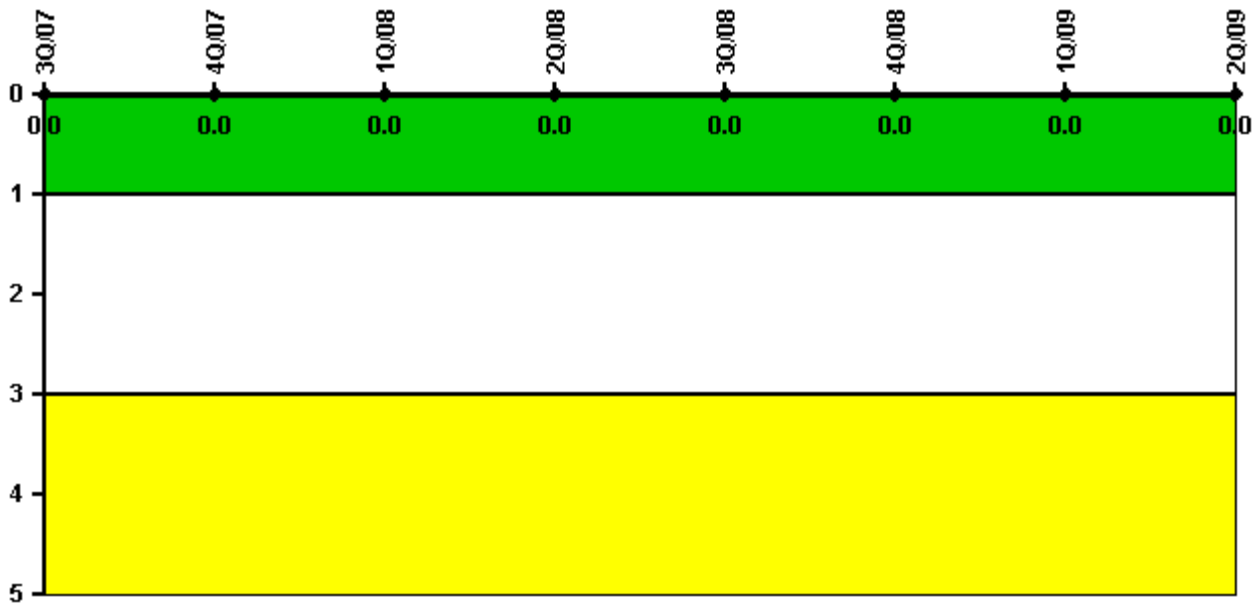
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

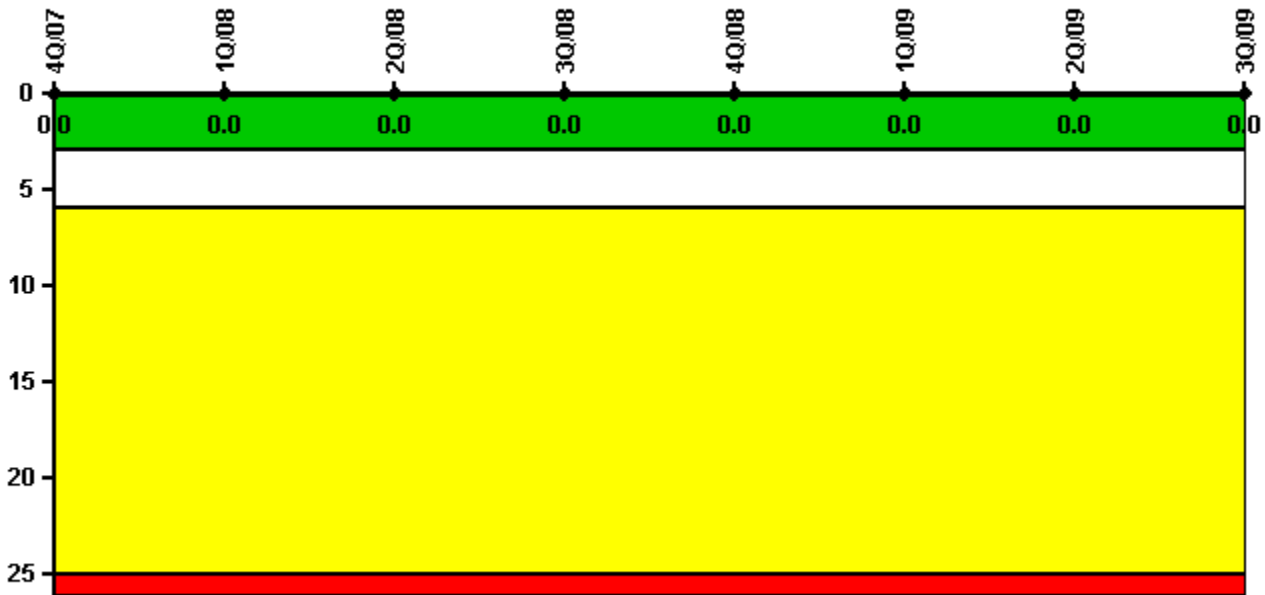
[Security](#) information not publicly available.

Peach Bottom 2

3Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



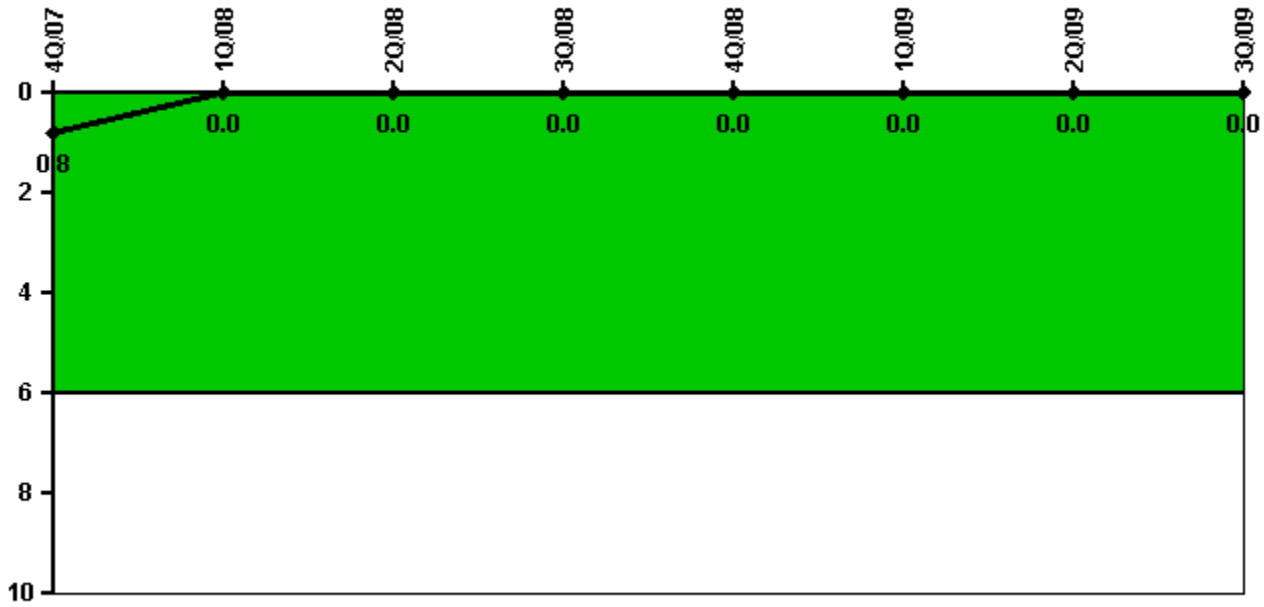
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2183.0 | 2184.0 | 1822.4 | 1770.8 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



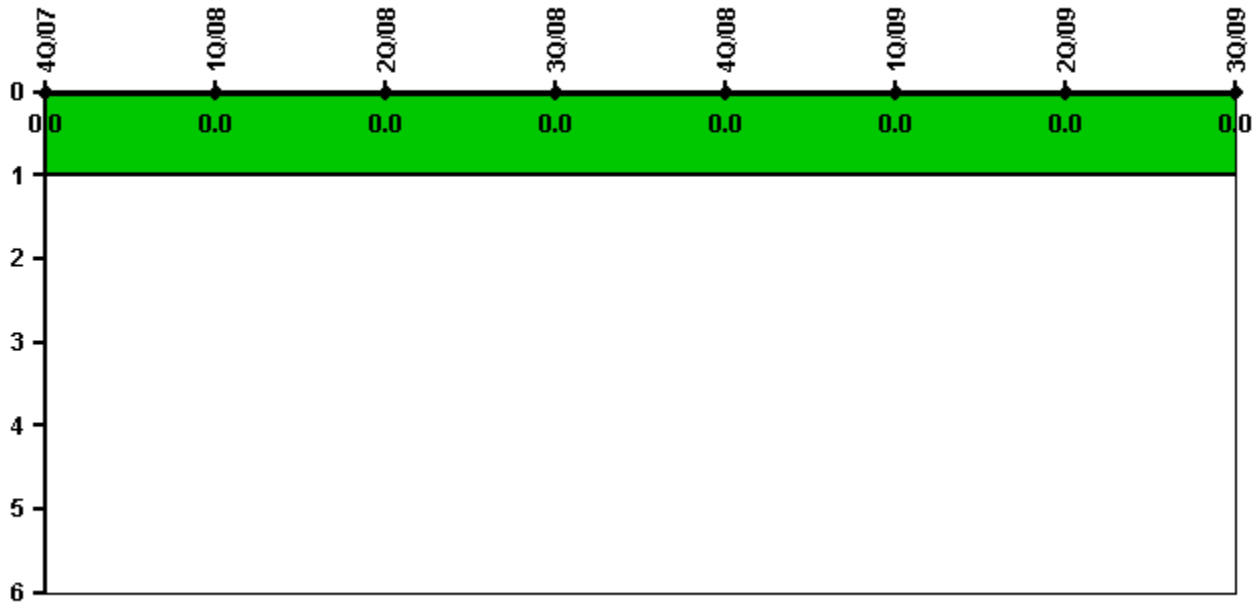
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2183.0 | 2184.0 | 1822.4 | 1770.8 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



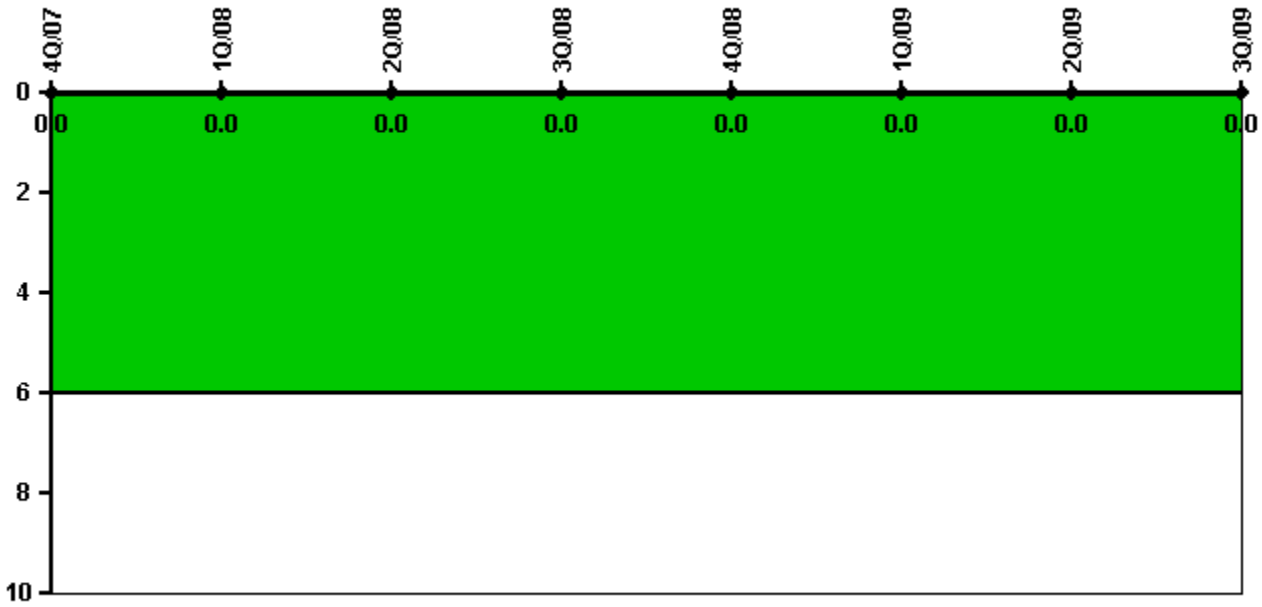
Thresholds: White > 1.0

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 | 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)



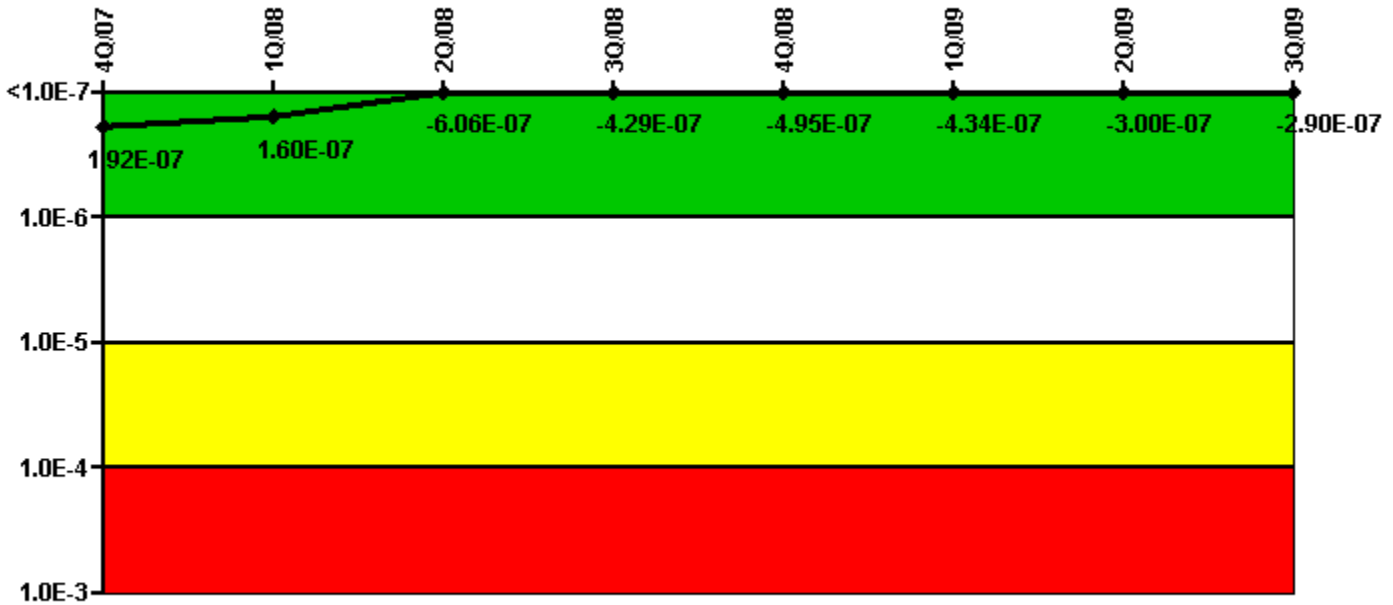
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



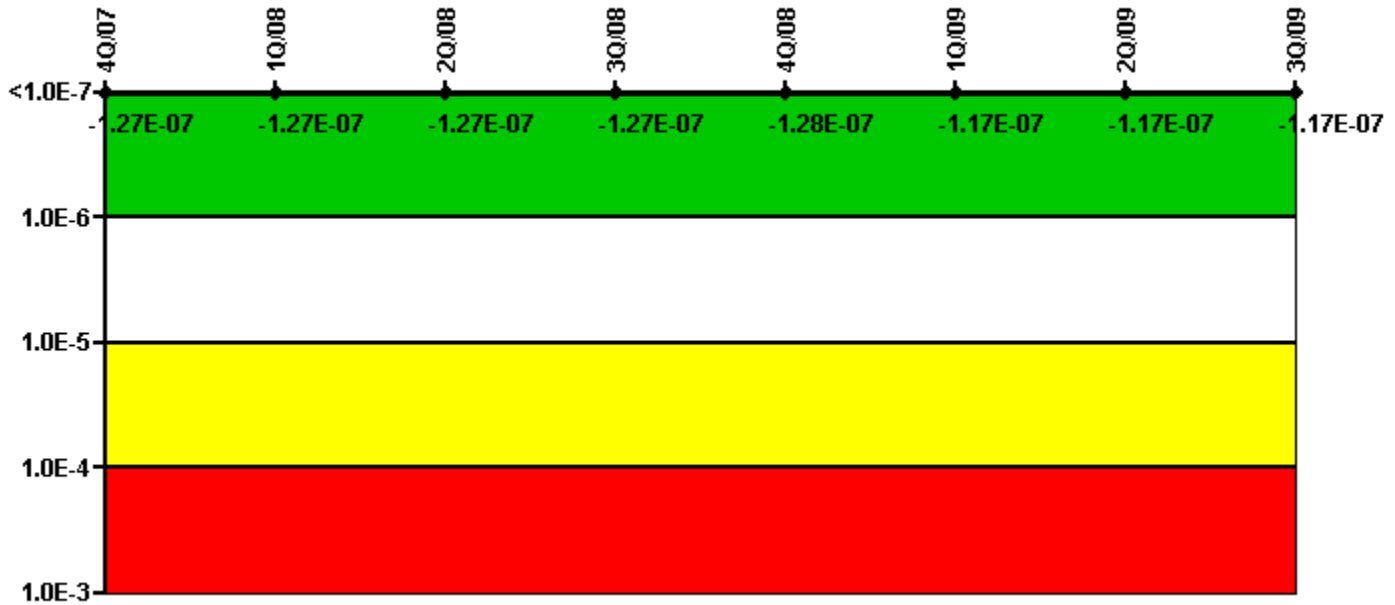
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.00E-07 | 2.00E-08 | 4.40E-08 | 7.10E-08 | -4.60E-09 | 5.60E-08 | 1.70E-07 | 1.50E-07 |
| URI (Δ CDF) | 9.20E-08 | 1.40E-07 | -6.50E-07 | -5.00E-07 | -4.90E-07 | -4.90E-07 | -4.70E-07 | -4.40E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.92E-07 | 1.60E-07 | -6.06E-07 | -4.29E-07 | -4.95E-07 | -4.34E-07 | -3.00E-07 | -2.90E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



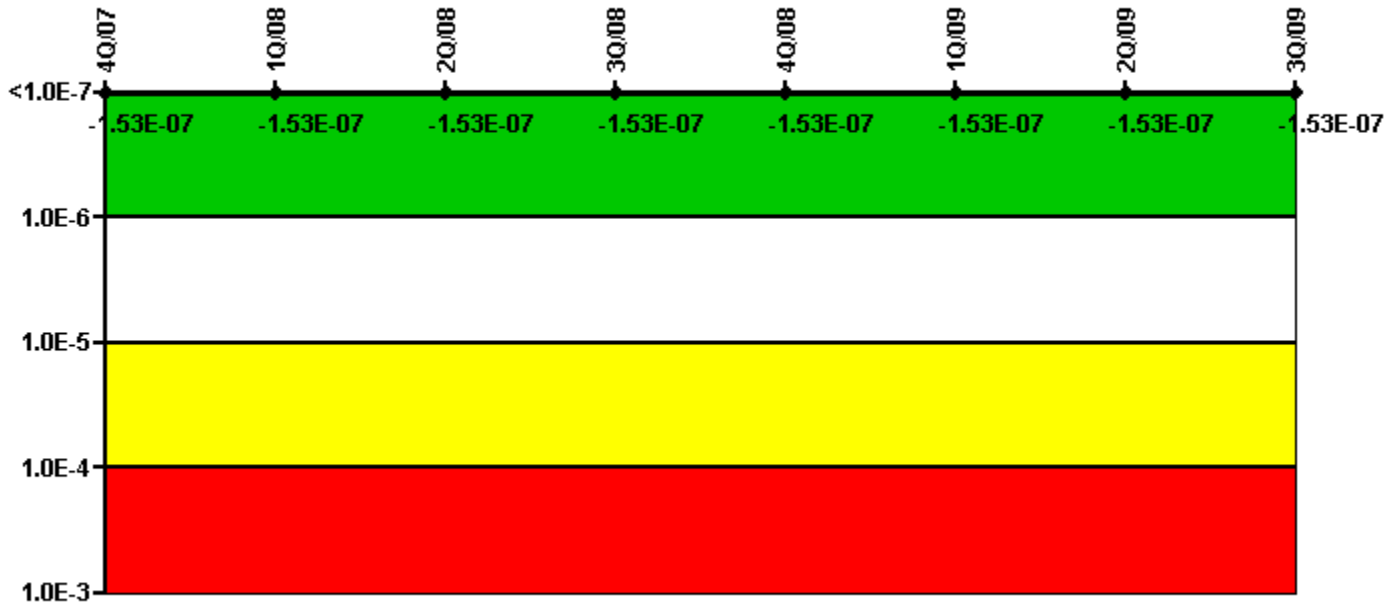
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF) | -3.90E-08 | -3.90E-08 | -3.90E-08 | -3.90E-08 | -4.00E-08 | -2.90E-08 | -2.90E-08 | -2.90E-08 |
| URI (Δ CDF) | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.27E-07 | -1.27E-07 | -1.27E-07 | -1.27E-07 | -1.28E-07 | -1.17E-07 | -1.17E-07 | -1.17E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



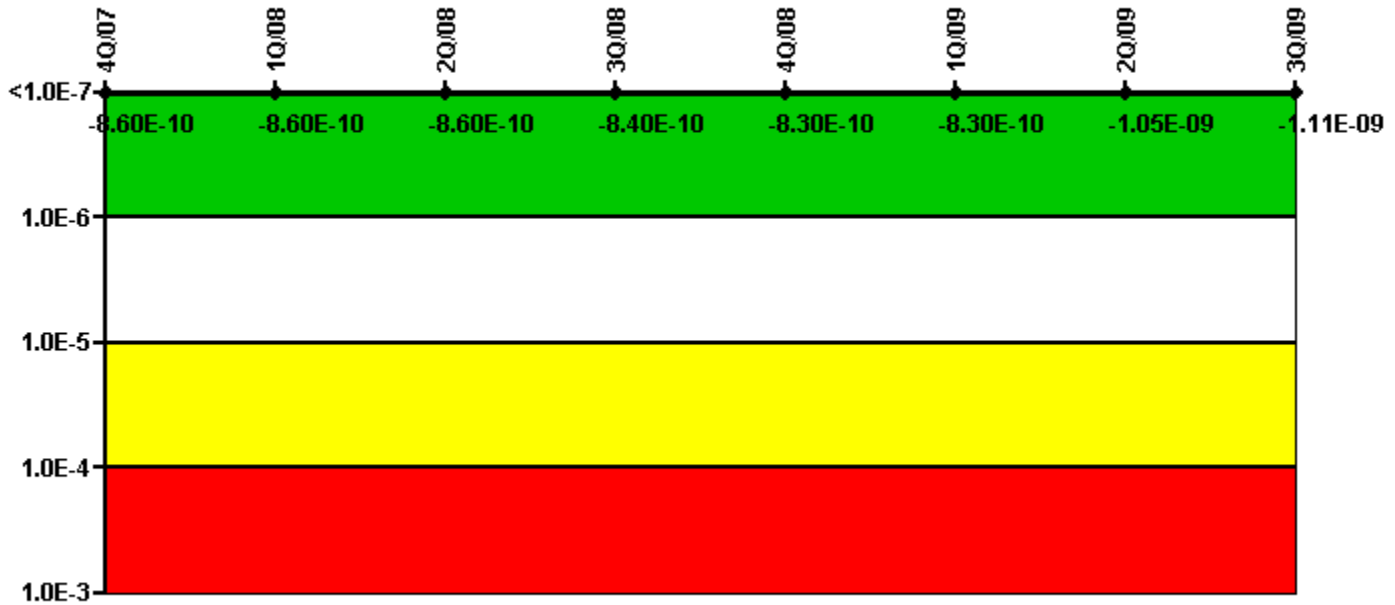
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 |
| URI (Δ CDF) | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



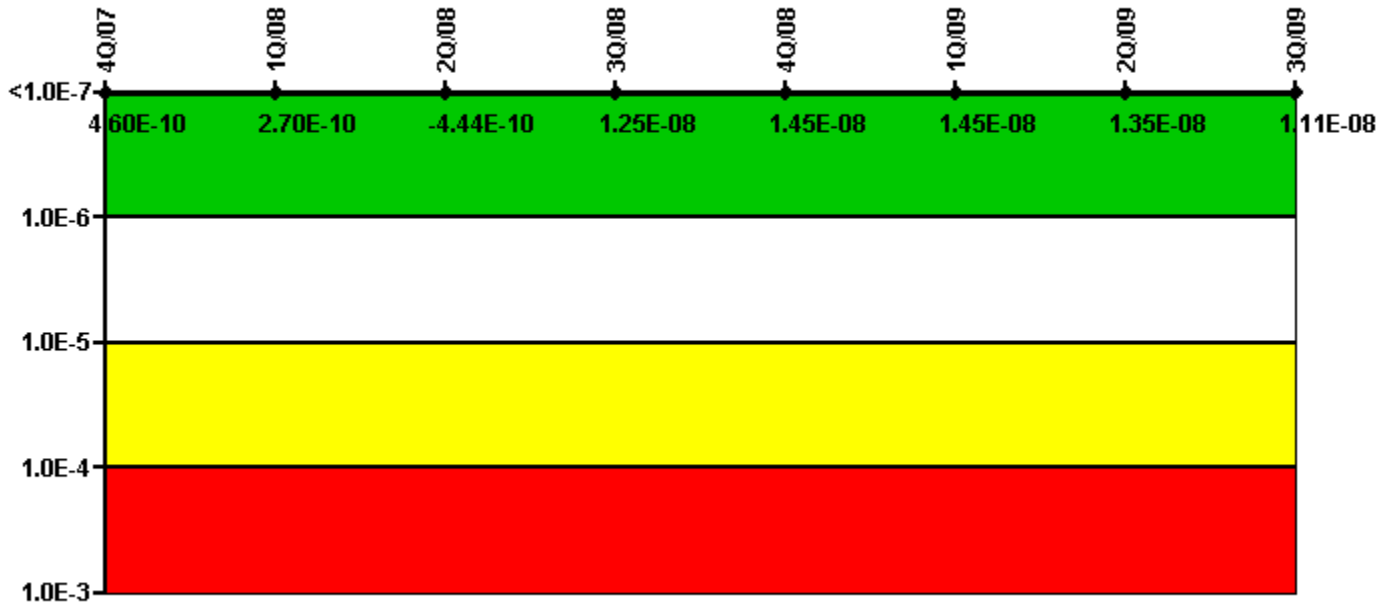
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF) | 1.00E-10 | 1.00E-10 | 1.00E-10 | 1.20E-10 | 1.30E-10 | 1.30E-10 | -9.40E-11 | -1.50E-10 |
| URI (Δ CDF) | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.60E-10 | -8.60E-10 | -8.60E-10 | -8.40E-10 | -8.30E-10 | -8.30E-10 | -1.05E-09 | -1.11E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



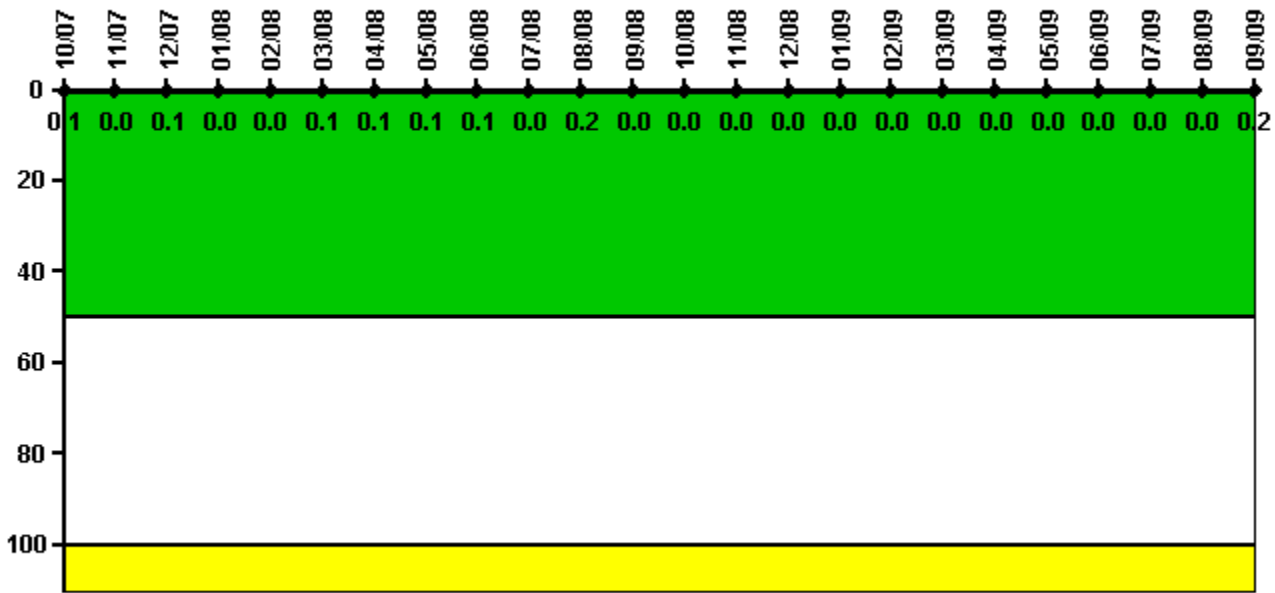
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 9.70E-10 | 7.80E-10 | 6.60E-11 | 1.30E-08 | 1.50E-08 | 1.50E-08 | 1.40E-08 | 1.50E-08 |
| URI (Δ CDF) | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -3.90E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 4.60E-10 | 2.70E-10 | -4.44E-10 | 1.25E-08 | 1.45E-08 | 1.45E-08 | 1.35E-08 | 1.11E-08 |

Licensee Comments: none

Reactor Coolant System Activity



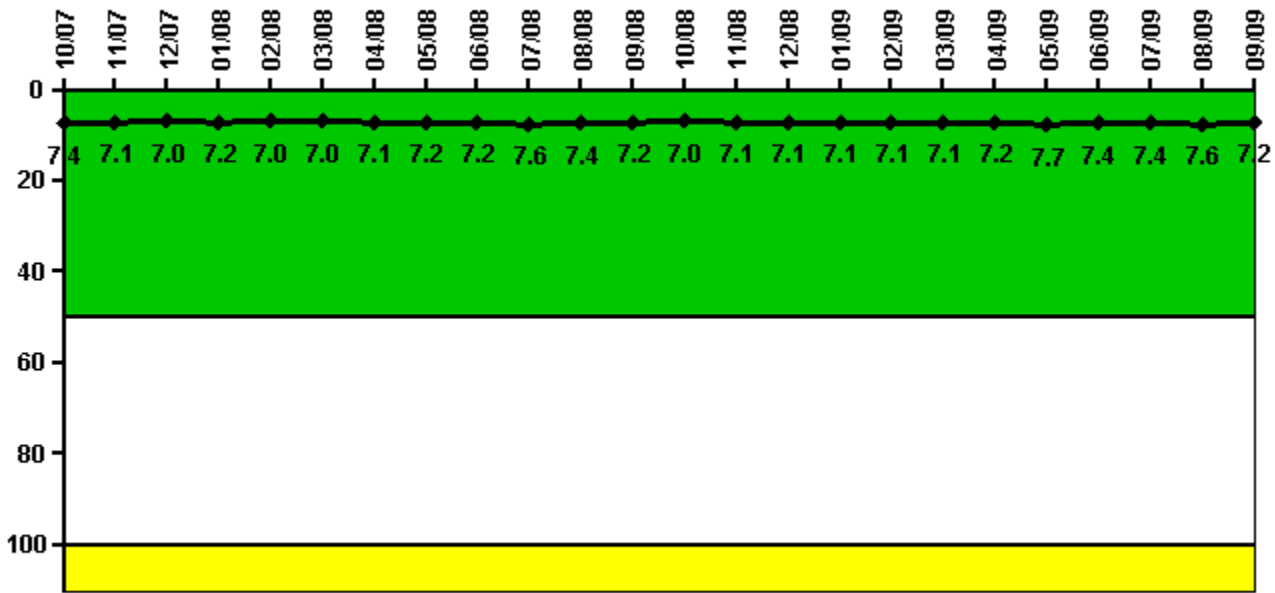
Thresholds: White > 50.0 Yellow > 100.0

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 | 0.000133 | 0.000094 | 0.000155 | 0.000066 | 0.000070 | 0.000131 | 0.000223 | 0.000114 | 0.000184 | 0.000085 | 0.000378 | 0.000068 |
| 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 | 0.1 | 0 | 0.1 | 0 | 0 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.2 | 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 | 0.000049 | 0.000050 | 0.000061 | 0.000047 | 0.000039 | 0.000050 | 0.000051 | 0.000048 | 0.000051 | 0.000063 | 0.000066 | 0.000447 |
| 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 | 0.2 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

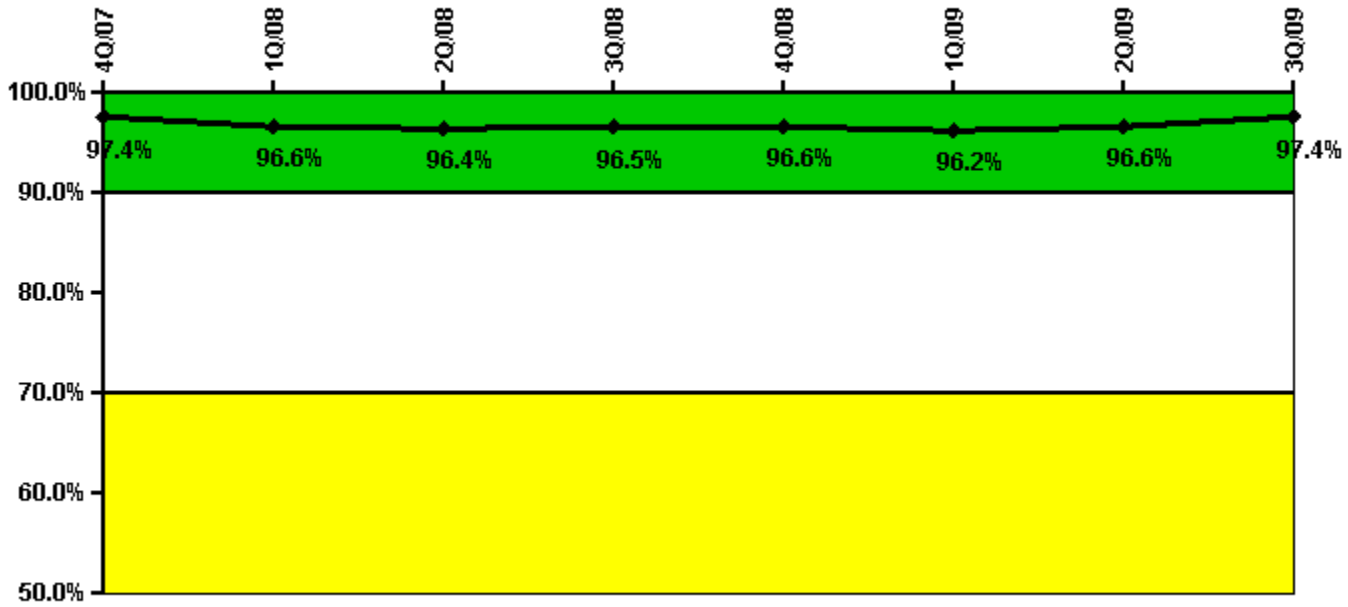
Notes

| 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 | 1.850 | 1.780 | 1.750 | 1.790 | 1.740 | 1.750 | 1.780 | 1.800 | 1.800 | 1.890 | 1.850 | 1.810 |
| 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 | 7.4 | 7.1 | 7.0 | 7.2 | 7.0 | 7.0 | 7.1 | 7.2 | 7.2 | 7.6 | 7.4 | 7.2 |

| 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 | 1.750 | 1.780 | 1.780 | 1.780 | 1.780 | 1.780 | 1.790 | 1.920 | 1.860 | 1.850 | 1.910 | 1.810 |
| 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 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.7 | 7.4 | 7.4 | 7.6 | 7.2 |

Licensee Comments: none

Drill/Exercise Performance



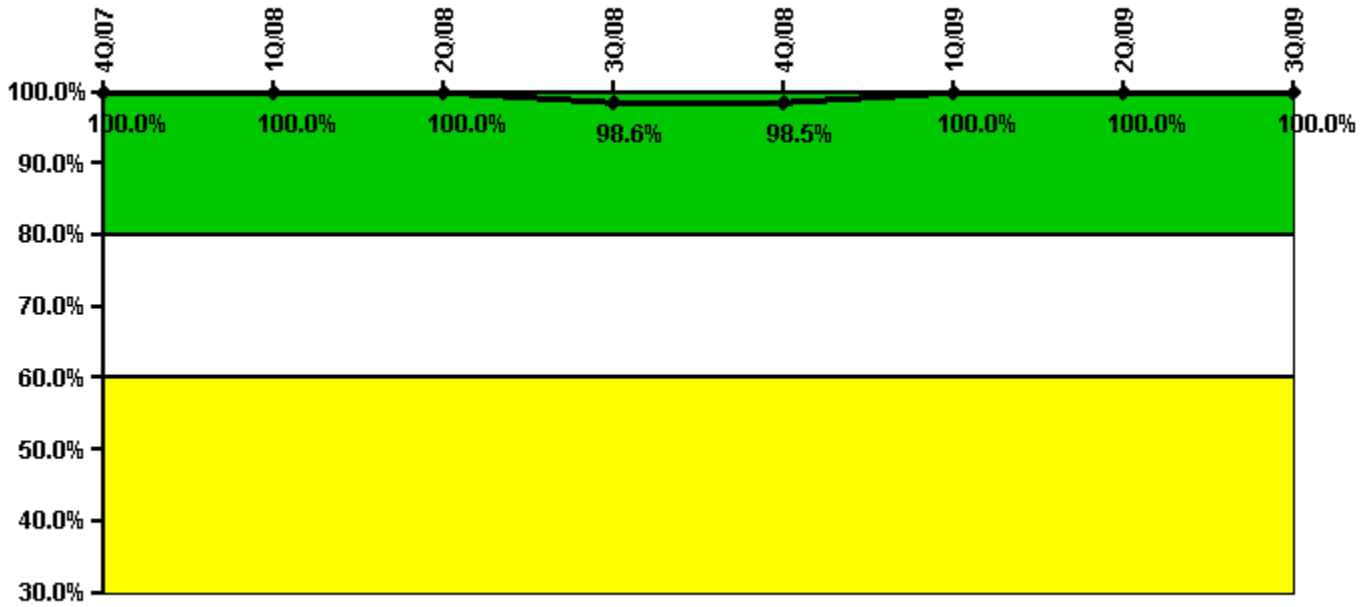
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 24.0 | 59.0 | 82.0 | 22.0 | 36.0 | 71.0 | 37.0 | 47.0 |
| Total opportunities | 24.0 | 63.0 | 84.0 | 22.0 | 36.0 | 73.0 | 38.0 | 48.0 |
| | | | | | | | | |
| Indicator value | 97.4% | 96.6% | 96.4% | 96.5% | 96.6% | 96.2% | 96.6% | 97.4% |

Licensee Comments: none

ERO Drill Participation



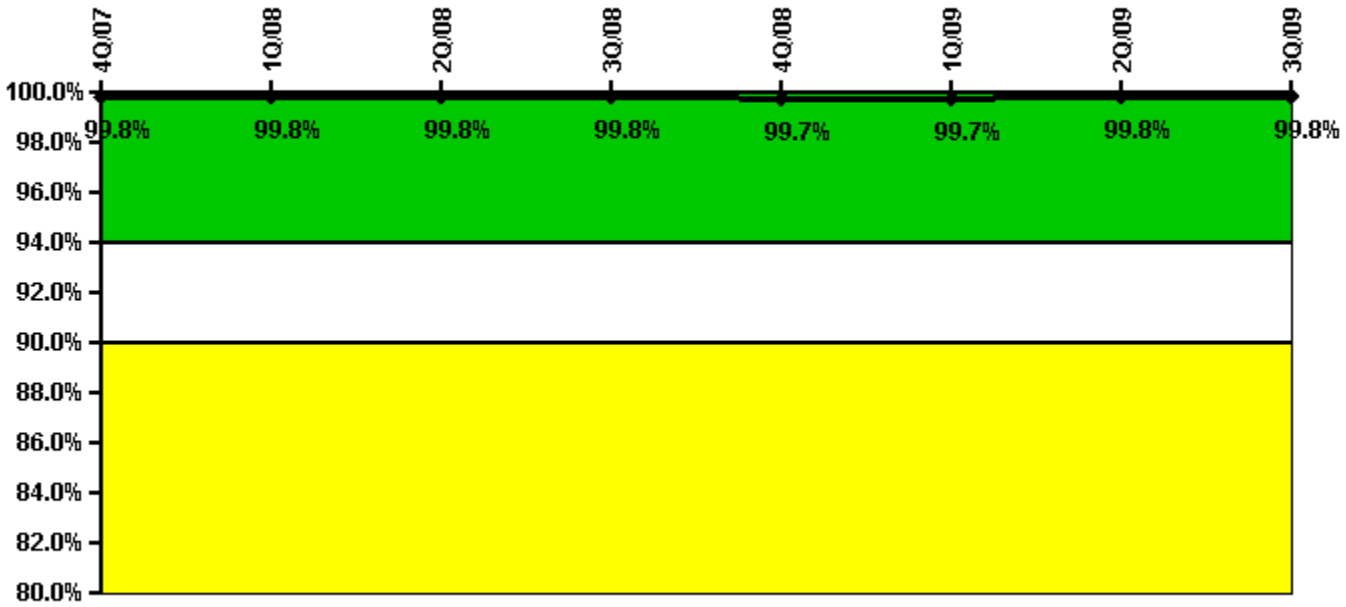
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|-----------------------------|--------|--------|--------|-------|-------|--------|--------|--------|
| Participating Key personnel | 85.0 | 75.0 | 75.0 | 71.0 | 67.0 | 68.0 | 71.0 | 69.0 |
| Total Key personnel | 85.0 | 75.0 | 75.0 | 72.0 | 68.0 | 68.0 | 71.0 | 69.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 98.6% | 98.5% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



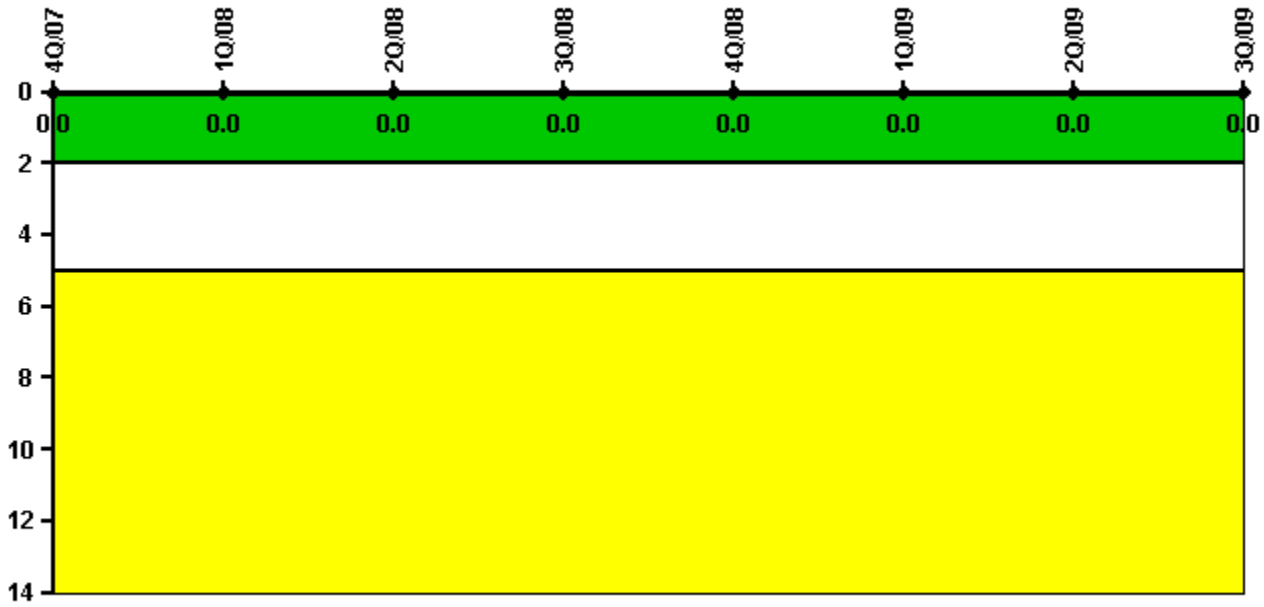
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1261 | 1258 | 1255 | 1259 | 1355 | 1162 | 1257 | 1355 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1358 | 1164 | 1261 | 1358 |
| | | | | | | | | |
| Indicator value | 99.8% | 99.8% | 99.8% | 99.8% | 99.7% | 99.7% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



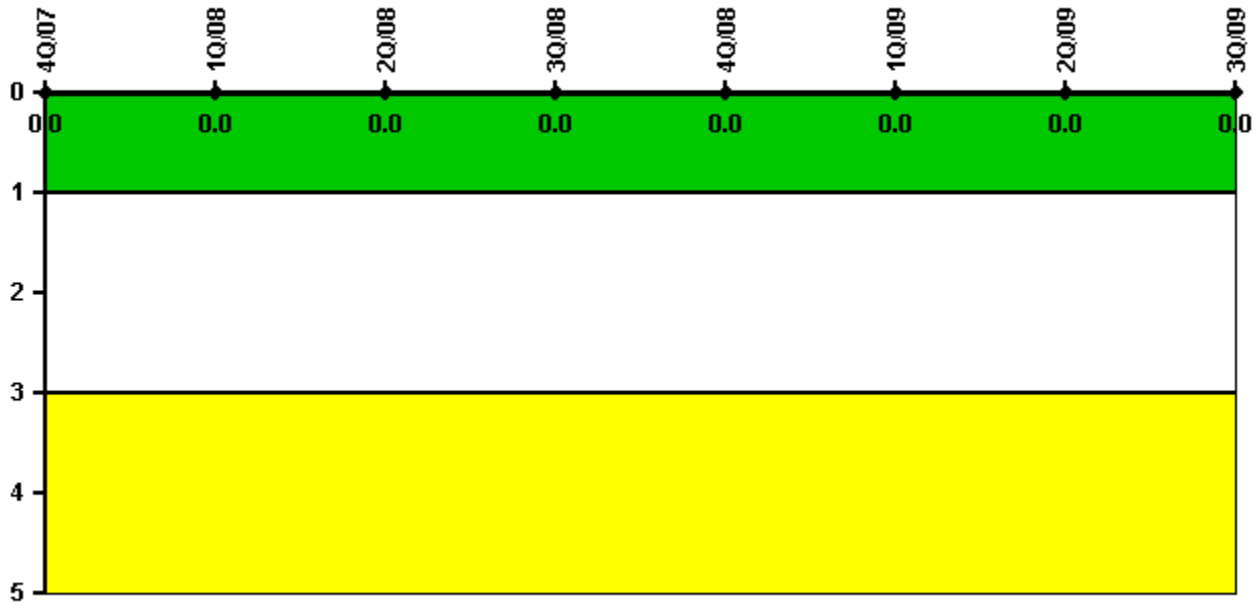
Thresholds: White > 2.0 Yellow > 5.0

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

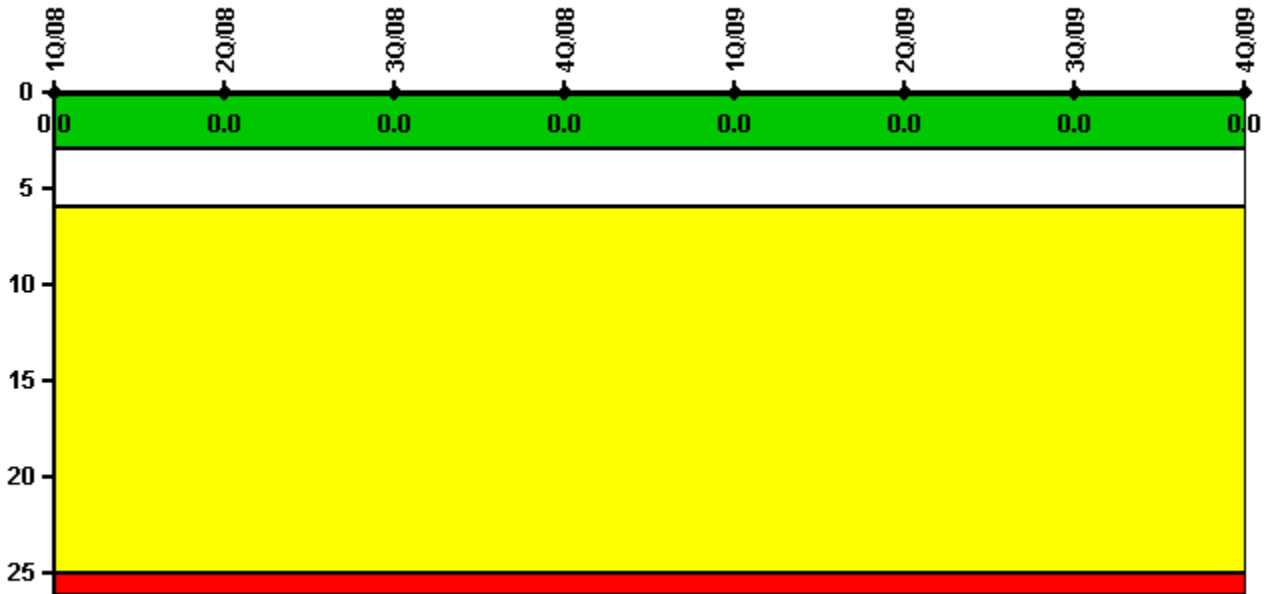
[Security](#) information not publicly available.

Peach Bottom 2

4Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



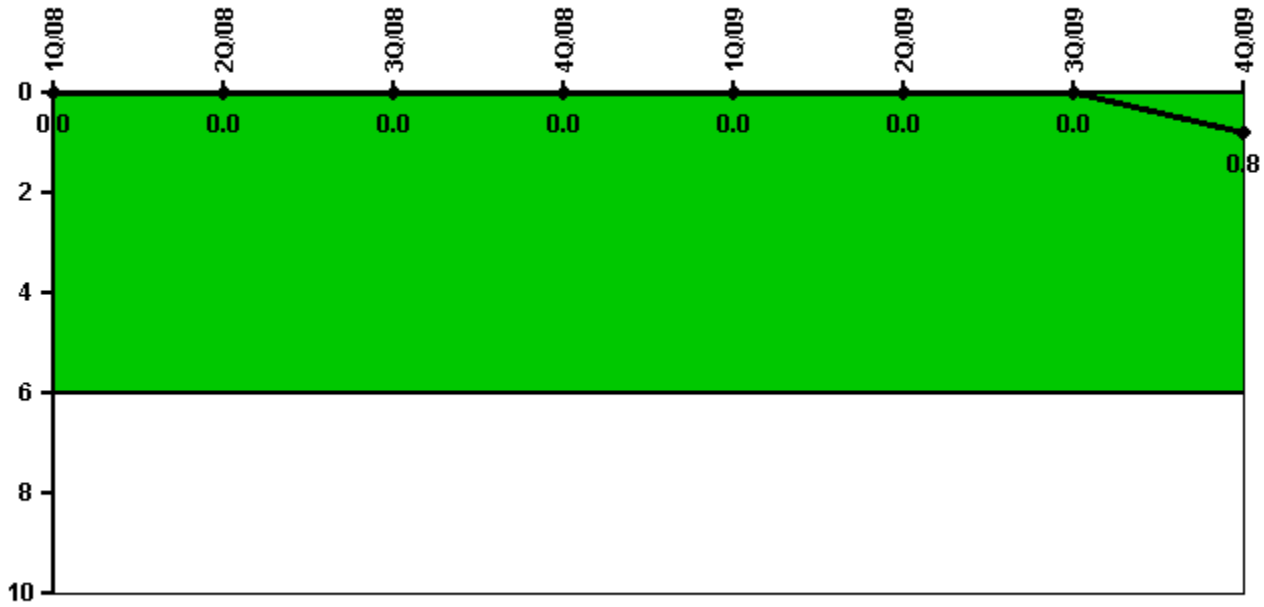
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2183.0 | 2184.0 | 1822.4 | 1770.8 | 2159.0 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



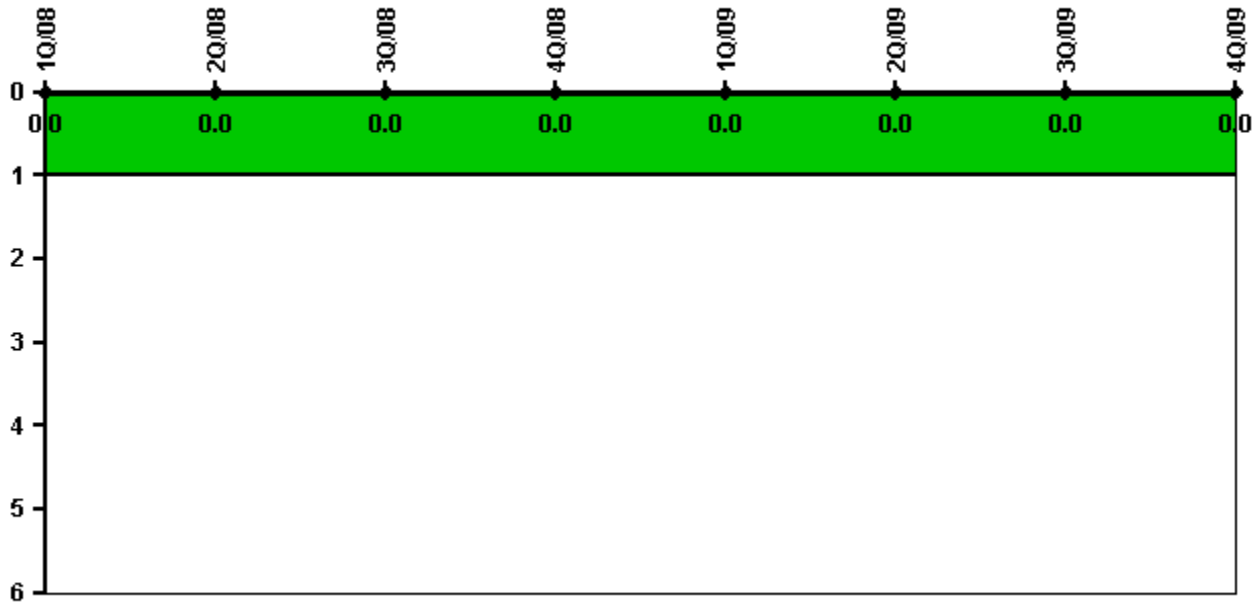
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2183.0 | 2184.0 | 1822.4 | 1770.8 | 2159.0 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



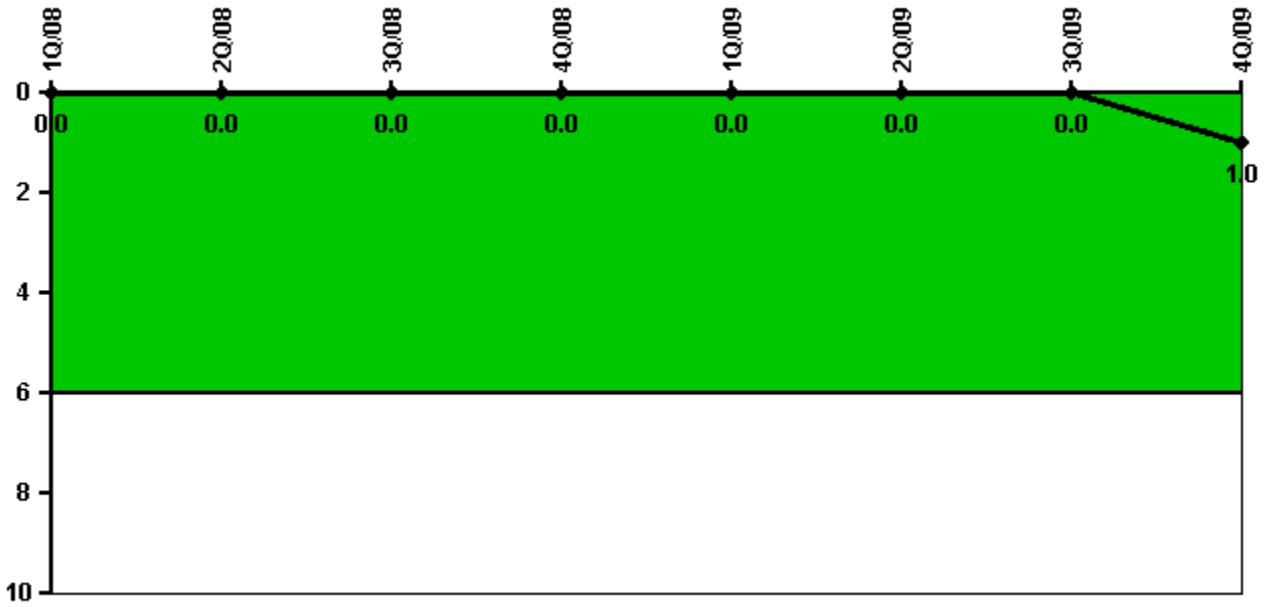
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

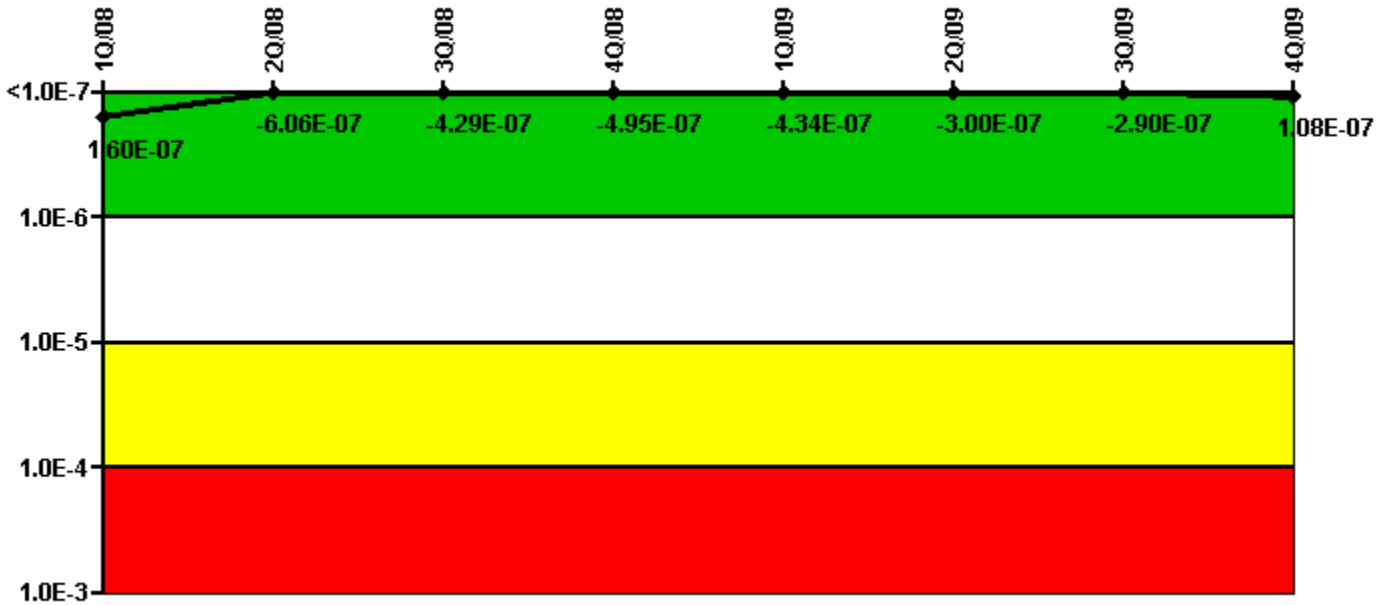
Notes

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

Licensee Comments:

4Q/09: LER 2-09-02

Mitigating Systems Performance Index, Emergency AC Power System



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

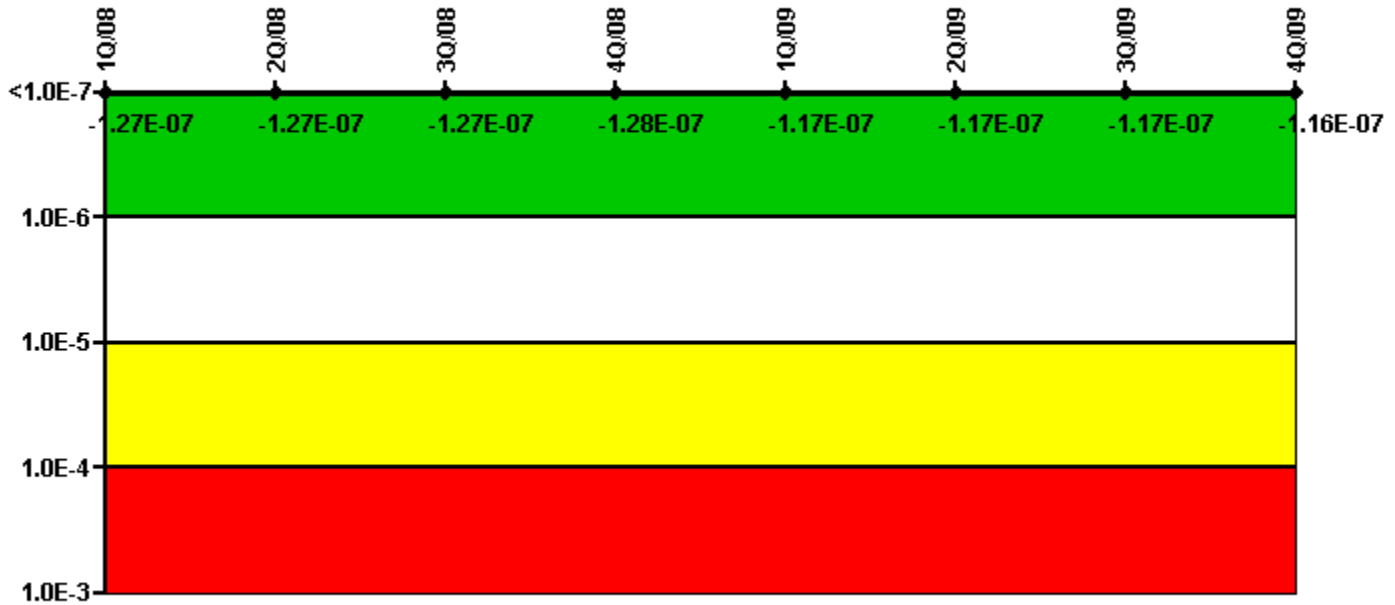
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|---|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| UAI (Δ CDF) | 2.00E-08 | 4.40E-08 | 7.10E-08 | -4.60E-09 | 5.60E-08 | 1.70E-07 | 1.50E-07 | 7.80E-08 |
| URI (Δ CDF) | 1.40E-07 | -6.50E-07 | -5.00E-07 | -4.90E-07 | -4.90E-07 | -4.70E-07 | -4.40E-07 | 3.00E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.60E-07 | -6.06E-07 | -4.29E-07 | -4.95E-07 | -4.34E-07 | -3.00E-07 | -2.90E-07 | 1.08E-07 |

Licensee Comments:

4Q/09: Changed PRA Parameter(s). MS06 4Q2009 Changed PRA Parameter(s). The PRA values for EDG systems were updated to reflect Rev 3 of the Peach Bottom PRA model, approved on 9/15/2009 and incorporated into the Peach Bottom MSPI basis document. The model revision reflects the proper output values for TM (mission time) was changed from 24 hours to 4 hours. The change is in response to an MSPI FAQ approval incorporated in NEI-99-02 Rev. 6.

Mitigating Systems Performance Index, High Pressure Injection System



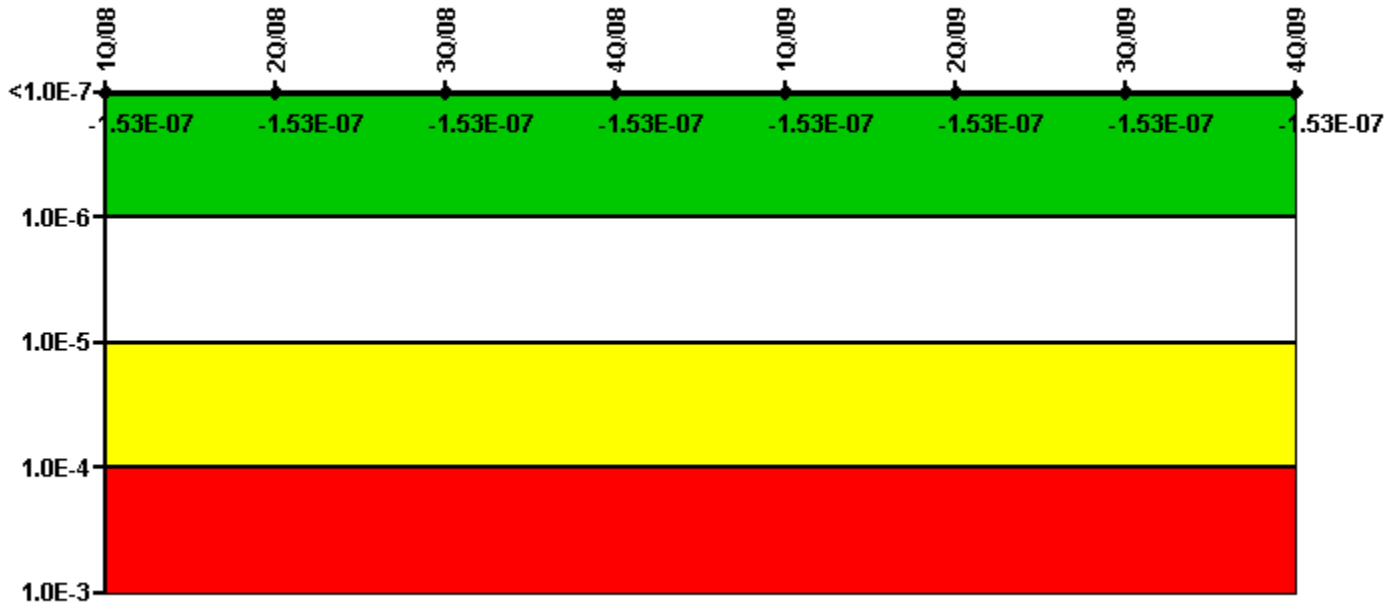
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.90E-08 | -3.90E-08 | -3.90E-08 | -4.00E-08 | -2.90E-08 | -2.90E-08 | -2.90E-08 | -2.90E-08 |
| URI (Δ CDF) | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.70E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.27E-07 | -1.27E-07 | -1.27E-07 | -1.28E-07 | -1.17E-07 | -1.17E-07 | -1.17E-07 | -1.16E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



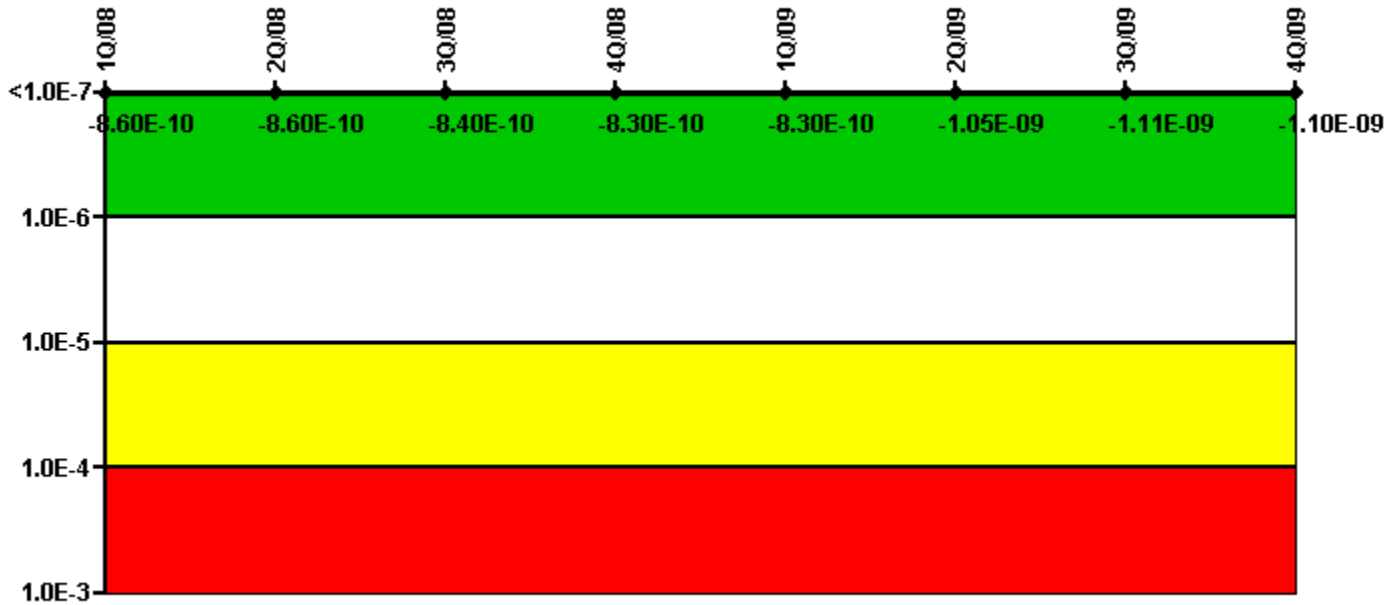
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 |
| URI (Δ CDF) | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



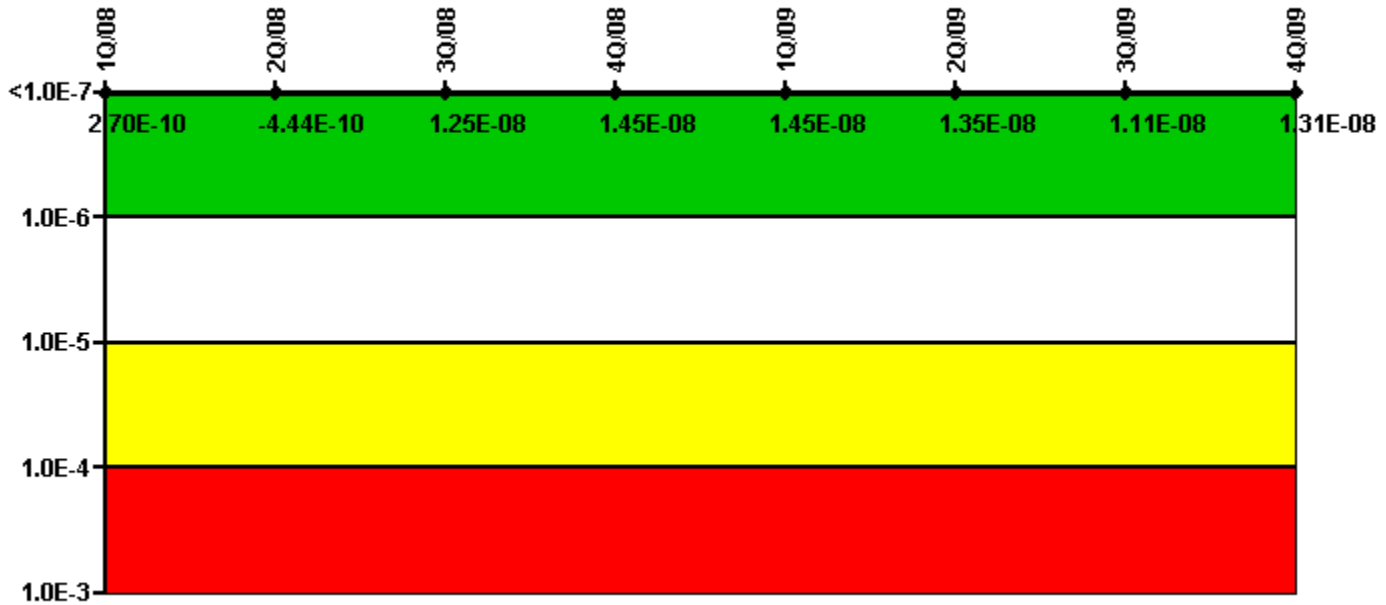
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.00E-10 | 1.00E-10 | 1.20E-10 | 1.30E-10 | 1.30E-10 | -9.40E-11 | -1.50E-10 | -1.50E-10 |
| URI (Δ CDF) | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.50E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.60E-10 | -8.60E-10 | -8.40E-10 | -8.30E-10 | -8.30E-10 | -1.05E-09 | -1.11E-09 | -1.10E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



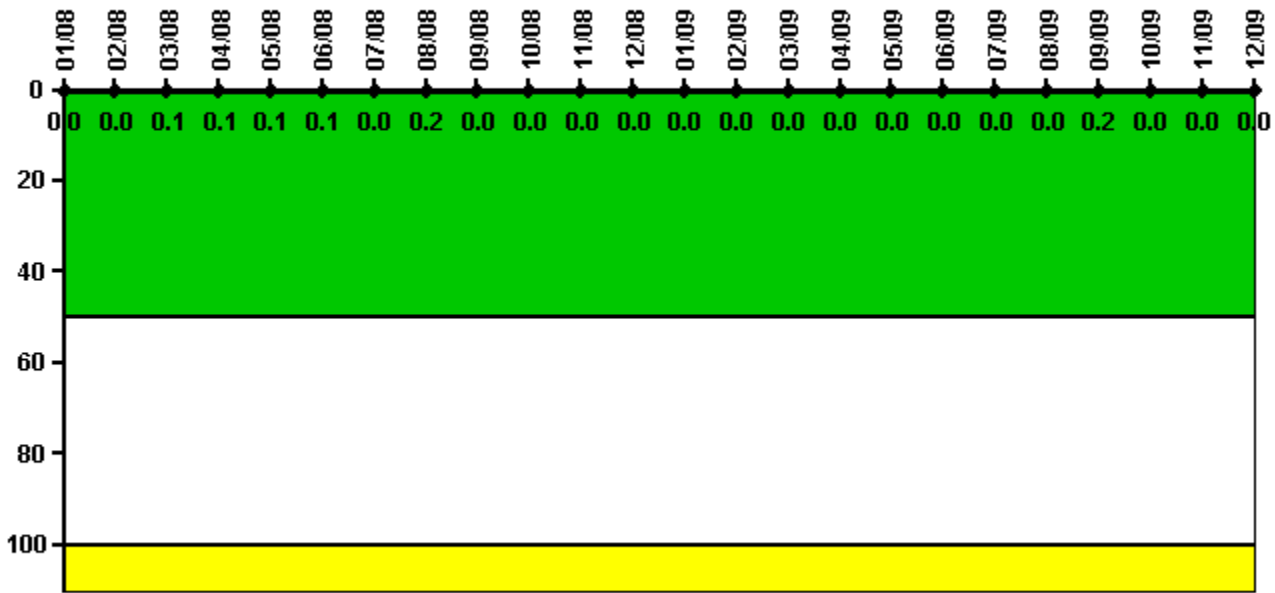
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 7.80E-10 | 6.60E-11 | 1.30E-08 | 1.50E-08 | 1.50E-08 | 1.40E-08 | 1.50E-08 | 1.70E-08 |
| URI (Δ CDF) | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -3.90E-09 | -3.90E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 2.70E-10 | -4.44E-10 | 1.25E-08 | 1.45E-08 | 1.45E-08 | 1.35E-08 | 1.11E-08 | 1.31E-08 |

Licensee Comments: none

Reactor Coolant System Activity



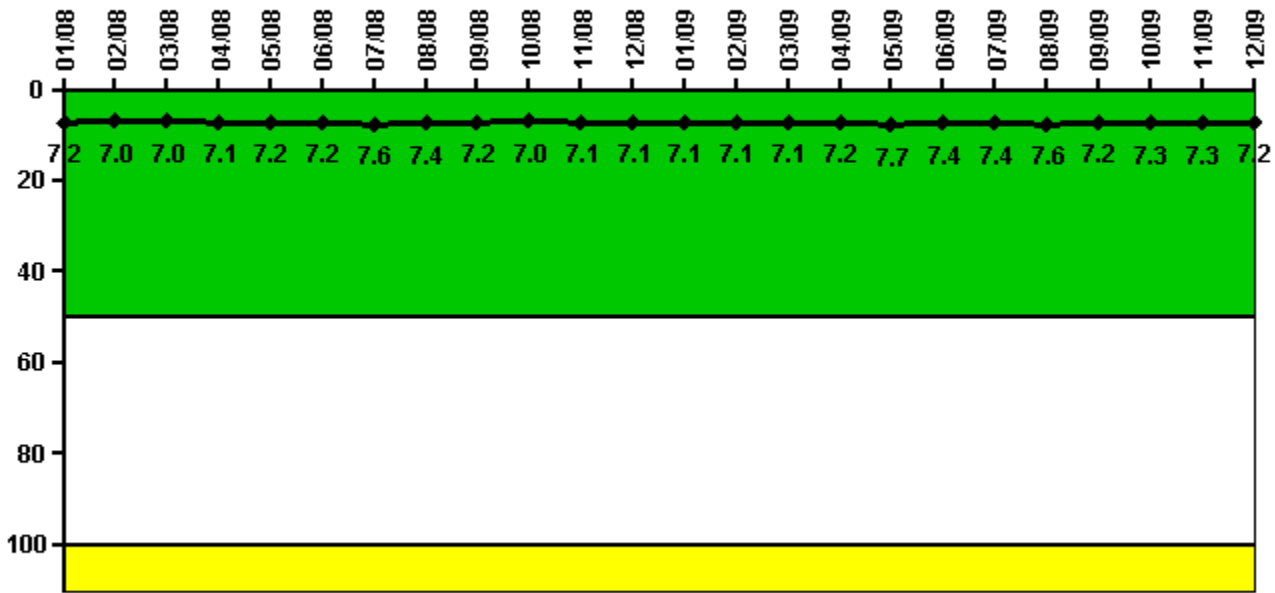
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000066 | 0.000070 | 0.000131 | 0.000223 | 0.000114 | 0.000184 | 0.000085 | 0.000378 | 0.000068 | 0.000049 | 0.000050 | 0.000061 |
| 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 | 0.1 | 0.1 | 0.1 | 0.1 | 0 | 0.2 | 0 | 0 | 0 | 0 |
| Reactor Coolant System Activity | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 |
| Maximum activity | 0.000047 | 0.000039 | 0.000050 | 0.000051 | 0.000048 | 0.000051 | 0.000063 | 0.000066 | 0.000447 | 0.000072 | 0.000045 | 0.000055 |
| 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 | 0.2 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



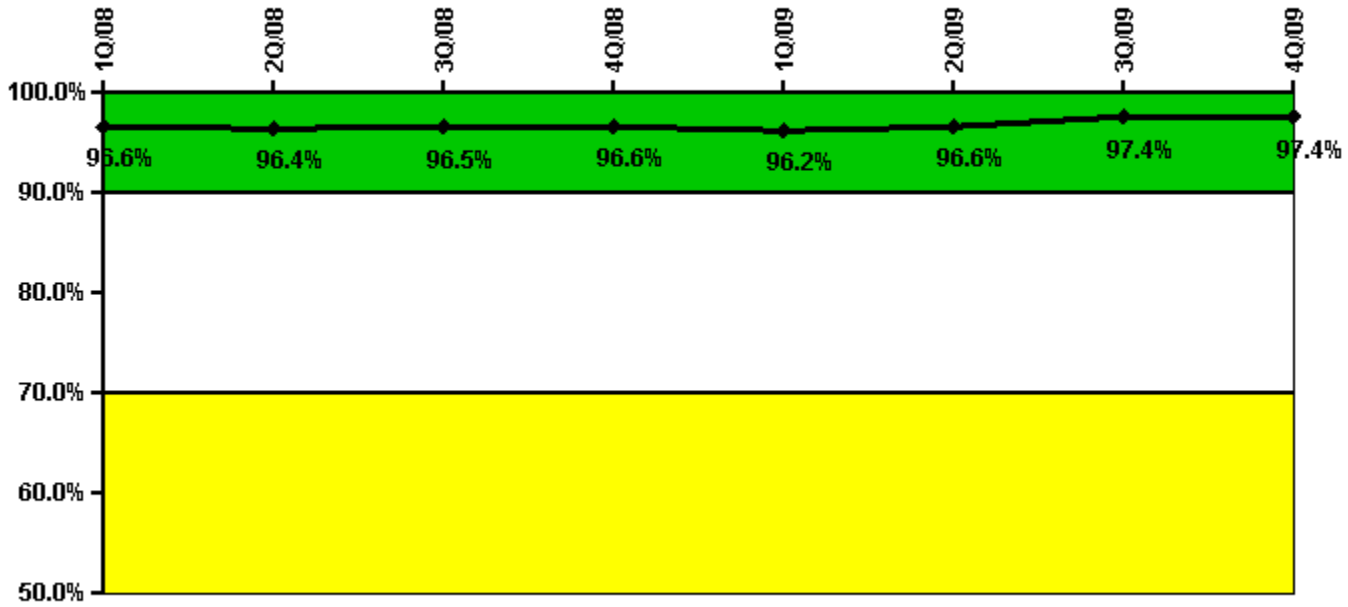
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 1/08 | 2/08 | 3/08 | 4/08 | 5/08 | 6/08 | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.790 | 1.740 | 1.750 | 1.780 | 1.800 | 1.800 | 1.890 | 1.850 | 1.810 | 1.750 | 1.780 | 1.780 |
| 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 | 7.2 | 7.0 | 7.0 | 7.1 | 7.2 | 7.2 | 7.6 | 7.4 | 7.2 | 7.0 | 7.1 | 7.1 |
| Reactor Coolant System Leakage | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 |
| Maximum leakage | 1.780 | 1.780 | 1.780 | 1.790 | 1.920 | 1.860 | 1.850 | 1.910 | 1.810 | 1.820 | 1.820 | 1.790 |
| 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 | 7.1 | 7.1 | 7.1 | 7.2 | 7.7 | 7.4 | 7.4 | 7.6 | 7.2 | 7.3 | 7.3 | 7.2 |

Licensee Comments: none

Drill/Exercise Performance



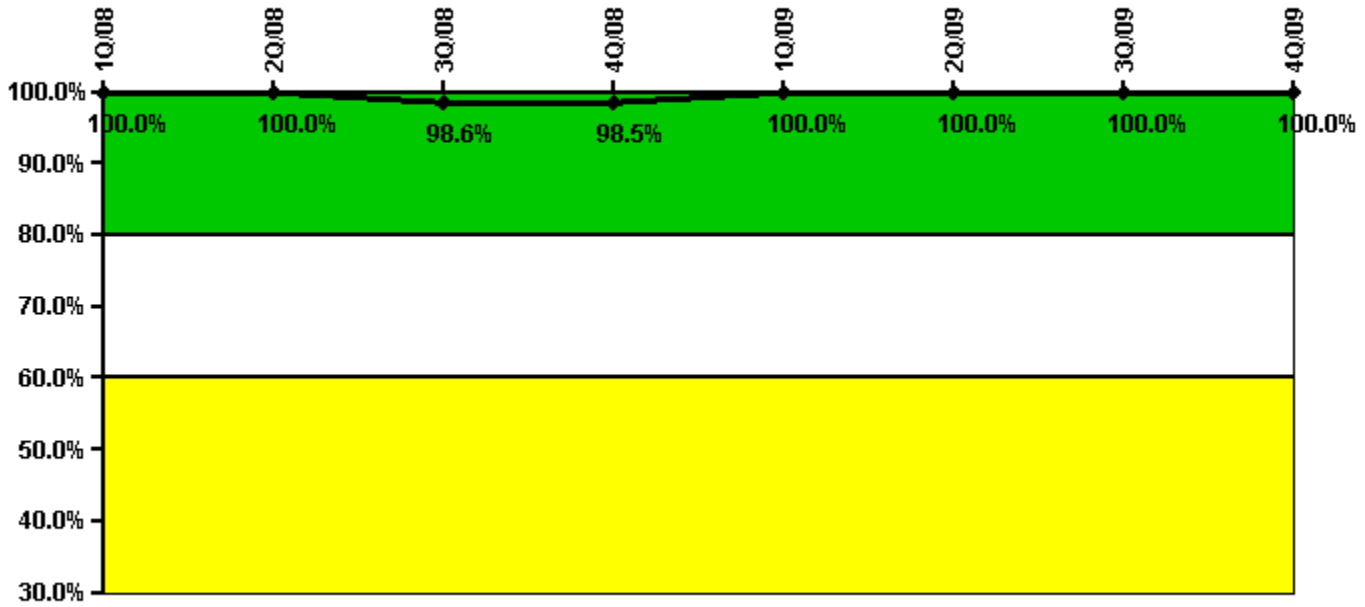
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 59.0 | 82.0 | 22.0 | 36.0 | 71.0 | 37.0 | 47.0 | 14.0 |
| Total opportunities | 63.0 | 84.0 | 22.0 | 36.0 | 73.0 | 38.0 | 48.0 | 14.0 |
| | | | | | | | | |
| Indicator value | 96.6% | 96.4% | 96.5% | 96.6% | 96.2% | 96.6% | 97.4% | 97.4% |

Licensee Comments: none

ERO Drill Participation



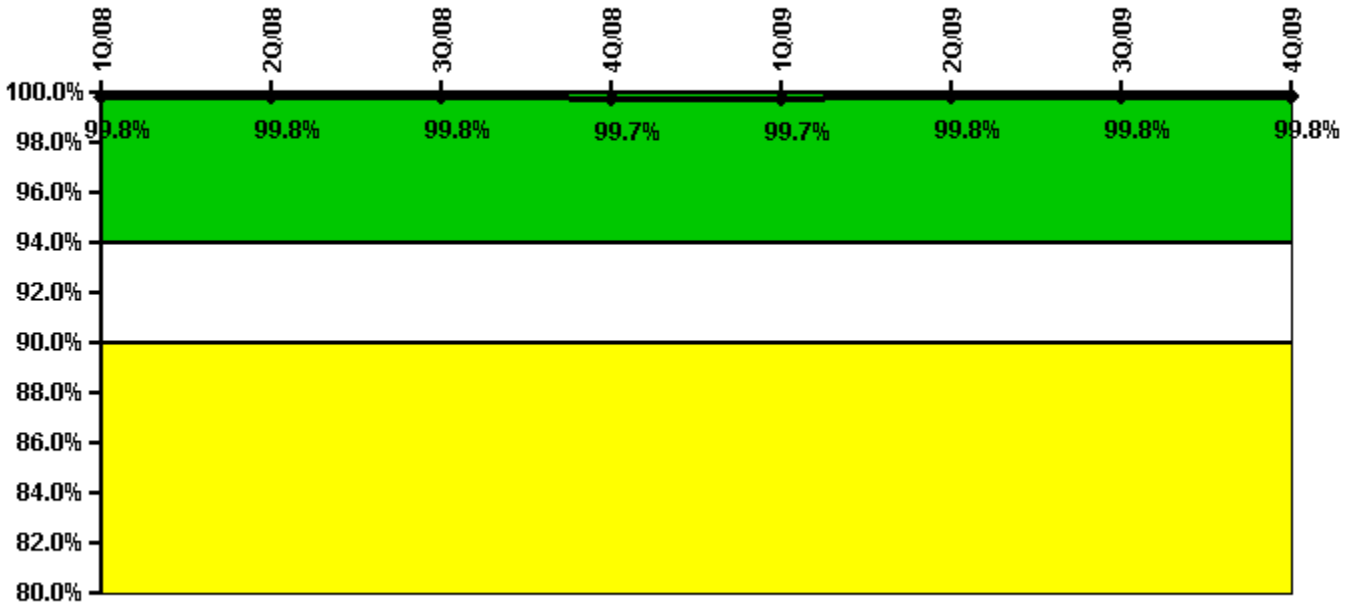
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|-----------------------------|---------------|---------------|--------------|--------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 75.0 | 75.0 | 71.0 | 67.0 | 68.0 | 71.0 | 69.0 | 67.0 |
| Total Key personnel | 75.0 | 75.0 | 72.0 | 68.0 | 68.0 | 71.0 | 69.0 | 67.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 98.6% | 98.5% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



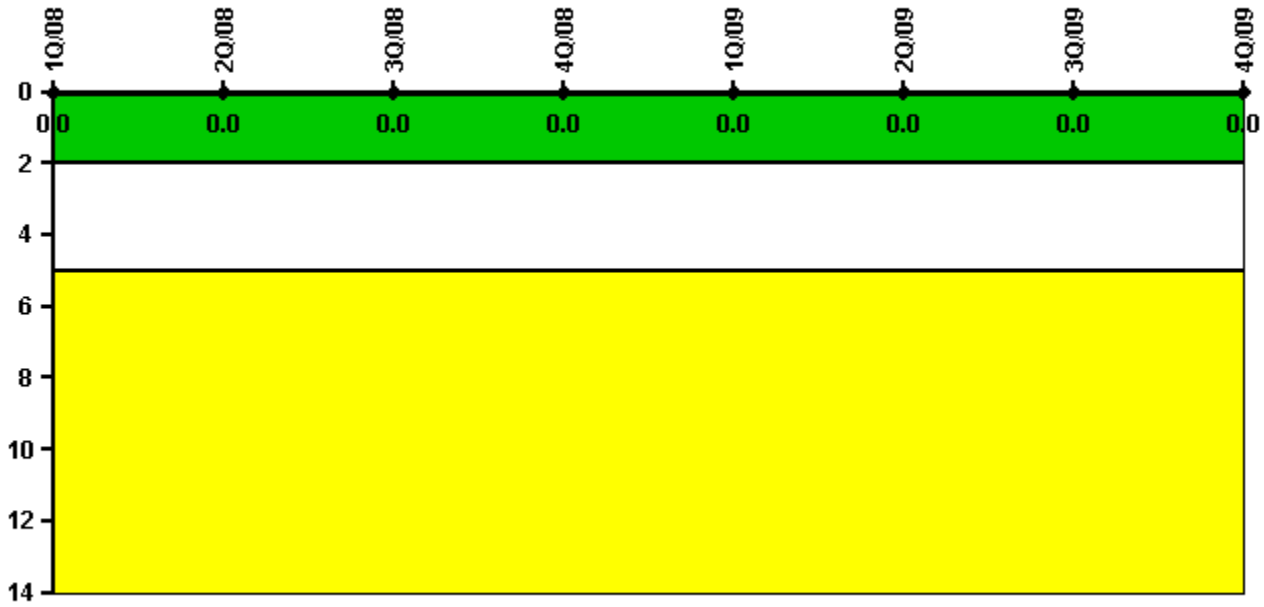
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1258 | 1255 | 1259 | 1355 | 1162 | 1257 | 1355 | 1259 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1358 | 1164 | 1261 | 1358 | 1261 |
| | | | | | | | | |
| Indicator value | 99.8% | 99.8% | 99.8% | 99.7% | 99.7% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



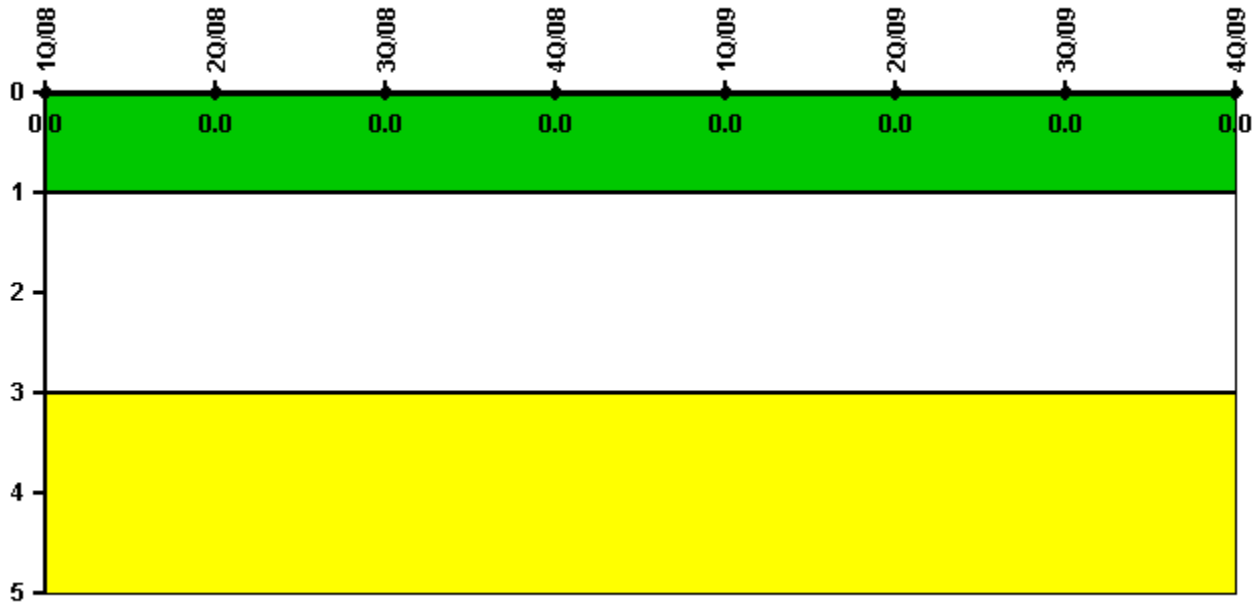
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

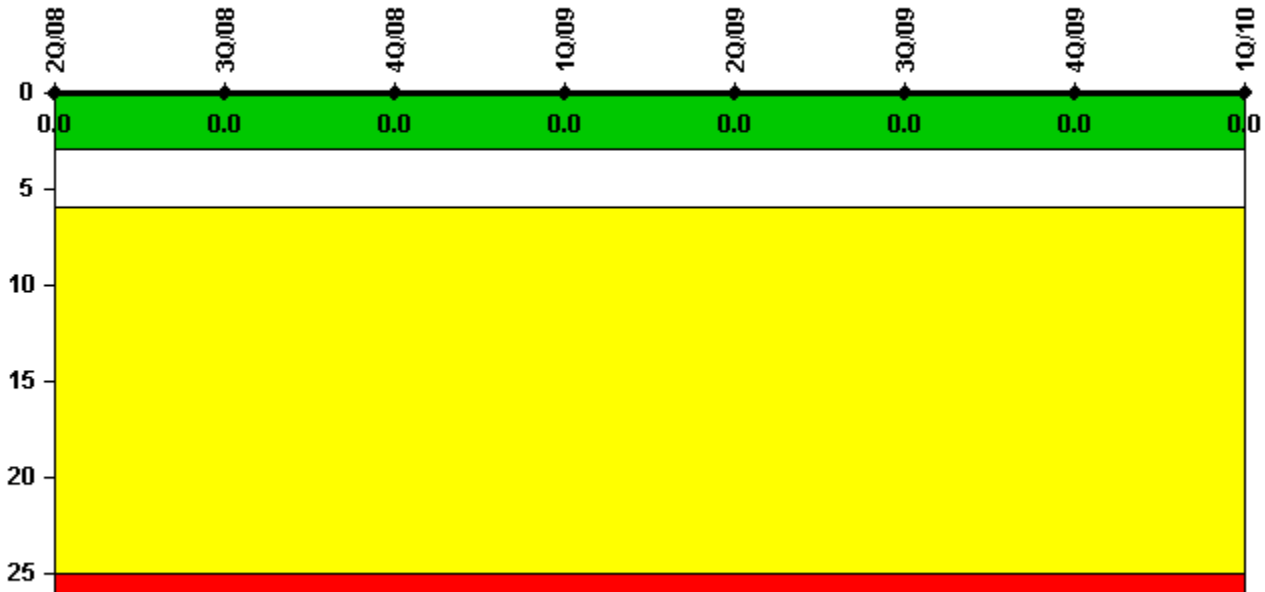
[Security](#) information not publicly available.

Peach Bottom 2

1Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



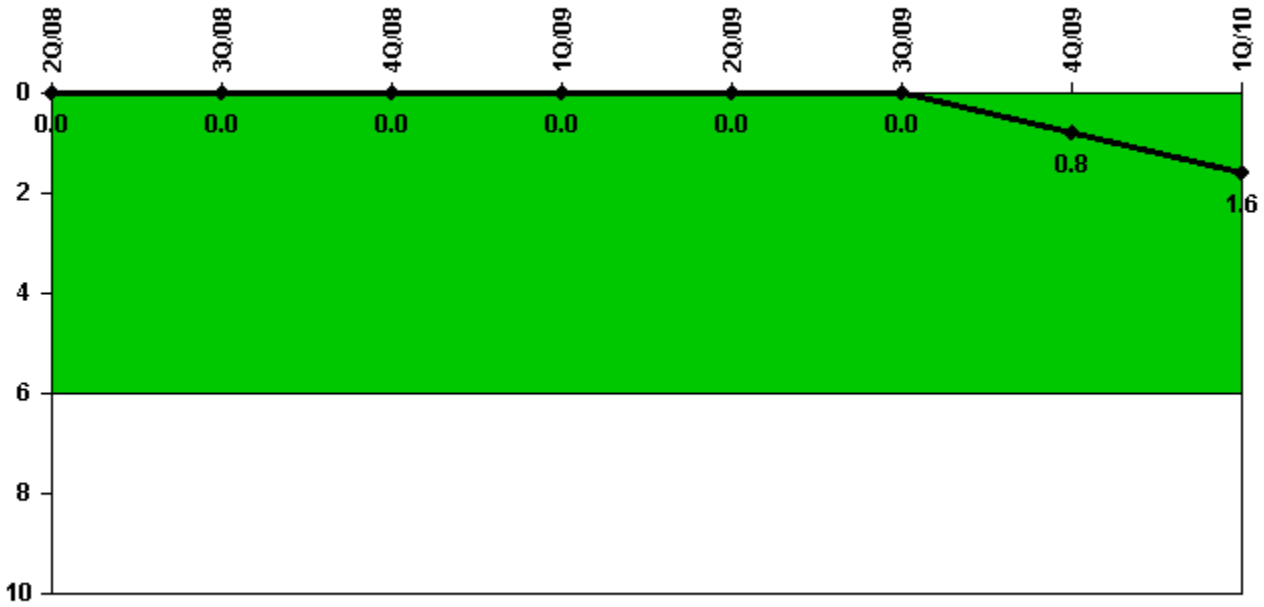
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 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 | 0 |
| Critical hours | 2184.0 | 1822.4 | 1770.8 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



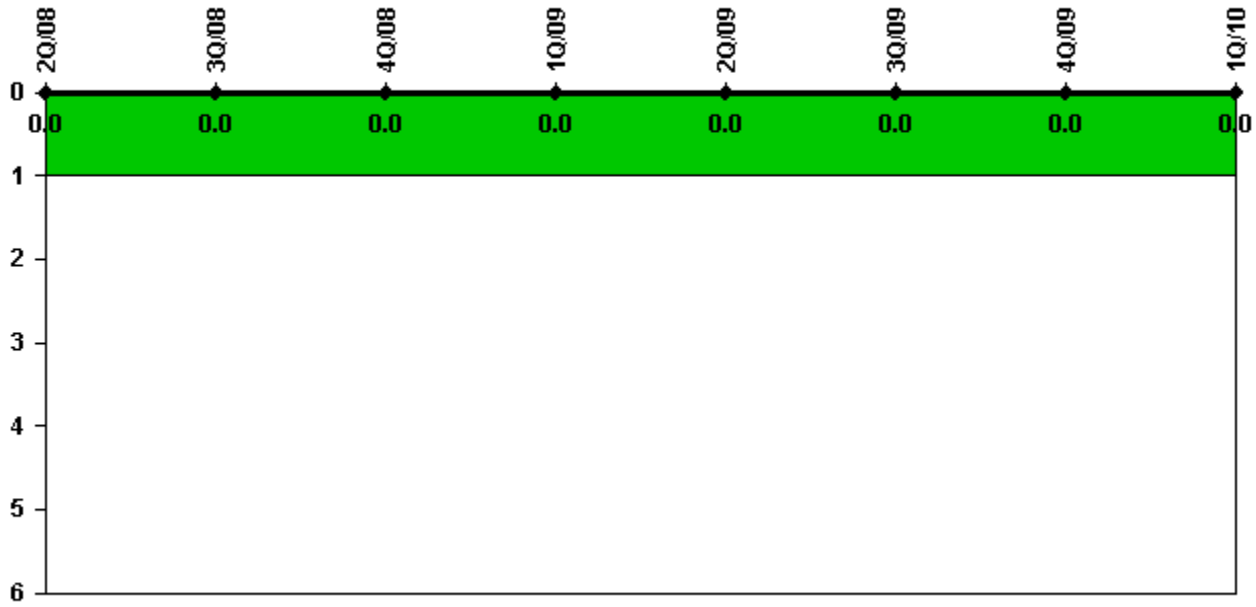
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|----------|----------|----------|----------|----------|----------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 |
| Critical hours | 2184.0 | 1822.4 | 1770.8 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0.8 | 1.6 |

Licensee Comments: none

Unplanned Scrams with Complications



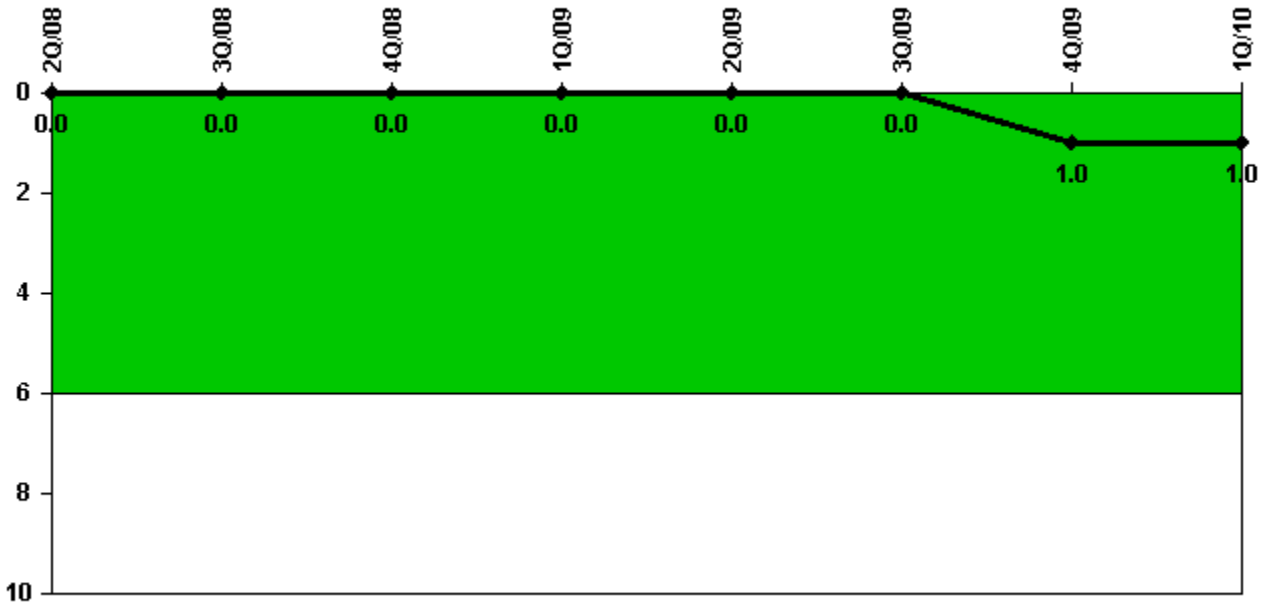
Thresholds: White > 1.0

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)



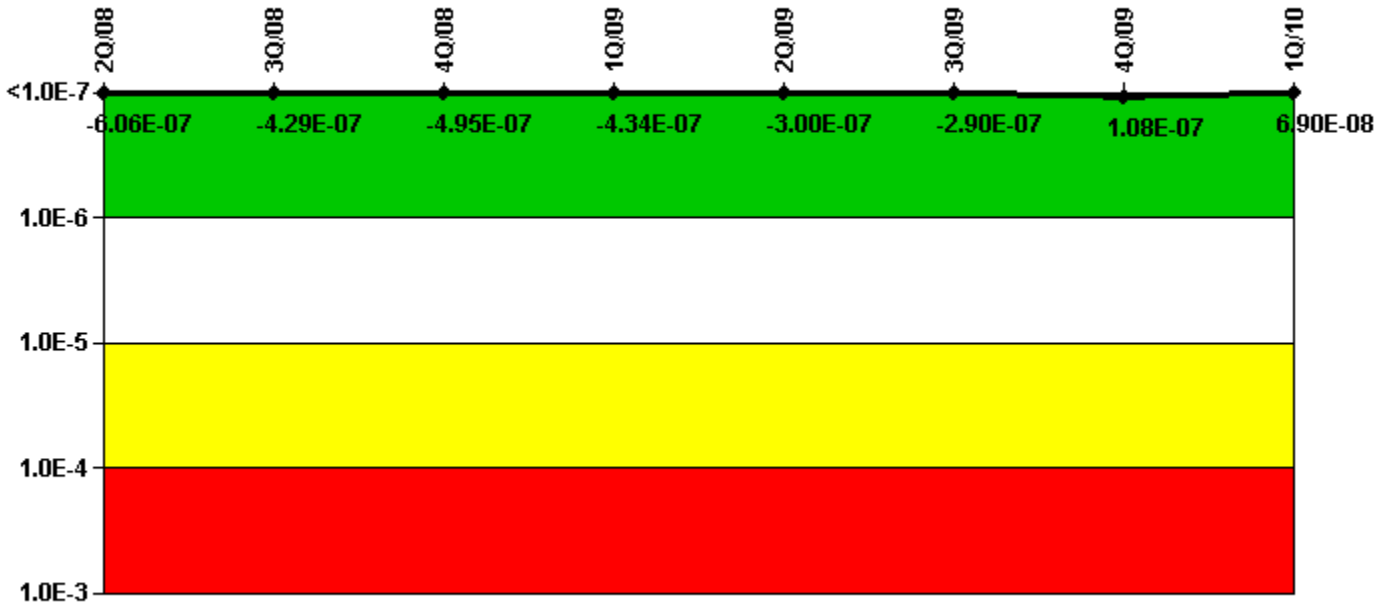
Thresholds: White > 6.0

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: none

Mitigating Systems Performance Index, Emergency AC Power System



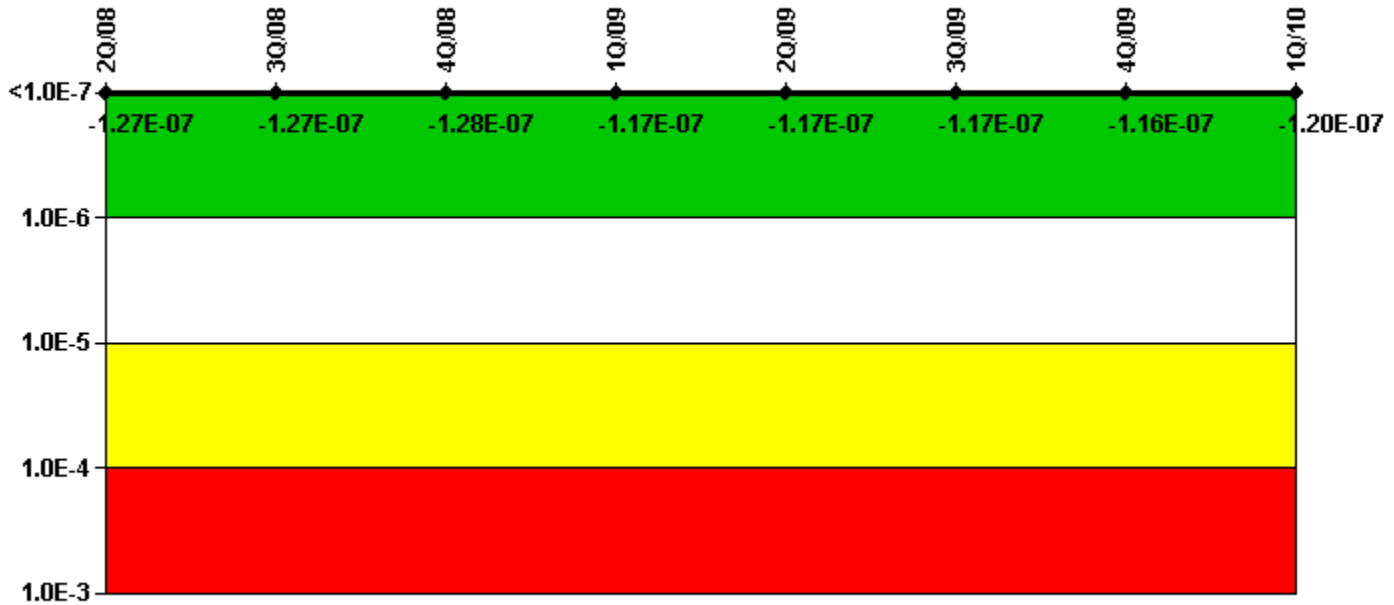
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| UAI (Δ CDF) | 4.40E-08 | 7.10E-08 | -4.60E-09 | 5.60E-08 | 1.70E-07 | 1.50E-07 | 7.80E-08 | 3.02E-08 |
| URI (Δ CDF) | -6.50E-07 | -5.00E-07 | -4.90E-07 | -4.90E-07 | -4.70E-07 | -4.40E-07 | 3.00E-08 | 3.88E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -6.06E-07 | -4.29E-07 | -4.95E-07 | -4.34E-07 | -3.00E-07 | -2.90E-07 | 1.08E-07 | 6.90E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



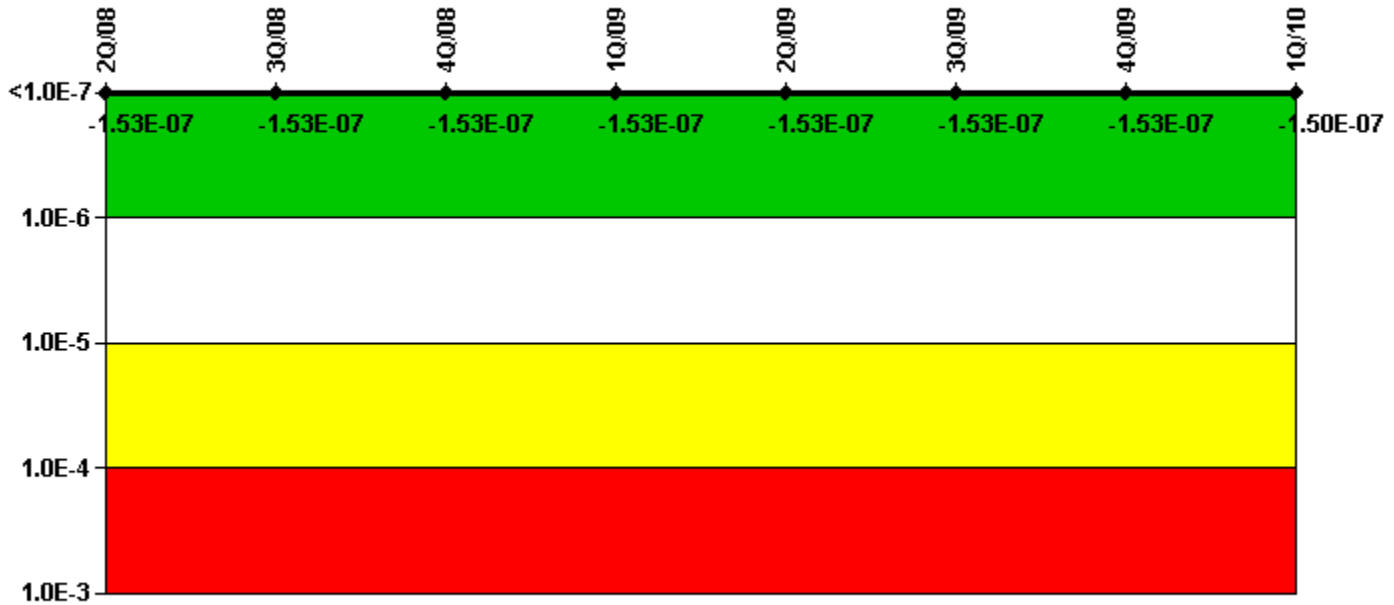
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.90E-08 | -3.90E-08 | -4.00E-08 | -2.90E-08 | -2.90E-08 | -2.90E-08 | -2.90E-08 | -3.02E-08 |
| URI (Δ CDF) | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.70E-08 | -8.72E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.27E-07 | -1.27E-07 | -1.28E-07 | -1.17E-07 | -1.17E-07 | -1.17E-07 | -1.16E-07 | -1.20E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



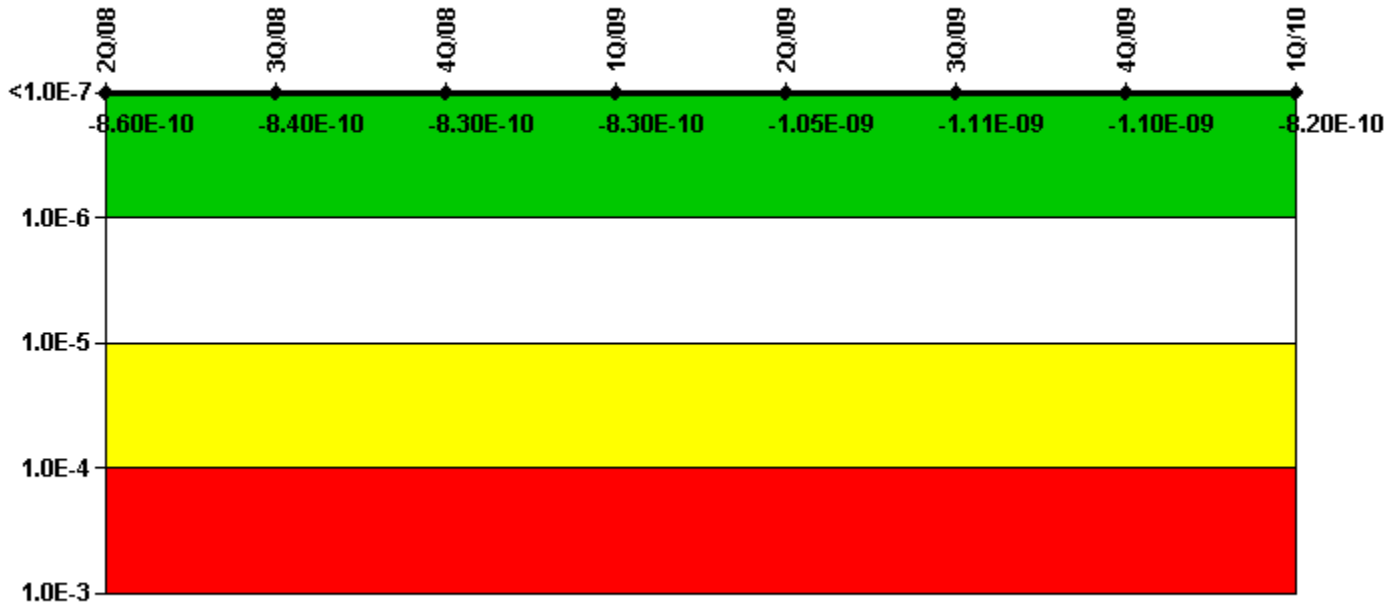
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 |
| URI (Δ CDF) | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.06E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.50E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



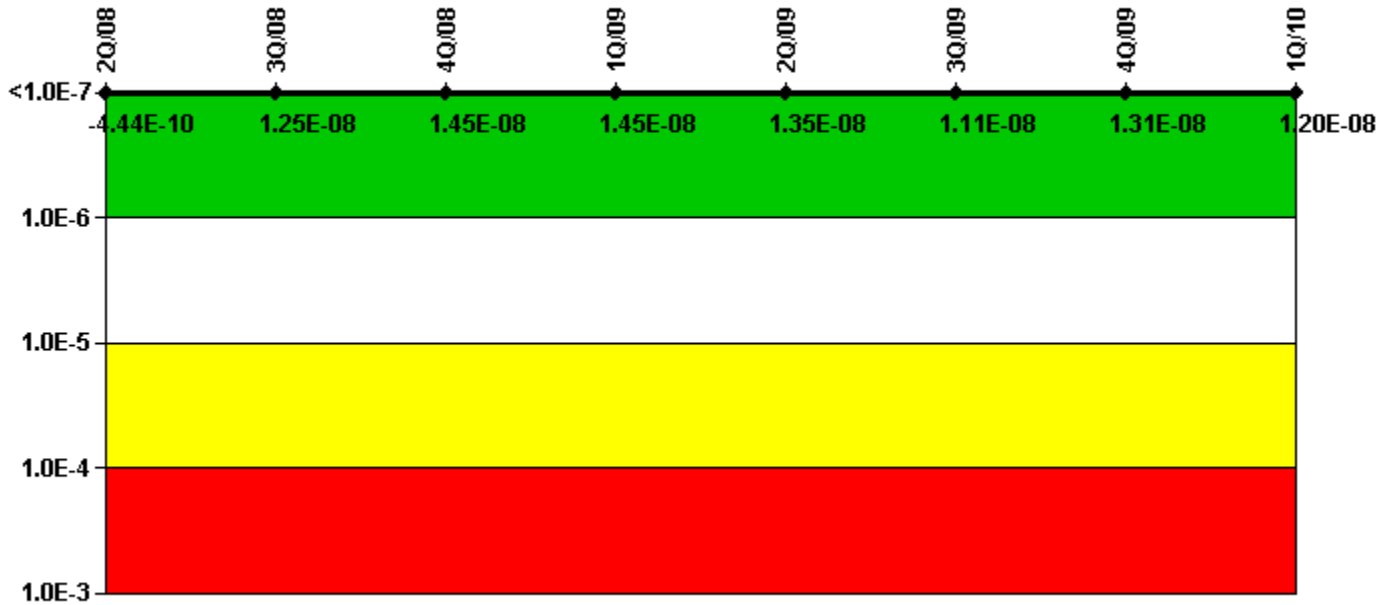
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | 1.00E-10 | 1.20E-10 | 1.30E-10 | 1.30E-10 | -9.40E-11 | -1.50E-10 | -1.50E-10 | 1.30E-10 |
| URI (Δ CDF) | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.50E-10 | -9.52E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.60E-10 | -8.40E-10 | -8.30E-10 | -8.30E-10 | -1.05E-09 | -1.11E-09 | -1.10E-09 | -8.20E-10 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



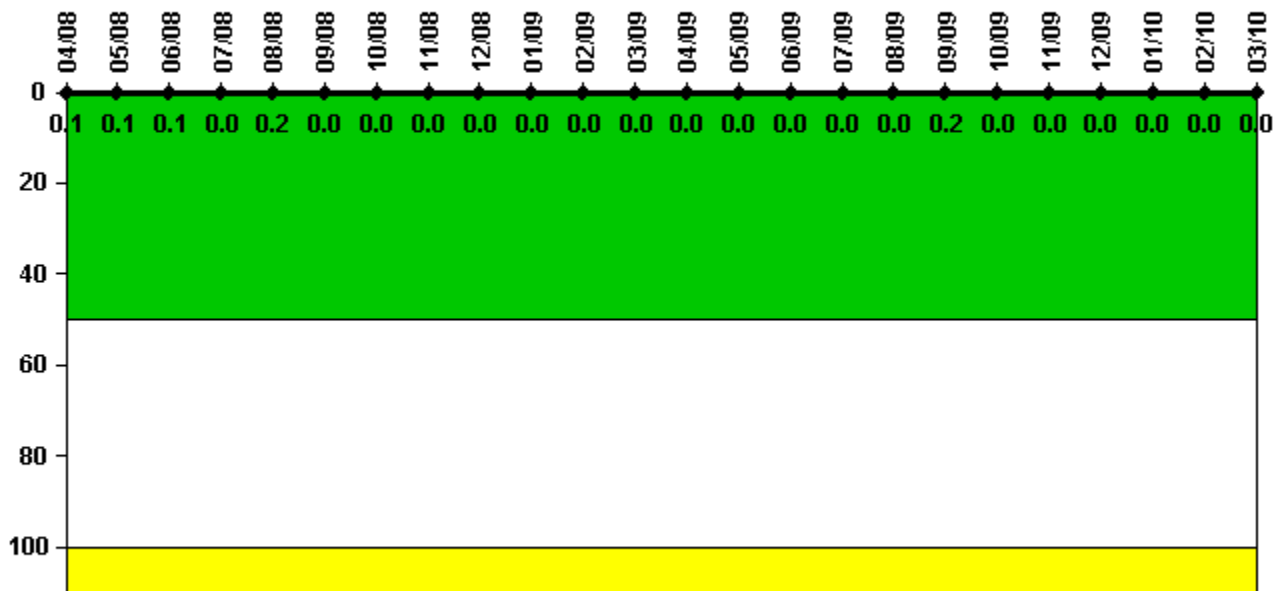
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | 6.60E-11 | 1.30E-08 | 1.50E-08 | 1.50E-08 | 1.40E-08 | 1.50E-08 | 1.70E-08 | 1.56E-08 |
| URI (Δ CDF) | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -3.90E-09 | -3.90E-09 | -3.87E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -4.44E-10 | 1.25E-08 | 1.45E-08 | 1.45E-08 | 1.35E-08 | 1.11E-08 | 1.31E-08 | 1.20E-08 |

Licensee Comments: none

Reactor Coolant System Activity



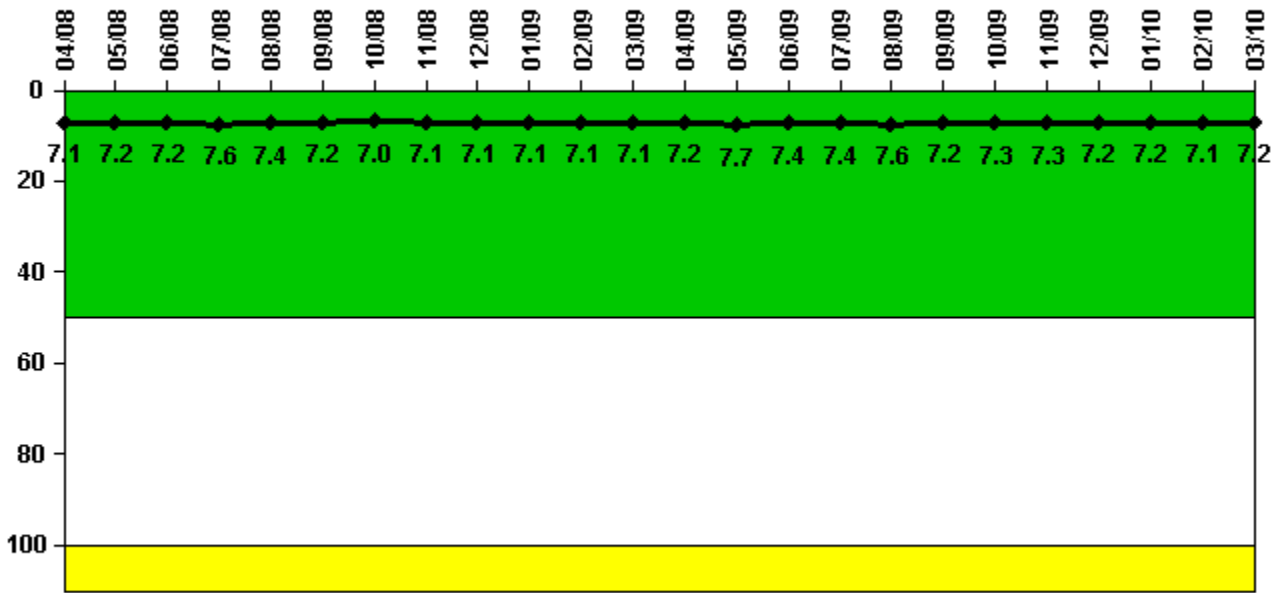
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 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 activity | 0.000223 | 0.000114 | 0.000184 | 0.000085 | 0.000378 | 0.000068 | 0.000049 | 0.000050 | 0.000061 | 0.000047 | 0.000039 | 0.000050 |
| 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 | 0.1 | 0.1 | 0.1 | 0 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reactor Coolant System Activity | 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 activity | 0.000051 | 0.000048 | 0.000051 | 0.000063 | 0.000066 | 0.000447 | 0.000072 | 0.000045 | 0.000055 | 0.000046 | 0.000061 | 0.000030 |
| 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 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

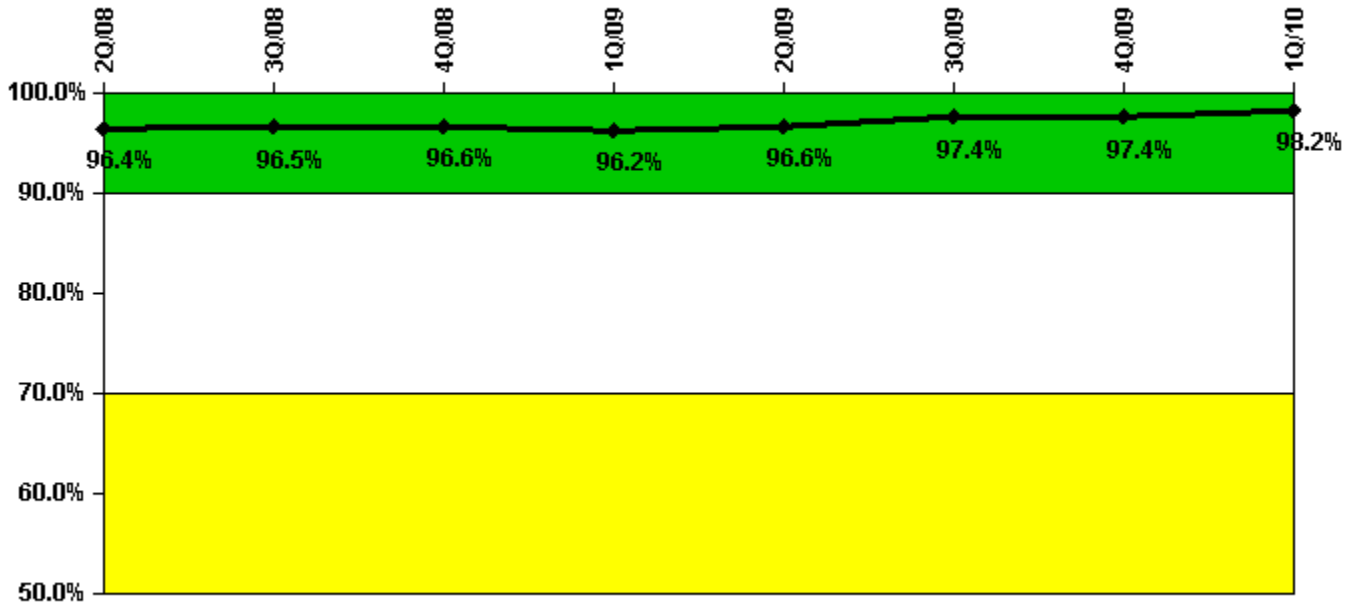
Notes

| Reactor Coolant System Leakage | 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 | 1.780 | 1.800 | 1.800 | 1.890 | 1.850 | 1.810 | 1.750 | 1.780 | 1.780 | 1.780 | 1.780 | 1.780 |
| 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 | 7.1 | 7.2 | 7.2 | 7.6 | 7.4 | 7.2 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |

| 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 | 1.790 | 1.920 | 1.860 | 1.850 | 1.910 | 1.810 | 1.820 | 1.820 | 1.790 | 1.810 | 1.780 | 1.790 |
| 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 | 7.2 | 7.7 | 7.4 | 7.4 | 7.6 | 7.2 | 7.3 | 7.3 | 7.2 | 7.2 | 7.1 | 7.2 |

Licensee Comments: none

Drill/Exercise Performance



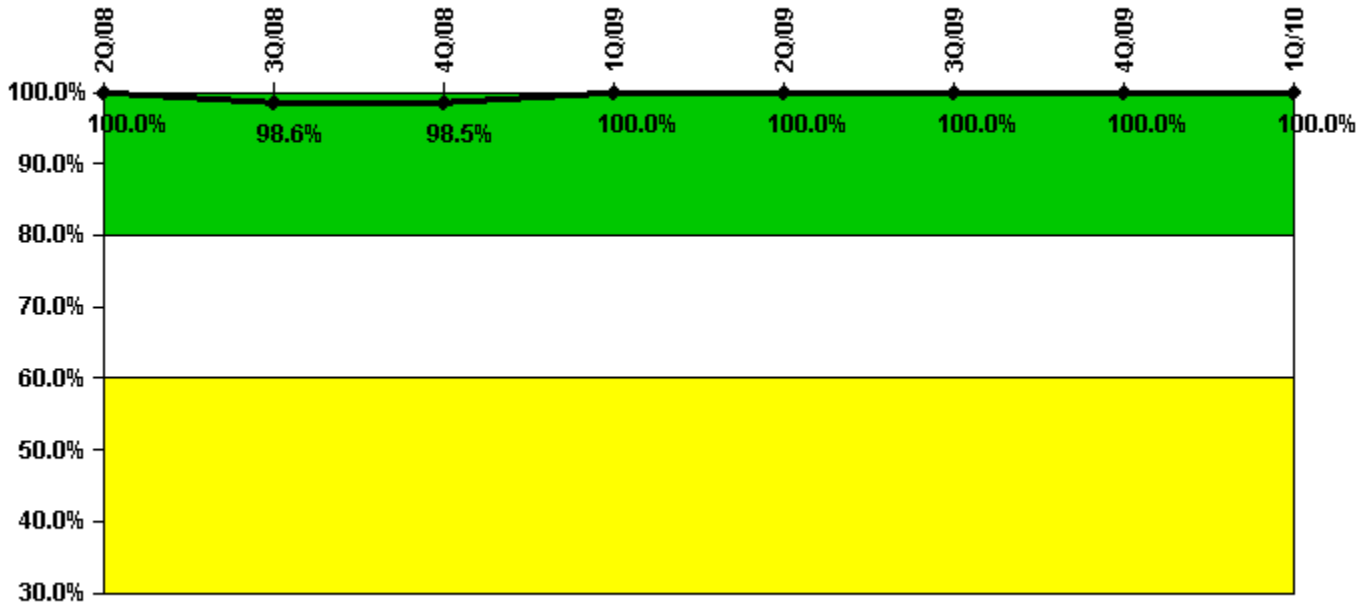
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 82.0 | 22.0 | 36.0 | 71.0 | 37.0 | 47.0 | 14.0 | 72.0 |
| Total opportunities | 84.0 | 22.0 | 36.0 | 73.0 | 38.0 | 48.0 | 14.0 | 73.0 |
| | | | | | | | | |
| Indicator value | 96.4% | 96.5% | 96.6% | 96.2% | 96.6% | 97.4% | 97.4% | 98.2% |

Licensee Comments: none

ERO Drill Participation



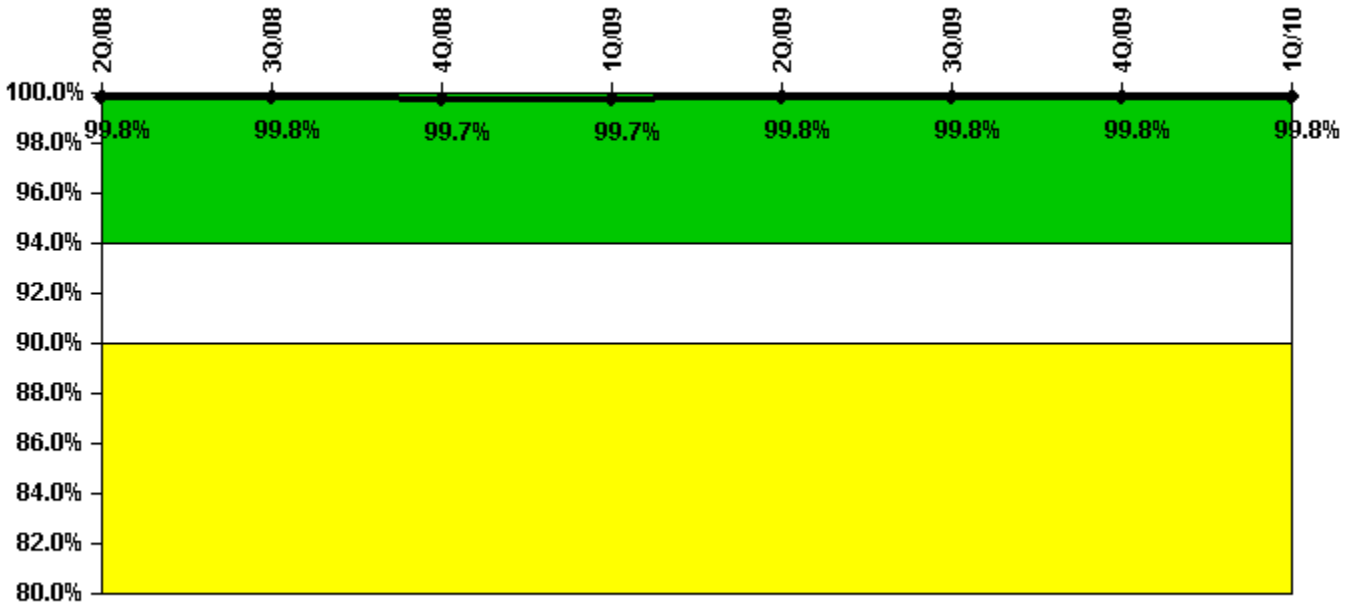
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|-----------------------------|---------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 75.0 | 71.0 | 67.0 | 68.0 | 71.0 | 69.0 | 67.0 | 68.0 |
| Total Key personnel | 75.0 | 72.0 | 68.0 | 68.0 | 71.0 | 69.0 | 67.0 | 68.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 98.6% | 98.5% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



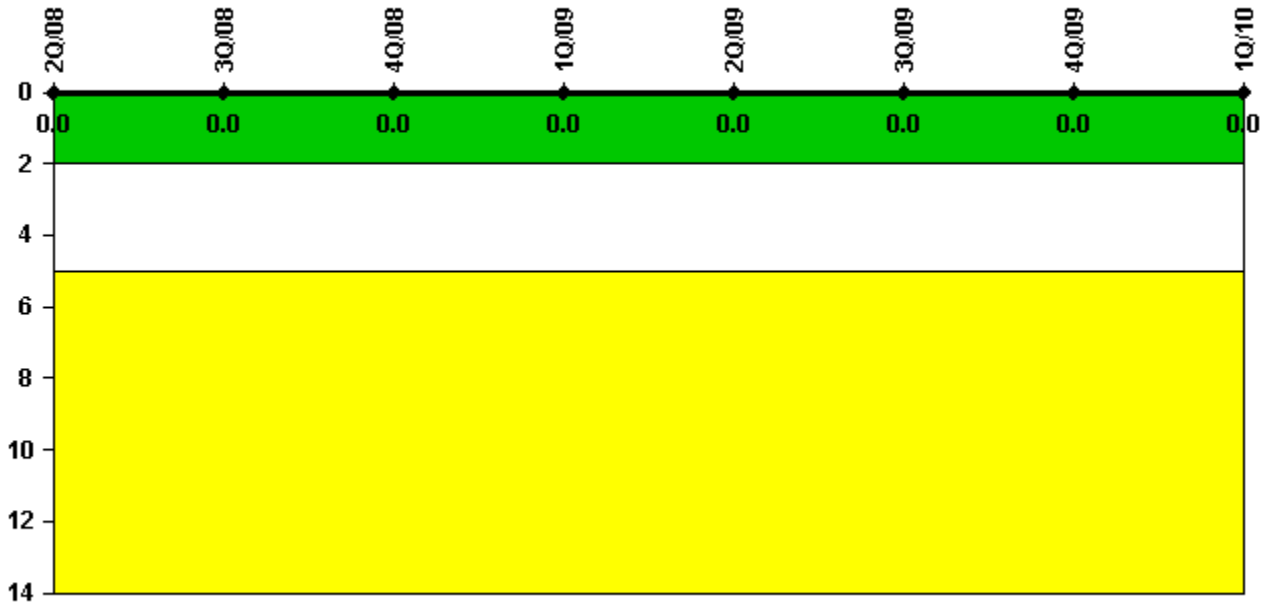
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/08 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1255 | 1259 | 1355 | 1162 | 1257 | 1355 | 1259 | 1259 |
| Total sirens-tests | 1261 | 1261 | 1358 | 1164 | 1261 | 1358 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.8% | 99.8% | 99.7% | 99.7% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



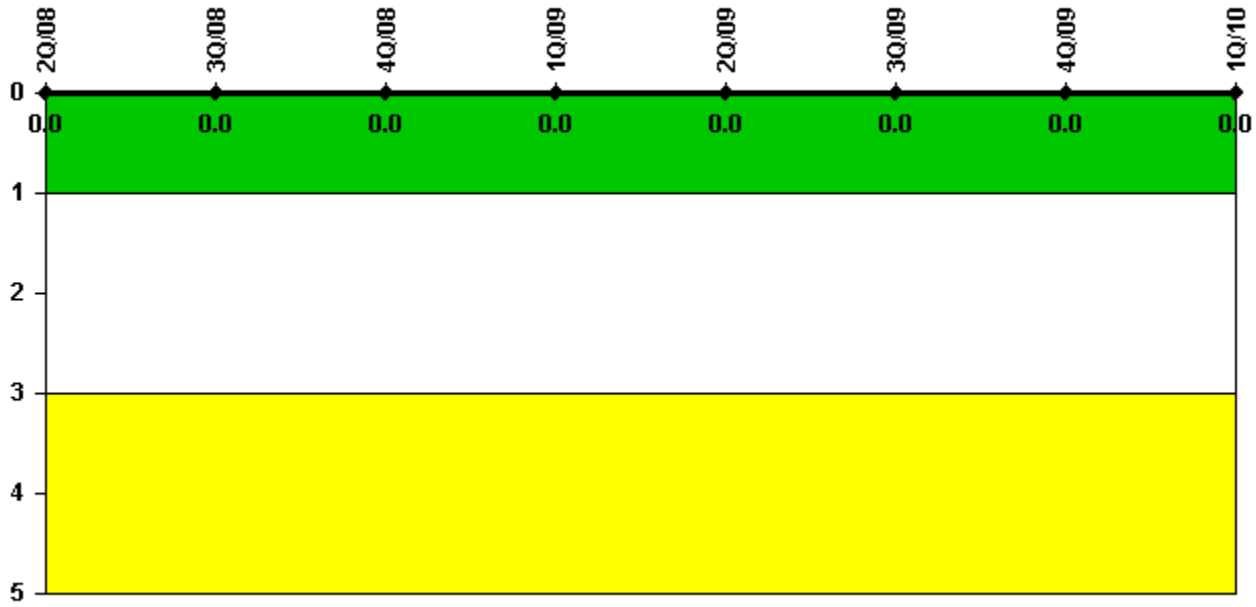
Thresholds: White > 2.0 Yellow > 5.0

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

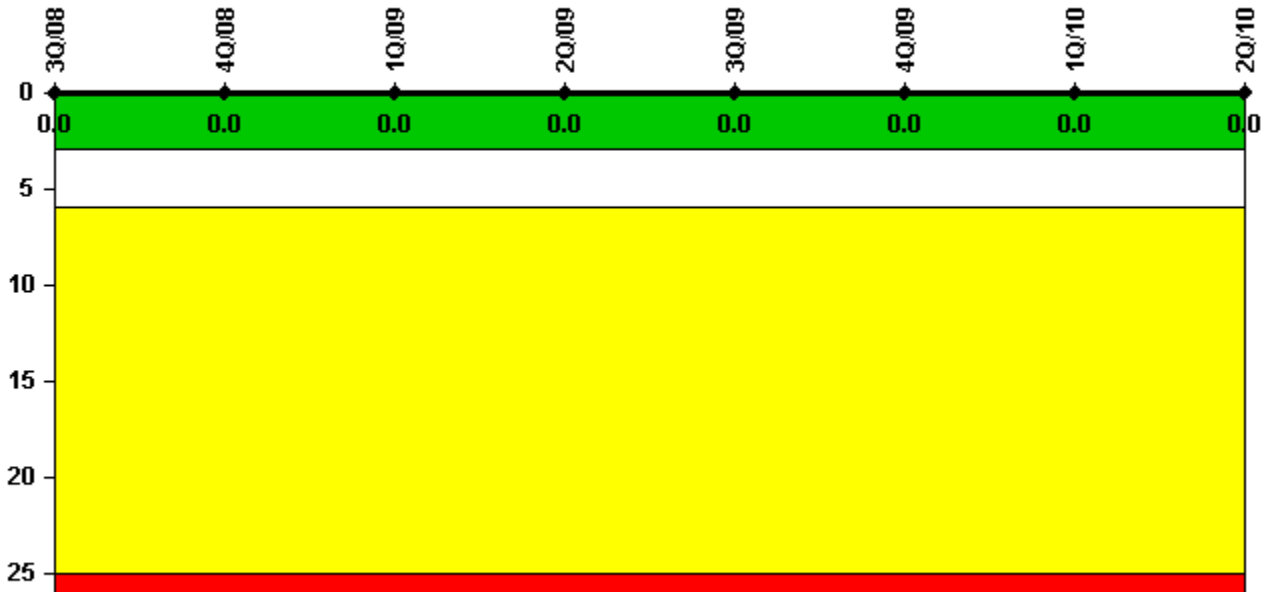
[Security](#) information not publicly available.

Peach Bottom 2

2Q/2010 Performance Indicators

Licensee's General Comments: Error in data reporting. Does not affect color of the indicator.

Unplanned Scrams per 7000 Critical Hrs



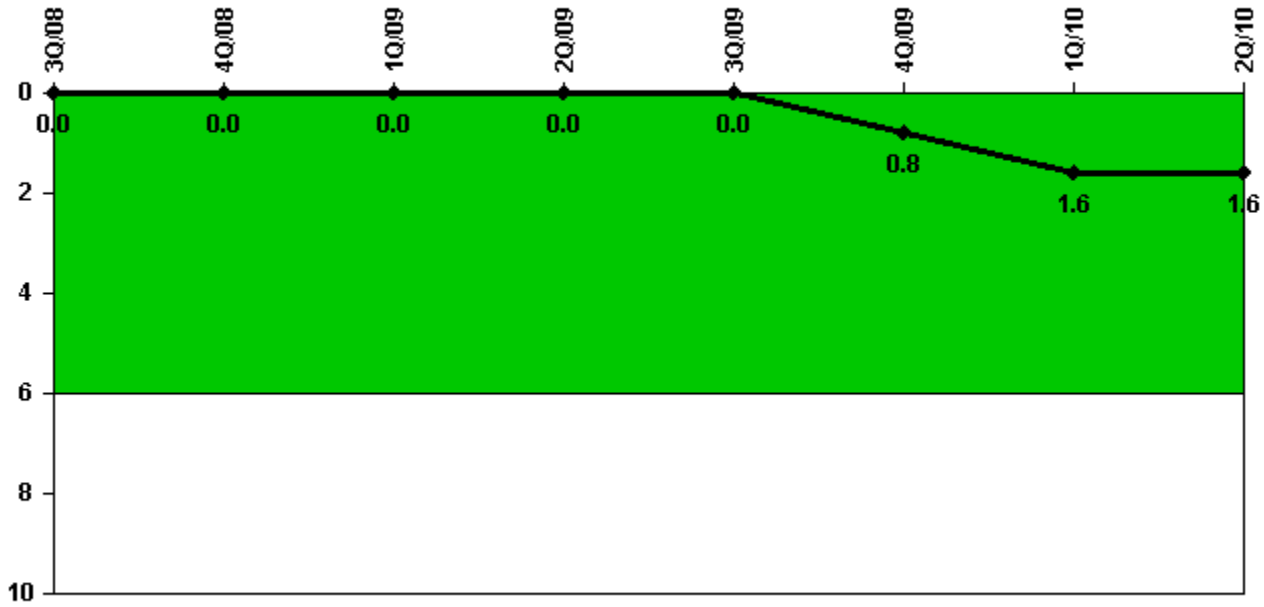
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1822.4 | 1770.8 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



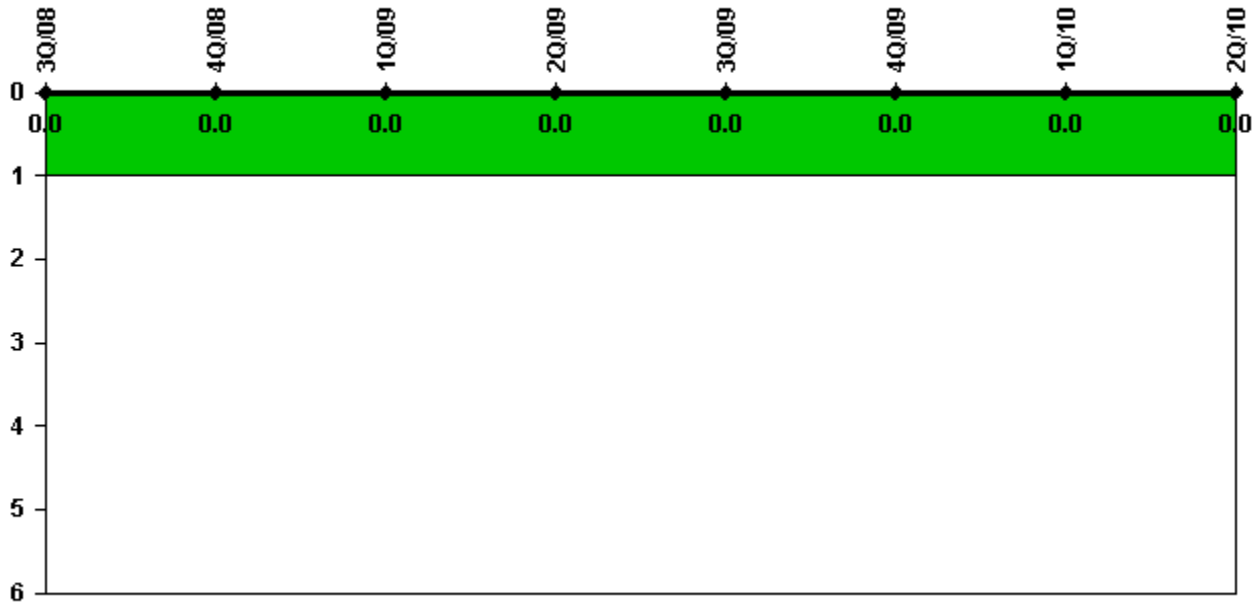
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|---|----------|----------|----------|----------|----------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 0 |
| Critical hours | 1822.4 | 1770.8 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0.8 | 1.6 | 1.6 |

Licensee Comments: none

Unplanned Scrams with Complications



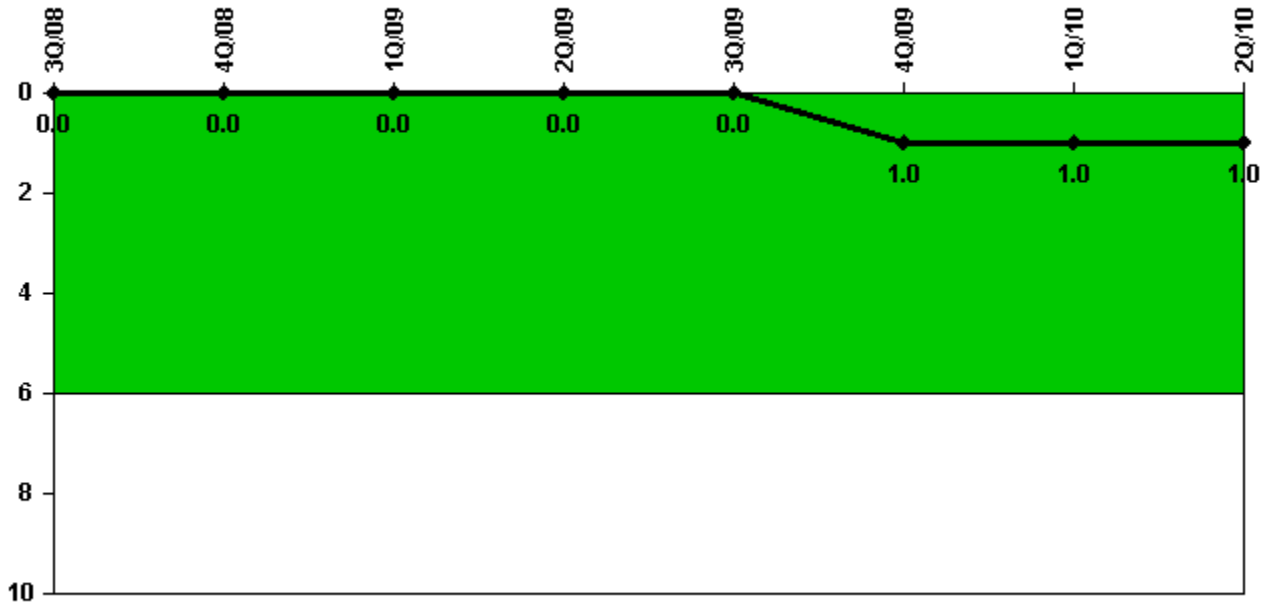
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/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)



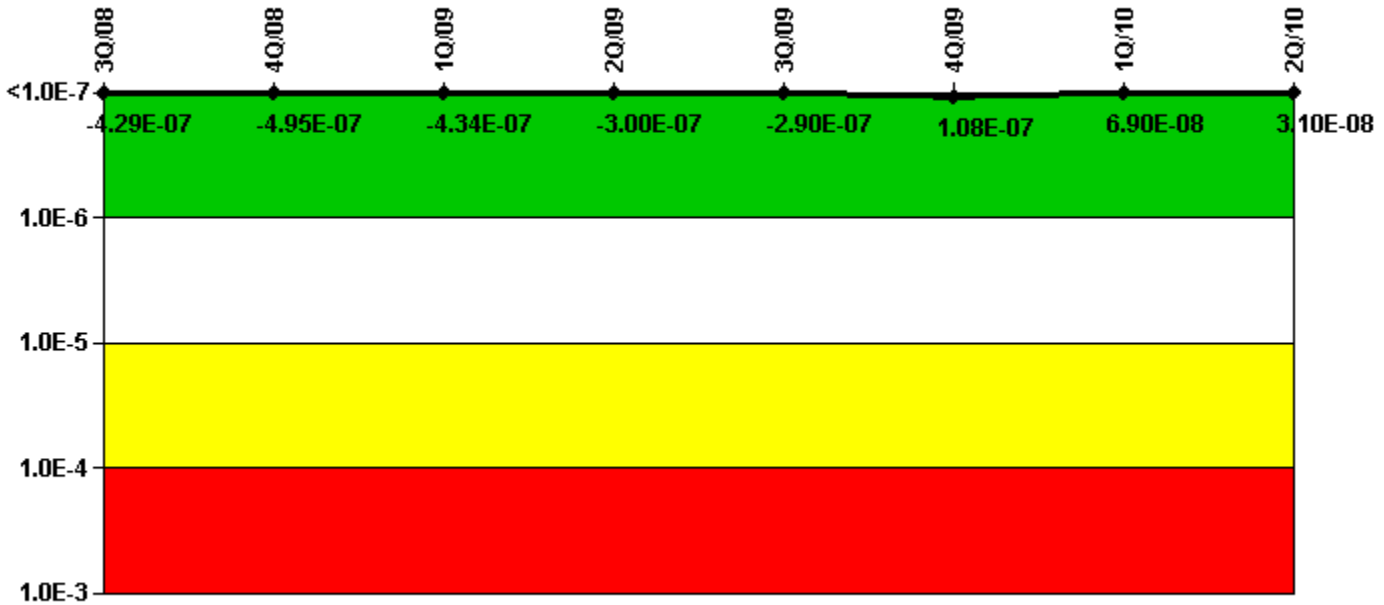
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



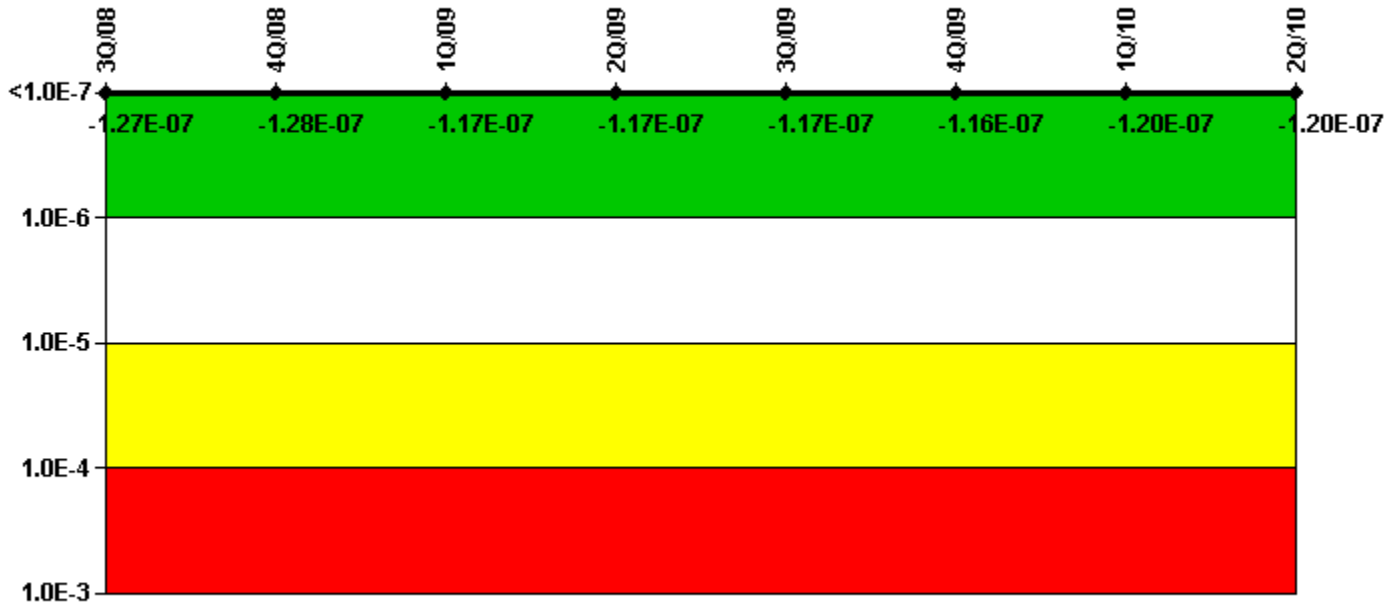
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|----------|----------|-----------|
| UAI (Δ CDF) | 7.10E-08 | -4.60E-09 | 5.60E-08 | 1.70E-07 | 1.50E-07 | 7.80E-08 | 3.02E-08 | -3.47E-09 |
| URI (Δ CDF) | -5.00E-07 | -4.90E-07 | -4.90E-07 | -4.70E-07 | -4.40E-07 | 3.00E-08 | 3.88E-08 | 3.42E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -4.29E-07 | -4.95E-07 | -4.34E-07 | -3.00E-07 | -2.90E-07 | 1.08E-07 | 6.90E-08 | 3.10E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



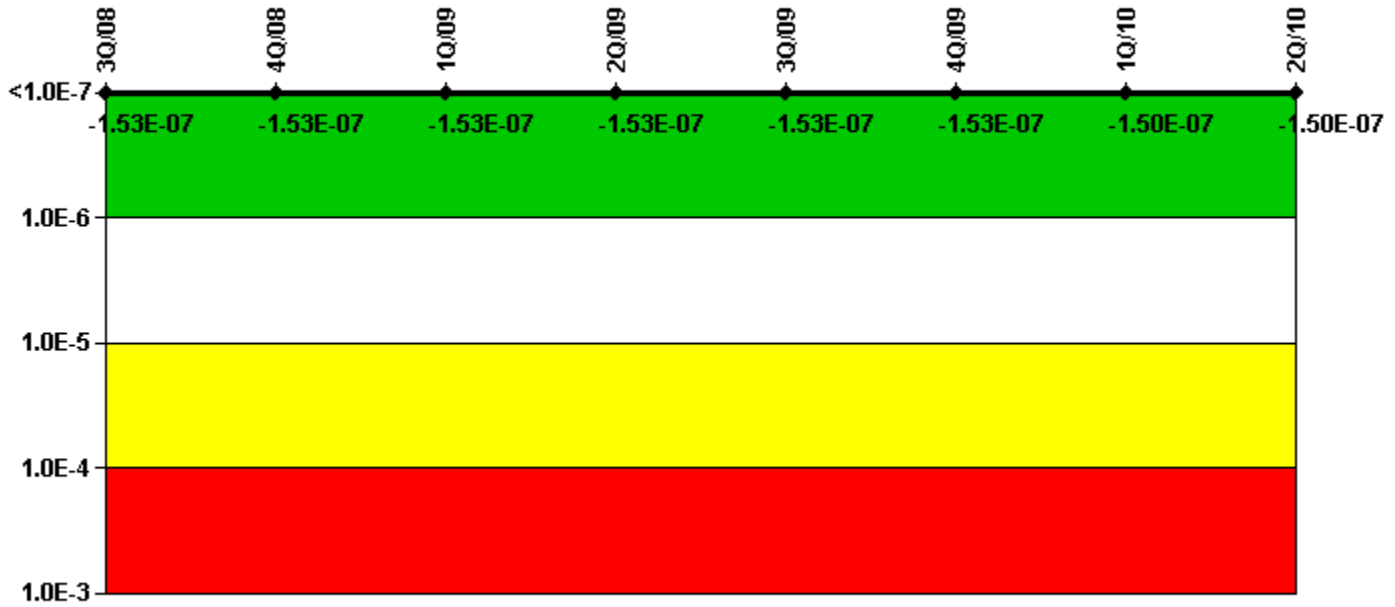
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.90E-08 | -4.00E-08 | -2.90E-08 | -2.90E-08 | -2.90E-08 | -2.90E-08 | -3.02E-08 | -3.02E-08 |
| URI (Δ CDF) | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.70E-08 | -8.72E-08 | -8.72E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.27E-07 | -1.28E-07 | -1.17E-07 | -1.17E-07 | -1.17E-07 | -1.16E-07 | -1.20E-07 | -1.20E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



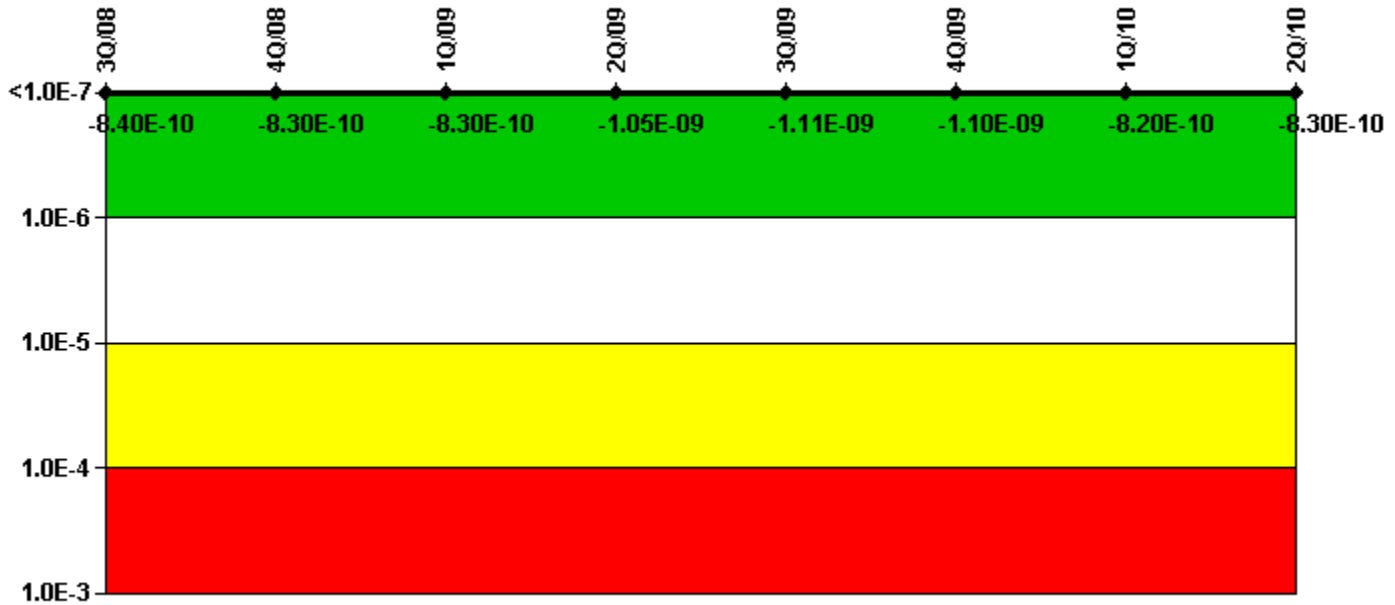
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 |
| URI (Δ CDF) | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.06E-07 | -1.06E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.50E-07 | -1.50E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



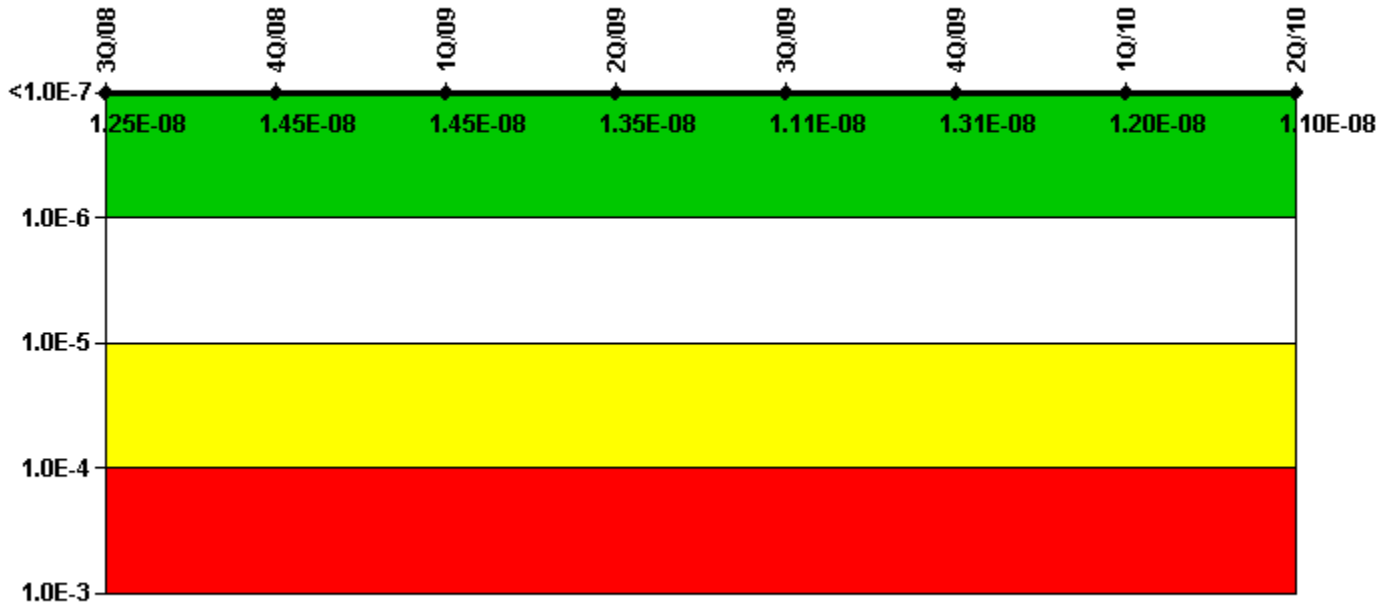
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.20E-10 | 1.30E-10 | 1.30E-10 | -9.40E-11 | -1.50E-10 | -1.50E-10 | 1.30E-10 | 1.19E-10 |
| URI (Δ CDF) | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.50E-10 | -9.52E-10 | -9.52E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.40E-10 | -8.30E-10 | -8.30E-10 | -1.05E-09 | -1.11E-09 | -1.10E-09 | -8.20E-10 | -8.30E-10 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



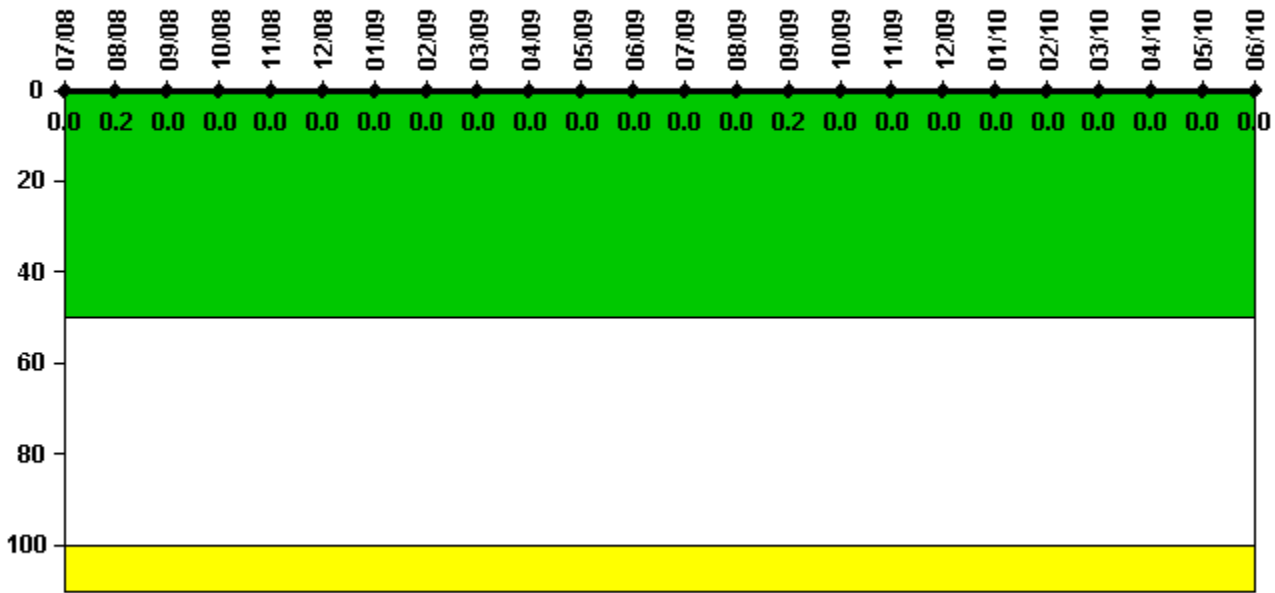
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.30E-08 | 1.50E-08 | 1.50E-08 | 1.40E-08 | 1.50E-08 | 1.70E-08 | 1.56E-08 | 1.49E-08 |
| URI (Δ CDF) | -5.10E-10 | -5.10E-10 | -5.10E-10 | -5.10E-10 | -3.90E-09 | -3.90E-09 | -3.87E-09 | -3.87E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.25E-08 | 1.45E-08 | 1.45E-08 | 1.35E-08 | 1.11E-08 | 1.31E-08 | 1.20E-08 | 1.10E-08 |

Licensee Comments: none

Reactor Coolant System Activity



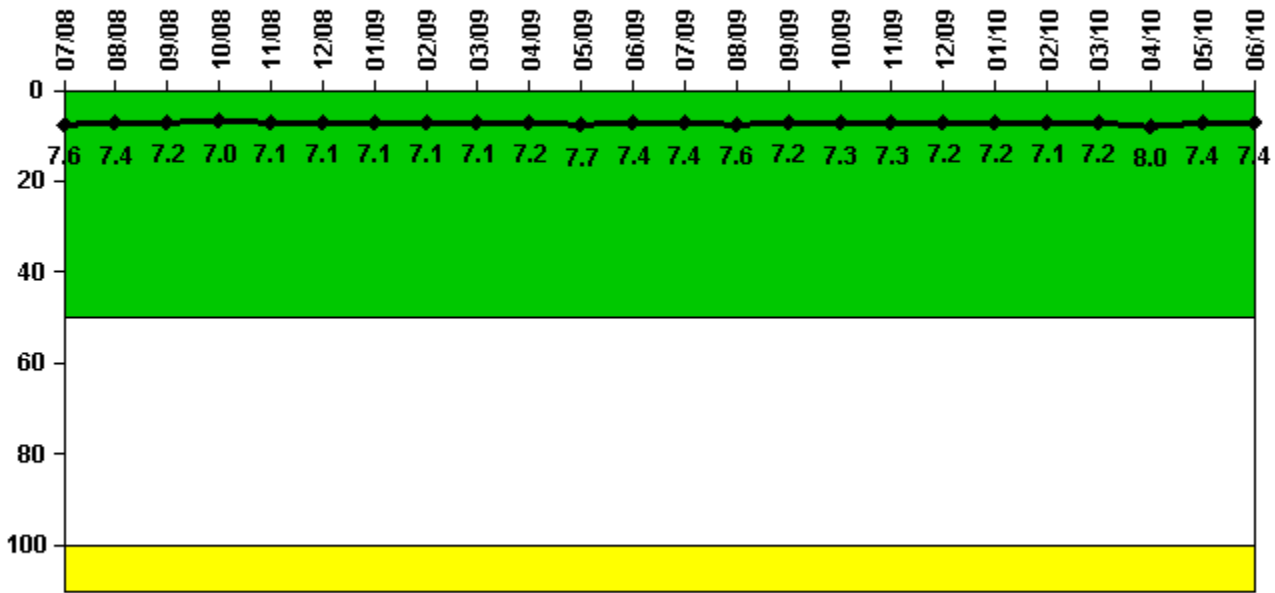
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000085 | 0.000378 | 0.000068 | 0.000049 | 0.000050 | 0.000061 | 0.000047 | 0.000039 | 0.000050 | 0.000051 | 0.000048 | 0.000051 |
| 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 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reactor Coolant System Activity | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 |
| Maximum activity | 0.000063 | 0.000066 | 0.000447 | 0.000072 | 0.000045 | 0.000055 | 0.000046 | 0.000061 | 0.000030 | 0.000028 | 0.000037 | 0.000051 |
| 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 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

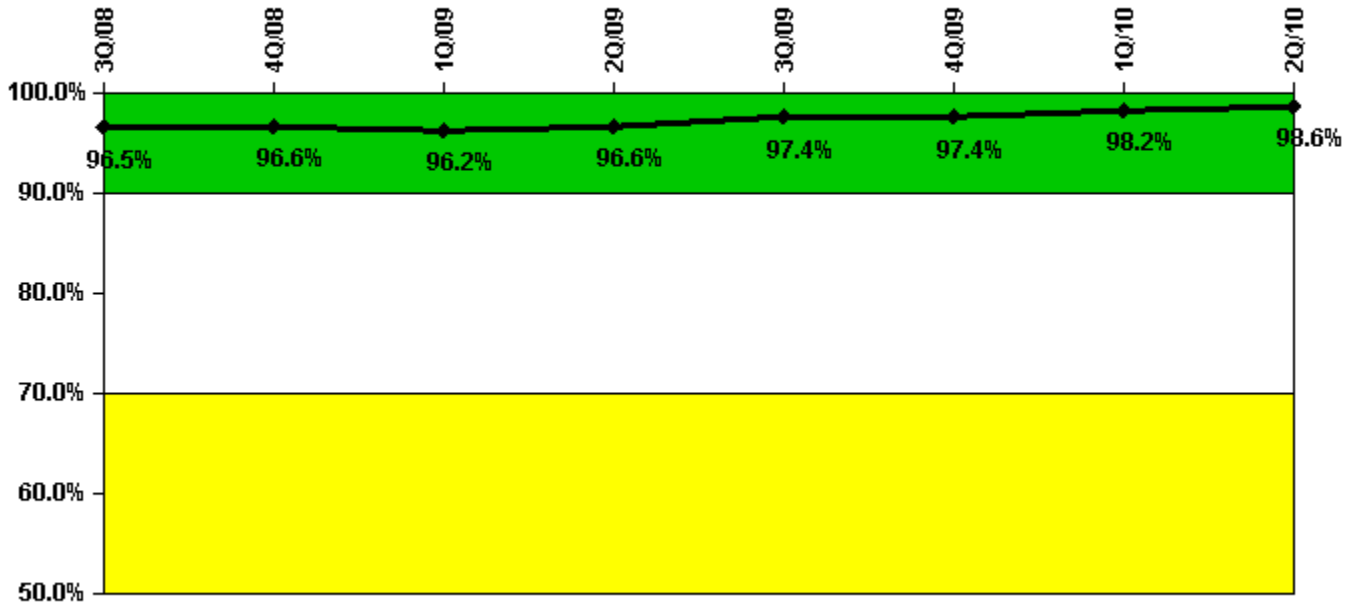
Notes

| Reactor Coolant System Leakage | 7/08 | 8/08 | 9/08 | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.890 | 1.850 | 1.810 | 1.750 | 1.780 | 1.780 | 1.780 | 1.780 | 1.780 | 1.790 | 1.920 | 1.860 |
| 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 | 7.6 | 7.4 | 7.2 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.7 | 7.4 |

| Reactor Coolant System Leakage | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.850 | 1.910 | 1.810 | 1.820 | 1.820 | 1.790 | 1.810 | 1.780 | 1.790 | 2.000 | 1.840 | 1.840 |
| 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 | 7.4 | 7.6 | 7.2 | 7.3 | 7.3 | 7.2 | 7.2 | 7.1 | 7.2 | 8.0 | 7.4 | 7.4 |

Licensee Comments: none

Drill/Exercise Performance



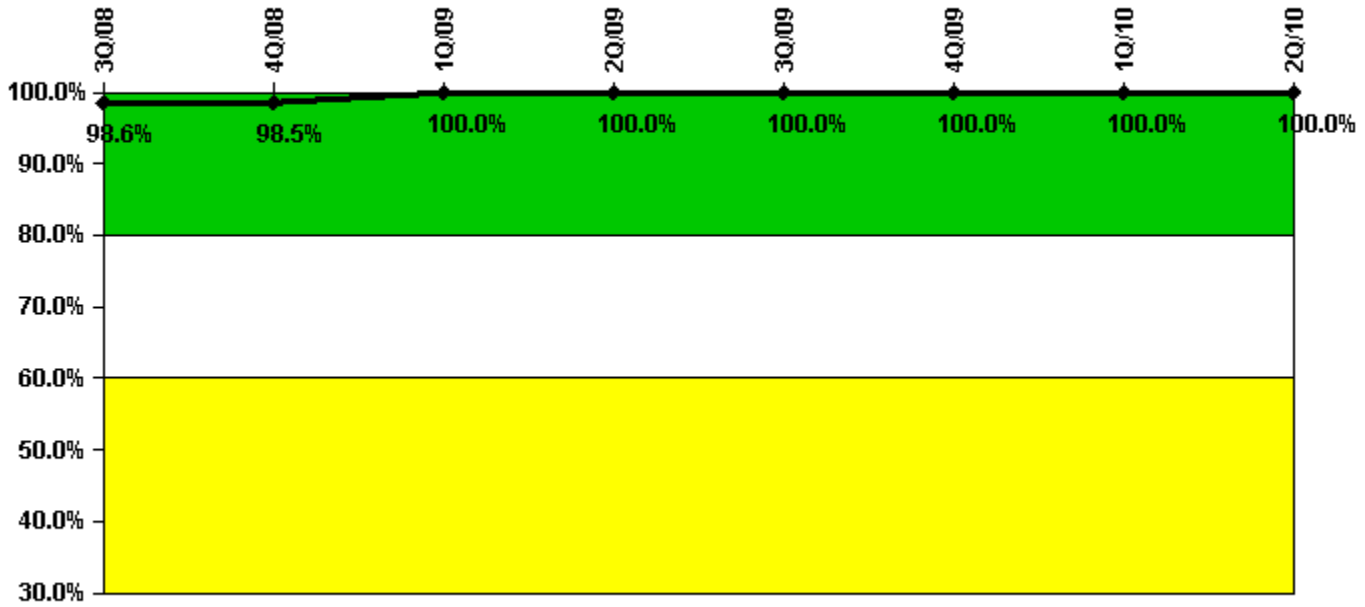
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 22.0 | 36.0 | 71.0 | 37.0 | 47.0 | 14.0 | 73.0 | 57.0 |
| Total opportunities | 22.0 | 36.0 | 73.0 | 38.0 | 48.0 | 14.0 | 74.0 | 57.0 |
| | | | | | | | | |
| Indicator value | 96.5% | 96.6% | 96.2% | 96.6% | 97.4% | 97.4% | 98.2% | 98.6% |

Licensee Comments: none

ERO Drill Participation



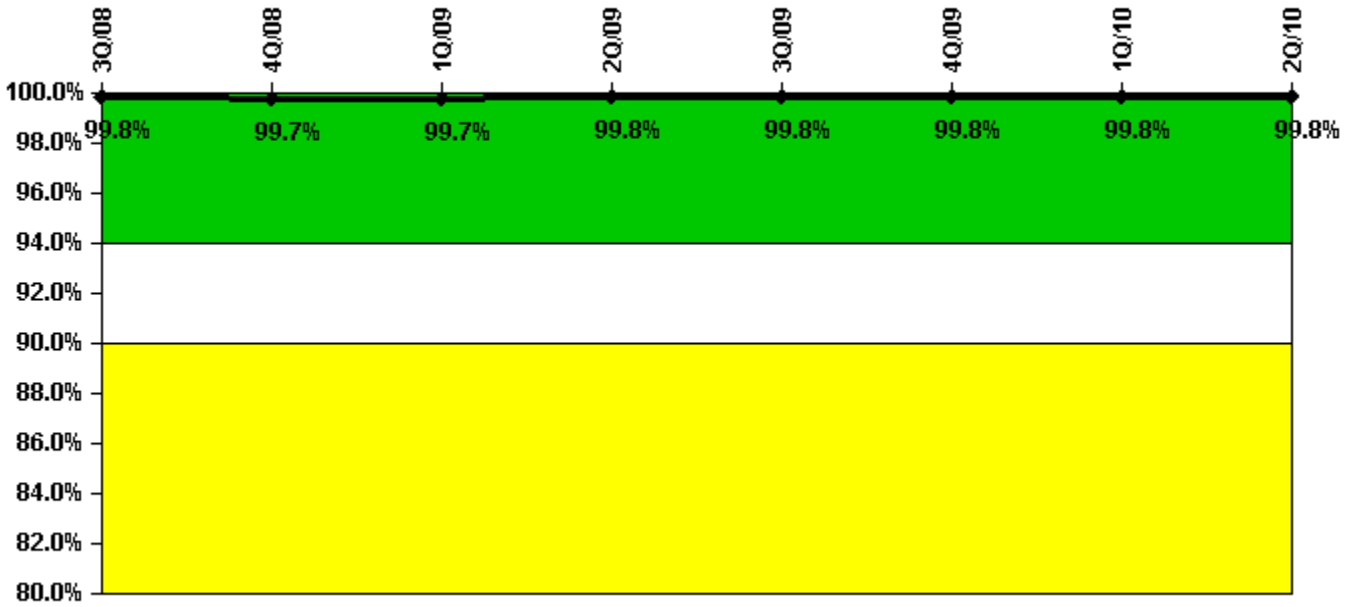
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|-----------------------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 71.0 | 67.0 | 68.0 | 71.0 | 69.0 | 67.0 | 68.0 | 68.0 |
| Total Key personnel | 72.0 | 68.0 | 68.0 | 71.0 | 69.0 | 67.0 | 68.0 | 68.0 |
| | | | | | | | | |
| Indicator value | 98.6% | 98.5% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



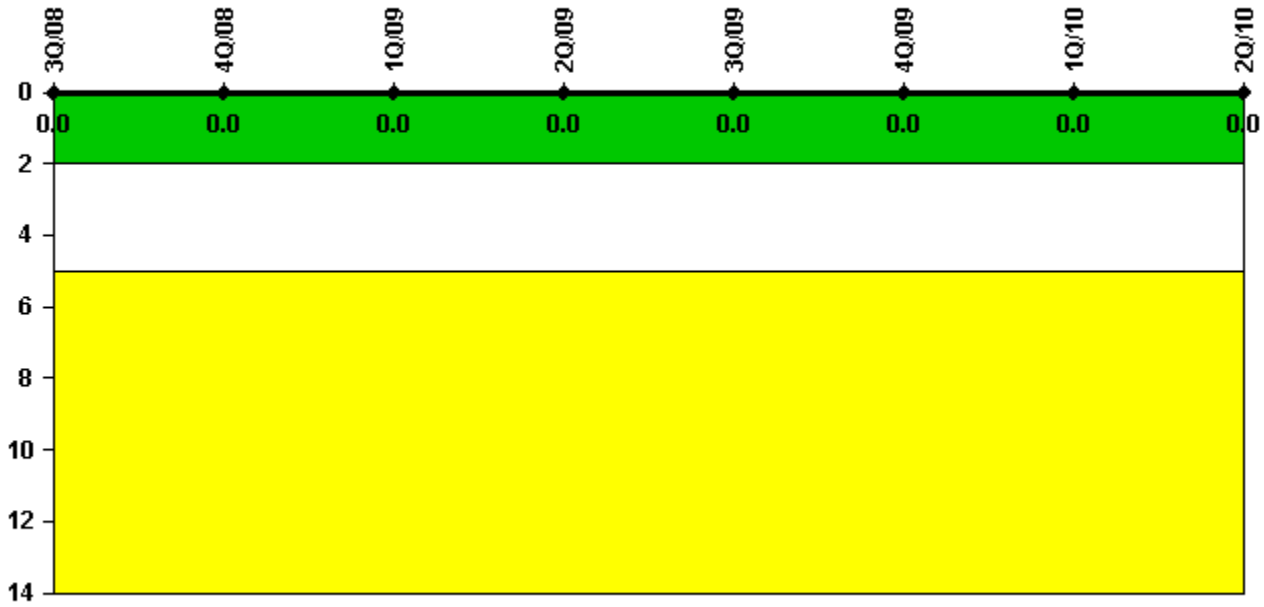
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1259 | 1355 | 1162 | 1257 | 1355 | 1259 | 1259 | 1260 |
| Total sirens-tests | 1261 | 1358 | 1164 | 1261 | 1358 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.8% | 99.7% | 99.7% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



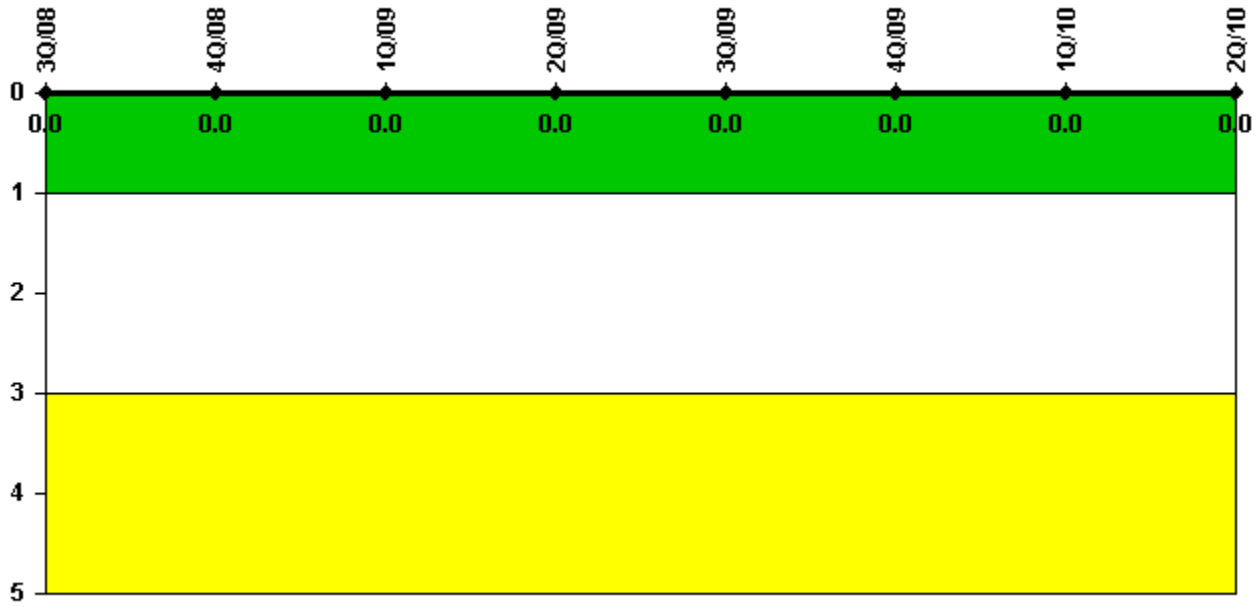
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/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 | 3Q/08 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/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.

Peach Bottom 2

3Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



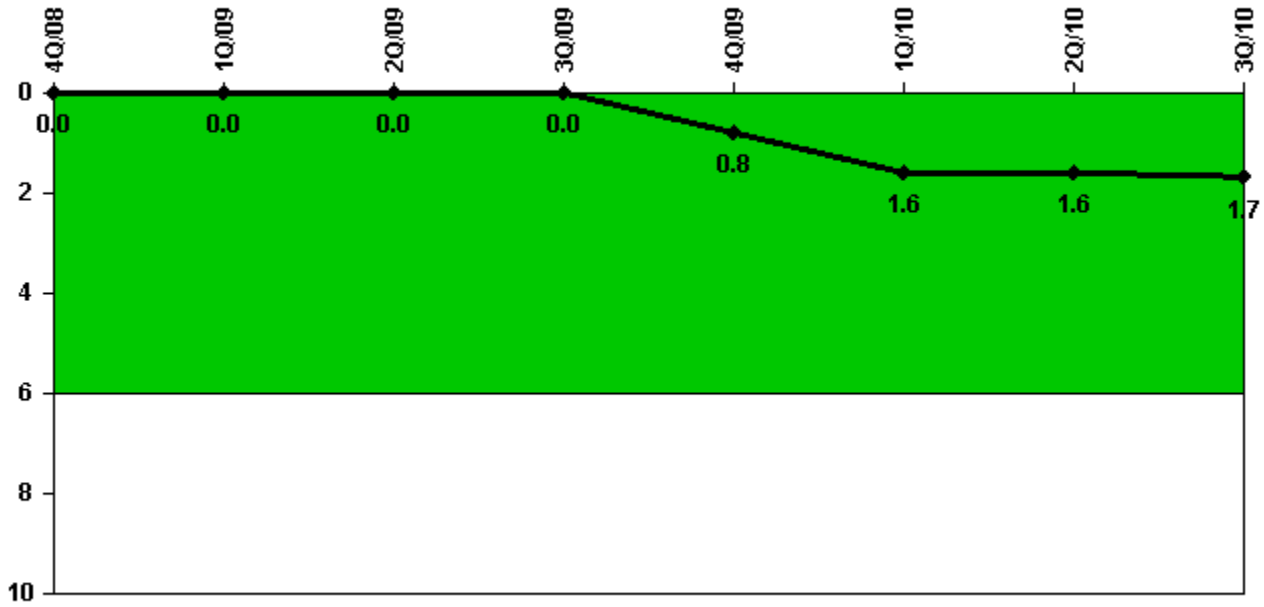
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1770.8 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 1774.2 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



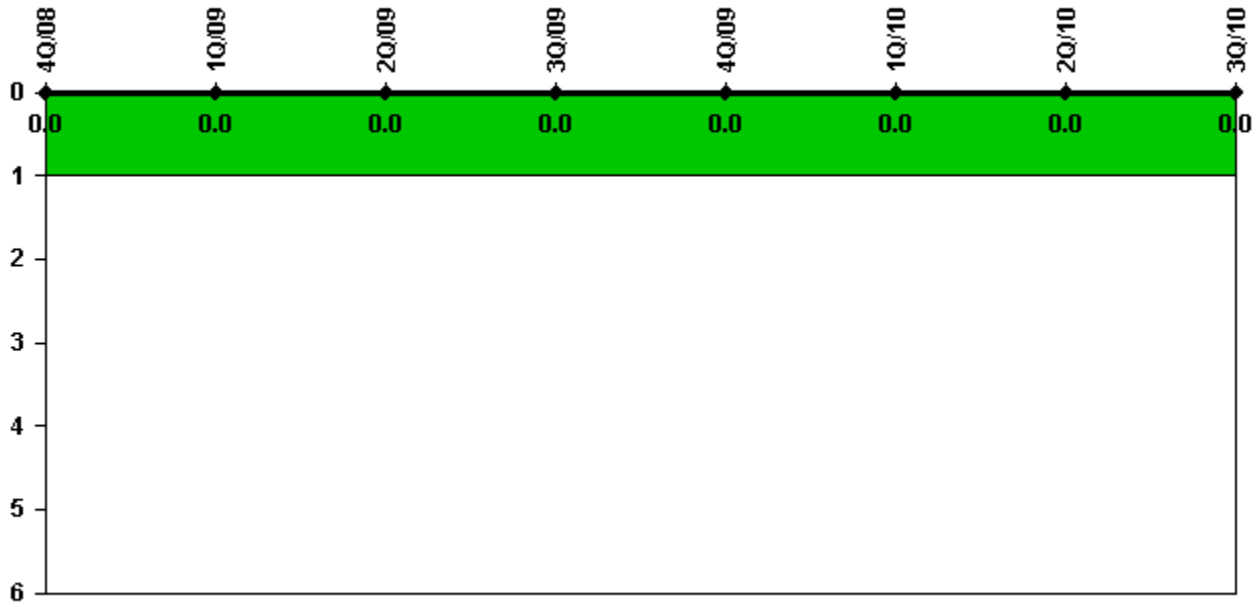
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 |
| Critical hours | 1770.8 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 1774.2 |
| Indicator value | 0 | 0 | 0 | 0 | 0.8 | 1.6 | 1.6 | 1.7 |

Licensee Comments: none

Unplanned Scrams with Complications



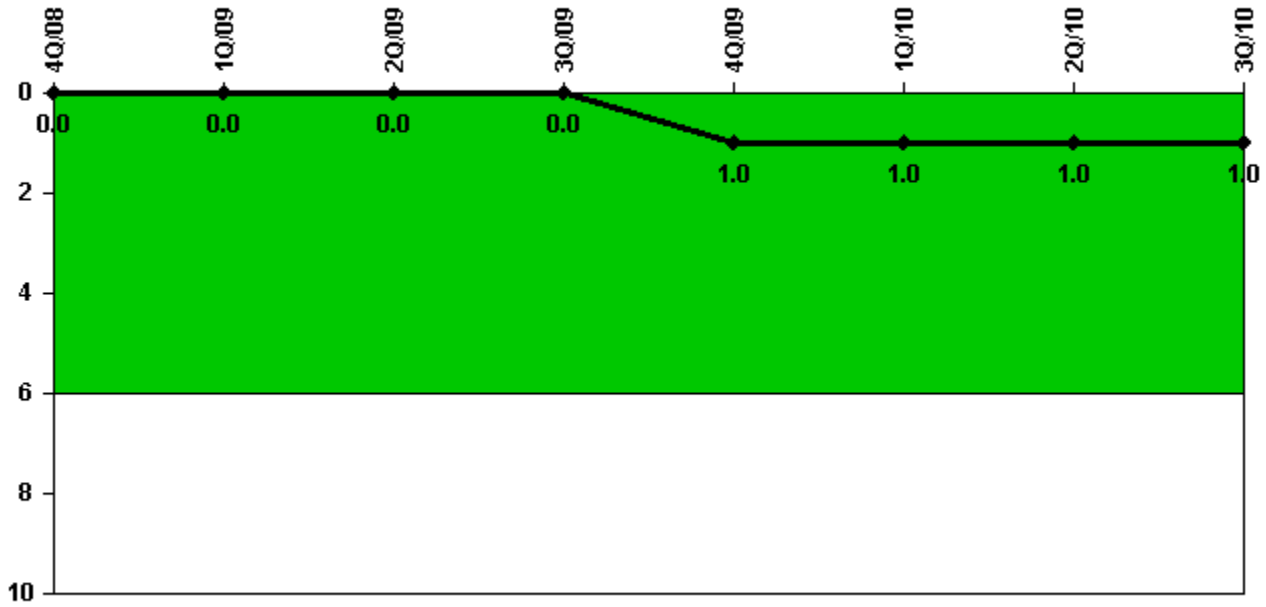
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/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)



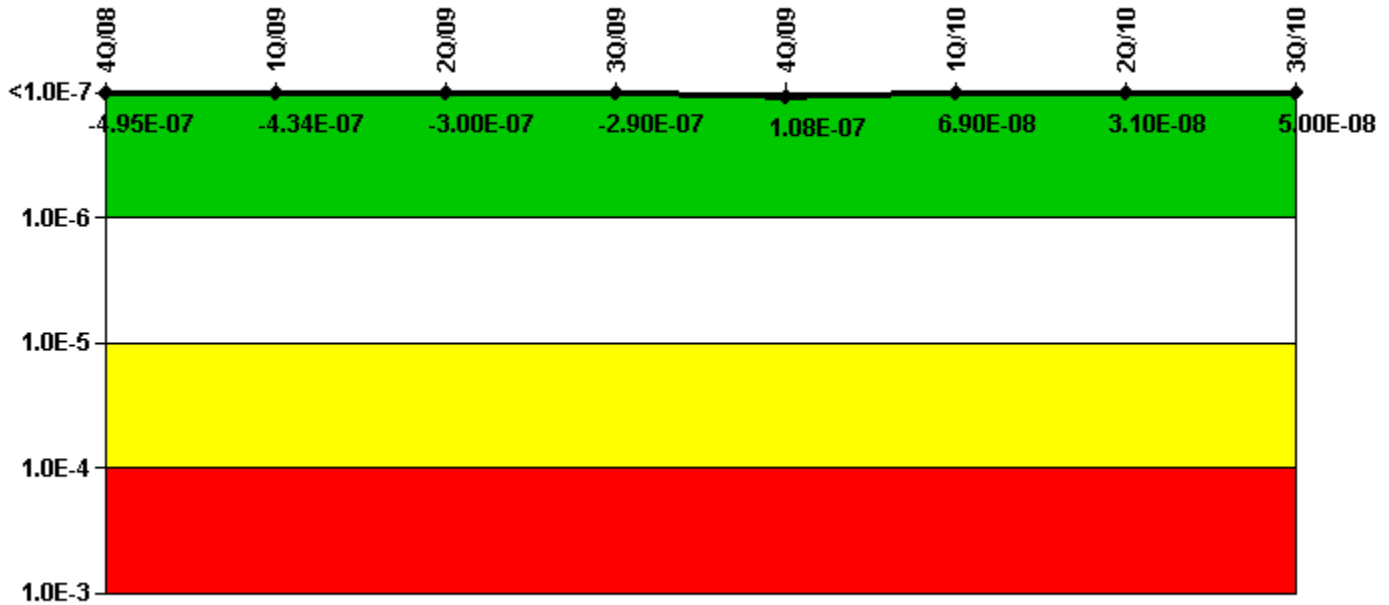
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



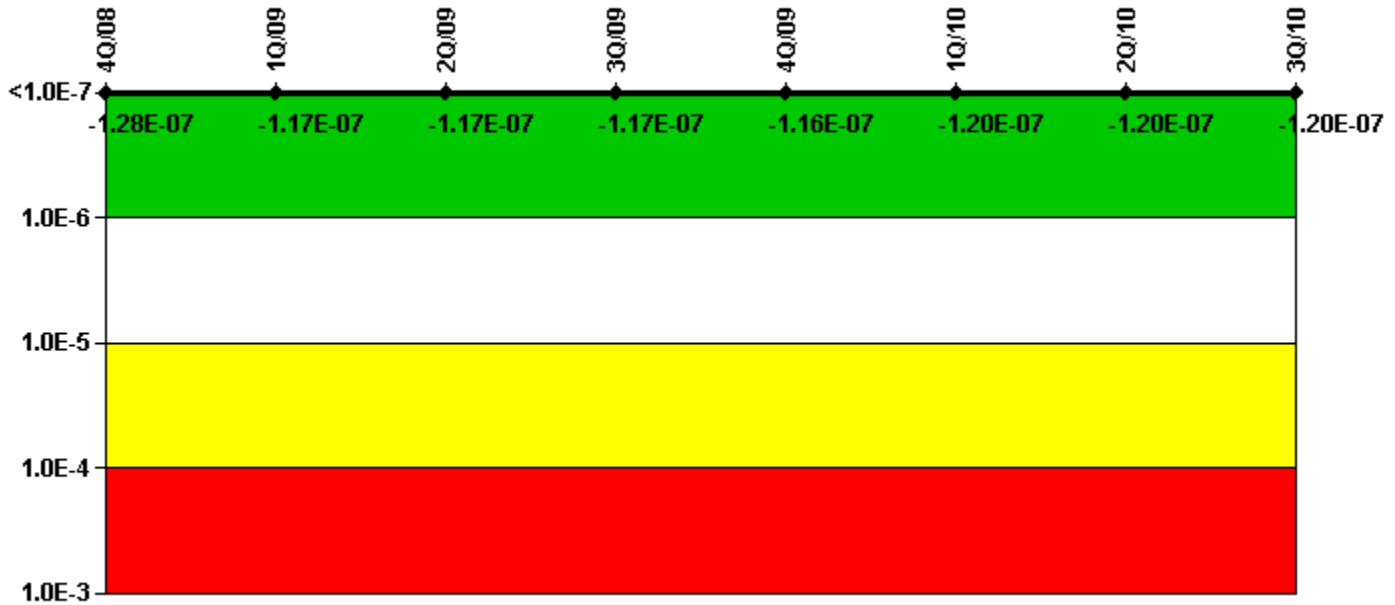
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|---|-----------|-----------|-----------|-----------|----------|----------|-----------|-----------|
| UAI (Δ CDF) | -4.60E-09 | 5.60E-08 | 1.70E-07 | 1.50E-07 | 7.80E-08 | 3.02E-08 | -3.47E-09 | -6.45E-09 |
| URI (Δ CDF) | -4.90E-07 | -4.90E-07 | -4.70E-07 | -4.40E-07 | 3.00E-08 | 3.88E-08 | 3.42E-08 | 5.60E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -4.95E-07 | -4.34E-07 | -3.00E-07 | -2.90E-07 | 1.08E-07 | 6.90E-08 | 3.10E-08 | 5.00E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



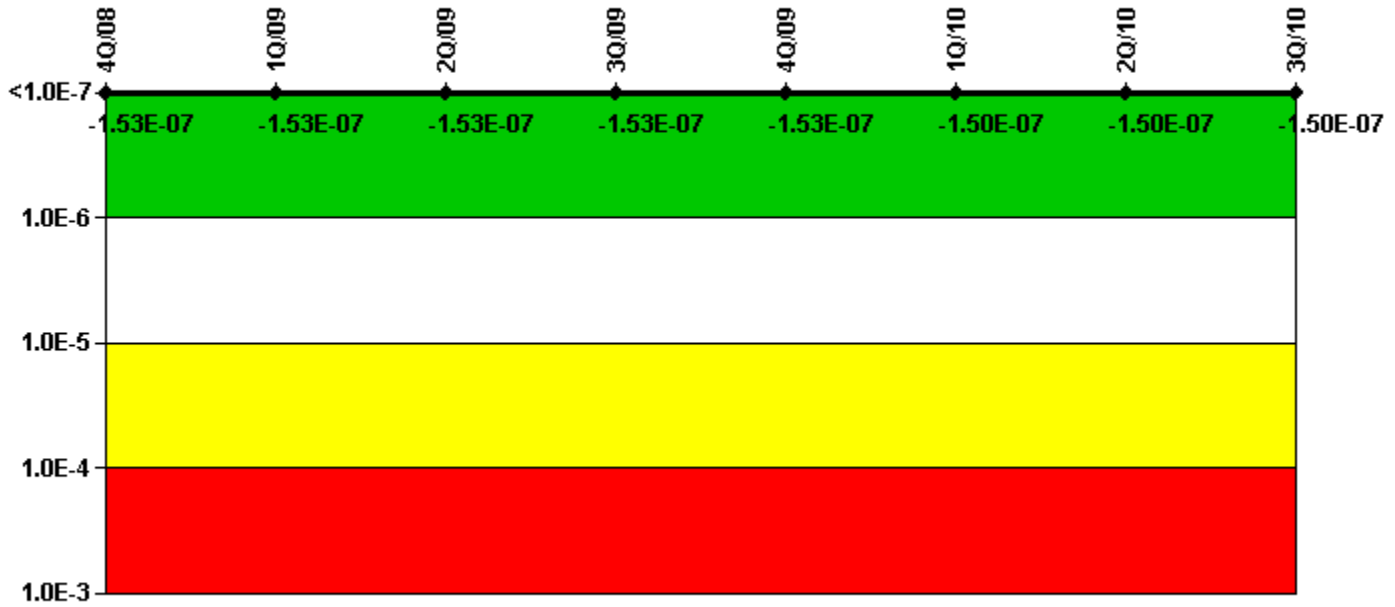
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.00E-08 | -2.90E-08 | -2.90E-08 | -2.90E-08 | -2.90E-08 | -3.02E-08 | -3.02E-08 | -3.00E-08 |
| URI (Δ CDF) | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.80E-08 | -8.70E-08 | -8.72E-08 | -8.72E-08 | -8.72E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.28E-07 | -1.17E-07 | -1.17E-07 | -1.17E-07 | -1.16E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



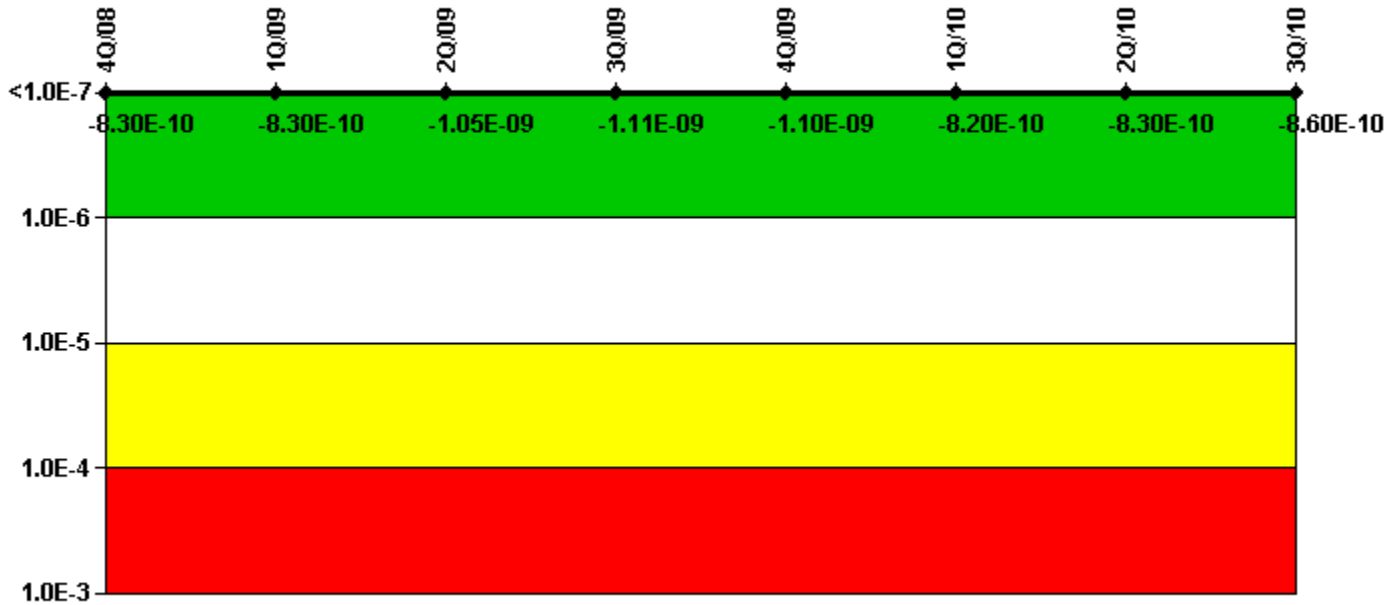
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 |
| URI (Δ CDF) | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.06E-07 | -1.06E-07 | -1.06E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.53E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



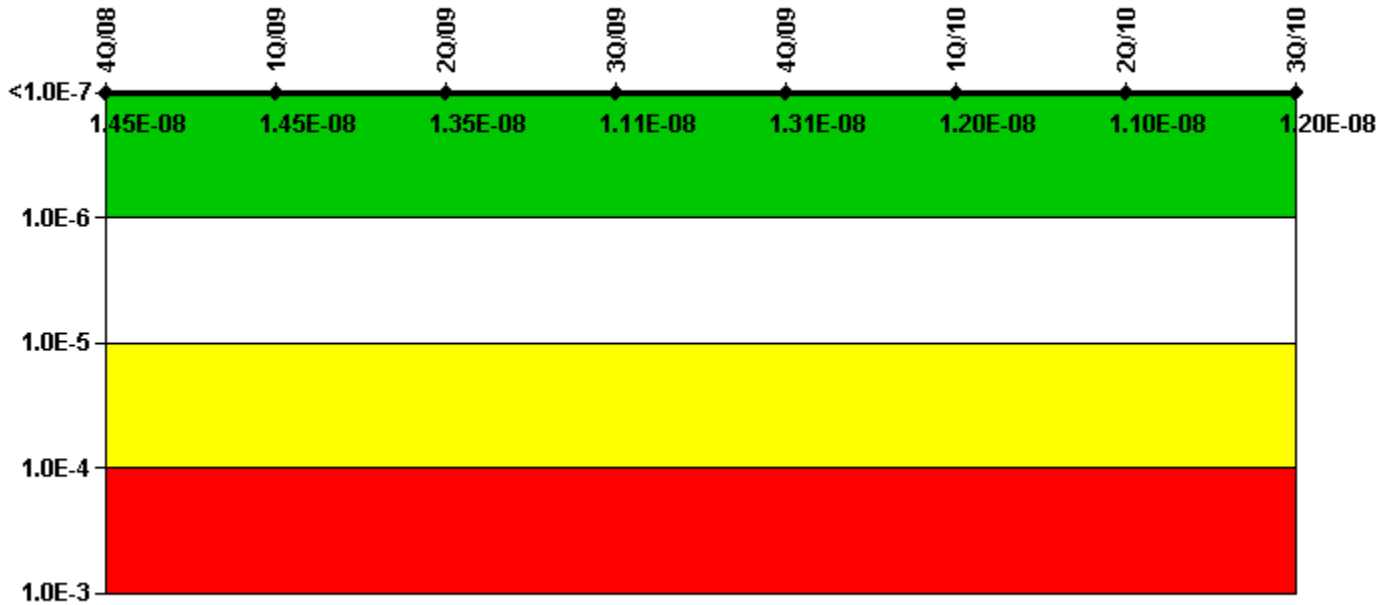
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.30E-10 | 1.30E-10 | -9.40E-11 | -1.50E-10 | -1.50E-10 | 1.30E-10 | 1.19E-10 | 9.37E-11 |
| URI (Δ CDF) | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.50E-10 | -9.52E-10 | -9.52E-10 | -9.52E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.30E-10 | -8.30E-10 | -1.05E-09 | -1.11E-09 | -1.10E-09 | -8.20E-10 | -8.30E-10 | -8.60E-10 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



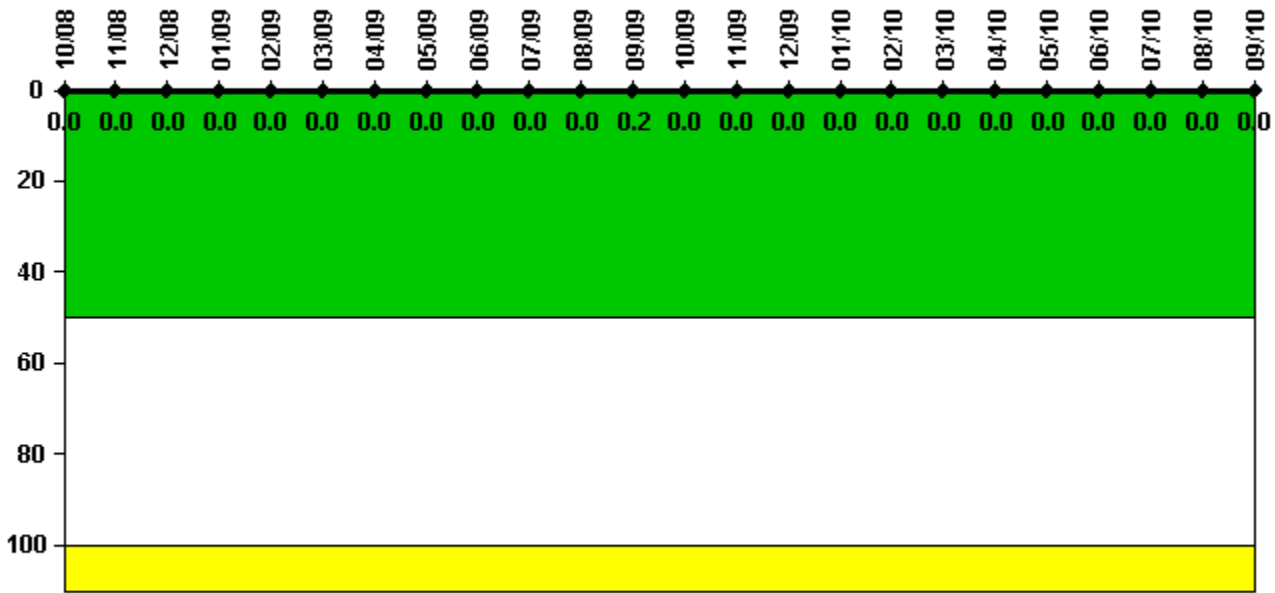
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.50E-08 | 1.50E-08 | 1.40E-08 | 1.50E-08 | 1.70E-08 | 1.56E-08 | 1.49E-08 | 1.90E-08 |
| URI (Δ CDF) | -5.10E-10 | -5.10E-10 | -5.10E-10 | -3.90E-09 | -3.90E-09 | -3.87E-09 | -3.87E-09 | -7.00E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.45E-08 | 1.45E-08 | 1.35E-08 | 1.11E-08 | 1.31E-08 | 1.20E-08 | 1.10E-08 | 1.20E-08 |

Licensee Comments: none

Reactor Coolant System Activity



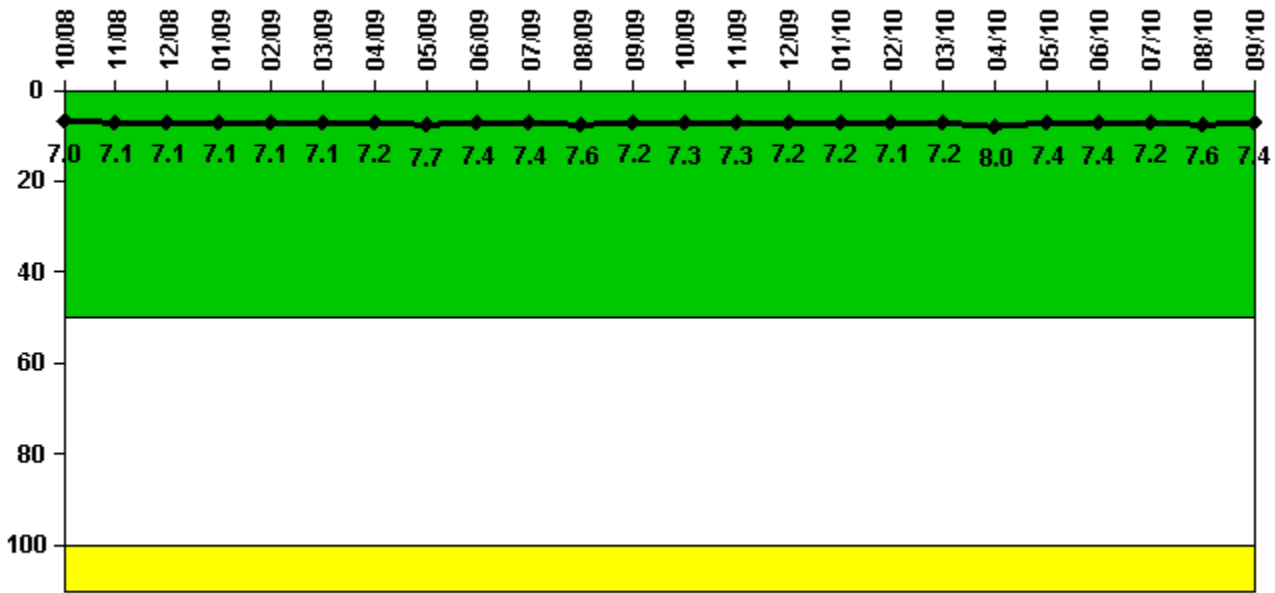
Thresholds: White > 50.0 Yellow > 100.0

Notes

| 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 | 0.000049 | 0.000050 | 0.000061 | 0.000047 | 0.000039 | 0.000050 | 0.000051 | 0.000048 | 0.000051 | 0.000063 | 0.000066 | 0.000447 |
| 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 | 0.2 |
| Reactor Coolant System Activity | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 |
| Maximum activity | 0.000072 | 0.000045 | 0.000055 | 0.000046 | 0.000061 | 0.000030 | 0.000028 | 0.000037 | 0.000051 | 0.000038 | 0.000038 | 0.000046 |
| 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



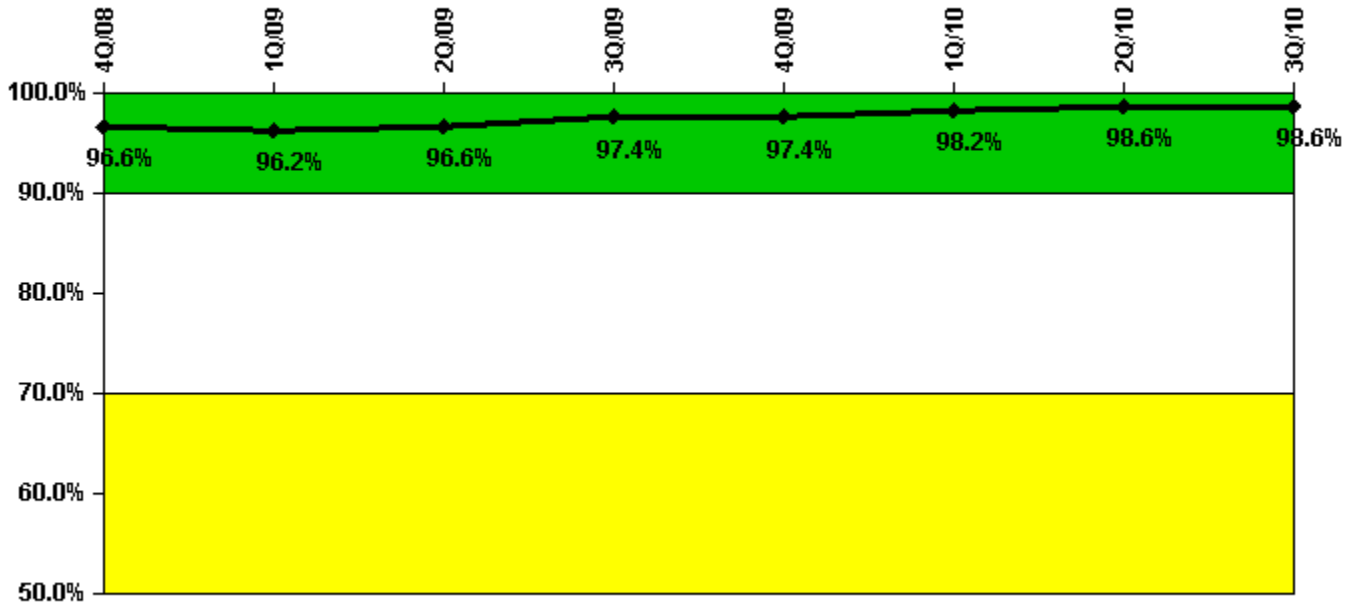
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 10/08 | 11/08 | 12/08 | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum leakage | 1.750 | 1.780 | 1.780 | 1.780 | 1.780 | 1.780 | 1.790 | 1.920 | 1.860 | 1.850 | 1.910 | 1.810 |
| 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 | 7.0 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.7 | 7.4 | 7.4 | 7.6 | 7.2 |
| Reactor Coolant System Leakage | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 |
| Maximum leakage | 1.820 | 1.820 | 1.790 | 1.810 | 1.780 | 1.790 | 2.000 | 1.840 | 1.840 | 1.810 | 1.890 | 1.850 |
| 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 | 7.3 | 7.3 | 7.2 | 7.2 | 7.1 | 7.2 | 8.0 | 7.4 | 7.4 | 7.2 | 7.6 | 7.4 |

Licensee Comments: none

Drill/Exercise Performance



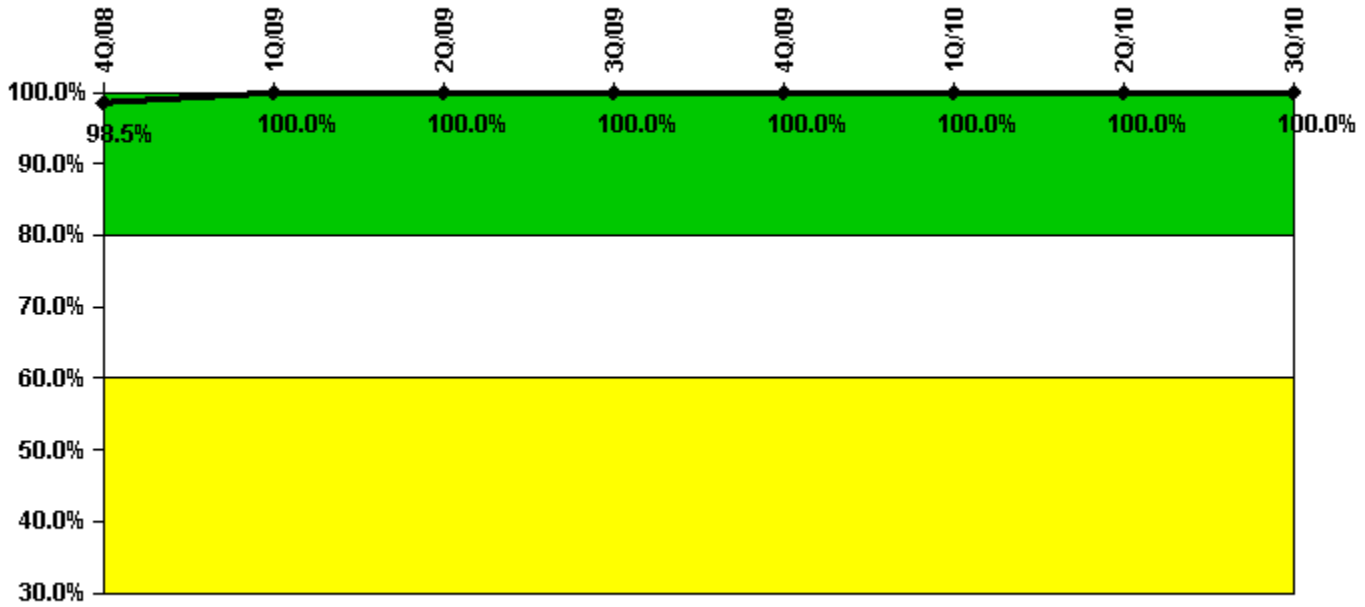
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 36.0 | 71.0 | 37.0 | 47.0 | 14.0 | 73.0 | 57.0 | 20.0 |
| Total opportunities | 36.0 | 73.0 | 38.0 | 48.0 | 14.0 | 74.0 | 57.0 | 20.0 |
| | | | | | | | | |
| Indicator value | 96.6% | 96.2% | 96.6% | 97.4% | 97.4% | 98.2% | 98.6% | 98.6% |

Licensee Comments: none

ERO Drill Participation



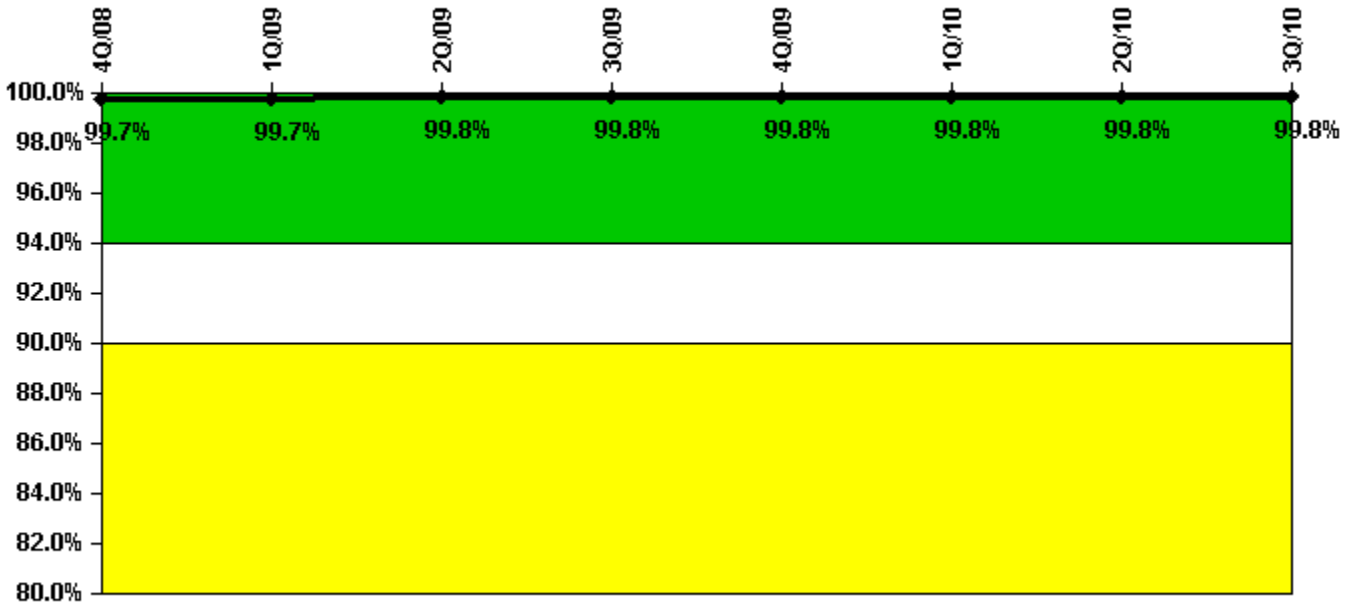
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|-----------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 67.0 | 68.0 | 71.0 | 69.0 | 67.0 | 68.0 | 68.0 | 65.0 |
| Total Key personnel | 68.0 | 68.0 | 71.0 | 69.0 | 67.0 | 68.0 | 68.0 | 65.0 |
| | | | | | | | | |
| Indicator value | 98.5% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



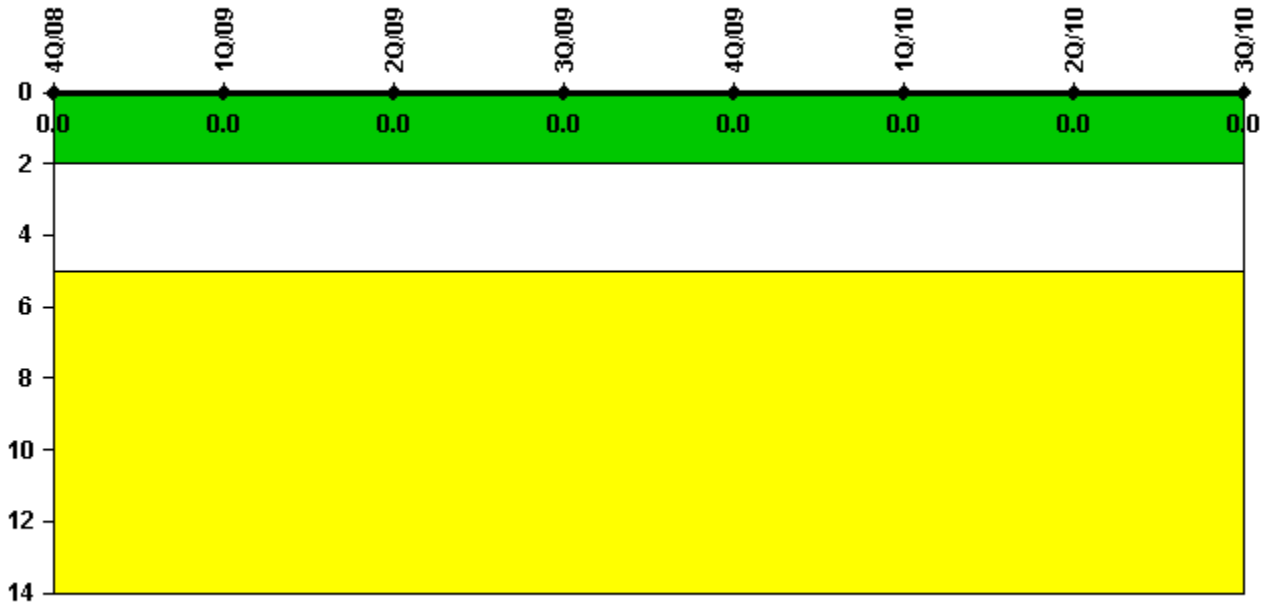
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1355 | 1162 | 1257 | 1355 | 1259 | 1259 | 1260 | 1255 |
| Total sirens-tests | 1358 | 1164 | 1261 | 1358 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.7% | 99.7% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



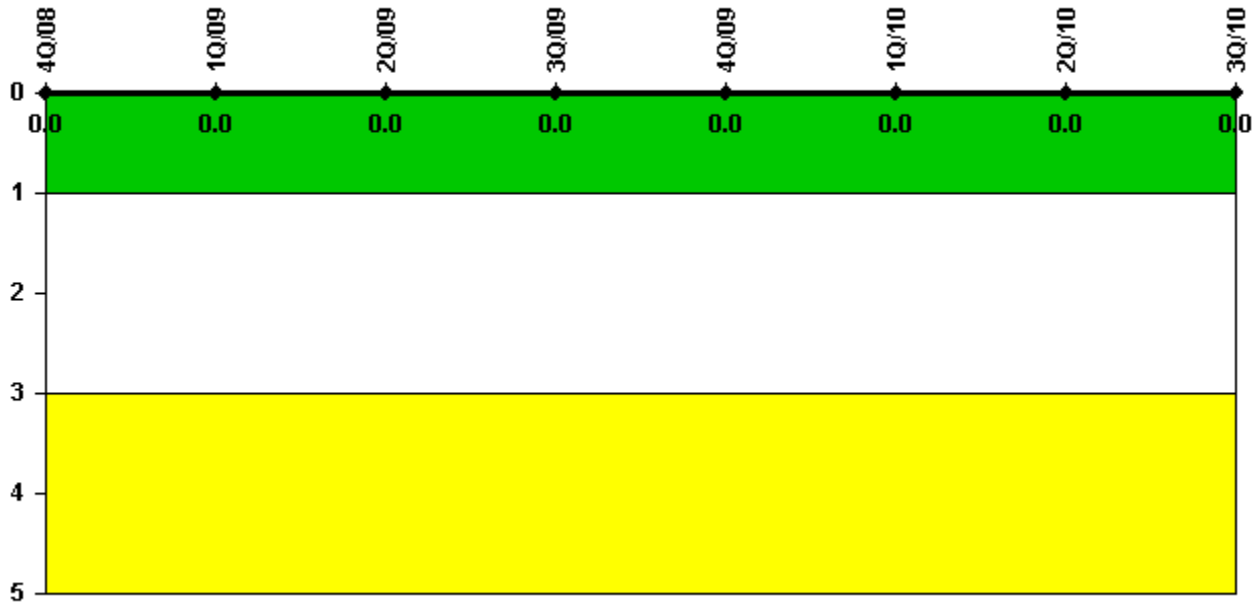
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/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 | 4Q/08 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/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

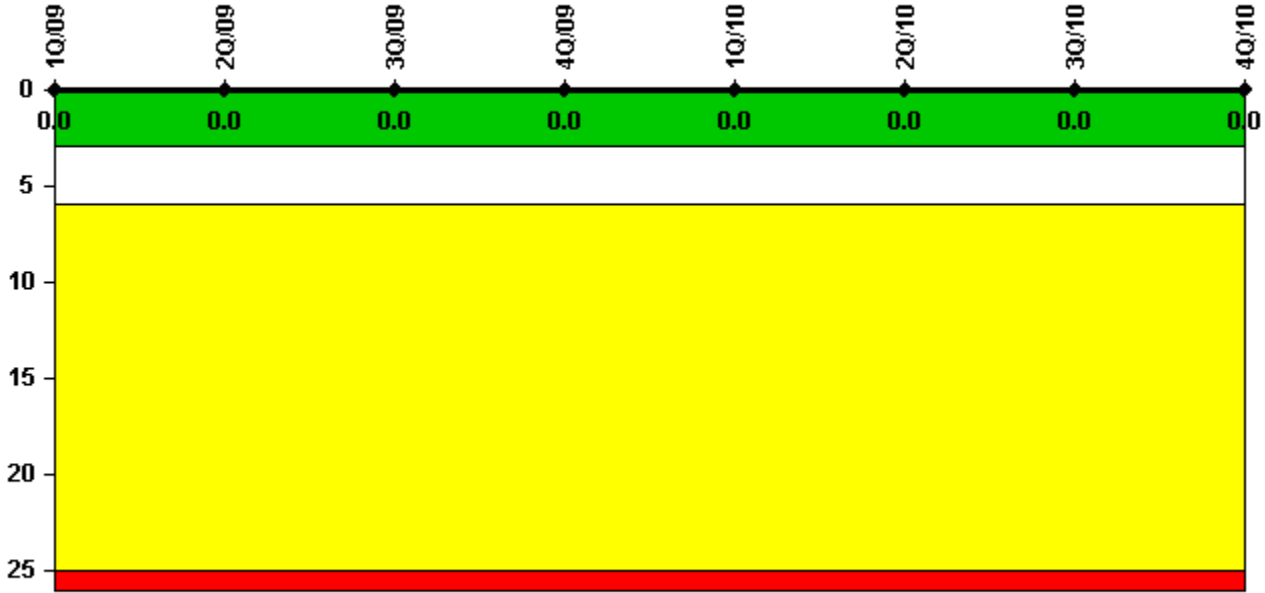
[Security](#) information not publicly available.

Peach Bottom 2

4Q/2010 Performance Indicators

Licensee's General Comments: Revision to previously submitted data for 3Q2010. Change does not affect color of the indicator. PBAPS PRA Model Update for 2010 Effective 4Q2010.

Unplanned Scrams per 7000 Critical Hrs



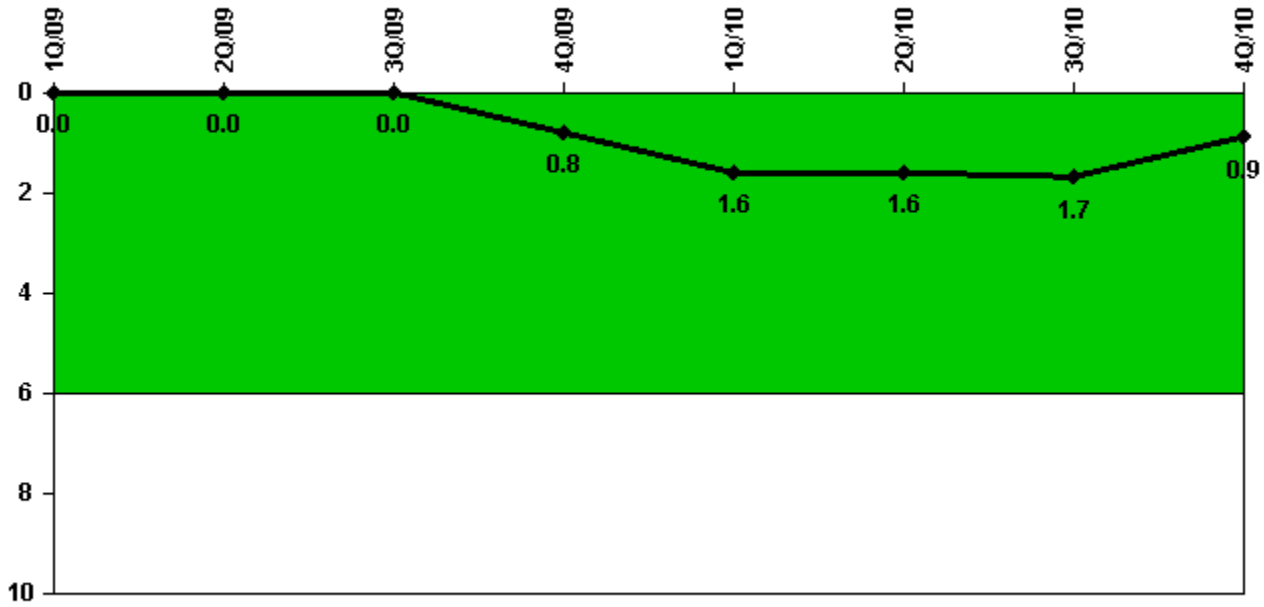
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 1774.2 | 2064.2 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



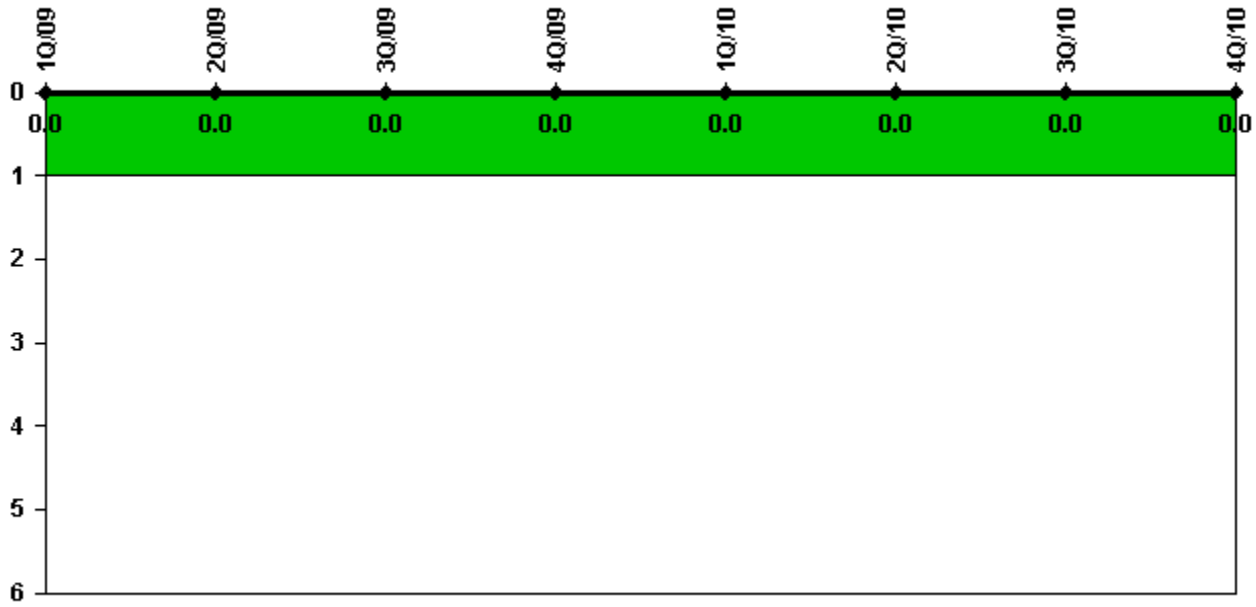
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|---|----------|----------|----------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 1774.2 | 2064.2 |
| Indicator value | 0 | 0 | 0 | 0.8 | 1.6 | 1.6 | 1.7 | 0.9 |

Licensee Comments: none

Unplanned Scrams with Complications



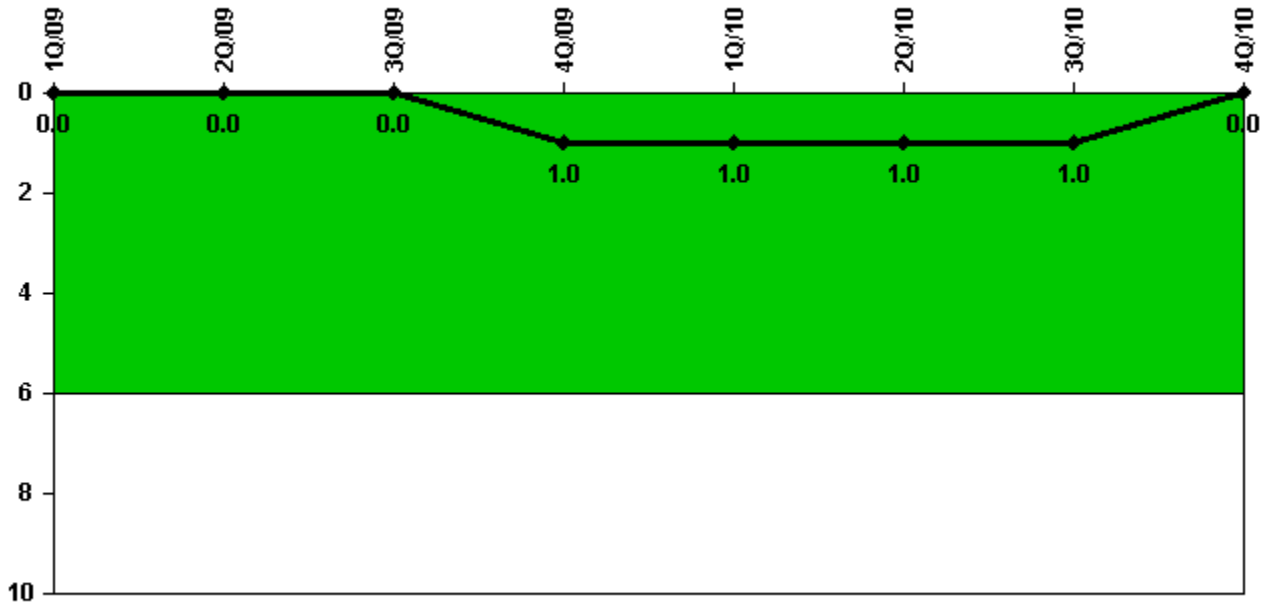
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/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)



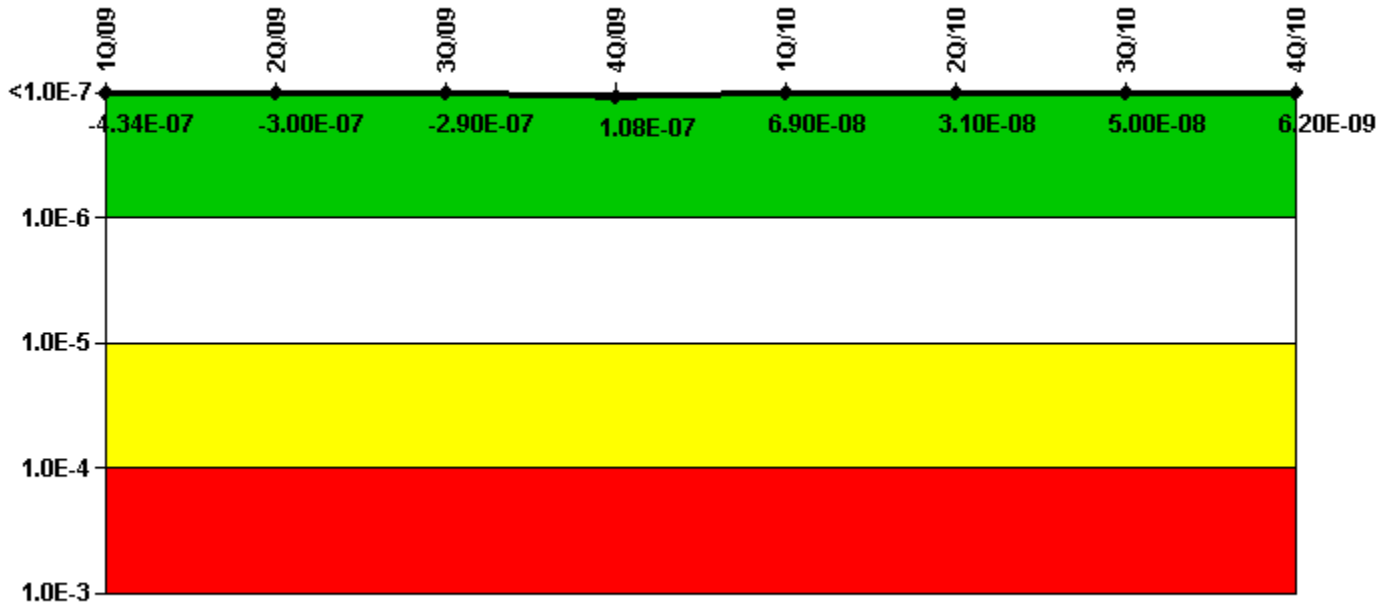
Thresholds: White > 6.0

Notes

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

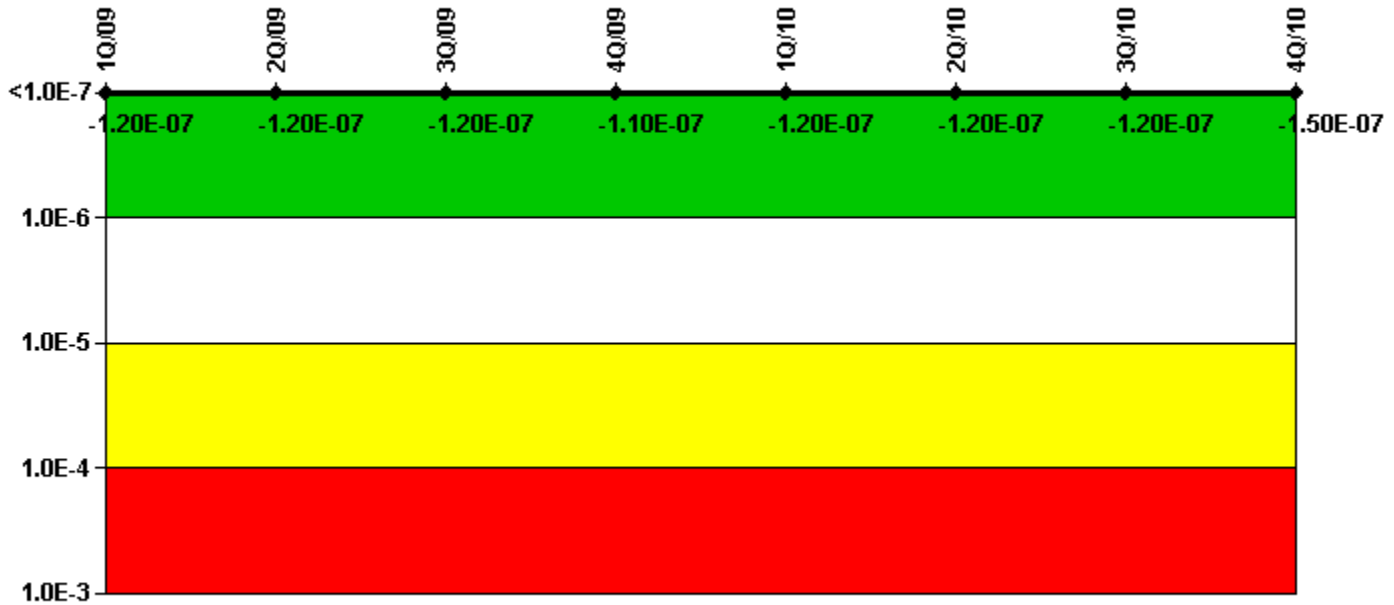
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|---|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 5.60E-08 | 1.70E-07 | 1.50E-07 | 7.80E-08 | 3.02E-08 | -3.47E-09 | -6.45E-09 | -2.74E-08 |
| URI (Δ CDF) | -4.90E-07 | -4.70E-07 | -4.40E-07 | 3.00E-08 | 3.88E-08 | 3.42E-08 | 5.60E-08 | 3.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -4.34E-07 | -3.00E-07 | -2.90E-07 | 1.08E-07 | 6.90E-08 | 3.10E-08 | 5.00E-08 | 6.20E-09 |

Licensee Comments:

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Mitigating Systems Performance Index, High Pressure Injection System



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

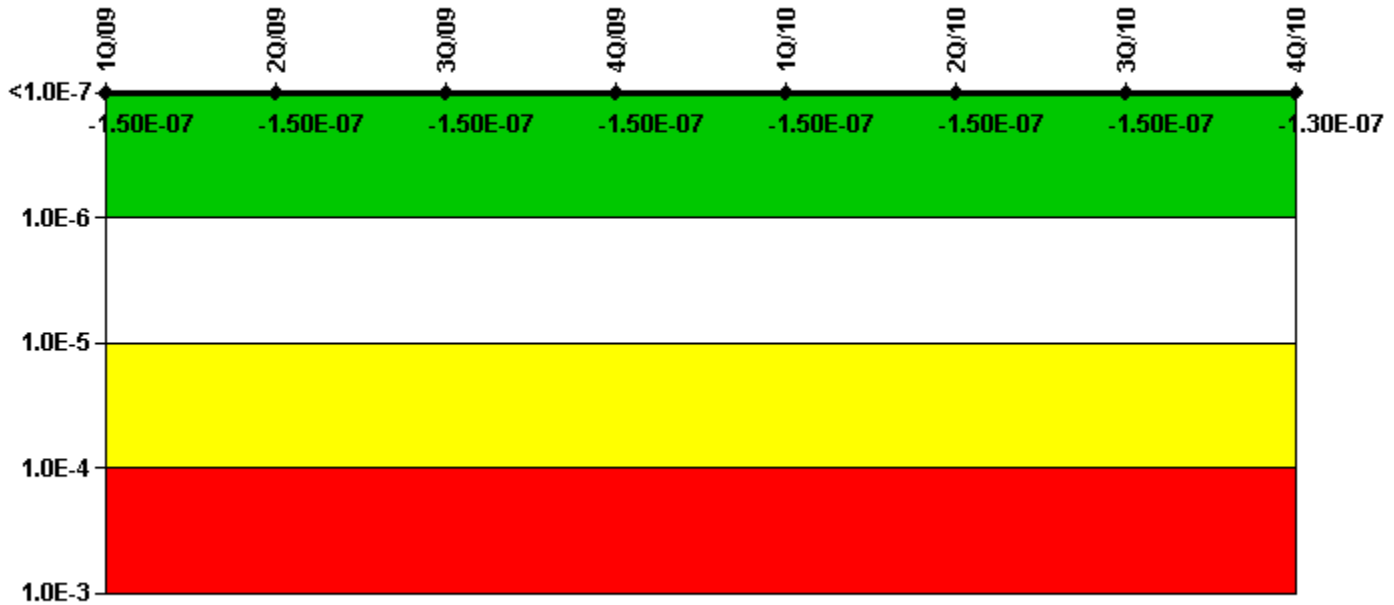
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.90E-08 | -2.90E-08 | -2.92E-08 | -2.93E-08 | -3.02E-08 | -3.02E-08 | -3.00E-08 | -2.63E-08 |
| URI (Δ CDF) | -8.66E-08 | -8.66E-08 | -8.66E-08 | -8.54E-08 | -8.54E-08 | -8.54E-08 | -8.54E-08 | -1.25E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.10E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.50E-07 |

Licensee Comments:

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Mitigating Systems Performance Index, Heat Removal System



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

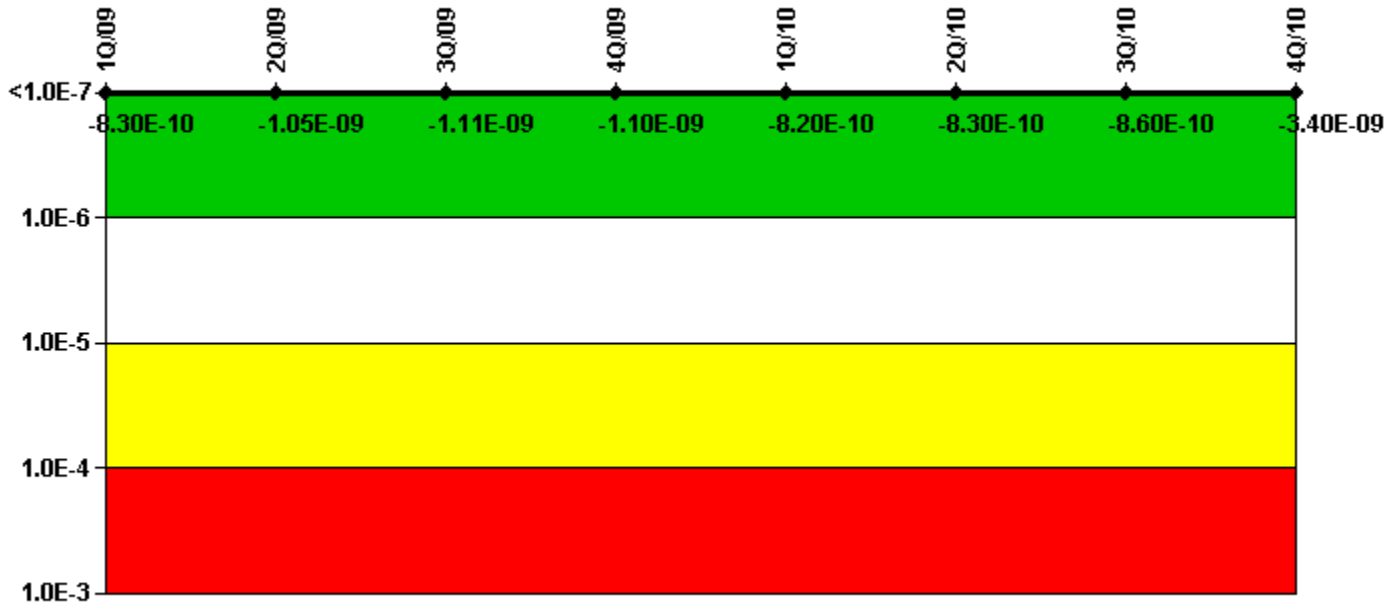
Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -3.77E-08 |
| URI (Δ CDF) | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 | -9.60E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.30E-07 |

Licensee Comments:

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Mitigating Systems Performance Index, Residual Heat Removal System



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

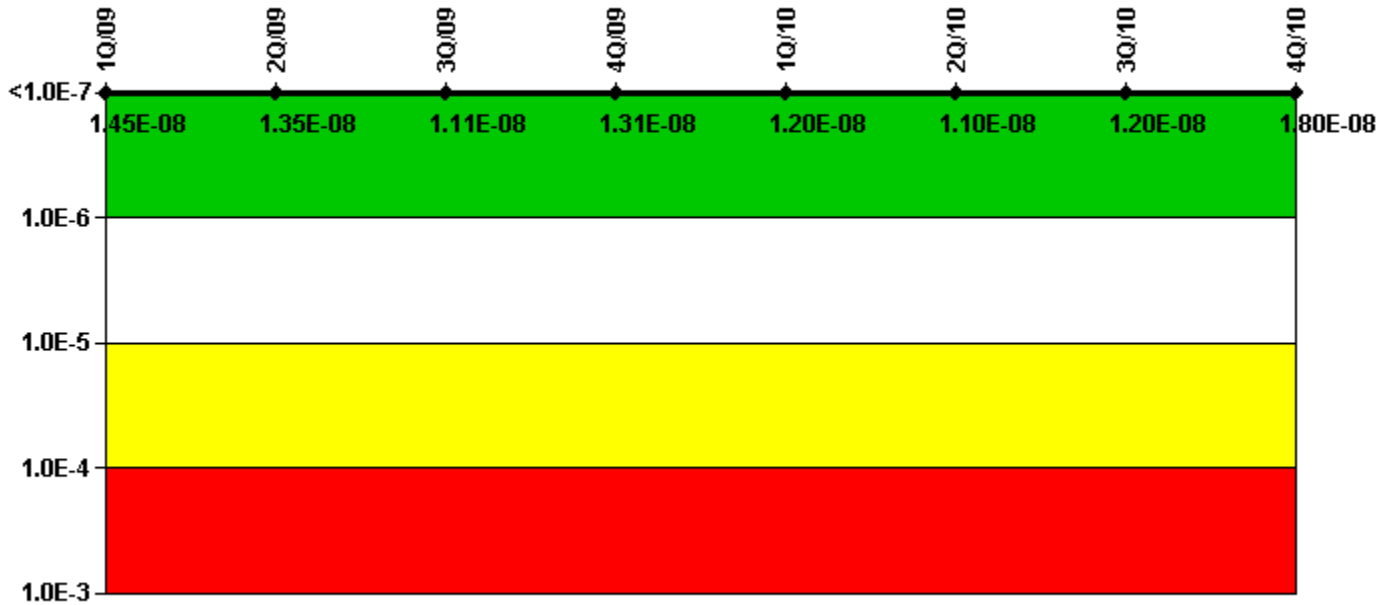
Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.30E-10 | -9.40E-11 | -1.50E-10 | -1.50E-10 | 1.30E-10 | 1.19E-10 | 9.37E-11 | -2.29E-10 |
| URI (Δ CDF) | -9.60E-10 | -9.60E-10 | -9.60E-10 | -9.50E-10 | -9.52E-10 | -9.52E-10 | -9.52E-10 | -3.21E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.30E-10 | -1.05E-09 | -1.11E-09 | -1.10E-09 | -8.20E-10 | -8.30E-10 | -8.60E-10 | -3.40E-09 |

Licensee Comments:

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Mitigating Systems Performance Index, Cooling Water Systems



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

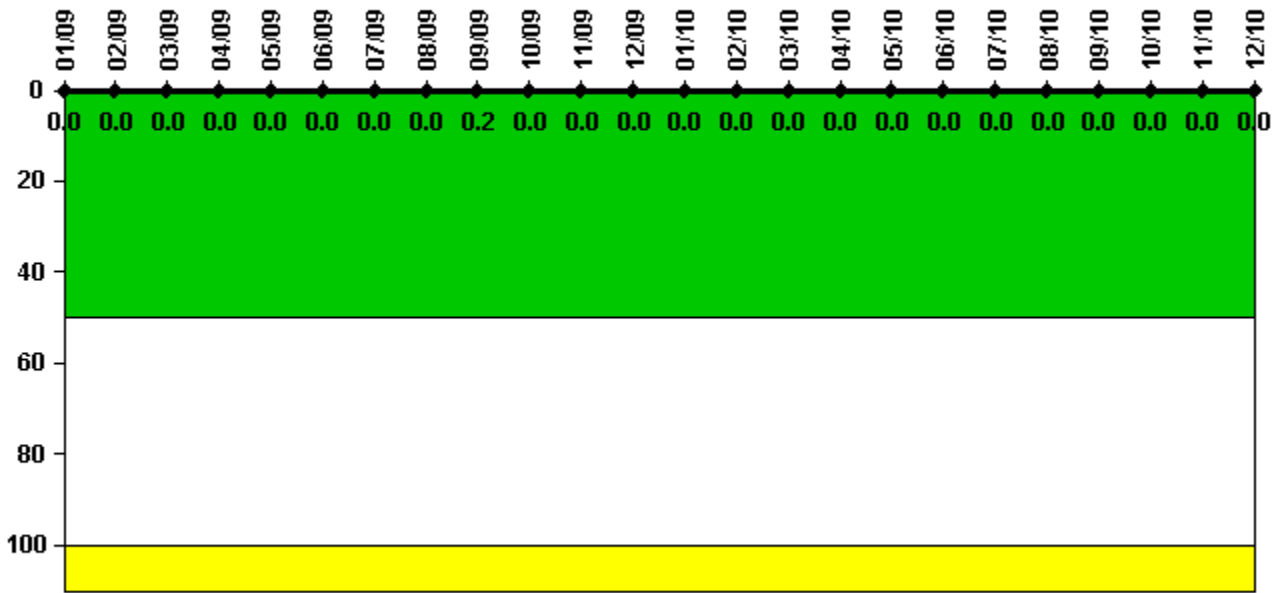
Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.50E-08 | 1.40E-08 | 1.50E-08 | 1.70E-08 | 1.56E-08 | 1.49E-08 | 1.90E-08 | 2.01E-08 |
| URI (Δ CDF) | -5.10E-10 | -5.10E-10 | -3.90E-09 | -3.90E-09 | -3.87E-09 | -3.87E-09 | -7.00E-09 | -1.85E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.45E-08 | 1.35E-08 | 1.11E-08 | 1.31E-08 | 1.20E-08 | 1.10E-08 | 1.20E-08 | 1.80E-08 |

Licensee Comments:

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Reactor Coolant System Activity



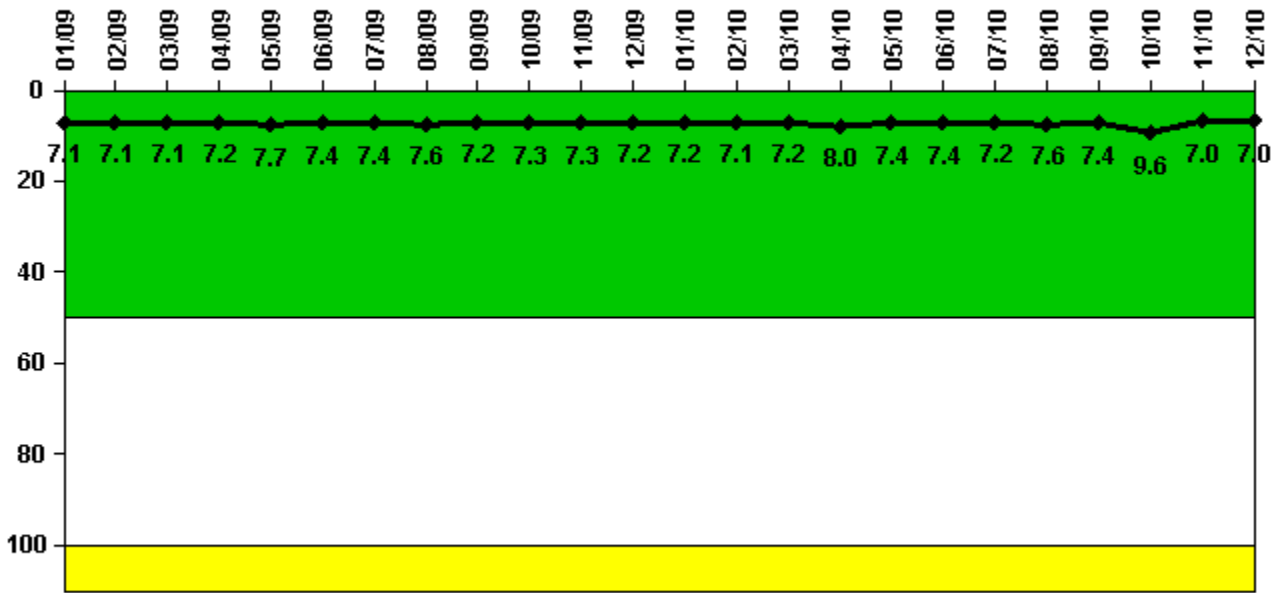
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000047 | 0.000039 | 0.000050 | 0.000051 | 0.000048 | 0.000051 | 0.000063 | 0.000066 | 0.000447 | 0.000072 | 0.000045 | 0.000055 |
| 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 | 0.2 | 0 | 0 | 0 |
| Reactor Coolant System Activity | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 |
| Maximum activity | 0.000046 | 0.000061 | 0.000030 | 0.000028 | 0.000037 | 0.000051 | 0.000038 | 0.000038 | 0.000046 | 0.000024 | 0.000021 | 0.000022 |
| 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



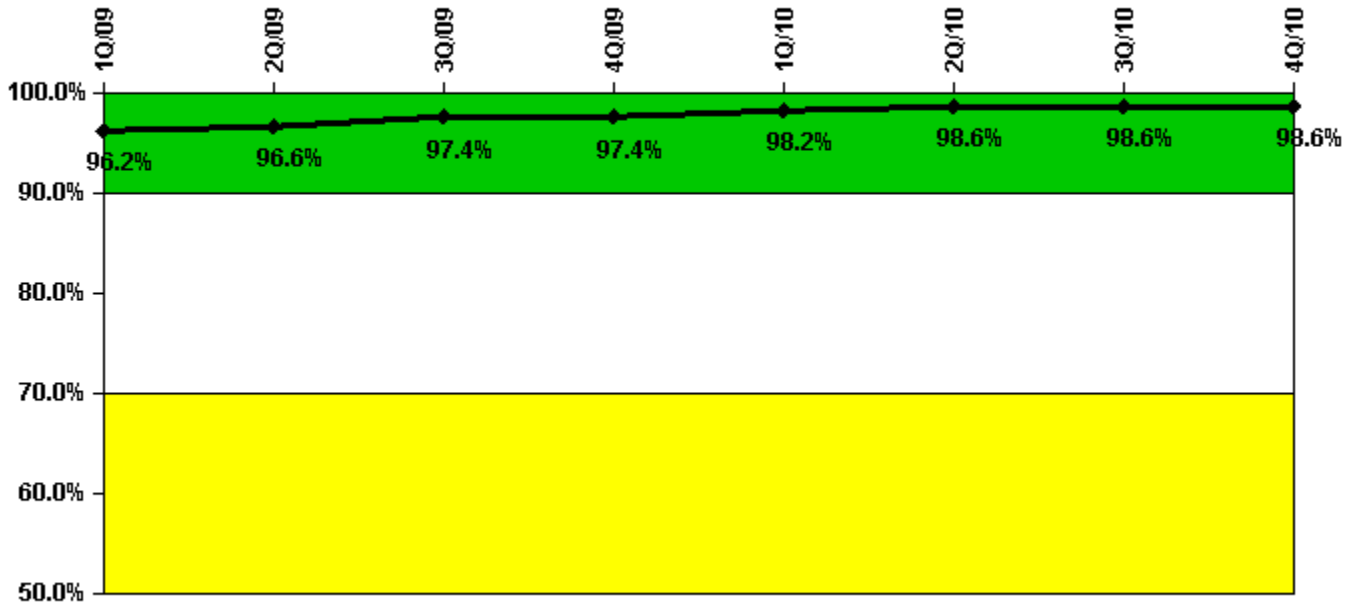
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 1/09 | 2/09 | 3/09 | 4/09 | 5/09 | 6/09 | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.780 | 1.780 | 1.780 | 1.790 | 1.920 | 1.860 | 1.850 | 1.910 | 1.810 | 1.820 | 1.820 | 1.790 |
| 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 | 7.1 | 7.1 | 7.1 | 7.2 | 7.7 | 7.4 | 7.4 | 7.6 | 7.2 | 7.3 | 7.3 | 7.2 |
| Reactor Coolant System Leakage | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 |
| Maximum leakage | 1.810 | 1.780 | 1.790 | 2.000 | 1.840 | 1.840 | 1.810 | 1.890 | 1.850 | 2.400 | 1.750 | 1.740 |
| 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 | 7.2 | 7.1 | 7.2 | 8.0 | 7.4 | 7.4 | 7.2 | 7.6 | 7.4 | 9.6 | 7.0 | 7.0 |

Licensee Comments: none

Drill/Exercise Performance



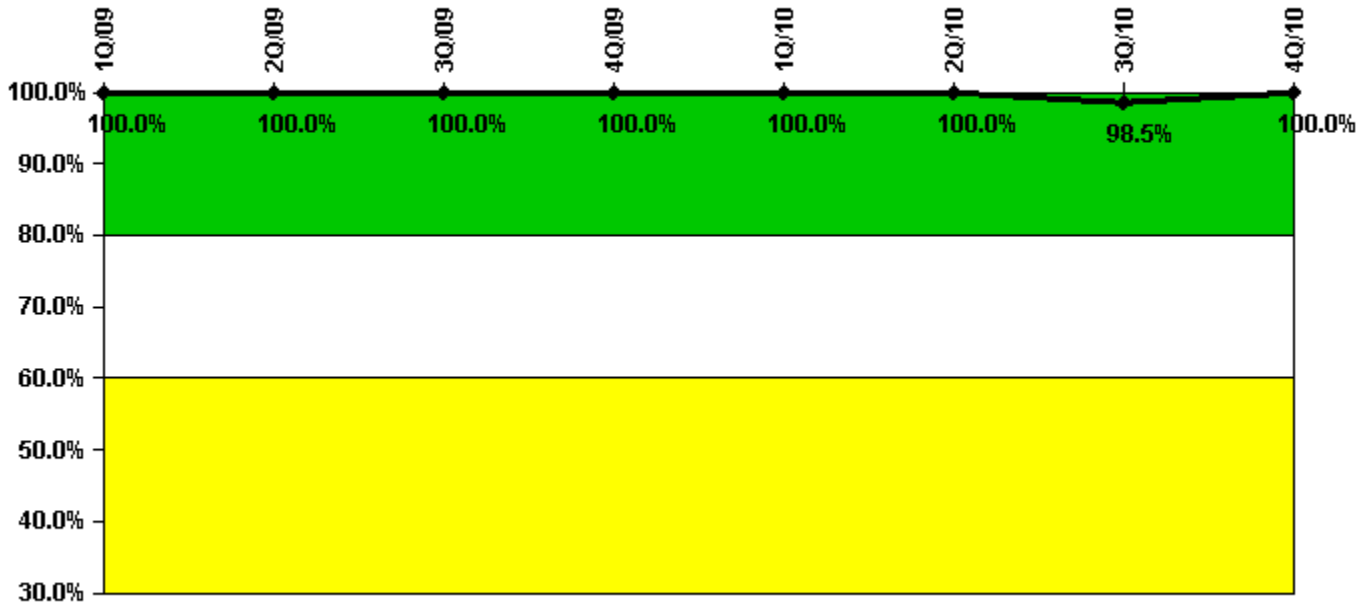
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 71.0 | 37.0 | 47.0 | 14.0 | 73.0 | 57.0 | 20.0 | 28.0 |
| Total opportunities | 73.0 | 38.0 | 48.0 | 14.0 | 74.0 | 57.0 | 20.0 | 28.0 |
| | | | | | | | | |
| Indicator value | 96.2% | 96.6% | 97.4% | 97.4% | 98.2% | 98.6% | 98.6% | 98.6% |

License Comments: none

ERO Drill Participation



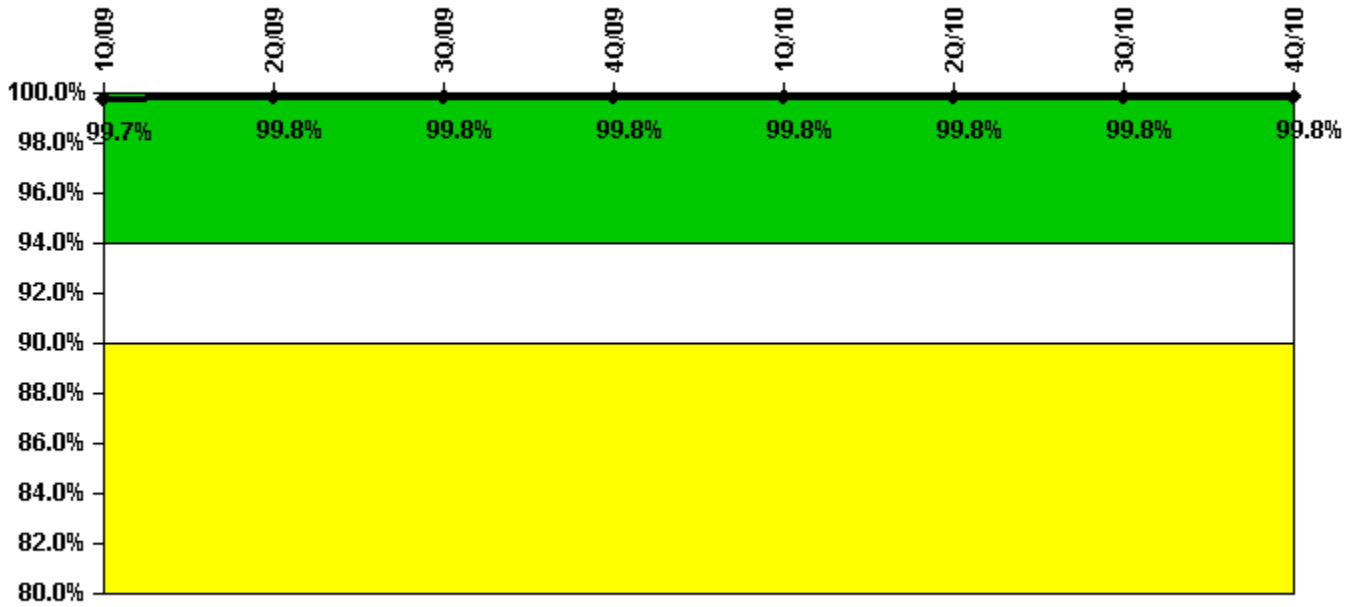
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|
| Participating Key personnel | 68.0 | 71.0 | 69.0 | 67.0 | 68.0 | 68.0 | 65.0 | 67.0 |
| Total Key personnel | 68.0 | 71.0 | 69.0 | 67.0 | 68.0 | 68.0 | 66.0 | 67.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 98.5% | 100.0% |

Licensee Comments: none

Alert & Notification System



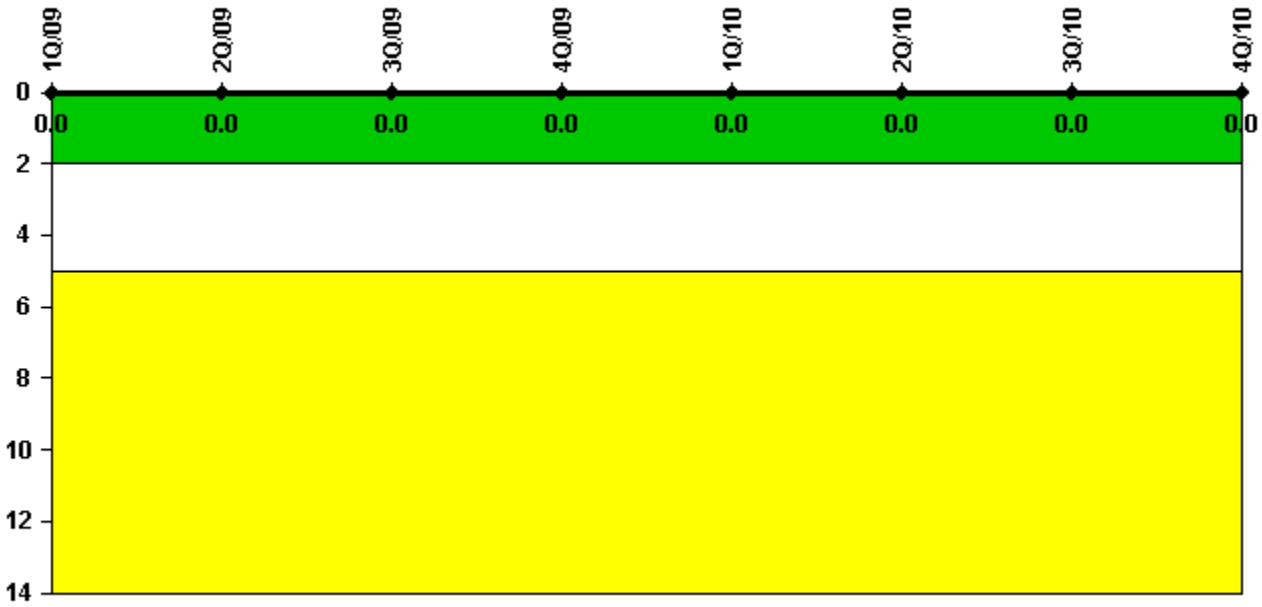
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1162 | 1257 | 1355 | 1259 | 1259 | 1260 | 1255 | 1259 |
| Total sirens-tests | 1164 | 1261 | 1358 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.7% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



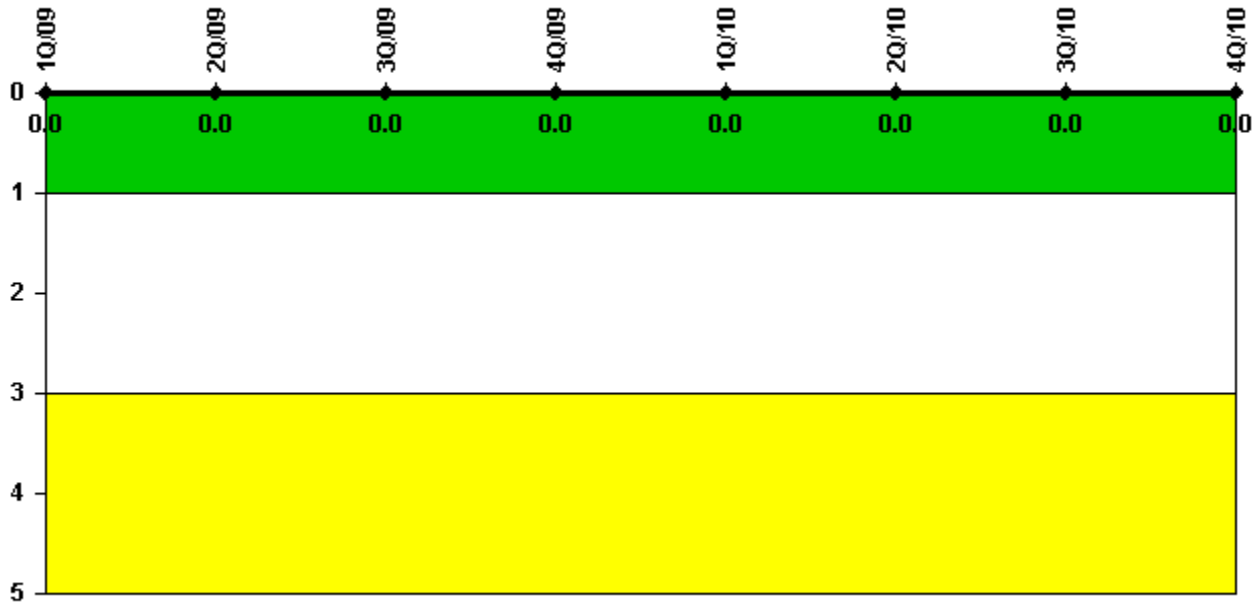
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/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 | 1Q/09 | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/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

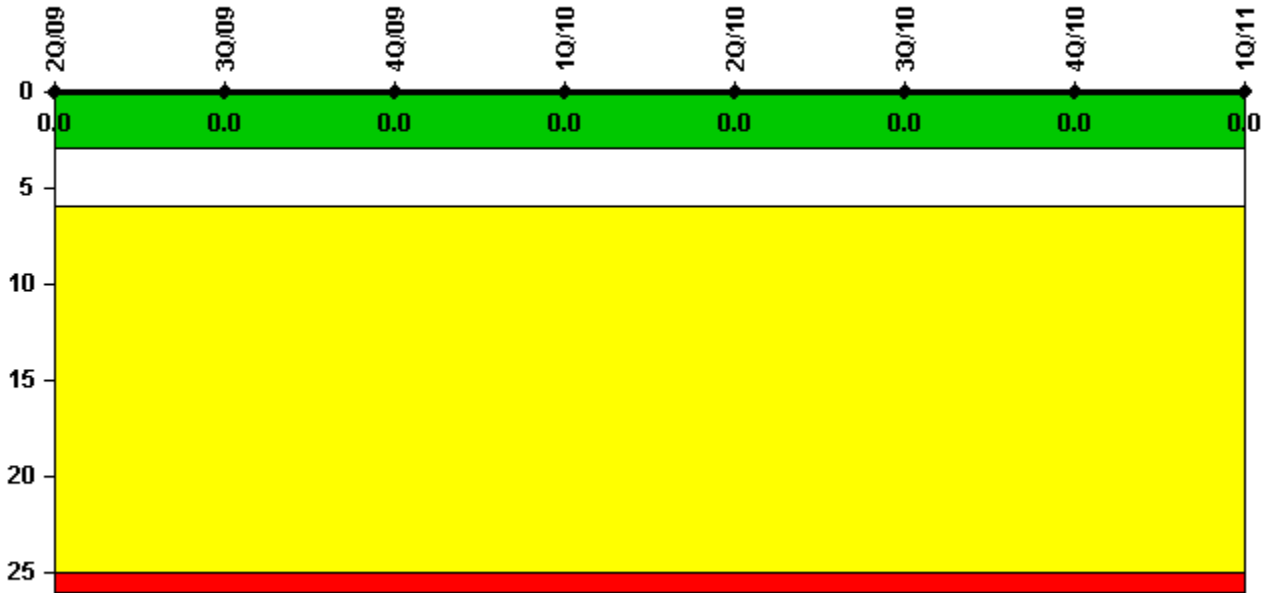
[Security](#) information not publicly available.

Peach Bottom 2

1Q/2011 Performance Indicators

Licensee's General Comments: 1/15/2011 Changes to historical data 4thQtr2011 forward were applied to MSPI PRA values and the unit CDF value.

Unplanned Scrams per 7000 Critical Hrs



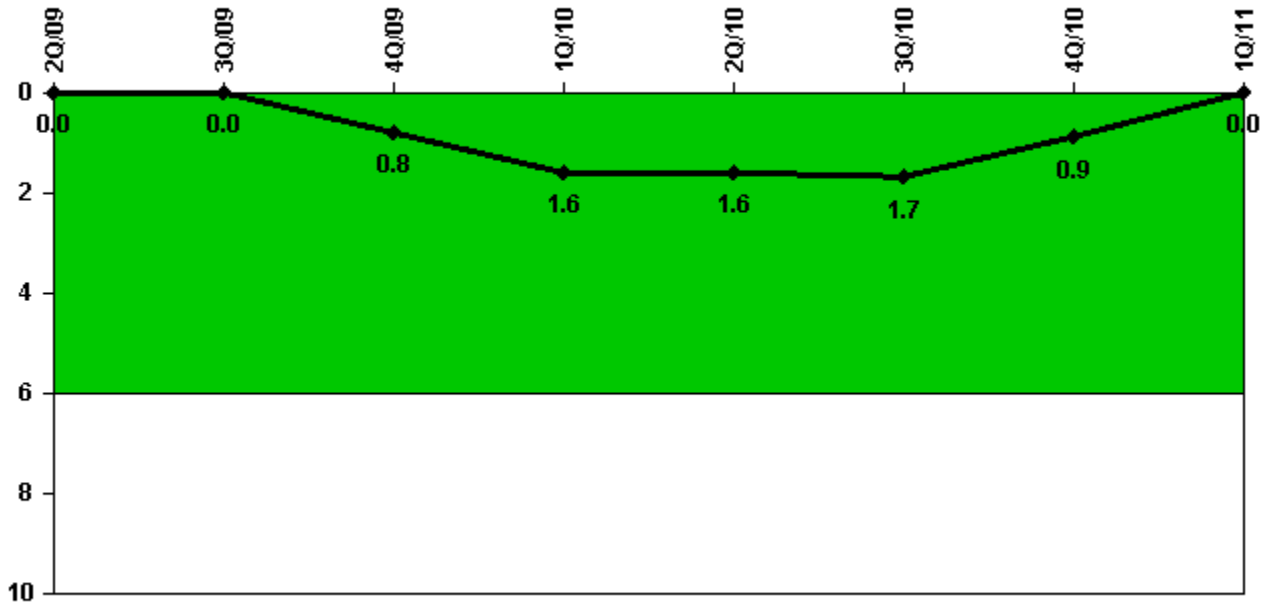
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 1774.2 | 2064.2 | 2159.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



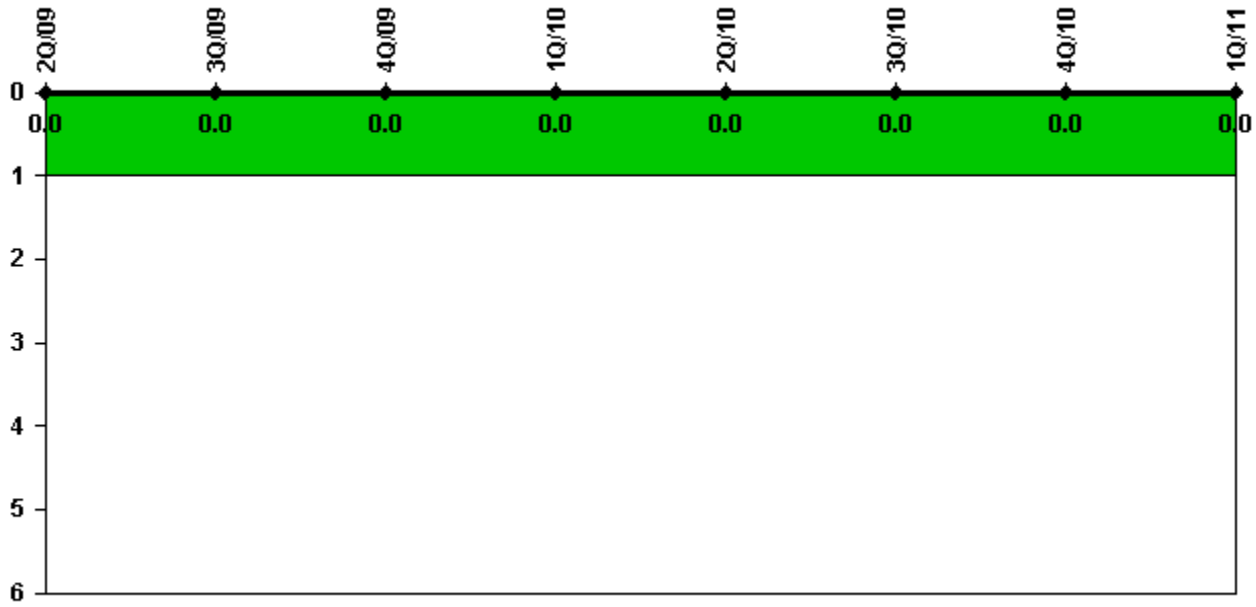
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 1774.2 | 2064.2 | 2159.0 |
| Indicator value | 0 | 0 | 0.8 | 1.6 | 1.6 | 1.7 | 0.9 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



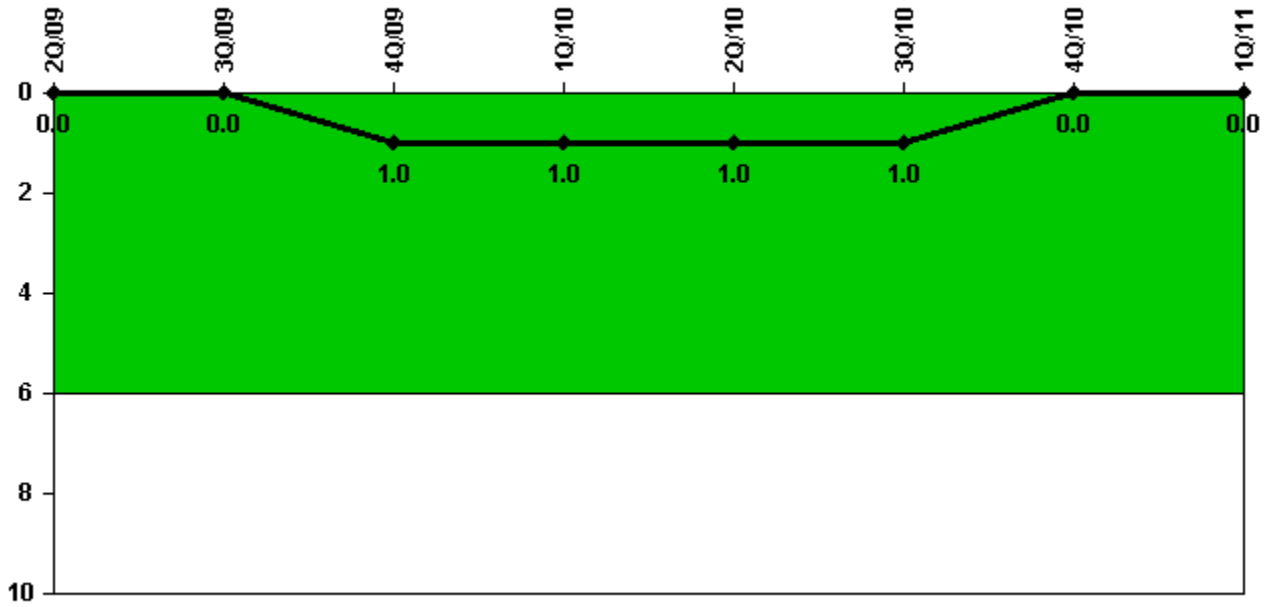
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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)



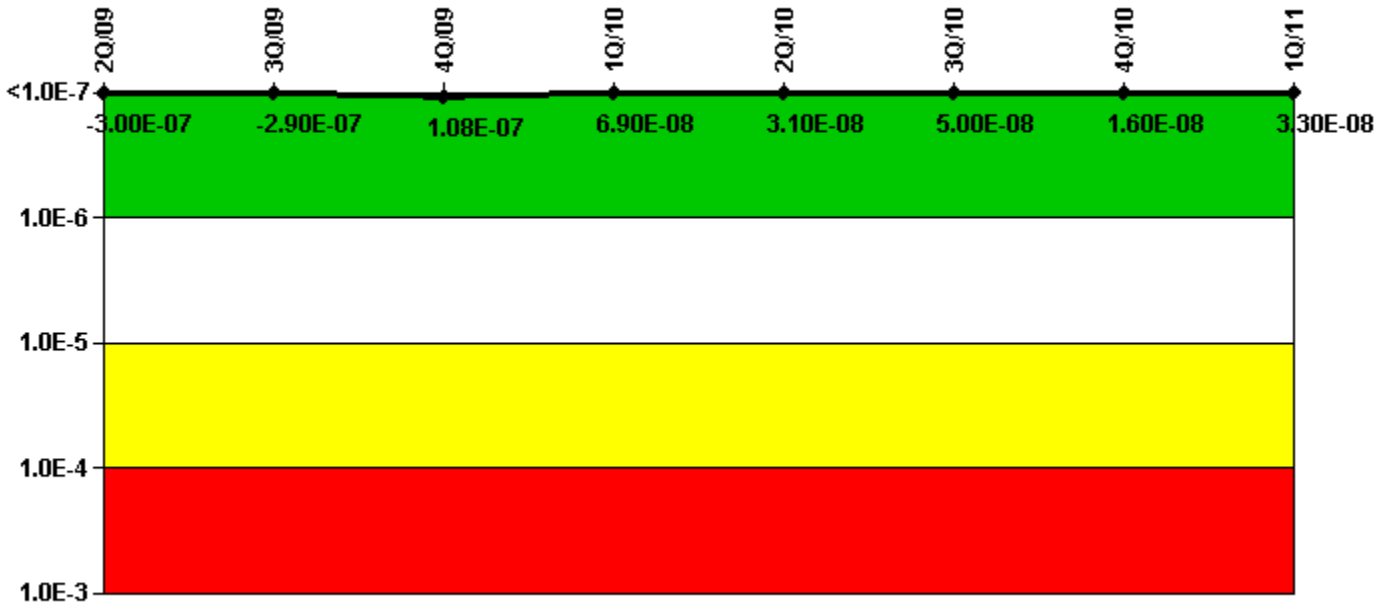
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 1 | 1 | 1 | 1 | 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

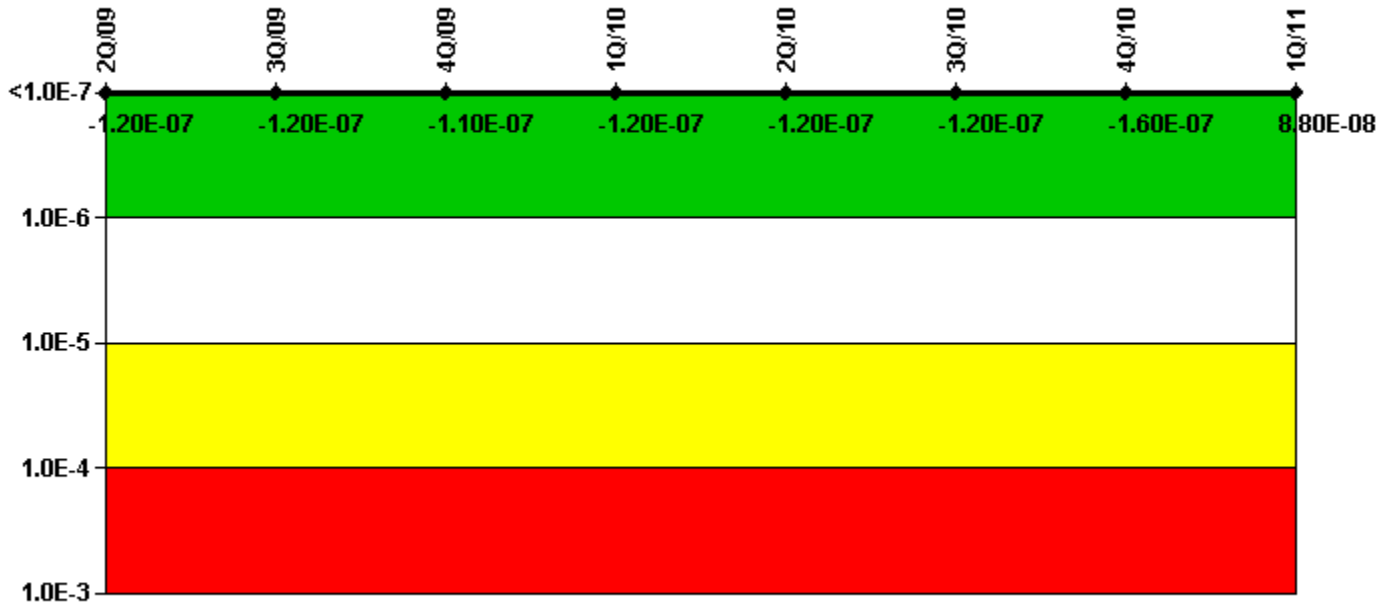
| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---|-----------|-----------|----------|----------|-----------|-----------|-----------|----------|
| UAI (Δ CDF) | 1.70E-07 | 1.50E-07 | 7.80E-08 | 3.02E-08 | -3.47E-09 | -6.45E-09 | -1.72E-08 | 3.57E-09 |
| URI (Δ CDF) | -4.70E-07 | -4.40E-07 | 3.00E-08 | 3.88E-08 | 3.42E-08 | 5.60E-08 | 3.36E-08 | 2.92E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.00E-07 | -2.90E-07 | 1.08E-07 | 6.90E-08 | 3.10E-08 | 5.00E-08 | 1.60E-08 | 3.30E-08 |

Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

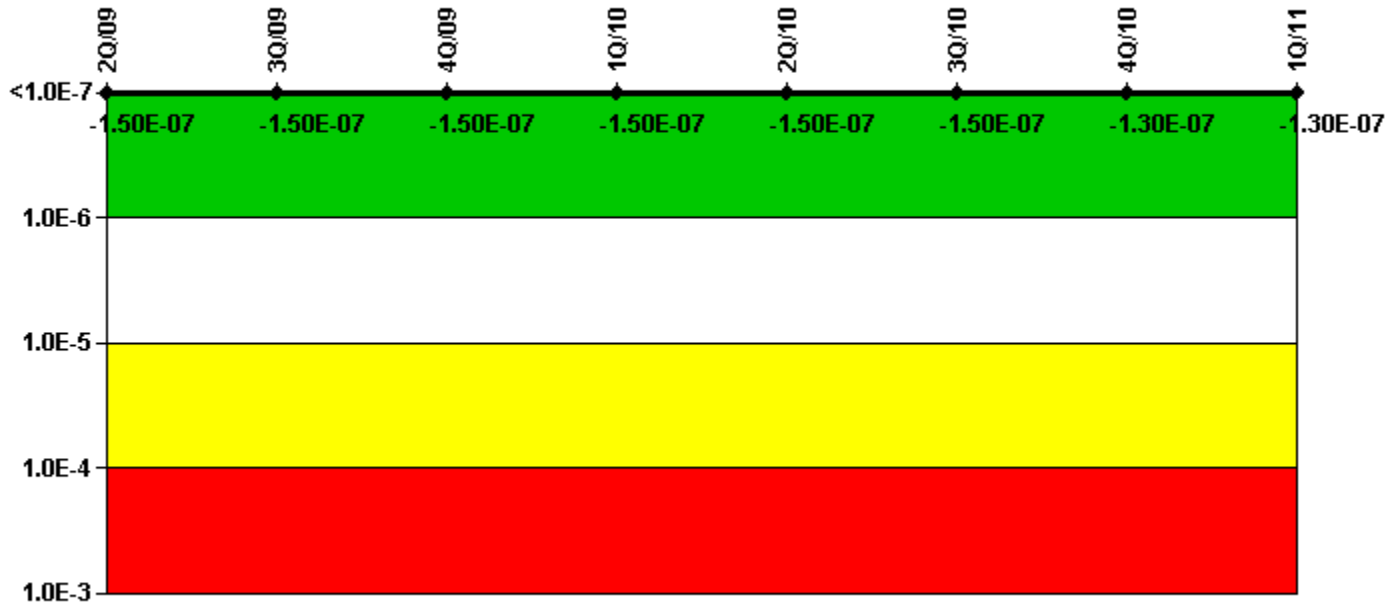
| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.90E-08 | -2.92E-08 | -2.93E-08 | -3.02E-08 | -3.02E-08 | -3.00E-08 | -3.91E-08 | -2.80E-08 |
| URI (Δ CDF) | -8.66E-08 | -8.66E-08 | -8.54E-08 | -8.54E-08 | -8.54E-08 | -8.54E-08 | -1.25E-07 | 1.16E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.20E-07 | -1.10E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.60E-07 | 8.80E-08 |

Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Mitigating Systems Performance Index, Heat Removal System



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

Notes

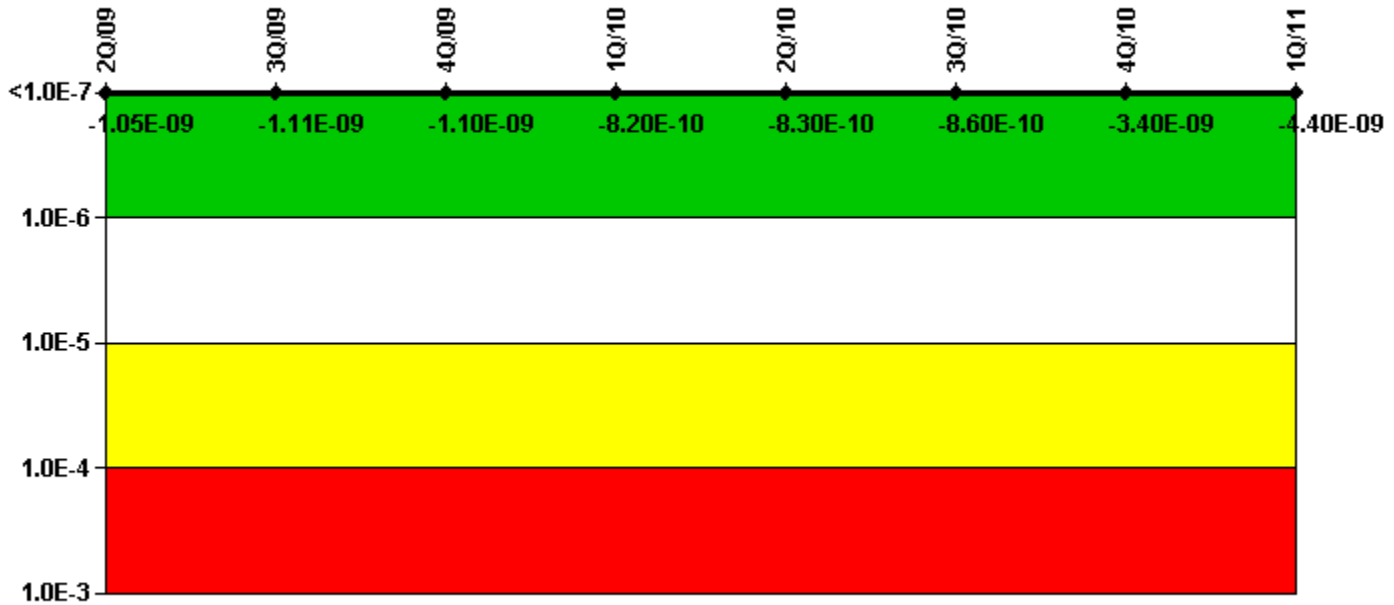
| Mitigating Systems Performance Index, Heat Removal System | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 | -9.60E-08 | -9.63E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.30E-07 | -1.30E-07 |

Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

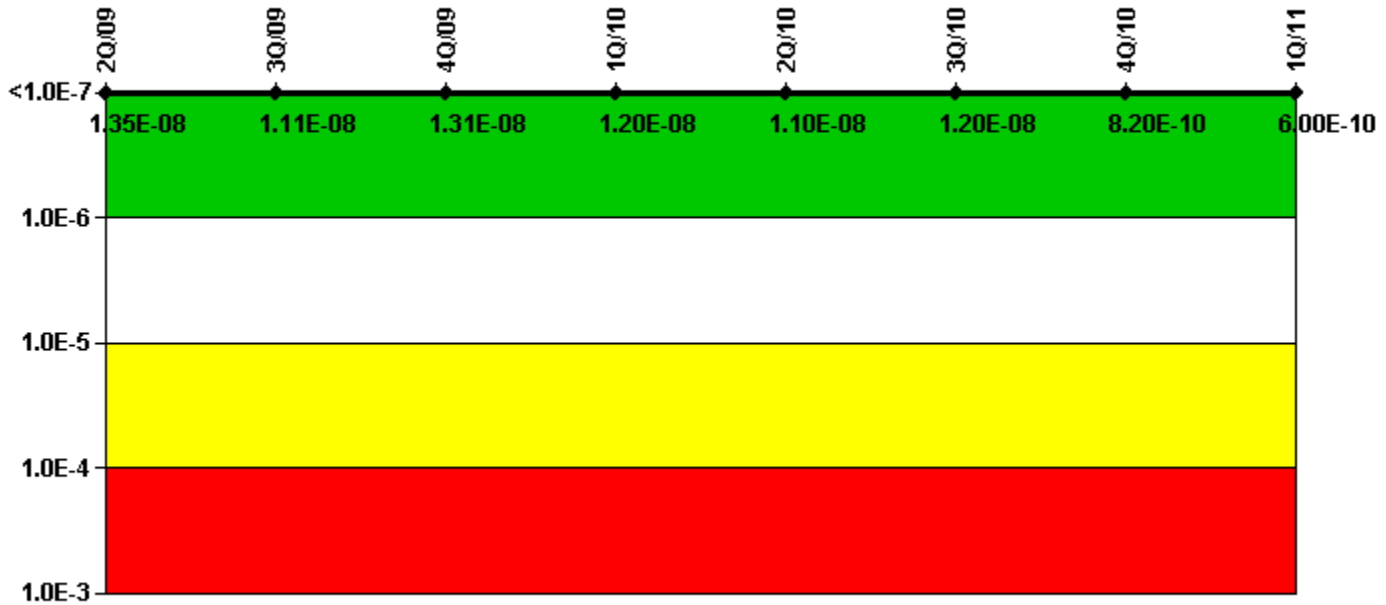
| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -9.40E-11 | -1.50E-10 | -1.50E-10 | 1.30E-10 | 1.19E-10 | 9.37E-11 | -2.19E-10 | -2.17E-10 |
| URI (Δ CDF) | -9.60E-10 | -9.60E-10 | -9.50E-10 | -9.52E-10 | -9.52E-10 | -9.52E-10 | -3.21E-09 | -4.19E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.05E-09 | -1.11E-09 | -1.10E-09 | -8.20E-10 | -8.30E-10 | -8.60E-10 | -3.40E-09 | -4.40E-09 |

Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

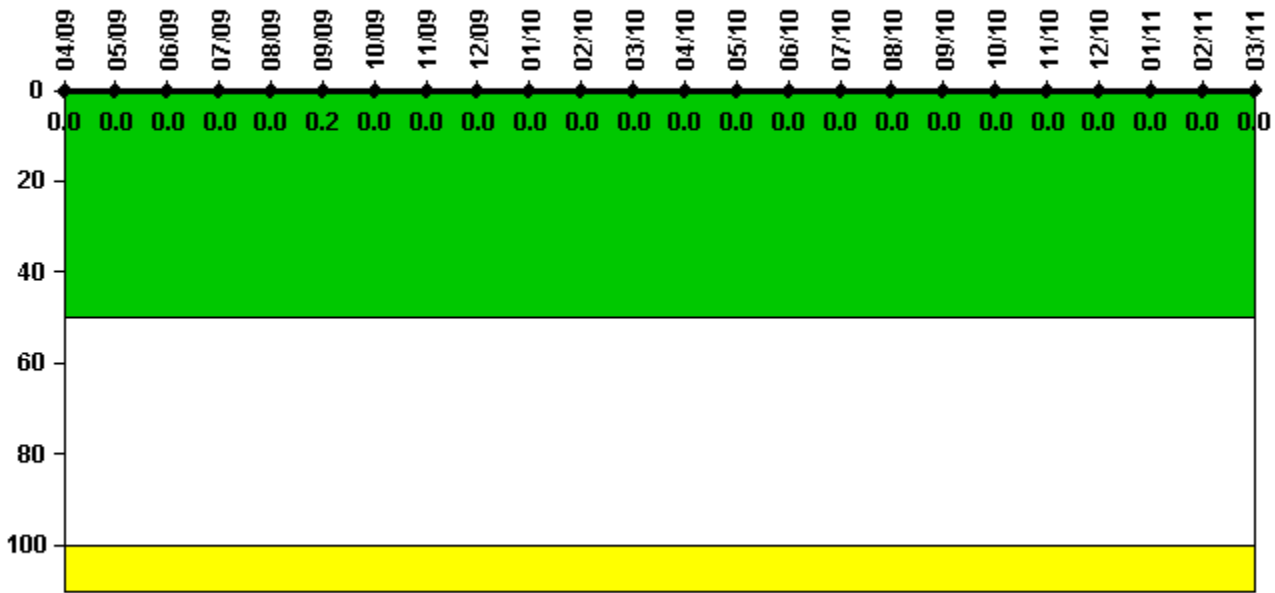
| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 1.40E-08 | 1.50E-08 | 1.70E-08 | 1.56E-08 | 1.49E-08 | 1.90E-08 | 2.68E-09 | 2.45E-09 |
| URI (ΔCDF) | -5.10E-10 | -3.90E-09 | -3.90E-09 | -3.87E-09 | -3.87E-09 | -7.00E-09 | -1.85E-09 | -1.85E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.35E-08 | 1.11E-08 | 1.31E-08 | 1.20E-08 | 1.10E-08 | 1.20E-08 | 8.20E-10 | 6.00E-10 |

Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Reactor Coolant System Activity



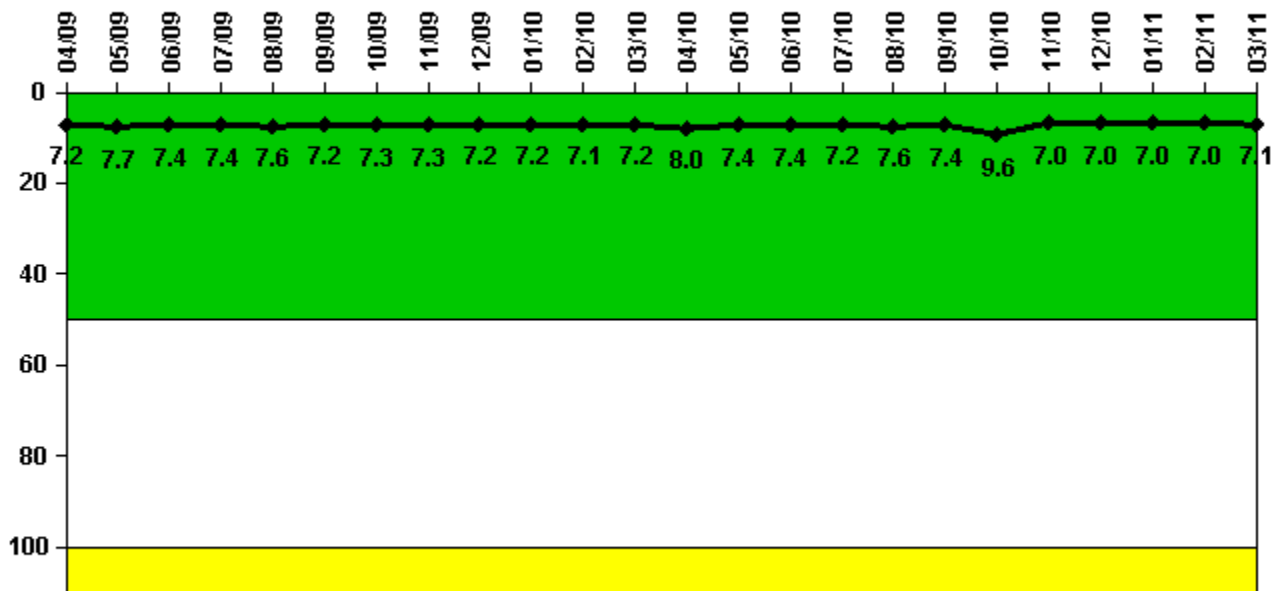
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 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 activity | 0.000051 | 0.000048 | 0.000051 | 0.000063 | 0.000066 | 0.000447 | 0.000072 | 0.000045 | 0.000055 | 0.000046 | 0.000061 | 0.000030 |
| 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 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reactor Coolant System Activity | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 |
| Maximum activity | 0.000028 | 0.000037 | 0.000051 | 0.000038 | 0.000038 | 0.000046 | 0.000024 | 0.000021 | 0.000022 | 0.000022 | 0.000029 | 0.000061 |
| 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

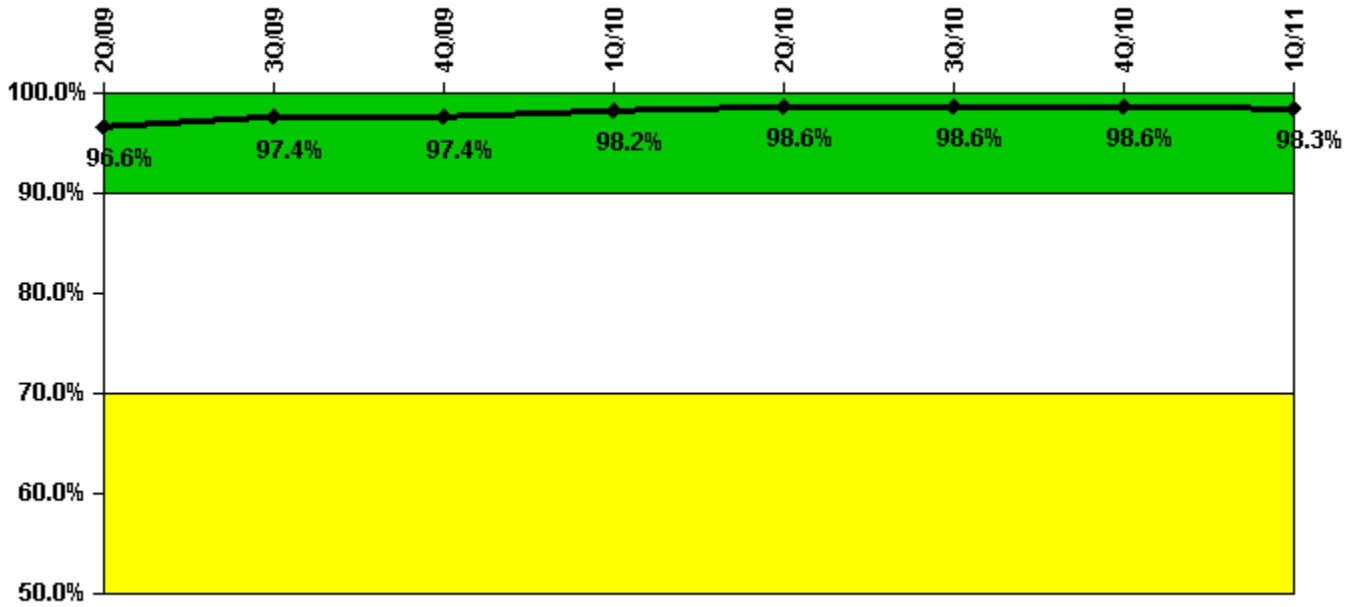
Notes

| Reactor Coolant System Leakage | 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 | 1.790 | 1.920 | 1.860 | 1.850 | 1.910 | 1.810 | 1.820 | 1.820 | 1.790 | 1.810 | 1.780 | 1.790 |
| 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 | 7.2 | 7.7 | 7.4 | 7.4 | 7.6 | 7.2 | 7.3 | 7.3 | 7.2 | 7.2 | 7.1 | 7.2 |

| Reactor Coolant System Leakage | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.000 | 1.840 | 1.840 | 1.810 | 1.890 | 1.850 | 2.400 | 1.750 | 1.740 | 1.740 | 1.740 | 1.780 |
| 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 | 8.0 | 7.4 | 7.4 | 7.2 | 7.6 | 7.4 | 9.6 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 |

Licensee Comments: none

Drill/Exercise Performance



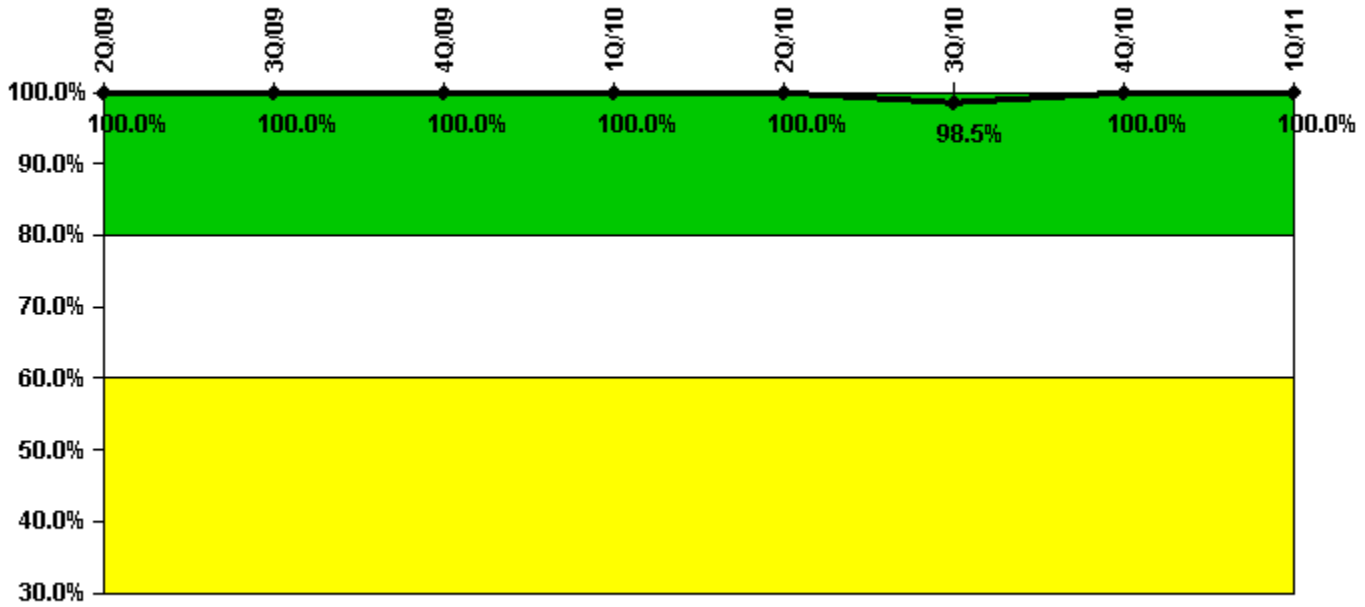
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 37.0 | 47.0 | 14.0 | 73.0 | 57.0 | 20.0 | 28.0 | 70.0 |
| Total opportunities | 38.0 | 48.0 | 14.0 | 74.0 | 57.0 | 20.0 | 28.0 | 73.0 |
| | | | | | | | | |
| Indicator value | 96.6% | 97.4% | 97.4% | 98.2% | 98.6% | 98.6% | 98.6% | 98.3% |

Licensee Comments: none

ERO Drill Participation



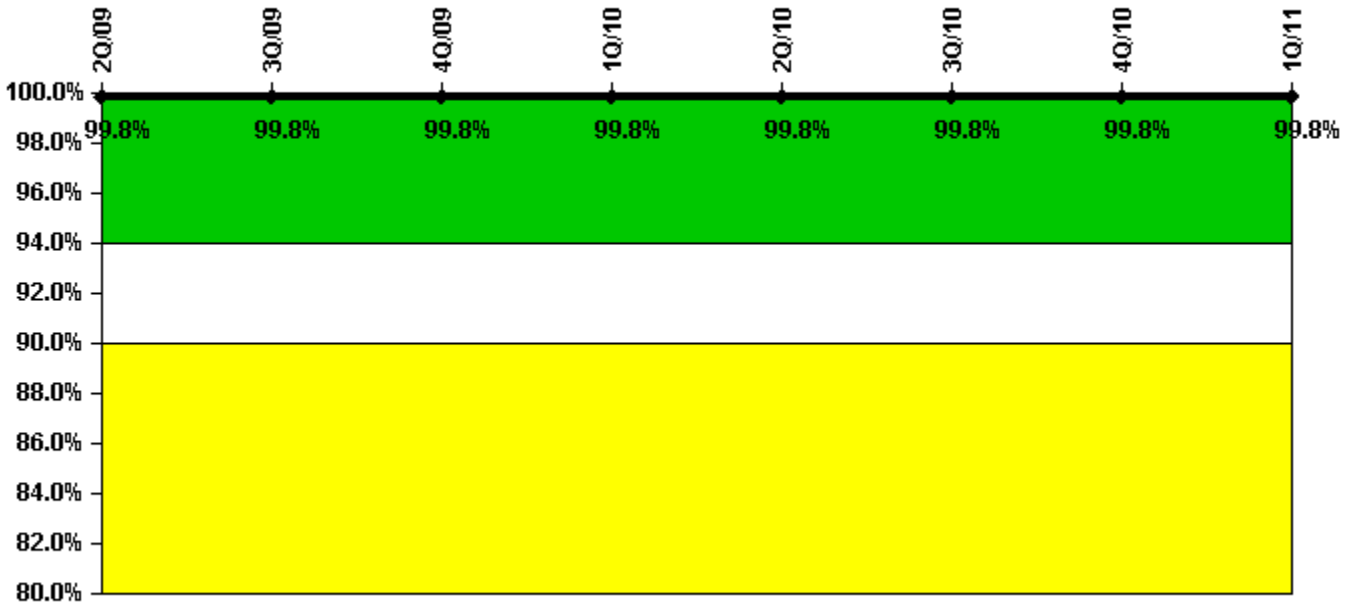
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|
| Participating Key personnel | 71.0 | 69.0 | 67.0 | 68.0 | 68.0 | 65.0 | 67.0 | 66.0 |
| Total Key personnel | 71.0 | 69.0 | 67.0 | 68.0 | 68.0 | 66.0 | 67.0 | 66.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 98.5% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



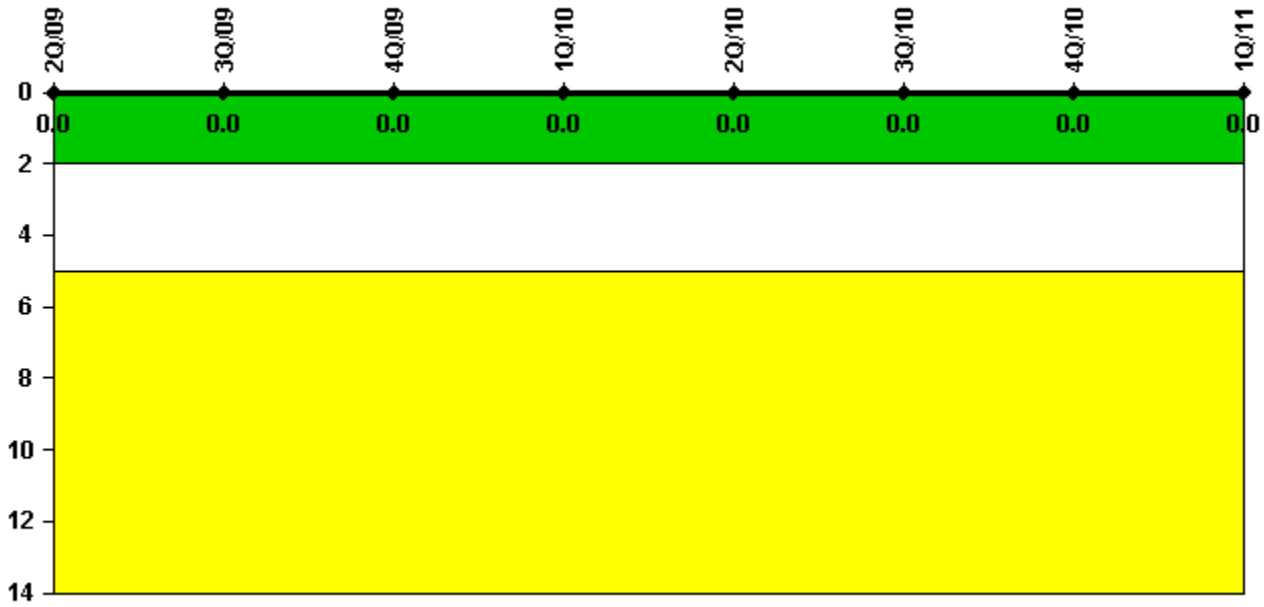
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1257 | 1355 | 1259 | 1259 | 1260 | 1255 | 1259 | 1260 |
| Total sirens-tests | 1261 | 1358 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



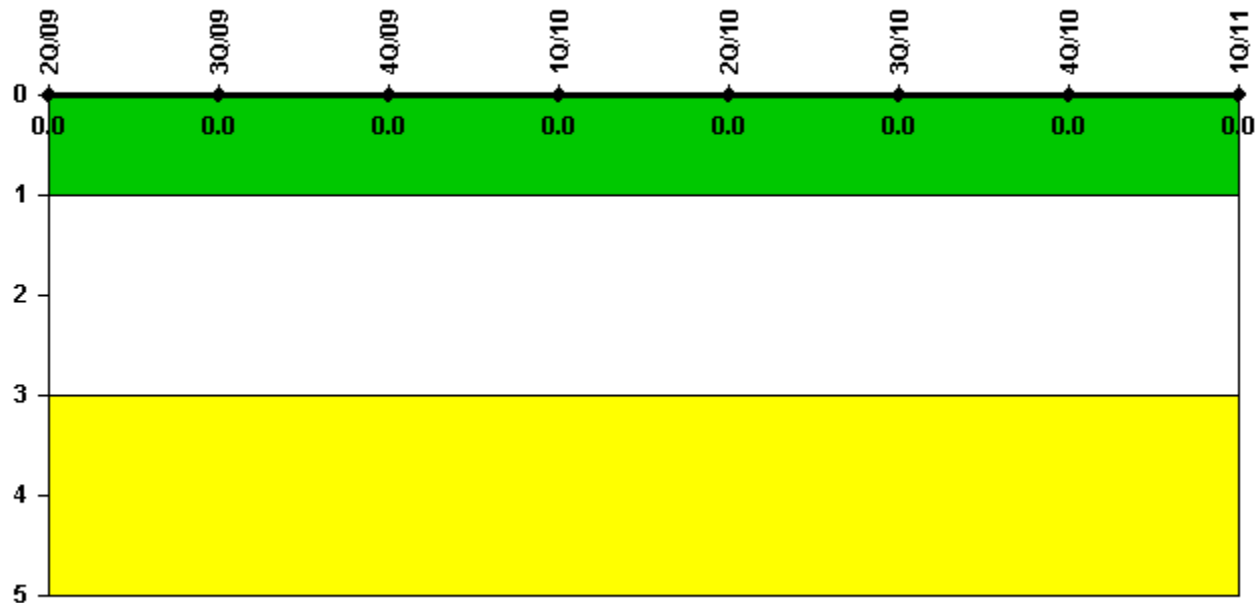
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/09 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.

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

Last Modified: May 4, 2011

Peach Bottom 2

2Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



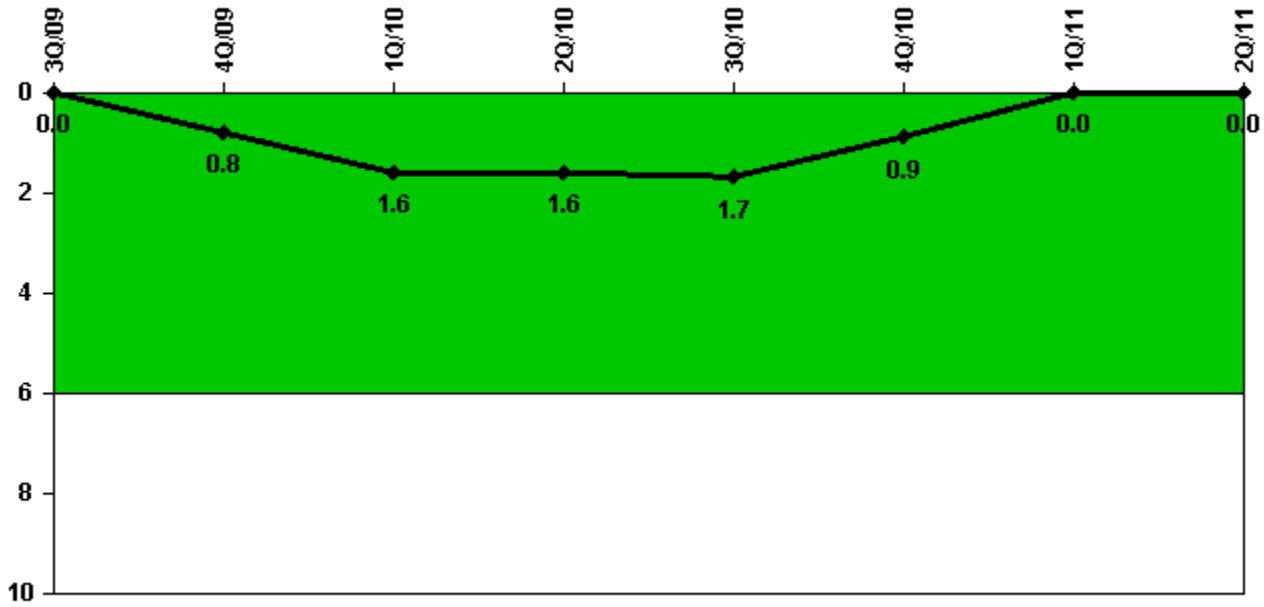
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 1774.2 | 2064.2 | 2159.0 | 2184.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



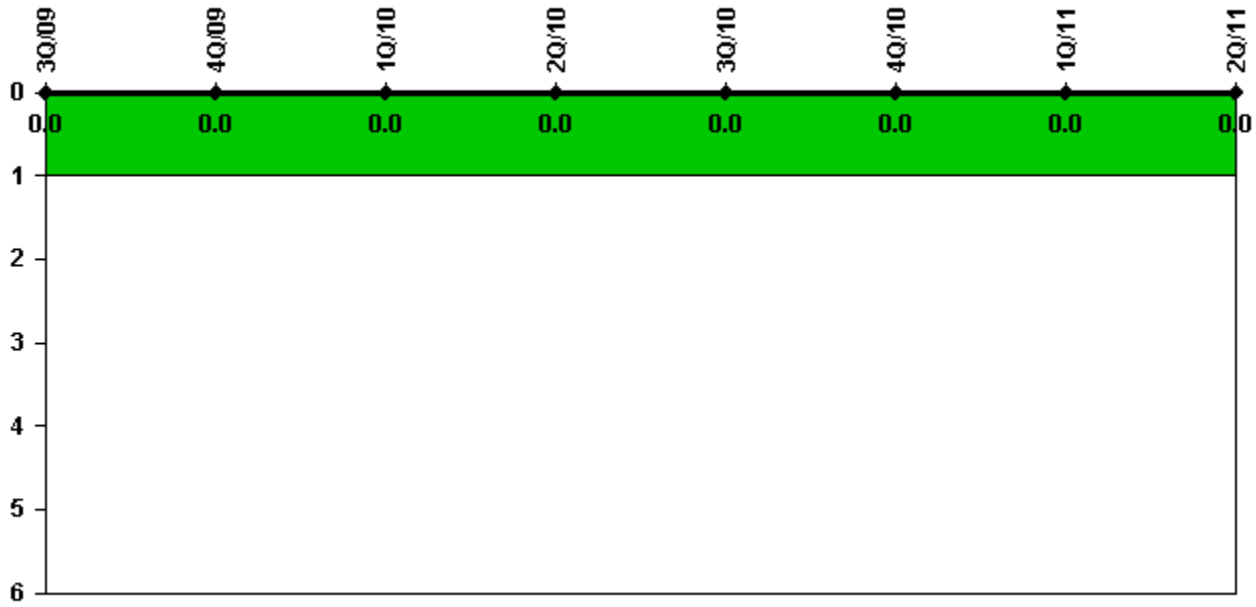
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---|----------|------------|------------|------------|------------|------------|----------|----------|
| Unplanned power changes | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 1774.2 | 2064.2 | 2159.0 | 2184.0 |
| | | | | | | | | |
| Indicator value | 0 | 0.8 | 1.6 | 1.6 | 1.7 | 0.9 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



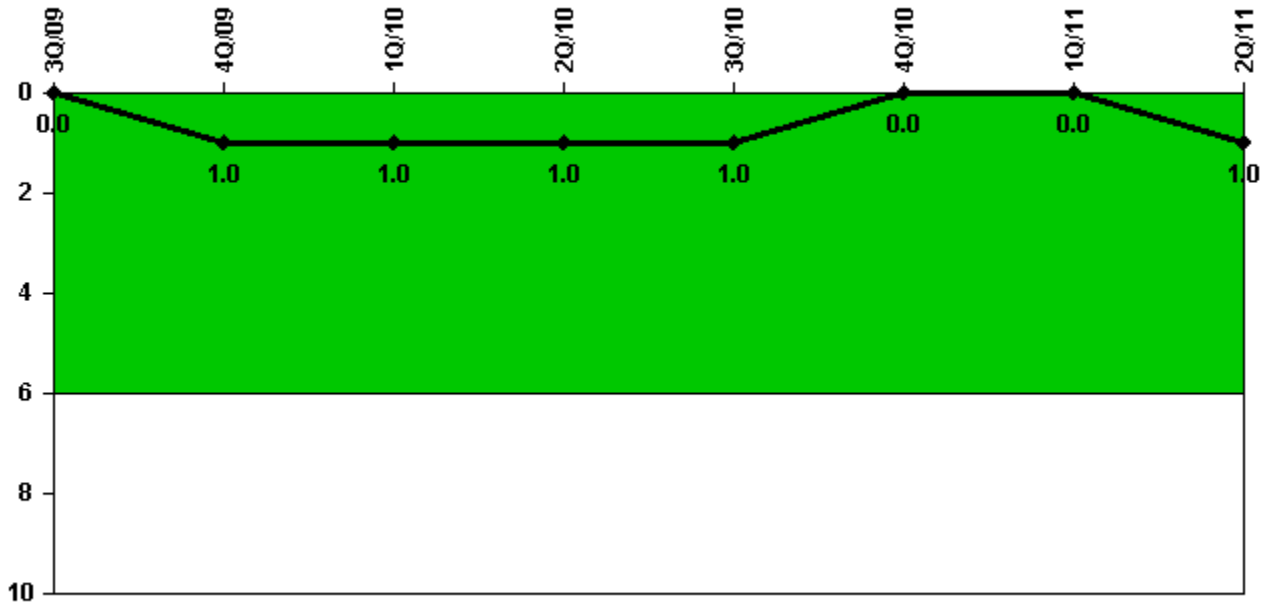
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

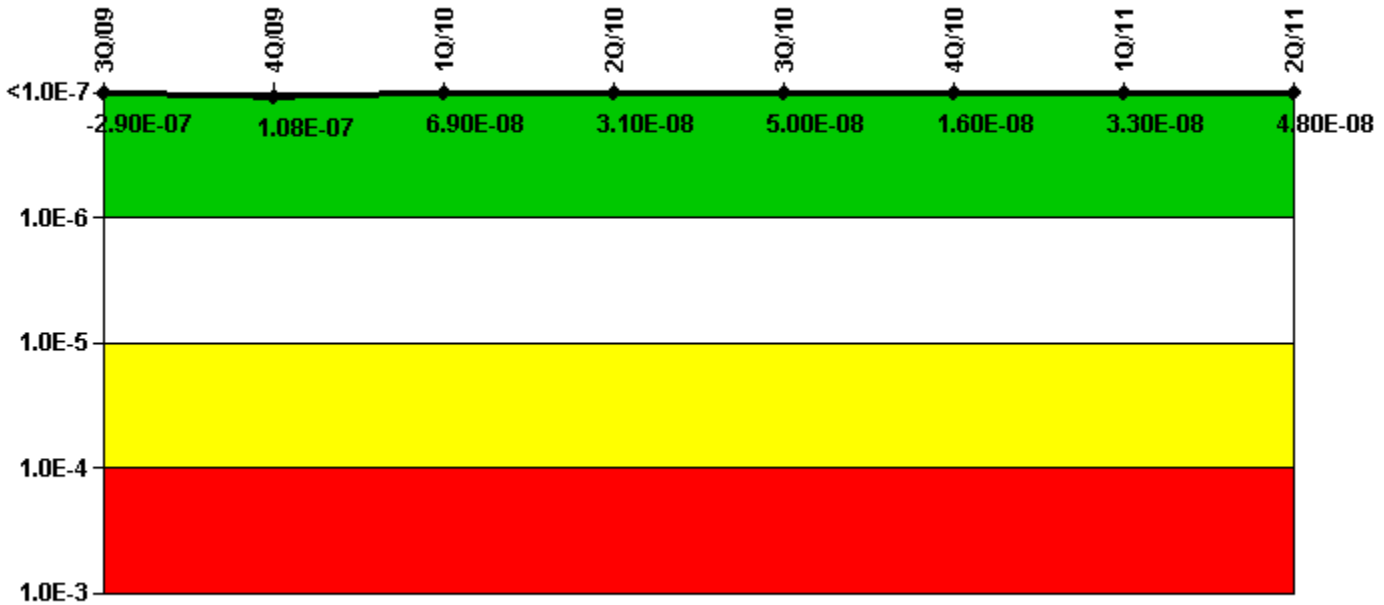
Notes

| Safety System Functional Failures (BWR) | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Indicator value | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |

Licensee Comments:

2Q/11: LER 2-11-01

Mitigating Systems Performance Index, Emergency AC Power System



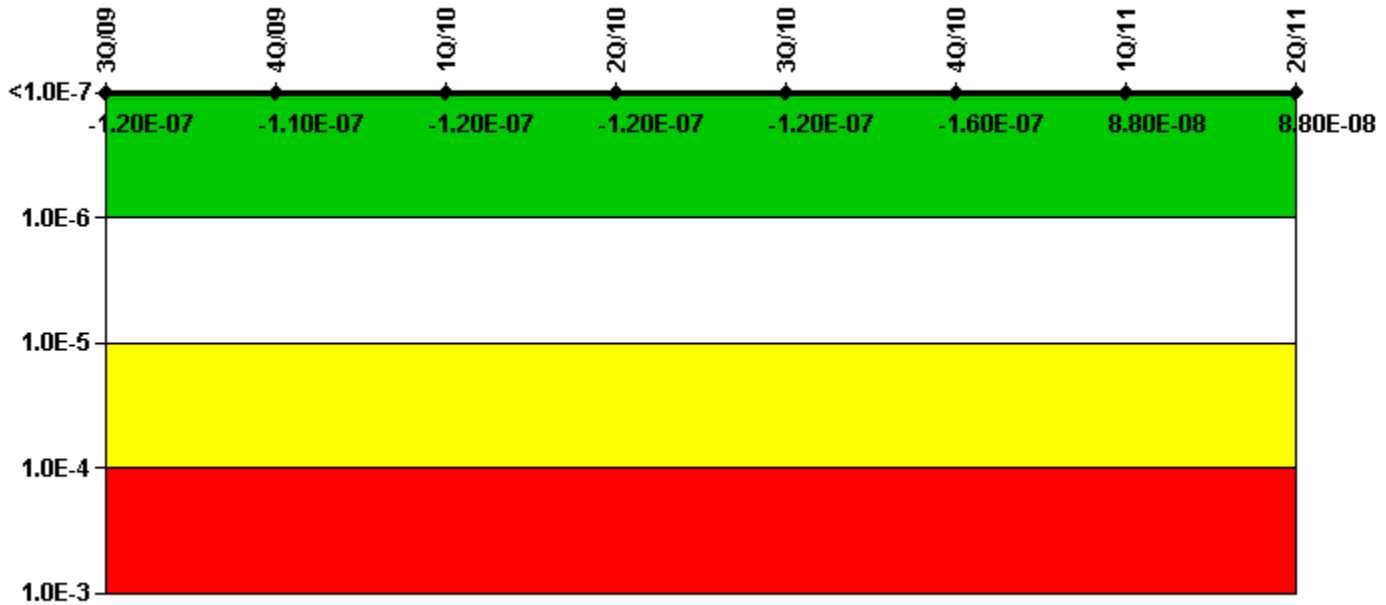
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---|-------------|------------|------------|-------------|-------------|-------------|------------|------------|
| UAI (Δ CDF) | $1.50E-07$ | $7.80E-08$ | $3.02E-08$ | $-3.47E-09$ | $-6.45E-09$ | $-1.72E-08$ | $3.57E-09$ | $1.87E-08$ |
| URI (Δ CDF) | $-4.40E-07$ | $3.00E-08$ | $3.88E-08$ | $3.42E-08$ | $5.60E-08$ | $3.36E-08$ | $2.92E-08$ | $2.96E-08$ |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | $-2.90E-07$ | $1.08E-07$ | $6.90E-08$ | $3.10E-08$ | $5.00E-08$ | $1.60E-08$ | $3.30E-08$ | $4.80E-08$ |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



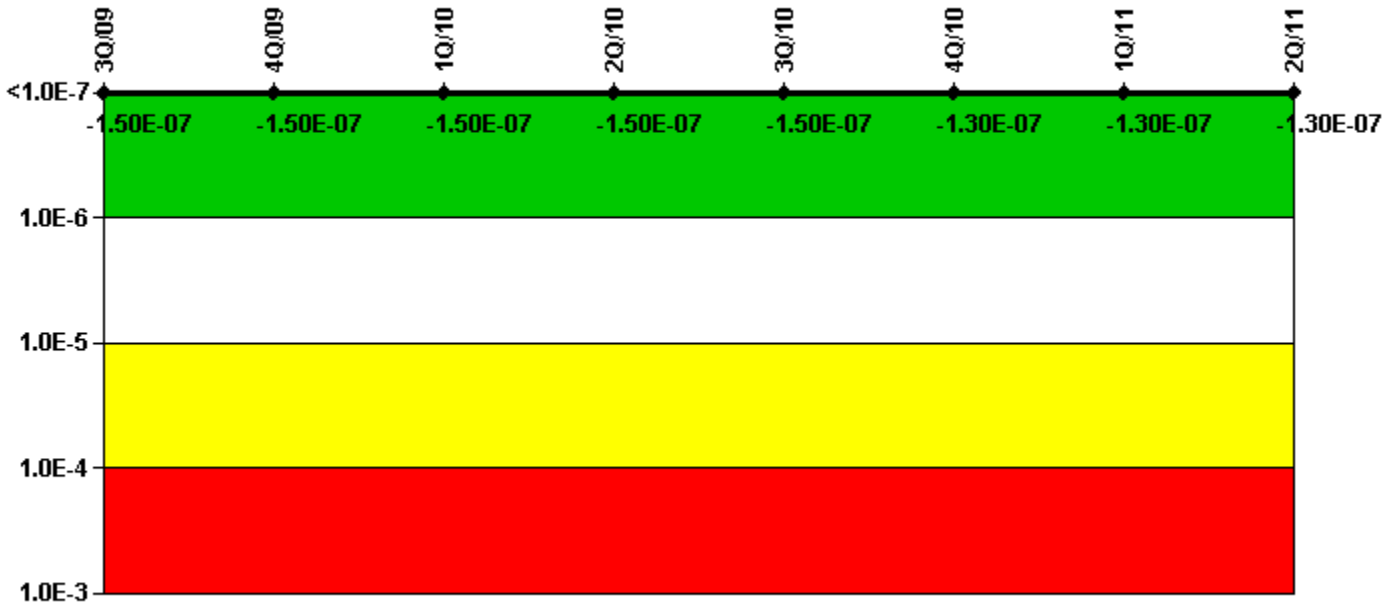
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.92E-08 | -2.93E-08 | -3.02E-08 | -3.02E-08 | -3.00E-08 | -3.91E-08 | -2.80E-08 | -2.80E-08 |
| URI (Δ CDF) | -8.66E-08 | -8.54E-08 | -8.54E-08 | -8.54E-08 | -8.54E-08 | -1.25E-07 | 1.16E-07 | 1.16E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.10E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.60E-07 | 8.80E-08 | 8.80E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



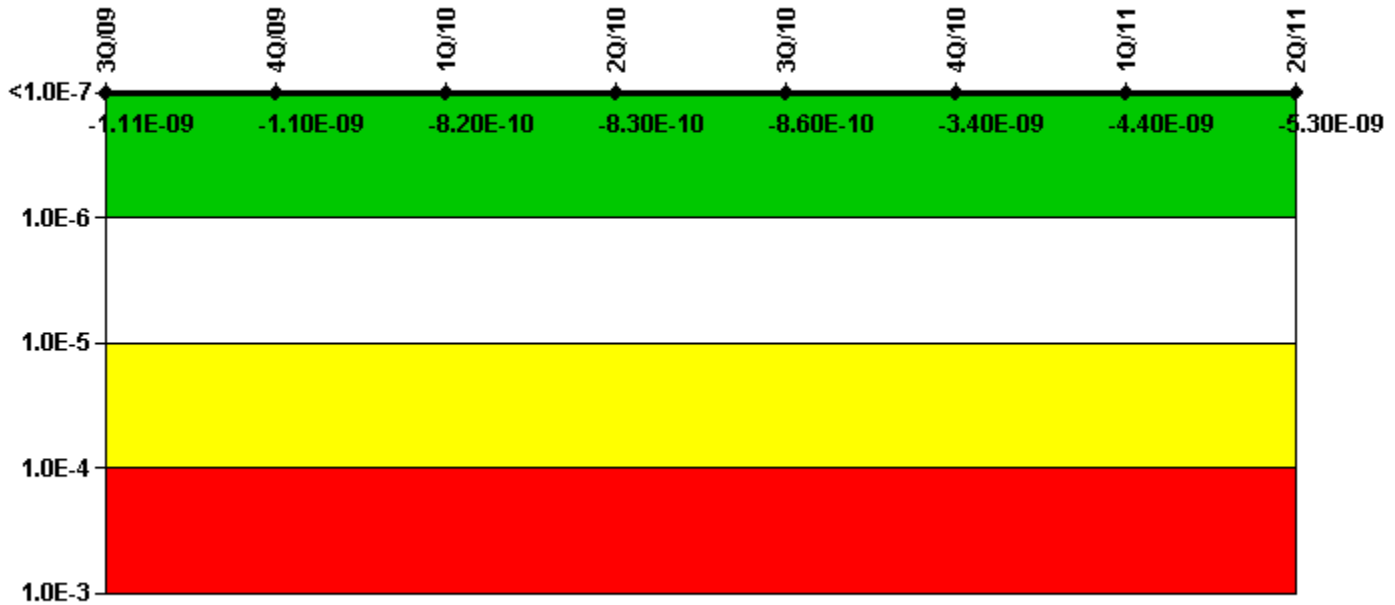
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 | -9.60E-08 | -9.63E-08 | -9.65E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



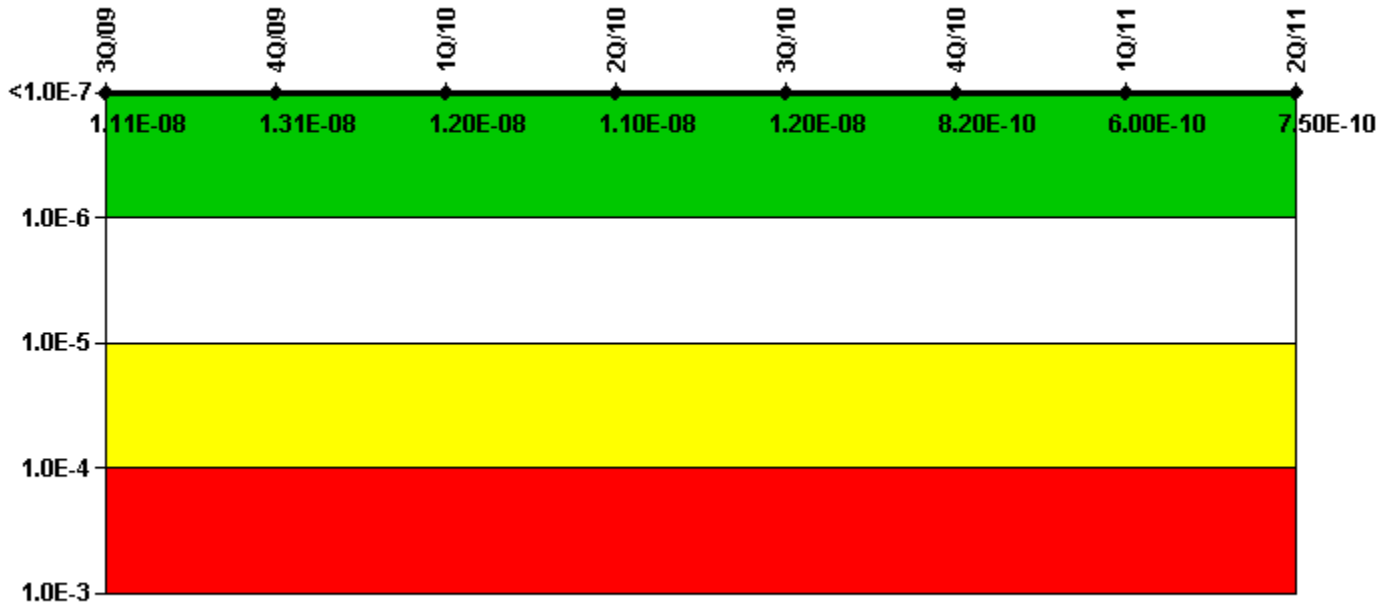
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.50E-10 | -1.50E-10 | 1.30E-10 | 1.19E-10 | 9.37E-11 | -2.19E-10 | -2.17E-10 | -2.17E-10 |
| URI (Δ CDF) | -9.60E-10 | -9.50E-10 | -9.52E-10 | -9.52E-10 | -9.52E-10 | -3.21E-09 | -4.19E-09 | -5.09E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.11E-09 | -1.10E-09 | -8.20E-10 | -8.30E-10 | -8.60E-10 | -3.40E-09 | -4.40E-09 | -5.30E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



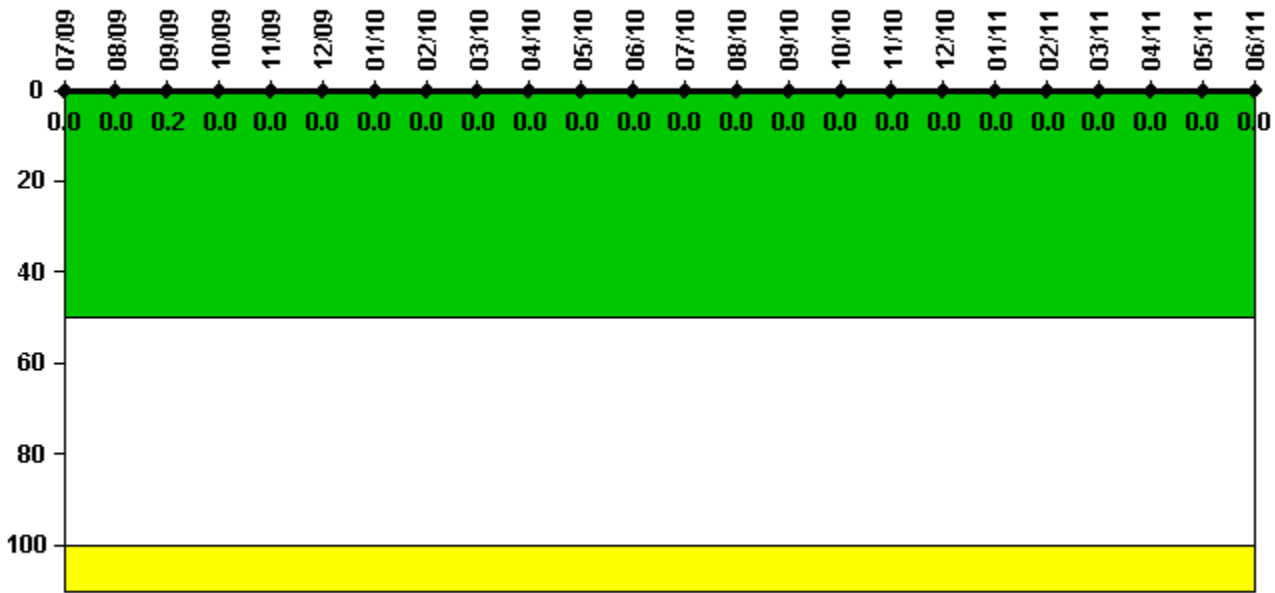
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.50E-08 | 1.70E-08 | 1.56E-08 | 1.49E-08 | 1.90E-08 | 2.68E-09 | 2.45E-09 | 2.60E-09 |
| URI (Δ CDF) | -3.90E-09 | -3.90E-09 | -3.87E-09 | -3.87E-09 | -7.00E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.11E-08 | 1.31E-08 | 1.20E-08 | 1.10E-08 | 1.20E-08 | 8.20E-10 | 6.00E-10 | 7.50E-10 |

Licensee Comments: none

Reactor Coolant System Activity



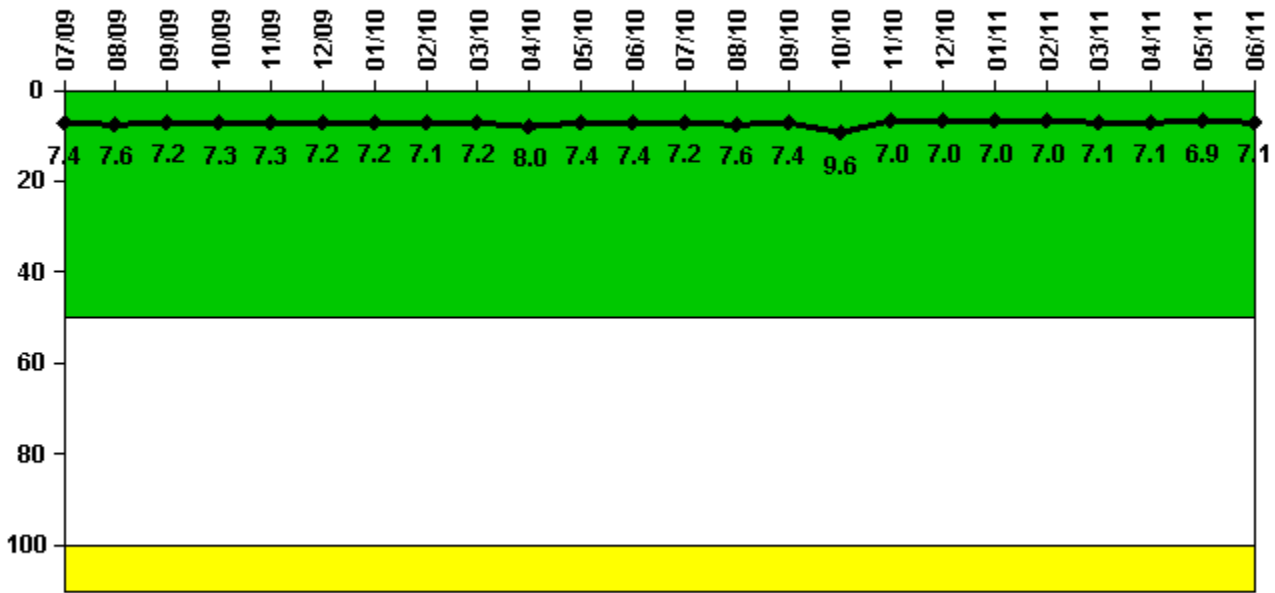
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000063 | 0.000066 | 0.000447 | 0.000072 | 0.000045 | 0.000055 | 0.000046 | 0.000061 | 0.000030 | 0.000028 | 0.000037 | 0.000051 |
| 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 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Reactor Coolant System Activity | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 |
| Maximum activity | 0.000038 | 0.000038 | 0.000046 | 0.000024 | 0.000021 | 0.000022 | 0.000022 | 0.000029 | 0.000061 | 0.000022 | 0.000023 | 0.000023 |
| 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

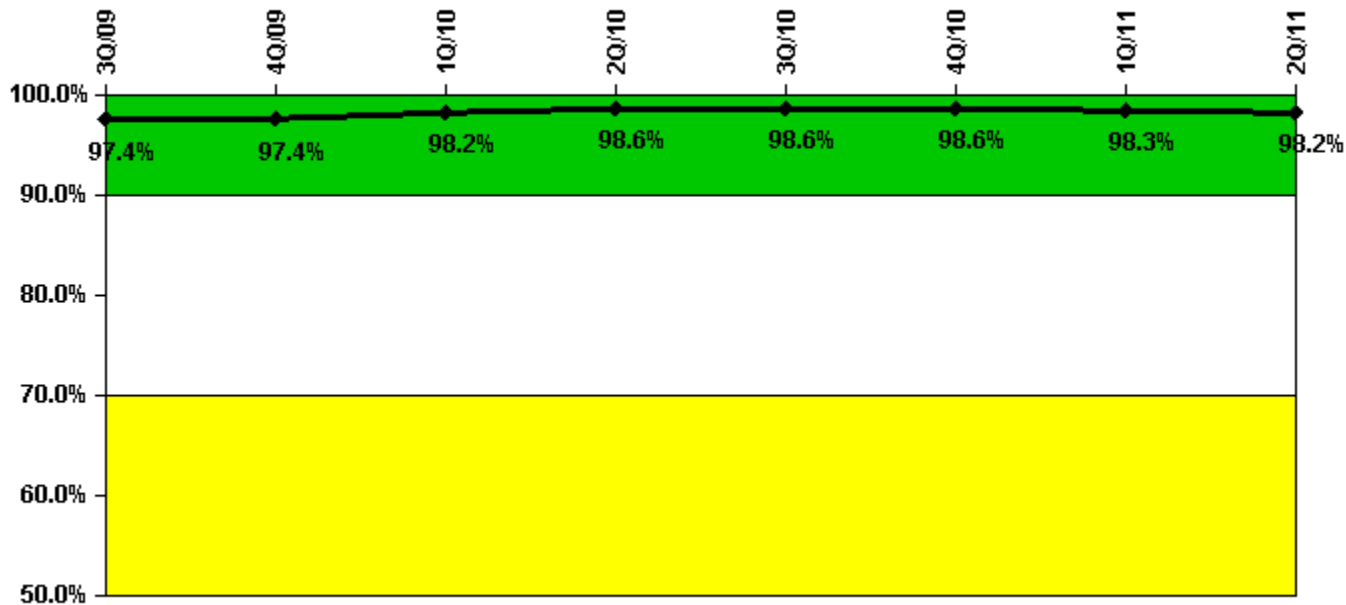
Notes

| Reactor Coolant System Leakage | 7/09 | 8/09 | 9/09 | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.850 | 1.910 | 1.810 | 1.820 | 1.820 | 1.790 | 1.810 | 1.780 | 1.790 | 2.000 | 1.840 | 1.840 |
| 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 | 7.4 | 7.6 | 7.2 | 7.3 | 7.3 | 7.2 | 7.2 | 7.1 | 7.2 | 8.0 | 7.4 | 7.4 |

| Reactor Coolant System Leakage | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.810 | 1.890 | 1.850 | 2.400 | 1.750 | 1.740 | 1.740 | 1.740 | 1.780 | 1.780 | 1.720 | 1.780 |
| 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 | 7.2 | 7.6 | 7.4 | 9.6 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 6.9 | 7.1 |

Licensee Comments: none

Drill/Exercise Performance



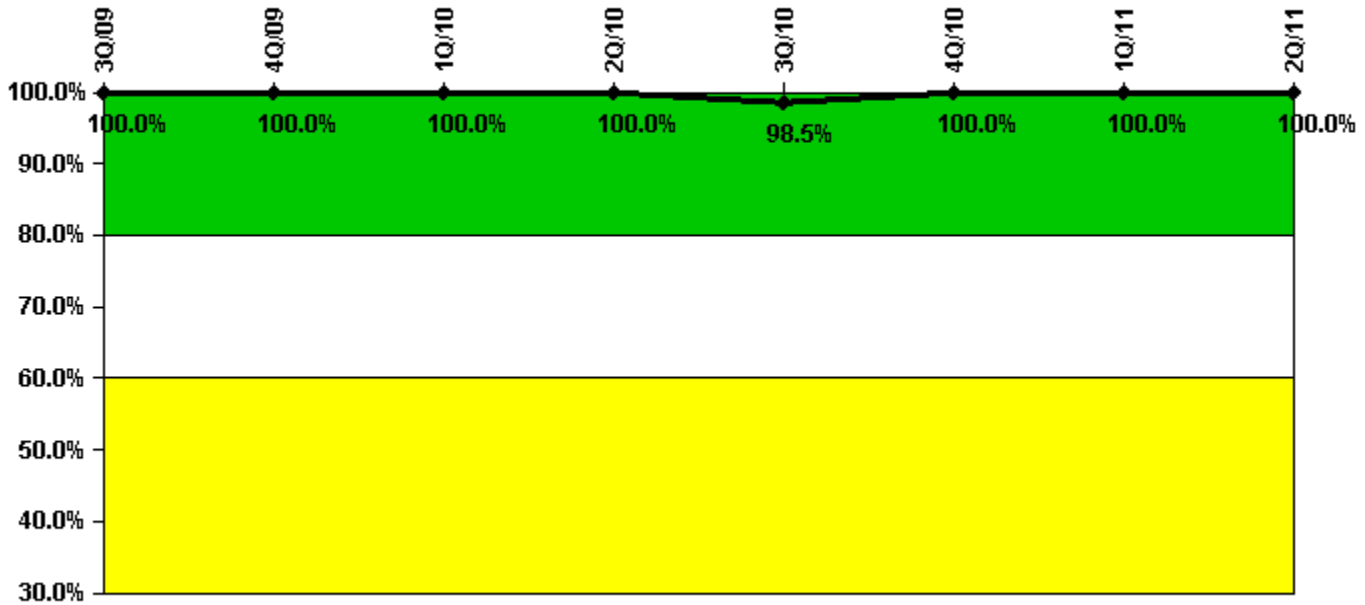
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 47.0 | 14.0 | 73.0 | 57.0 | 20.0 | 28.0 | 70.0 | 26.0 |
| Total opportunities | 48.0 | 14.0 | 74.0 | 57.0 | 20.0 | 28.0 | 73.0 | 27.0 |
| | | | | | | | | |
| Indicator value | 97.4% | 97.4% | 98.2% | 98.6% | 98.6% | 98.6% | 98.3% | 98.2% |

Licensee Comments: none

ERO Drill Participation



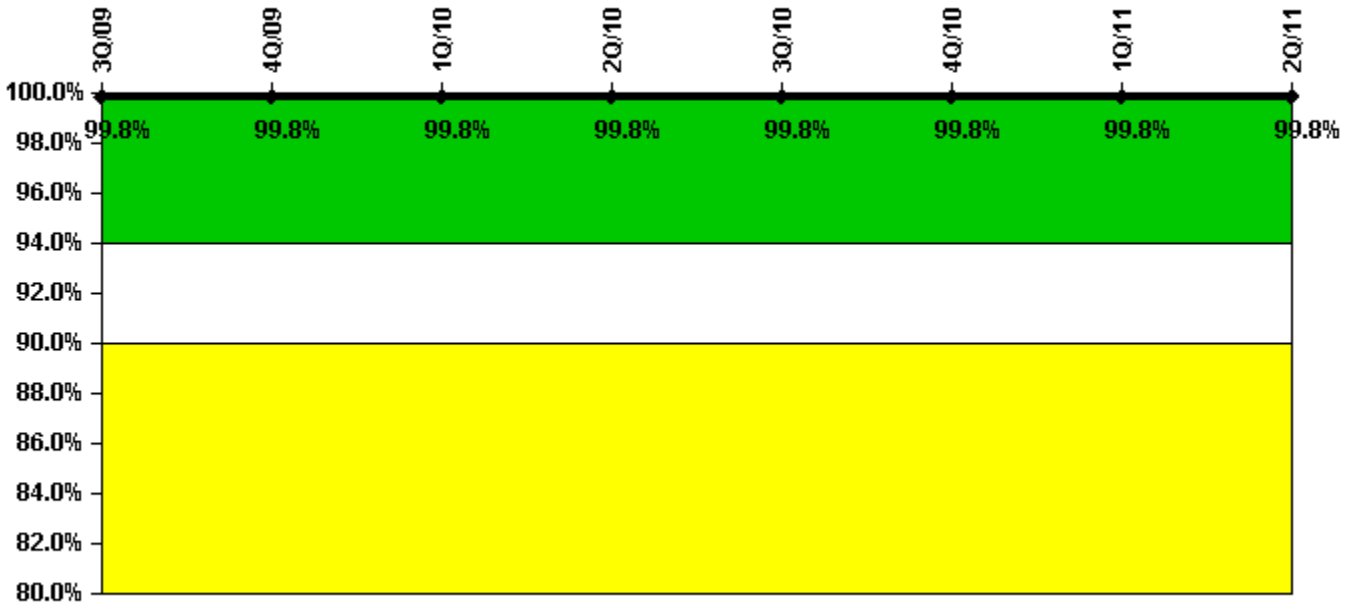
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|-----------------------------|---------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|
| Participating Key personnel | 69.0 | 67.0 | 68.0 | 68.0 | 65.0 | 67.0 | 66.0 | 67.0 |
| Total Key personnel | 69.0 | 67.0 | 68.0 | 68.0 | 66.0 | 67.0 | 66.0 | 67.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 98.5% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



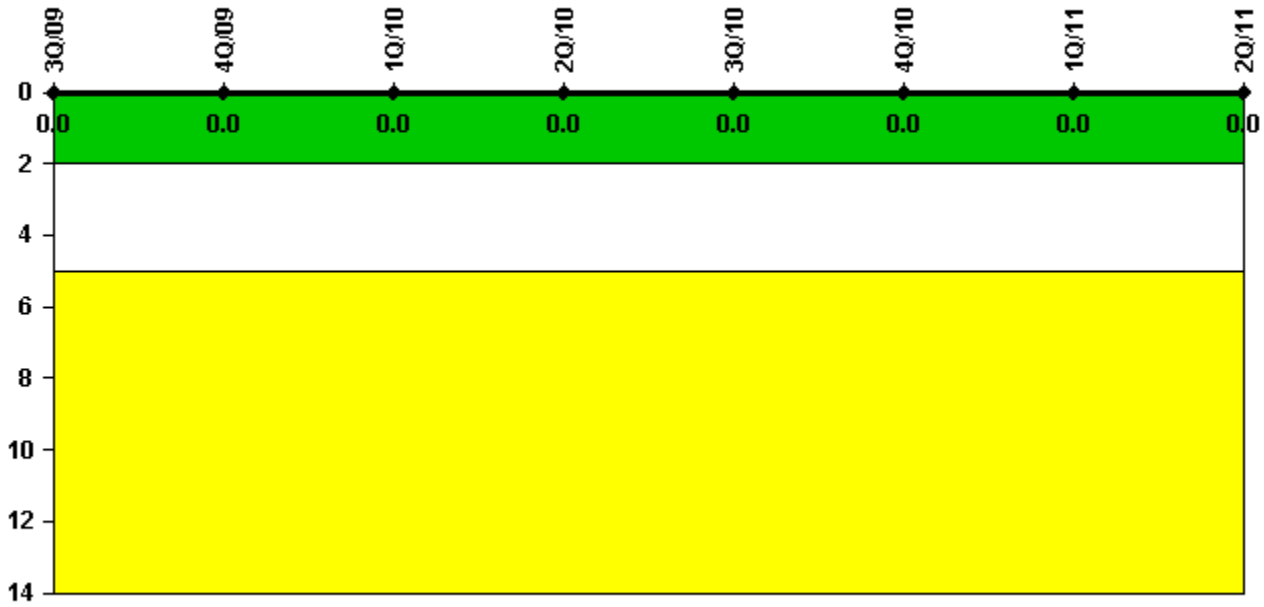
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1355 | 1259 | 1259 | 1260 | 1255 | 1259 | 1260 | 1259 |
| Total sirens-tests | 1358 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



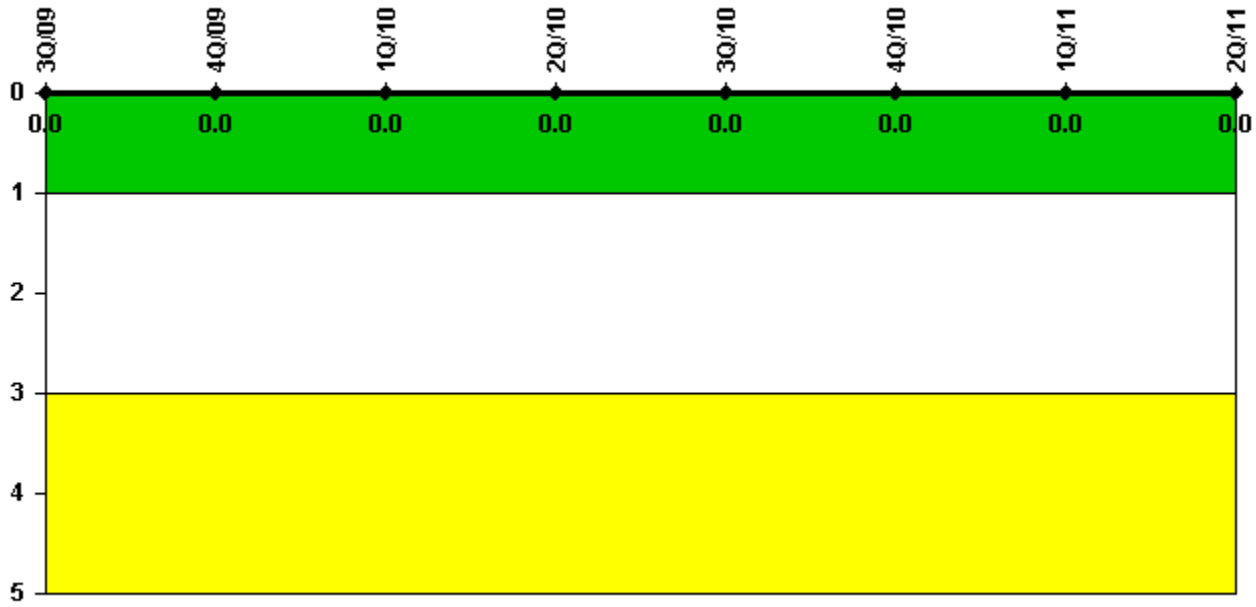
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 3Q/09 | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.

Peach Bottom 2

3Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



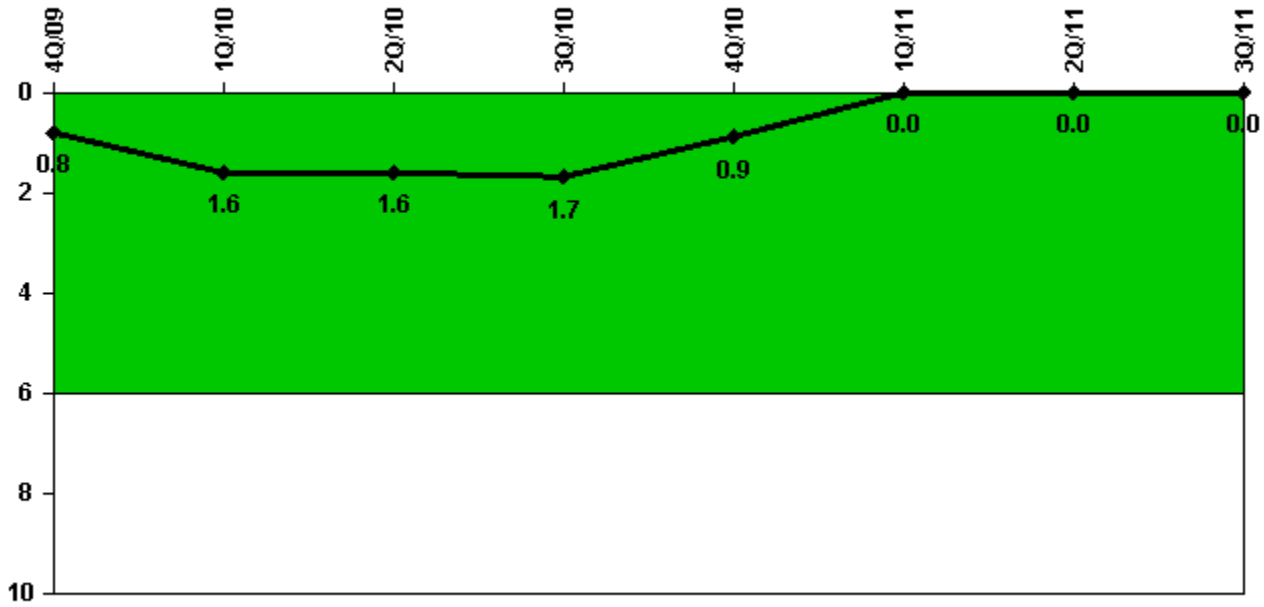
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2159.0 | 2184.0 | 1774.2 | 2064.2 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



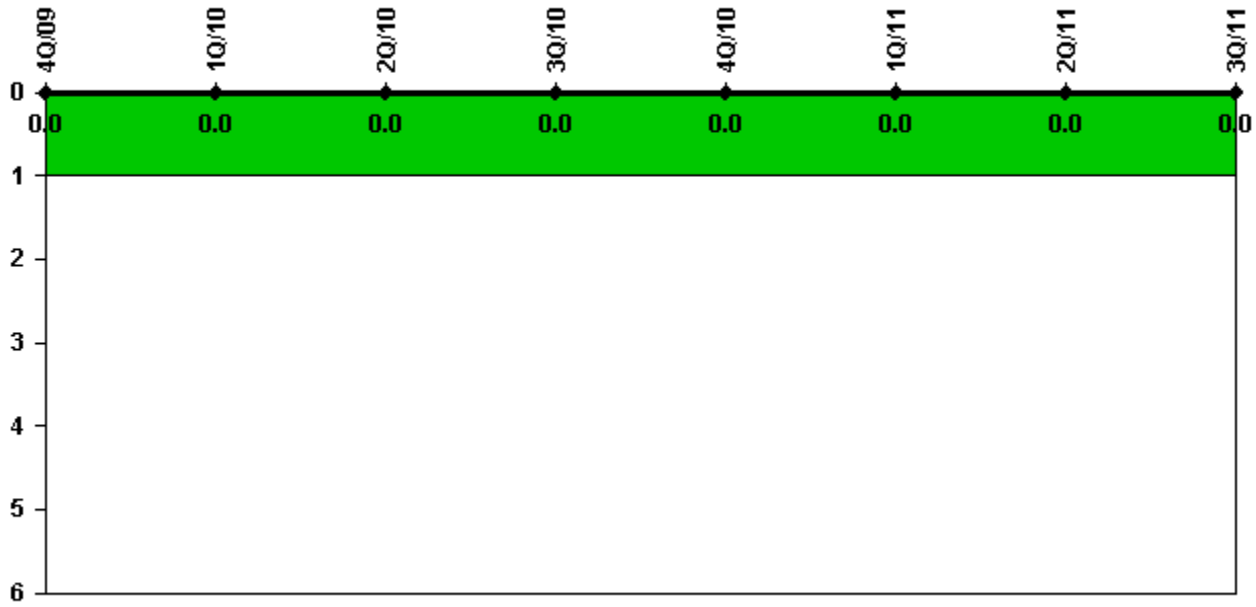
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|---|------------|------------|------------|------------|------------|----------|----------|----------|
| Unplanned power changes | 1.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2159.0 | 2184.0 | 1774.2 | 2064.2 | 2159.0 | 2184.0 | 2208.0 |
| | | | | | | | | |
| Indicator value | 0.8 | 1.6 | 1.6 | 1.7 | 0.9 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



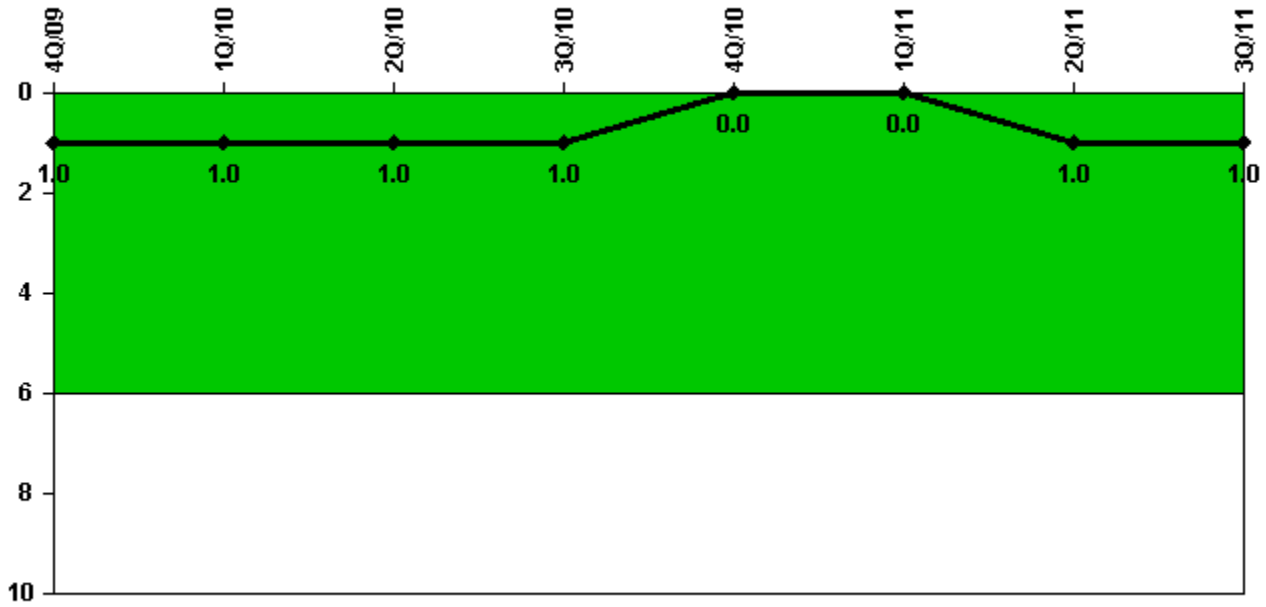
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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)



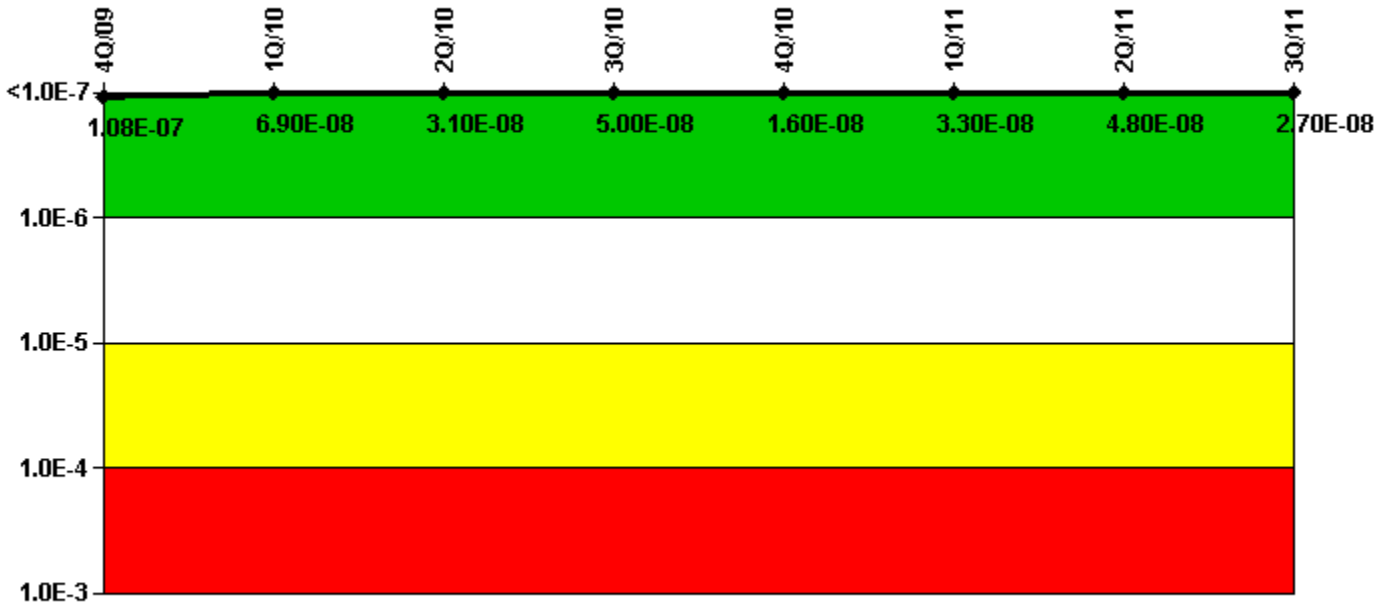
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Indicator value | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



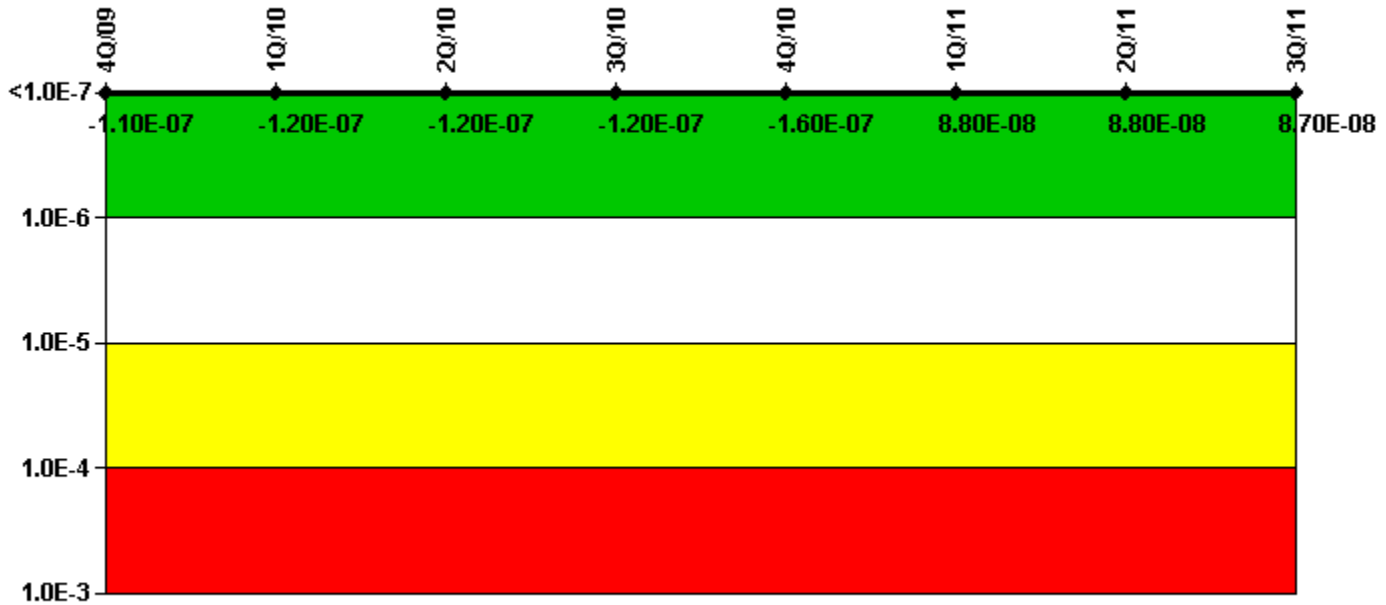
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|---|----------|----------|-----------|-----------|-----------|----------|----------|-----------|
| UAI (Δ CDF) | 7.80E-08 | 3.02E-08 | -3.47E-09 | -6.45E-09 | -1.72E-08 | 3.57E-09 | 1.87E-08 | -1.01E-08 |
| URI (Δ CDF) | 3.00E-08 | 3.88E-08 | 3.42E-08 | 5.60E-08 | 3.36E-08 | 2.92E-08 | 2.96E-08 | 3.76E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.08E-07 | 6.90E-08 | 3.10E-08 | 5.00E-08 | 1.60E-08 | 3.30E-08 | 4.80E-08 | 2.70E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



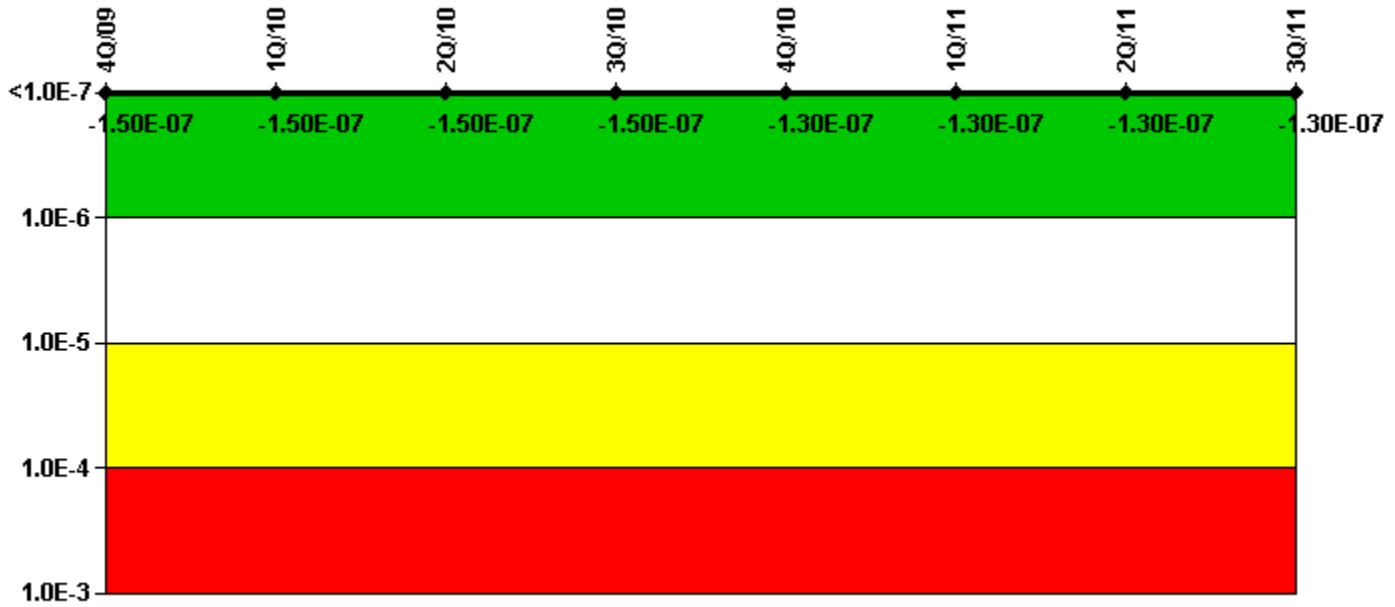
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.93E-08 | -3.02E-08 | -3.02E-08 | -3.00E-08 | -3.91E-08 | -2.80E-08 | -2.80E-08 | -2.84E-08 |
| URI (Δ CDF) | -8.54E-08 | -8.54E-08 | -8.54E-08 | -8.54E-08 | -1.25E-07 | 1.16E-07 | 1.16E-07 | 1.16E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.10E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.60E-07 | 8.80E-08 | 8.80E-08 | 8.70E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



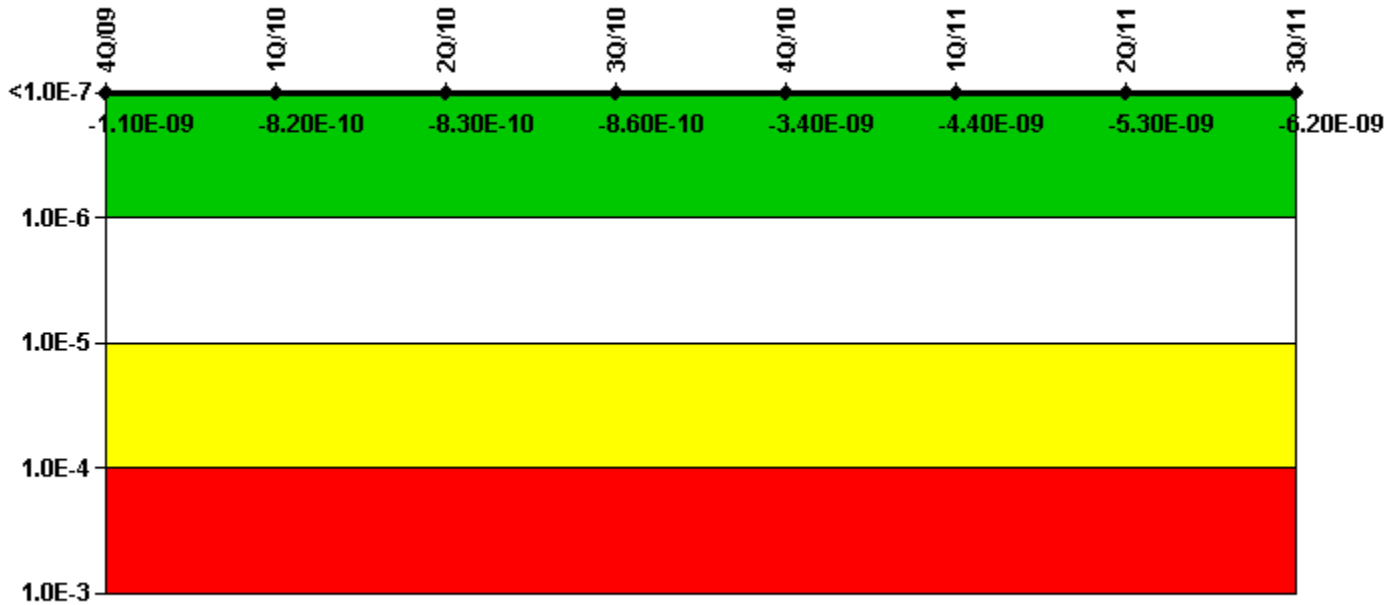
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -4.30E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -1.04E-07 | -1.04E-07 | -1.04E-07 | -1.04E-07 | -9.60E-08 | -9.63E-08 | -9.65E-08 | -9.68E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



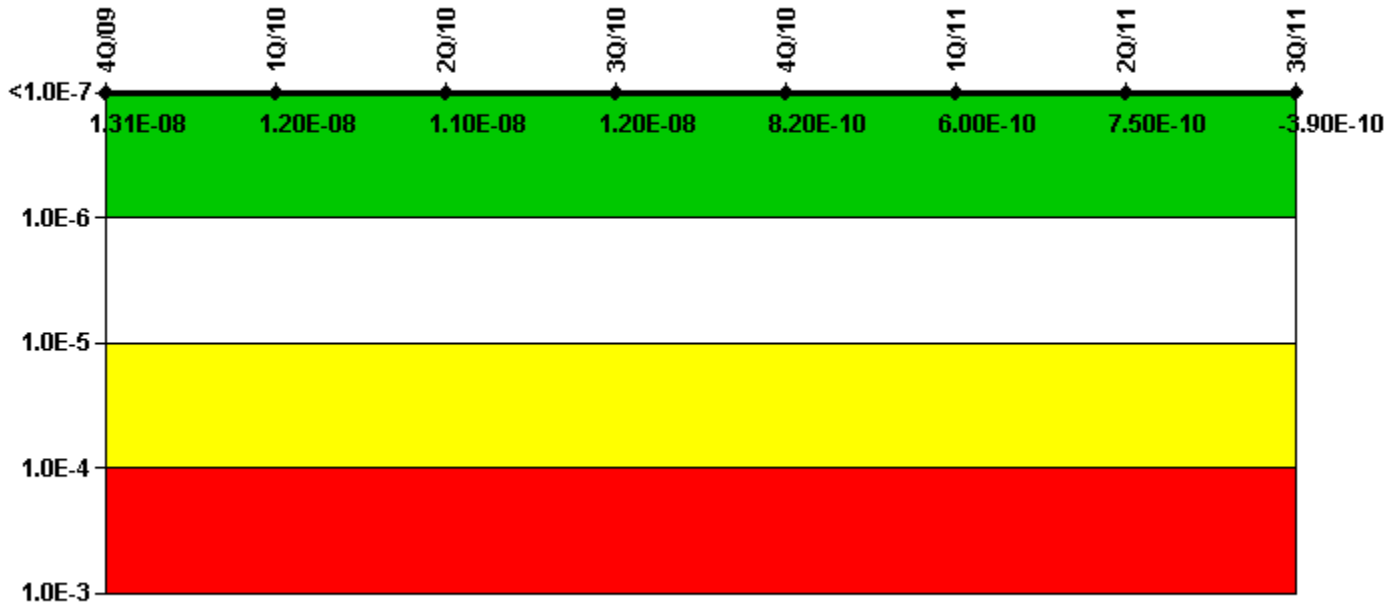
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.50E-10 | 1.30E-10 | 1.19E-10 | 9.37E-11 | -2.19E-10 | -2.17E-10 | -2.17E-10 | -3.09E-10 |
| URI (Δ CDF) | -9.50E-10 | -9.52E-10 | -9.52E-10 | -9.52E-10 | -3.21E-09 | -4.19E-09 | -5.09E-09 | -5.94E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.10E-09 | -8.20E-10 | -8.30E-10 | -8.60E-10 | -3.40E-09 | -4.40E-09 | -5.30E-09 | -6.20E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



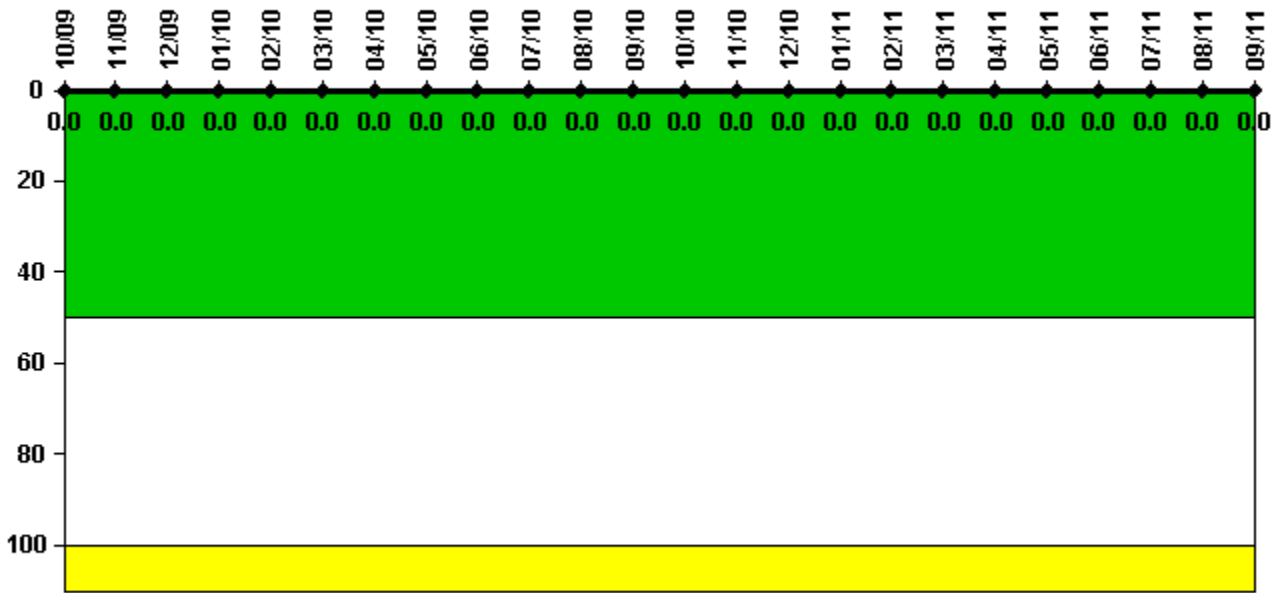
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.70E-08 | 1.56E-08 | 1.49E-08 | 1.90E-08 | 2.68E-09 | 2.45E-09 | 2.60E-09 | 1.46E-09 |
| URI (Δ CDF) | -3.90E-09 | -3.87E-09 | -3.87E-09 | -7.00E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.31E-08 | 1.20E-08 | 1.10E-08 | 1.20E-08 | 8.20E-10 | 6.00E-10 | 7.50E-10 | -3.90E-10 |

Licensee Comments: none

Reactor Coolant System Activity



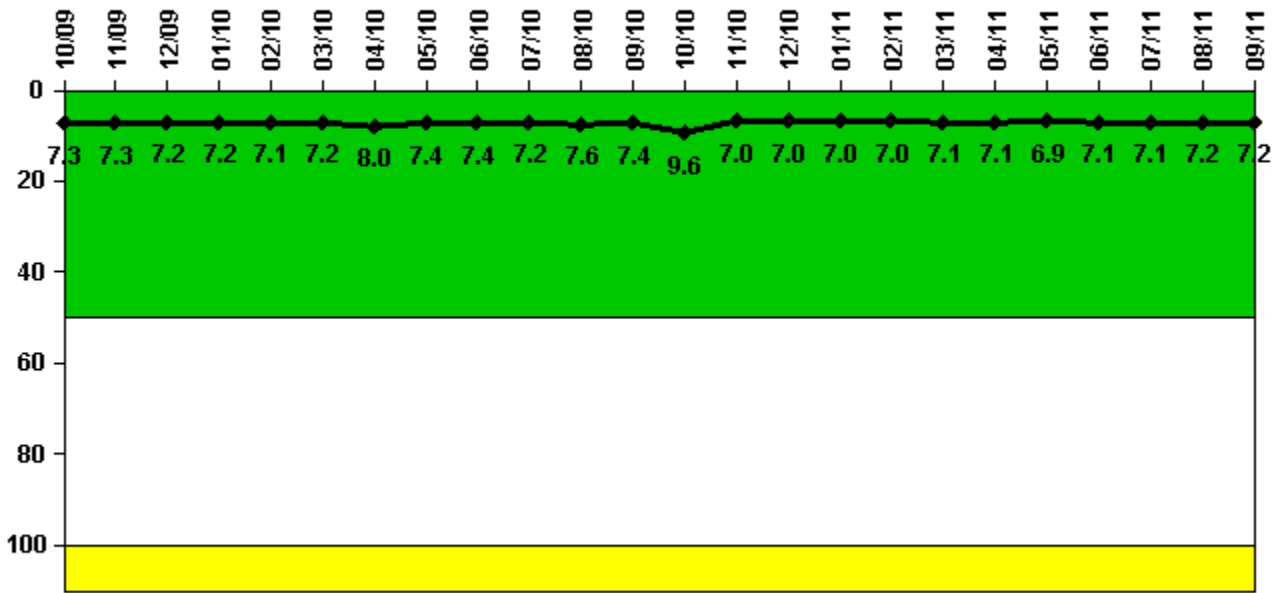
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000072 | 0.000045 | 0.000055 | 0.000046 | 0.000061 | 0.000030 | 0.000028 | 0.000037 | 0.000051 | 0.000038 | 0.000038 | 0.000046 |
| 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 | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 |
| Maximum activity | 0.000024 | 0.000021 | 0.000022 | 0.000022 | 0.000029 | 0.000061 | 0.000022 | 0.000023 | 0.000023 | 0.000025 | 0.000024 | 0.000022 |
| 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



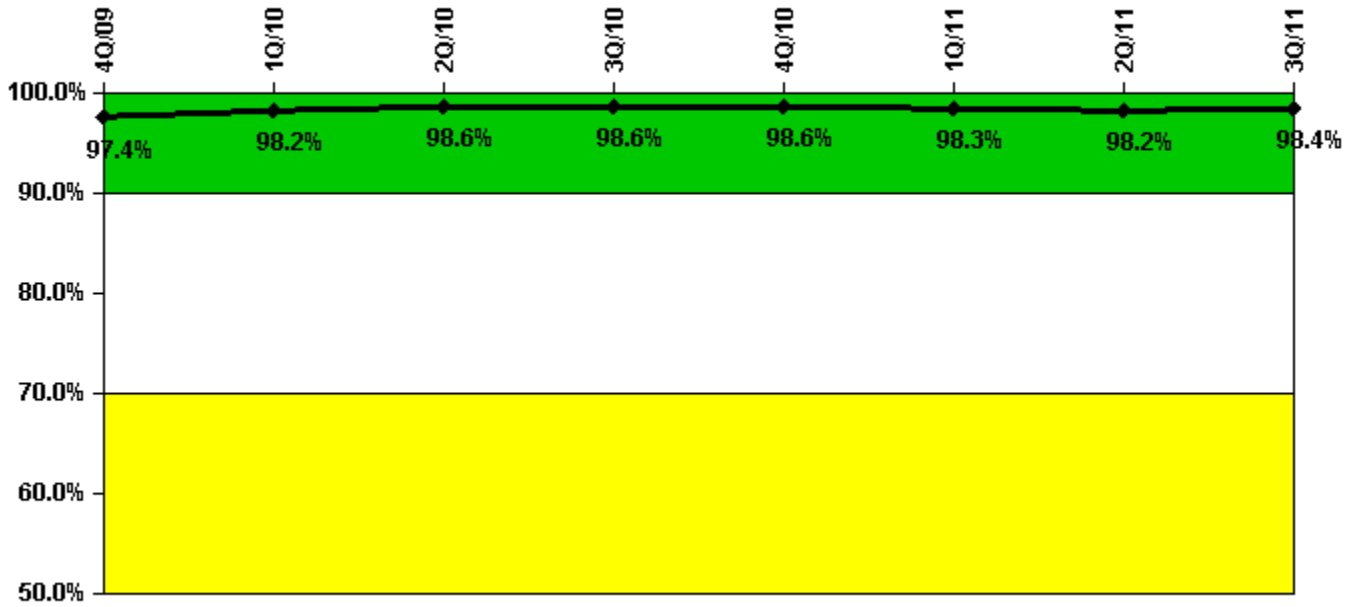
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 10/09 | 11/09 | 12/09 | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.820 | 1.820 | 1.790 | 1.810 | 1.780 | 1.790 | 2.000 | 1.840 | 1.840 | 1.810 | 1.890 | 1.850 |
| 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 | 7.3 | 7.3 | 7.2 | 7.2 | 7.1 | 7.2 | 8.0 | 7.4 | 7.4 | 7.2 | 7.6 | 7.4 |
| Reactor Coolant System Leakage | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 |
| Maximum leakage | 2.400 | 1.750 | 1.740 | 1.740 | 1.740 | 1.780 | 1.780 | 1.720 | 1.780 | 1.780 | 1.790 | 1.790 |
| 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 | 9.6 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 6.9 | 7.1 | 7.1 | 7.2 | 7.2 |

Licensee Comments: none

Drill/Exercise Performance



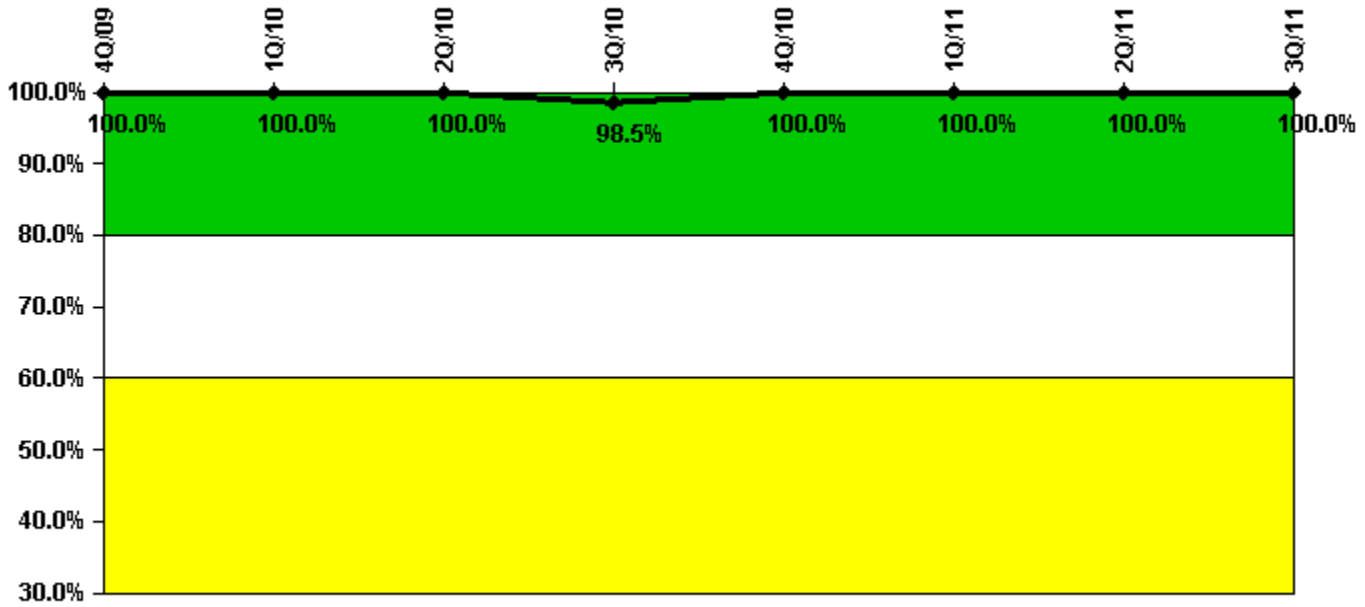
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 14.0 | 73.0 | 57.0 | 20.0 | 28.0 | 70.0 | 26.0 | 19.0 |
| Total opportunities | 14.0 | 74.0 | 57.0 | 20.0 | 28.0 | 73.0 | 27.0 | 19.0 |
| | | | | | | | | |
| Indicator value | 97.4% | 98.2% | 98.6% | 98.6% | 98.6% | 98.3% | 98.2% | 98.4% |

Licensee Comments: none

ERO Drill Participation



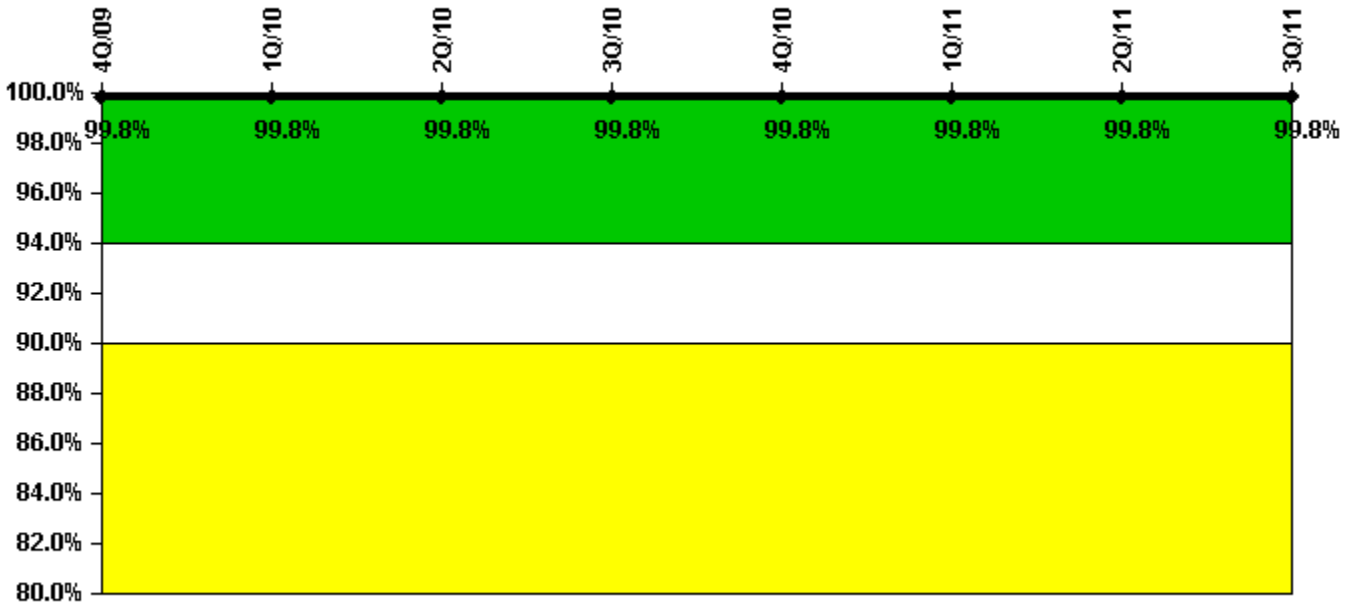
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|-----------------------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 67.0 | 68.0 | 68.0 | 65.0 | 67.0 | 66.0 | 67.0 | 61.0 |
| Total Key personnel | 67.0 | 68.0 | 68.0 | 66.0 | 67.0 | 66.0 | 67.0 | 61.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 100.0% | 98.5% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



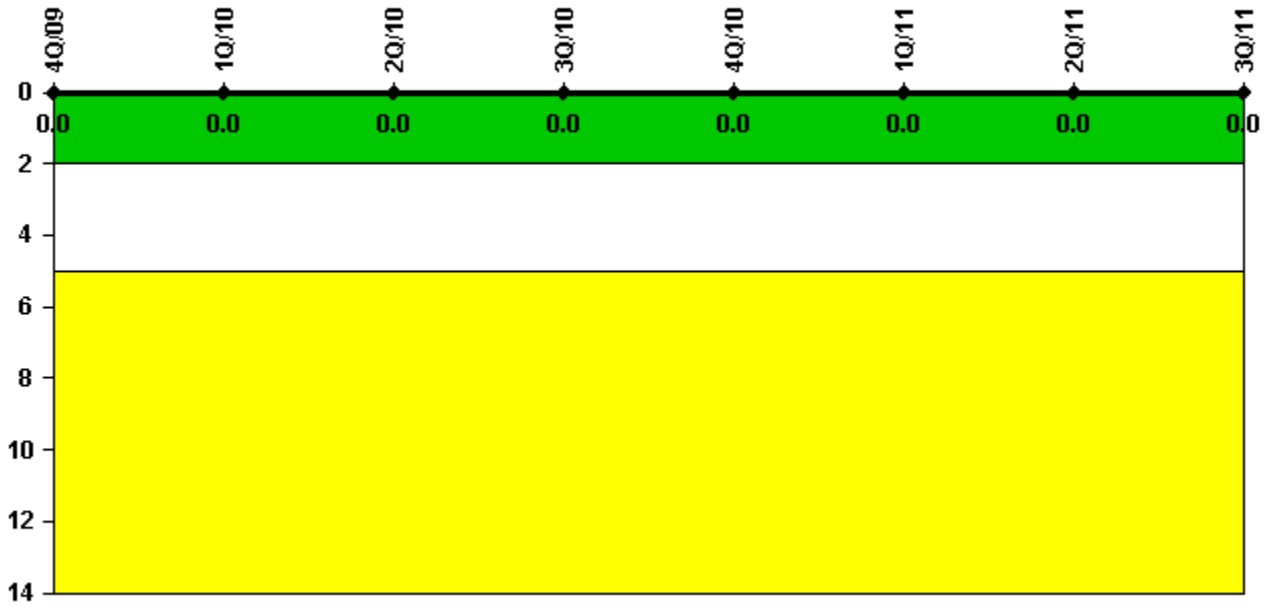
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1259 | 1259 | 1260 | 1255 | 1259 | 1260 | 1259 | 1254 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



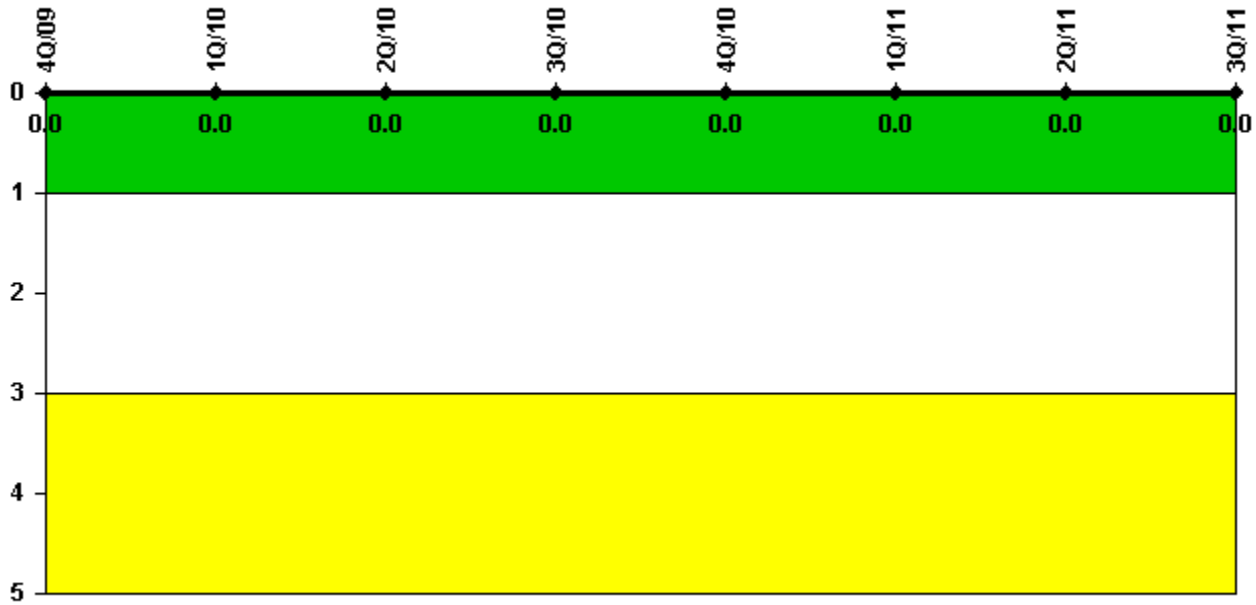
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/09 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.

Peach Bottom 2

4Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



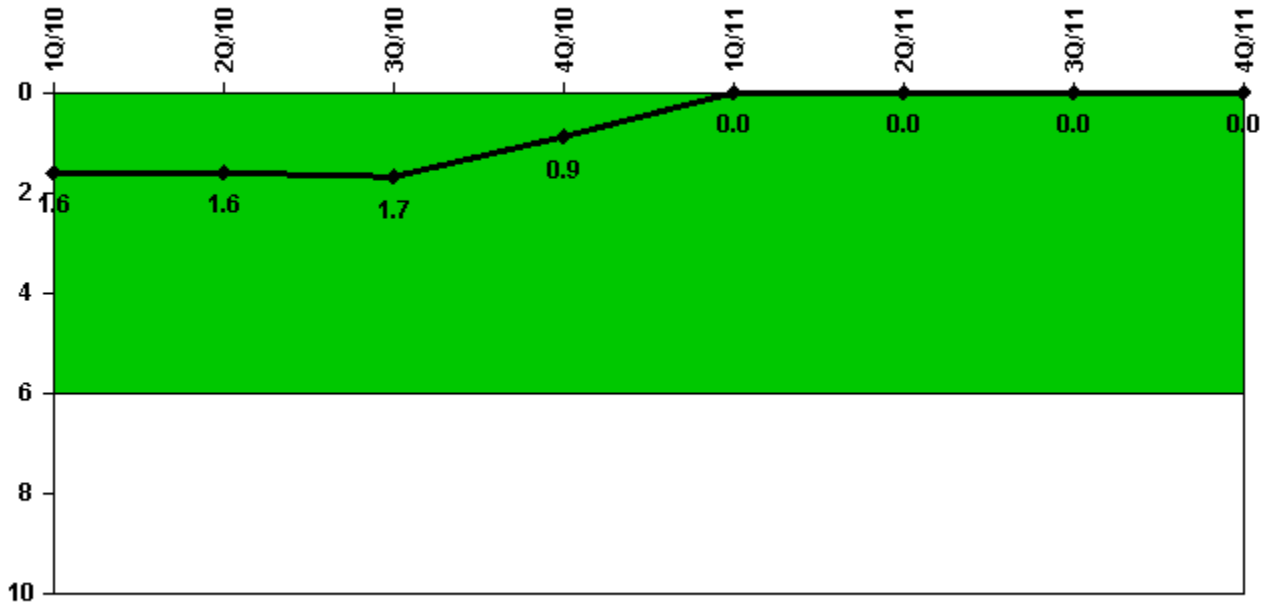
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 1774.2 | 2064.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



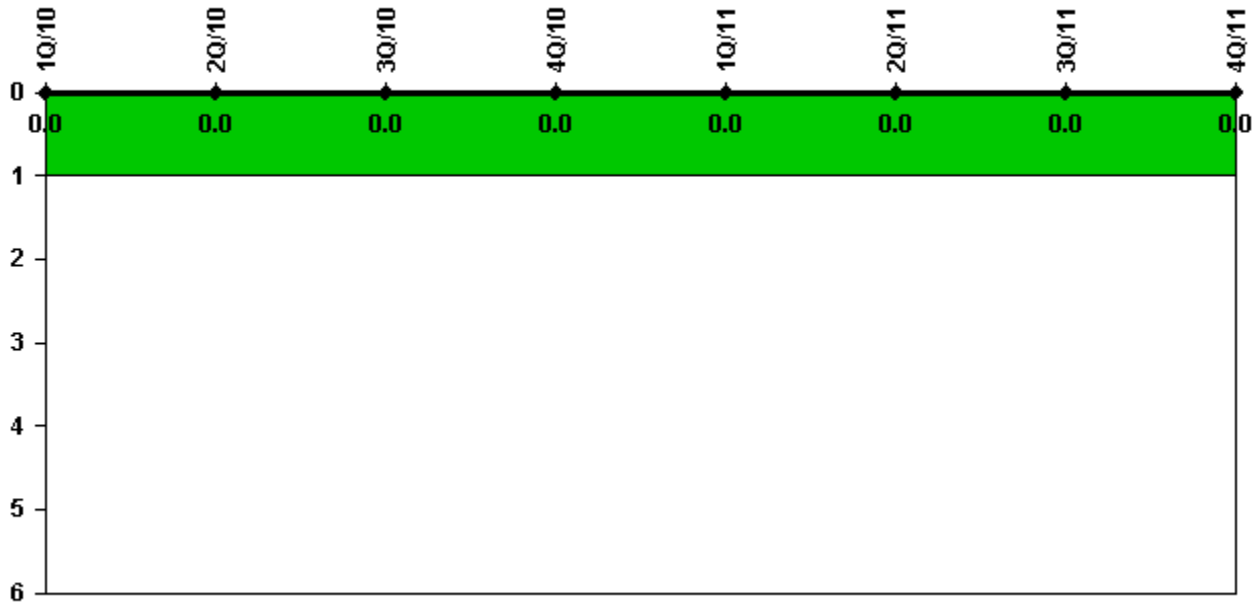
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|---|------------|------------|------------|------------|----------|----------|----------|----------|
| Unplanned power changes | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 1774.2 | 2064.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value | 1.6 | 1.6 | 1.7 | 0.9 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



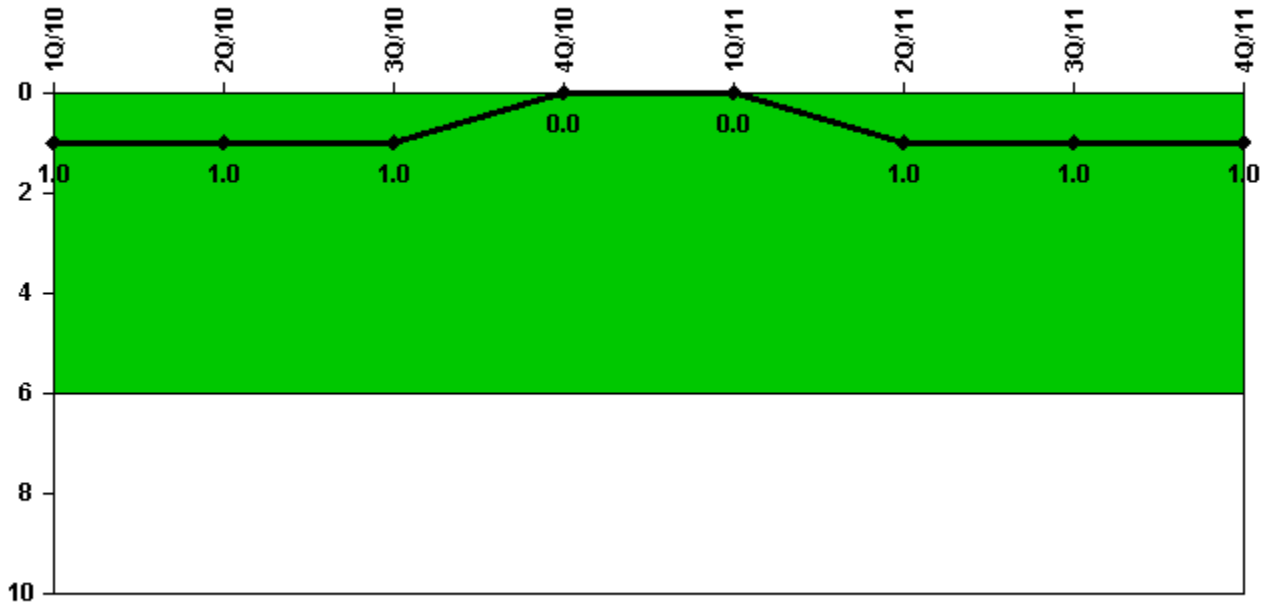
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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)



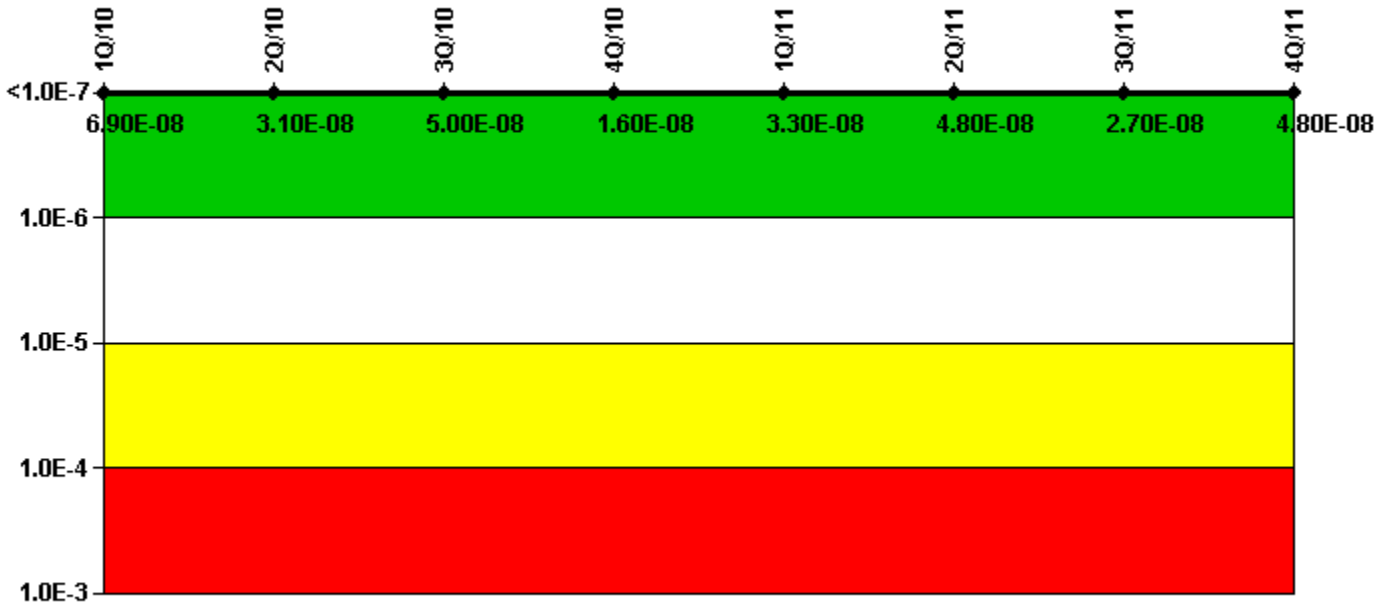
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Indicator value | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



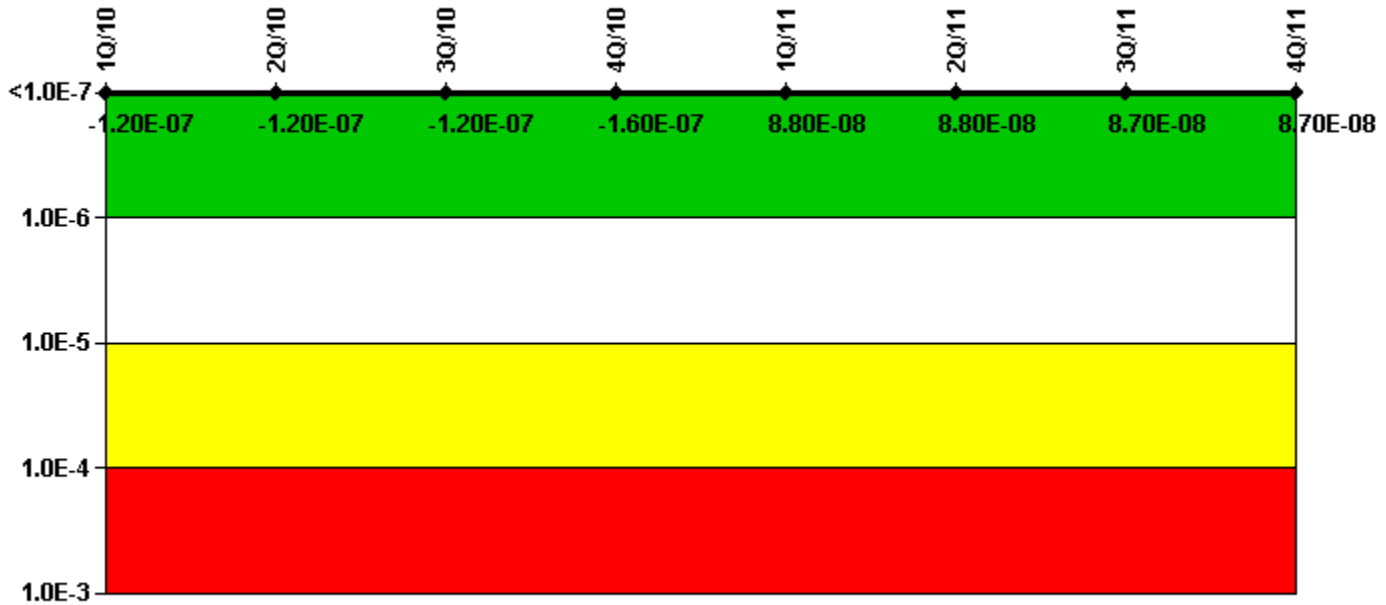
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|---|----------|-----------|-----------|-----------|----------|----------|-----------|----------|
| UAI (Δ CDF) | 3.02E-08 | -3.47E-09 | -6.45E-09 | -1.72E-08 | 3.57E-09 | 1.87E-08 | -1.01E-08 | 1.18E-08 |
| URI (Δ CDF) | 3.88E-08 | 3.42E-08 | 5.60E-08 | 3.36E-08 | 2.92E-08 | 2.96E-08 | 3.76E-08 | 3.59E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 6.90E-08 | 3.10E-08 | 5.00E-08 | 1.60E-08 | 3.30E-08 | 4.80E-08 | 2.70E-08 | 4.80E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



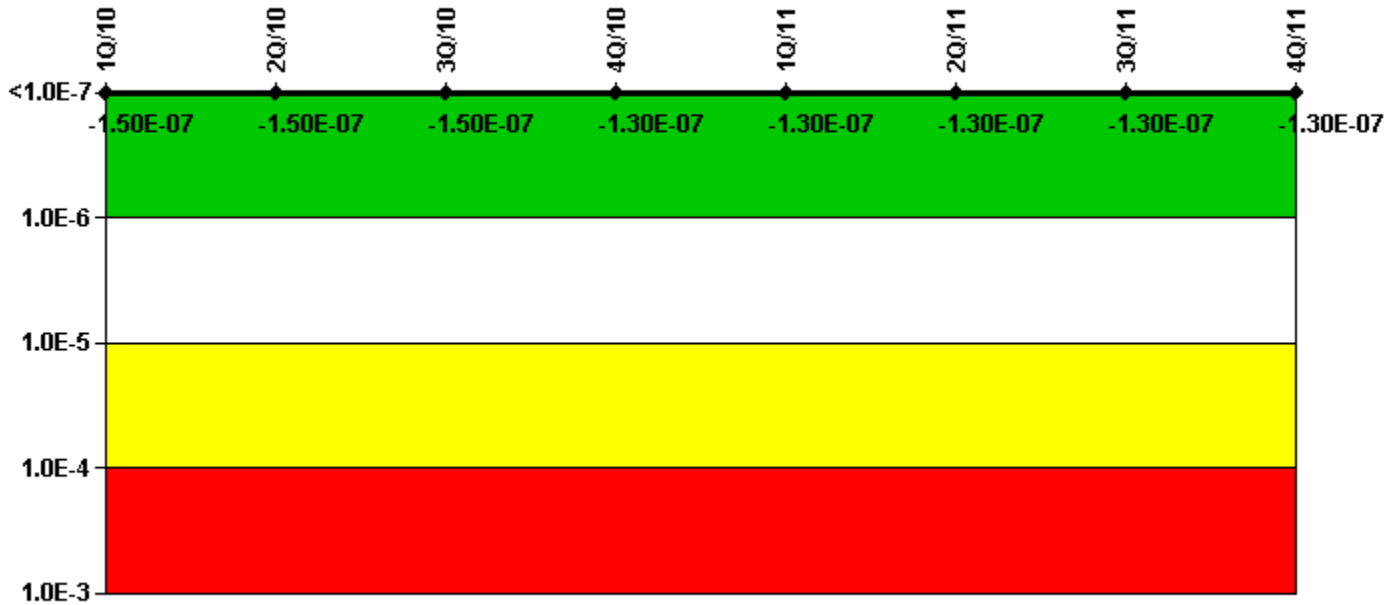
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.02E-08 | -3.02E-08 | -3.00E-08 | -3.91E-08 | -2.80E-08 | -2.80E-08 | -2.84E-08 | -2.88E-08 |
| URI (Δ CDF) | -8.54E-08 | -8.54E-08 | -8.54E-08 | -1.25E-07 | 1.16E-07 | 1.16E-07 | 1.16E-07 | 1.16E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.60E-07 | 8.80E-08 | 8.80E-08 | 8.70E-08 | 8.70E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



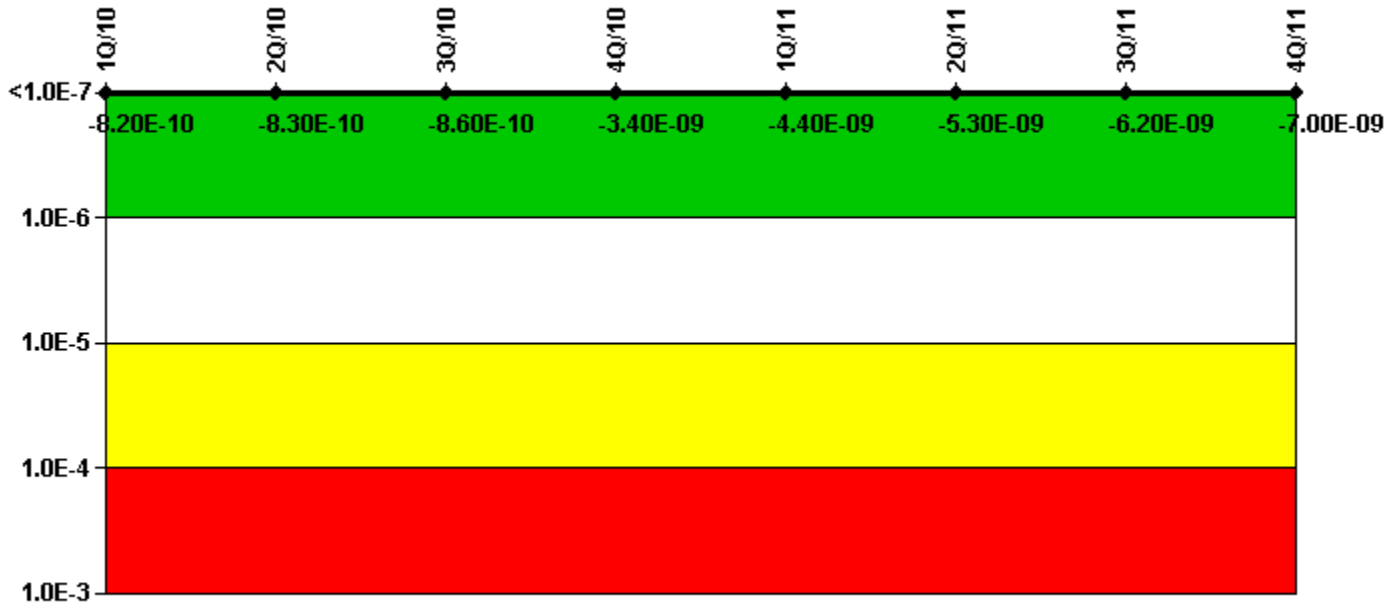
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -4.30E-08 | -4.30E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -1.04E-07 | -1.04E-07 | -1.04E-07 | -9.60E-08 | -9.63E-08 | -9.65E-08 | -9.68E-08 | -9.70E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.50E-07 | -1.50E-07 | -1.50E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



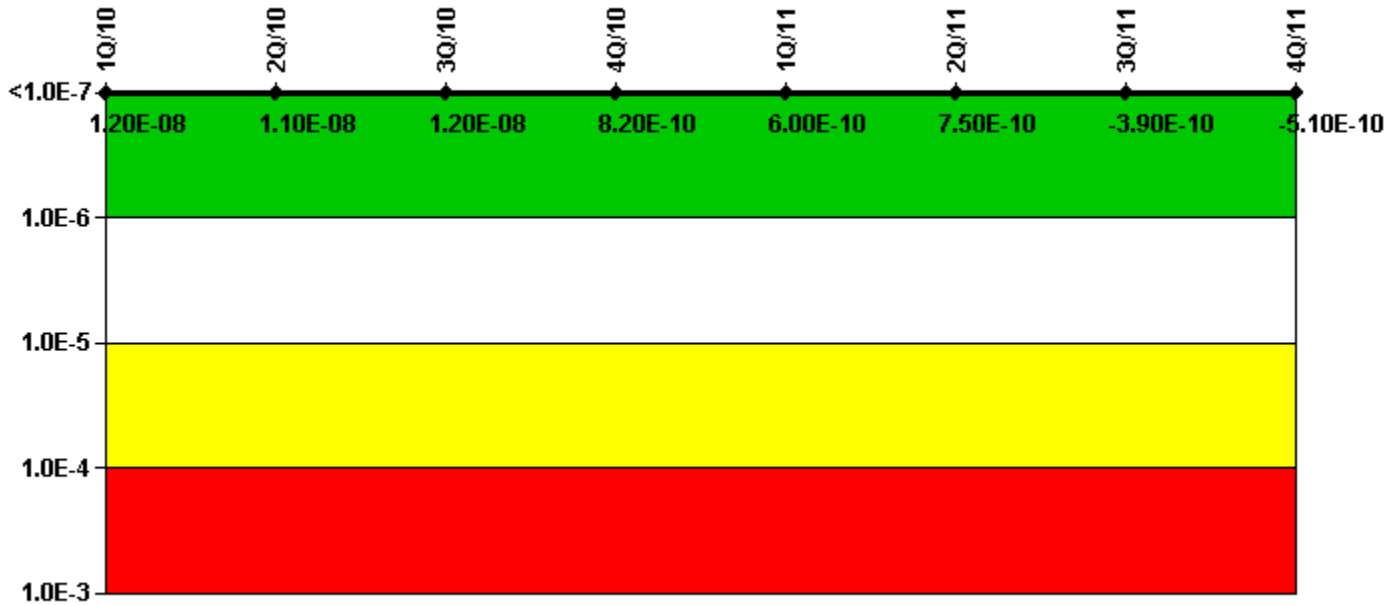
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.30E-10 | 1.19E-10 | 9.37E-11 | -2.19E-10 | -2.17E-10 | -2.17E-10 | -3.09E-10 | -3.04E-10 |
| URI (Δ CDF) | -9.52E-10 | -9.52E-10 | -9.52E-10 | -3.21E-09 | -4.19E-09 | -5.09E-09 | -5.94E-09 | -6.72E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.20E-10 | -8.30E-10 | -8.60E-10 | -3.40E-09 | -4.40E-09 | -5.30E-09 | -6.20E-09 | -7.00E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



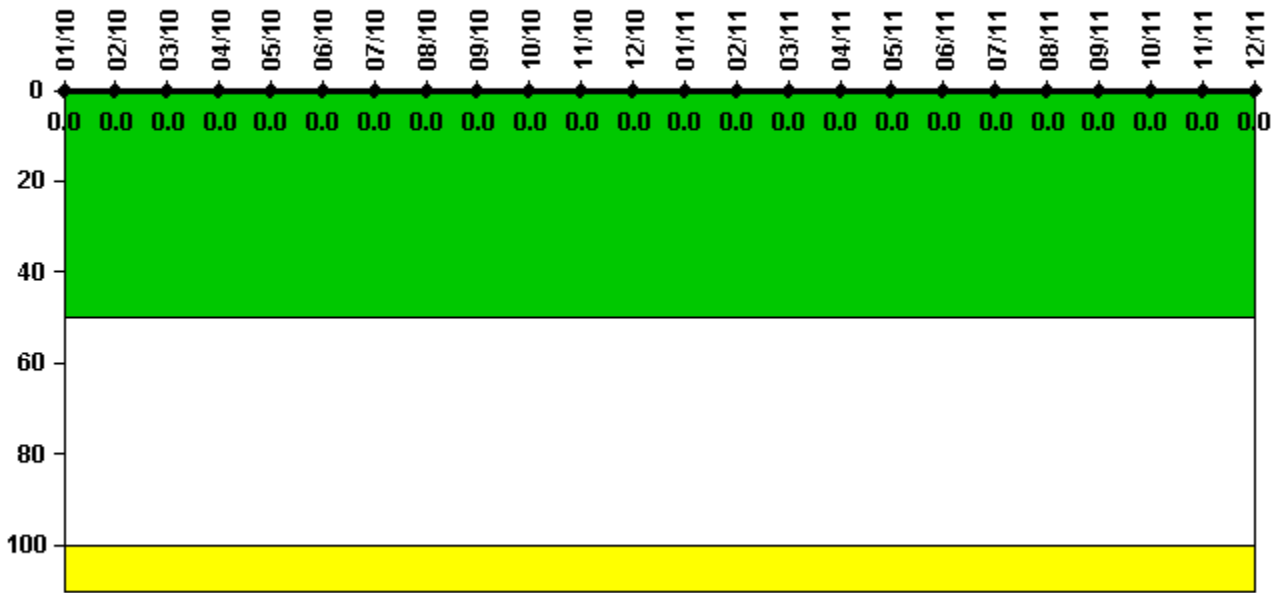
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.56E-08 | 1.49E-08 | 1.90E-08 | 2.68E-09 | 2.45E-09 | 2.60E-09 | 1.46E-09 | 1.34E-09 |
| URI (Δ CDF) | -3.87E-09 | -3.87E-09 | -7.00E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.20E-08 | 1.10E-08 | 1.20E-08 | 8.20E-10 | 6.00E-10 | 7.50E-10 | -3.90E-10 | -5.10E-10 |

Licensee Comments: none

Reactor Coolant System Activity



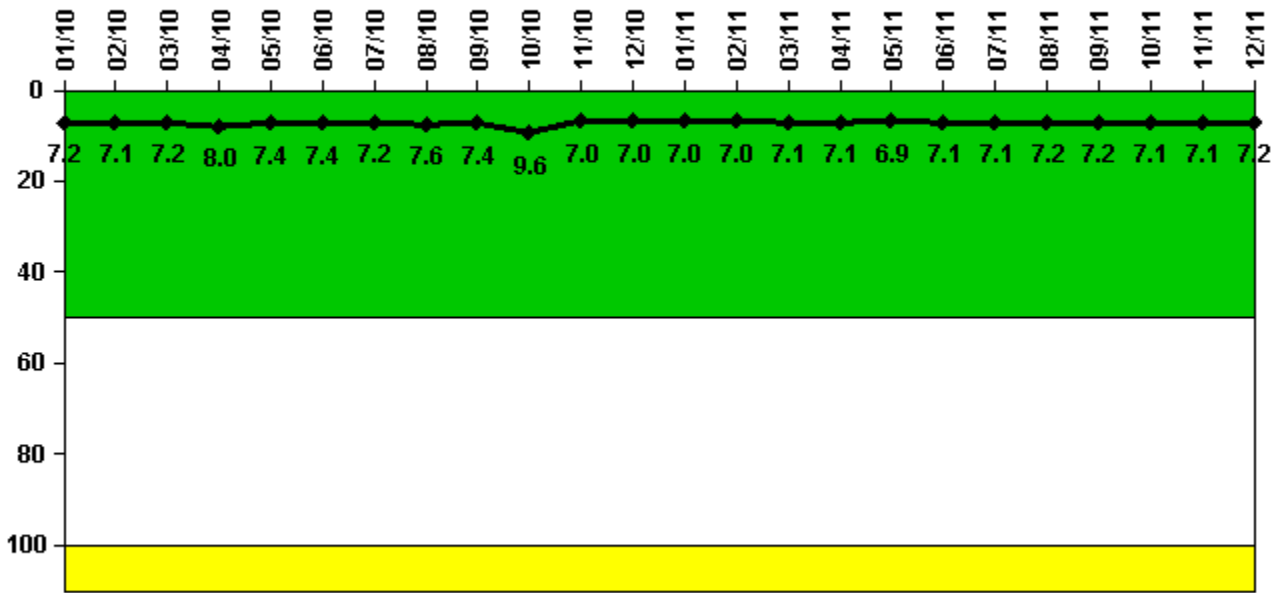
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000046 | 0.000061 | 0.000030 | 0.000028 | 0.000037 | 0.000051 | 0.000038 | 0.000038 | 0.000046 | 0.000024 | 0.000021 | 0.000022 |
| 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 | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 |
| Maximum activity | 0.000022 | 0.000029 | 0.000061 | 0.000022 | 0.000023 | 0.000023 | 0.000025 | 0.000024 | 0.000022 | 0.000027 | 0.000023 | 0.000022 |
| 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

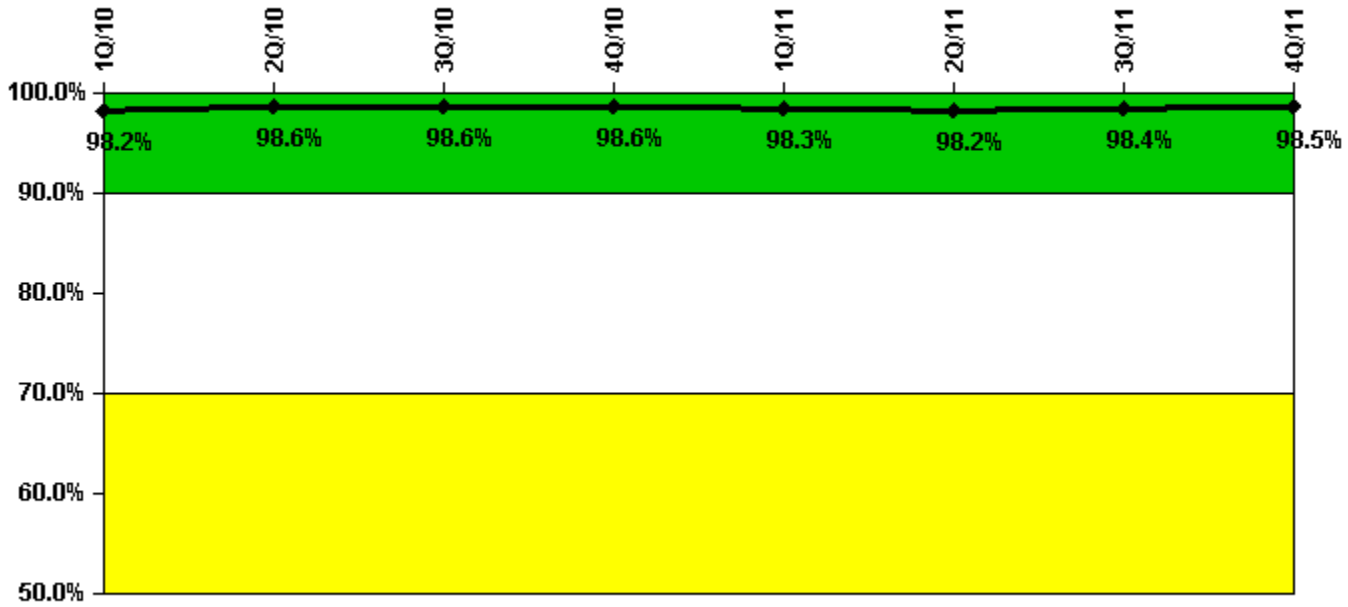
Notes

| Reactor Coolant System Leakage | 1/10 | 2/10 | 3/10 | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.810 | 1.780 | 1.790 | 2.000 | 1.840 | 1.840 | 1.810 | 1.890 | 1.850 | 2.400 | 1.750 | 1.740 |
| 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 | 7.2 | 7.1 | 7.2 | 8.0 | 7.4 | 7.4 | 7.2 | 7.6 | 7.4 | 9.6 | 7.0 | 7.0 |

| Reactor Coolant System Leakage | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.740 | 1.740 | 1.780 | 1.780 | 1.720 | 1.780 | 1.780 | 1.790 | 1.790 | 1.780 | 1.780 | 1.790 |
| 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 | 7.0 | 7.0 | 7.1 | 7.1 | 6.9 | 7.1 | 7.1 | 7.2 | 7.2 | 7.1 | 7.1 | 7.2 |

Licensee Comments: none

Drill/Exercise Performance



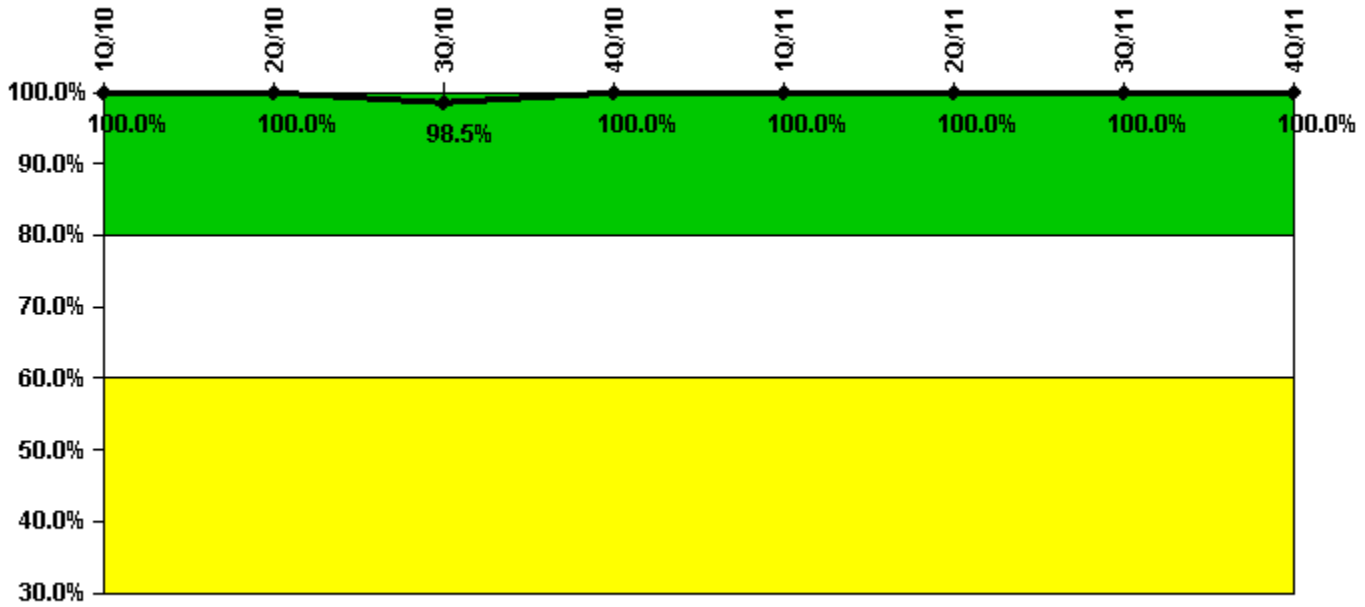
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 73.0 | 57.0 | 20.0 | 28.0 | 70.0 | 26.0 | 19.0 | 36.0 |
| Total opportunities | 74.0 | 57.0 | 20.0 | 28.0 | 73.0 | 27.0 | 19.0 | 36.0 |
| | | | | | | | | |
| Indicator value | 98.2% | 98.6% | 98.6% | 98.6% | 98.3% | 98.2% | 98.4% | 98.5% |

Licensee Comments: none

ERO Drill Participation



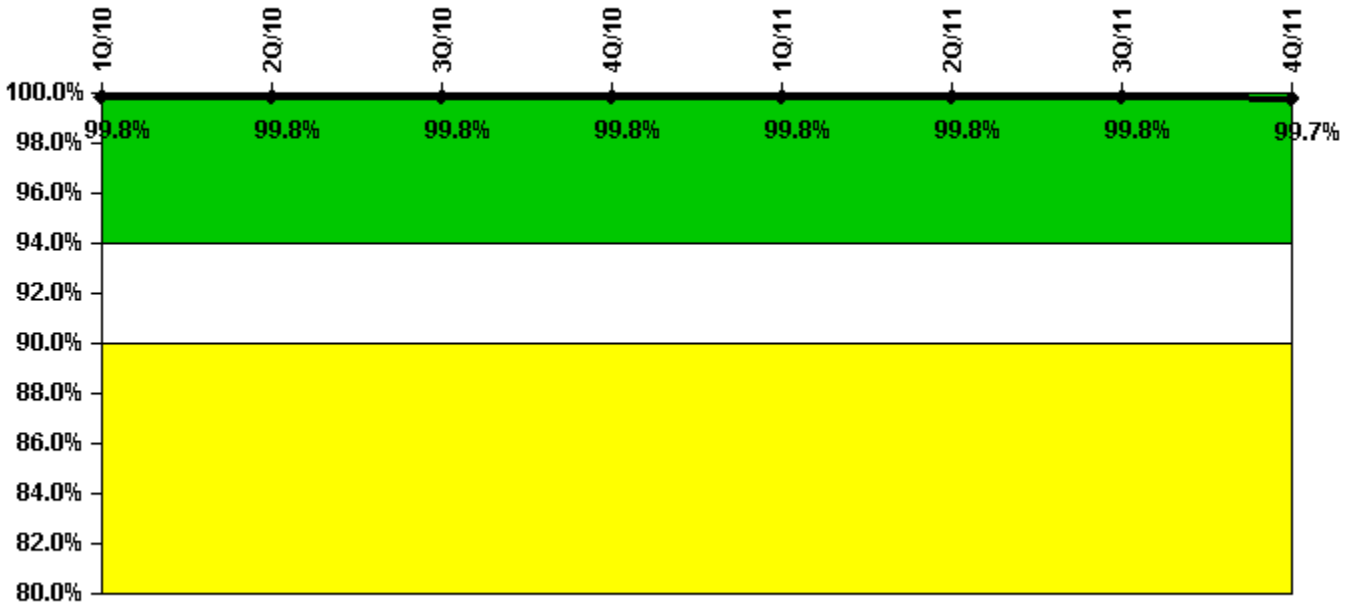
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|-----------------------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 68.0 | 68.0 | 65.0 | 67.0 | 66.0 | 67.0 | 61.0 | 67.0 |
| Total Key personnel | 68.0 | 68.0 | 66.0 | 67.0 | 66.0 | 67.0 | 61.0 | 67.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 100.0% | 98.5% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



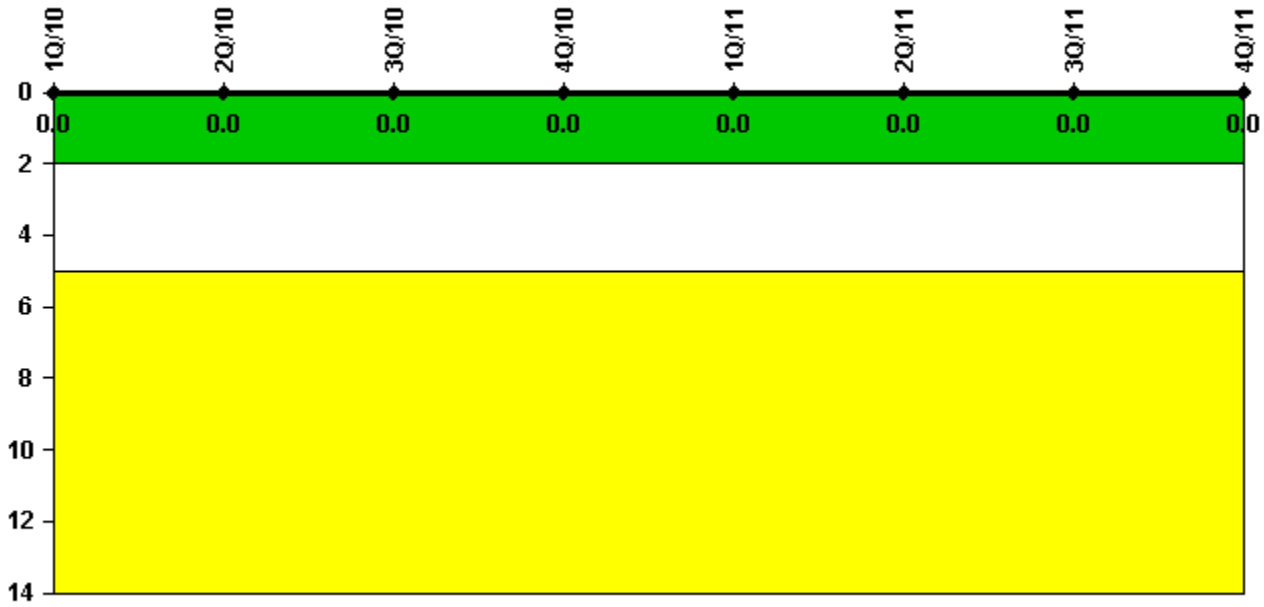
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1259 | 1260 | 1255 | 1259 | 1260 | 1259 | 1254 | 1257 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



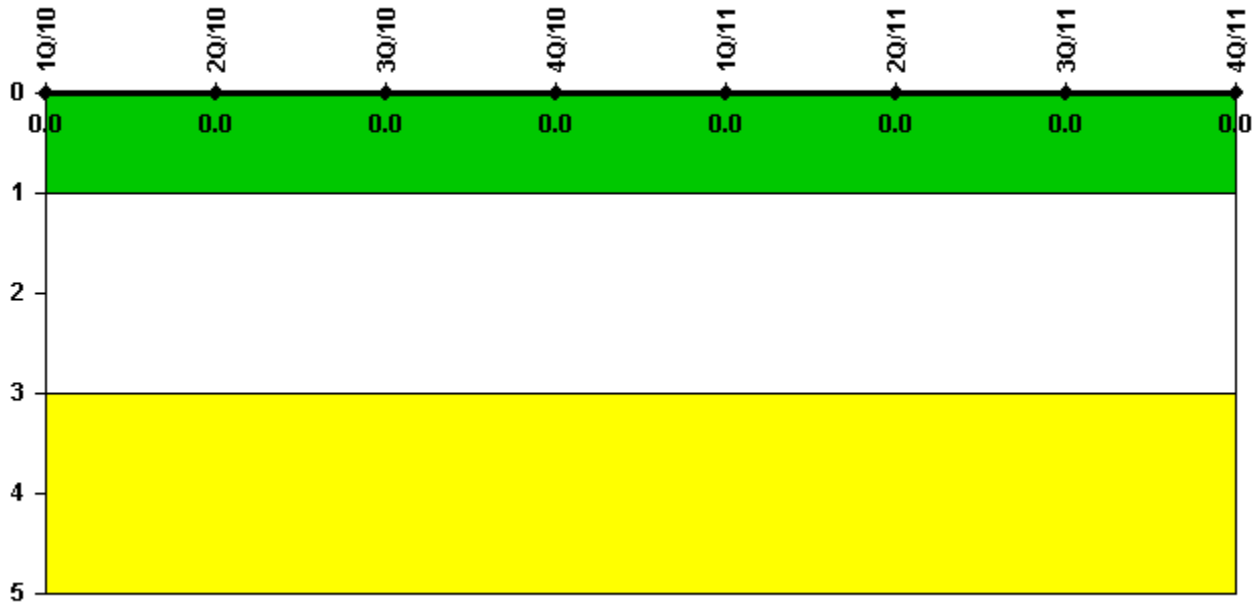
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1Q/10 | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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.

Peach Bottom 2

1Q/2012 Performance Indicators

Licensee's General Comments: Data correction for 2Qtr2010 through 4Qtr2011. No change in color threshold.

Unplanned Scrams per 7000 Critical Hrs



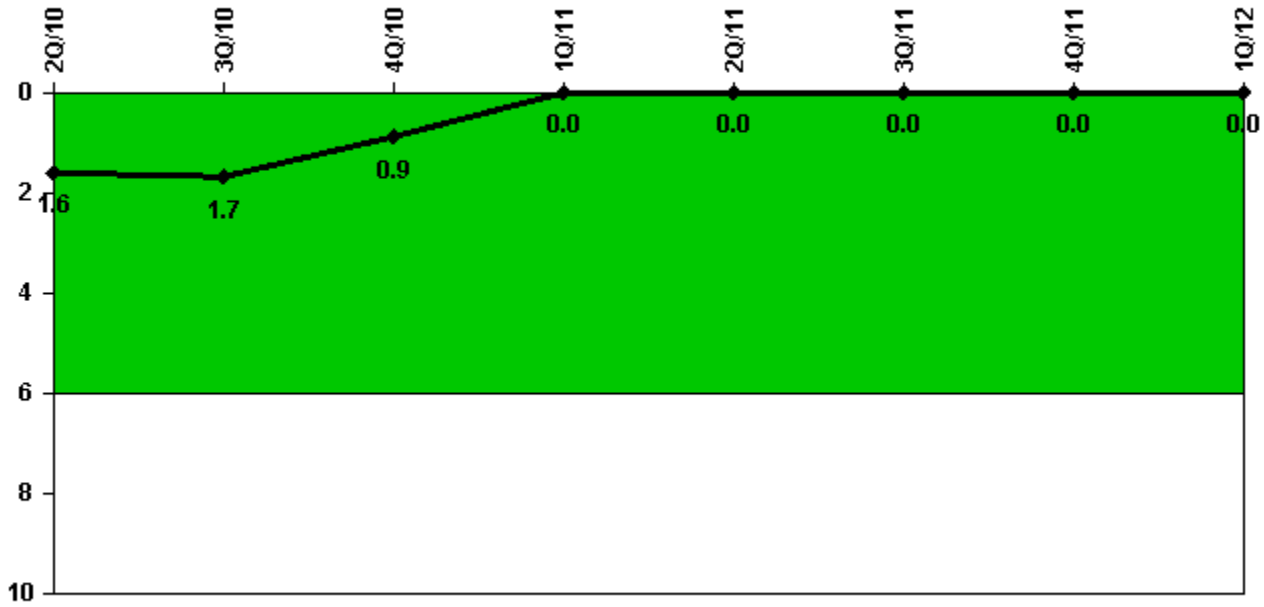
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 1774.2 | 2064.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



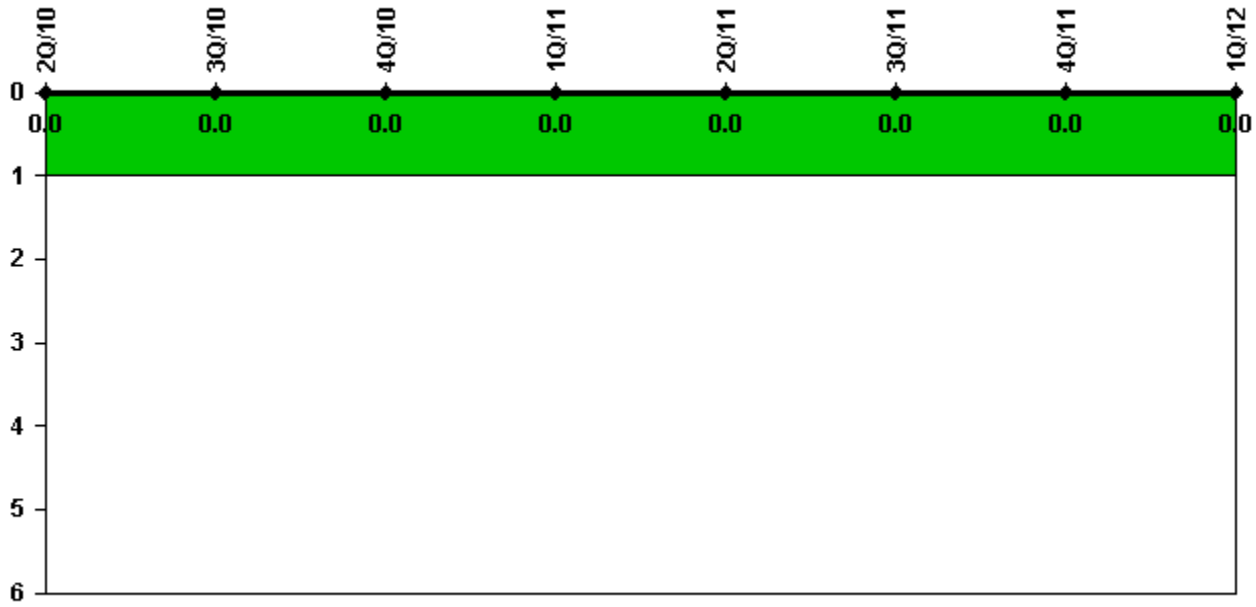
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 1774.2 | 2064.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 |
| Indicator value | 1.6 | 1.7 | 0.9 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



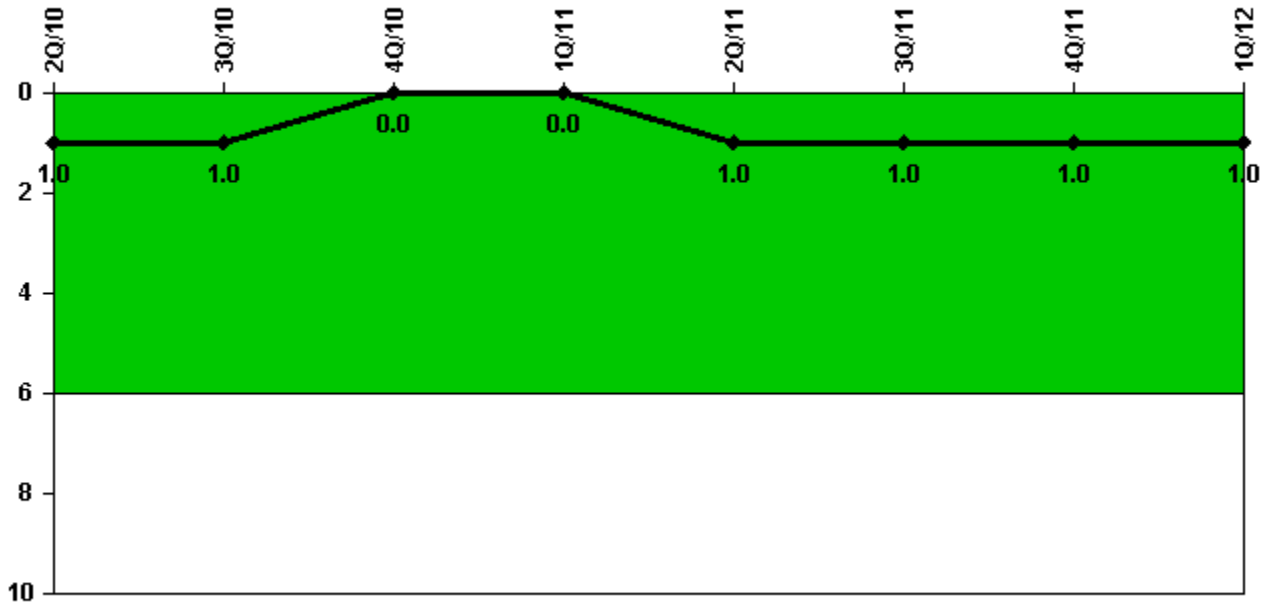
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

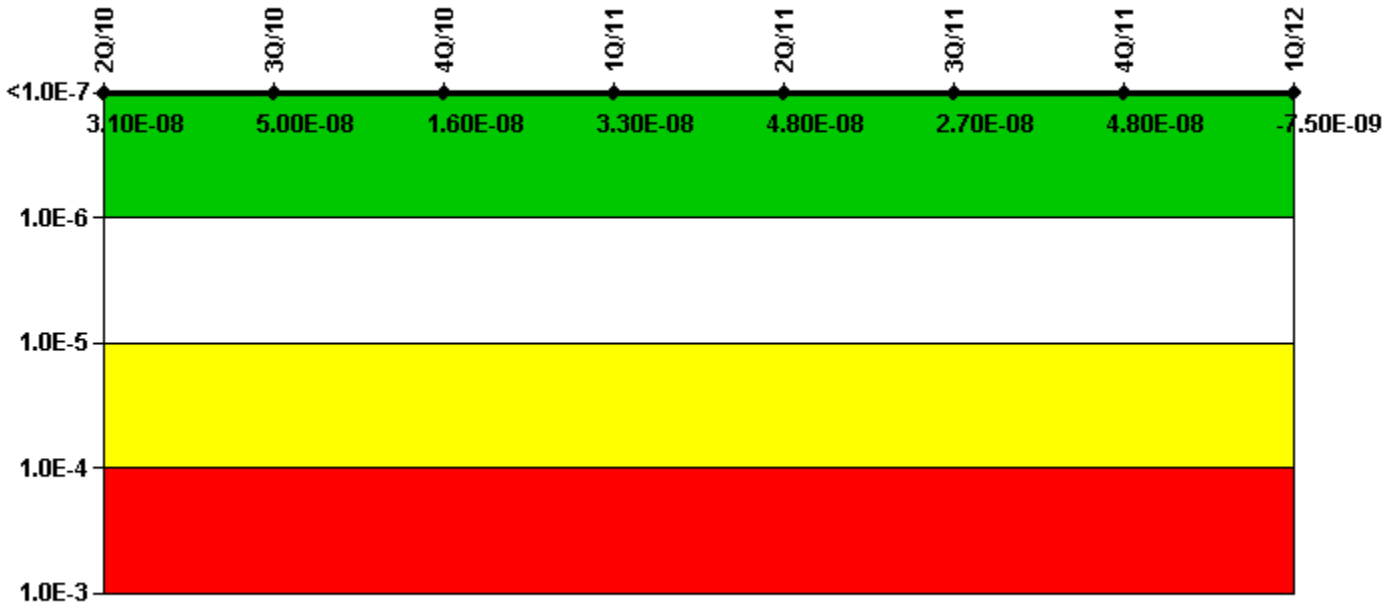
Notes

| Safety System Functional Failures (BWR) | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Indicator value | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 |

Licensee Comments:

2Q/11: LER 2-11-01

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/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---|-----------|-----------|-----------|----------|----------|-----------|----------|-----------|
| UAI (Δ CDF) | -3.47E-09 | -6.45E-09 | -1.72E-08 | 3.57E-09 | 1.87E-08 | -1.01E-08 | 1.18E-08 | 1.08E-08 |
| URI (Δ CDF) | 3.42E-08 | 5.60E-08 | 3.36E-08 | 2.92E-08 | 2.96E-08 | 3.76E-08 | 3.59E-08 | -1.83E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 3.10E-08 | 5.00E-08 | 1.60E-08 | 3.30E-08 | 4.80E-08 | 2.70E-08 | 4.80E-08 | -7.50E-09 |

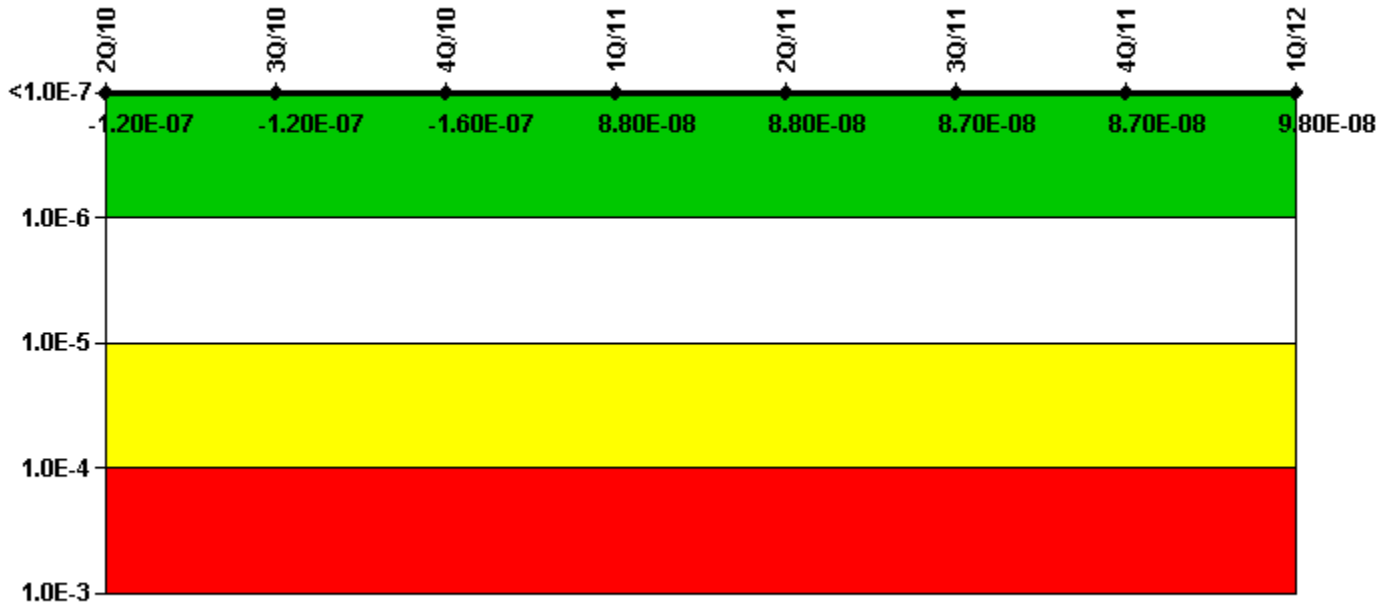
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.02E-08 | -3.00E-08 | -3.91E-08 | -2.80E-08 | -2.80E-08 | -2.84E-08 | -2.88E-08 | -1.70E-08 |
| URI (Δ CDF) | -8.54E-08 | -8.54E-08 | -1.25E-07 | 1.16E-07 | 1.16E-07 | 1.16E-07 | 1.16E-07 | 1.15E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.20E-07 | -1.60E-07 | 8.80E-08 | 8.80E-08 | 8.70E-08 | 8.70E-08 | 9.80E-08 |

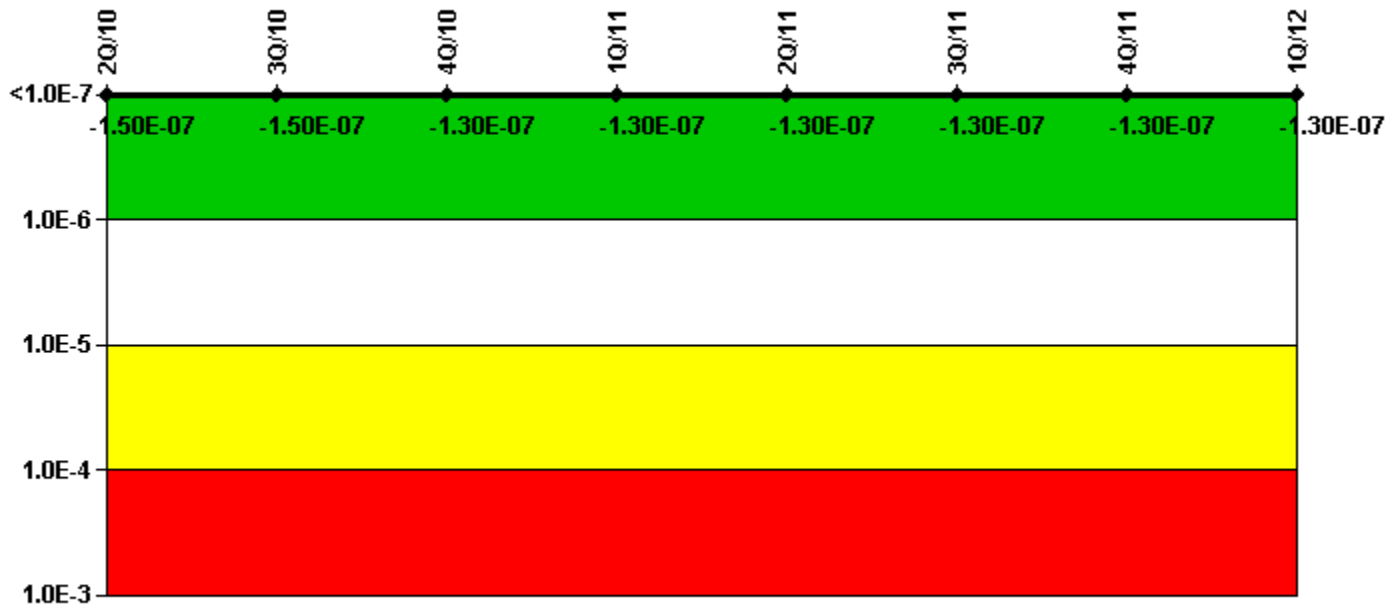
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -4.30E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -1.04E-07 | -1.04E-07 | -9.60E-08 | -9.63E-08 | -9.65E-08 | -9.68E-08 | -9.70E-08 | -9.73E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.50E-07 | -1.50E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 |

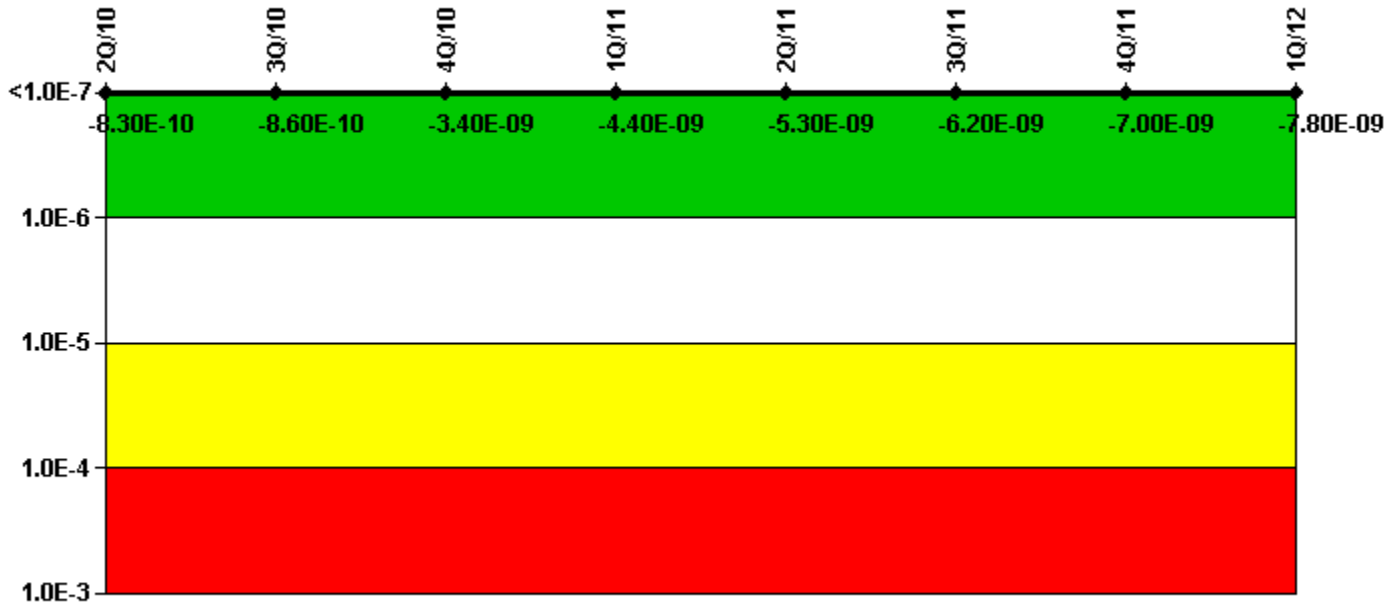
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.19E-10 | 9.37E-11 | -2.19E-10 | -2.17E-10 | -2.17E-10 | -3.09E-10 | -3.04E-10 | -3.04E-10 |
| URI (Δ CDF) | -9.52E-10 | -9.52E-10 | -3.21E-09 | -4.19E-09 | -5.09E-09 | -5.94E-09 | -6.72E-09 | -7.46E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.30E-10 | -8.60E-10 | -3.40E-09 | -4.40E-09 | -5.30E-09 | -6.20E-09 | -7.00E-09 | -7.80E-09 |

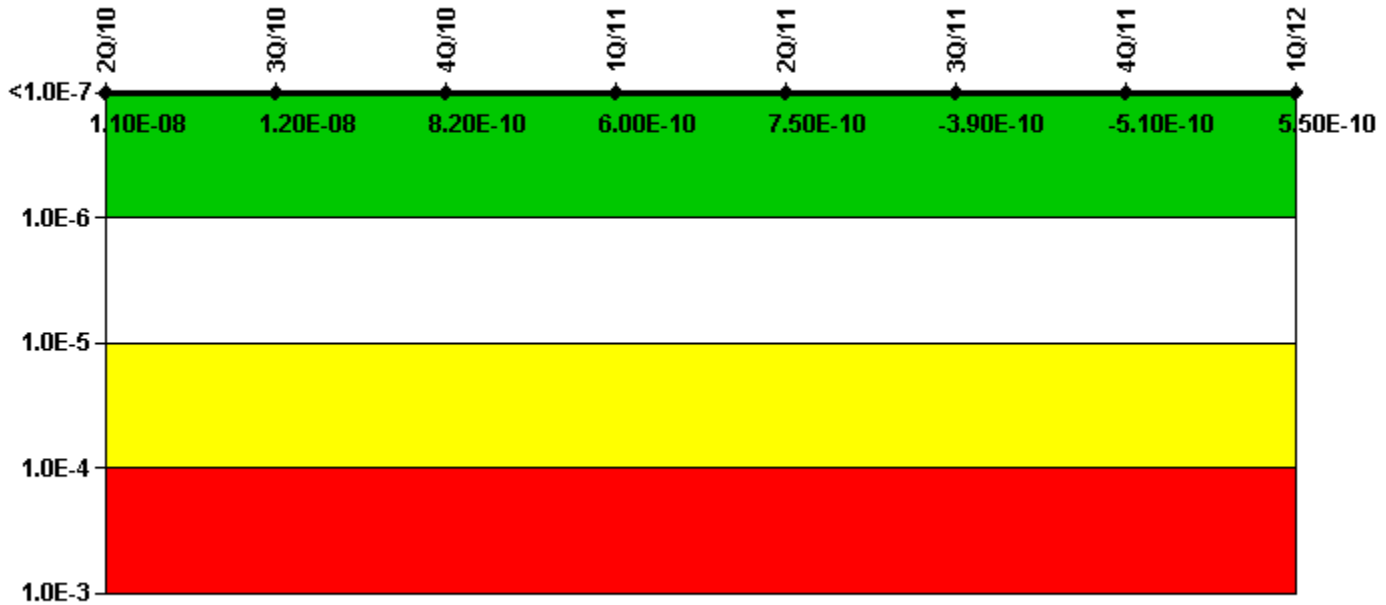
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 1.49E-08 | 1.90E-08 | 2.68E-09 | 2.45E-09 | 2.60E-09 | 1.46E-09 | 1.34E-09 | 2.40E-09 |
| URI (ΔCDF) | -3.87E-09 | -7.00E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.10E-08 | 1.20E-08 | 8.20E-10 | 6.00E-10 | 7.50E-10 | -3.90E-10 | -5.10E-10 | 5.50E-10 |

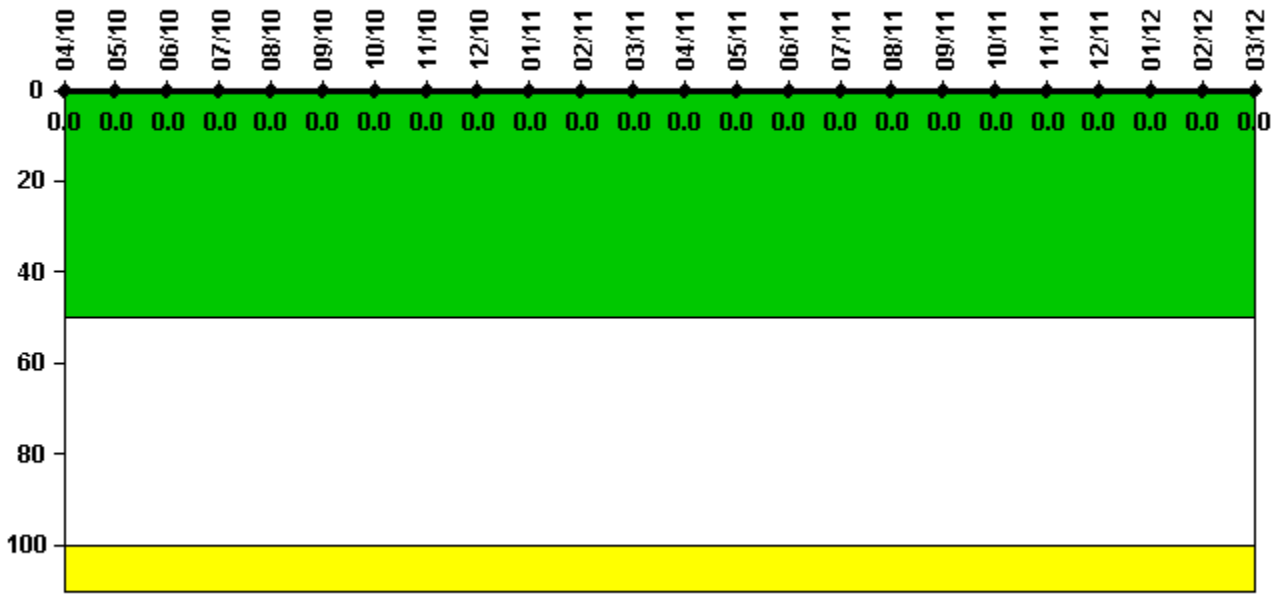
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Reactor Coolant System Activity



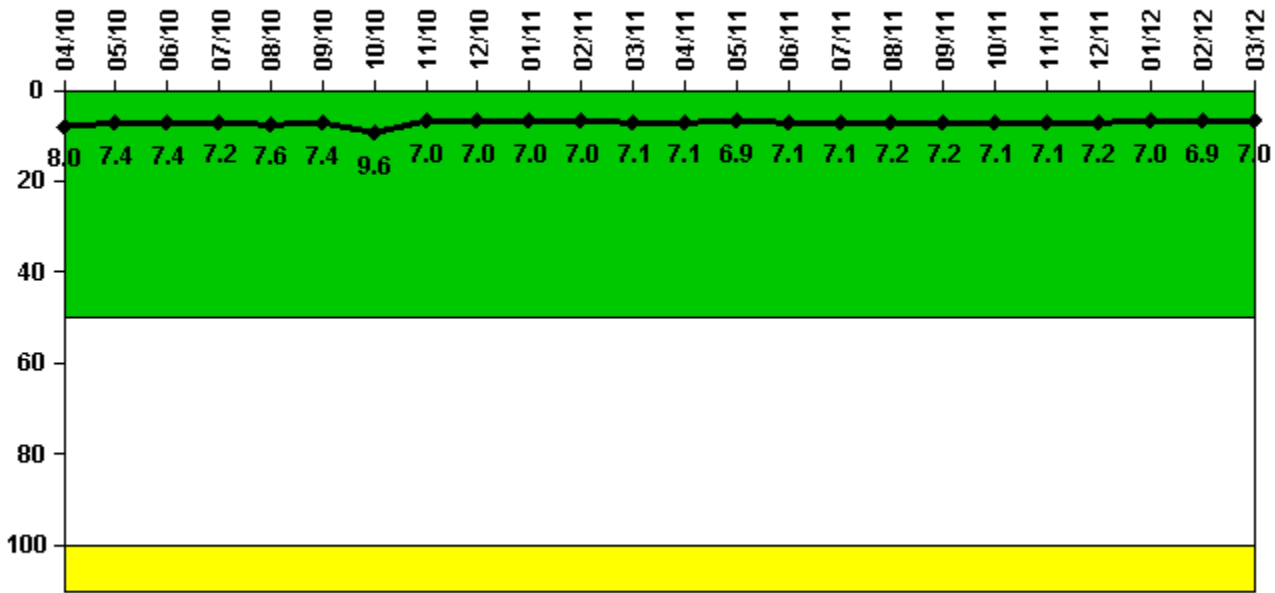
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000028 | 0.000037 | 0.000051 | 0.000038 | 0.000038 | 0.000046 | 0.000024 | 0.000021 | 0.000022 | 0.000022 | 0.000029 | 0.000061 |
| 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 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 | 1/12 | 2/12 | 3/12 |
| Maximum activity | 0.000022 | 0.000023 | 0.000023 | 0.000025 | 0.000024 | 0.000022 | 0.000027 | 0.000023 | 0.000022 | 0.000022 | 0.000020 | 0.000027 |
| 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



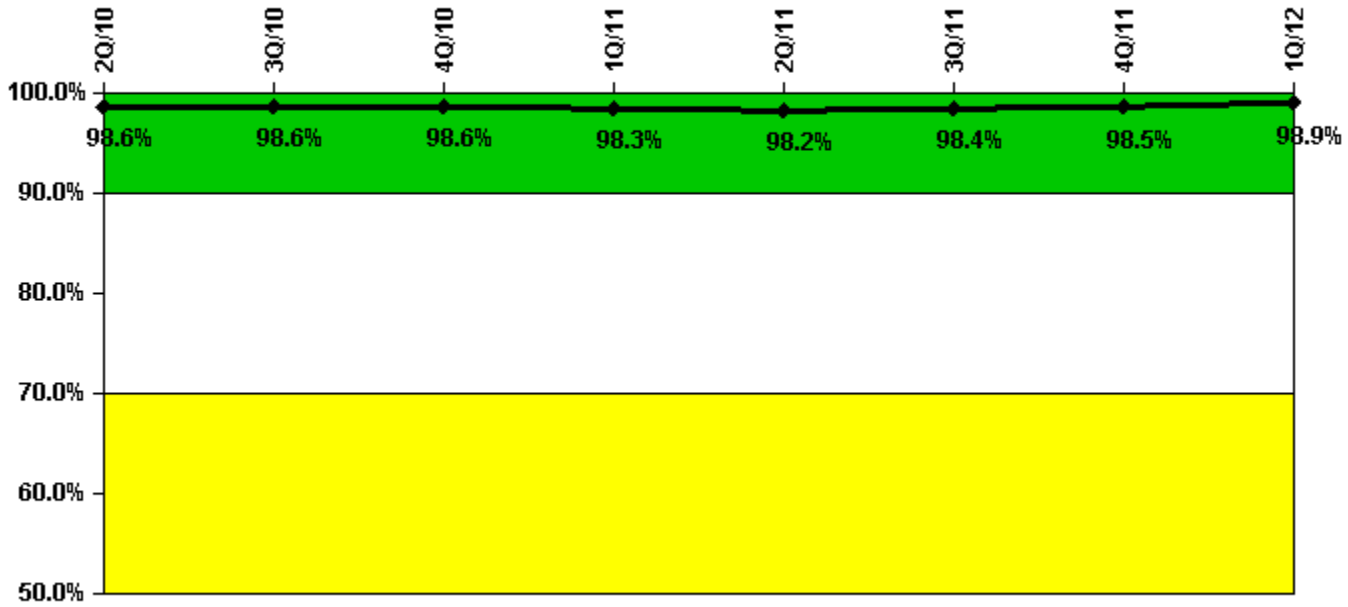
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 4/10 | 5/10 | 6/10 | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.000 | 1.840 | 1.840 | 1.810 | 1.890 | 1.850 | 2.400 | 1.750 | 1.740 | 1.740 | 1.740 | 1.780 |
| 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 | 8.0 | 7.4 | 7.4 | 7.2 | 7.6 | 7.4 | 9.6 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 |
| Reactor Coolant System Leakage | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 | 1/12 | 2/12 | 3/12 |
| Maximum leakage | 1.780 | 1.720 | 1.780 | 1.780 | 1.790 | 1.790 | 1.780 | 1.780 | 1.790 | 1.740 | 1.720 | 1.750 |
| 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 | 7.1 | 6.9 | 7.1 | 7.1 | 7.2 | 7.2 | 7.1 | 7.1 | 7.2 | 7.0 | 6.9 | 7.0 |

Licensee Comments: none

Drill/Exercise Performance



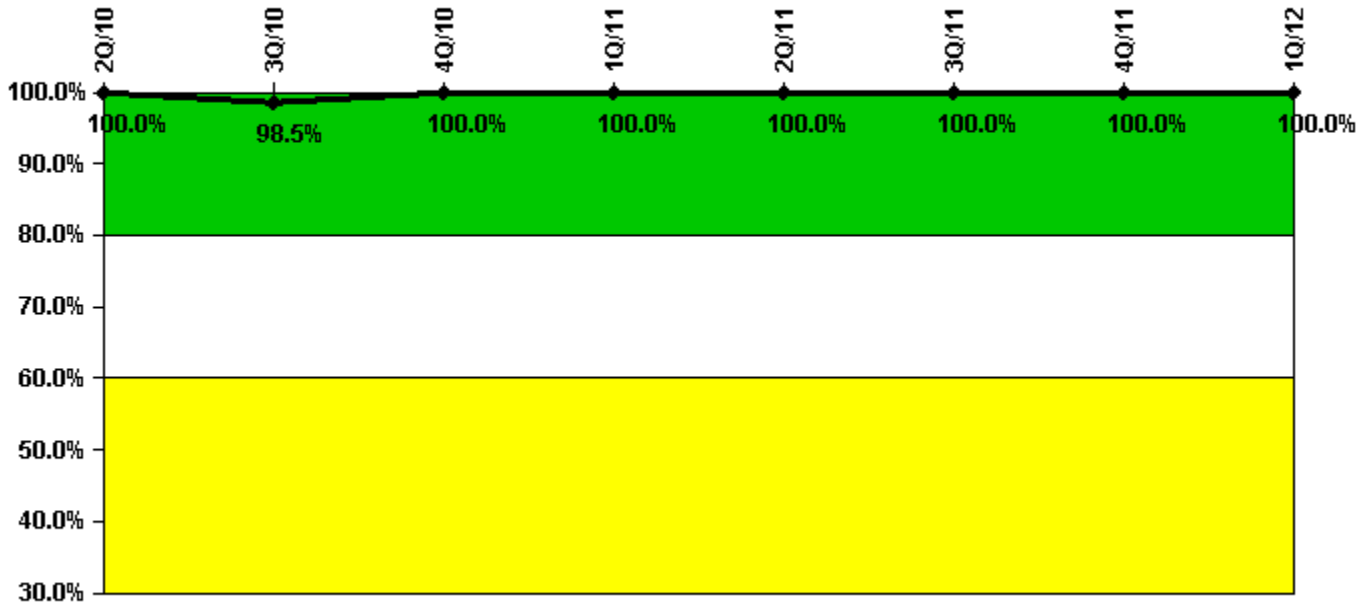
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 57.0 | 20.0 | 28.0 | 70.0 | 26.0 | 19.0 | 36.0 | 93.0 |
| Total opportunities | 57.0 | 20.0 | 28.0 | 73.0 | 27.0 | 19.0 | 36.0 | 93.0 |
| | | | | | | | | |
| Indicator value | 98.6% | 98.6% | 98.6% | 98.3% | 98.2% | 98.4% | 98.5% | 98.9% |

Licensee Comments: none

ERO Drill Participation



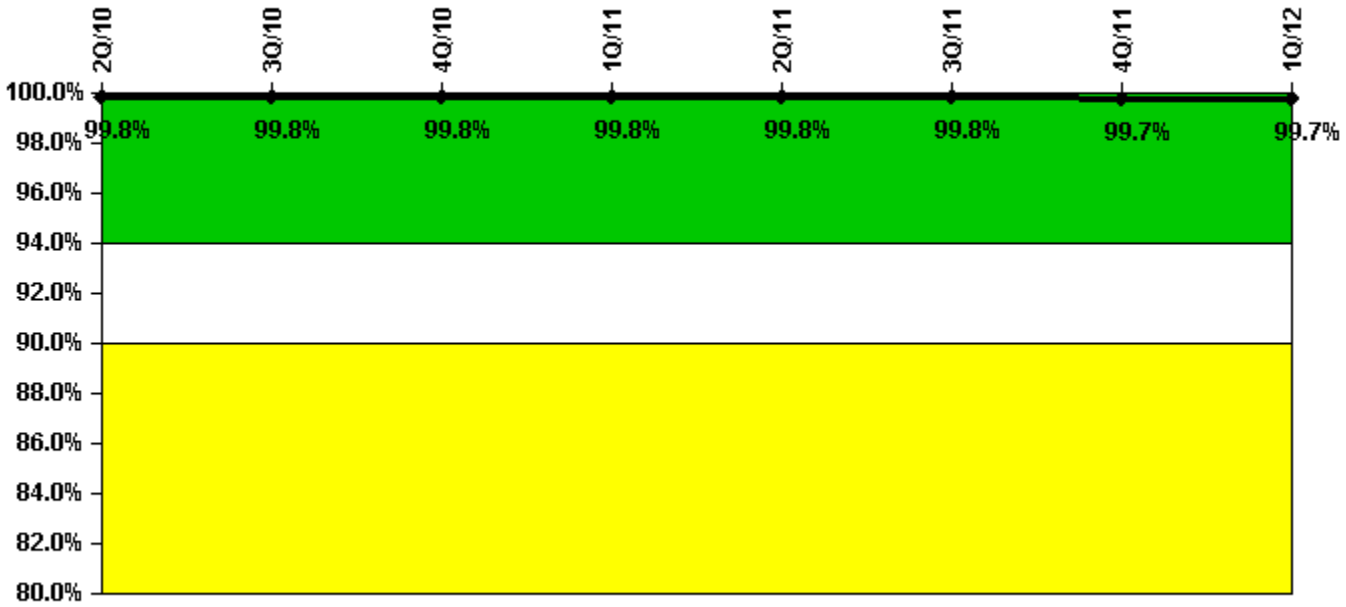
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|-----------------------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 68.0 | 65.0 | 67.0 | 66.0 | 67.0 | 61.0 | 67.0 | 71.0 |
| Total Key personnel | 68.0 | 66.0 | 67.0 | 66.0 | 67.0 | 61.0 | 67.0 | 71.0 |
| | | | | | | | | |
| Indicator value | 100.0% | 98.5% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



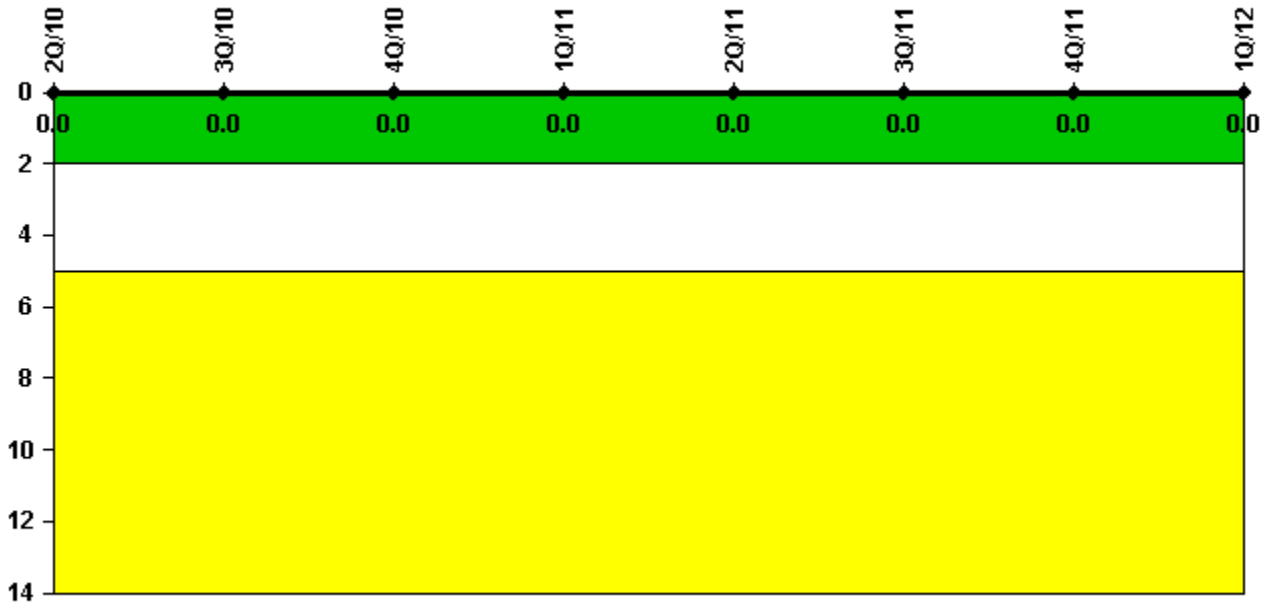
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1260 | 1255 | 1259 | 1260 | 1259 | 1254 | 1257 | 1258 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.7% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



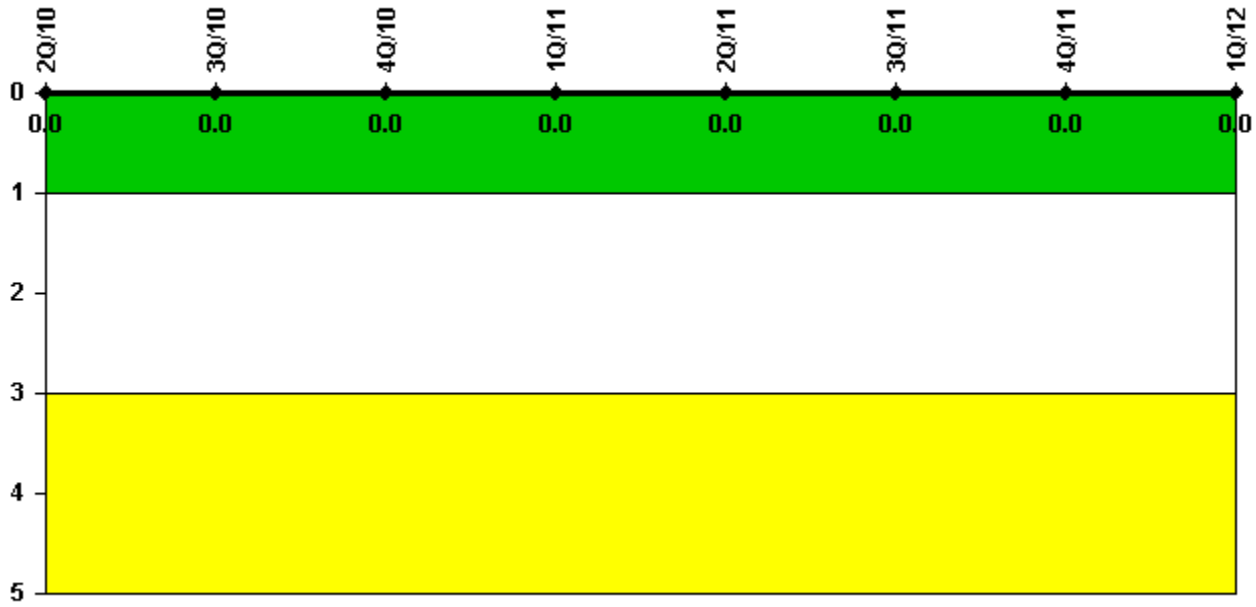
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/10 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

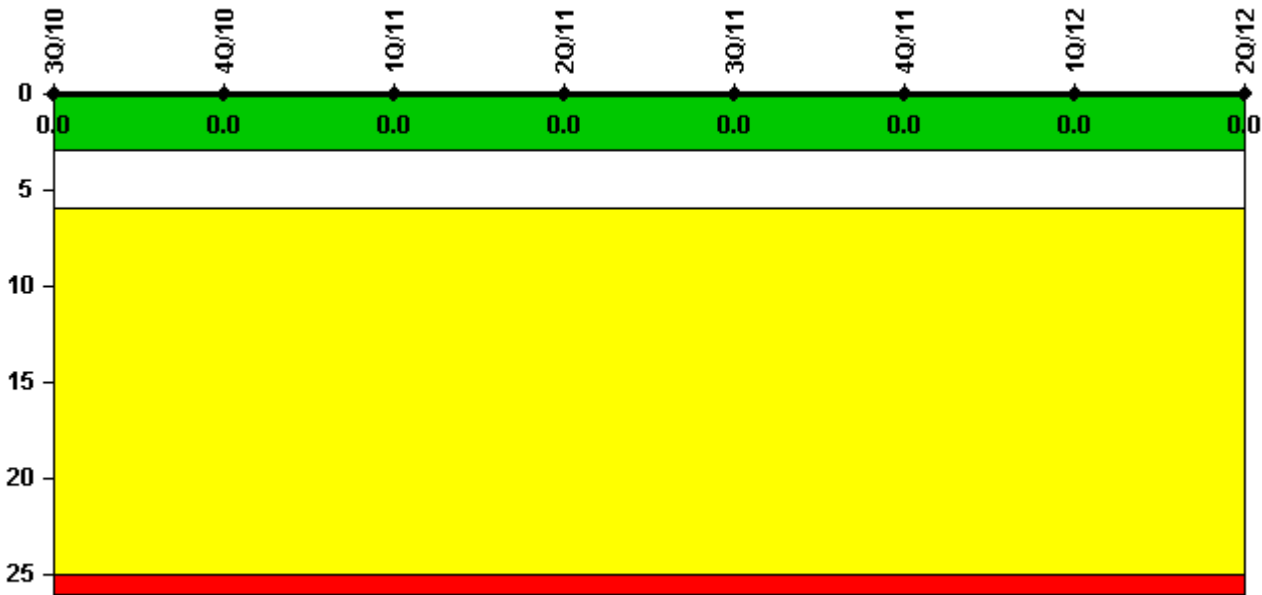
[Security](#) information not publicly available.

Peach Bottom 2

2Q/2012 Performance Indicators

Licensee's General Comments: Data correction for IDS Compensatory hours in PP01 2Qtr 2011 through 1Qtr2012. There is no change in threshold color.

Unplanned Scrams per 7000 Critical Hrs



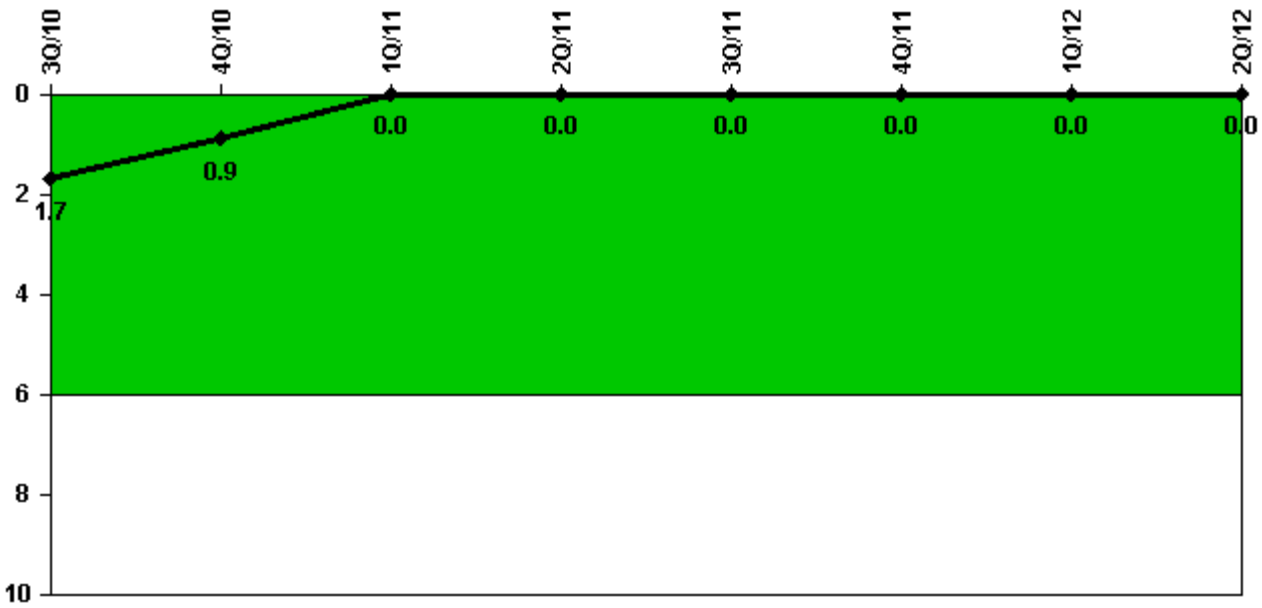
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1774.2 | 2064.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



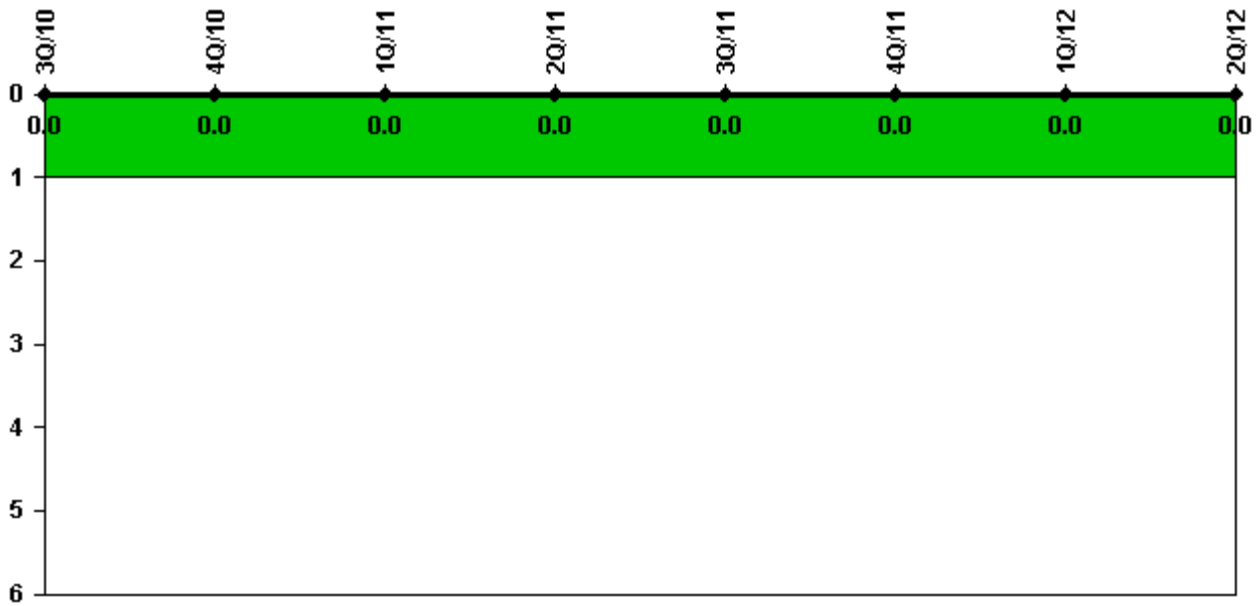
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|---|------------|------------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1774.2 | 2064.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 |
| Indicator value | 1.7 | 0.9 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



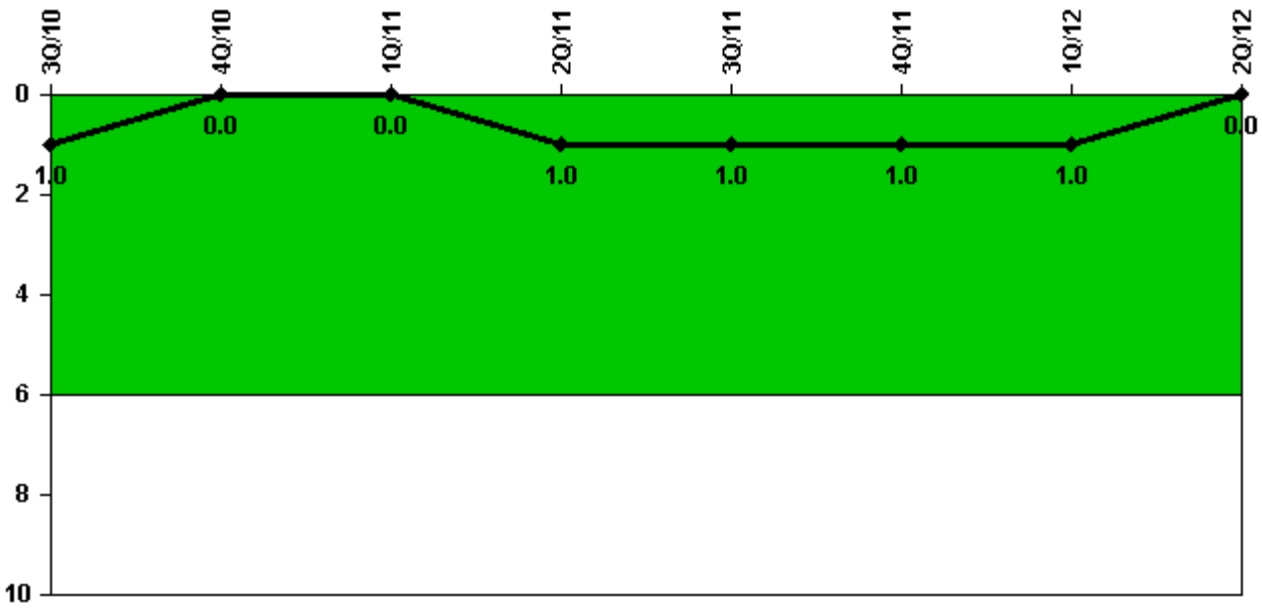
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

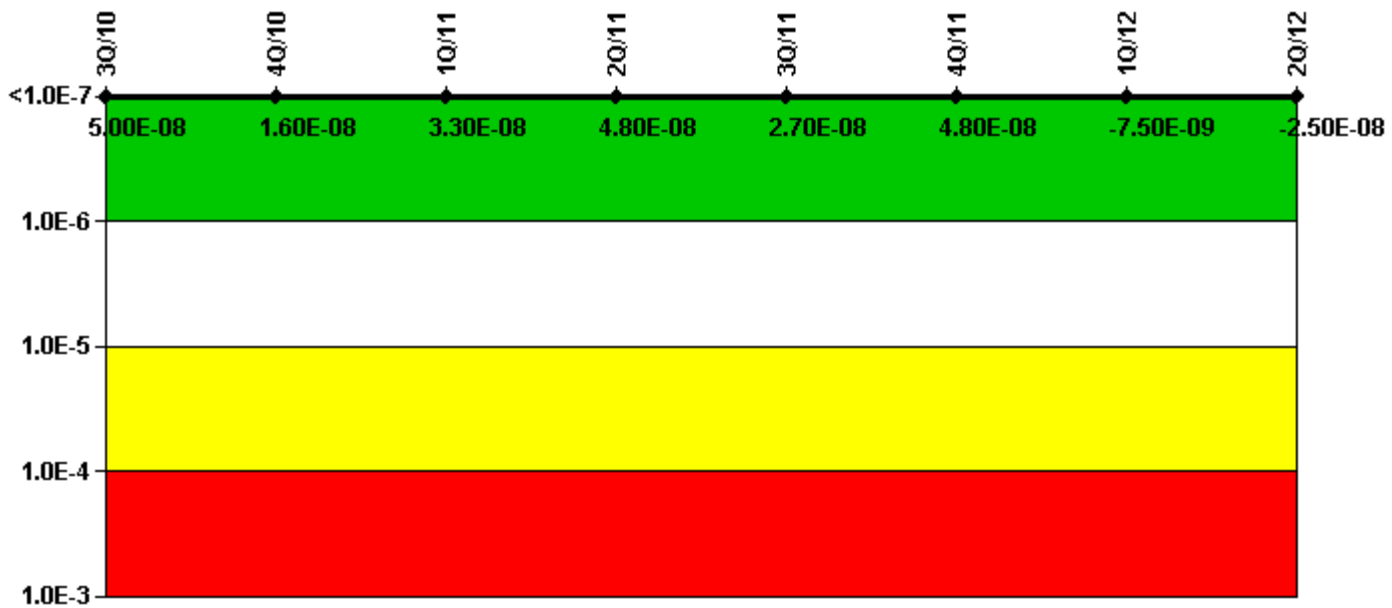
Notes

| Safety System Functional Failures (BWR) | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|
| Safety System Functional Failures | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Indicator value | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |

Licensee Comments:

2Q/11: LER 2-11-01

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/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|---|-----------|-----------|----------|----------|-----------|----------|-----------|-----------|
| UAI (Δ CDF) | -6.45E-09 | -1.72E-08 | 3.57E-09 | 1.87E-08 | -1.01E-08 | 1.18E-08 | 1.08E-08 | -1.31E-09 |
| URI (Δ CDF) | 5.60E-08 | 3.36E-08 | 2.92E-08 | 2.96E-08 | 3.76E-08 | 3.59E-08 | -1.83E-08 | -2.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 5.00E-08 | 1.60E-08 | 3.30E-08 | 4.80E-08 | 2.70E-08 | 4.80E-08 | -7.50E-09 | -2.50E-08 |

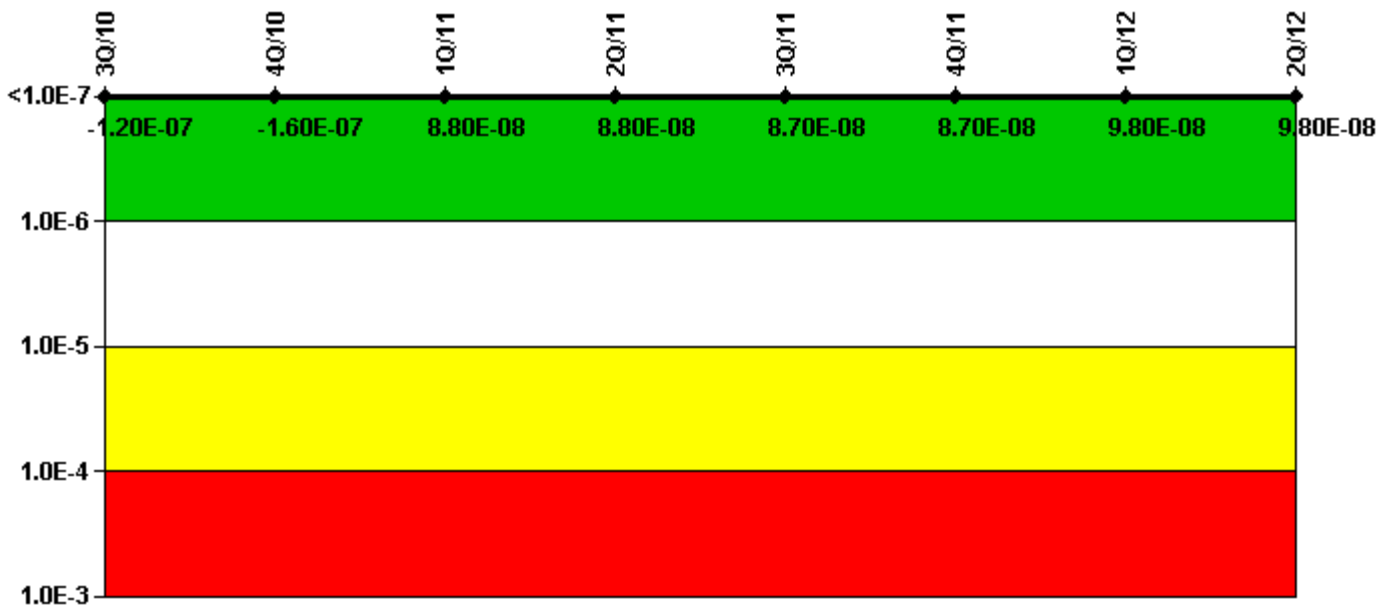
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.00E-08 | -3.91E-08 | -2.80E-08 | -2.80E-08 | -2.84E-08 | -2.88E-08 | -1.70E-08 | -1.70E-08 |
| URI (Δ CDF) | -8.54E-08 | -1.25E-07 | 1.16E-07 | 1.16E-07 | 1.16E-07 | 1.16E-07 | 1.15E-07 | 1.15E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.60E-07 | 8.80E-08 | 8.80E-08 | 8.70E-08 | 8.70E-08 | 9.80E-08 | 9.80E-08 |

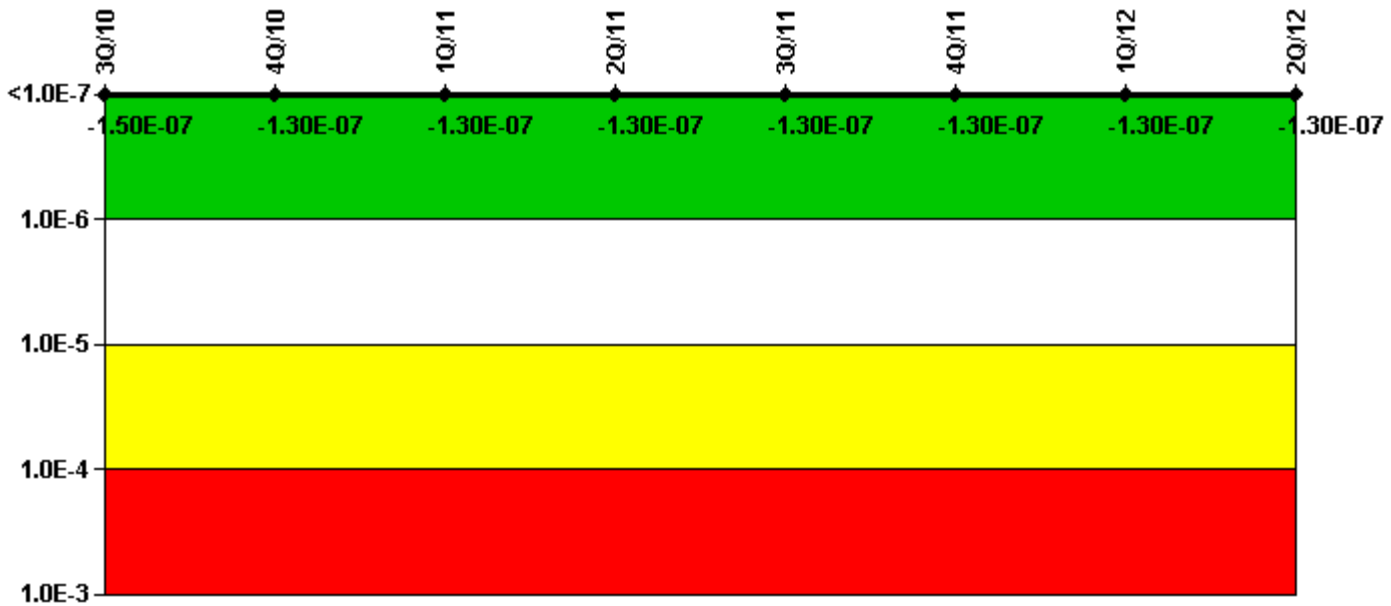
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -4.30E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -1.04E-07 | -9.60E-08 | -9.63E-08 | -9.65E-08 | -9.68E-08 | -9.70E-08 | -9.73E-08 | -9.75E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.50E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 |

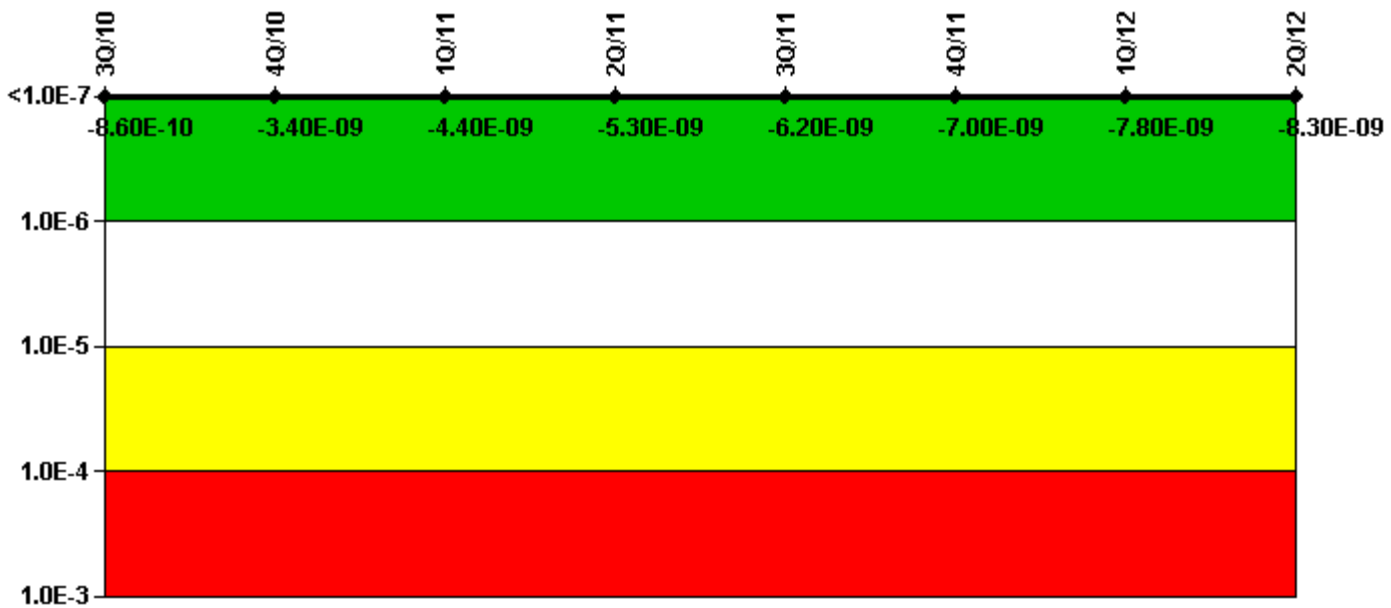
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 9.37E-11 | -2.19E-10 | -2.17E-10 | -2.17E-10 | -3.09E-10 | -3.04E-10 | -3.04E-10 | -1.10E-10 |
| URI (Δ CDF) | -9.52E-10 | -3.21E-09 | -4.19E-09 | -5.09E-09 | -5.94E-09 | -6.72E-09 | -7.46E-09 | -8.14E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.60E-10 | -3.40E-09 | -4.40E-09 | -5.30E-09 | -6.20E-09 | -7.00E-09 | -7.80E-09 | -8.30E-09 |

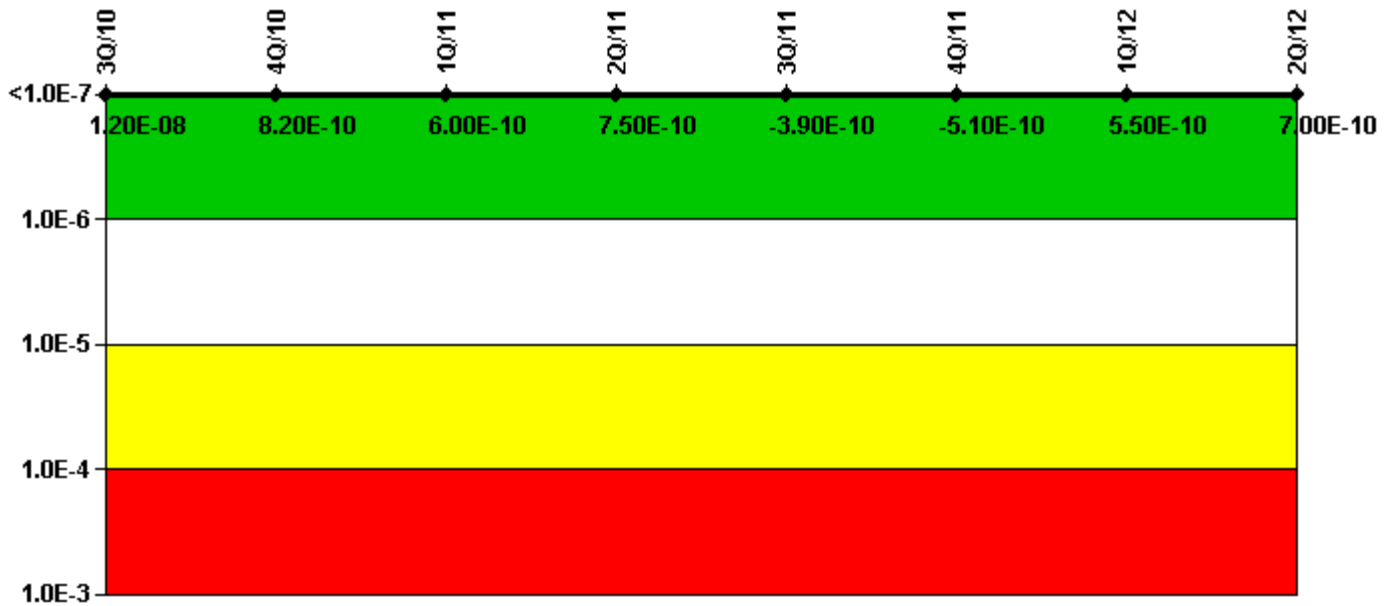
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.90E-08 | 2.68E-09 | 2.45E-09 | 2.60E-09 | 1.46E-09 | 1.34E-09 | 2.40E-09 | 2.55E-09 |
| URI (Δ CDF) | -7.00E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.20E-08 | 8.20E-10 | 6.00E-10 | 7.50E-10 | -3.90E-10 | -5.10E-10 | 5.50E-10 | 7.00E-10 |

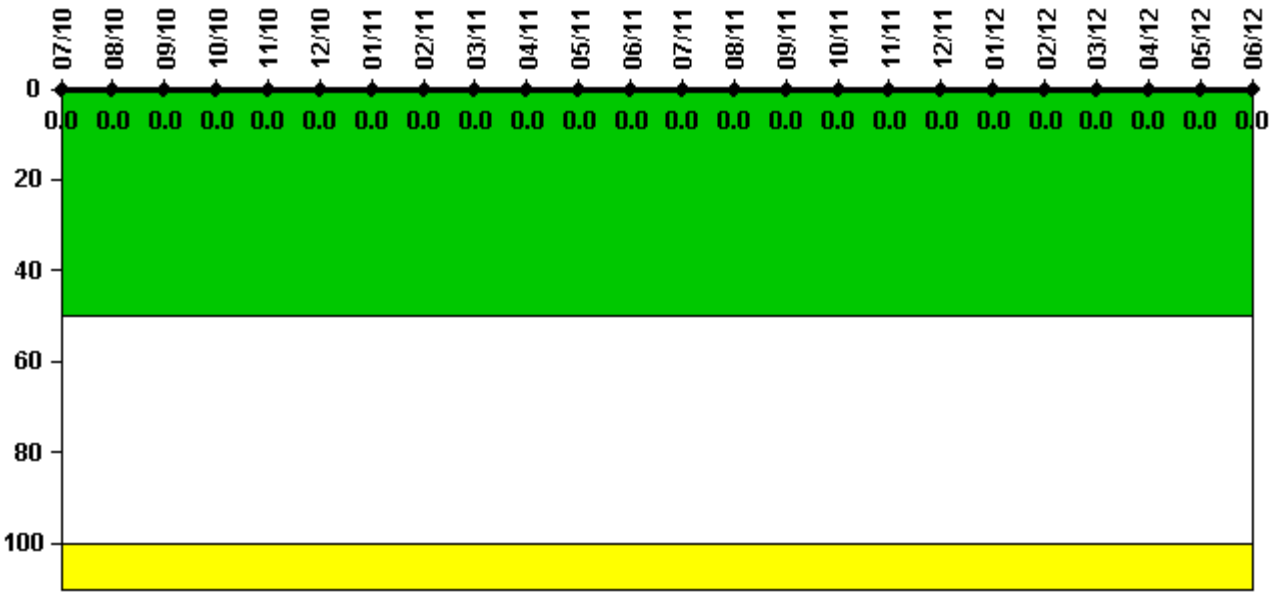
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

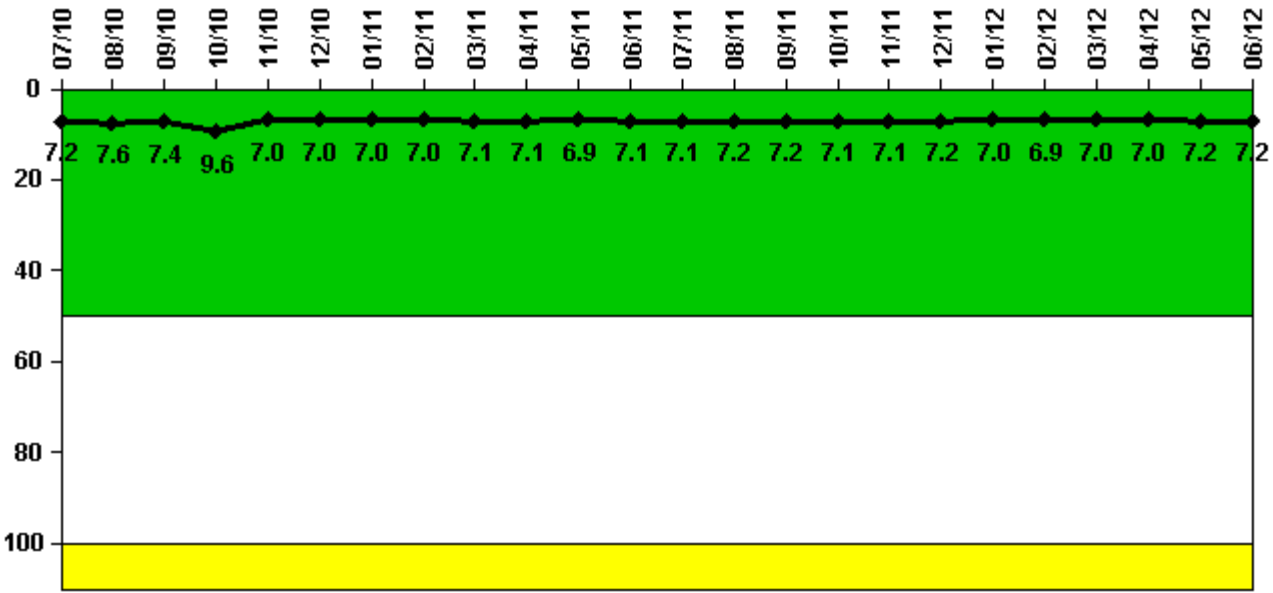
Notes

| Reactor Coolant System Activity | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000038 | 0.000038 | 0.000046 | 0.000024 | 0.000021 | 0.000022 | 0.000022 | 0.000029 | 0.000061 | 0.000022 | 0.000023 | 0.000023 |
| 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 | 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 | 0.000025 | 0.000024 | 0.000022 | 0.000027 | 0.000023 | 0.000022 | 0.000022 | 0.000020 | 0.000027 | 0.000020 | 0.000020 | 0.000020 |
| 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



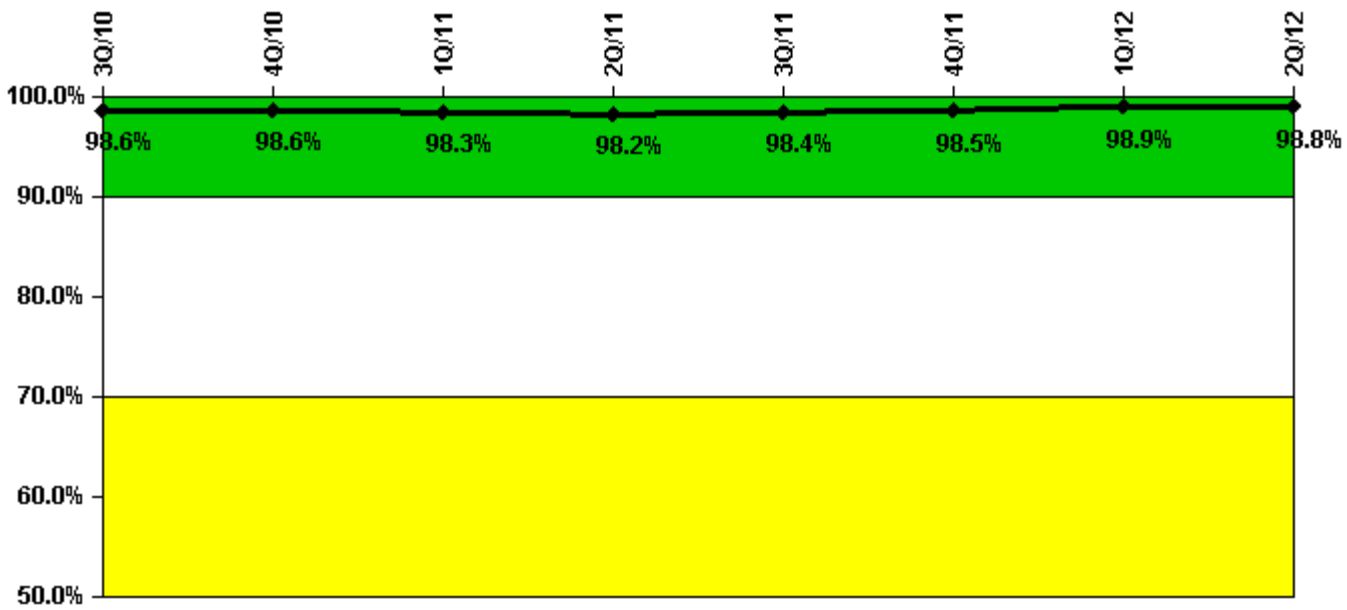
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 7/10 | 8/10 | 9/10 | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.810 | 1.890 | 1.850 | 2.400 | 1.750 | 1.740 | 1.740 | 1.740 | 1.780 | 1.780 | 1.720 | 1.780 |
| 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 | 7.2 | 7.6 | 7.4 | 9.6 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 6.9 | 7.1 |
| 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 | 1.780 | 1.790 | 1.790 | 1.780 | 1.780 | 1.790 | 1.740 | 1.720 | 1.750 | 1.750 | 1.790 | 1.810 |
| 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 | 7.1 | 7.2 | 7.2 | 7.1 | 7.1 | 7.2 | 7.0 | 6.9 | 7.0 | 7.0 | 7.2 | 7.2 |

Licensee Comments: none

Drill/Exercise Performance



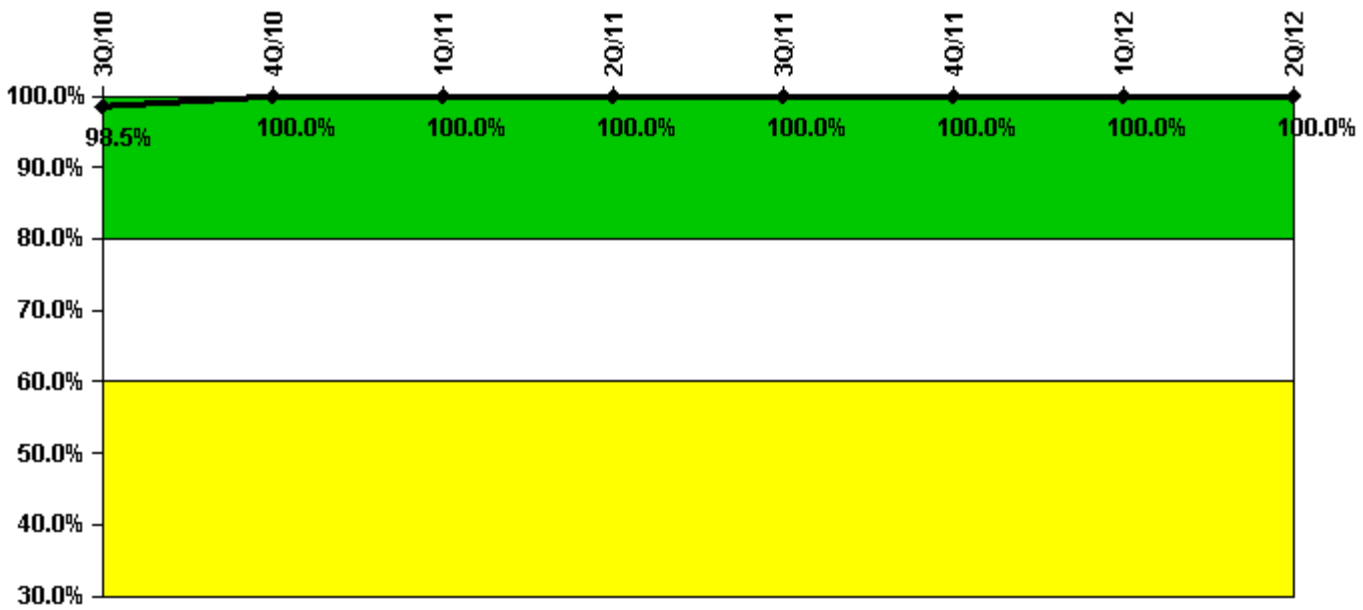
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 20.0 | 28.0 | 70.0 | 26.0 | 19.0 | 36.0 | 93.0 | 32.0 |
| Total opportunities | 20.0 | 28.0 | 73.0 | 27.0 | 19.0 | 36.0 | 93.0 | 32.0 |
| | | | | | | | | |
| Indicator value | 98.6% | 98.6% | 98.3% | 98.2% | 98.4% | 98.5% | 98.9% | 98.8% |

Licensee Comments: none

ERO Drill Participation



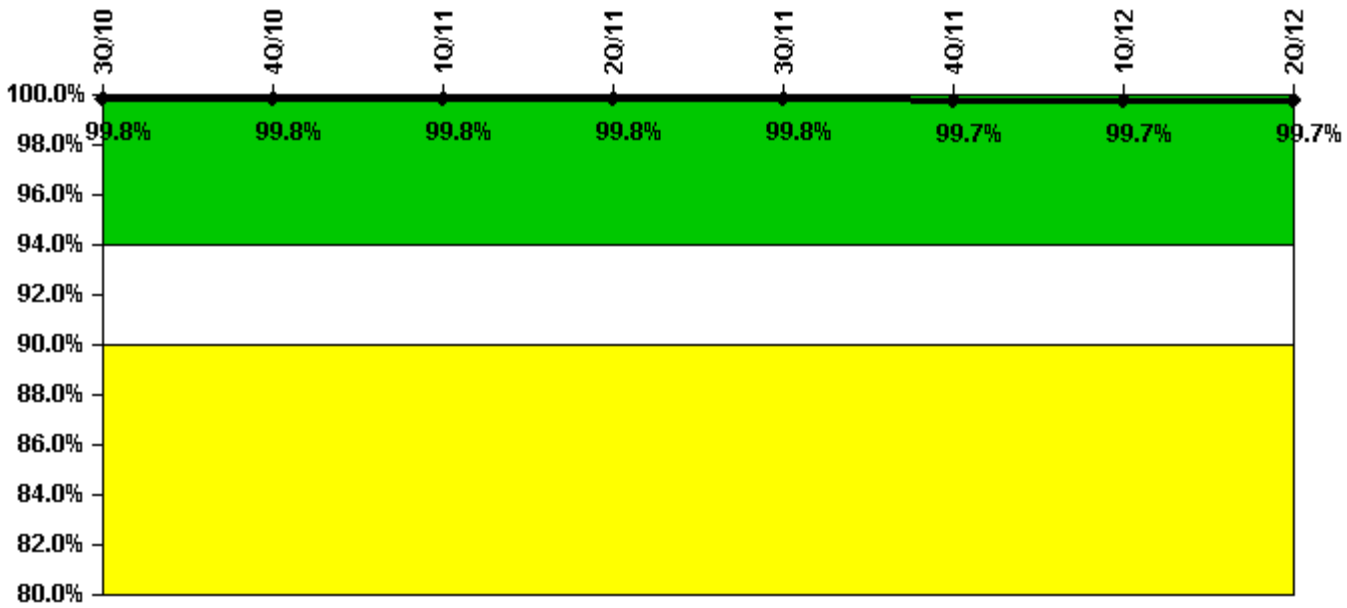
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|-----------------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 65.0 | 67.0 | 66.0 | 67.0 | 61.0 | 67.0 | 71.0 | 72.0 |
| Total Key personnel | 66.0 | 67.0 | 66.0 | 67.0 | 61.0 | 67.0 | 71.0 | 72.0 |
| Indicator value | 98.5% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



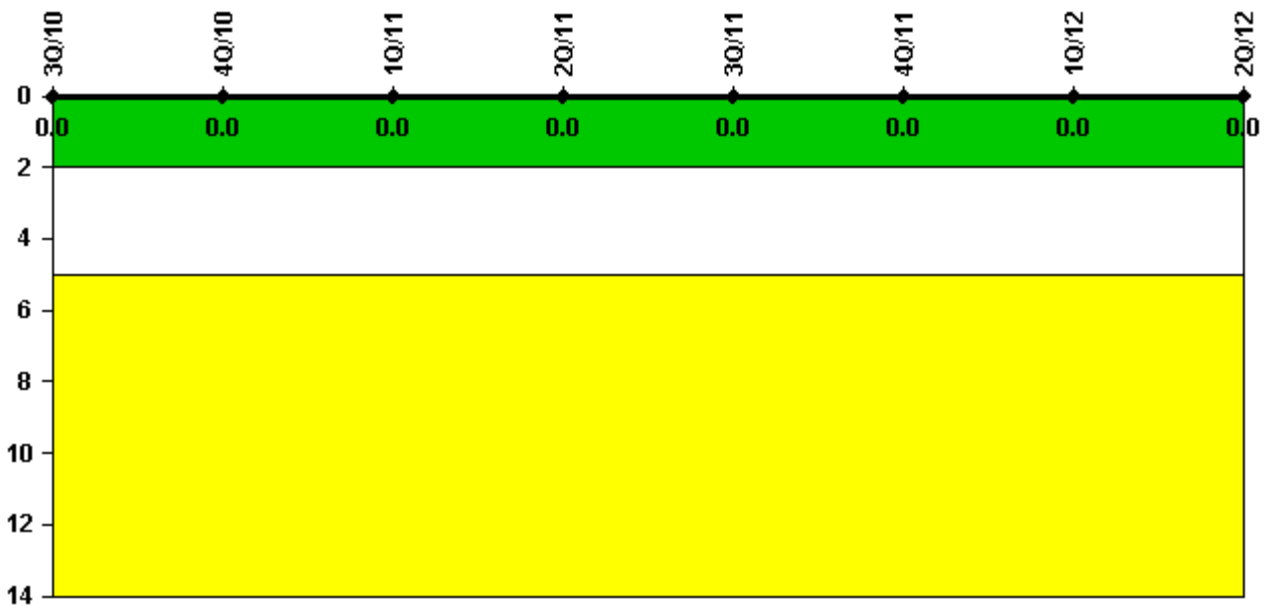
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful siren-tests | 1255 | 1259 | 1260 | 1259 | 1254 | 1257 | 1258 | 1258 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| | | | | | | | | |
| Indicator value | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.7% | 99.7% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



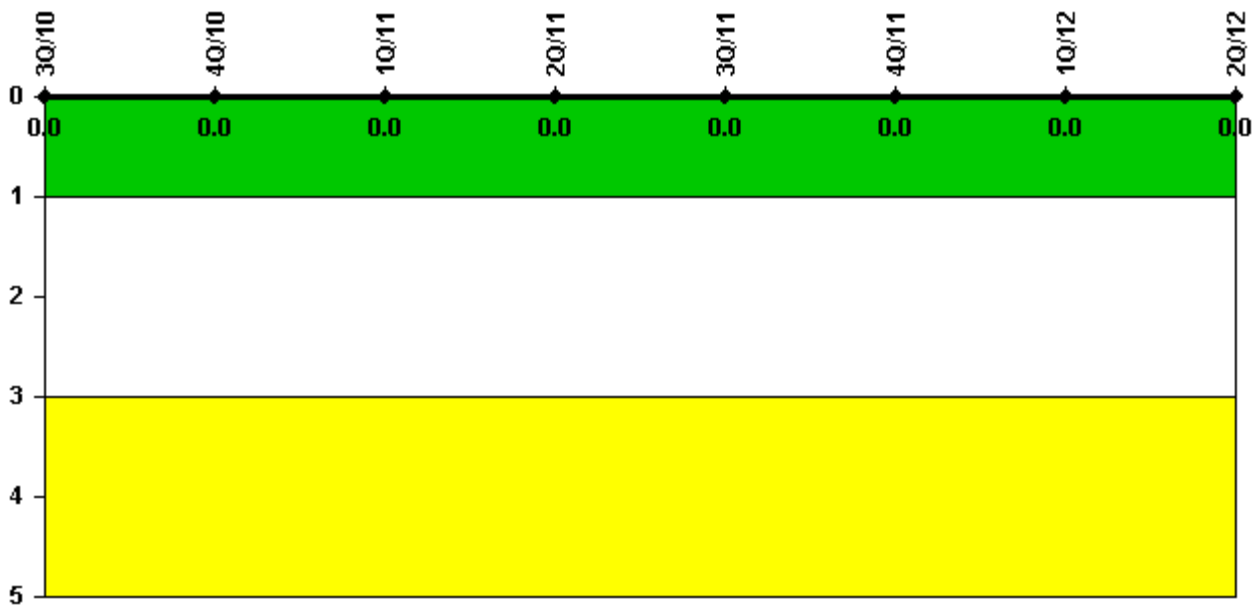
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 3Q/10 | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

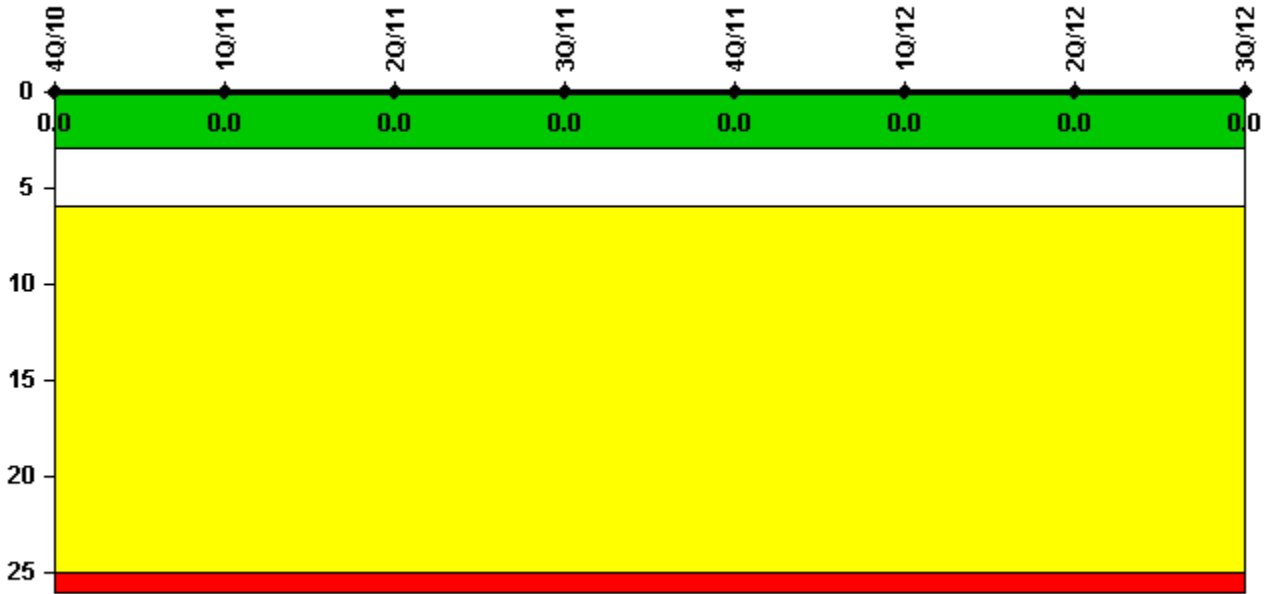
Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information 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.

Peach Bottom 2

3Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



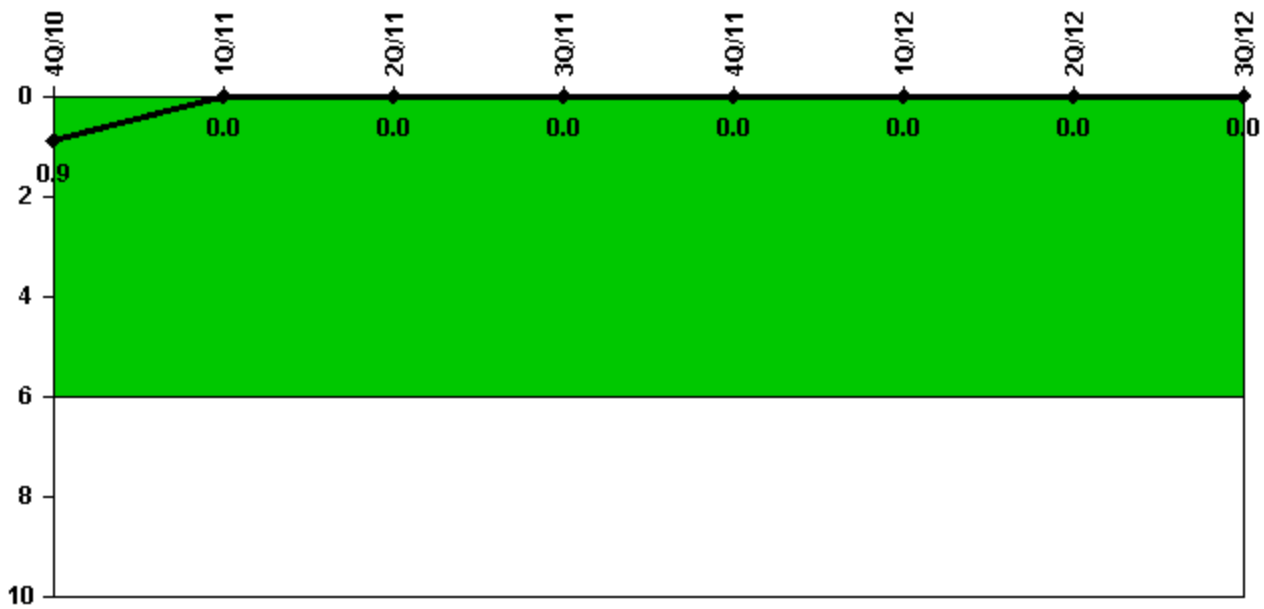
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2064.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1701.9 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



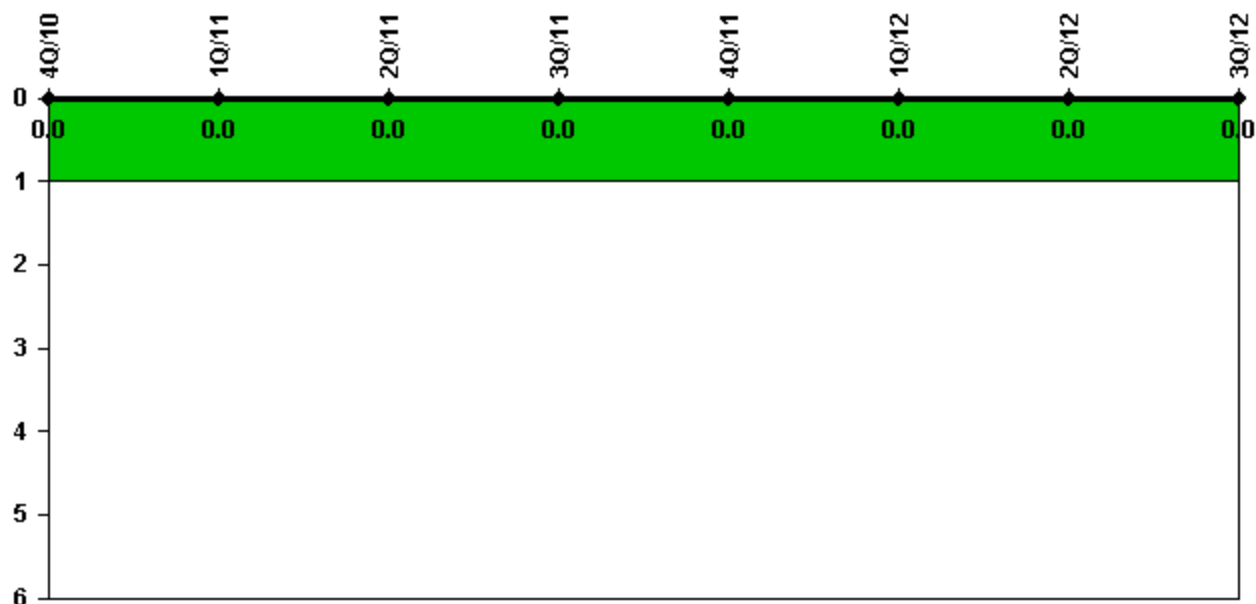
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|---|------------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2064.2 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1701.9 |
| Indicator value | 0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



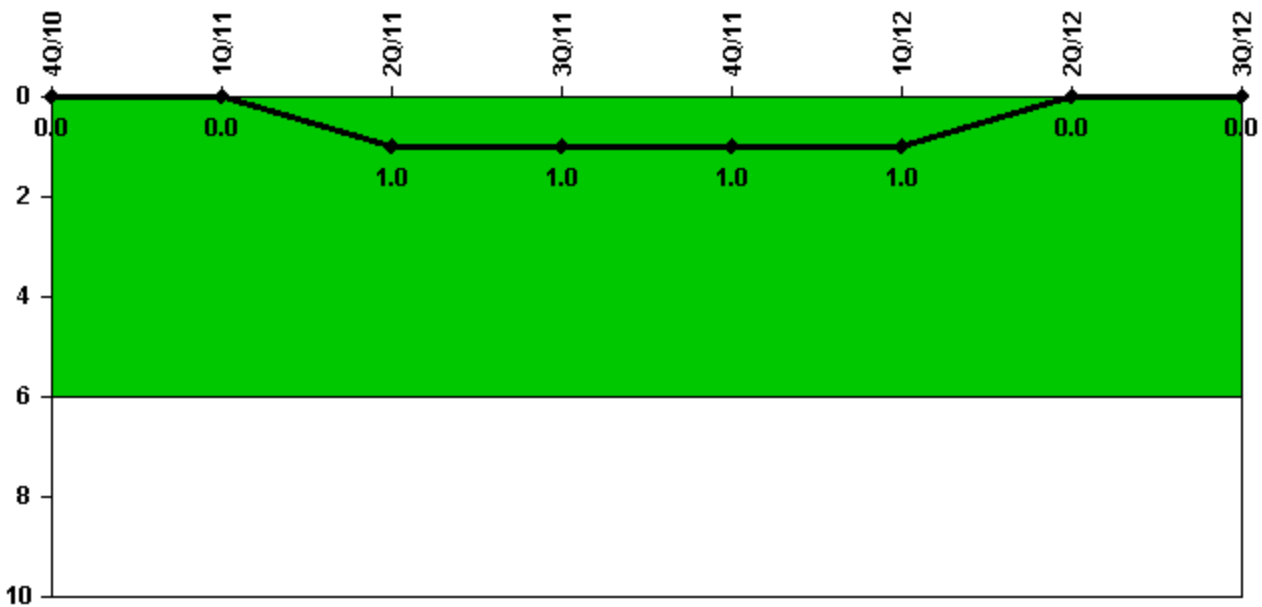
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

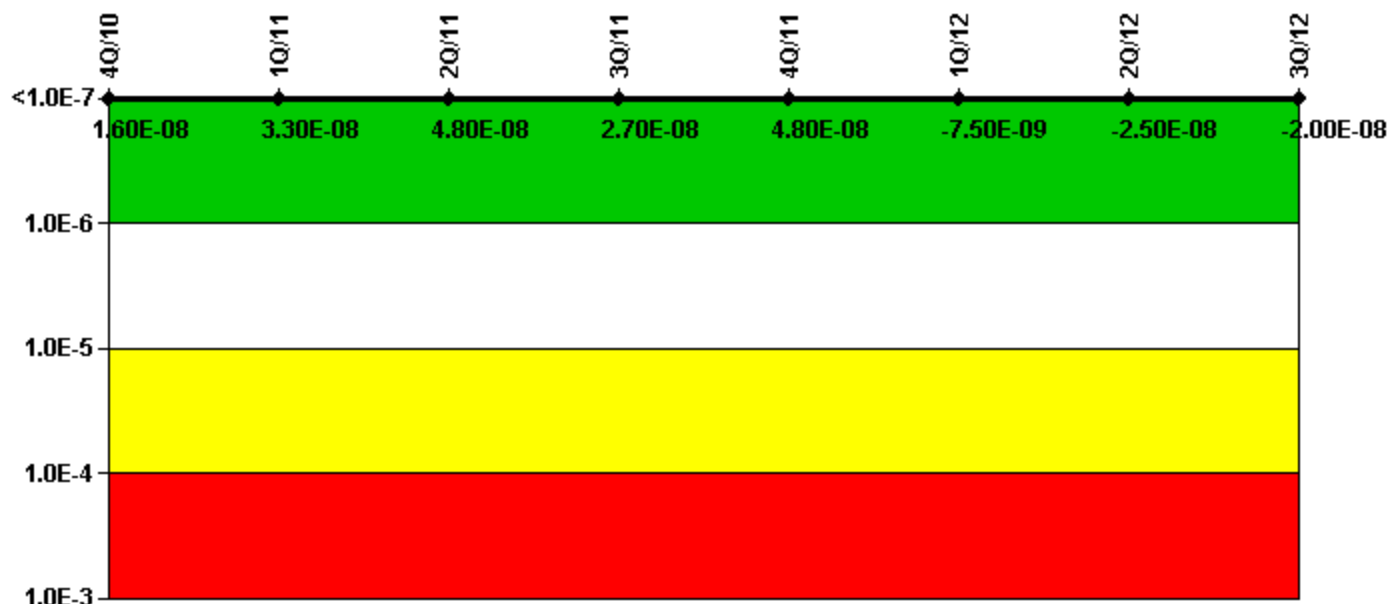
Notes

| Safety System Functional Failures (BWR) | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 |

Licensee Comments:

2Q/11: LER 2-11-01

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/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|---|-----------|----------|----------|-----------|----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.72E-08 | 3.57E-09 | 1.87E-08 | -1.01E-08 | 1.18E-08 | 1.08E-08 | -1.31E-09 | -9.34E-11 |
| URI (Δ CDF) | 3.36E-08 | 2.92E-08 | 2.96E-08 | 3.76E-08 | 3.59E-08 | -1.83E-08 | -2.36E-08 | -1.96E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.60E-08 | 3.30E-08 | 4.80E-08 | 2.70E-08 | 4.80E-08 | -7.50E-09 | -2.50E-08 | -2.00E-08 |

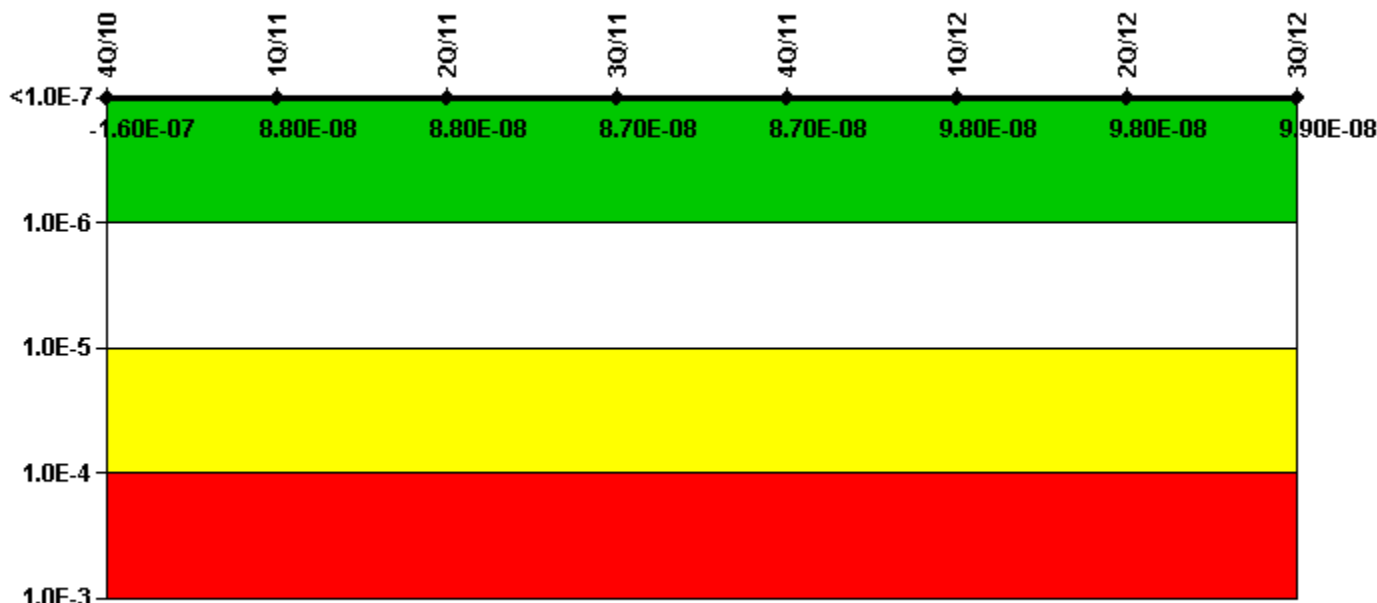
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -3.91E-08 | -2.80E-08 | -2.80E-08 | -2.84E-08 | -2.88E-08 | -1.70E-08 | -1.70E-08 | -1.63E-08 |
| URI (ΔCDF) | -1.25E-07 | 1.16E-07 | 1.16E-07 | 1.16E-07 | 1.16E-07 | 1.15E-07 | 1.15E-07 | 1.15E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.60E-07 | 8.80E-08 | 8.80E-08 | 8.70E-08 | 8.70E-08 | 9.80E-08 | 9.80E-08 | 9.90E-08 |

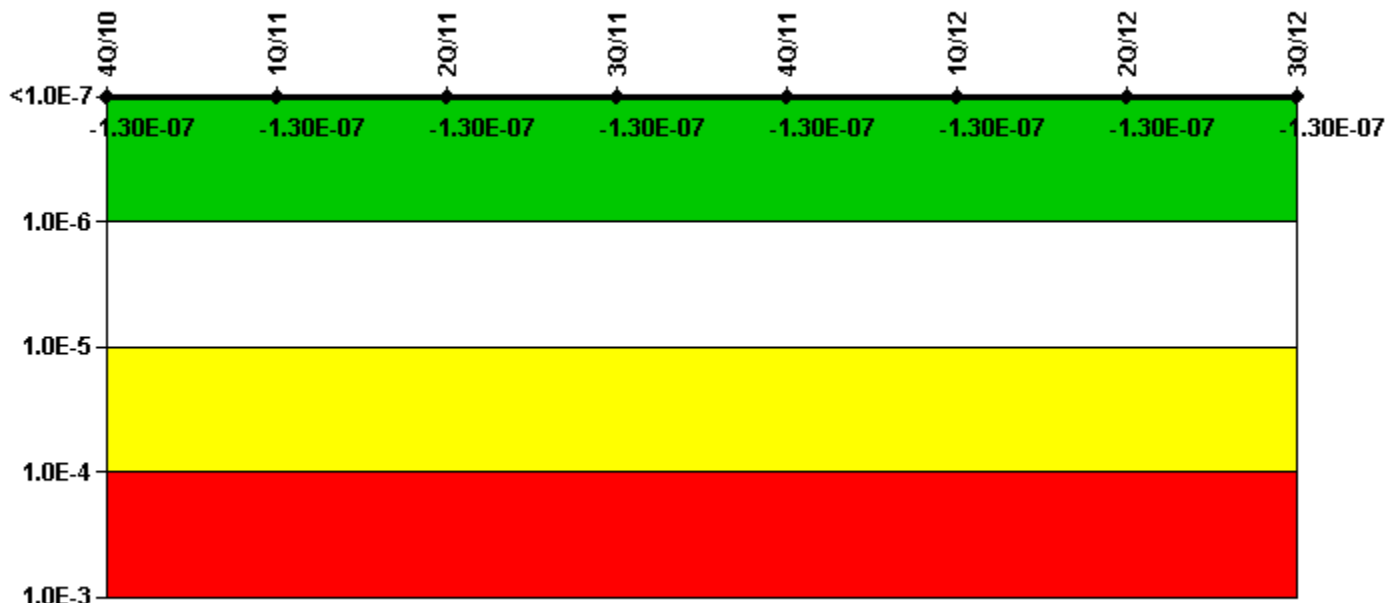
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -9.60E-08 | -9.63E-08 | -9.65E-08 | -9.68E-08 | -9.70E-08 | -9.73E-08 | -9.75E-08 | -9.77E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 |

Licensee Comments:

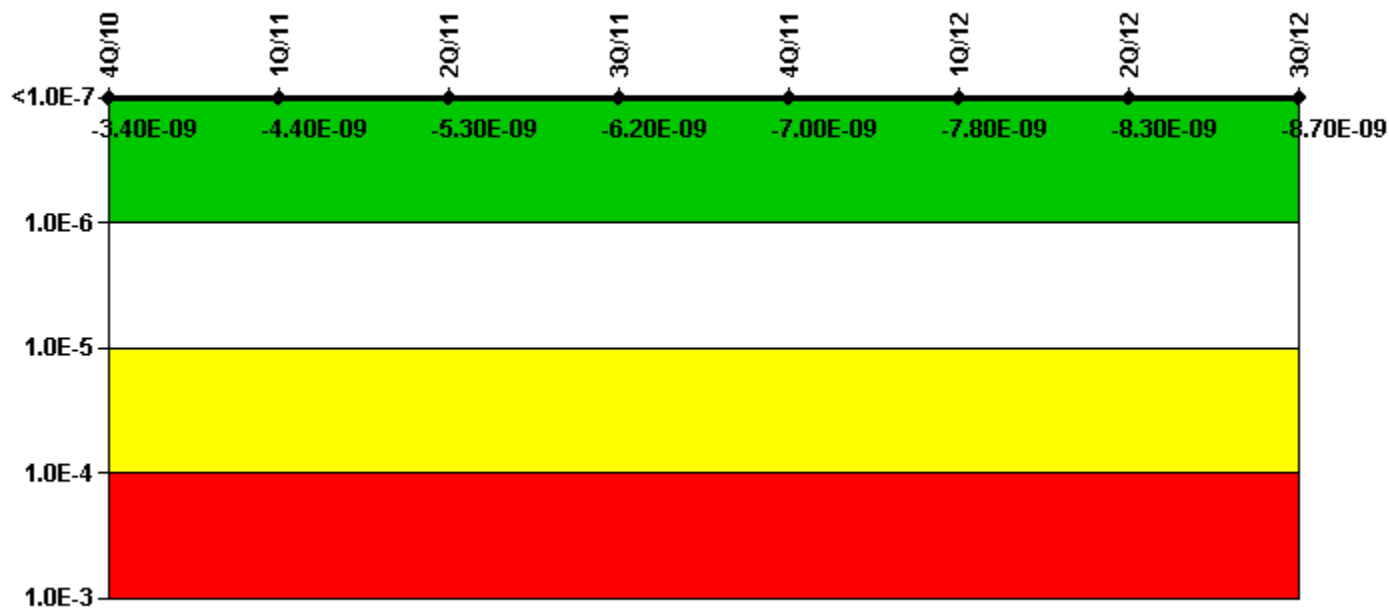
1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit

performance values have been updated as applicable effective 10/1/2010.

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/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.19E-10 | -2.17E-10 | -2.17E-10 | -3.09E-10 | -3.04E-10 | -3.04E-10 | -1.10E-10 | 8.40E-11 |
| URI (Δ CDF) | -3.21E-09 | -4.19E-09 | -5.09E-09 | -5.94E-09 | -6.72E-09 | -7.46E-09 | -8.14E-09 | -8.79E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.40E-09 | -4.40E-09 | -5.30E-09 | -6.20E-09 | -7.00E-09 | -7.80E-09 | -8.30E-09 | -8.70E-09 |

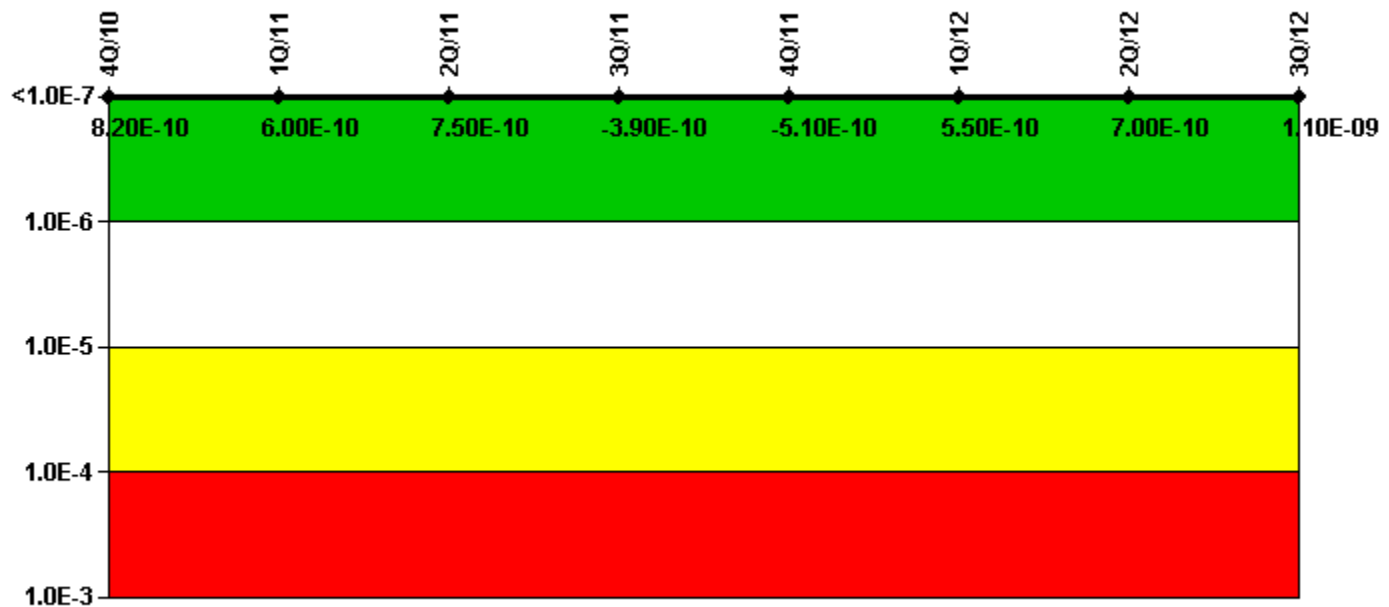
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

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/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 2.68E-09 | 2.45E-09 | 2.60E-09 | 1.46E-09 | 1.34E-09 | 2.40E-09 | 2.55E-09 | 2.93E-09 |
| URI (Δ CDF) | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 8.20E-10 | 6.00E-10 | 7.50E-10 | -3.90E-10 | -5.10E-10 | 5.50E-10 | 7.00E-10 | 1.10E-09 |

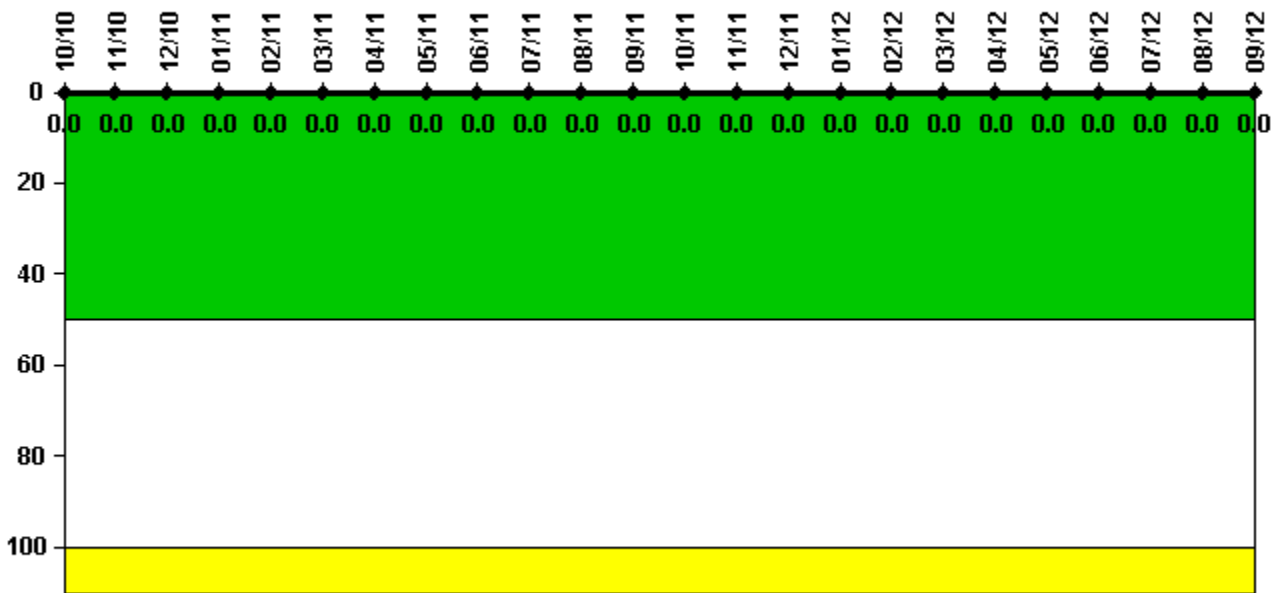
Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

4Q/10: Changed PRA Parameter(s). PBAPS PRA MODEL UPDATE for 2010 was effective Q4 2010. Update PB209A/P309A has been incorporated into Revision 5 of the station MSPI Bases Document. All impacted Unit performance values have been updated as applicable effective 10/1/2010.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

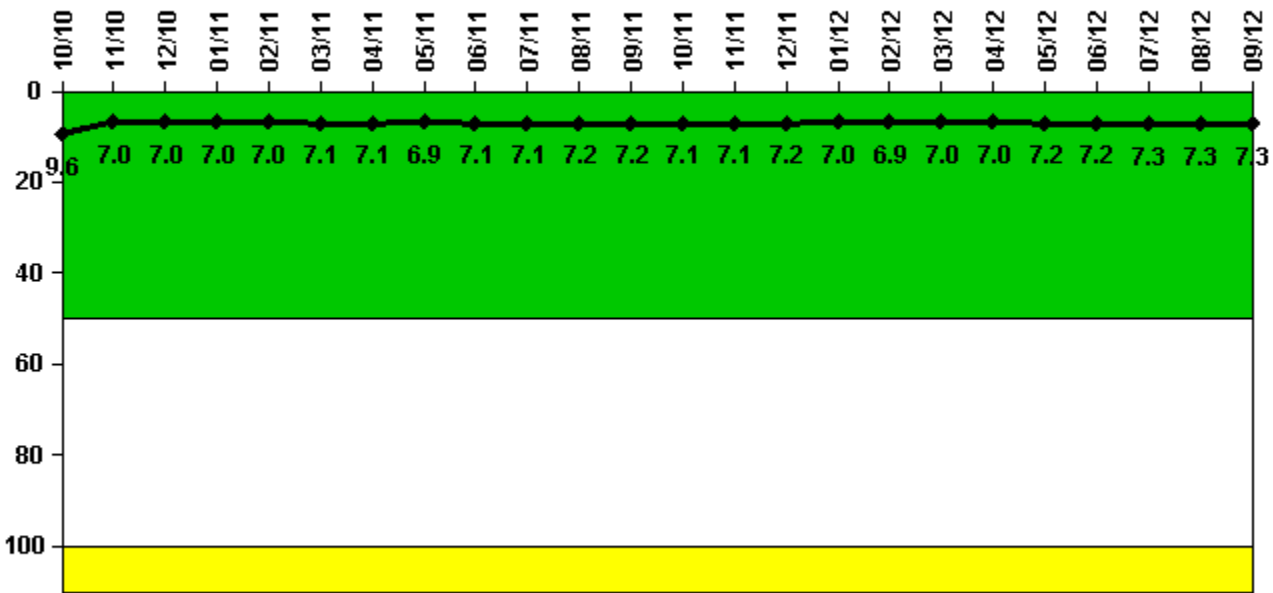
Notes

| Reactor Coolant System Activity | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000024 | 0.000021 | 0.000022 | 0.000022 | 0.000029 | 0.000061 | 0.000022 | 0.000023 | 0.000023 | 0.000025 | 0.000024 | 0.000022 |
| 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 | 10/11 | 11/11 | 12/11 | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000027 | 0.000023 | 0.000022 | 0.000022 | 0.000020 | 0.000027 | 0.000020 | 0.000020 | 0.000020 | 0.000024 | 0.000021 | 0.000020 |
| 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

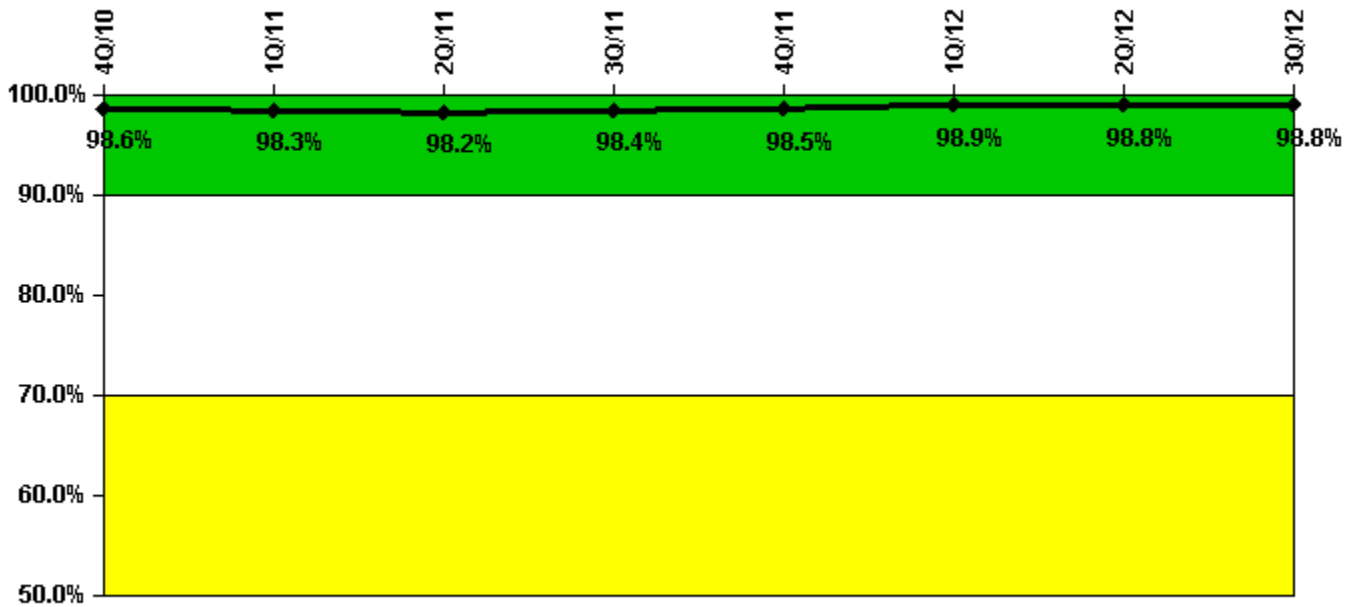
| Reactor Coolant System Leakage | 10/10 | 11/10 | 12/10 | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum leakage | 2.400 | 1.750 | 1.740 | 1.740 | 1.740 | 1.780 | 1.780 | 1.720 | 1.780 | 1.780 | 1.790 | 1.790 |
| 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 | 9.6 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.1 | 6.9 | 7.1 | 7.1 | 7.2 | 7.2 |

| Reactor Coolant System Leakage | 10/11 | 11/11 | 12/11 | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.780 | 1.780 | 1.790 | 1.740 | 1.720 | 1.750 | 1.750 | 1.790 | 1.810 | 1.820 | 1.820 | 1.820 |
| 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 | 7.1 | 7.1 | 7.2 | 7.0 | 6.9 | 7.0 | 7.0 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

Licensee Comments: none

Drill/Exercise Performance



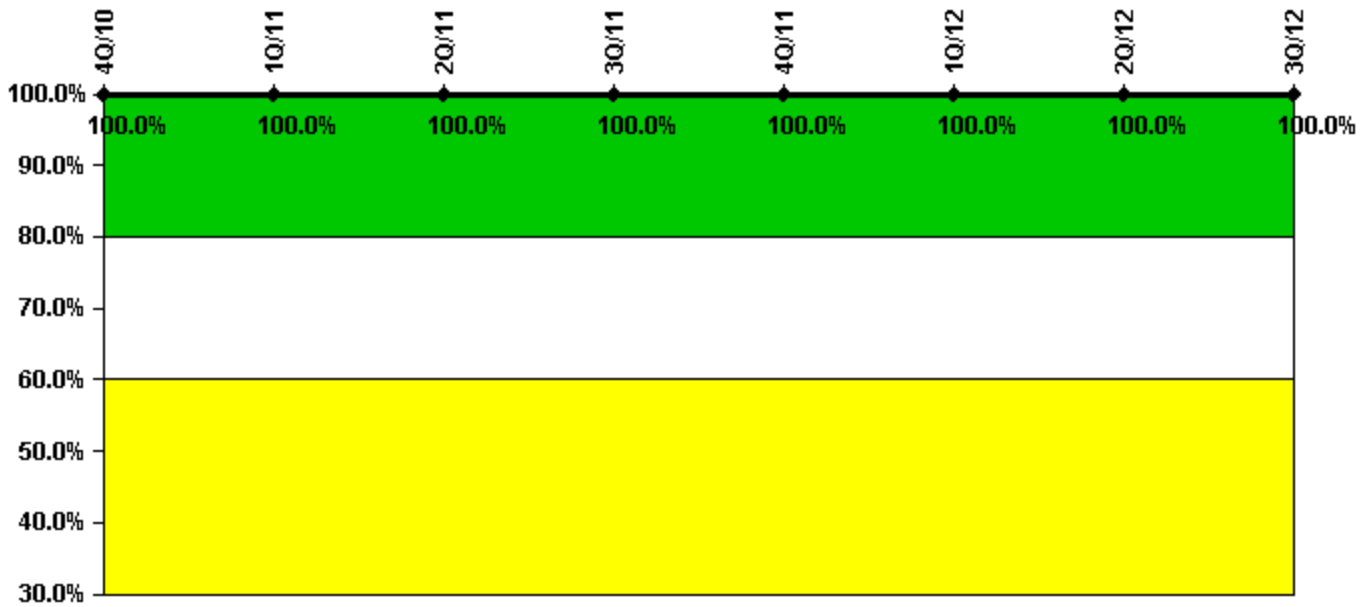
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 28.0 | 70.0 | 26.0 | 19.0 | 36.0 | 93.0 | 32.0 | 15.0 |
| Total opportunities | 28.0 | 73.0 | 27.0 | 19.0 | 36.0 | 93.0 | 32.0 | 15.0 |
| Indicator value | 98.6% | 98.3% | 98.2% | 98.4% | 98.5% | 98.9% | 98.8% | 98.8% |

Licensee Comments: none

ERO Drill Participation



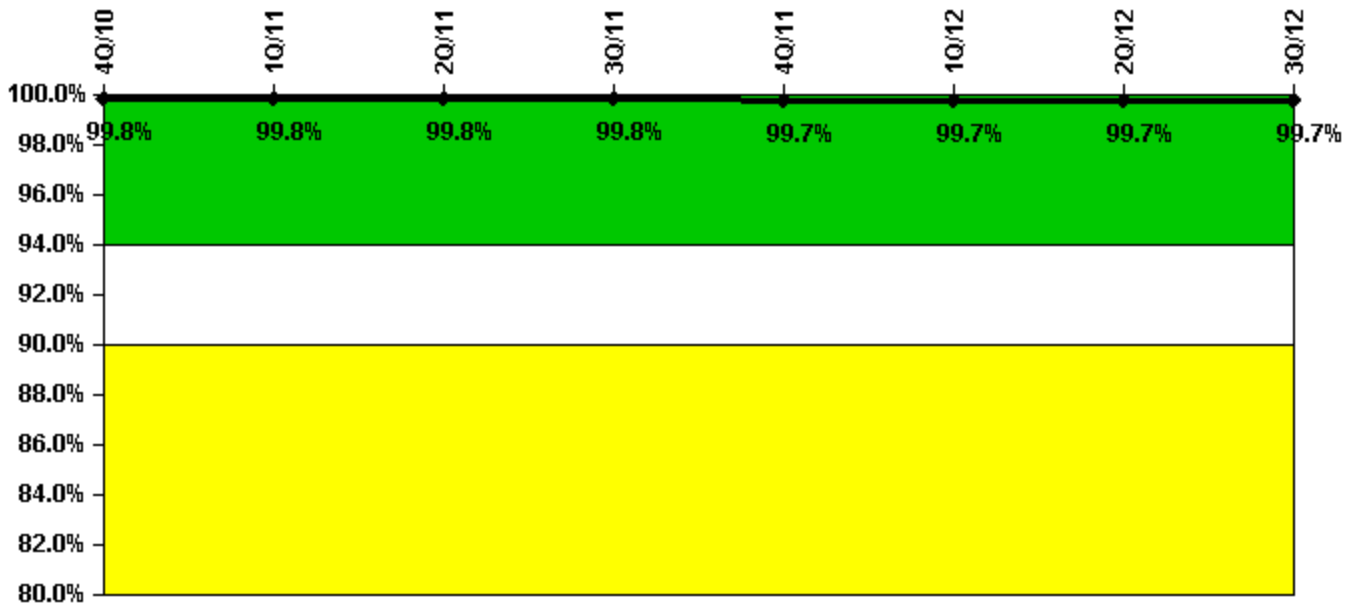
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 67.0 | 66.0 | 67.0 | 61.0 | 67.0 | 71.0 | 72.0 | 74.0 |
| Total Key personnel | 67.0 | 66.0 | 67.0 | 61.0 | 67.0 | 71.0 | 72.0 | 74.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



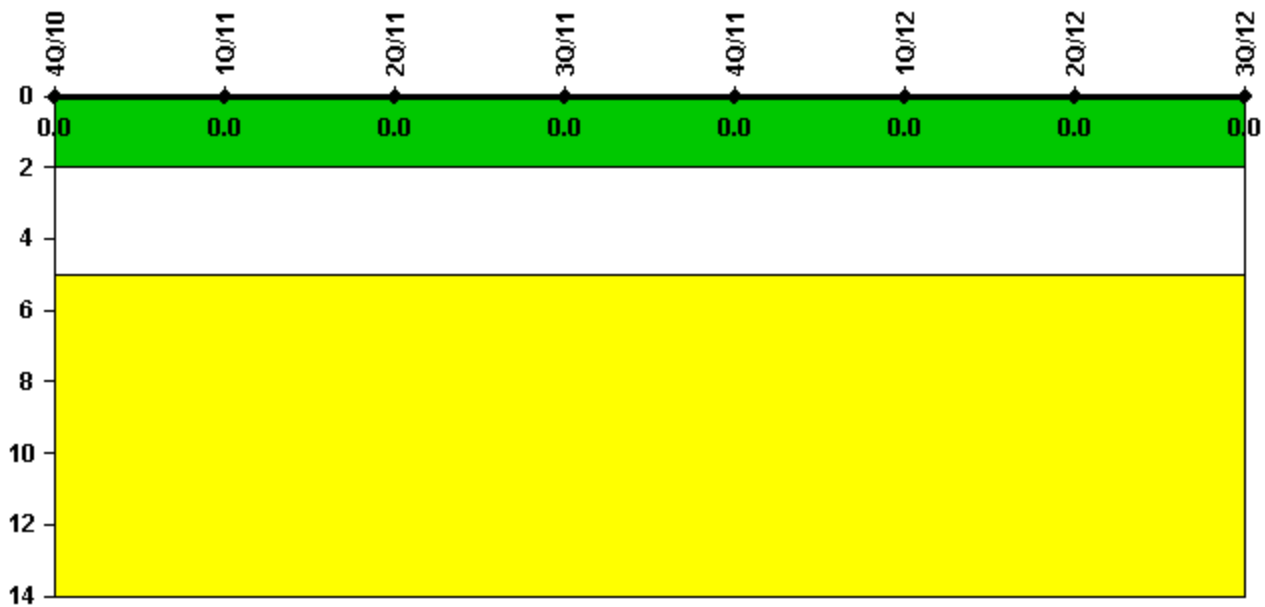
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1259 | 1260 | 1259 | 1254 | 1257 | 1258 | 1258 | 1257 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 99.8% | 99.8% | 99.8% | 99.8% | 99.7% | 99.7% | 99.7% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



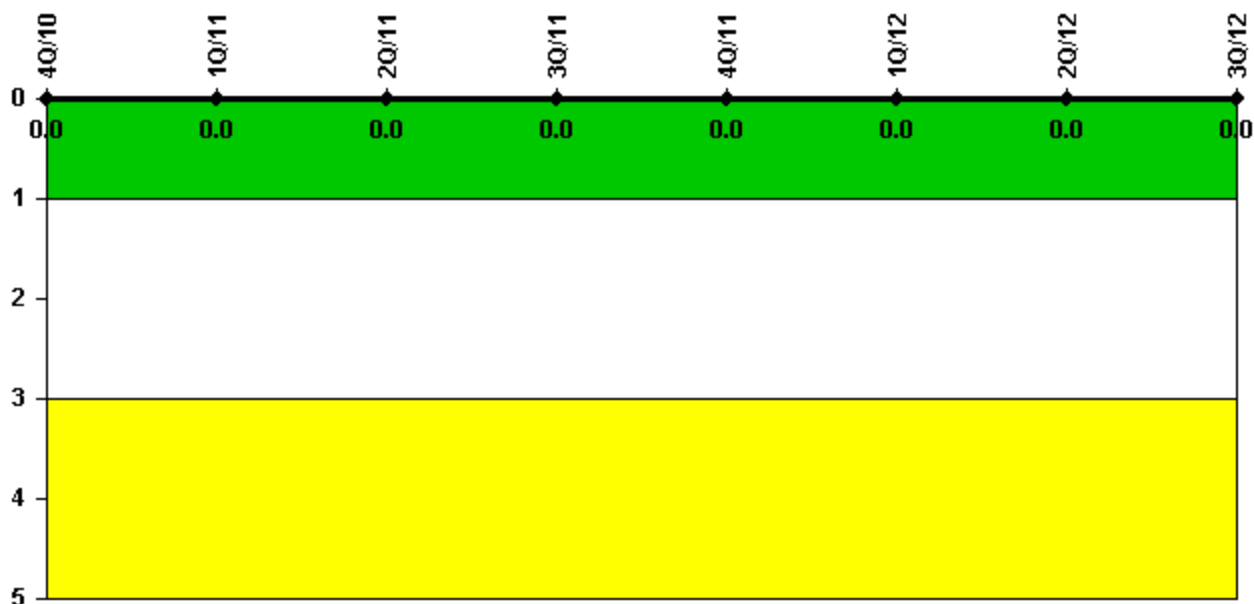
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/10 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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](#)

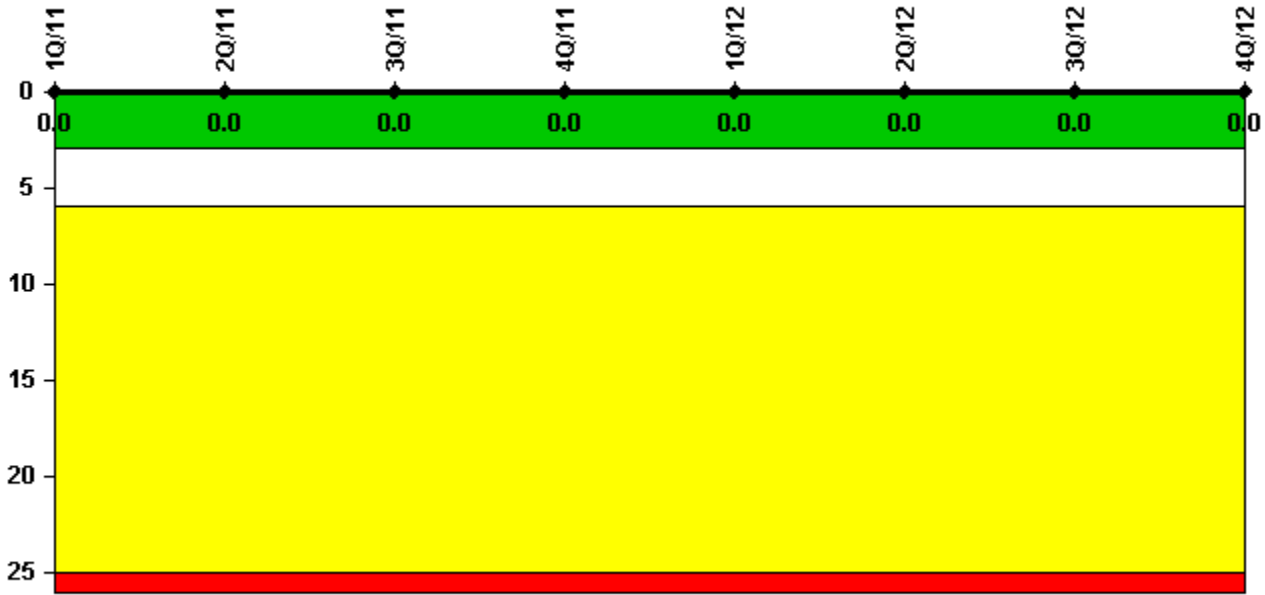
Last Modified: October 24, 2012

Peach Bottom 2

4Q/2012 Performance Indicators

Licensee's General Comments: PBAPS MSPI Basis Document, Rev 7 update for 2012 effective Q4 2012

Unplanned Scrams per 7000 Critical Hrs



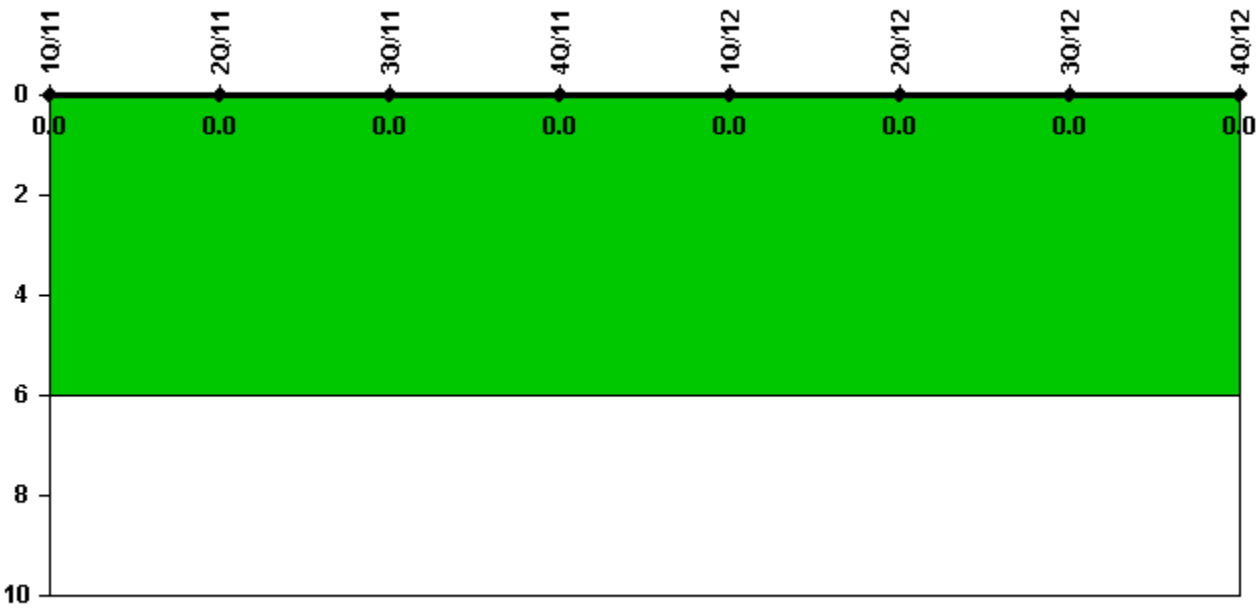
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1701.9 | 1797.6 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



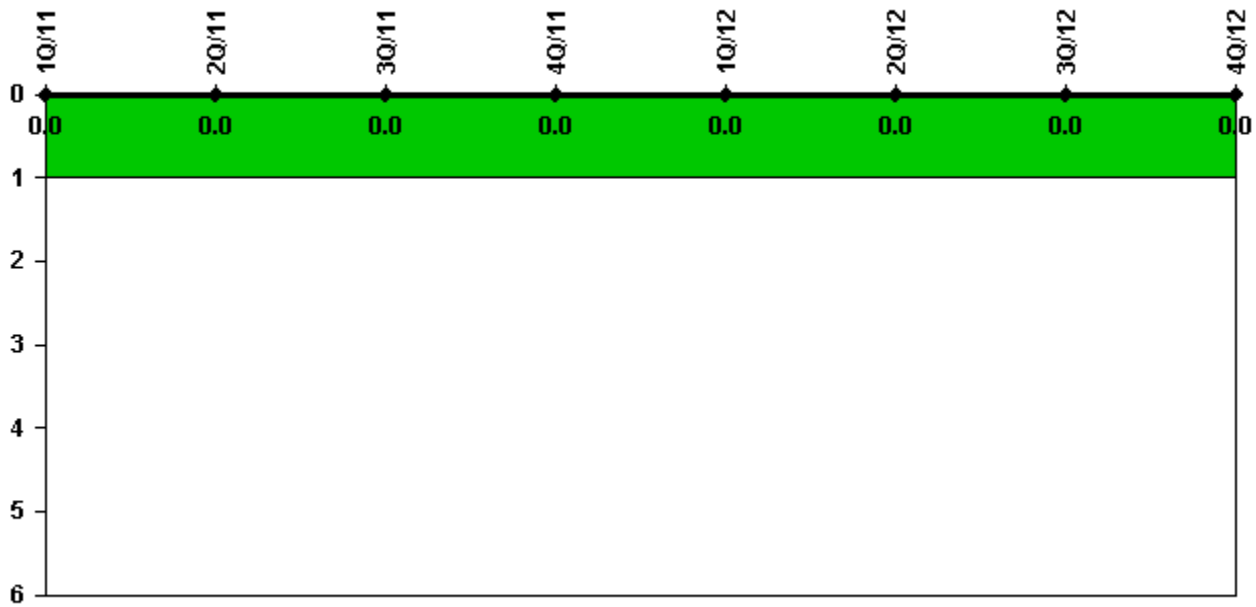
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1701.9 | 1797.6 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



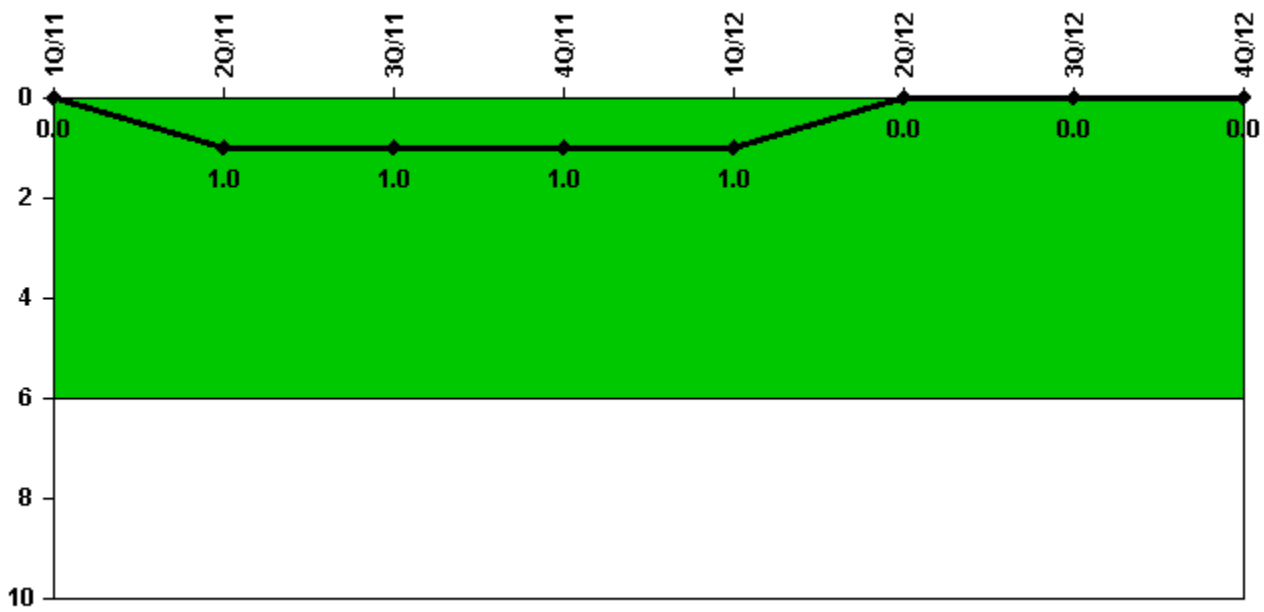
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

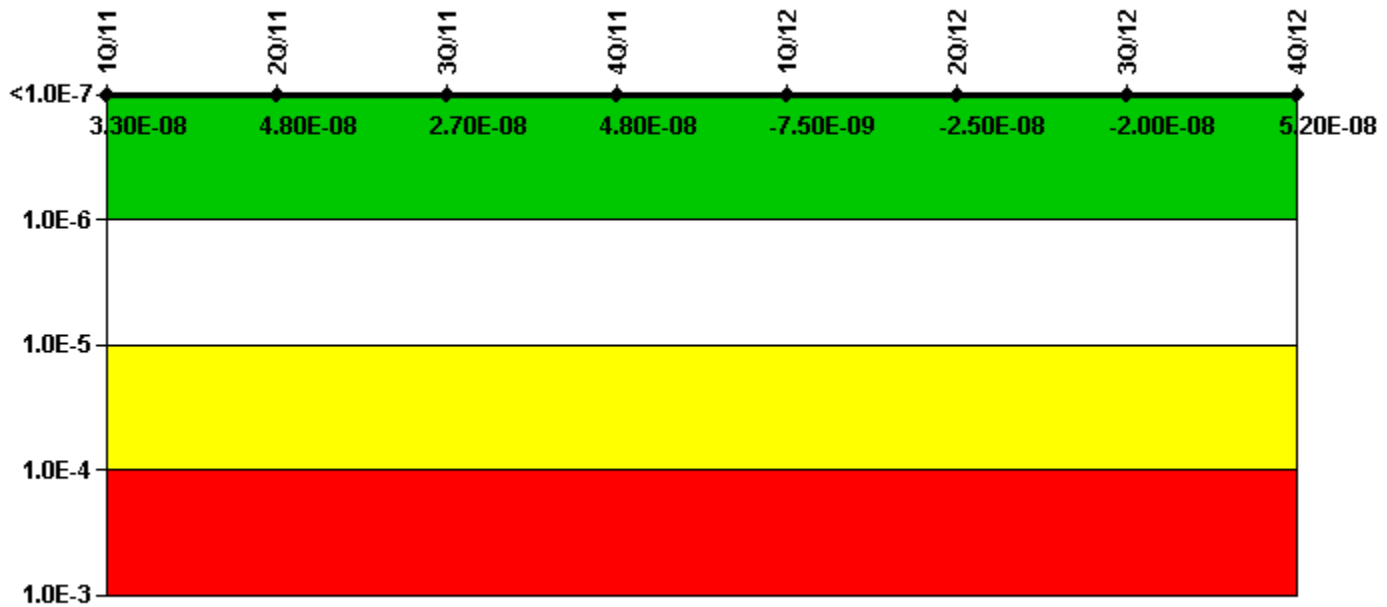
Notes

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

Licensee Comments:

2Q/11: LER 2-11-01

Mitigating Systems Performance Index, Emergency AC Power System



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

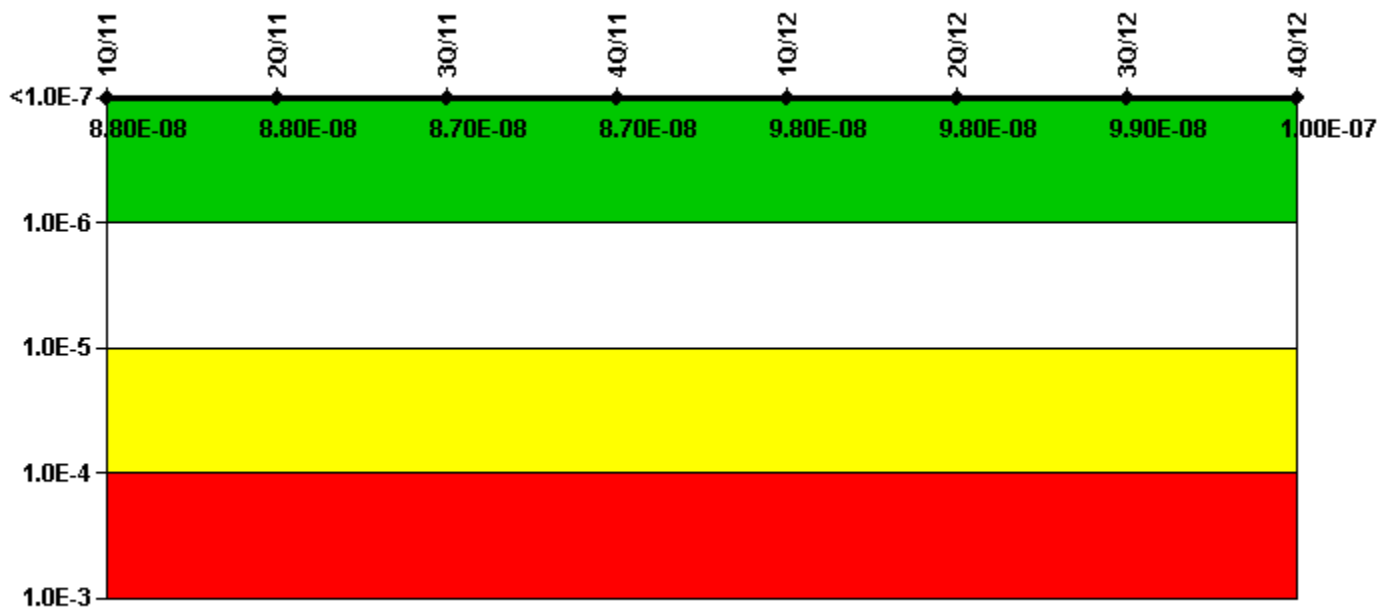
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---|----------|----------|-----------|----------|-----------|-----------|-----------|----------|
| UAI (Δ CDF) | 3.57E-09 | 1.87E-08 | -1.01E-08 | 1.18E-08 | 1.08E-08 | -1.31E-09 | -9.34E-11 | 7.10E-09 |
| URI (Δ CDF) | 2.92E-08 | 2.96E-08 | 3.76E-08 | 3.59E-08 | -1.83E-08 | -2.36E-08 | -1.96E-08 | 4.52E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 3.30E-08 | 4.80E-08 | 2.70E-08 | 4.80E-08 | -7.50E-09 | -2.50E-08 | -2.00E-08 | 5.20E-08 |

Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

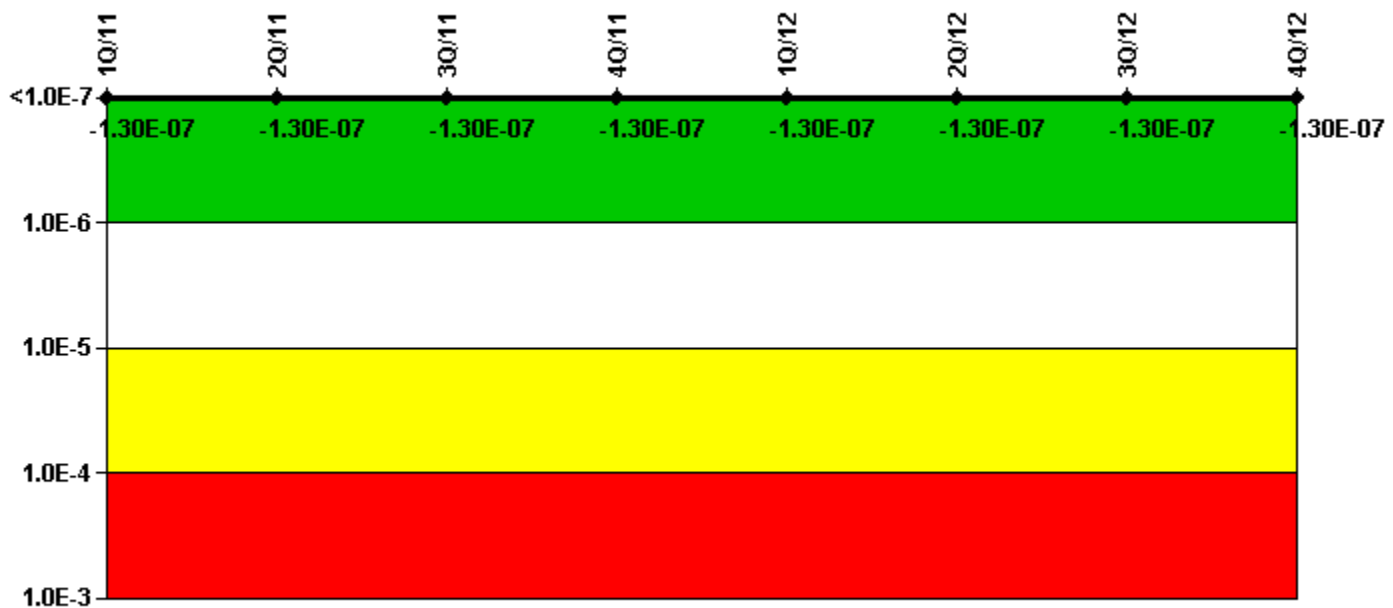
| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -2.80E-08 | -2.80E-08 | -2.84E-08 | -2.88E-08 | -1.70E-08 | -1.70E-08 | -1.63E-08 | -1.57E-08 |
| URI (ΔCDF) | 1.16E-07 | 1.16E-07 | 1.16E-07 | 1.16E-07 | 1.15E-07 | 1.15E-07 | 1.15E-07 | 1.20E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 8.80E-08 | 8.80E-08 | 8.70E-08 | 8.70E-08 | 9.80E-08 | 9.80E-08 | 9.90E-08 | 1.00E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

Mitigating Systems Performance Index, Heat Removal System



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

Notes

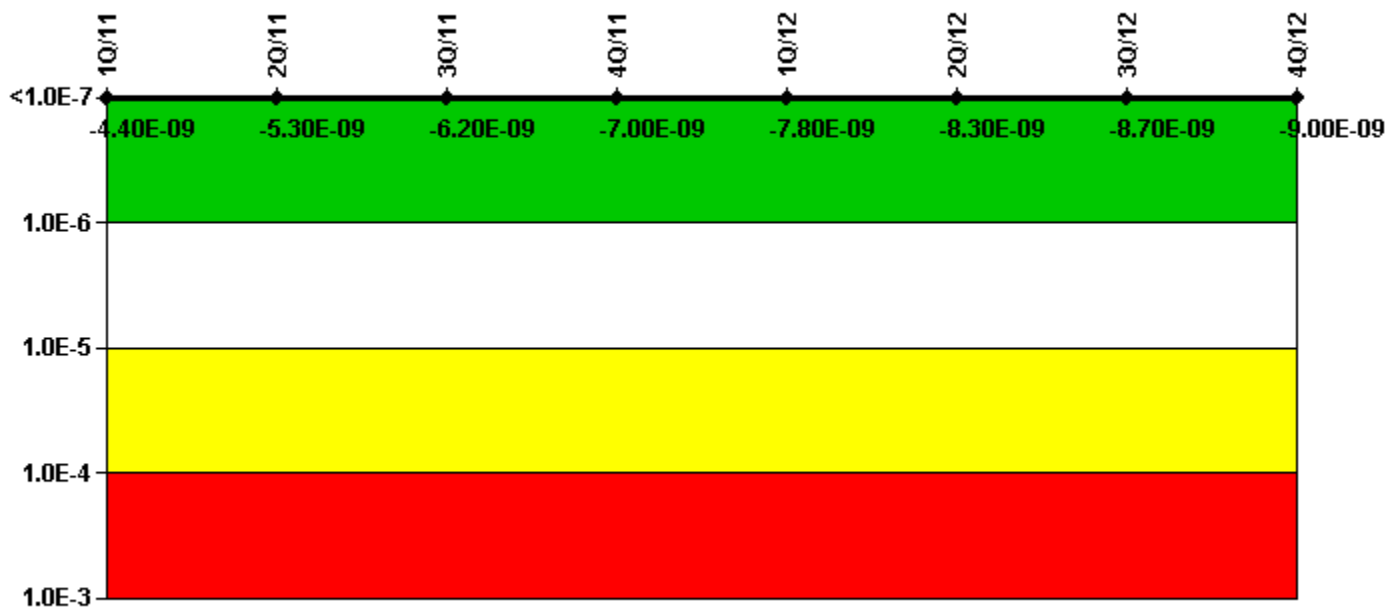
| Mitigating Systems Performance Index, Heat Removal System | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -9.63E-08 | -9.65E-08 | -9.68E-08 | -9.70E-08 | -9.73E-08 | -9.75E-08 | -9.77E-08 | -9.66E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

Mitigating Systems Performance Index, Residual Heat Removal System



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

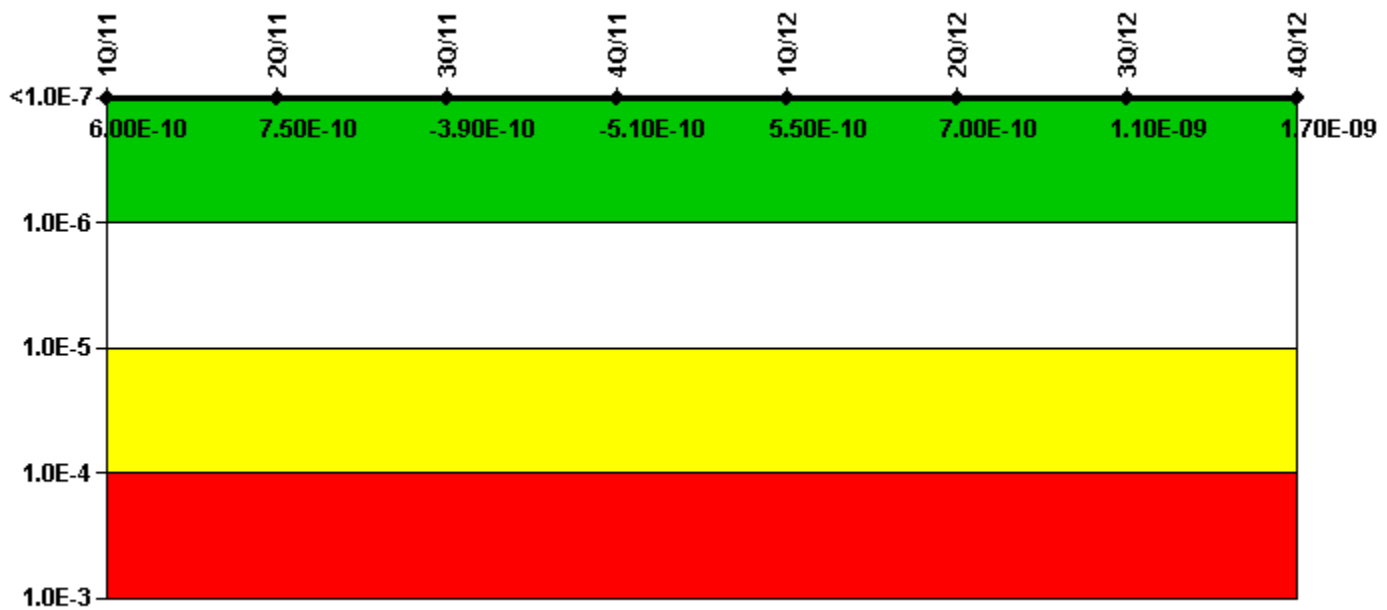
Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.17E-10 | -2.17E-10 | -3.09E-10 | -3.04E-10 | -3.04E-10 | -1.10E-10 | 8.40E-11 | 3.87E-10 |
| URI (Δ CDF) | -4.19E-09 | -5.09E-09 | -5.94E-09 | -6.72E-09 | -7.46E-09 | -8.14E-09 | -8.79E-09 | -9.39E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -4.40E-09 | -5.30E-09 | -6.20E-09 | -7.00E-09 | -7.80E-09 | -8.30E-09 | -8.70E-09 | -9.00E-09 |

Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

Mitigating Systems Performance Index, Cooling Water Systems



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

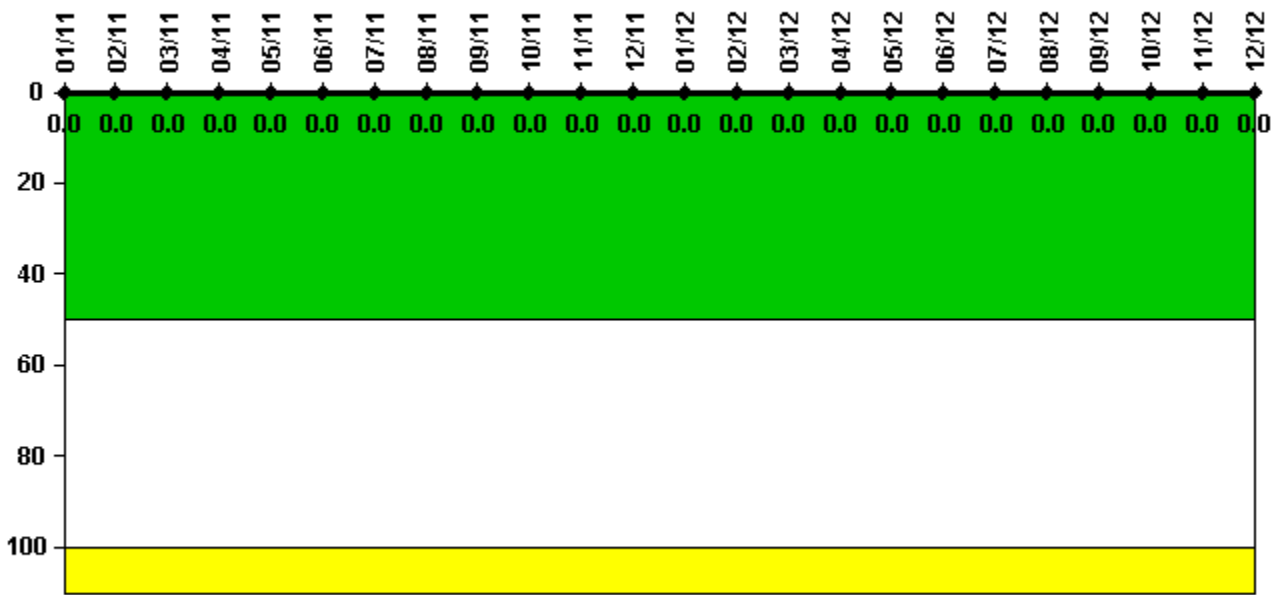
Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 2.45E-09 | 2.60E-09 | 1.46E-09 | 1.34E-09 | 2.40E-09 | 2.55E-09 | 2.93E-09 | 3.52E-09 |
| URI (Δ CDF) | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 6.00E-10 | 7.50E-10 | -3.90E-10 | -5.10E-10 | 5.50E-10 | 7.00E-10 | 1.10E-09 | 1.70E-09 |

Licensee Comments:

1Q/11: Changed PRA Parameter(s). MSPI basis document revision 5 incorporates PRA updates for PBAPS U2 and U3 completed in the 3rd qtr 2010. MSPI PRA values for all impacted functions, device records and unit CDF have been revised IAW the values calculated in PB209A for U2 and PB309A for U3, respectively.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

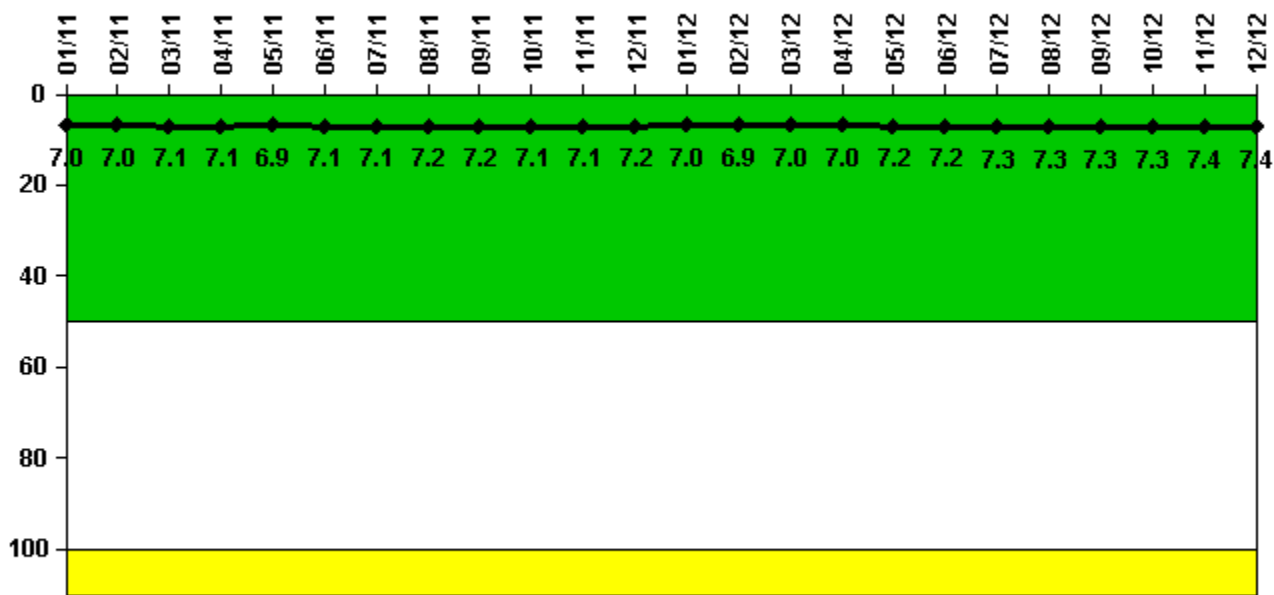
Notes

| Reactor Coolant System Activity | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000022 | 0.000029 | 0.000061 | 0.000022 | 0.000023 | 0.000023 | 0.000025 | 0.000024 | 0.000022 | 0.000027 | 0.000023 | 0.000022 |
| 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 | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000022 | 0.000020 | 0.000027 | 0.000020 | 0.000020 | 0.000020 | 0.000024 | 0.000021 | 0.000020 | 0.000021 | 0.000017 | 0.000016 |
| 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

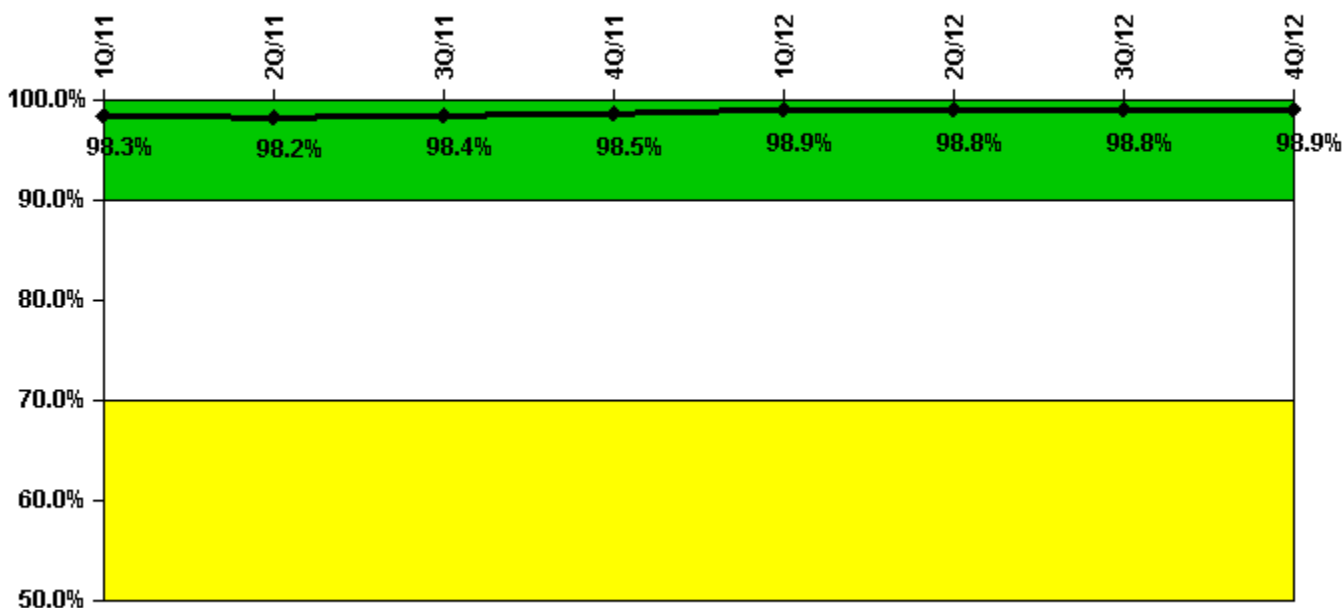
Notes

| Reactor Coolant System Leakage | 1/11 | 2/11 | 3/11 | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.740 | 1.740 | 1.780 | 1.780 | 1.720 | 1.780 | 1.780 | 1.790 | 1.790 | 1.780 | 1.780 | 1.790 |
| 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 | 7.0 | 7.0 | 7.1 | 7.1 | 6.9 | 7.1 | 7.1 | 7.2 | 7.2 | 7.1 | 7.1 | 7.2 |

| Reactor Coolant System Leakage | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.740 | 1.720 | 1.750 | 1.750 | 1.790 | 1.810 | 1.820 | 1.820 | 1.820 | 1.830 | 1.860 | 1.850 |
| 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 | 7.0 | 6.9 | 7.0 | 7.0 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.3 | 7.4 | 7.4 |

Licensee Comments: none

Drill/Exercise Performance



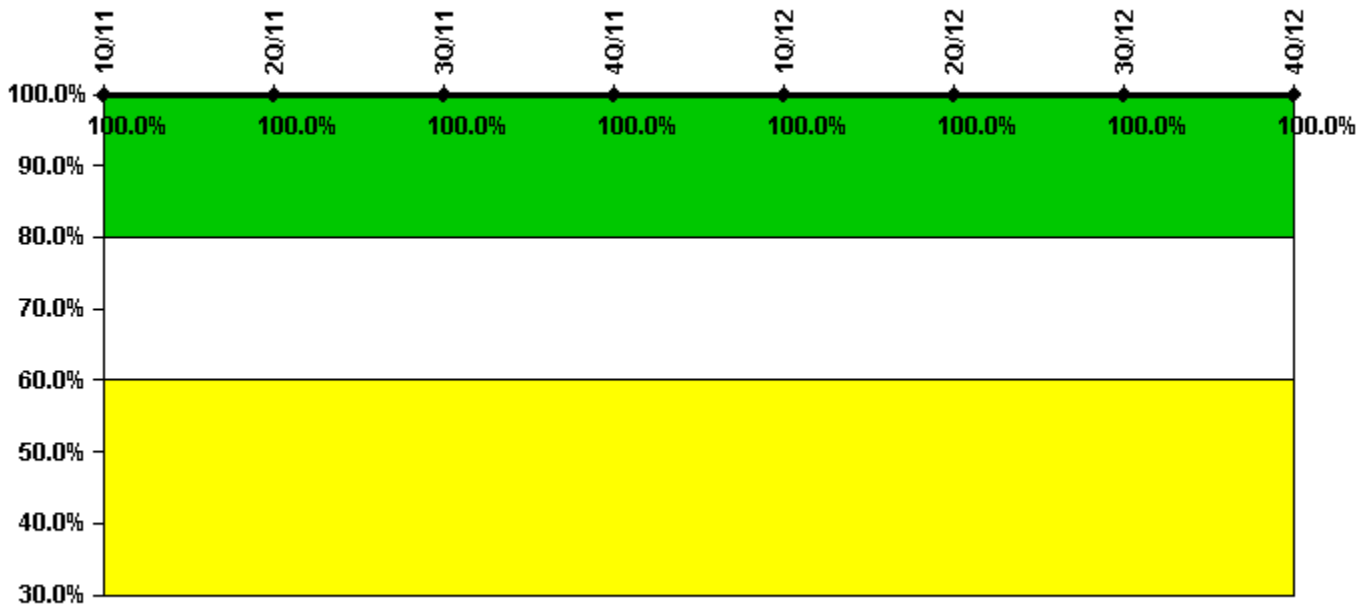
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 70.0 | 26.0 | 19.0 | 36.0 | 93.0 | 32.0 | 15.0 | 57.0 |
| Total opportunities | 73.0 | 27.0 | 19.0 | 36.0 | 93.0 | 32.0 | 15.0 | 57.0 |
| | | | | | | | | |
| Indicator value | 98.3% | 98.2% | 98.4% | 98.5% | 98.9% | 98.8% | 98.8% | 98.9% |

Licensee Comments: none

ERO Drill Participation



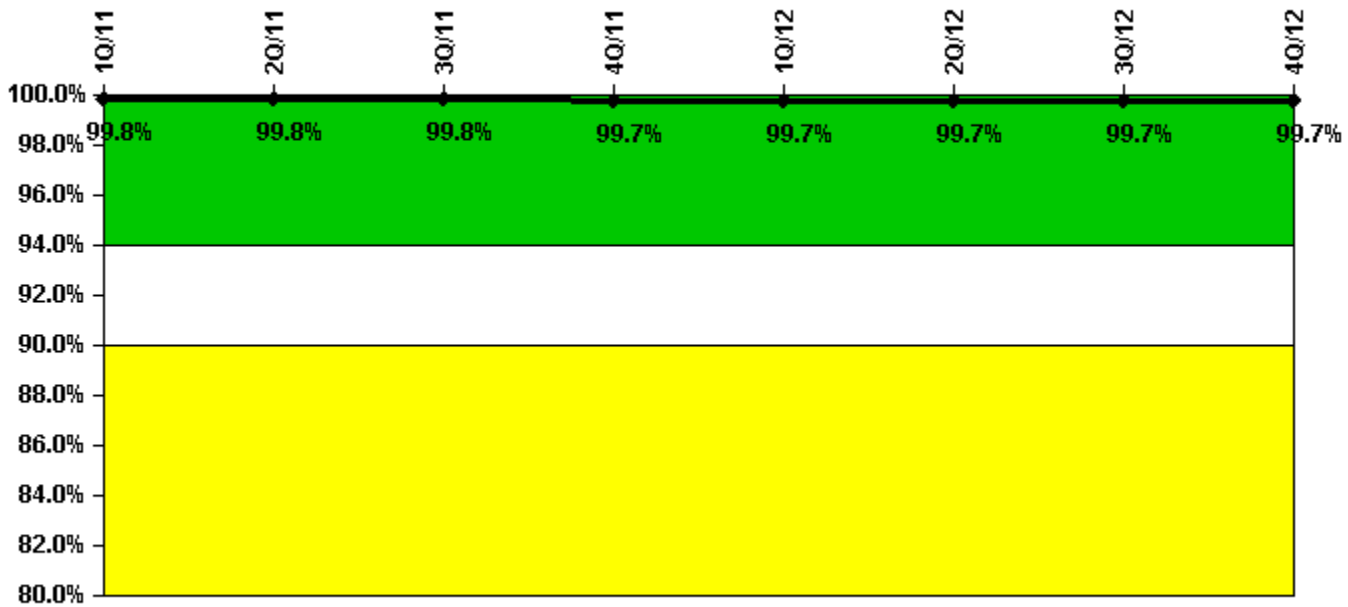
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 66.0 | 67.0 | 61.0 | 67.0 | 71.0 | 72.0 | 74.0 | 77.0 |
| Total Key personnel | 66.0 | 67.0 | 61.0 | 67.0 | 71.0 | 72.0 | 74.0 | 77.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



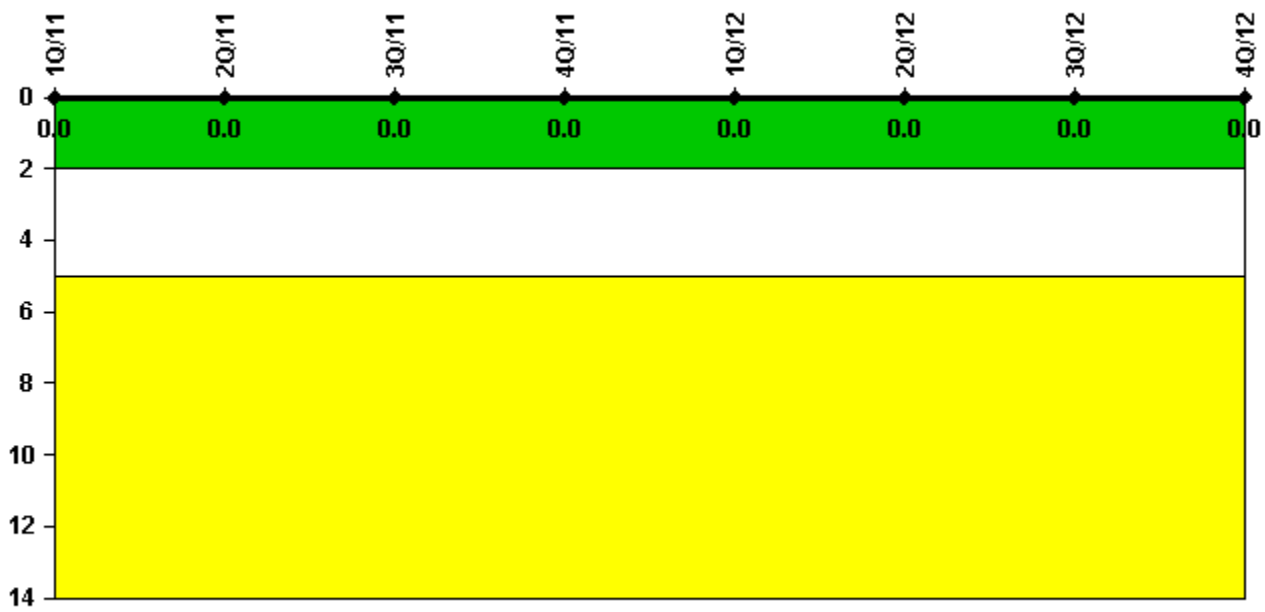
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1260 | 1259 | 1254 | 1257 | 1258 | 1258 | 1257 | 1249 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1255 |
| Indicator value | 99.8% | 99.8% | 99.8% | 99.7% | 99.7% | 99.7% | 99.7% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



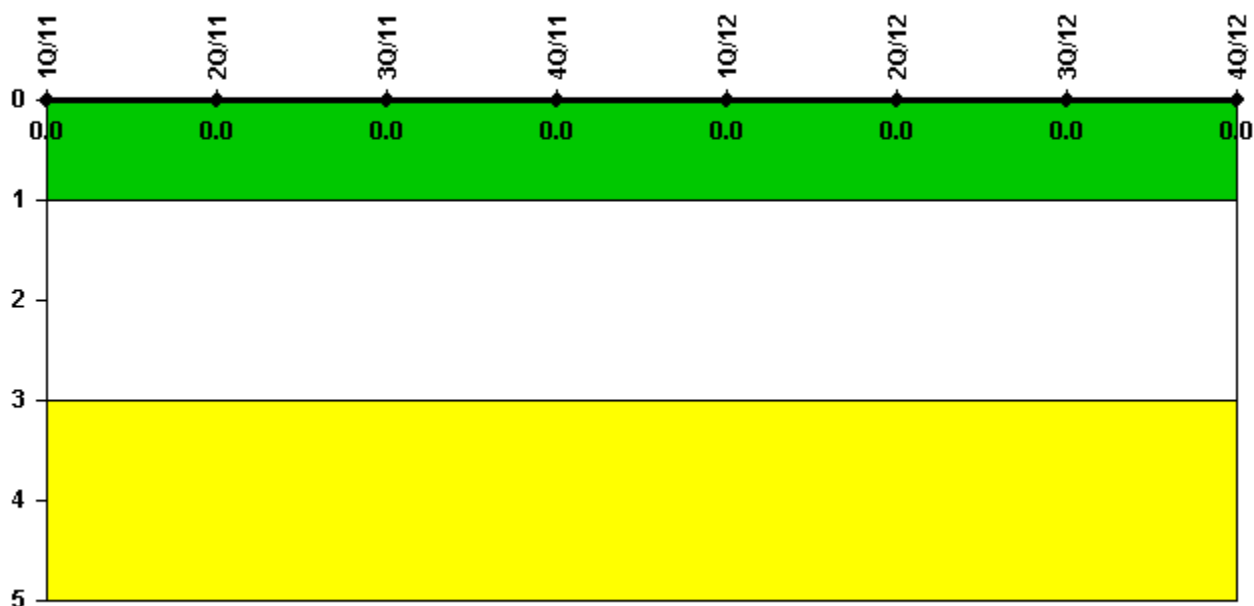
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1Q/11 | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

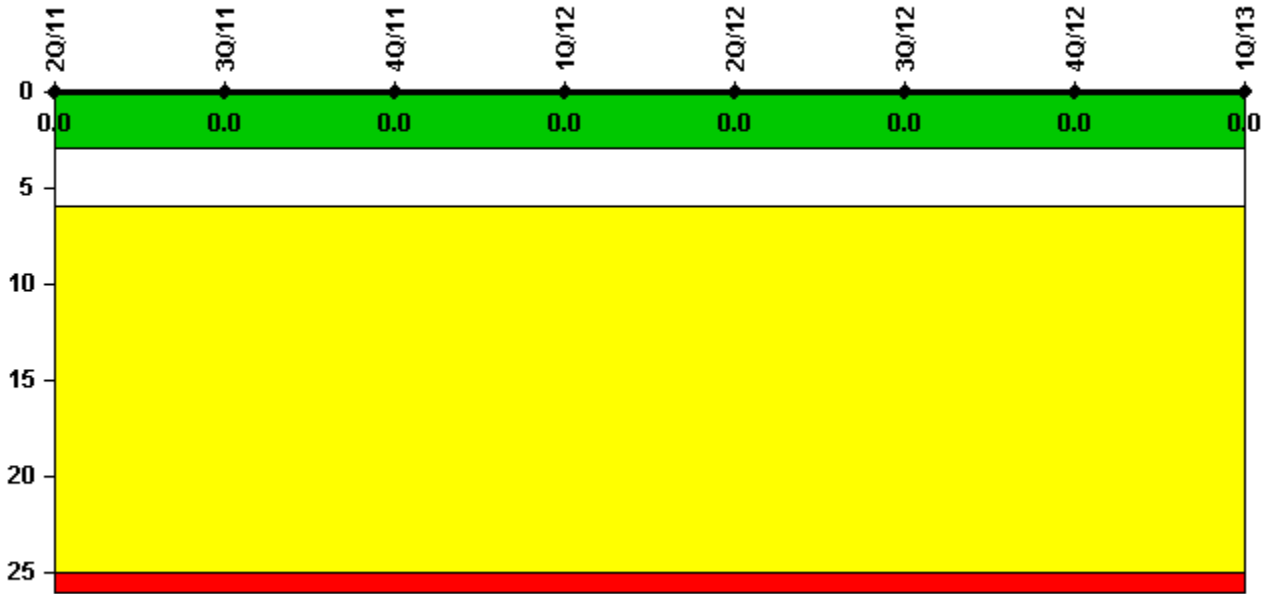
Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information 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.

Peach Bottom 2

1Q/2013 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



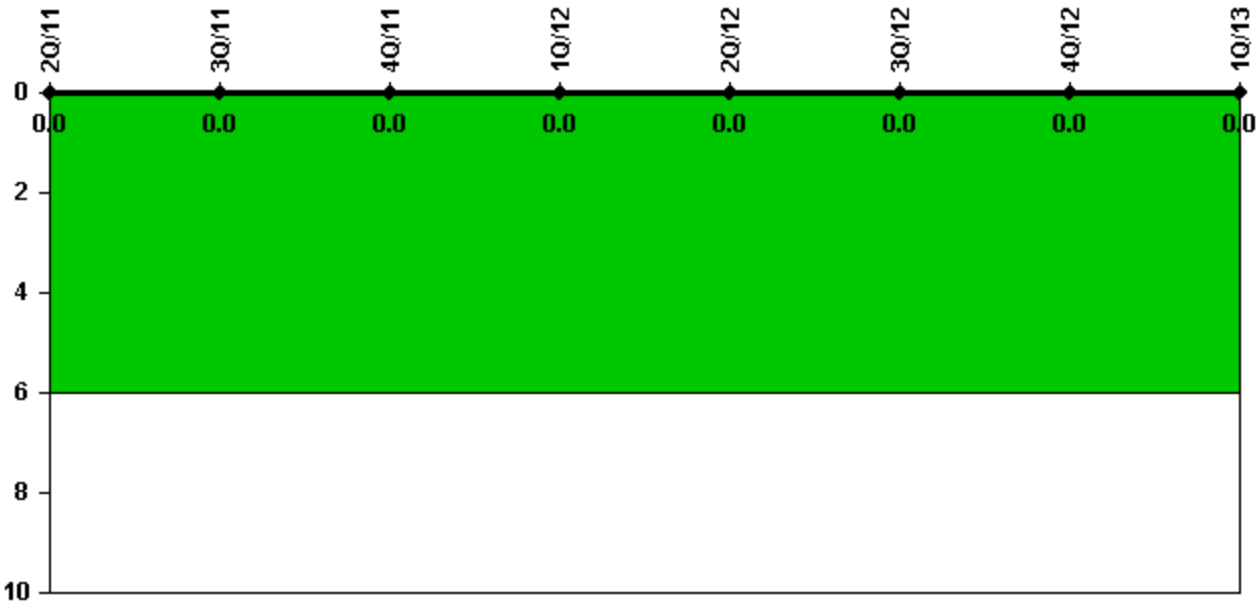
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1701.9 | 1797.6 | 2159.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



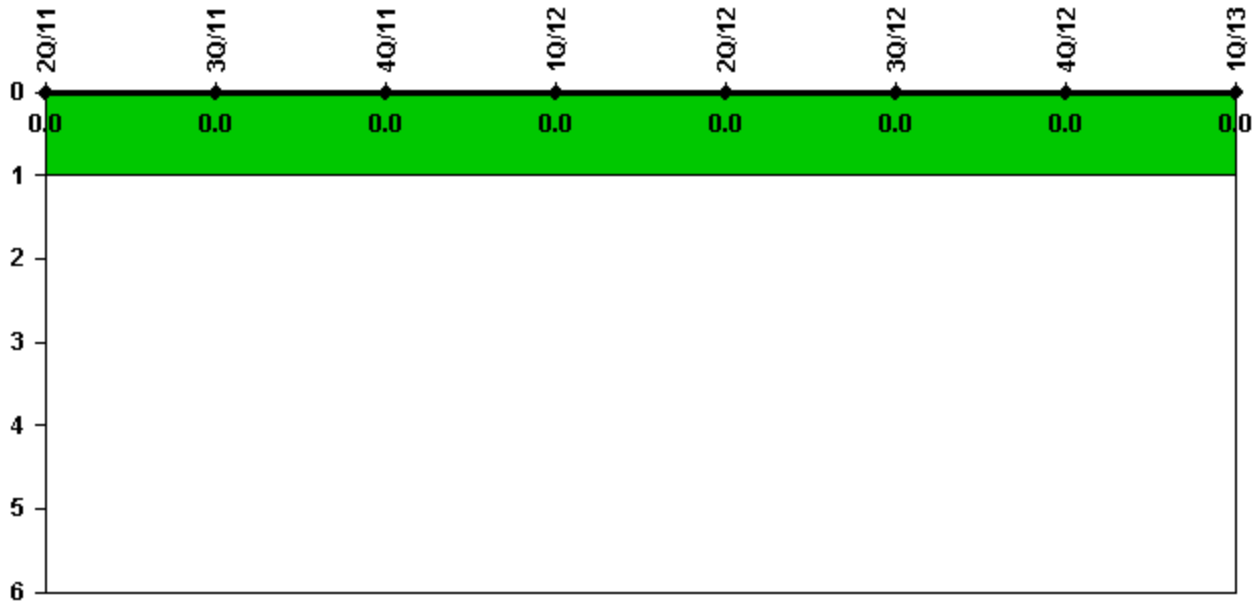
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1701.9 | 1797.6 | 2159.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



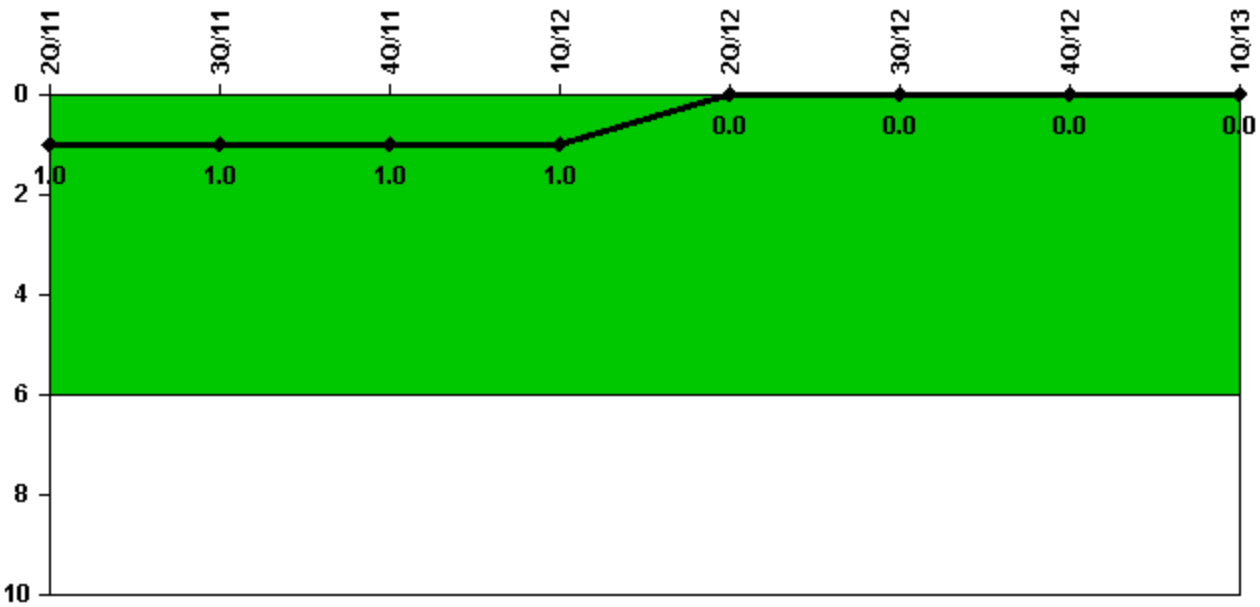
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

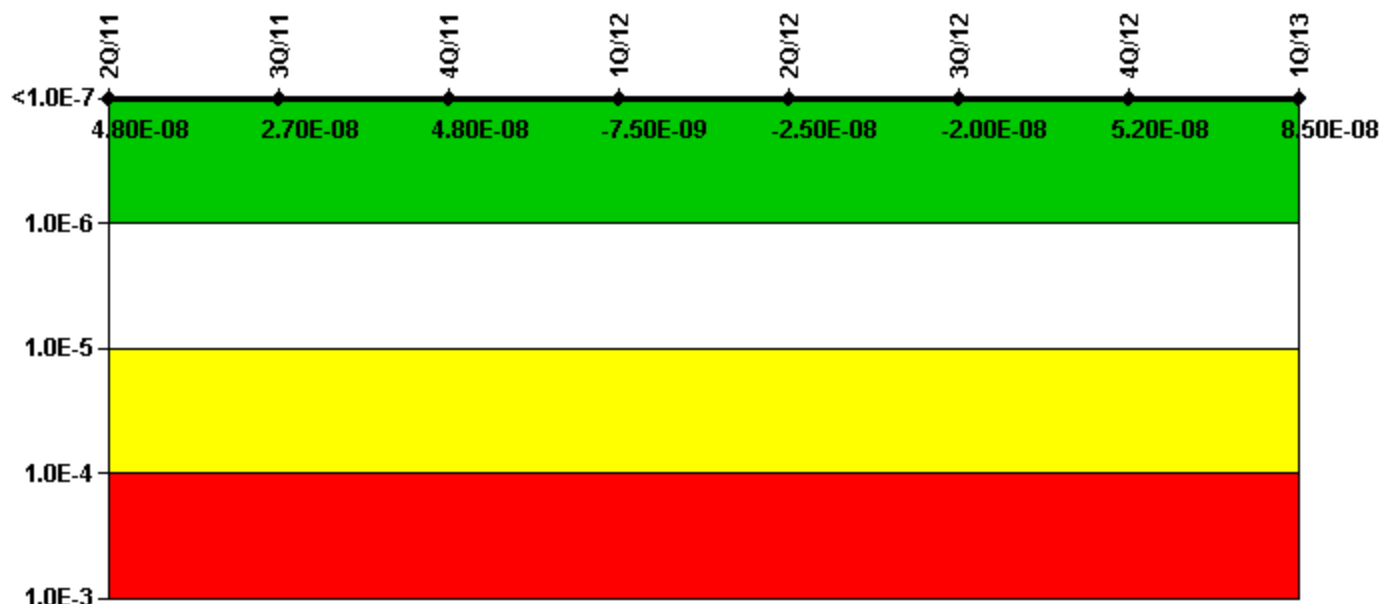
Notes

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

Licensee Comments:

2Q/11: LER 2-11-01

Mitigating Systems Performance Index, Emergency AC Power System



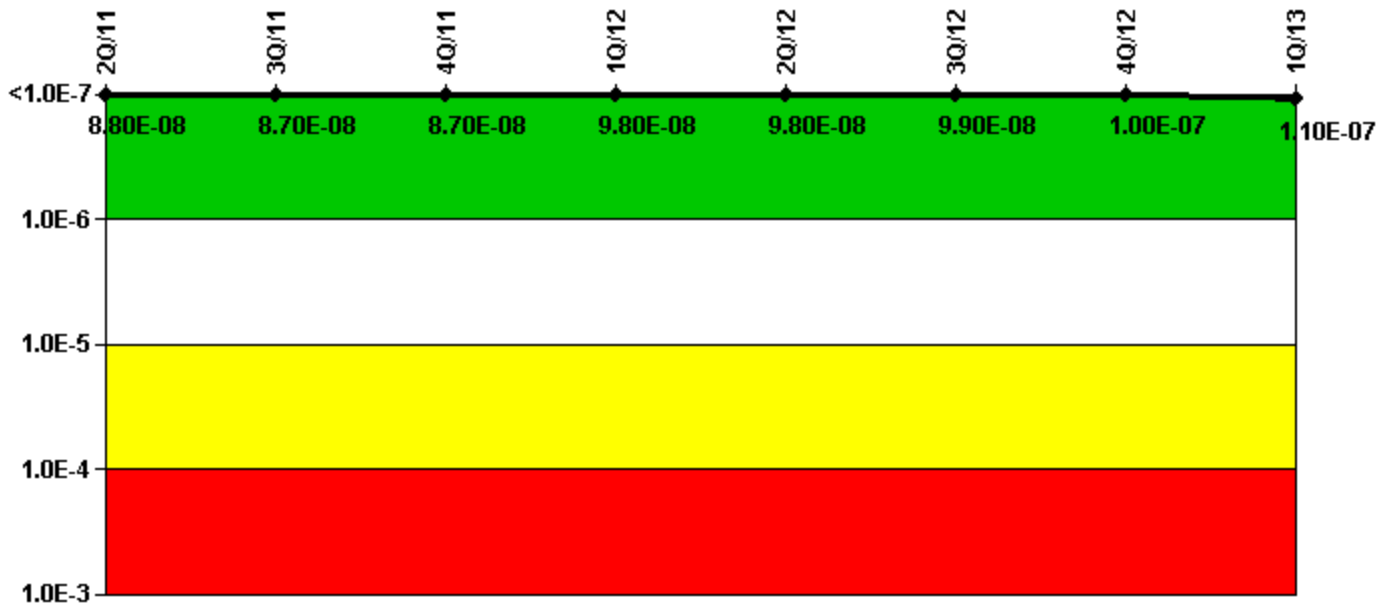
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|---|----------|-----------|----------|-----------|-----------|-----------|----------|----------|
| UAI (Δ CDF) | 1.87E-08 | -1.01E-08 | 1.18E-08 | 1.08E-08 | -1.31E-09 | -9.34E-11 | 7.10E-09 | 3.96E-08 |
| URI (Δ CDF) | 2.96E-08 | 3.76E-08 | 3.59E-08 | -1.83E-08 | -2.36E-08 | -1.96E-08 | 4.52E-08 | 4.57E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 4.80E-08 | 2.70E-08 | 4.80E-08 | -7.50E-09 | -2.50E-08 | -2.00E-08 | 5.20E-08 | 8.50E-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

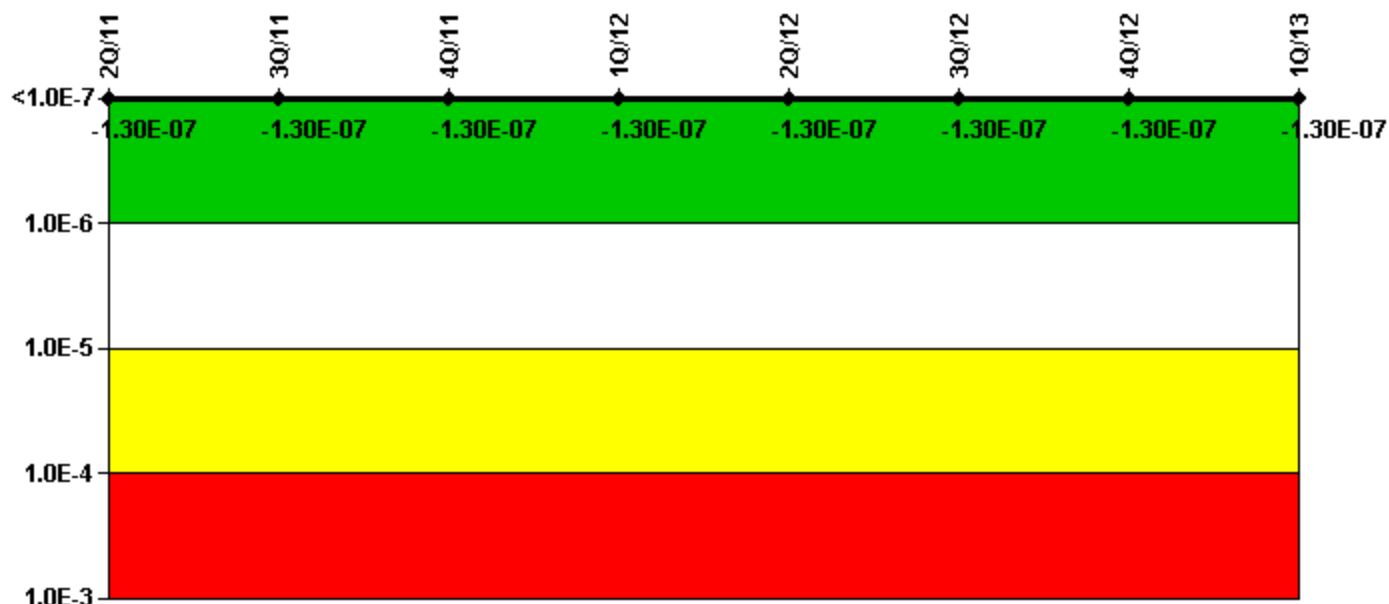
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.80E-08 | -2.84E-08 | -2.88E-08 | -1.70E-08 | -1.70E-08 | -1.63E-08 | -1.57E-08 | -1.57E-08 |
| URI (Δ CDF) | 1.16E-07 | 1.16E-07 | 1.16E-07 | 1.15E-07 | 1.15E-07 | 1.15E-07 | 1.20E-07 | 1.25E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 8.80E-08 | 8.70E-08 | 8.70E-08 | 9.80E-08 | 9.80E-08 | 9.90E-08 | 1.00E-07 | 1.10E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Heat Removal System



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

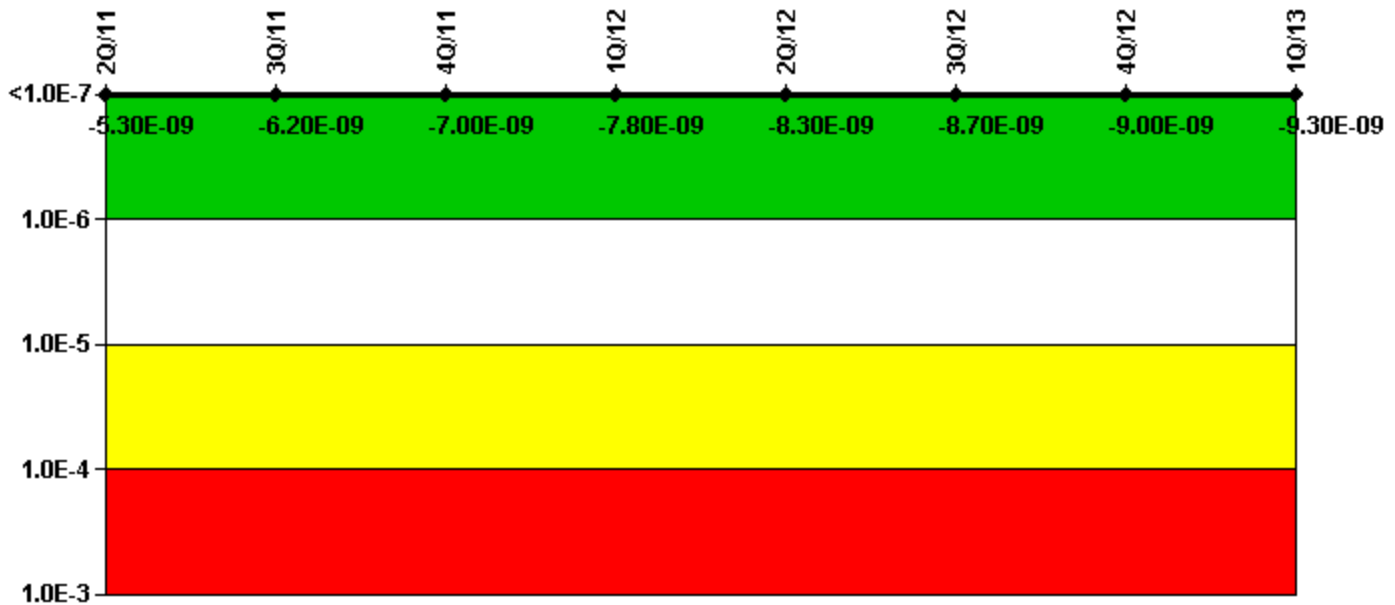
Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -9.65E-08 | -9.68E-08 | -9.70E-08 | -9.73E-08 | -9.75E-08 | -9.77E-08 | -9.66E-08 | -9.54E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Residual Heat Removal System



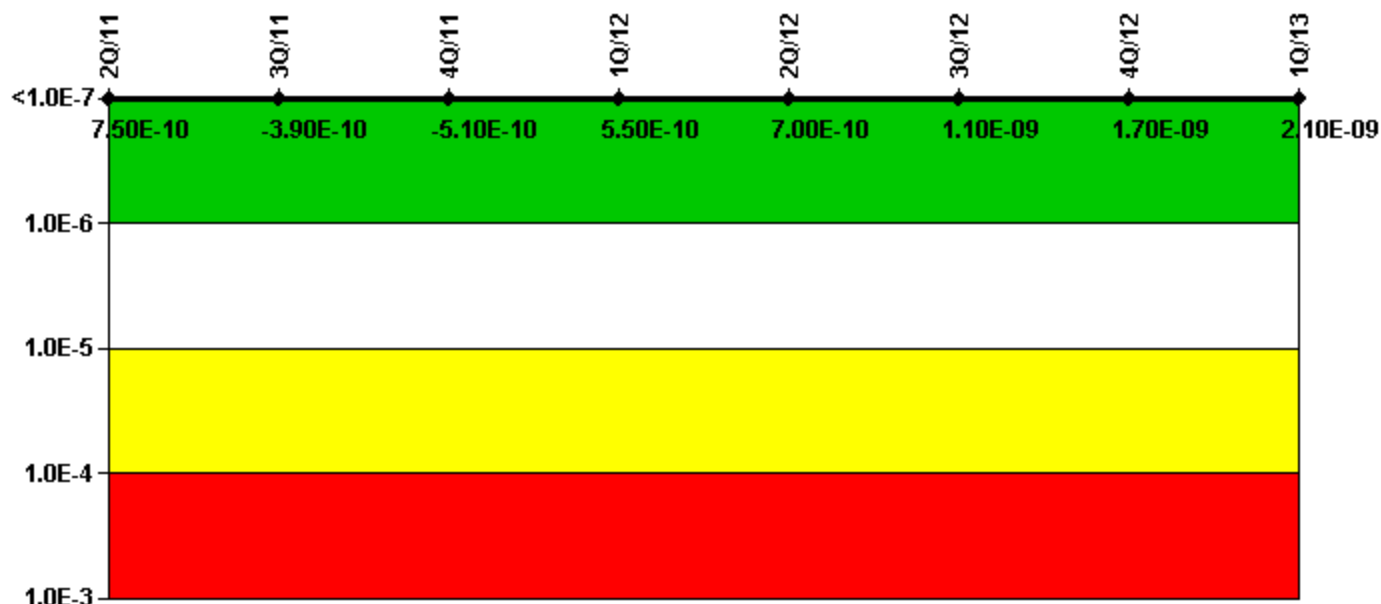
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.17E-10 | -3.09E-10 | -3.04E-10 | -3.04E-10 | -1.10E-10 | 8.40E-11 | 3.87E-10 | 6.60E-10 |
| URI (Δ CDF) | -5.09E-09 | -5.94E-09 | -6.72E-09 | -7.46E-09 | -8.14E-09 | -8.79E-09 | -9.39E-09 | -9.96E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -5.30E-09 | -6.20E-09 | -7.00E-09 | -7.80E-09 | -8.30E-09 | -8.70E-09 | -9.00E-09 | -9.30E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



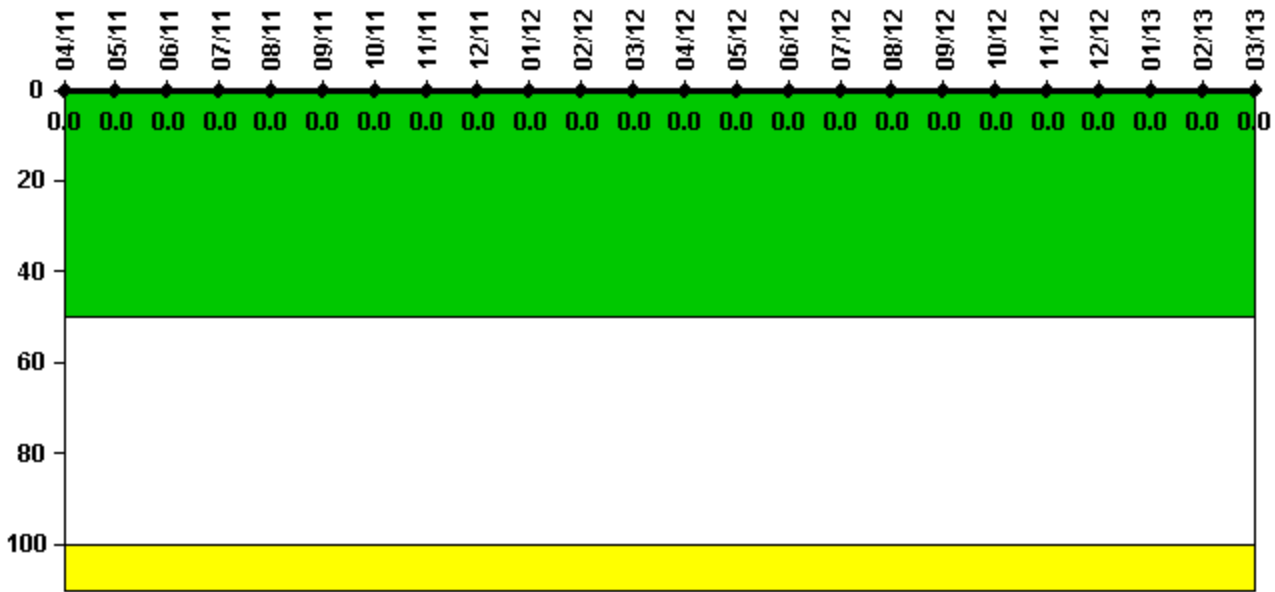
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 2.60E-09 | 1.46E-09 | 1.34E-09 | 2.40E-09 | 2.55E-09 | 2.93E-09 | 3.52E-09 | 3.94E-09 |
| URI (Δ CDF) | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 7.50E-10 | 3.90E-10 | 5.10E-10 | 5.50E-10 | 7.00E-10 | 1.10E-09 | 1.70E-09 | 2.10E-09 |

Licensee Comments: none

Reactor Coolant System Activity



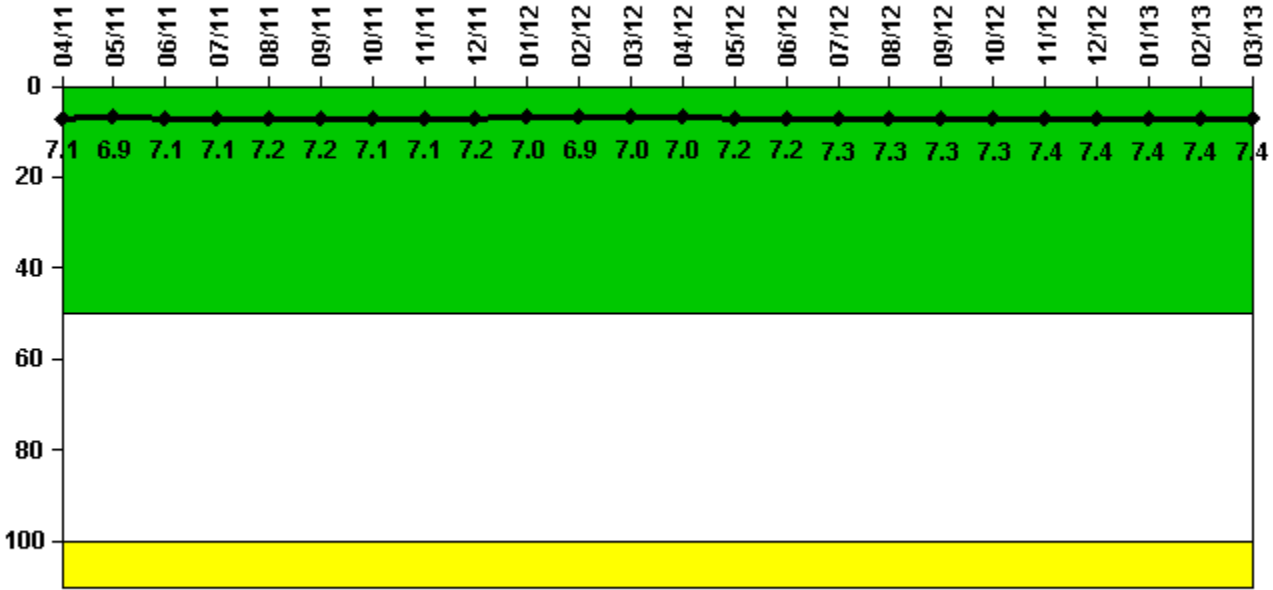
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 | 1/12 | 2/12 | 3/12 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000022 | 0.000023 | 0.000023 | 0.000025 | 0.000024 | 0.000022 | 0.000027 | 0.000023 | 0.000022 | 0.000022 | 0.000020 | 0.000027 |
| 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 | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 | 1/13 | 2/13 | 3/13 |
| Maximum activity | 0.000020 | 0.000020 | 0.000020 | 0.000024 | 0.000021 | 0.000020 | 0.000021 | 0.000017 | 0.000016 | 0.000018 | 0.000017 | 0.000020 |
| 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



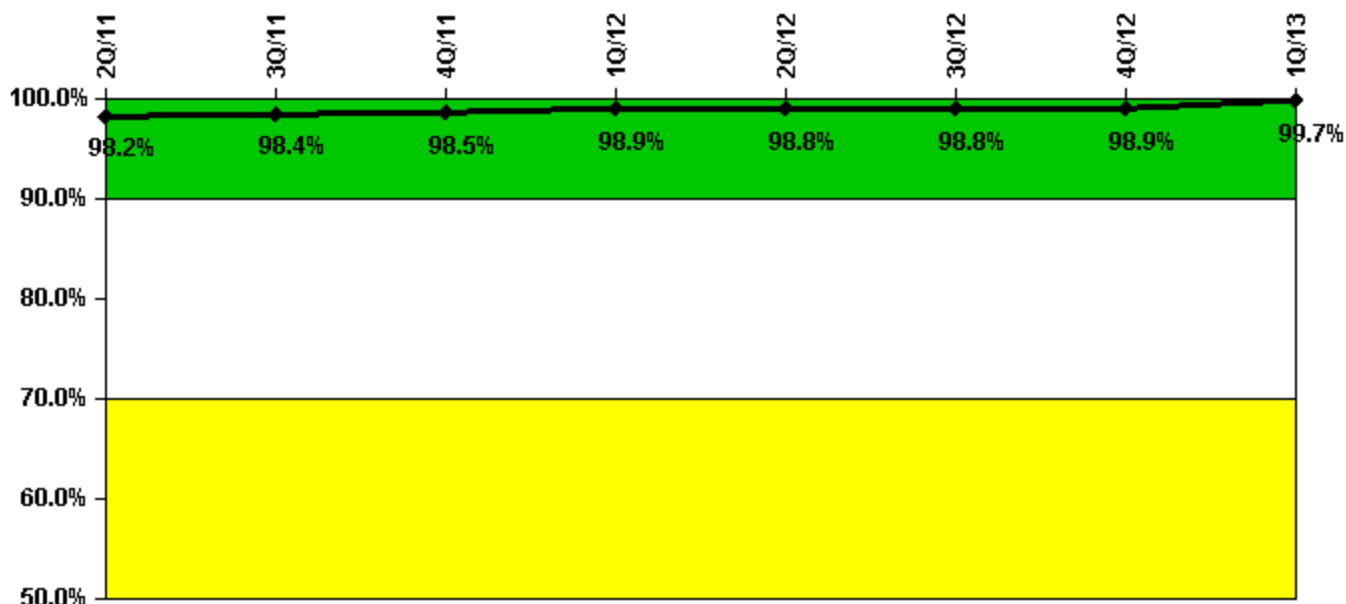
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 4/11 | 5/11 | 6/11 | 7/11 | 8/11 | 9/11 | 10/11 | 11/11 | 12/11 | 1/12 | 2/12 | 3/12 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.780 | 1.720 | 1.780 | 1.780 | 1.790 | 1.790 | 1.780 | 1.780 | 1.790 | 1.740 | 1.720 | 1.750 |
| 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 | 7.1 | 6.9 | 7.1 | 7.1 | 7.2 | 7.2 | 7.1 | 7.1 | 7.2 | 7.0 | 6.9 | 7.0 |
| Reactor Coolant System Leakage | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 | 1/13 | 2/13 | 3/13 |
| Maximum leakage | 1.750 | 1.790 | 1.810 | 1.820 | 1.820 | 1.820 | 1.830 | 1.860 | 1.850 | 1.840 | 1.840 | 1.860 |
| 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 | 7.0 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 |

Licensee Comments: none

Drill/Exercise Performance



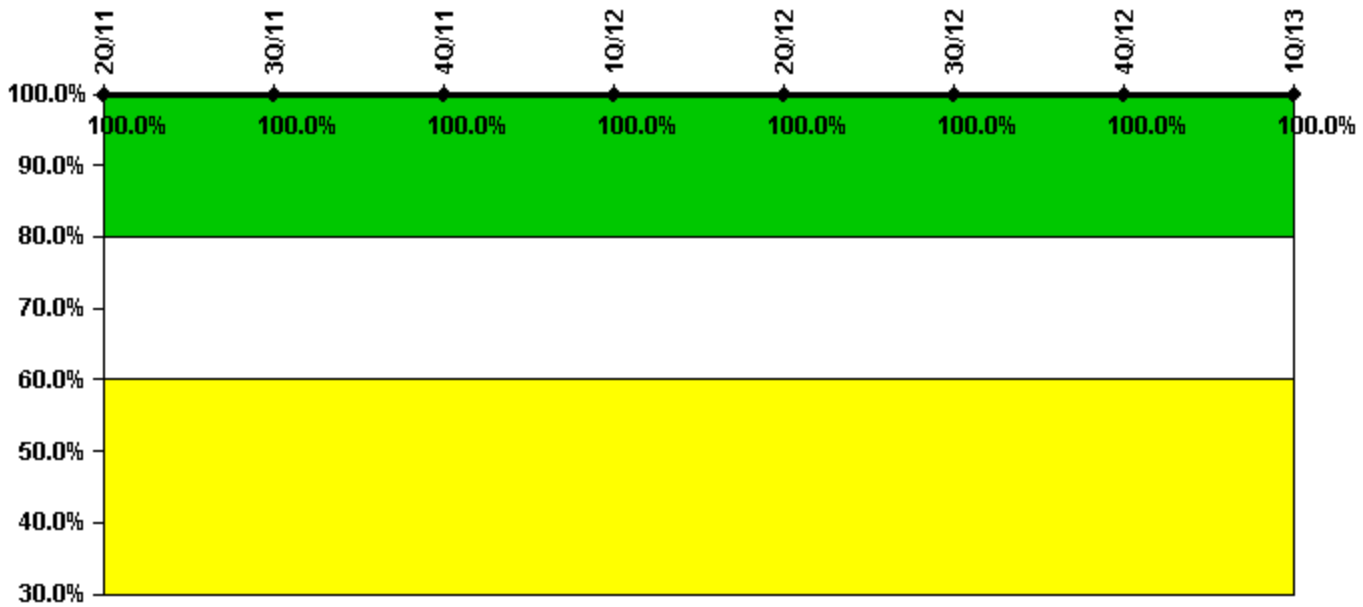
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 26.0 | 19.0 | 36.0 | 93.0 | 32.0 | 15.0 | 57.0 | 81.0 |
| Total opportunities | 27.0 | 19.0 | 36.0 | 93.0 | 32.0 | 15.0 | 57.0 | 81.0 |
| Indicator value | 98.2% | 98.4% | 98.5% | 98.9% | 98.8% | 98.8% | 98.9% | 99.7% |

Licensee Comments: none

ERO Drill Participation



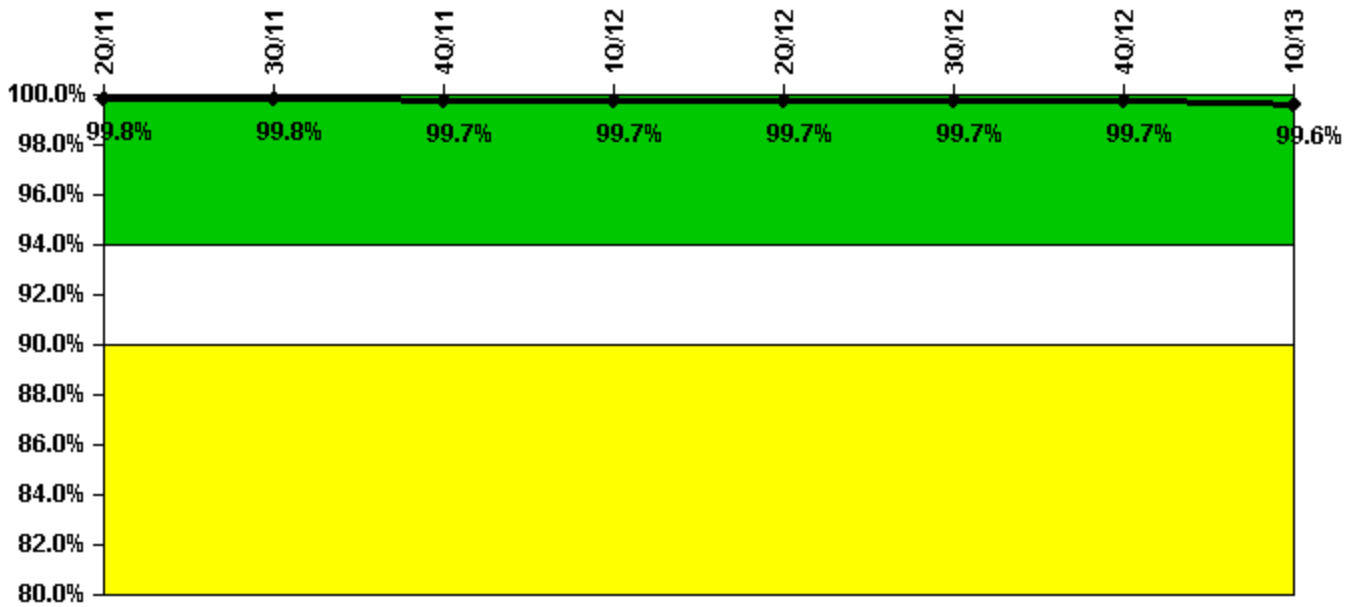
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 67.0 | 61.0 | 67.0 | 71.0 | 72.0 | 74.0 | 77.0 | 75.0 |
| Total Key personnel | 67.0 | 61.0 | 67.0 | 71.0 | 72.0 | 74.0 | 77.0 | 75.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



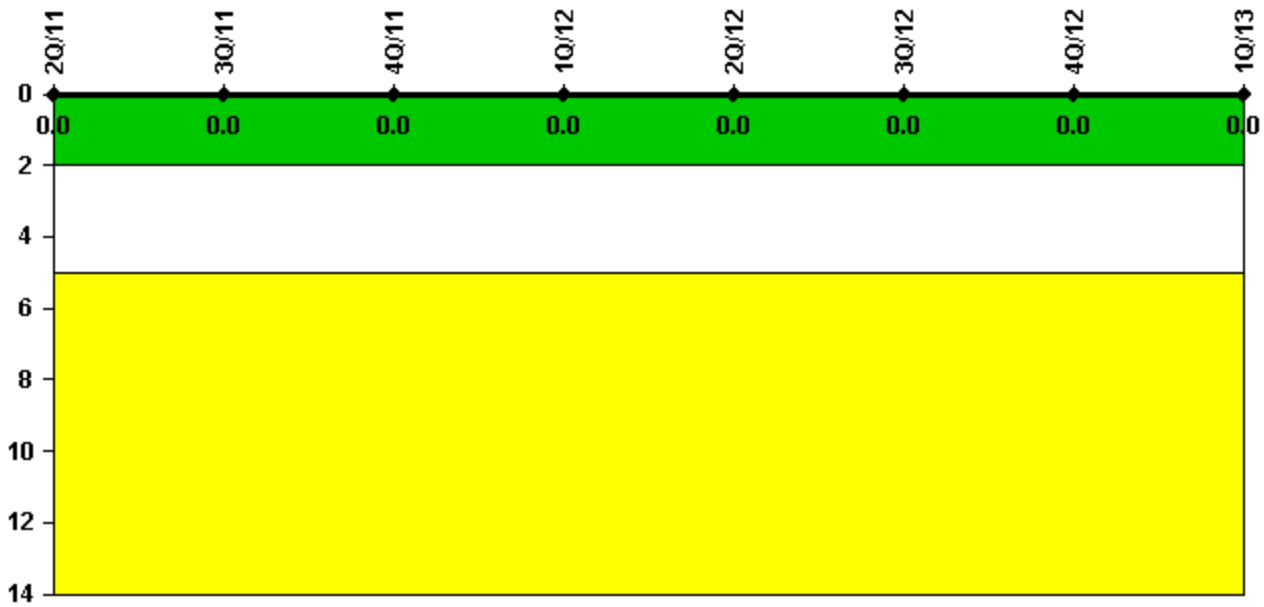
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1259 | 1254 | 1257 | 1258 | 1258 | 1257 | 1249 | 1256 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1255 | 1261 |
| Indicator value | 99.8% | 99.8% | 99.7% | 99.7% | 99.7% | 99.7% | 99.7% | 99.6% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



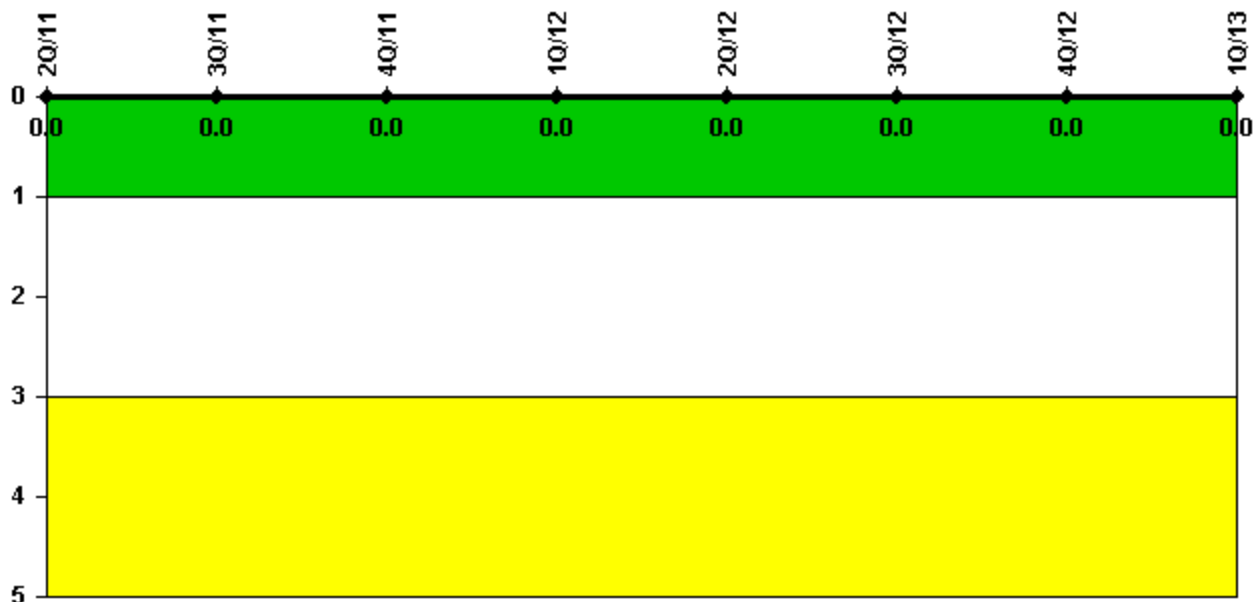
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/11 | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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, 2013

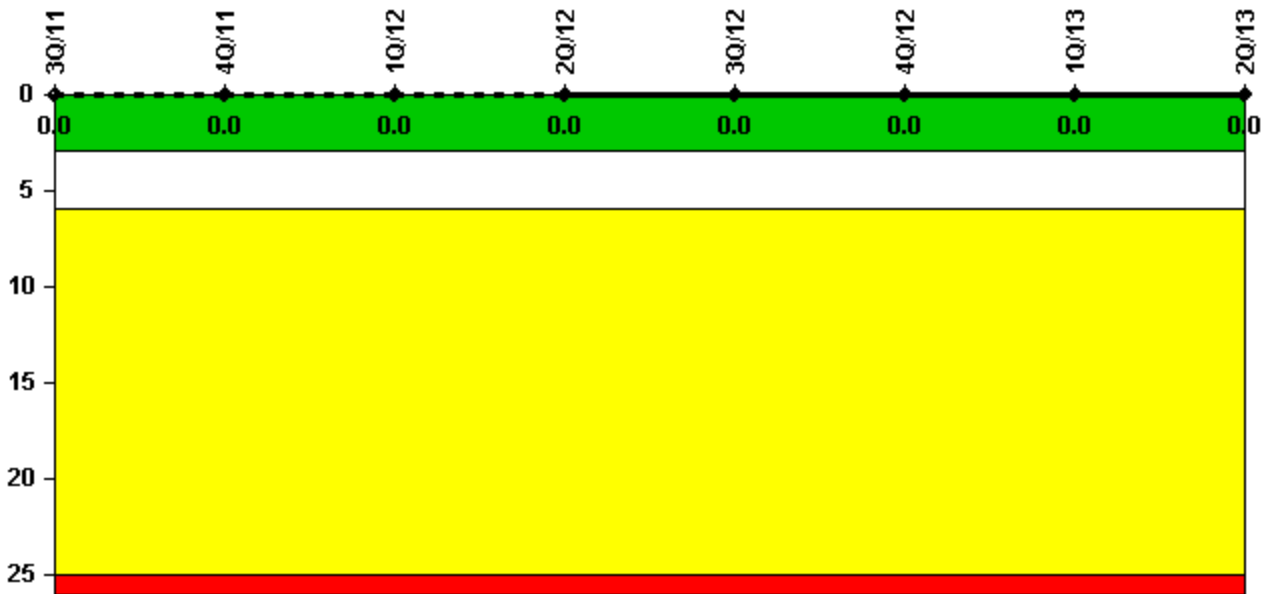
Peach Bottom 2

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



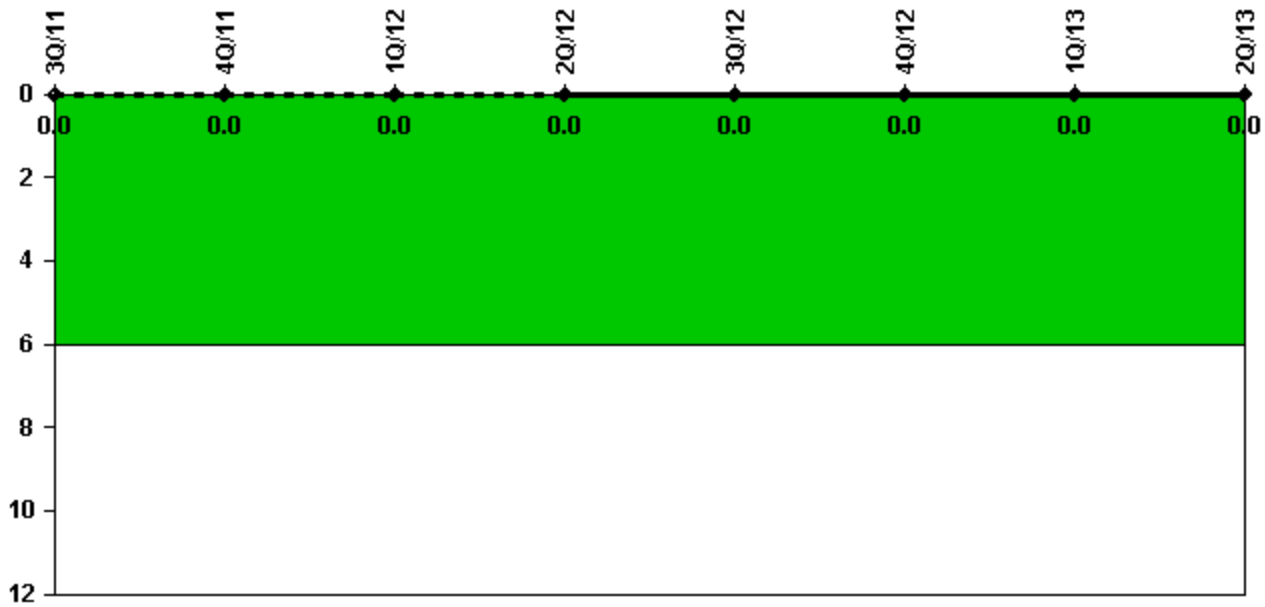
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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 | 0 |
| Critical hours | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1701.9 | 1797.6 | 2159.0 | 2184.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



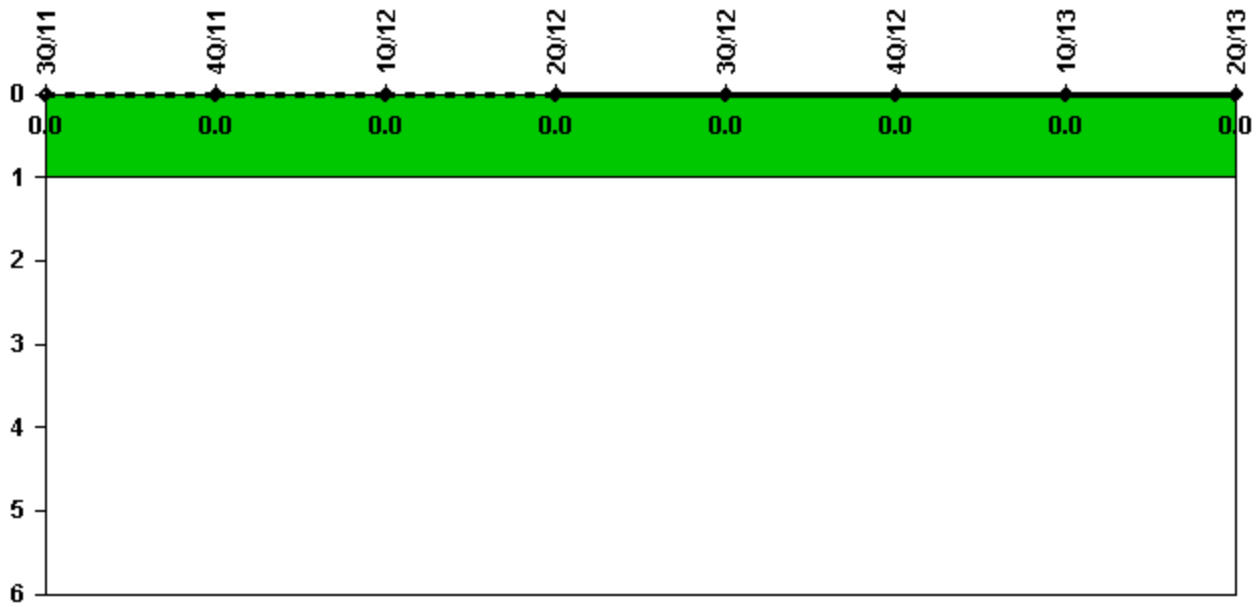
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 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 | 0 |
| Critical hours | 2208.0 | 2209.0 | 2183.0 | 2184.0 | 1701.9 | 1797.6 | 2159.0 | 2184.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



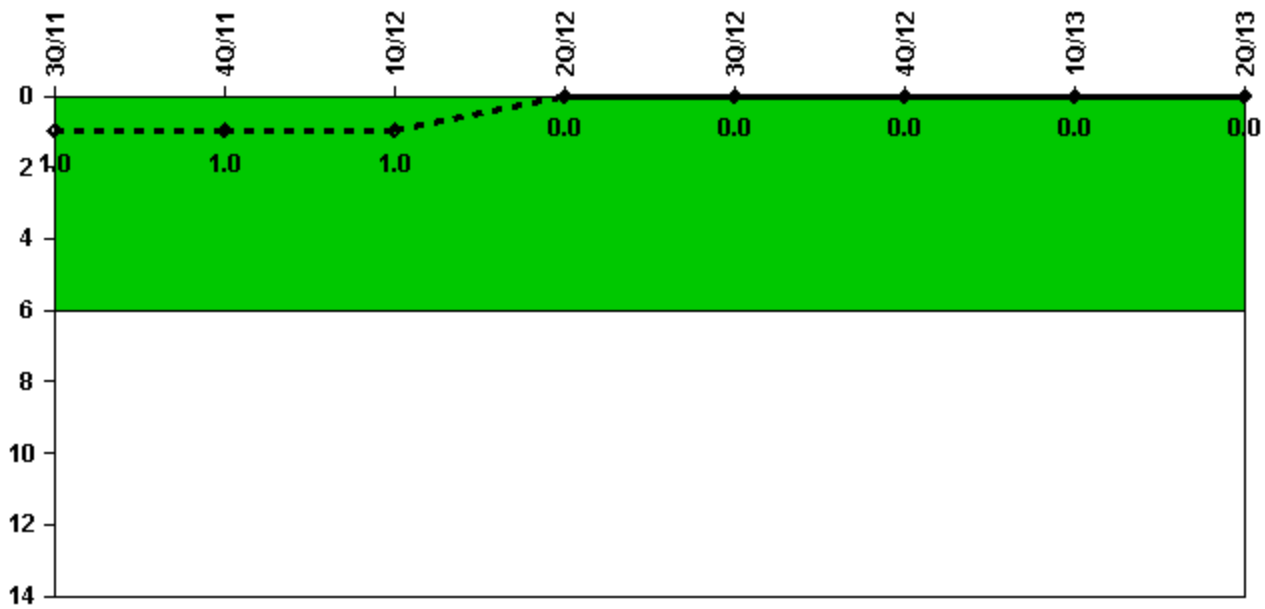
Thresholds: White > 1.0

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 | 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)



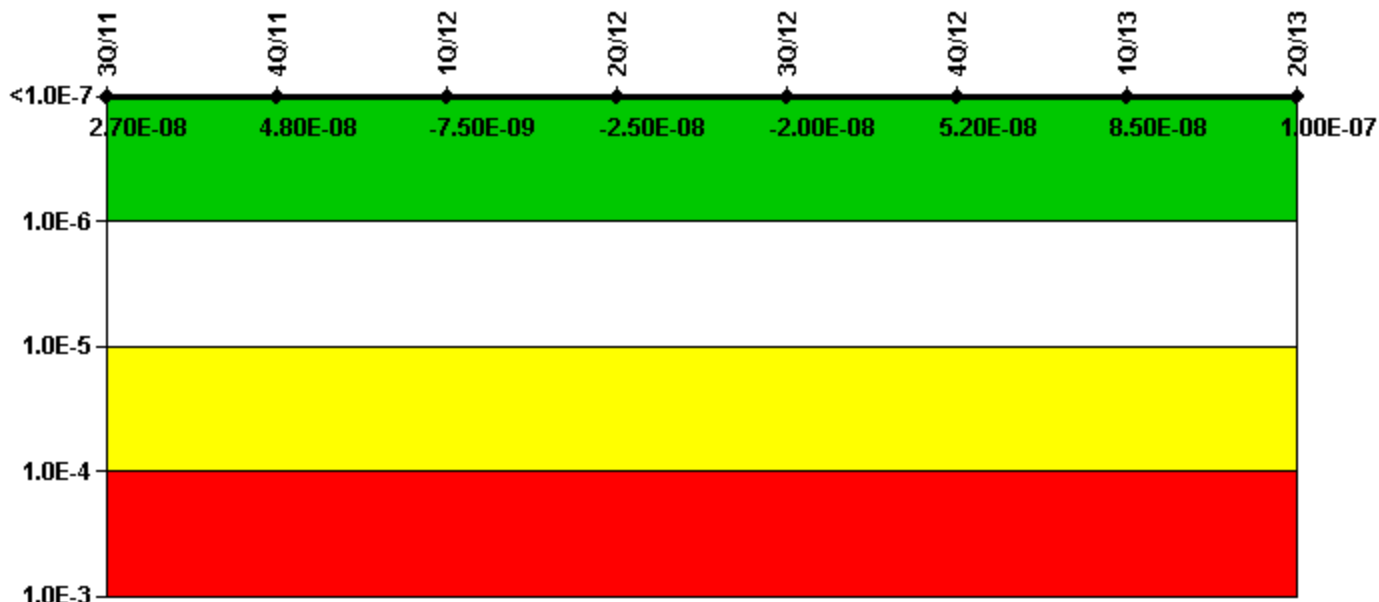
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 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 | 0 |
| Indicator value | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



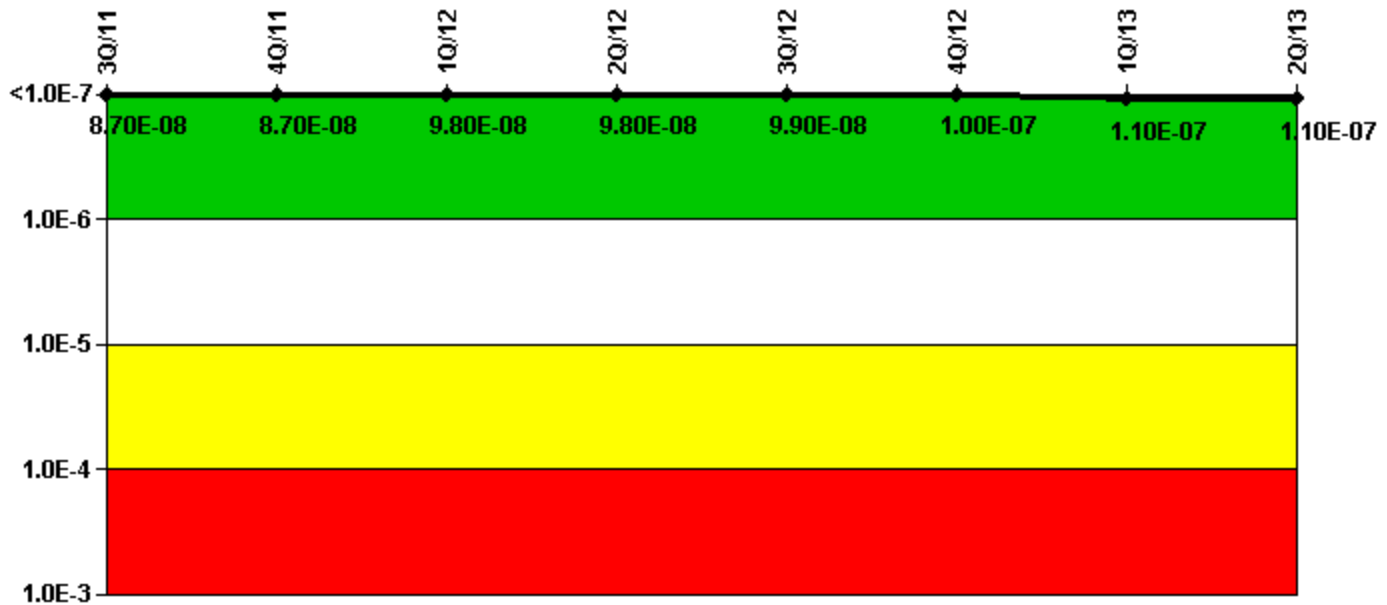
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | -1.01E-08 | 1.18E-08 | 1.08E-08 | -1.31E-09 | -9.34E-11 | 7.10E-09 | 3.96E-08 | 5.19E-08 |
| URI (Δ CDF) | 3.76E-08 | 3.59E-08 | -1.83E-08 | -2.36E-08 | -1.96E-08 | 4.52E-08 | 4.57E-08 | 4.89E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 2.70E-08 | 4.80E-08 | -7.50E-09 | -2.50E-08 | -2.00E-08 | 5.20E-08 | 8.50E-08 | 1.00E-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

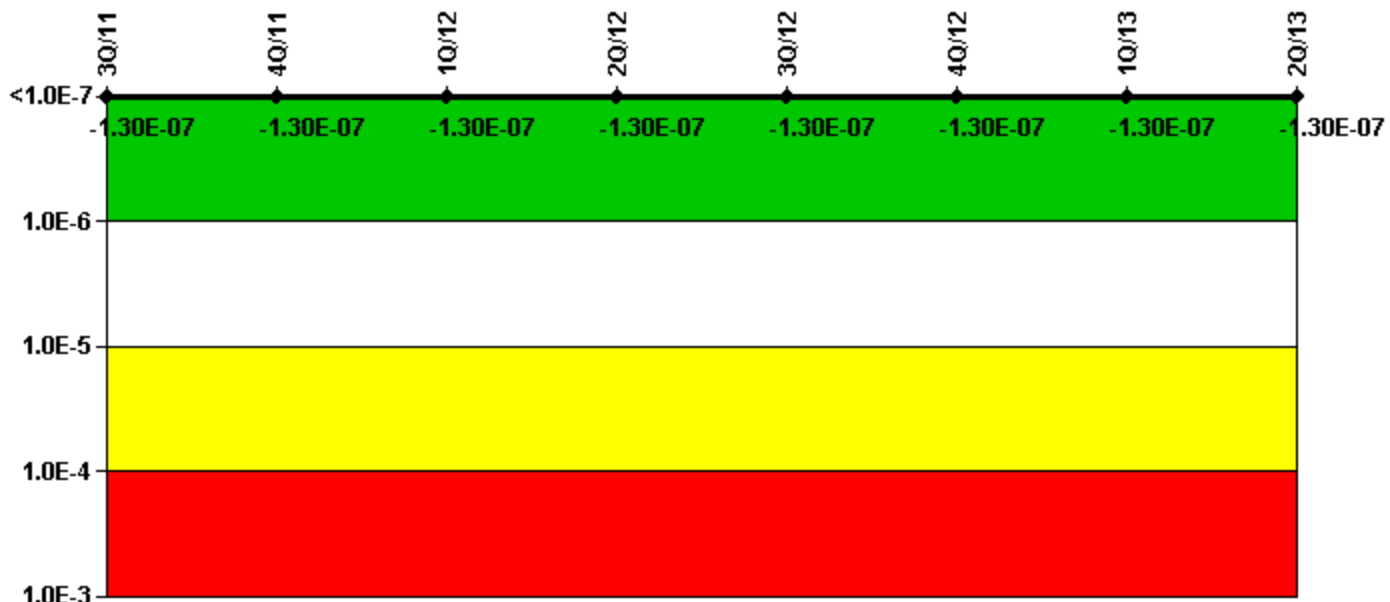
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.84E-08 | -2.88E-08 | -1.70E-08 | -1.70E-08 | -1.63E-08 | -1.57E-08 | -1.57E-08 | -1.57E-08 |
| URI (Δ CDF) | 1.16E-07 | 1.16E-07 | 1.15E-07 | 1.15E-07 | 1.15E-07 | 1.20E-07 | 1.25E-07 | 1.30E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 8.70E-08 | 8.70E-08 | 9.80E-08 | 9.80E-08 | 9.90E-08 | 1.00E-07 | 1.10E-07 | 1.10E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Heat Removal System



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

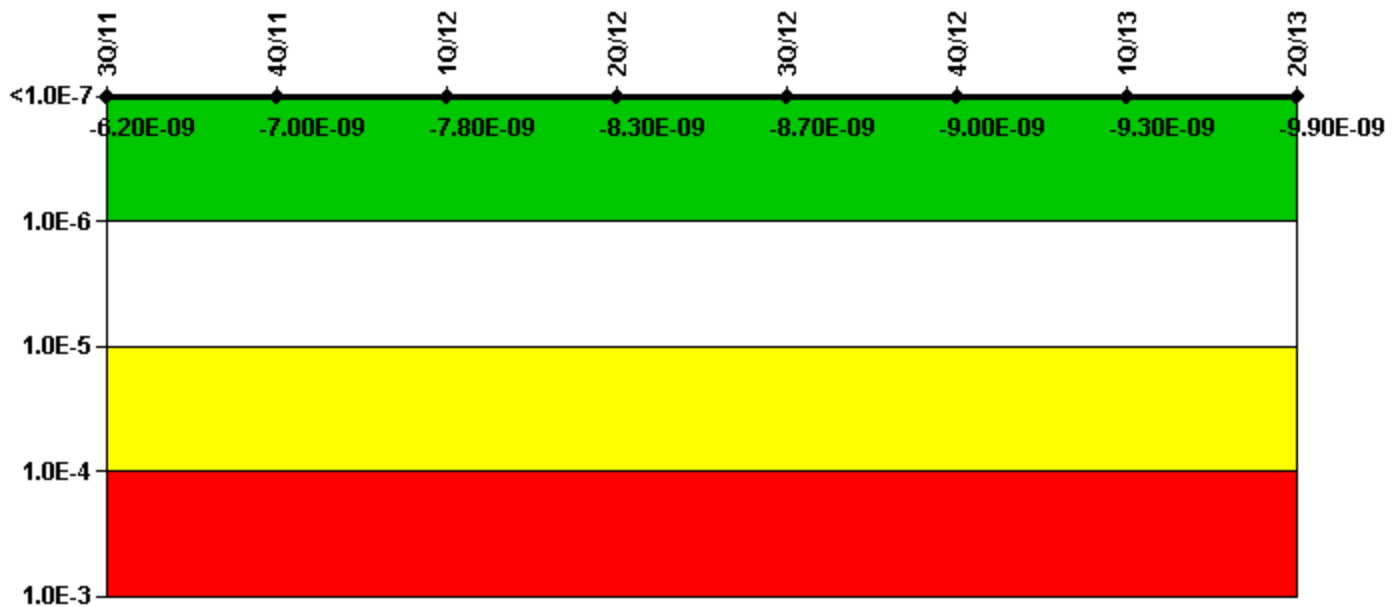
Notes

| 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) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -9.68E-08 | -9.70E-08 | -9.73E-08 | -9.75E-08 | -9.77E-08 | -9.66E-08 | -9.54E-08 | -9.42E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 | -1.30E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Residual Heat Removal System



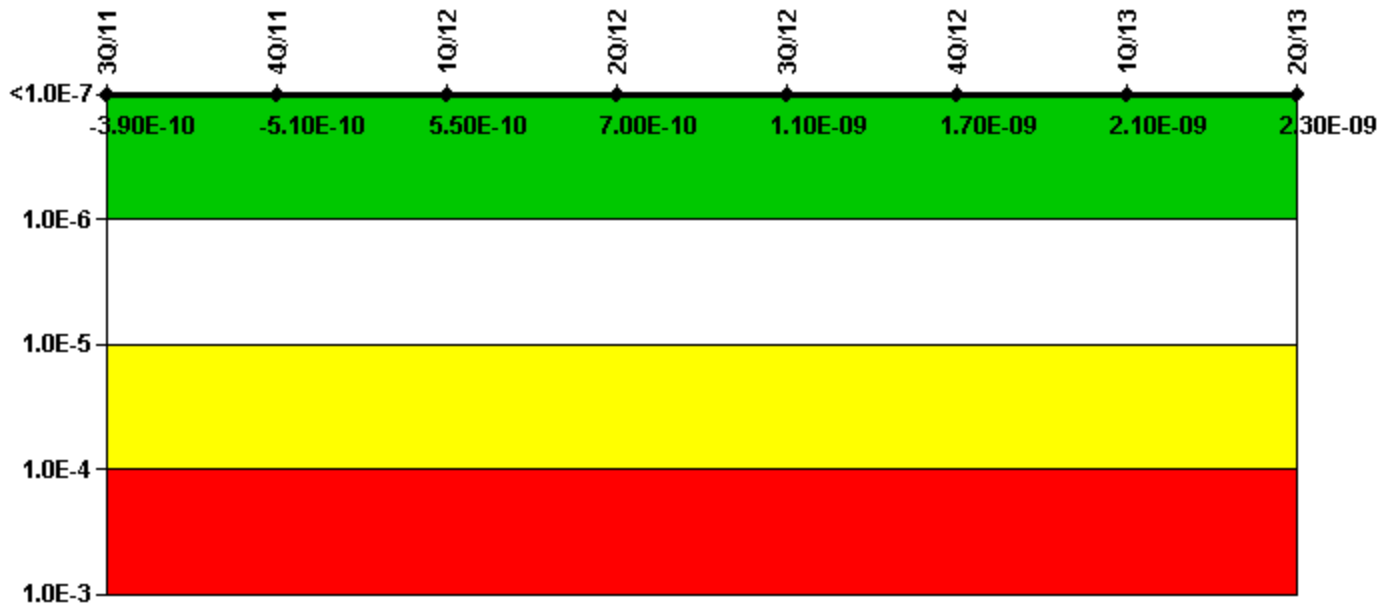
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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 (Δ CDF) | -3.09E-10 | -3.04E-10 | -3.04E-10 | -1.10E-10 | 8.40E-11 | 3.87E-10 | 6.60E-10 | 5.64E-10 |
| URI (Δ CDF) | -5.94E-09 | -6.72E-09 | -7.46E-09 | -8.14E-09 | -8.79E-09 | -9.39E-09 | -9.96E-09 | -1.05E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -6.20E-09 | -7.00E-09 | -7.80E-09 | -8.30E-09 | -8.70E-09 | -9.00E-09 | -9.30E-09 | -9.90E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



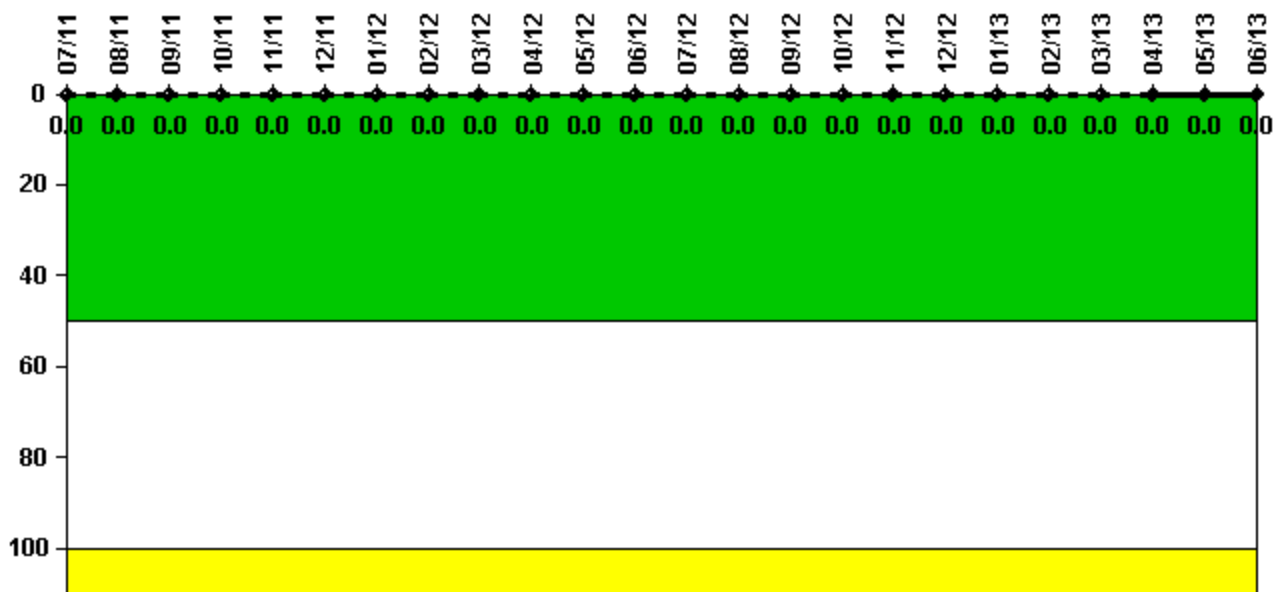
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | 1.46E-09 | 1.34E-09 | 2.40E-09 | 2.55E-09 | 2.93E-09 | 3.52E-09 | 3.94E-09 | 4.16E-09 |
| URI (Δ CDF) | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 | -1.85E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -3.90E-10 | -5.10E-10 | 5.50E-10 | 7.00E-10 | 1.10E-09 | 1.70E-09 | 2.10E-09 | 2.30E-09 |

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 | 0.000025 | 0.000024 | 0.000022 | 0.000027 | 0.000023 | 0.000022 | 0.000022 | 0.000020 | 0.000027 | 0.000020 | 0.000020 | 0.000020 |
| 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 | 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 | 0.000024 | 0.000021 | 0.000020 | 0.000021 | 0.000017 | 0.000016 | 0.000018 | 0.000017 | 0.000020 | 0.000017 | 0.000018 | 0.000019 |
| 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

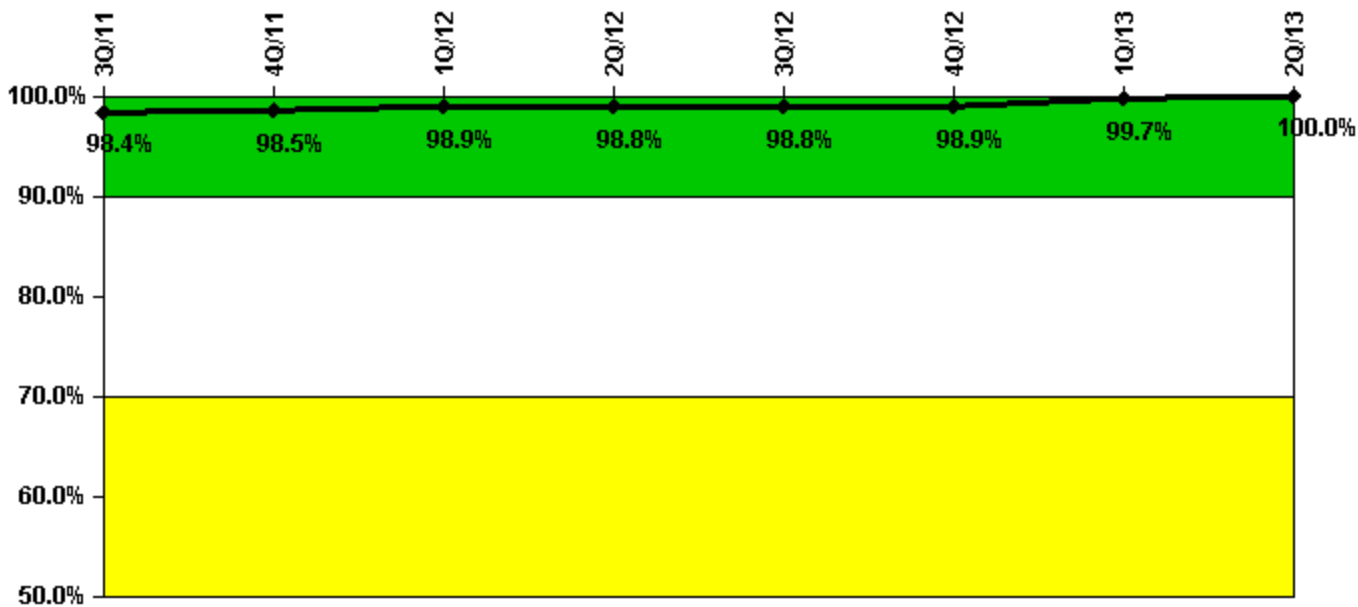
Notes

| Reactor Coolant System Leakage | 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 | 1.780 | 1.790 | 1.790 | 1.780 | 1.780 | 1.790 | 1.740 | 1.720 | 1.750 | 1.750 | 1.790 | 1.810 |
| 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 | 7.1 | 7.2 | 7.2 | 7.1 | 7.1 | 7.2 | 7.0 | 6.9 | 7.0 | 7.0 | 7.2 | 7.2 |

| 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 | 1.820 | 1.820 | 1.820 | 1.830 | 1.860 | 1.850 | 1.840 | 1.840 | 1.860 | 1.850 | 1.850 | 1.880 |
| 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 | 7.3 | 7.3 | 7.3 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 |

Licensee Comments: none

Drill/Exercise Performance



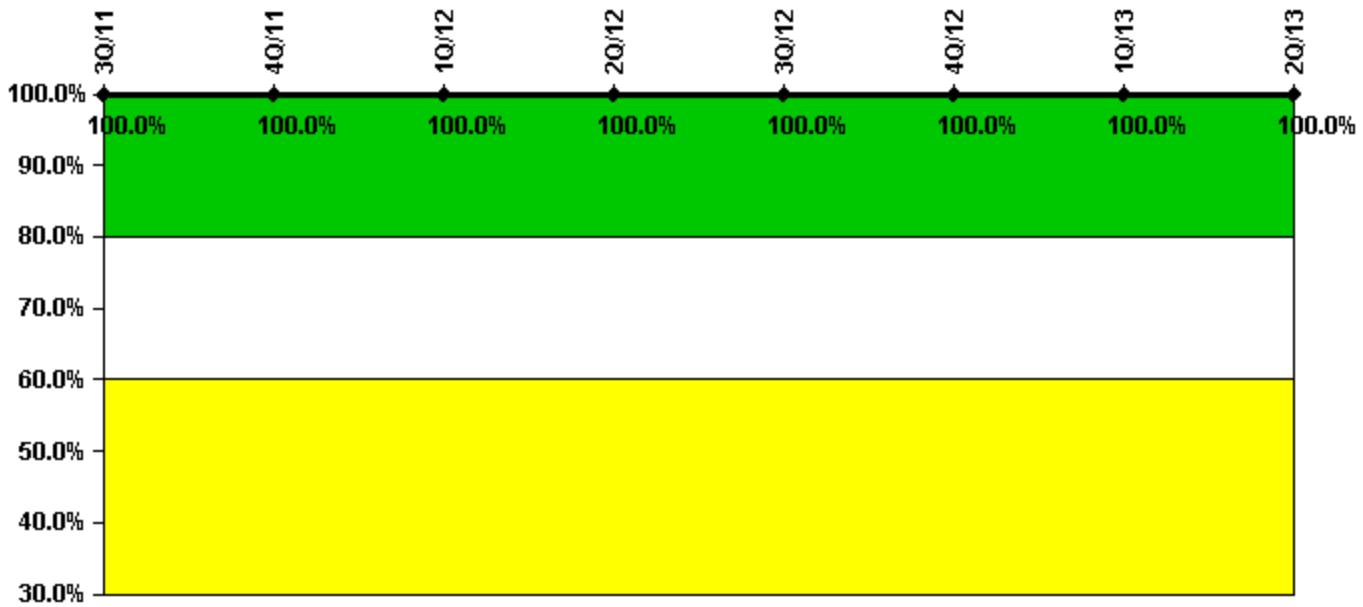
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| Successful opportunities | 19.0 | 36.0 | 93.0 | 32.0 | 15.0 | 57.0 | 81.0 | 71.0 |
| Total opportunities | 19.0 | 36.0 | 93.0 | 32.0 | 15.0 | 57.0 | 81.0 | 71.0 |
| Indicator value | 98.4% | 98.5% | 98.9% | 98.8% | 98.8% | 98.9% | 99.7% | 100.0% |

Licensee Comments: none

ERO Drill Participation



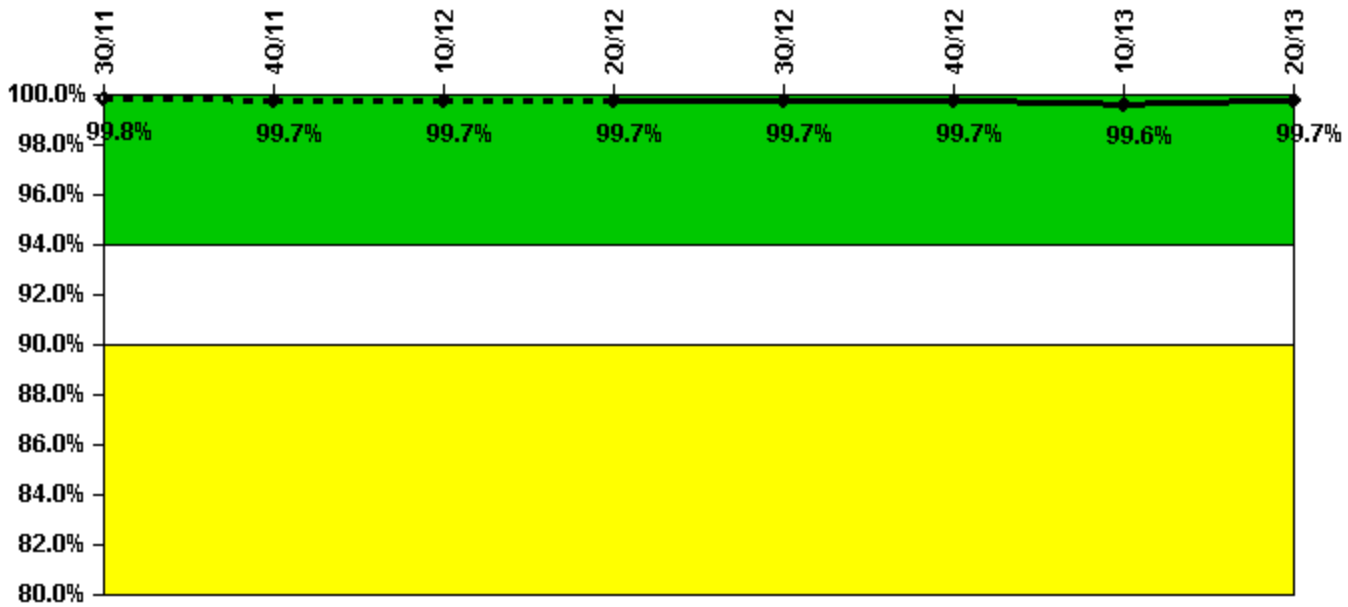
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 61.0 | 67.0 | 71.0 | 72.0 | 74.0 | 77.0 | 75.0 | 77.0 |
| Total Key personnel | 61.0 | 67.0 | 71.0 | 72.0 | 74.0 | 77.0 | 75.0 | 77.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



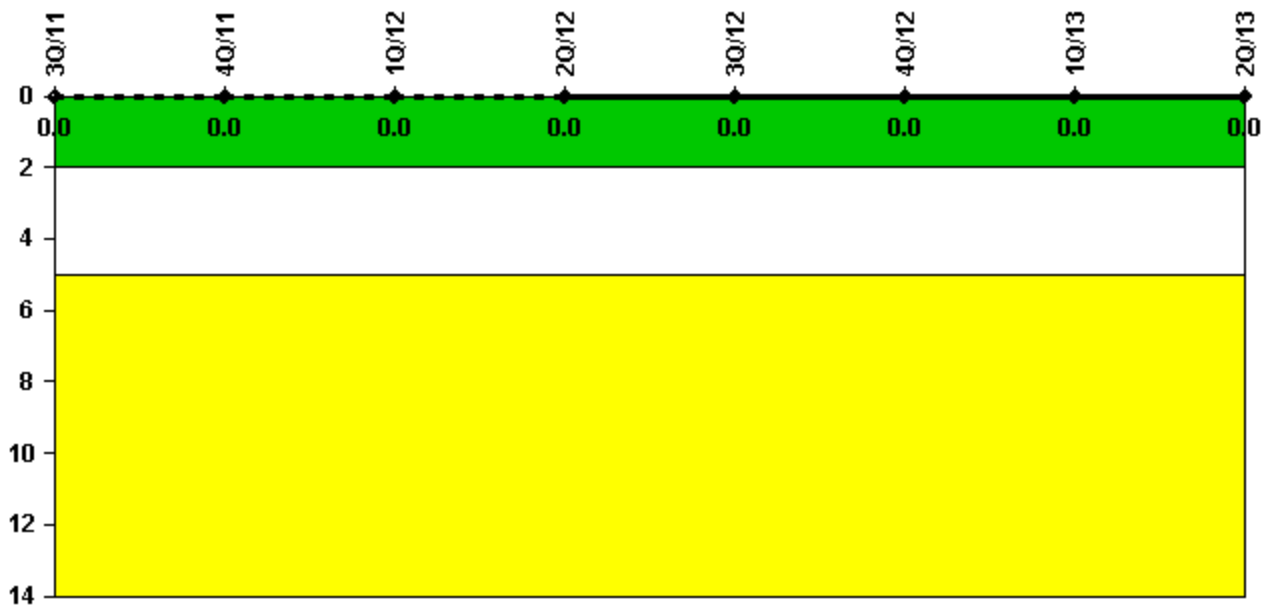
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/11 | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1254 | 1257 | 1258 | 1258 | 1257 | 1249 | 1256 | 1259 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1255 | 1261 | 1261 |
| Indicator value | 99.8% | 99.7% | 99.7% | 99.7% | 99.7% | 99.7% | 99.6% | 99.7% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



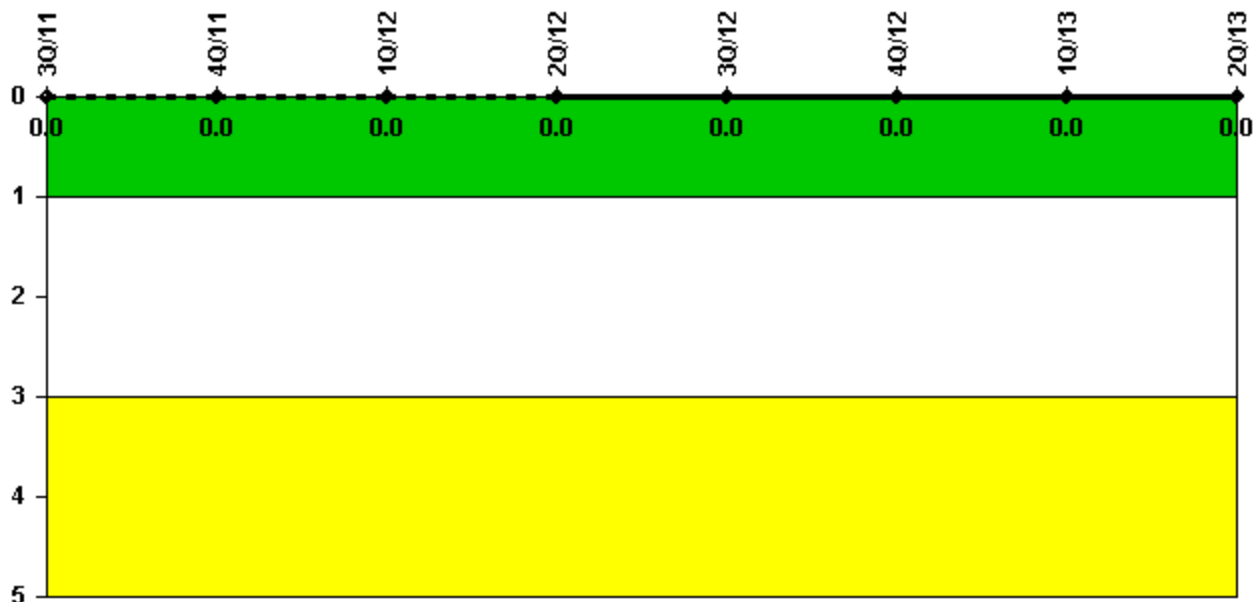
Thresholds: White > 2.0 Yellow > 5.0

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 | 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 | 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 | 0 |
| Indicator value | 0 | 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: August 19, 2013

Peach Bottom 2

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: Revised estimated demands on MSPI monitored components. Demands from post maintenance testing, are not included per Revision 8 of the station MSPI Bases Document. Applies to Q4 2010 forward. This change does not reflect a color change.

Unplanned Scrams per 7000 Critical Hrs



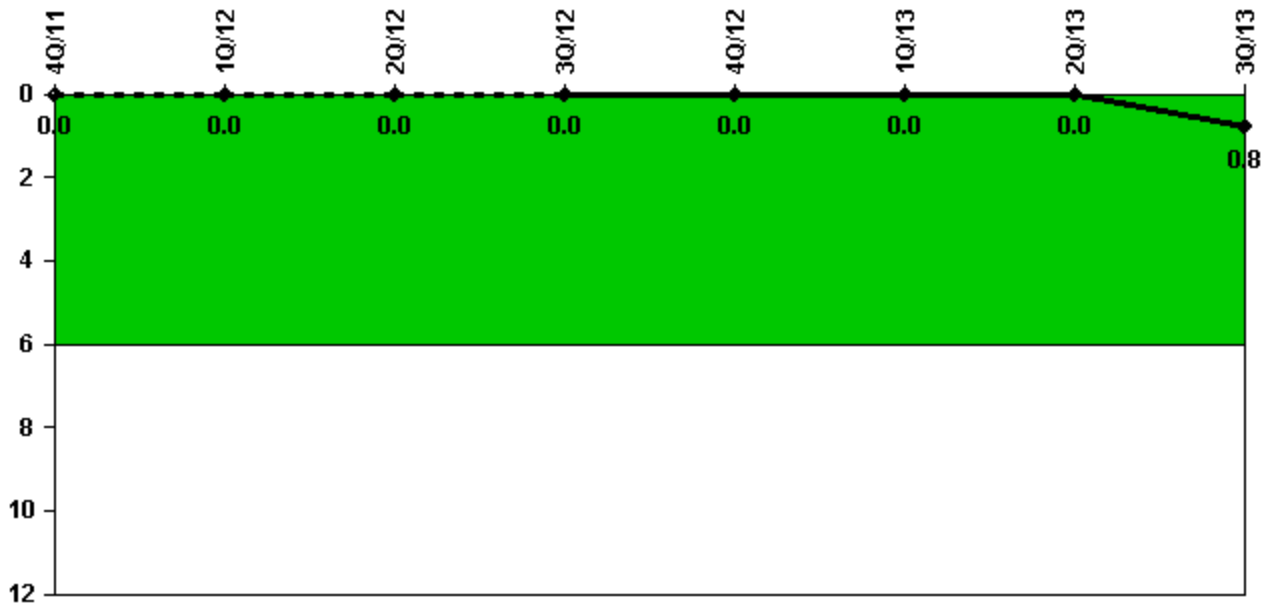
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2183.0 | 2184.0 | 1701.9 | 1797.6 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



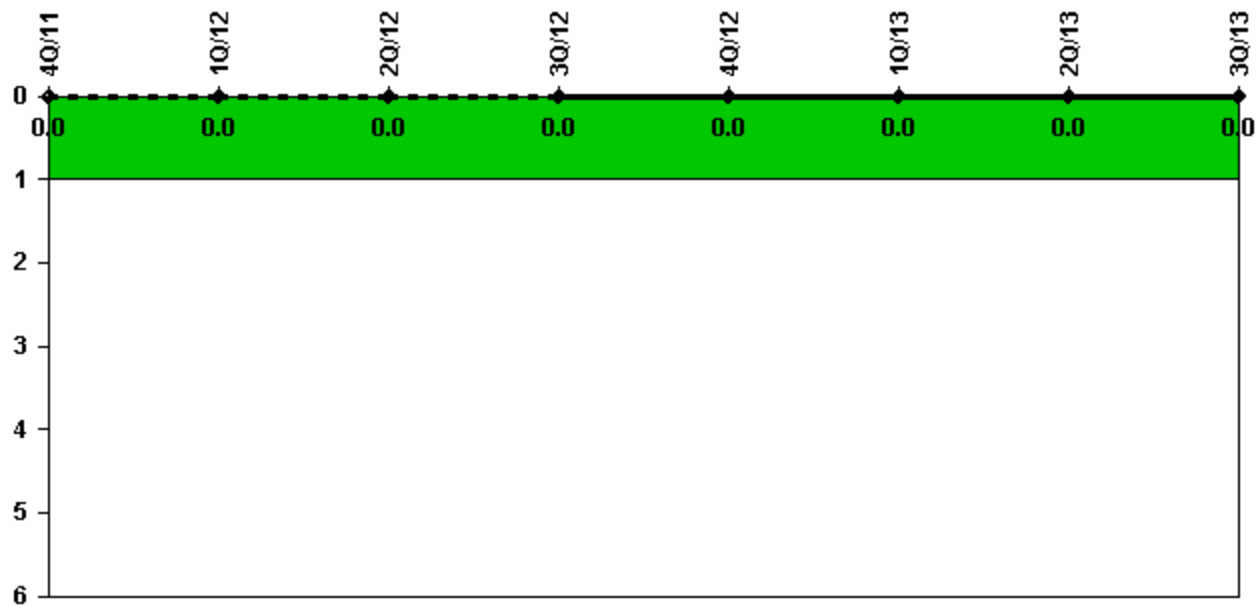
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|---|----------|----------|----------|----------|----------|----------|----------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2209.0 | 2183.0 | 2184.0 | 1701.9 | 1797.6 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



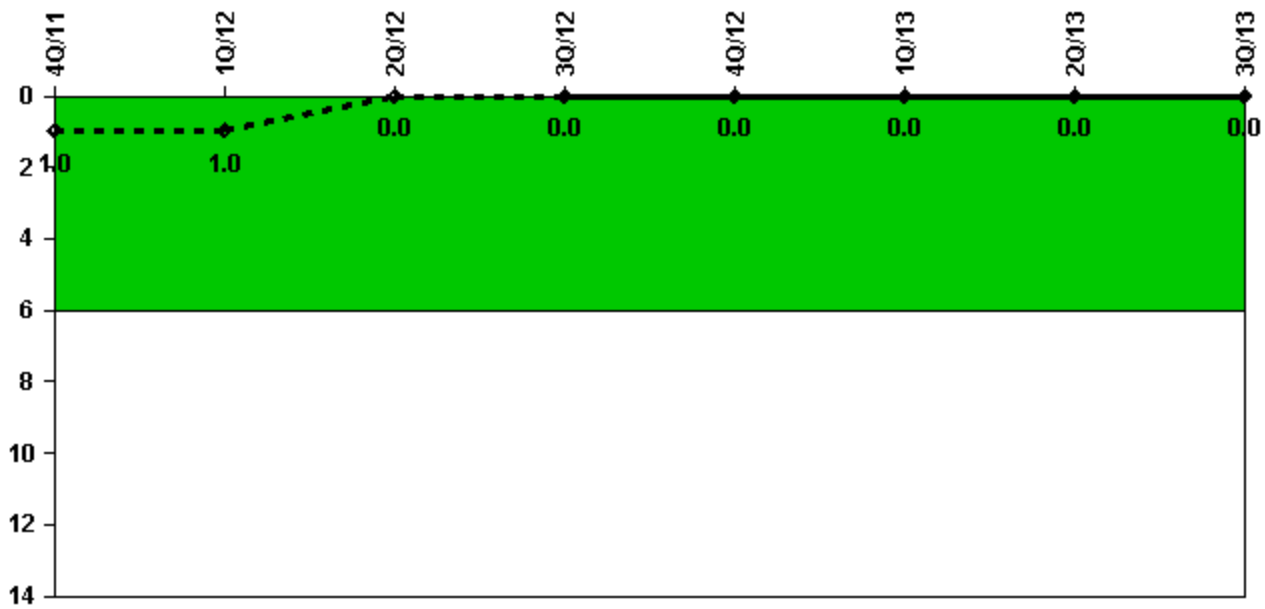
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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)



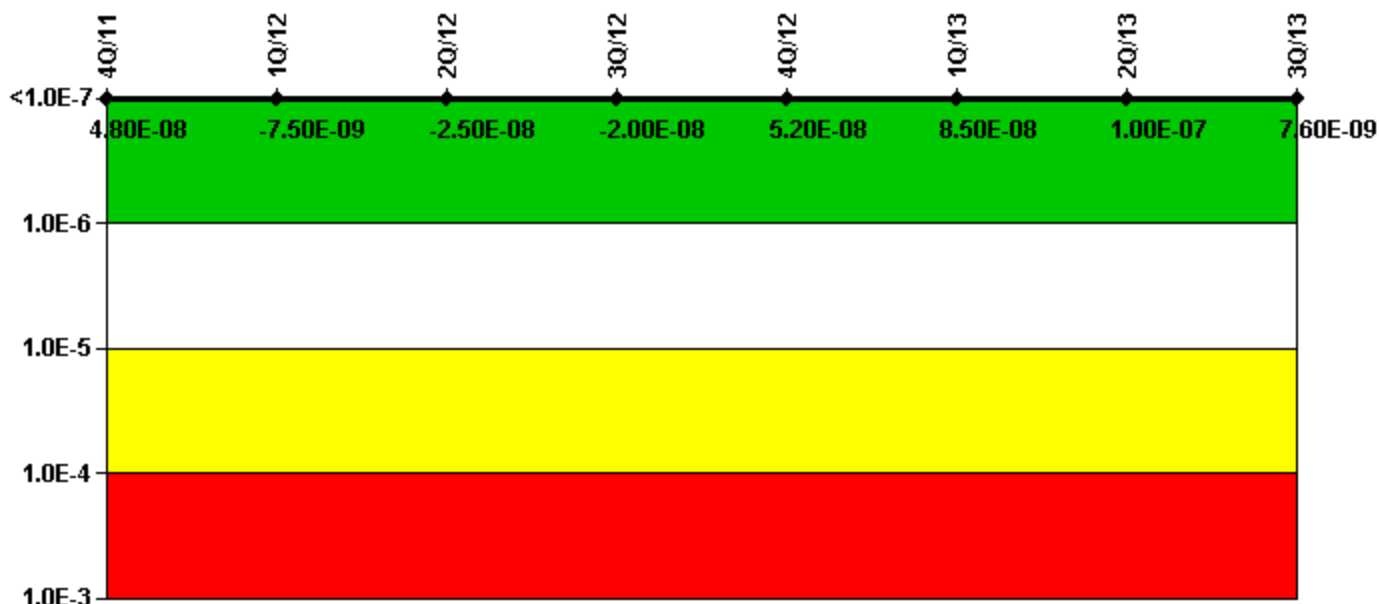
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



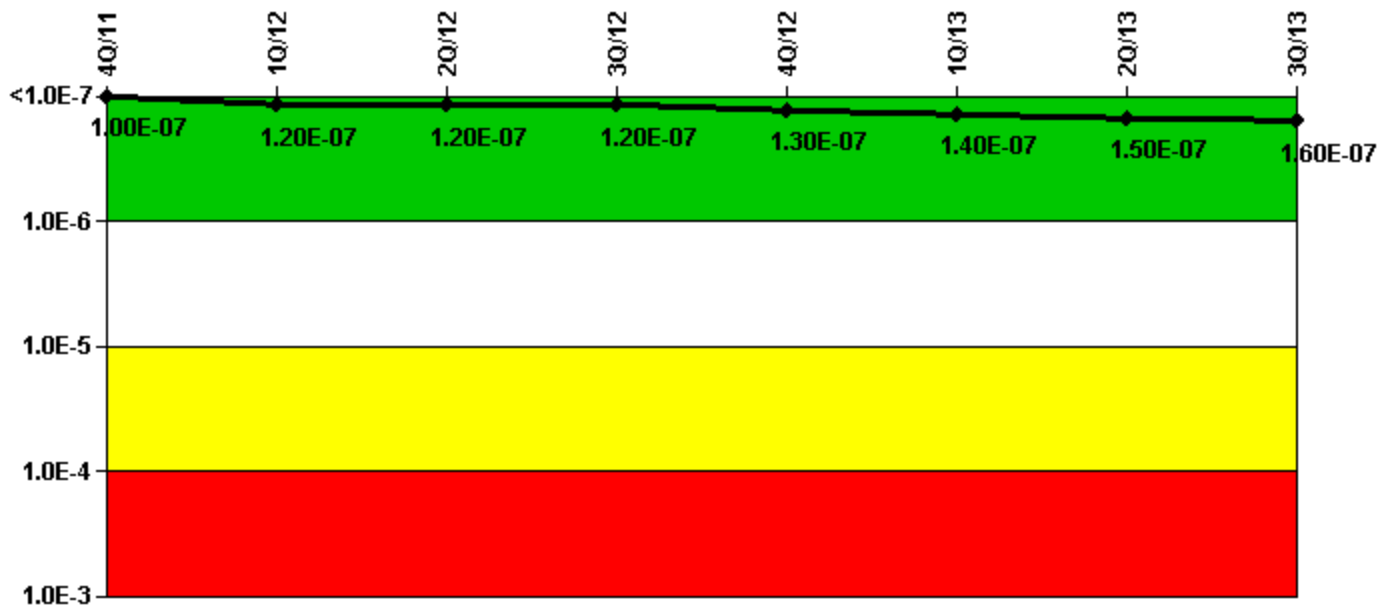
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|---|----------|-----------|-----------|-----------|----------|----------|----------|-----------|
| UAI (Δ CDF) | 1.18E-08 | 1.08E-08 | -1.31E-09 | -9.34E-11 | 7.10E-09 | 3.96E-08 | 5.19E-08 | 3.87E-08 |
| URI (Δ CDF) | 3.59E-08 | -1.83E-08 | -2.36E-08 | -1.96E-08 | 4.52E-08 | 4.57E-08 | 4.89E-08 | -3.11E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 4.80E-08 | -7.50E-09 | -2.50E-08 | -2.00E-08 | 5.20E-08 | 8.50E-08 | 1.00E-07 | 7.60E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



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

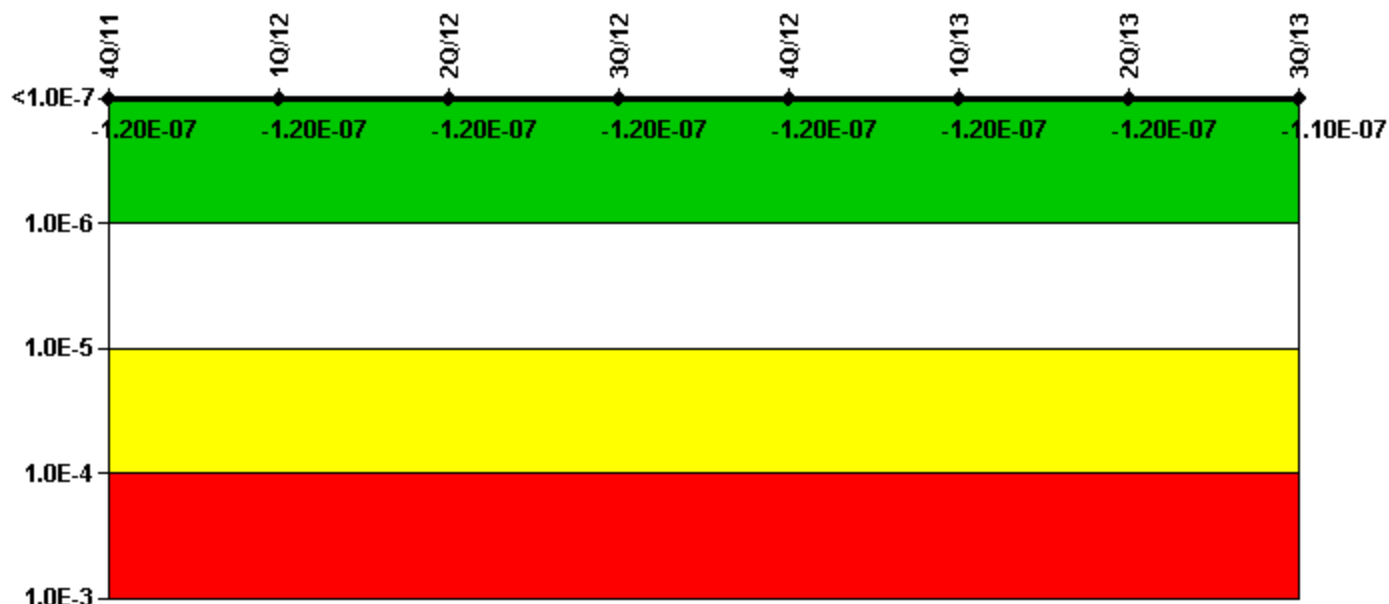
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.88E-08 | -1.70E-08 | -1.70E-08 | -1.63E-08 | -1.57E-08 | -1.57E-08 | -1.57E-08 | -1.63E-08 |
| URI (Δ CDF) | 1.31E-07 | 1.34E-07 | 1.38E-07 | 1.41E-07 | 1.50E-07 | 1.60E-07 | 1.70E-07 | 1.80E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.00E-07 | 1.20E-07 | 1.20E-07 | 1.20E-07 | 1.30E-07 | 1.40E-07 | 1.50E-07 | 1.60E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Heat Removal System



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

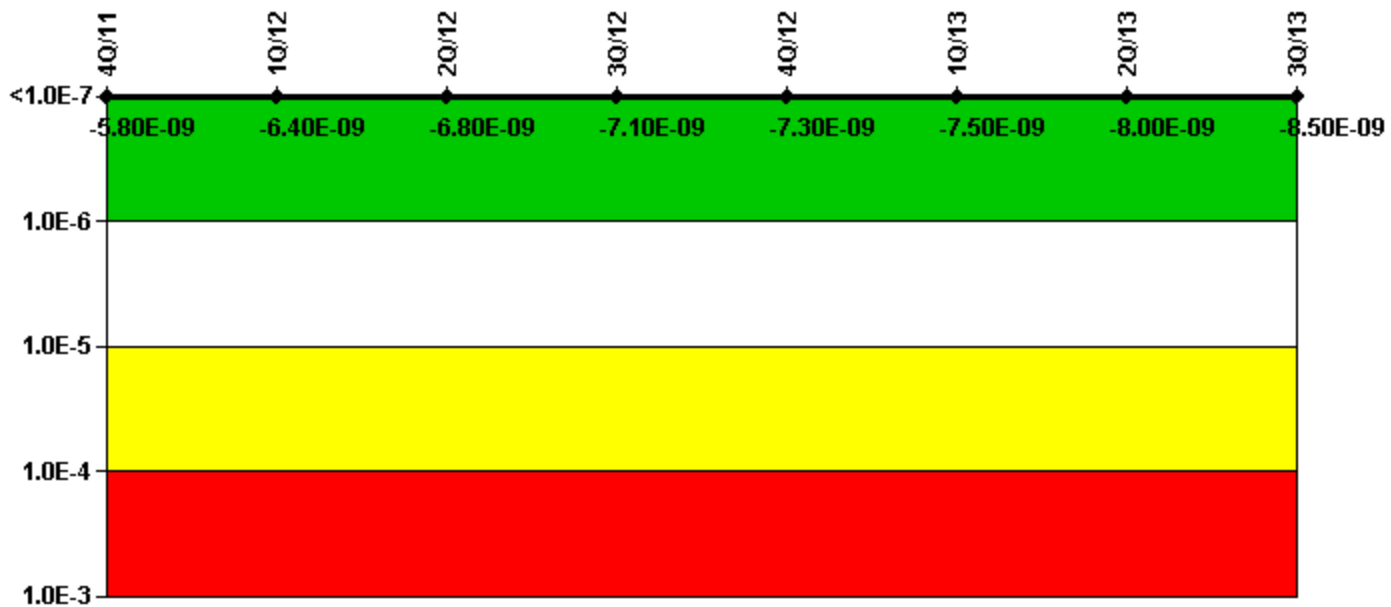
Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (ΔCDF) | -9.30E-08 | -9.24E-08 | -9.18E-08 | -9.11E-08 | -8.89E-08 | -8.65E-08 | -8.40E-08 | -8.14E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.10E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Residual Heat Removal System



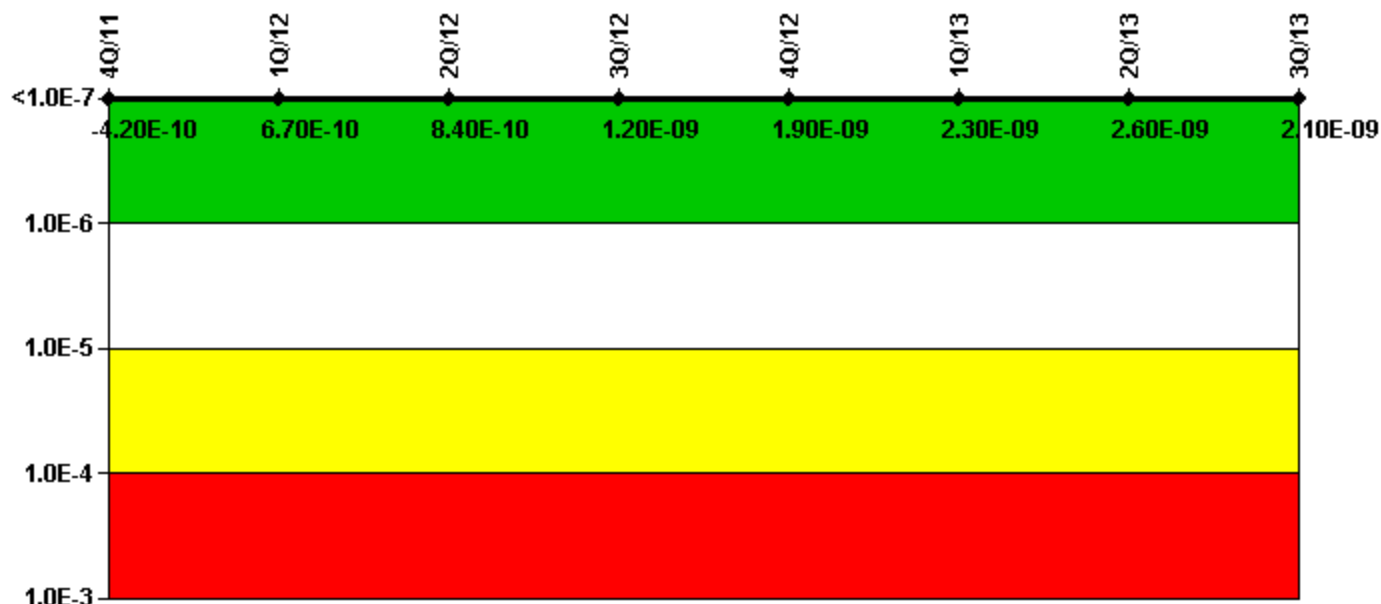
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.04E-10 | -3.04E-10 | -1.10E-10 | 8.40E-11 | 3.87E-10 | 6.60E-10 | 5.64E-10 | 5.02E-10 |
| URI (Δ CDF) | -5.53E-09 | -6.11E-09 | -6.65E-09 | -7.17E-09 | -7.67E-09 | -8.14E-09 | -8.60E-09 | -9.03E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -5.80E-09 | -6.40E-09 | -6.80E-09 | -7.10E-09 | -7.30E-09 | -7.50E-09 | -8.00E-09 | -8.50E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



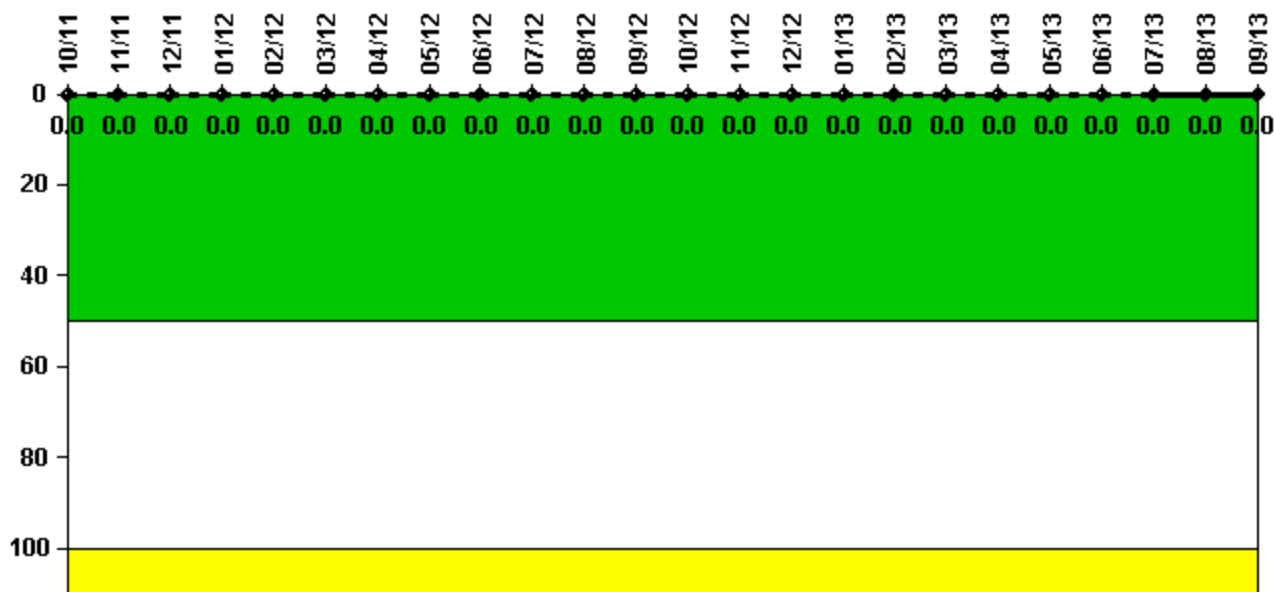
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.34E-09 | 2.40E-09 | 2.55E-09 | 2.93E-09 | 3.52E-09 | 3.94E-09 | 4.16E-09 | 3.68E-09 |
| URI (Δ CDF) | -1.76E-09 | -1.74E-09 | -1.71E-09 | -1.69E-09 | -1.66E-09 | -1.63E-09 | -1.60E-09 | -1.57E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -4.20E-10 | 6.70E-10 | 8.40E-10 | 1.20E-09 | 1.90E-09 | 2.30E-09 | 2.60E-09 | 2.10E-09 |

Licensee Comments: none

Reactor Coolant System Activity



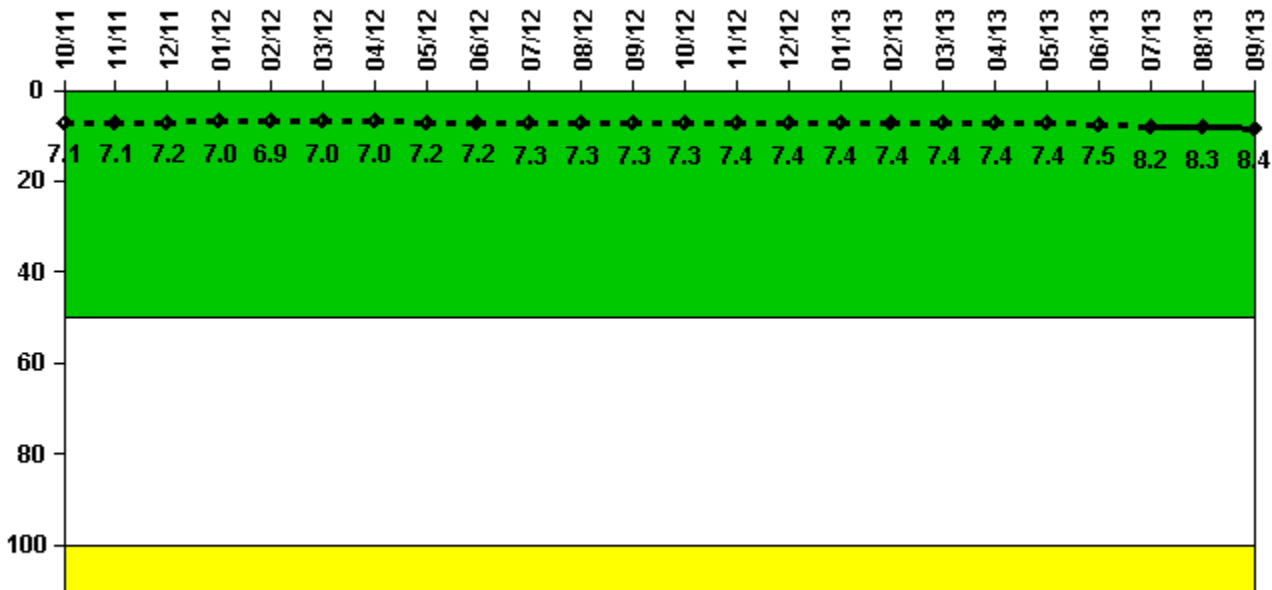
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 10/11 | 11/11 | 12/11 | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000027 | 0.000023 | 0.000022 | 0.000022 | 0.000020 | 0.000027 | 0.000020 | 0.000020 | 0.000020 | 0.000024 | 0.000021 | 0.000020 |
| 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 | 10/12 | 11/12 | 12/12 | 1/13 | 2/13 | 3/13 | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 |
| Maximum activity | 0.000021 | 0.000017 | 0.000016 | 0.000018 | 0.000017 | 0.000020 | 0.000017 | 0.000018 | 0.000019 | 0.000019 | 0.000019 | 0.000018 |
| 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

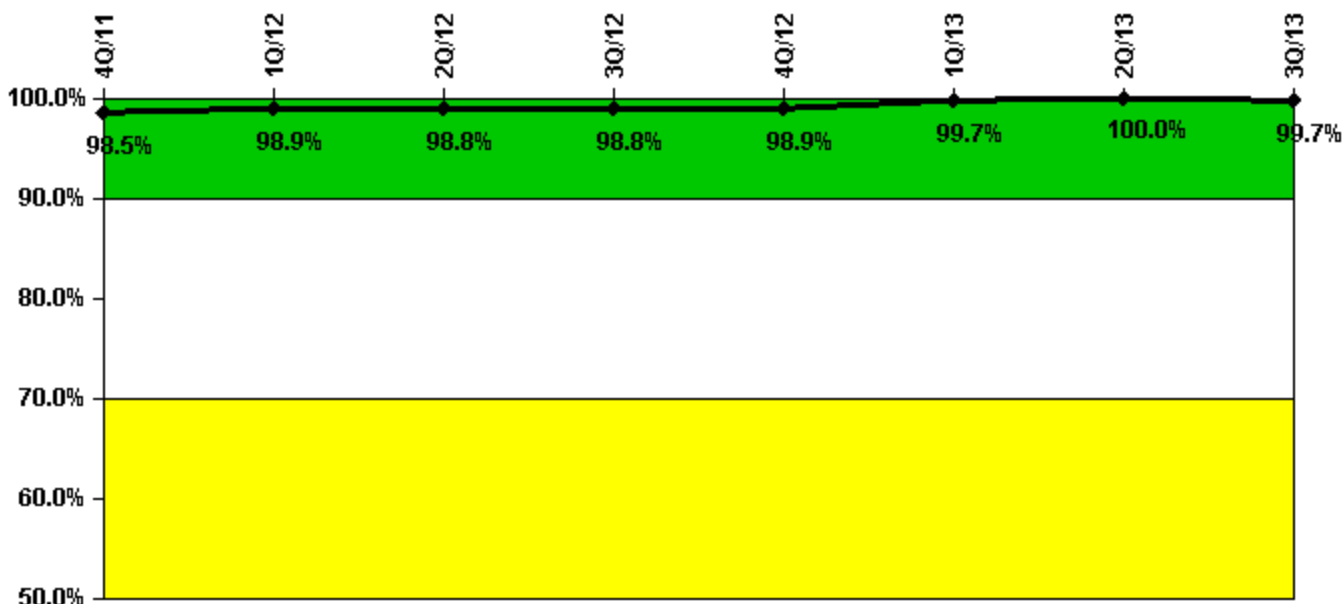
Notes

| Reactor Coolant System Leakage | 10/11 | 11/11 | 12/11 | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.780 | 1.780 | 1.790 | 1.740 | 1.720 | 1.750 | 1.750 | 1.790 | 1.810 | 1.820 | 1.820 | 1.820 |
| 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 | 7.1 | 7.1 | 7.2 | 7.0 | 6.9 | 7.0 | 7.0 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 |

| Reactor Coolant System Leakage | 10/12 | 11/12 | 12/12 | 1/13 | 2/13 | 3/13 | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.830 | 1.860 | 1.850 | 1.840 | 1.840 | 1.860 | 1.850 | 1.850 | 1.880 | 2.060 | 2.070 | 2.090 |
| 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 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 | 8.2 | 8.3 | 8.4 |

Licensee Comments: none

Drill/Exercise Performance



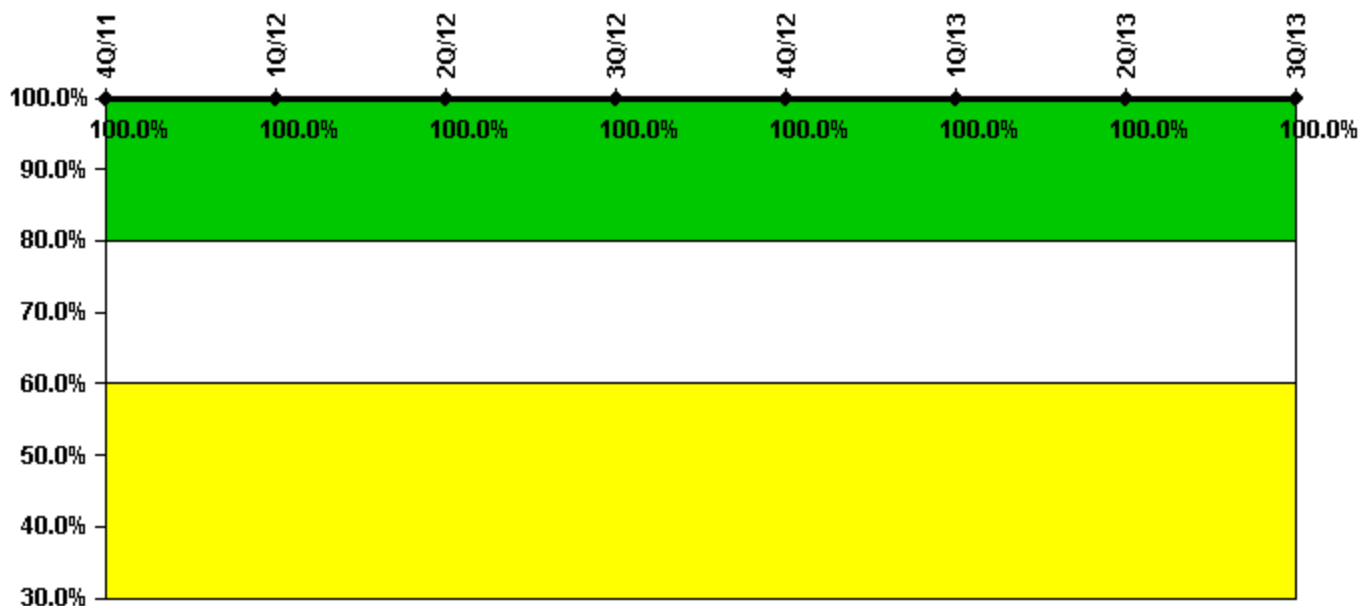
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|----------------------------|-------|-------|-------|-------|-------|-------|--------|-------|
| Successful opportunities | 36.0 | 93.0 | 32.0 | 15.0 | 57.0 | 81.0 | 71.0 | 9.0 |
| Total opportunities | 36.0 | 93.0 | 32.0 | 15.0 | 57.0 | 81.0 | 71.0 | 10.0 |
| Indicator value | 98.5% | 98.9% | 98.8% | 98.8% | 98.9% | 99.7% | 100.0% | 99.7% |

Licensee Comments: none

ERO Drill Participation



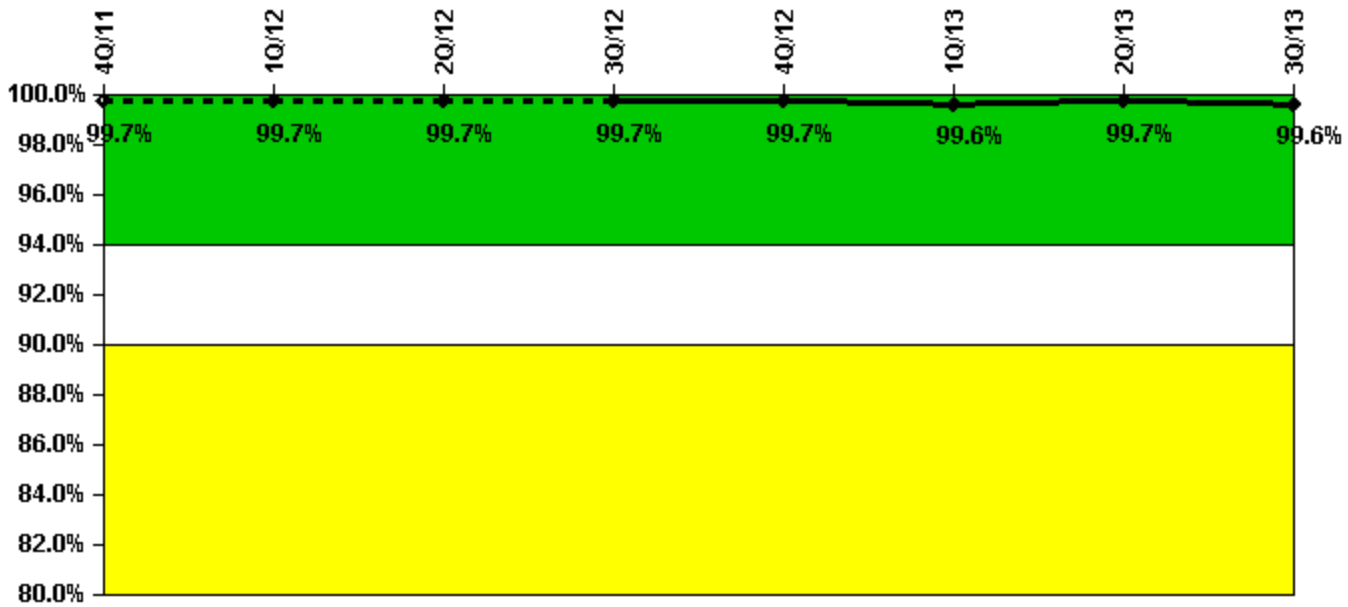
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 67.0 | 71.0 | 72.0 | 74.0 | 77.0 | 75.0 | 77.0 | 76.0 |
| Total Key personnel | 67.0 | 71.0 | 72.0 | 74.0 | 77.0 | 75.0 | 77.0 | 76.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



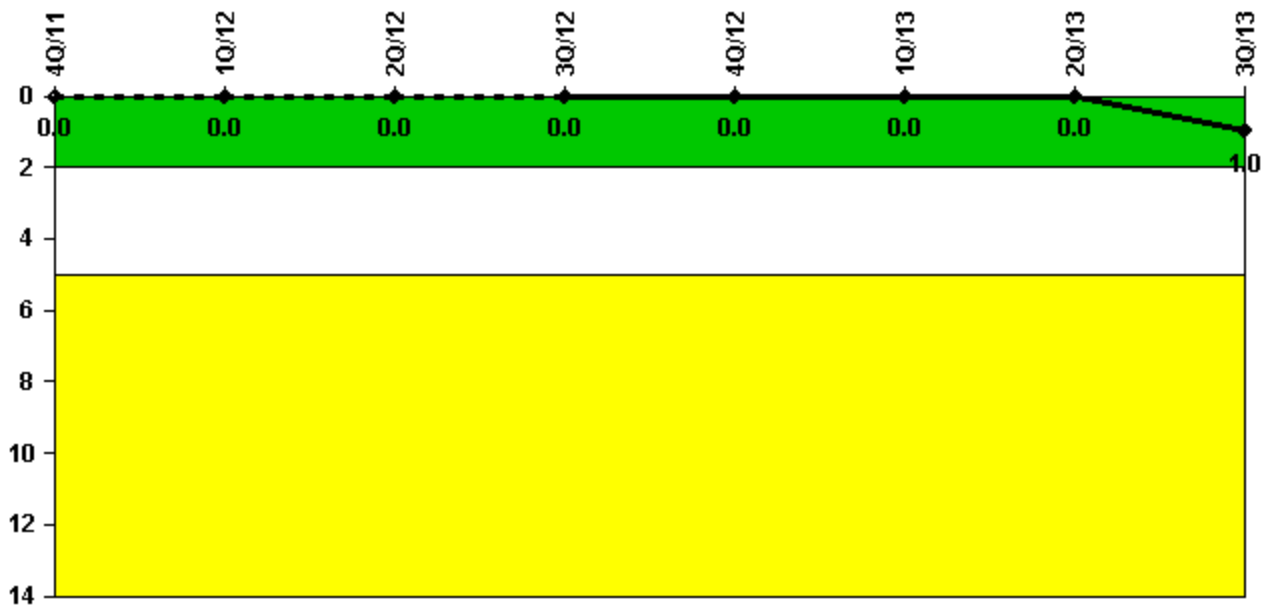
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1257 | 1258 | 1258 | 1257 | 1249 | 1256 | 1259 | 1256 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1255 | 1261 | 1261 | 1261 |
| Indicator value | 99.7% | 99.7% | 99.7% | 99.7% | 99.7% | 99.6% | 99.7% | 99.6% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



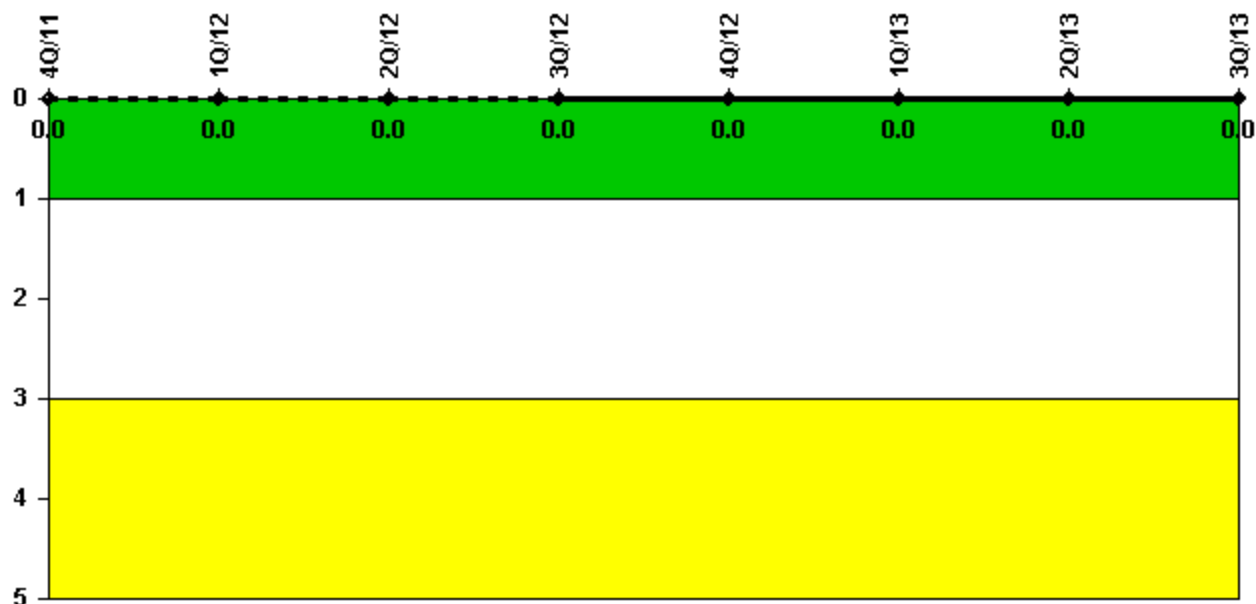
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/11 | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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: October 22, 2013

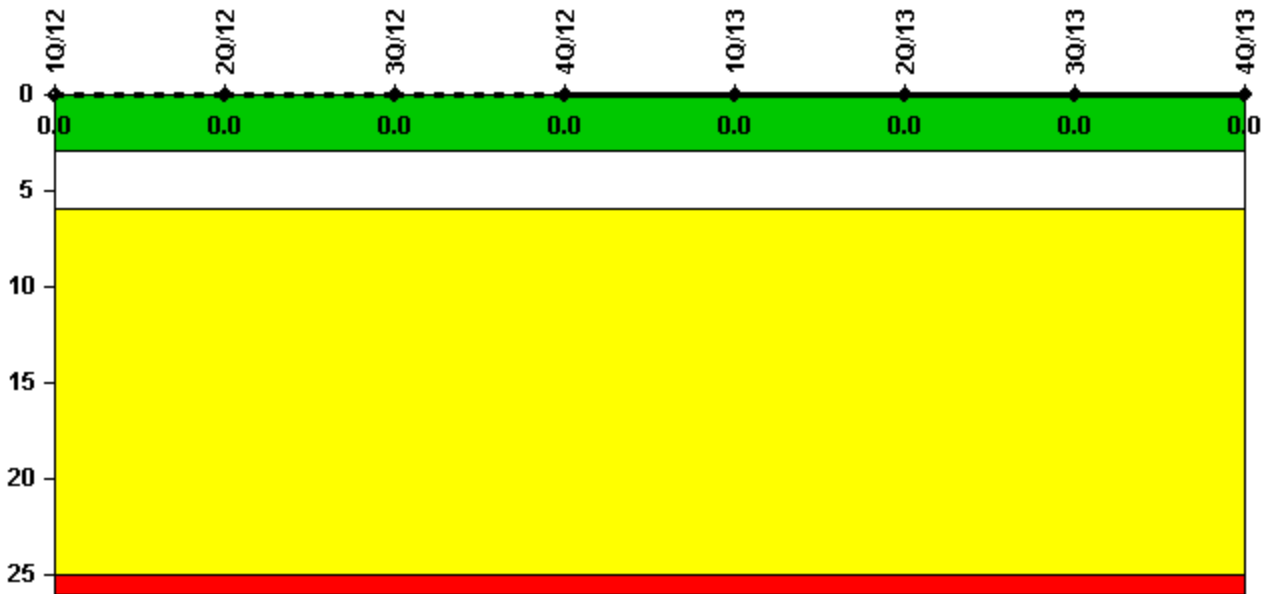
Peach Bottom 2

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



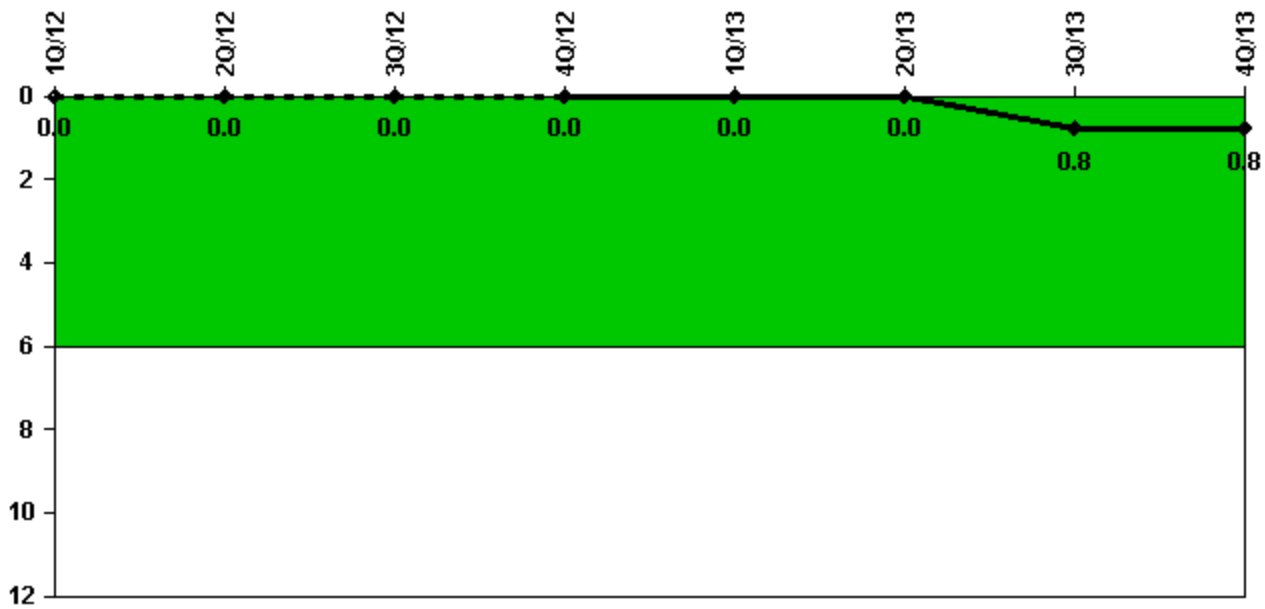
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2183.0 | 2184.0 | 1701.9 | 1797.6 | 2159.0 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



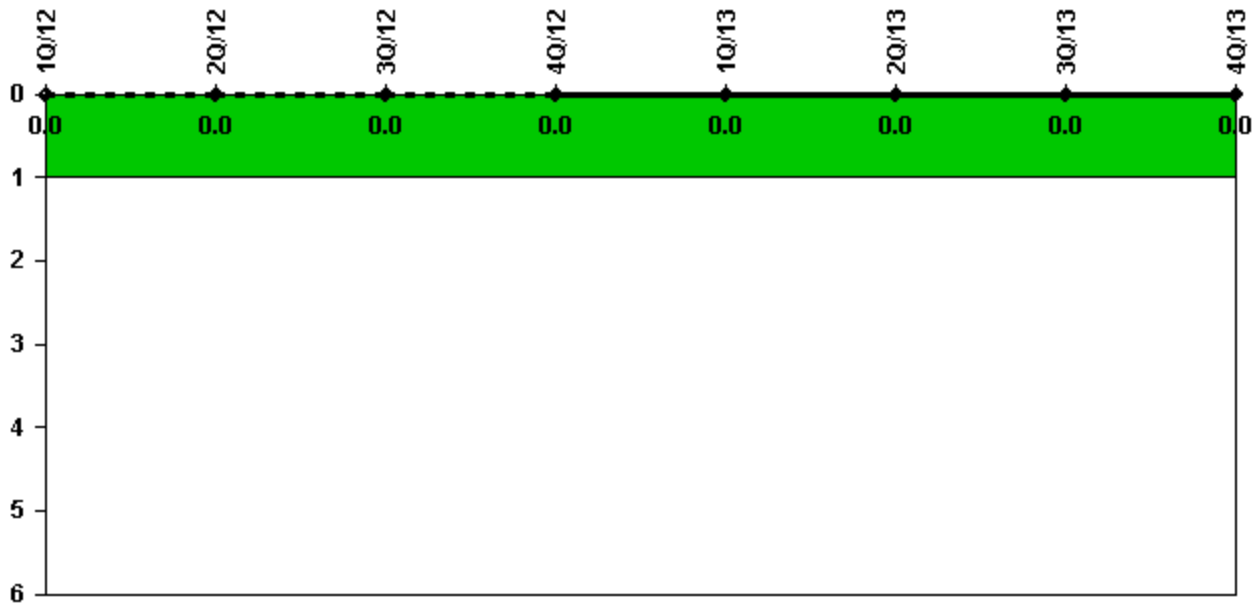
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|---|----------|----------|----------|----------|----------|----------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 |
| Critical hours | 2183.0 | 2184.0 | 1701.9 | 1797.6 | 2159.0 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0.8 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



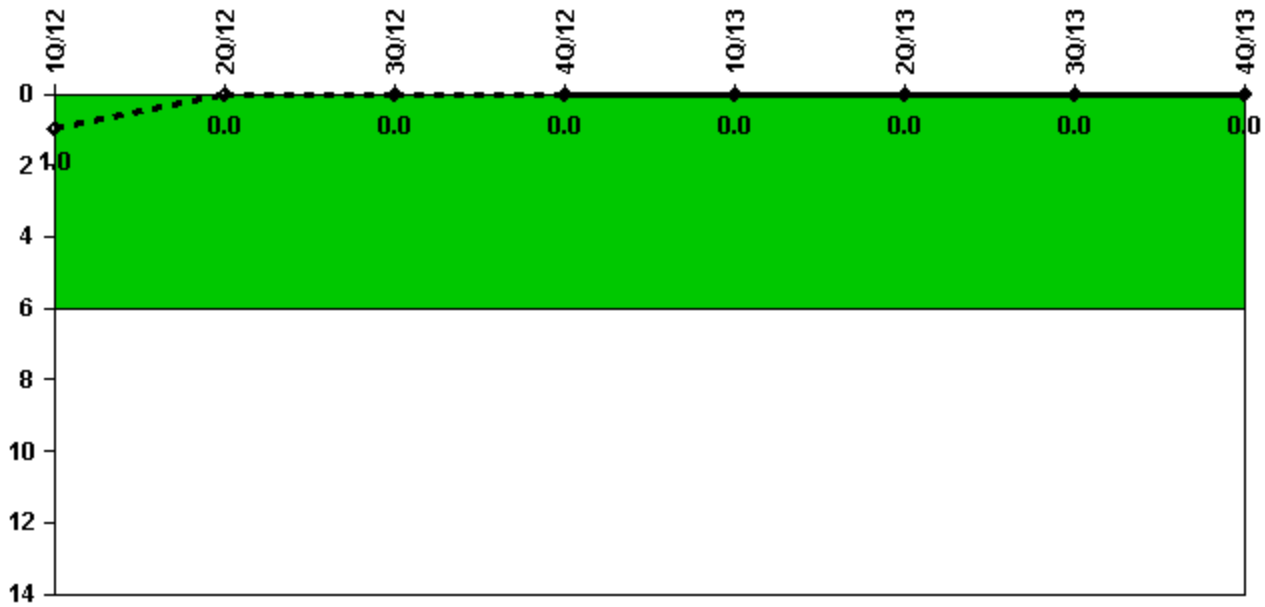
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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)



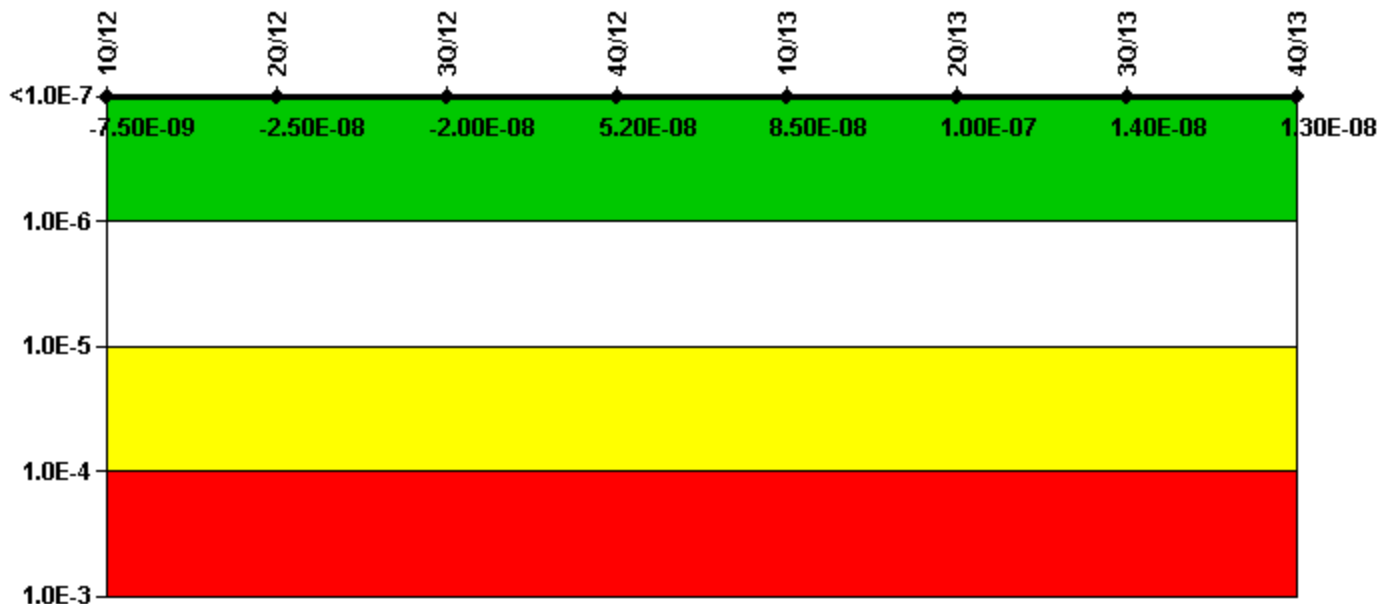
Thresholds: White > 6.0

Notes

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

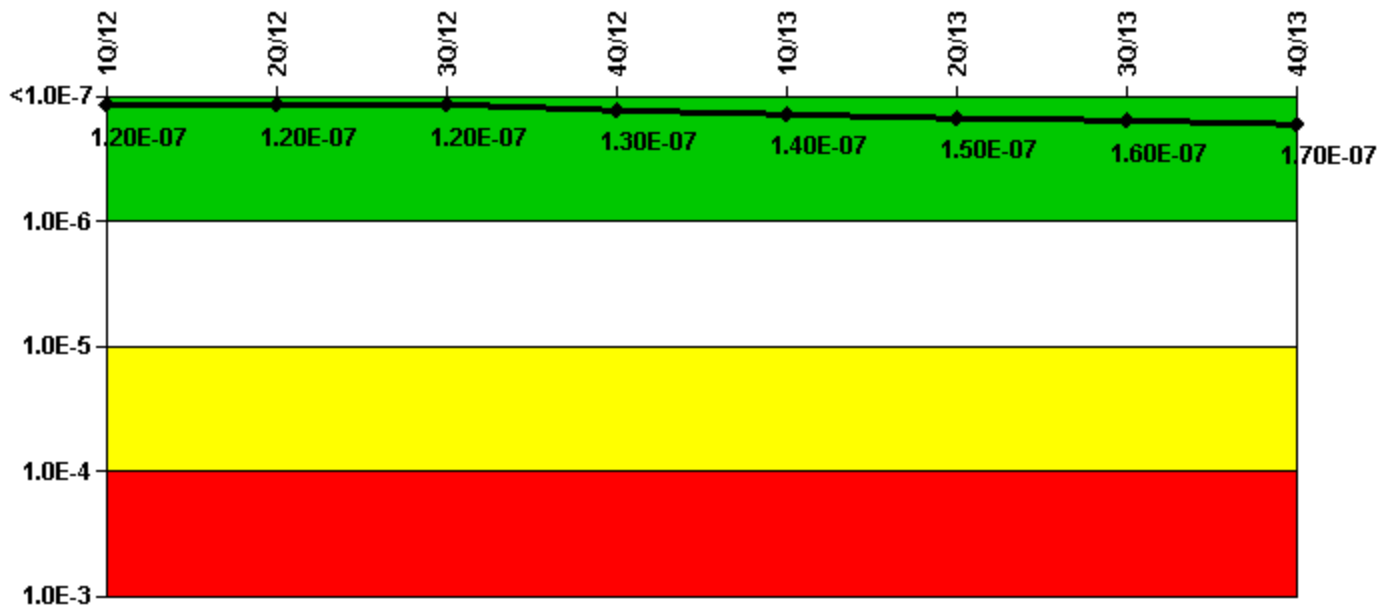
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|---|-----------|-----------|-----------|----------|----------|----------|-----------|-----------|
| UAI (Δ CDF) | 1.08E-08 | -1.31E-09 | -9.34E-11 | 7.10E-09 | 3.96E-08 | 5.19E-08 | 4.53E-08 | 4.38E-08 |
| URI (Δ CDF) | -1.83E-08 | -2.36E-08 | -1.96E-08 | 4.52E-08 | 4.57E-08 | 4.89E-08 | -3.11E-08 | -3.08E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.50E-09 | -2.50E-08 | -2.00E-08 | 5.20E-08 | 8.50E-08 | 1.00E-07 | 1.40E-08 | 1.30E-08 |

Licensee Comments:

3Q/13: Data correction to Unit 2 E2 EDG unavailability, 3Qtr2013. There is no change in threshold color.

Mitigating Systems Performance Index, High Pressure Injection System



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

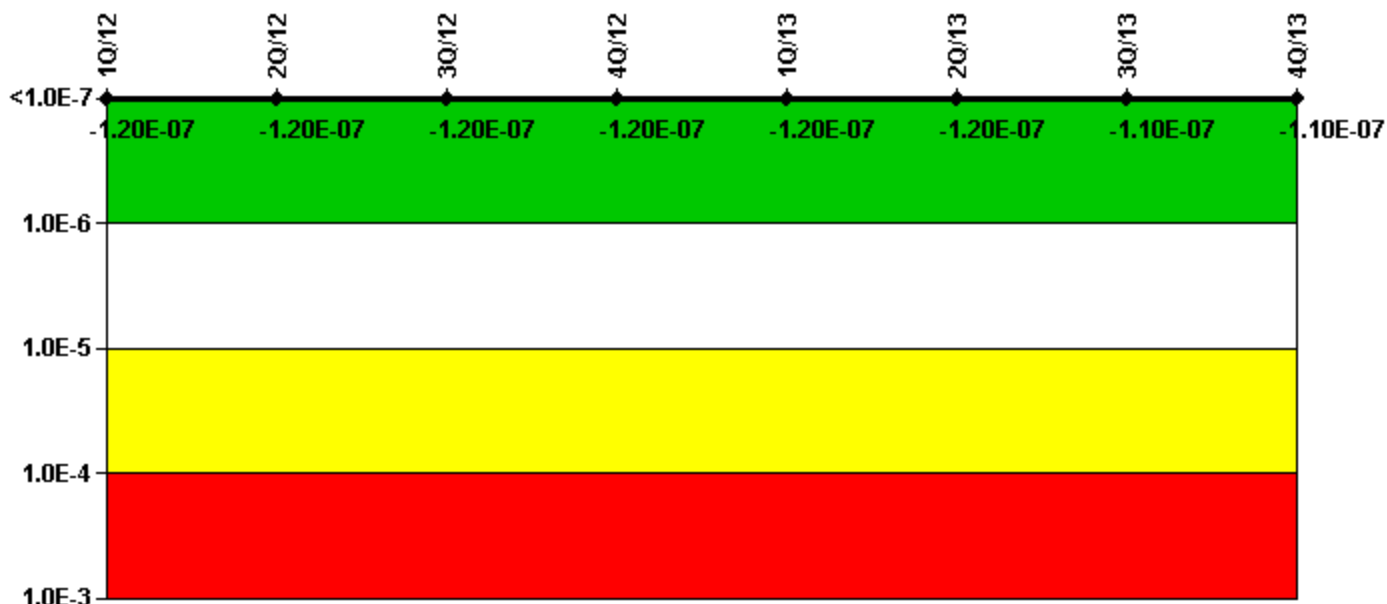
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.70E-08 | -1.70E-08 | -1.63E-08 | -1.57E-08 | -1.57E-08 | -1.57E-08 | -1.63E-08 | -1.65E-08 |
| URI (Δ CDF) | 1.34E-07 | 1.38E-07 | 1.41E-07 | 1.50E-07 | 1.60E-07 | 1.70E-07 | 1.80E-07 | 1.87E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.20E-07 | 1.20E-07 | 1.20E-07 | 1.30E-07 | 1.40E-07 | 1.50E-07 | 1.60E-07 | 1.70E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Heat Removal System



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

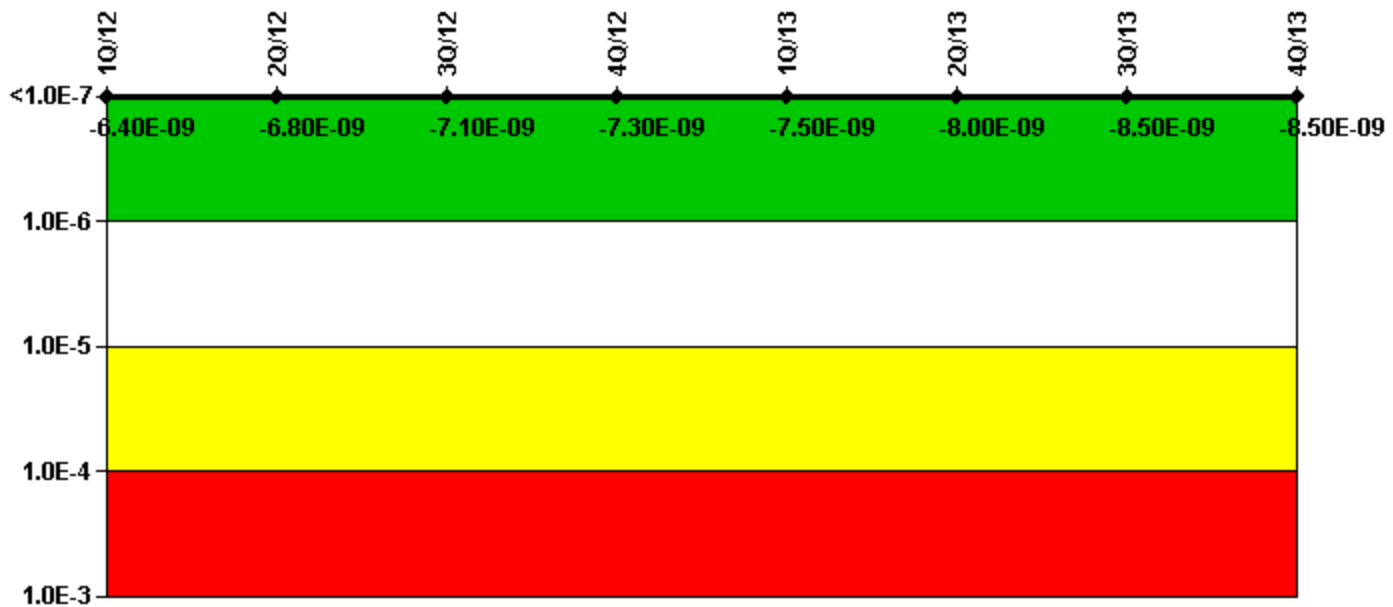
Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -9.24E-08 | -9.18E-08 | -9.11E-08 | -8.89E-08 | -8.65E-08 | -8.40E-08 | -8.14E-08 | -7.95E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.10E-07 | -1.10E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Residual Heat Removal System



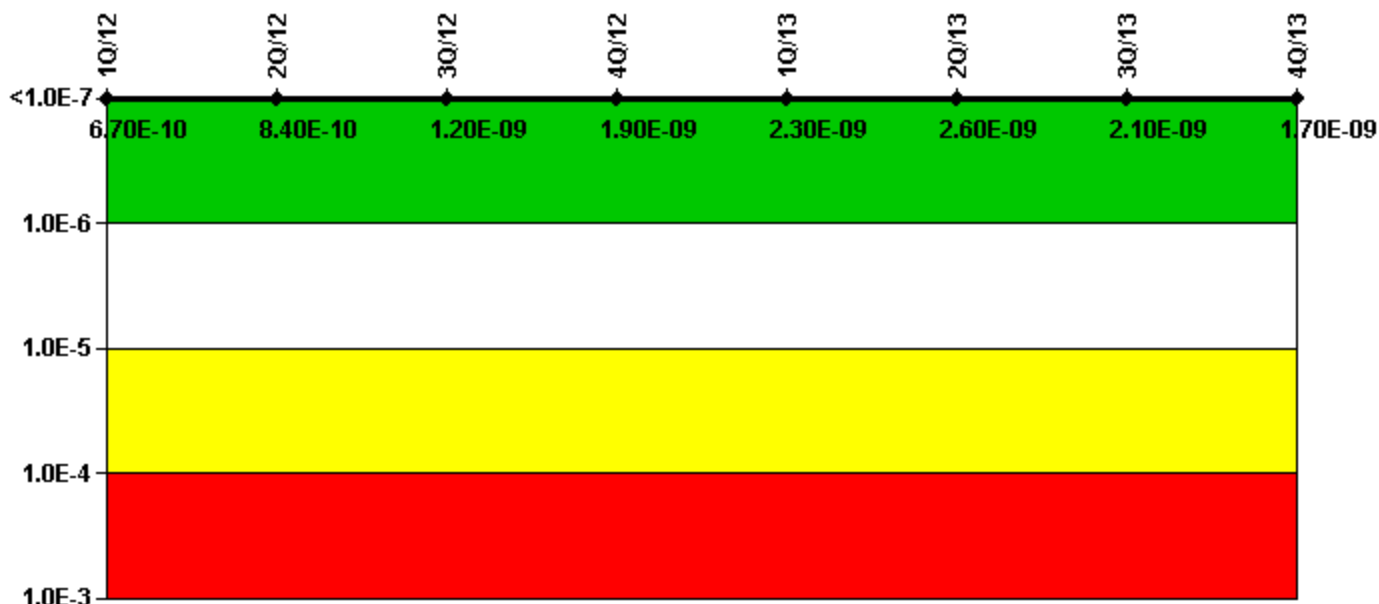
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.04E-10 | -1.10E-10 | 8.40E-11 | 3.87E-10 | 6.60E-10 | 5.64E-10 | 5.02E-10 | 5.06E-10 |
| URI (Δ CDF) | -6.11E-09 | -6.65E-09 | -7.17E-09 | -7.67E-09 | -8.14E-09 | -8.60E-09 | -9.03E-09 | -9.03E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -6.40E-09 | -6.80E-09 | -7.10E-09 | -7.30E-09 | -7.50E-09 | -8.00E-09 | -8.50E-09 | -8.50E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



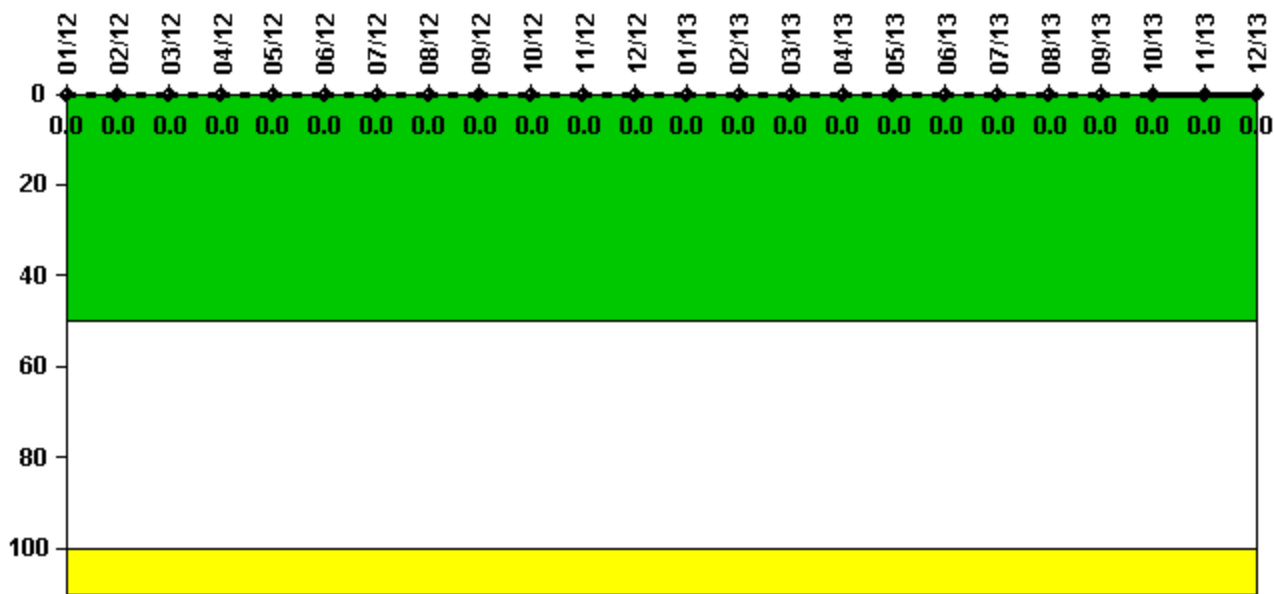
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 2.40E-09 | 2.55E-09 | 2.93E-09 | 3.52E-09 | 3.94E-09 | 4.16E-09 | 3.68E-09 | 3.24E-09 |
| URI (Δ CDF) | -1.74E-09 | -1.71E-09 | -1.69E-09 | -1.66E-09 | -1.63E-09 | -1.60E-09 | -1.57E-09 | -1.57E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 6.70E-10 | 8.40E-10 | 1.20E-09 | 1.90E-09 | 2.30E-09 | 2.60E-09 | 2.10E-09 | 1.70E-09 |

Licensee Comments: none

Reactor Coolant System Activity



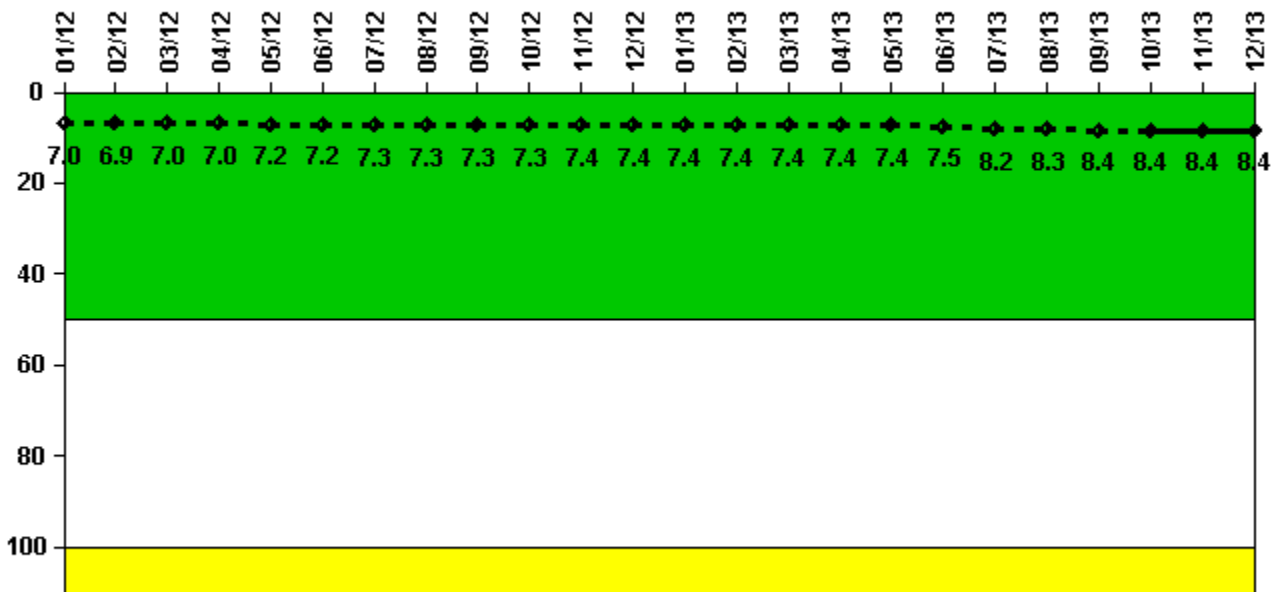
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000022 | 0.000020 | 0.000027 | 0.000020 | 0.000020 | 0.000020 | 0.000024 | 0.000021 | 0.000020 | 0.000021 | 0.000017 | 0.000016 |
| 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 | 1/13 | 2/13 | 3/13 | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 |
| Maximum activity | 0.000018 | 0.000017 | 0.000020 | 0.000017 | 0.000018 | 0.000019 | 0.000019 | 0.000019 | 0.000018 | 0.000018 | 0.000018 | 0.000018 |
| 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



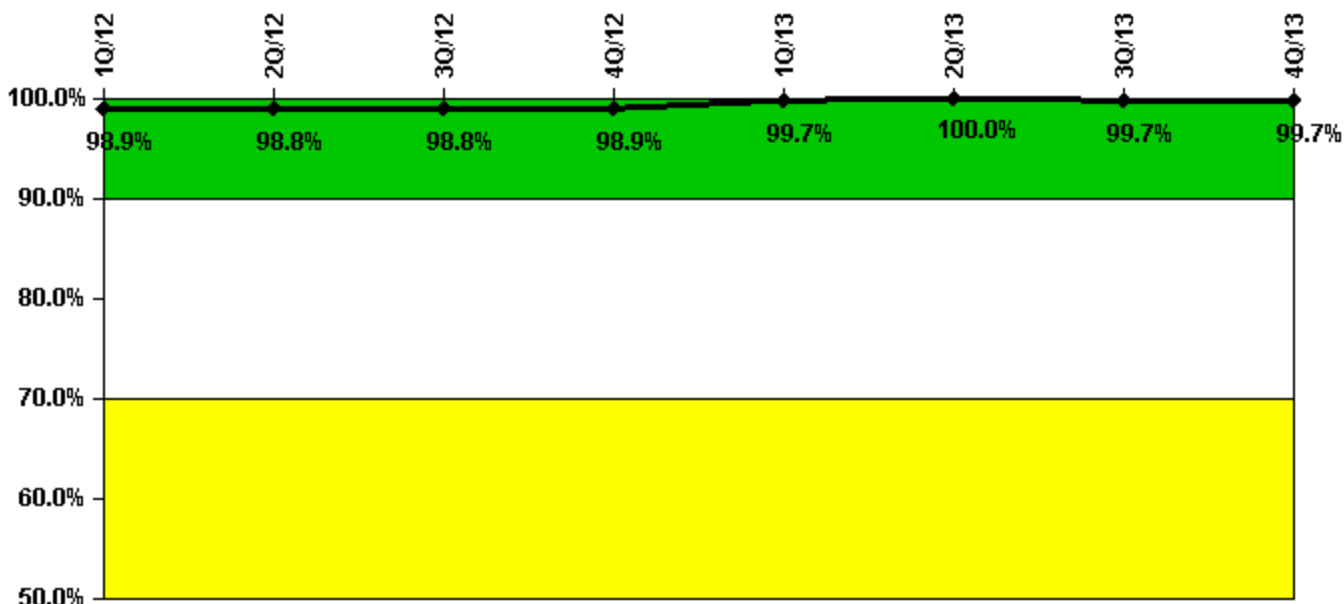
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 1/12 | 2/12 | 3/12 | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum leakage | 1.740 | 1.720 | 1.750 | 1.750 | 1.790 | 1.810 | 1.820 | 1.820 | 1.820 | 1.830 | 1.860 | 1.850 |
| 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 | 7.0 | 6.9 | 7.0 | 7.0 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.3 | 7.4 | 7.4 |
| Reactor Coolant System Leakage | 1/13 | 2/13 | 3/13 | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 |
| Maximum leakage | 1.840 | 1.840 | 1.860 | 1.850 | 1.850 | 1.880 | 2.060 | 2.070 | 2.090 | 2.110 | 2.100 | 2.100 |
| 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 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 |

Licensee Comments: none

Drill/Exercise Performance



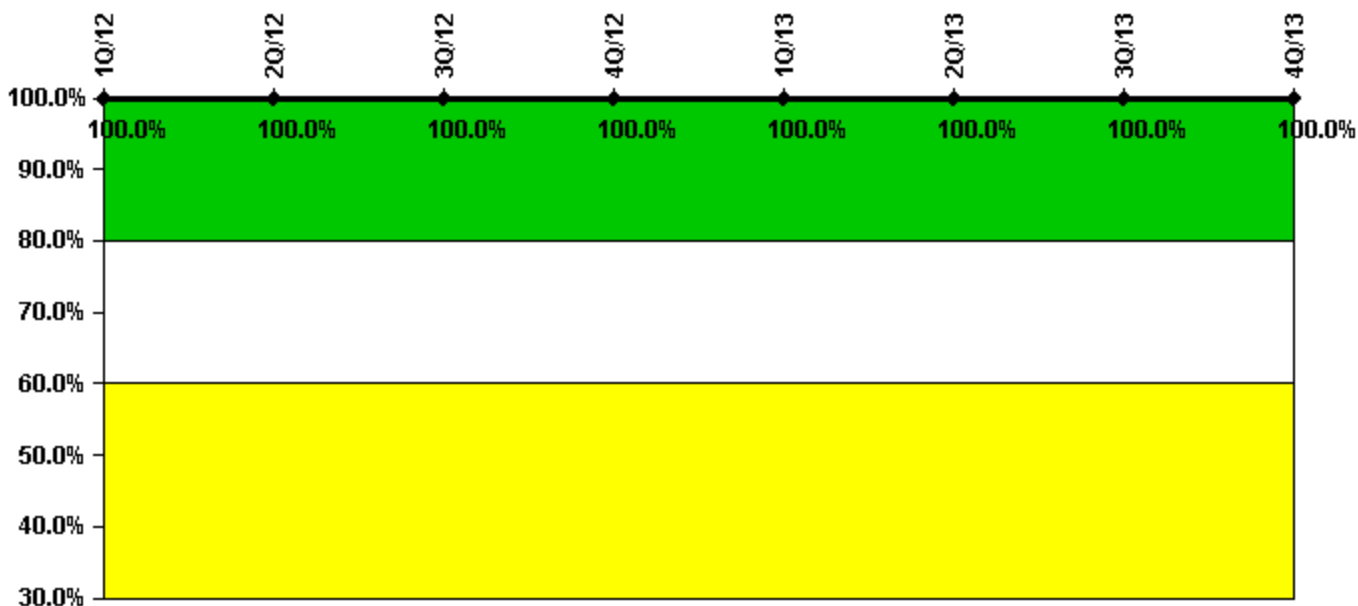
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|----------------------------|-------|-------|-------|-------|-------|--------|-------|-------|
| Successful opportunities | 93.0 | 32.0 | 15.0 | 57.0 | 81.0 | 71.0 | 9.0 | 27.0 |
| Total opportunities | 93.0 | 32.0 | 15.0 | 57.0 | 81.0 | 71.0 | 10.0 | 27.0 |
| Indicator value | 98.9% | 98.8% | 98.8% | 98.9% | 99.7% | 100.0% | 99.7% | 99.7% |

Licensee Comments: none

ERO Drill Participation



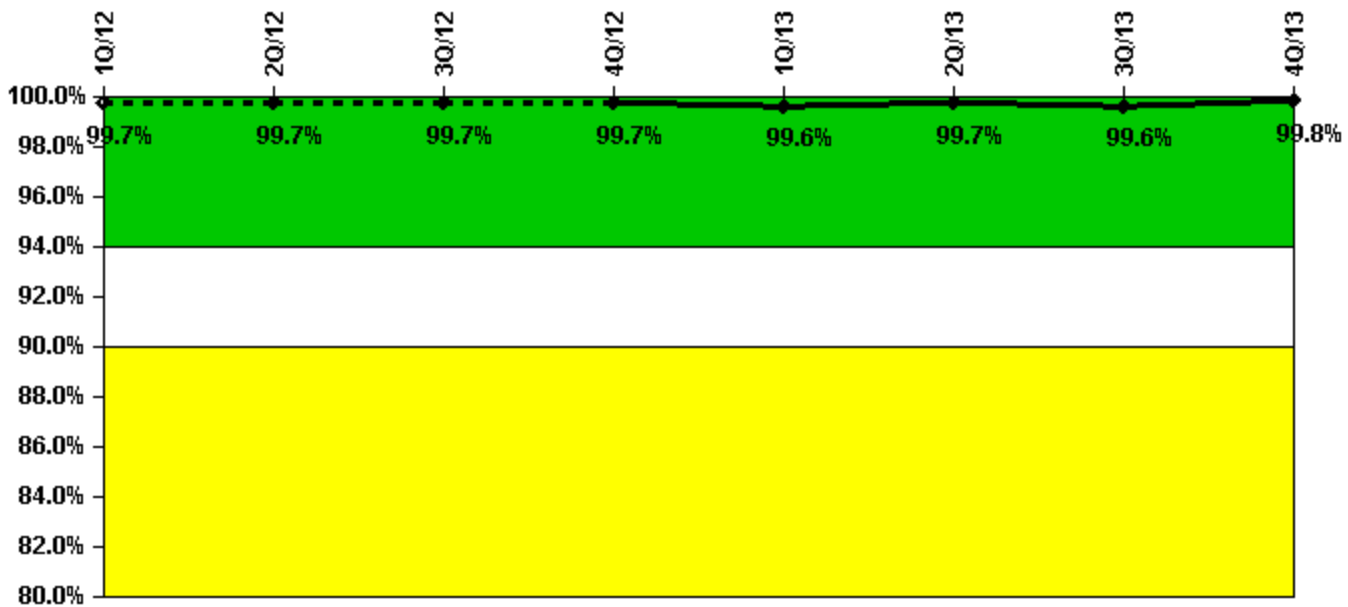
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 71.0 | 72.0 | 74.0 | 77.0 | 75.0 | 77.0 | 76.0 | 75.0 |
| Total Key personnel | 71.0 | 72.0 | 74.0 | 77.0 | 75.0 | 77.0 | 76.0 | 75.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



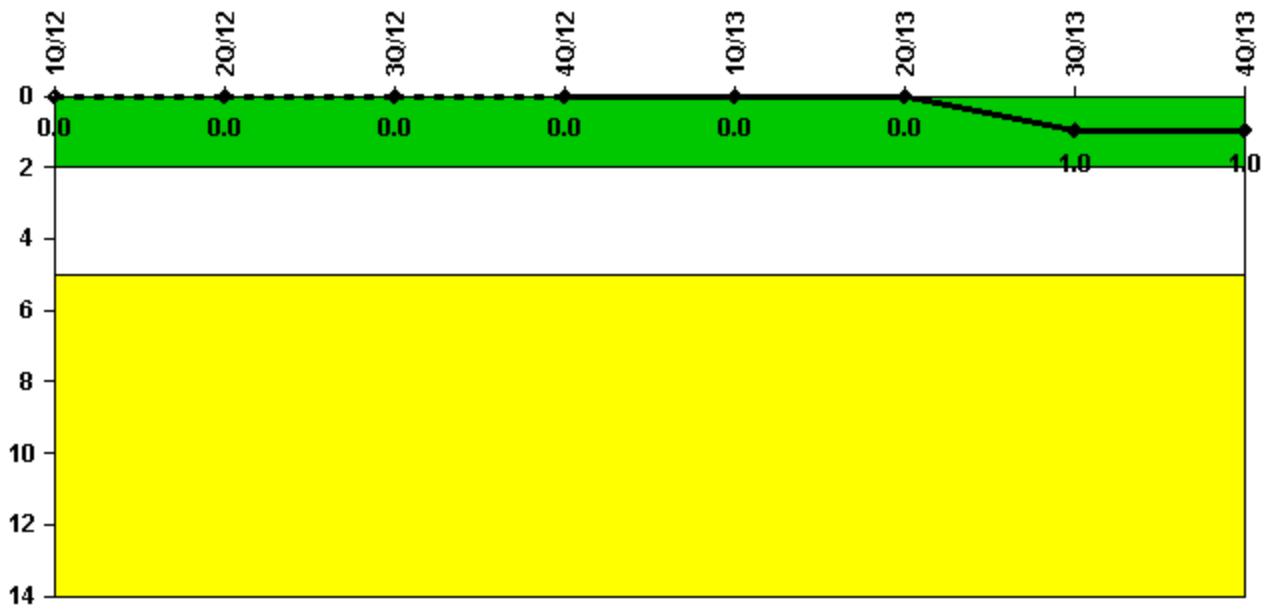
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1258 | 1258 | 1257 | 1249 | 1256 | 1259 | 1256 | 1261 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1255 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 99.7% | 99.7% | 99.7% | 99.7% | 99.6% | 99.7% | 99.6% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



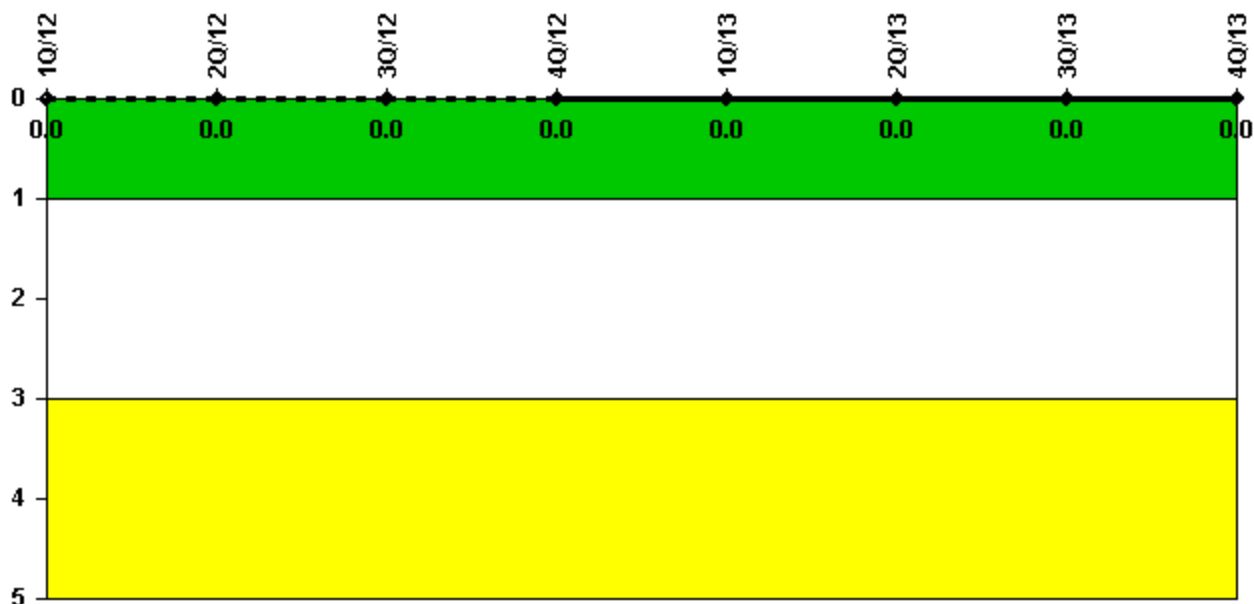
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 1Q/12 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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: January 22, 2014

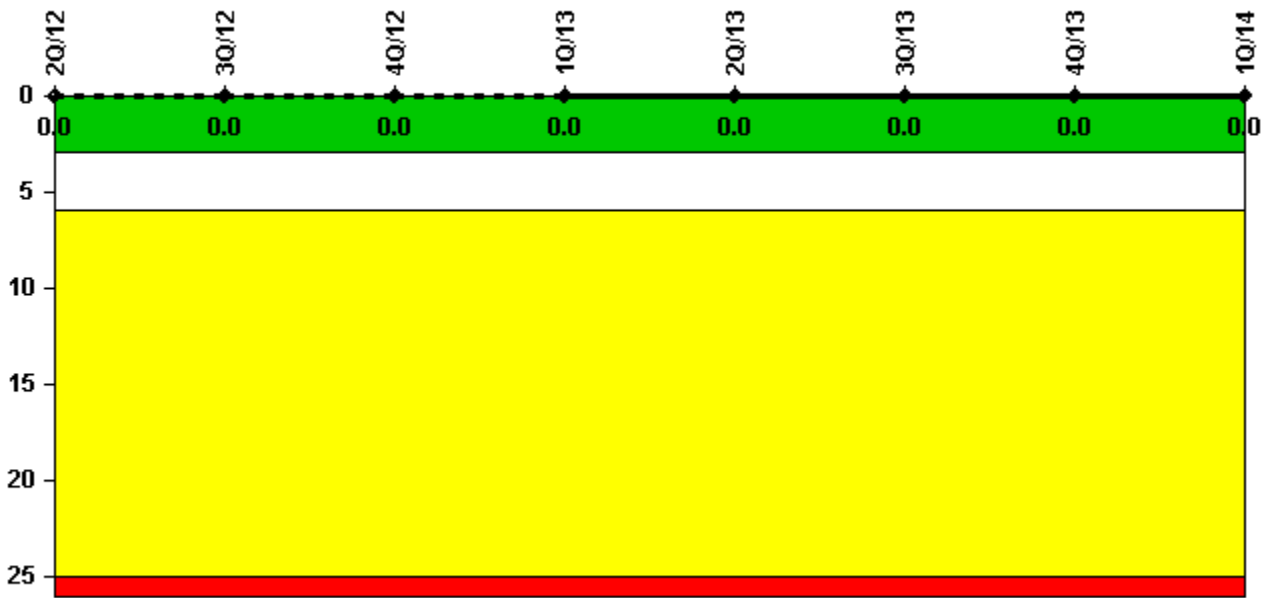
Peach Bottom 2

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: Change report update applies to MS10 4Q2013 forward. This correction did not result in a threshold exceeded or change of color.

Unplanned Scrams per 7000 Critical Hrs



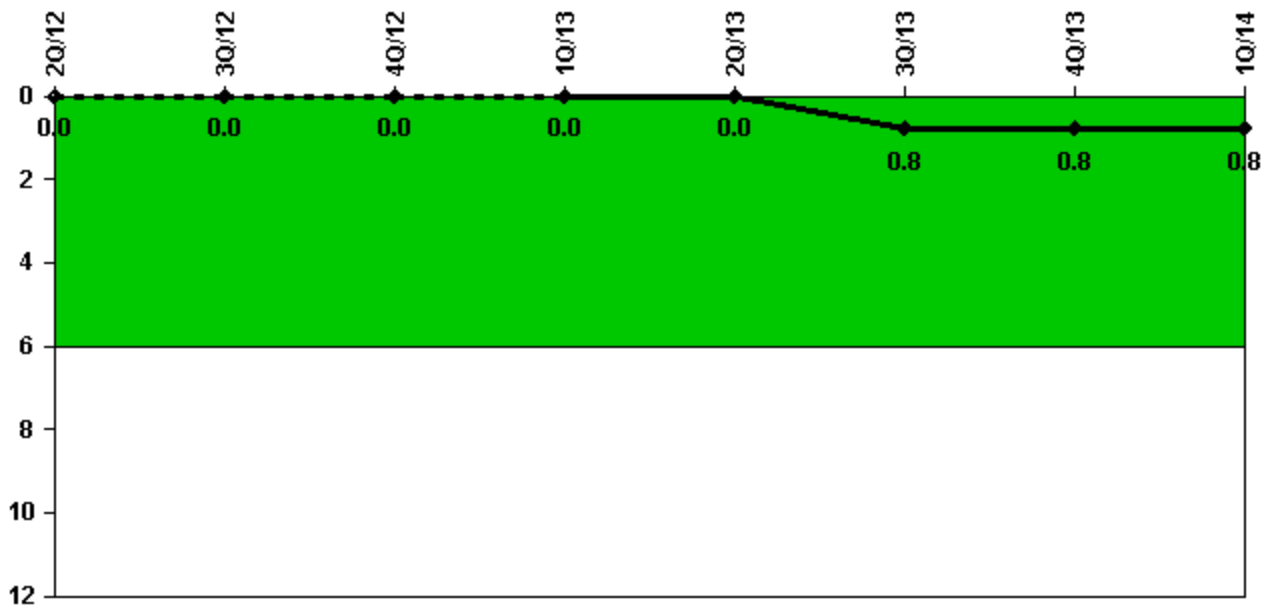
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 1701.9 | 1797.6 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



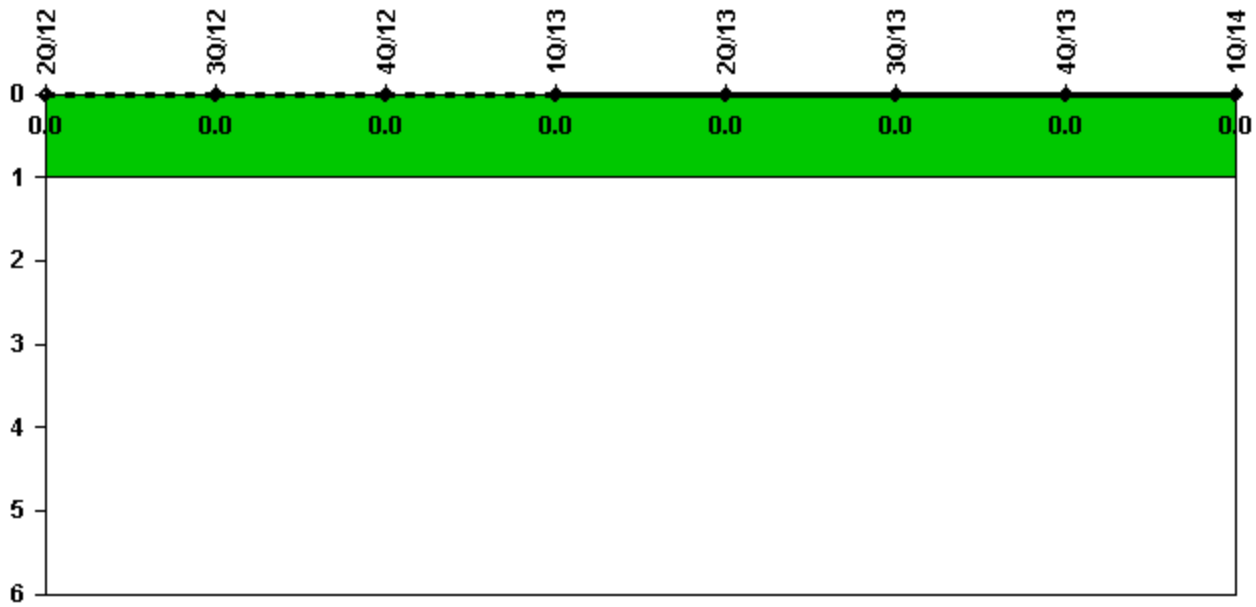
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|---|----------|----------|----------|----------|----------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2184.0 | 1701.9 | 1797.6 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



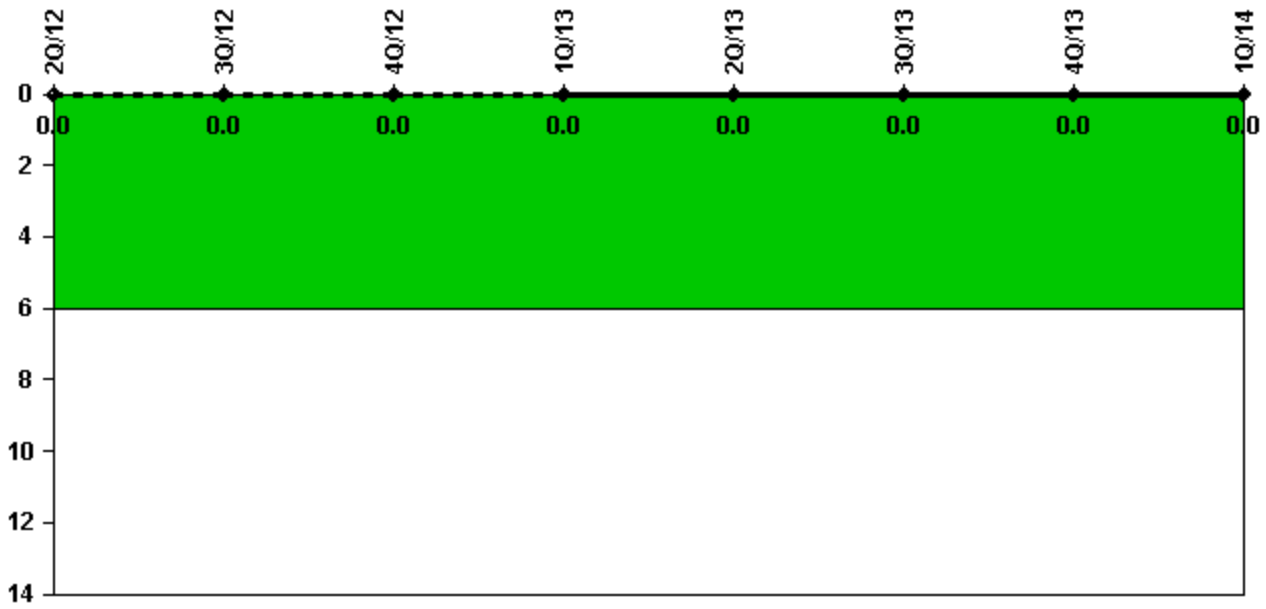
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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)



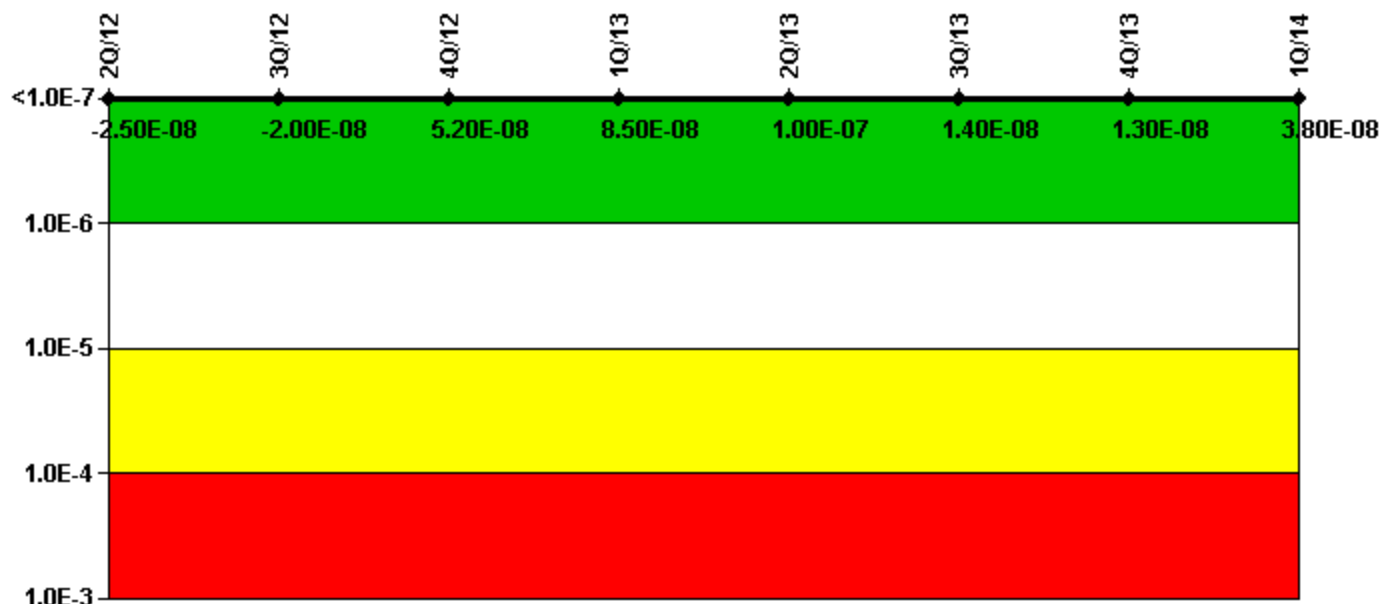
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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

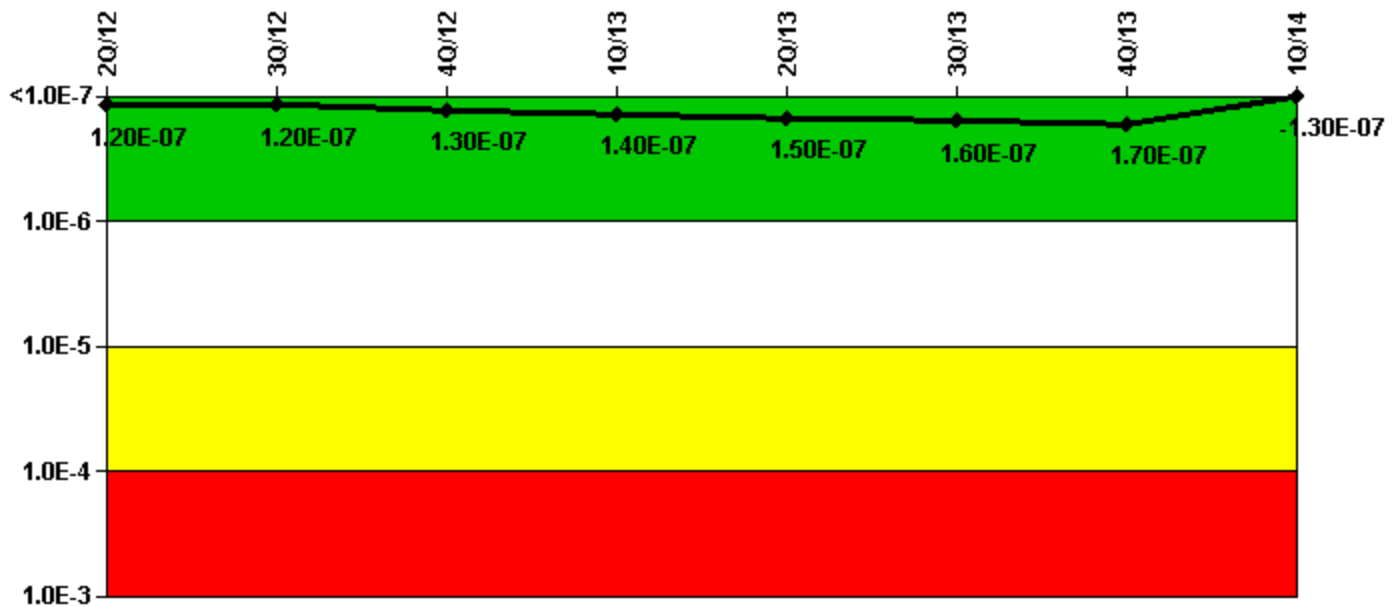
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|---|-----------|-----------|----------|----------|----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.31E-09 | -9.34E-11 | 7.10E-09 | 3.96E-08 | 5.19E-08 | 4.53E-08 | 4.38E-08 | 6.34E-08 |
| URI (Δ CDF) | -2.36E-08 | -1.96E-08 | 4.52E-08 | 4.57E-08 | 4.89E-08 | -3.11E-08 | -3.08E-08 | -2.49E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.50E-08 | -2.00E-08 | 5.20E-08 | 8.50E-08 | 1.00E-07 | 1.40E-08 | 1.30E-08 | 3.80E-08 |

Licensee Comments:

3Q/13: Data correction to Unit 2 E2 EDG unavailability, 3Qtr2013. There is no change in threshold color.

Mitigating Systems Performance Index, High Pressure Injection System



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

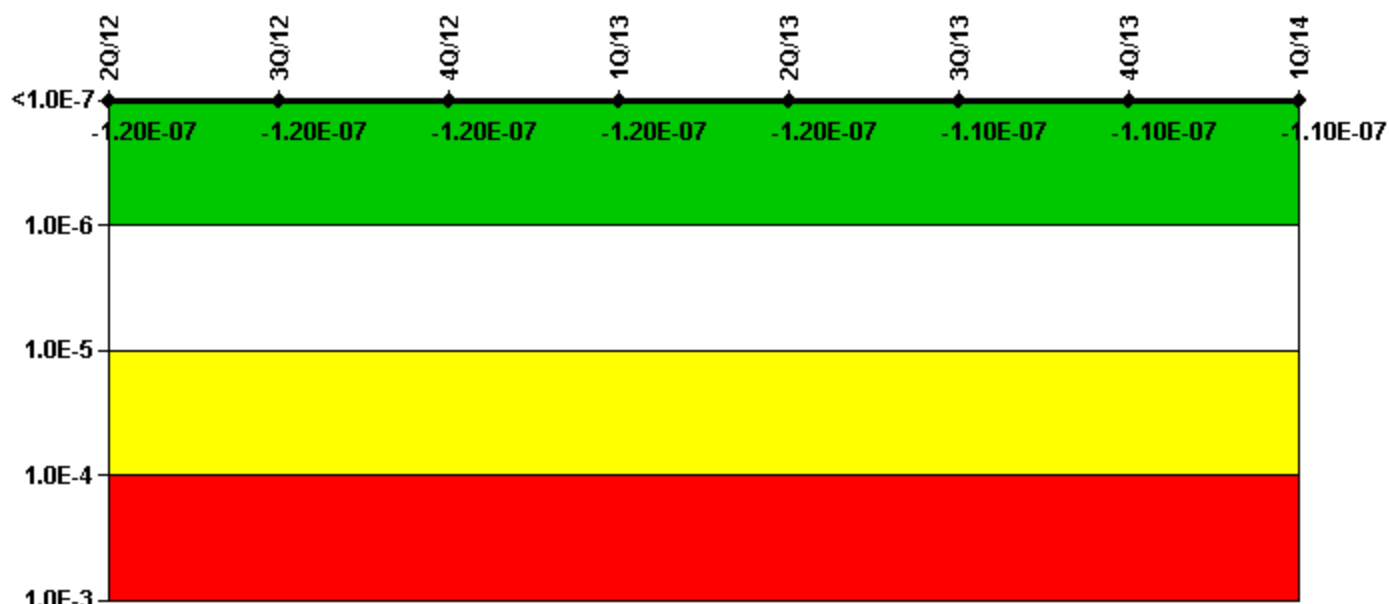
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -1.70E-08 | -1.63E-08 | -1.57E-08 | -1.57E-08 | -1.57E-08 | -1.63E-08 | -1.65E-08 | -2.74E-08 |
| URI (ΔCDF) | 1.38E-07 | 1.41E-07 | 1.50E-07 | 1.60E-07 | 1.70E-07 | 1.80E-07 | 1.87E-07 | -1.01E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.20E-07 | 1.20E-07 | 1.30E-07 | 1.40E-07 | 1.50E-07 | 1.60E-07 | 1.70E-07 | -1.30E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Heat Removal System



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

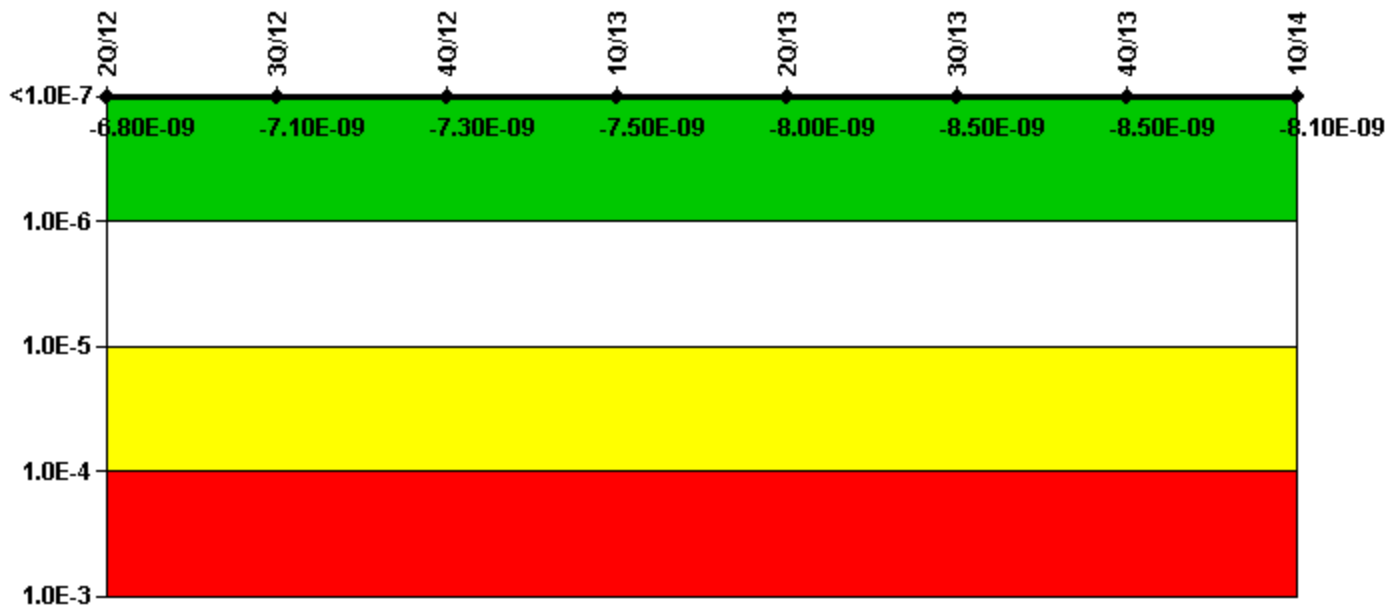
Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -9.18E-08 | -9.11E-08 | -8.89E-08 | -8.65E-08 | -8.40E-08 | -8.14E-08 | -7.95E-08 | -7.75E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Residual Heat Removal System



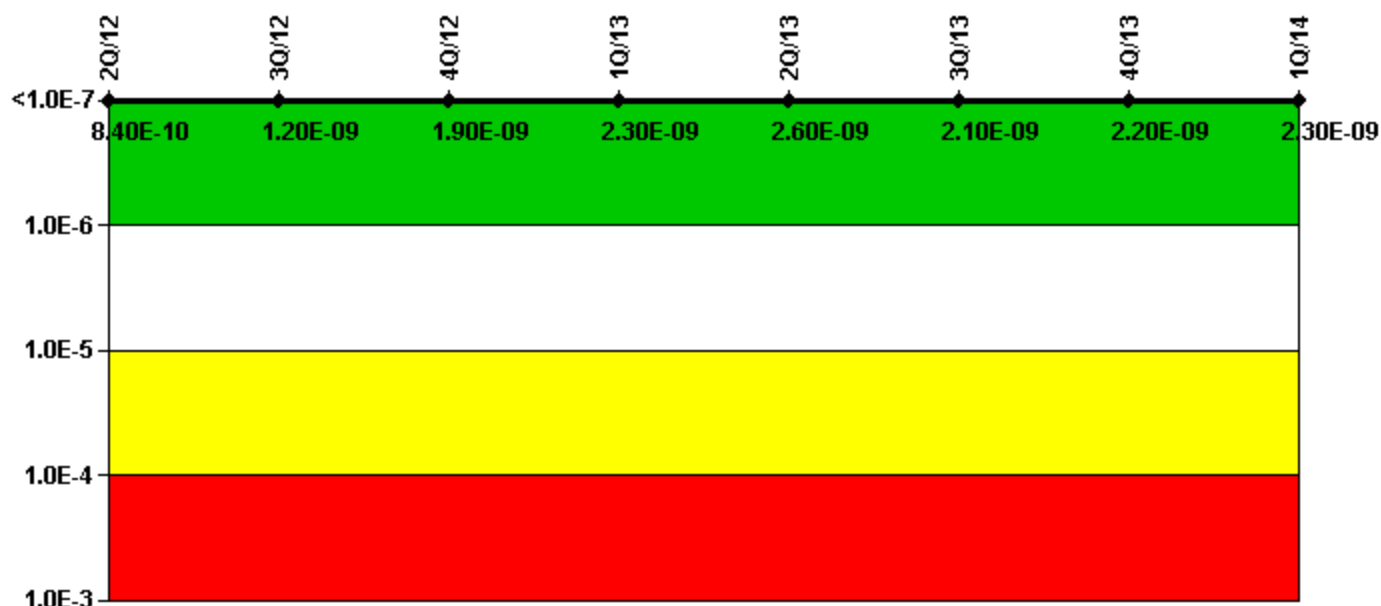
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.10E-10 | 8.40E-11 | 3.87E-10 | 6.60E-10 | 5.64E-10 | 5.02E-10 | 5.06E-10 | 9.60E-10 |
| URI (Δ CDF) | -6.65E-09 | -7.17E-09 | -7.67E-09 | -8.14E-09 | -8.60E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -6.80E-09 | -7.10E-09 | -7.30E-09 | -7.50E-09 | -8.00E-09 | -8.50E-09 | -8.50E-09 | -8.10E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

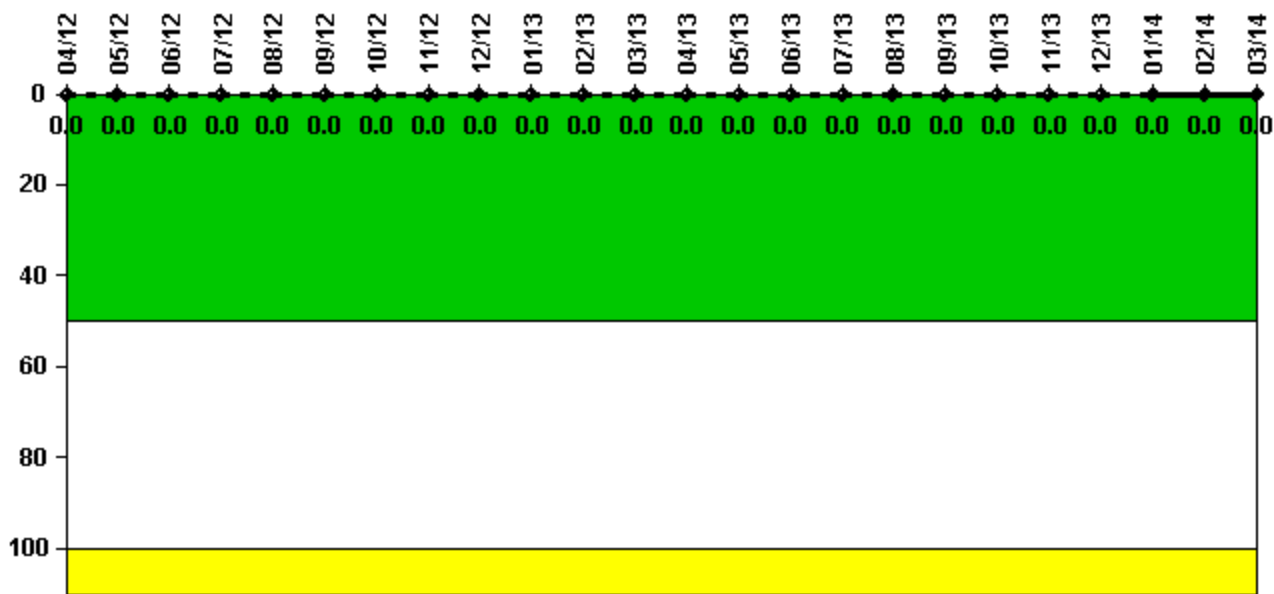
Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 2.55E-09 | 2.93E-09 | 3.52E-09 | 3.94E-09 | 4.16E-09 | 3.68E-09 | 3.24E-09 | 3.34E-09 |
| URI (Δ CDF) | -1.71E-09 | -1.69E-09 | -1.66E-09 | -1.63E-09 | -1.60E-09 | -1.57E-09 | -1.03E-09 | -1.03E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 8.40E-10 | 1.20E-09 | 1.90E-09 | 2.30E-09 | 2.60E-09 | 2.10E-09 | 2.20E-09 | 2.30E-09 |

Licensee Comments:

4Q/13: Update applies to 4Q2013 forward. There was an MSPI Failure for 2B HPSW Motor, 2BP042-DR, cooling coil due to high moisture content on 12/09/2013. This impacted 4Q2013 and 1Q2014 data. This did not result in a color change or threshold being exceeded.

Reactor Coolant System Activity



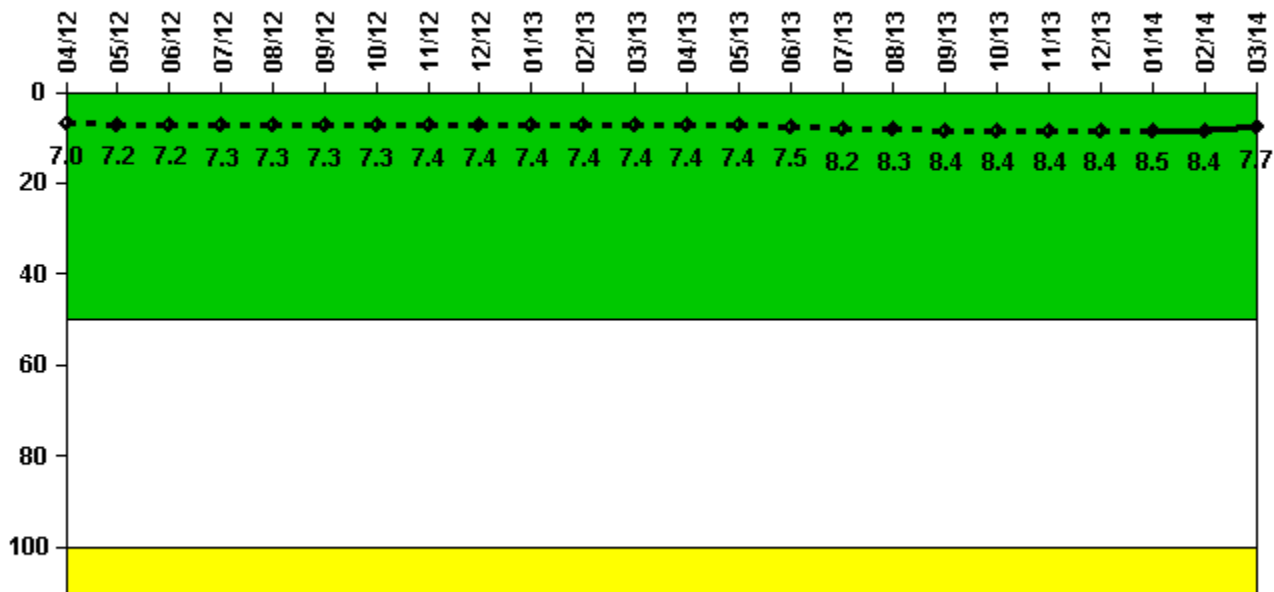
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 | 1/13 | 2/13 | 3/13 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000020 | 0.000020 | 0.000020 | 0.000024 | 0.000021 | 0.000020 | 0.000021 | 0.000017 | 0.000016 | 0.000018 | 0.000017 | 0.000020 |
| 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 | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 |
| Maximum activity | 0.000017 | 0.000018 | 0.000019 | 0.000019 | 0.000019 | 0.000018 | 0.000018 | 0.000018 | 0.000018 | 0.000020 | 0.000019 | 0.000021 |
| 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



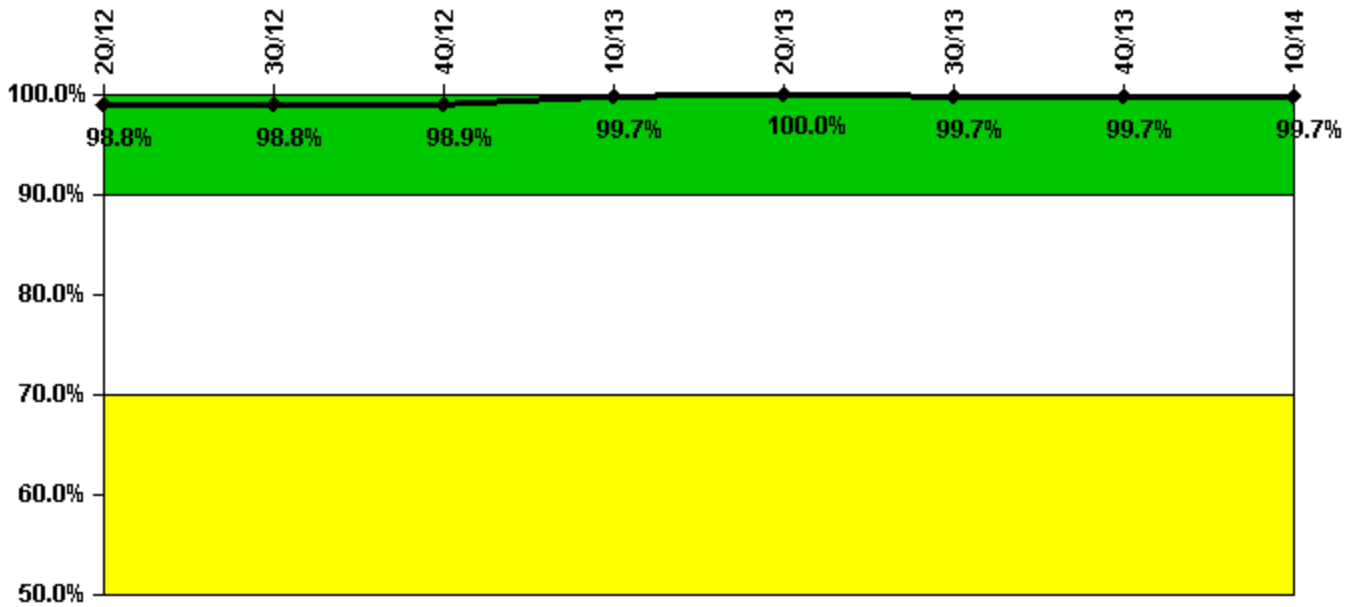
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 4/12 | 5/12 | 6/12 | 7/12 | 8/12 | 9/12 | 10/12 | 11/12 | 12/12 | 1/13 | 2/13 | 3/13 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.750 | 1.790 | 1.810 | 1.820 | 1.820 | 1.820 | 1.830 | 1.860 | 1.850 | 1.840 | 1.840 | 1.860 |
| 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 | 7.0 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 |
| Reactor Coolant System Leakage | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 |
| Maximum leakage | 1.850 | 1.850 | 1.880 | 2.060 | 2.070 | 2.090 | 2.110 | 2.100 | 2.100 | 2.130 | 2.090 | 1.930 |
| 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 | 7.4 | 7.4 | 7.5 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 | 8.5 | 8.4 | 7.7 |

Licensee Comments: none

Drill/Exercise Performance



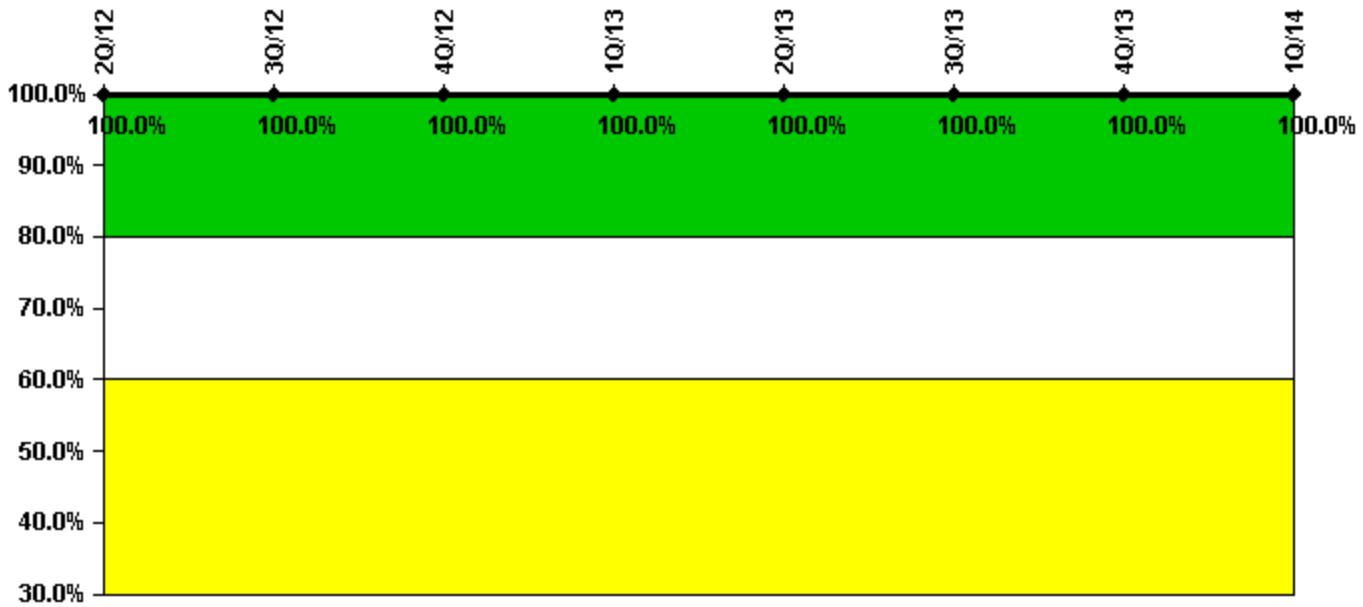
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|----------------------------|-------|-------|-------|-------|--------|-------|-------|-------|
| Successful opportunities | 32.0 | 15.0 | 57.0 | 81.0 | 71.0 | 9.0 | 27.0 | 106.0 |
| Total opportunities | 32.0 | 15.0 | 57.0 | 81.0 | 71.0 | 10.0 | 27.0 | 106.0 |
| Indicator value | 98.8% | 98.8% | 98.9% | 99.7% | 100.0% | 99.7% | 99.7% | 99.7% |

Licensee Comments: none

ERO Drill Participation



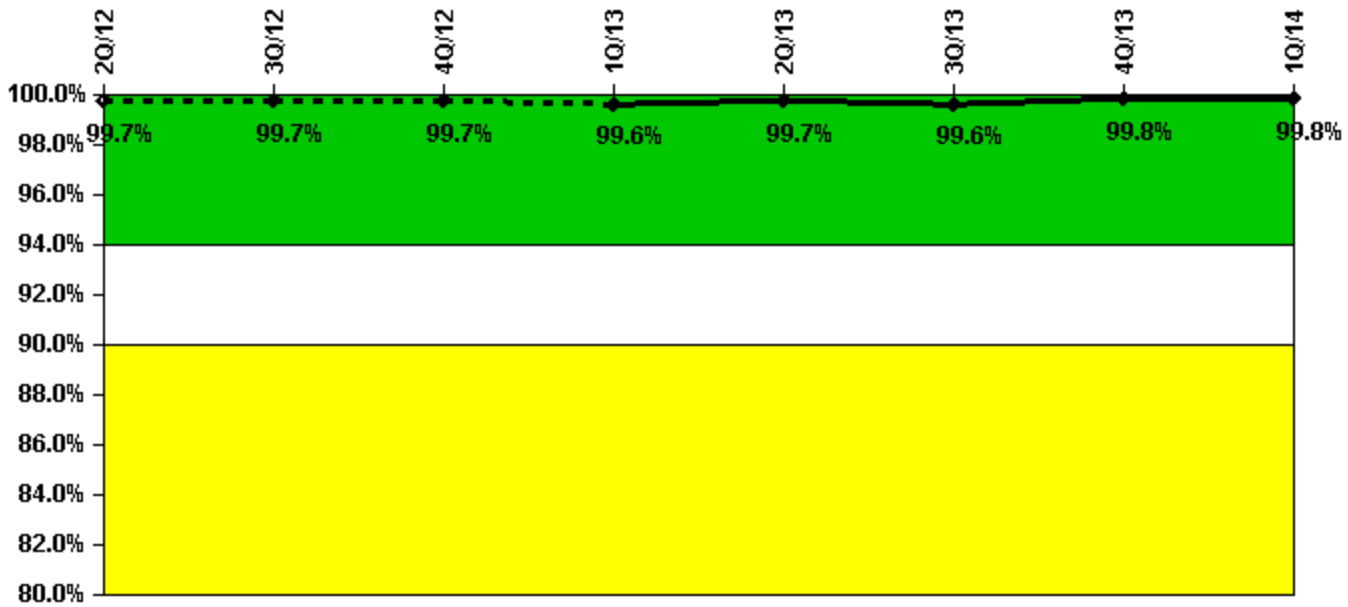
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 72.0 | 74.0 | 77.0 | 75.0 | 77.0 | 76.0 | 75.0 | 77.0 |
| Total Key personnel | 72.0 | 74.0 | 77.0 | 75.0 | 77.0 | 76.0 | 75.0 | 77.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



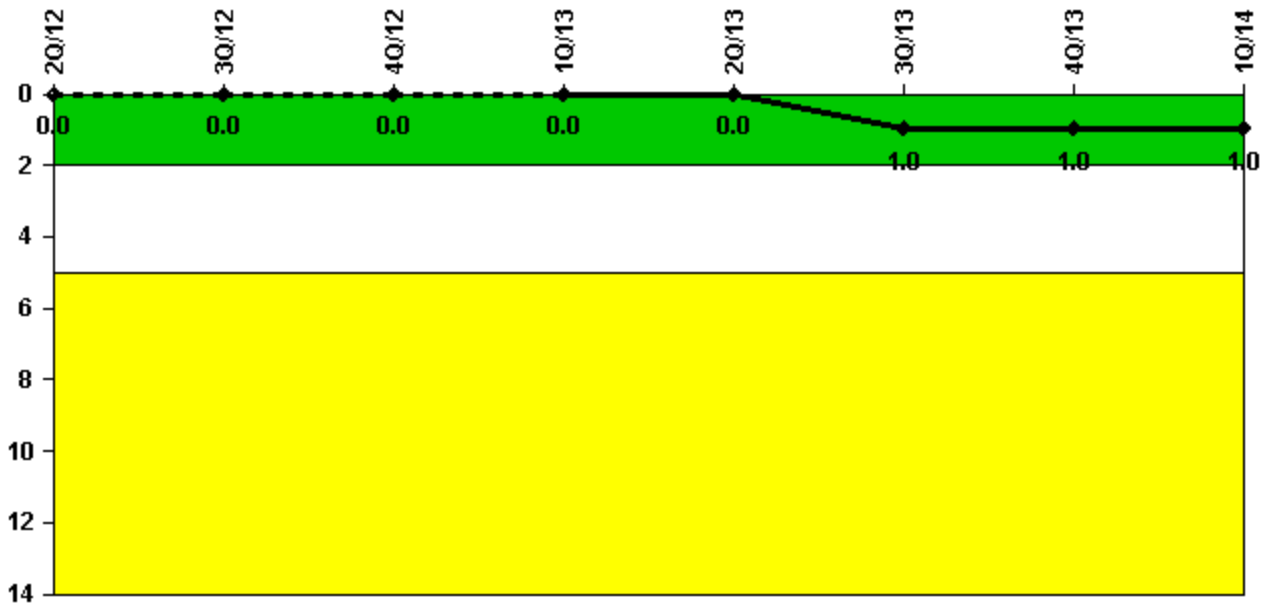
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1258 | 1257 | 1249 | 1256 | 1259 | 1256 | 1261 | 1260 |
| Total sirens-tests | 1261 | 1261 | 1255 | 1261 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 99.7% | 99.7% | 99.7% | 99.6% | 99.7% | 99.6% | 99.8% | 99.8% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



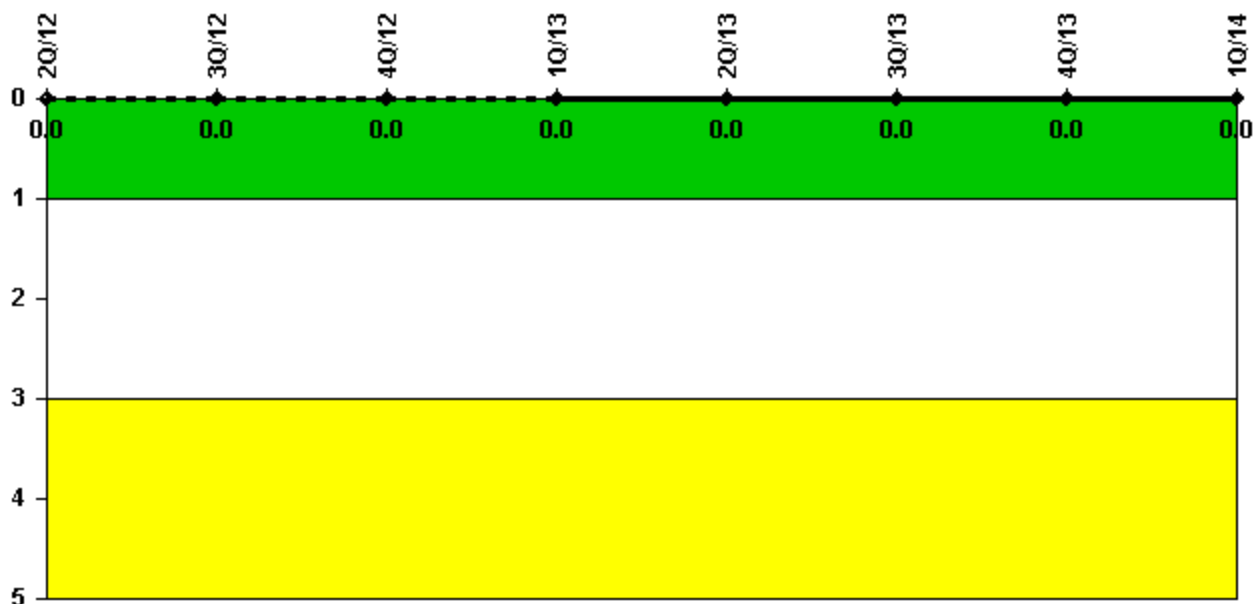
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 2Q/12 | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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

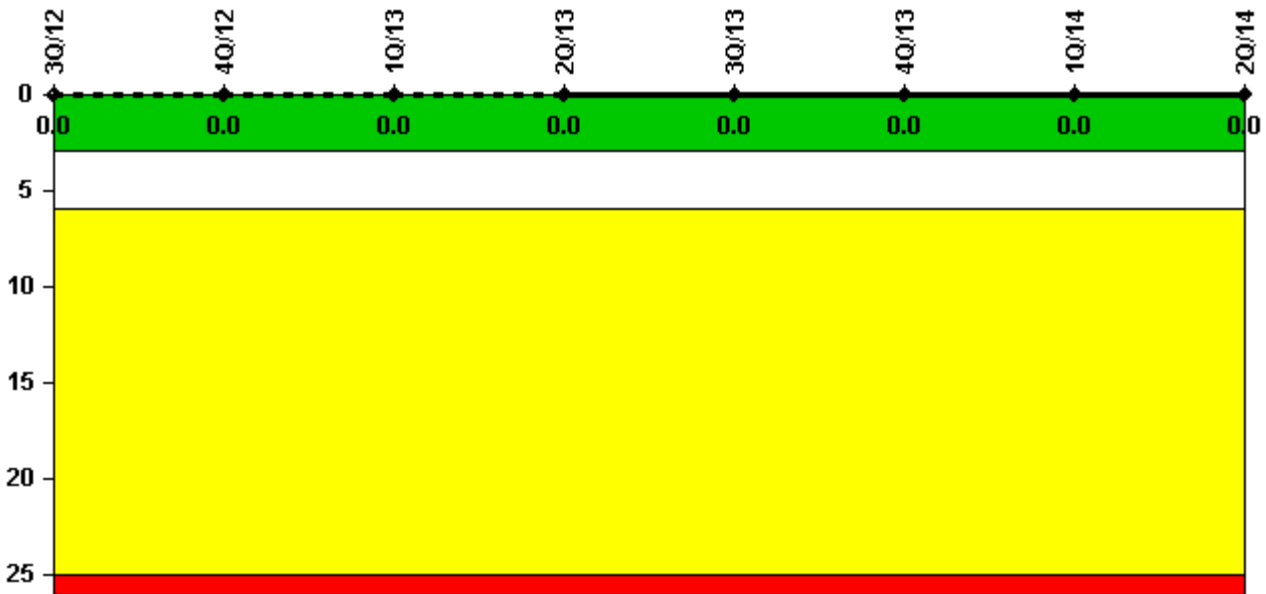
Peach Bottom 2

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



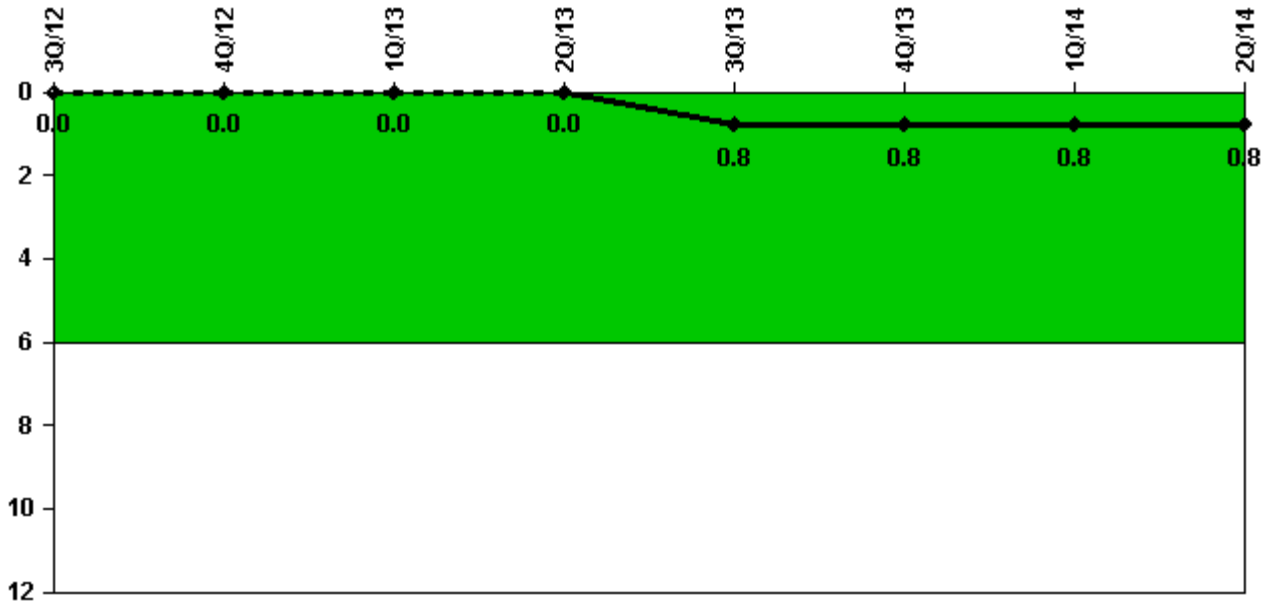
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1701.9 | 1797.6 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



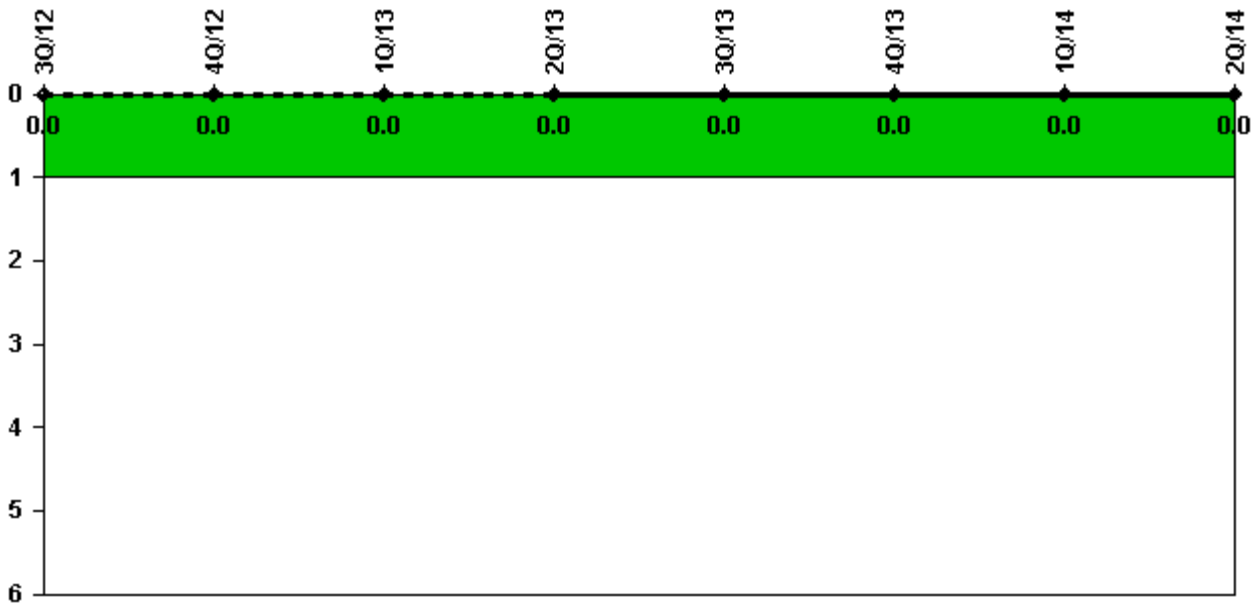
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|---|----------|----------|----------|----------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 1701.9 | 1797.6 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0.8 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



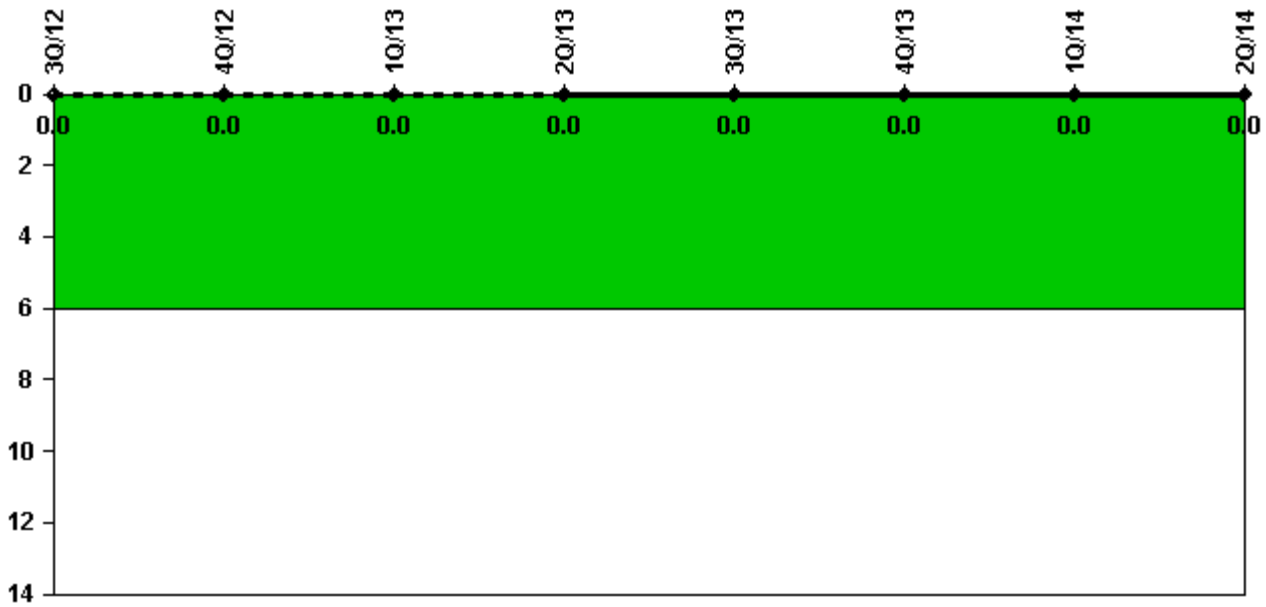
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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)



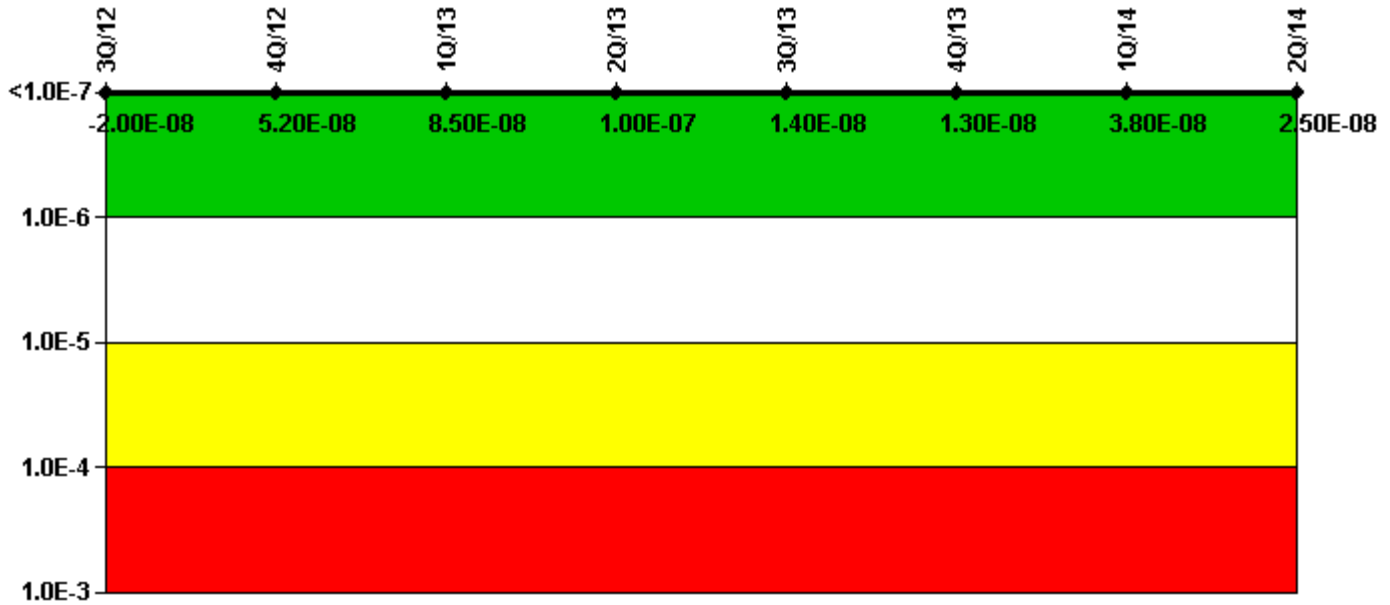
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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

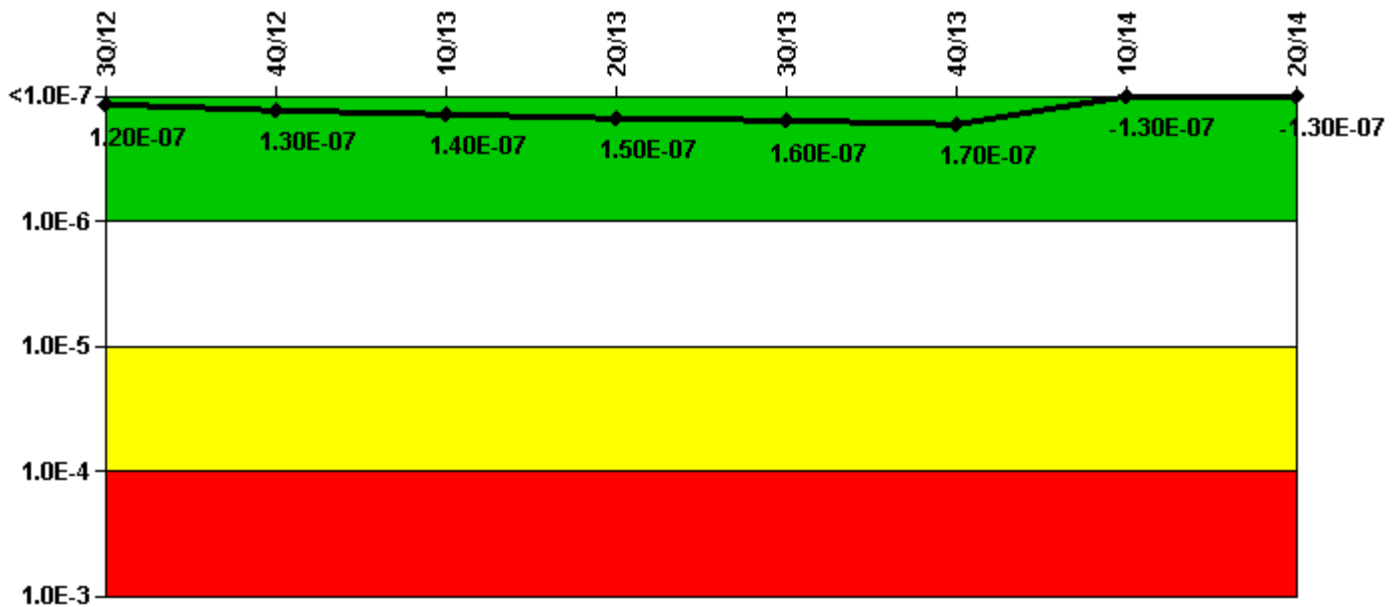
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|---|-----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -9.34E-11 | 7.10E-09 | 3.96E-08 | 5.19E-08 | 4.53E-08 | 4.38E-08 | 6.34E-08 | 4.45E-08 |
| URI (Δ CDF) | -1.96E-08 | 4.52E-08 | 4.57E-08 | 4.89E-08 | -3.11E-08 | -3.08E-08 | -2.49E-08 | -1.97E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -2.00E-08 | 5.20E-08 | 8.50E-08 | 1.00E-07 | 1.40E-08 | 1.30E-08 | 3.80E-08 | 2.50E-08 |

Licensee Comments:

3Q/13: Data correction to Unit 2 E2 EDG unavailability, 3Qtr2013. There is no change in threshold color.

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/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -1.63E-08 | -1.57E-08 | -1.57E-08 | -1.57E-08 | -1.63E-08 | -1.65E-08 | -2.74E-08 | -2.74E-08 |
| URI (ΔCDF) | 1.41E-07 | 1.50E-07 | 1.60E-07 | 1.70E-07 | 1.80E-07 | 1.87E-07 | -1.01E-07 | -9.89E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.20E-07 | 1.30E-07 | 1.40E-07 | 1.50E-07 | 1.60E-07 | 1.70E-07 | -1.30E-07 | -1.30E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Heat Removal System



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

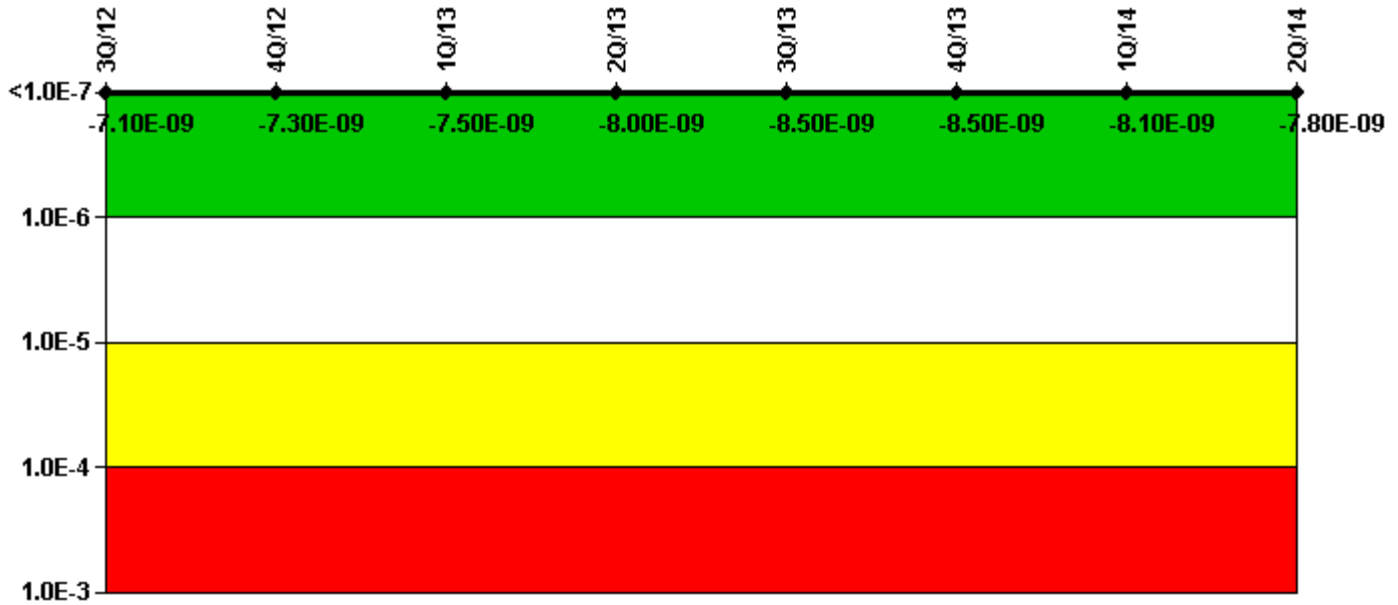
Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -9.11E-08 | -8.89E-08 | -8.65E-08 | -8.40E-08 | -8.14E-08 | -7.95E-08 | -7.75E-08 | -7.55E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Residual Heat Removal System



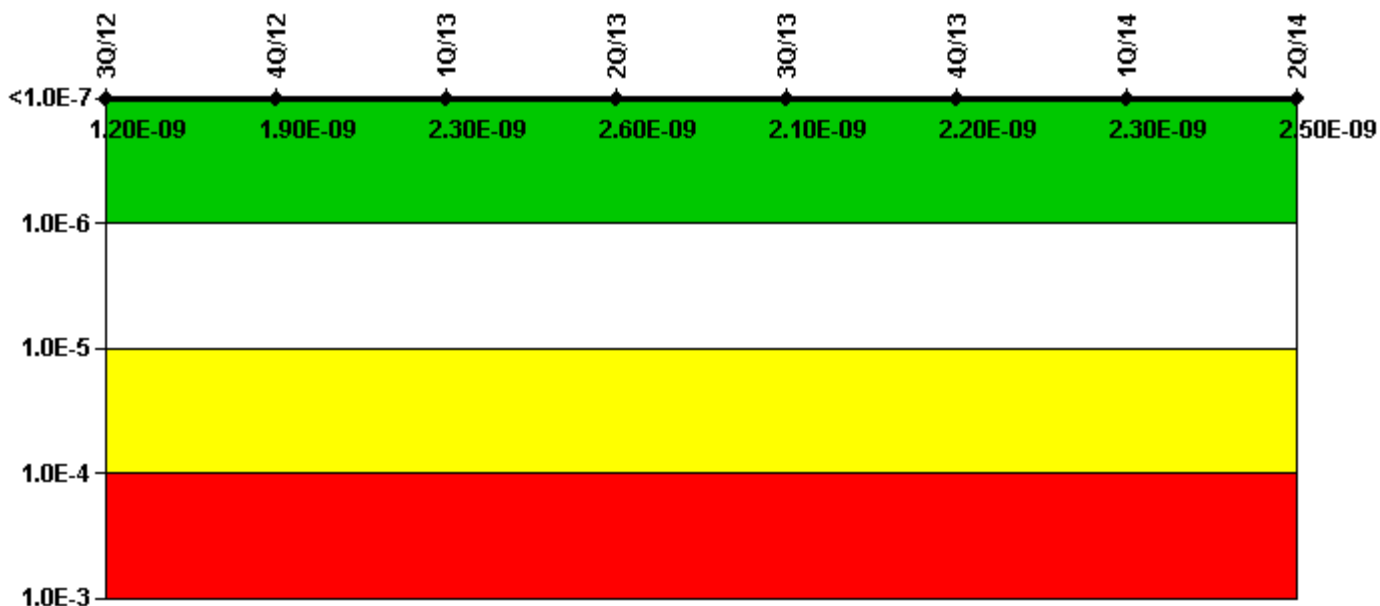
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 8.40E-11 | 3.87E-10 | 6.60E-10 | 5.64E-10 | 5.02E-10 | 5.06E-10 | 9.60E-10 | 1.24E-09 |
| URI (Δ CDF) | -7.17E-09 | -7.67E-09 | -8.14E-09 | -8.60E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.10E-09 | -7.30E-09 | -7.50E-09 | -8.00E-09 | -8.50E-09 | -8.50E-09 | -8.10E-09 | -7.80E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

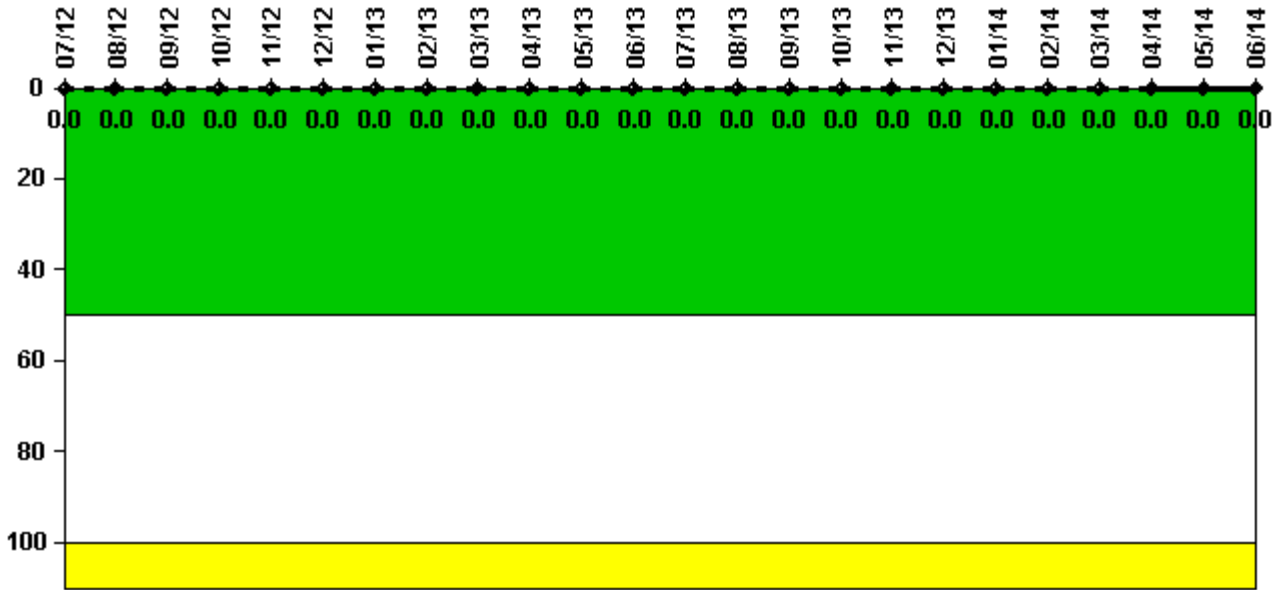
Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 2.93E-09 | 3.52E-09 | 3.94E-09 | 4.16E-09 | 3.68E-09 | 3.24E-09 | 3.34E-09 | 3.49E-09 |
| URI (ΔCDF) | -1.69E-09 | -1.66E-09 | -1.63E-09 | -1.60E-09 | -1.57E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.20E-09 | 1.90E-09 | 2.30E-09 | 2.60E-09 | 2.10E-09 | 2.20E-09 | 2.30E-09 | 2.50E-09 |

Licensee Comments:

4Q/13: Update applies to 4Q2013 forward. There was an MSPI Failure for 2B HPSW Motor, 2BP042-DR, cooling coil due to high moisture content on 12/09/2013. This impacted 4Q2013 and 1Q2014 data. This did not result in a color change or threshold being exceeded.

Reactor Coolant System Activity



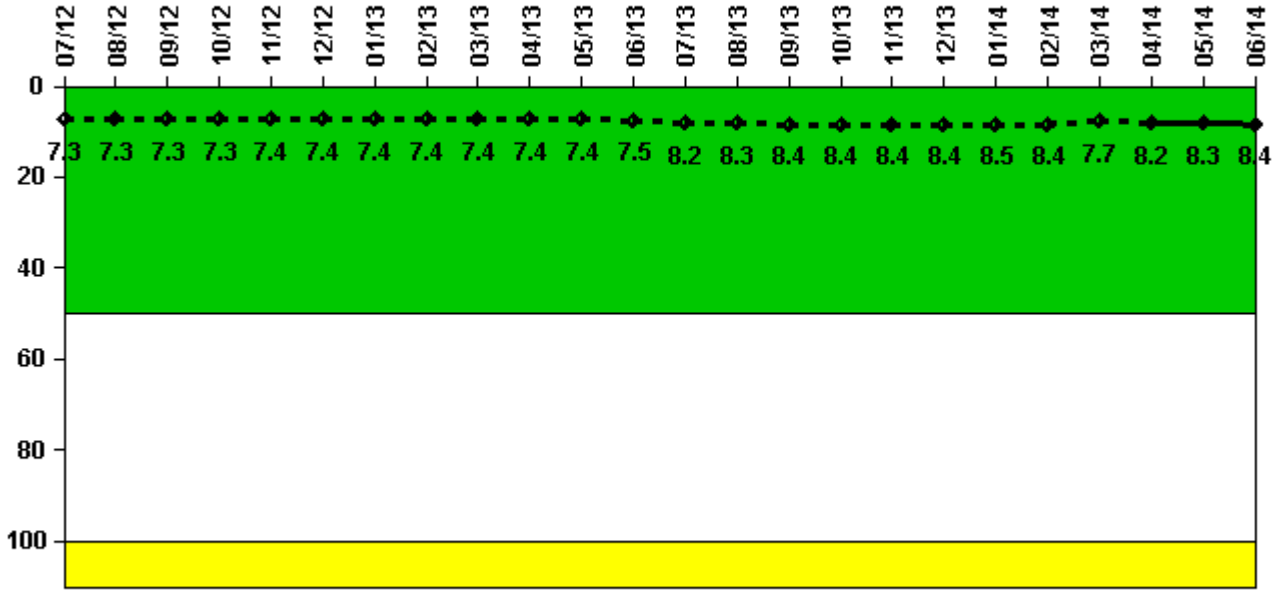
Thresholds: White > 50.0 Yellow > 100.0

Notes

| 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 | 0.000024 | 0.000021 | 0.000020 | 0.000021 | 0.000017 | 0.000016 | 0.000018 | 0.000017 | 0.000020 | 0.000017 | 0.000018 | 0.000019 |
| 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 | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 |
| Maximum activity | 0.000019 | 0.000019 | 0.000018 | 0.000018 | 0.000018 | 0.000018 | 0.000020 | 0.000019 | 0.000021 | 0.000020 | 0.000018 | 0.000022 |
| 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



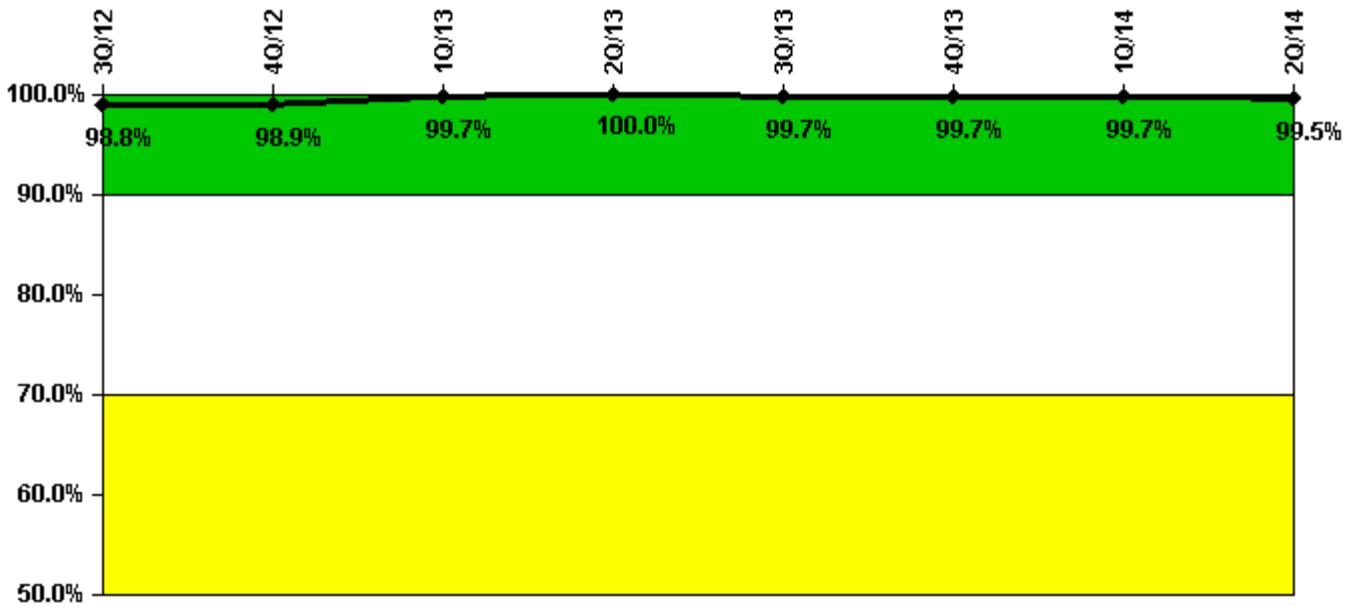
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 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 | 1.820 | 1.820 | 1.820 | 1.830 | 1.860 | 1.850 | 1.840 | 1.840 | 1.860 | 1.850 | 1.850 | 1.880 |
| 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 | 7.3 | 7.3 | 7.3 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 |
| Reactor Coolant System Leakage | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 |
| Maximum leakage | 2.060 | 2.070 | 2.090 | 2.110 | 2.100 | 2.100 | 2.130 | 2.090 | 1.930 | 2.060 | 2.070 | 2.090 |
| 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 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 | 8.5 | 8.4 | 7.7 | 8.2 | 8.3 | 8.4 |

Licensee Comments: none

Drill/Exercise Performance



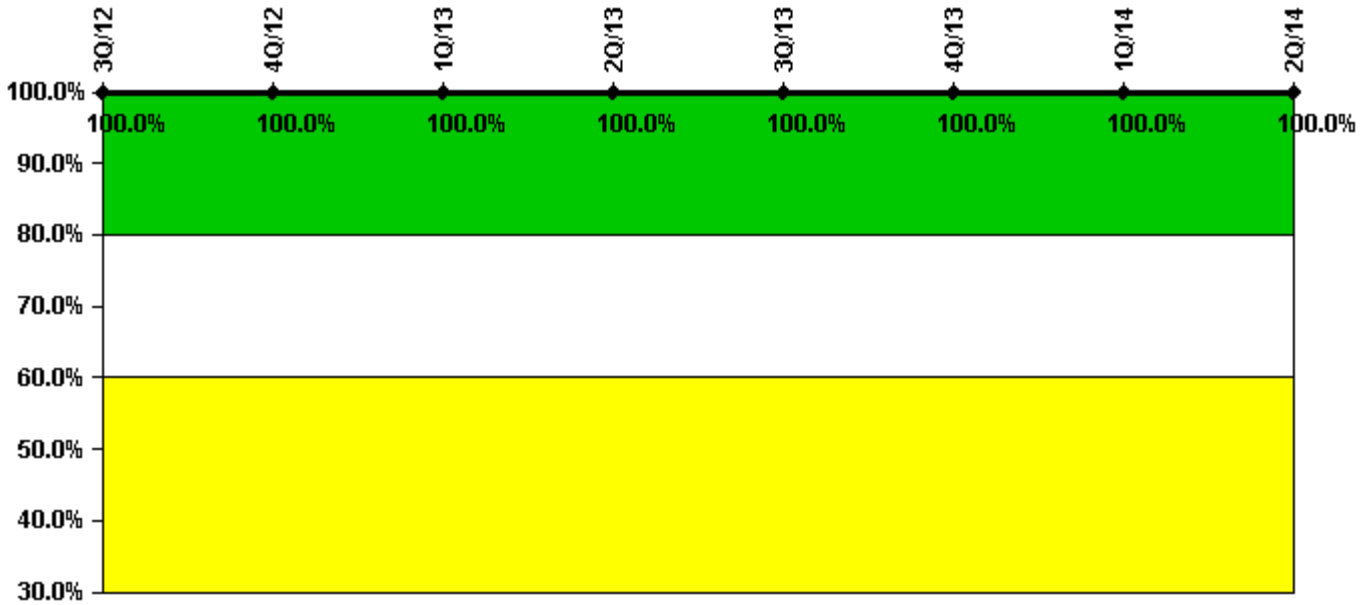
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|----------------------------|-------|-------|-------|--------|-------|-------|-------|-------|
| Successful opportunities | 15.0 | 57.0 | 81.0 | 71.0 | 9.0 | 27.0 | 106.0 | 45.0 |
| Total opportunities | 15.0 | 57.0 | 81.0 | 71.0 | 10.0 | 27.0 | 106.0 | 46.0 |
| Indicator value | 98.8% | 98.9% | 99.7% | 100.0% | 99.7% | 99.7% | 99.7% | 99.5% |

Licensee Comments: none

ERO Drill Participation



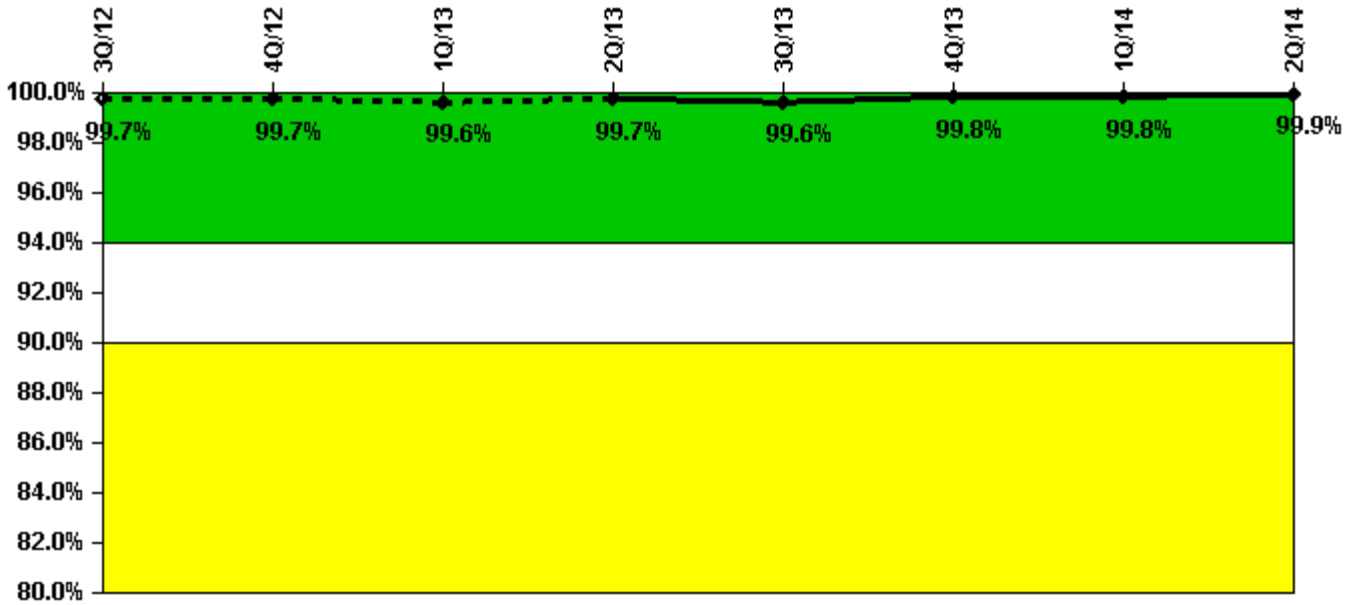
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 74.0 | 77.0 | 75.0 | 77.0 | 76.0 | 75.0 | 77.0 | 80.0 |
| Total Key personnel | 74.0 | 77.0 | 75.0 | 77.0 | 76.0 | 75.0 | 77.0 | 80.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



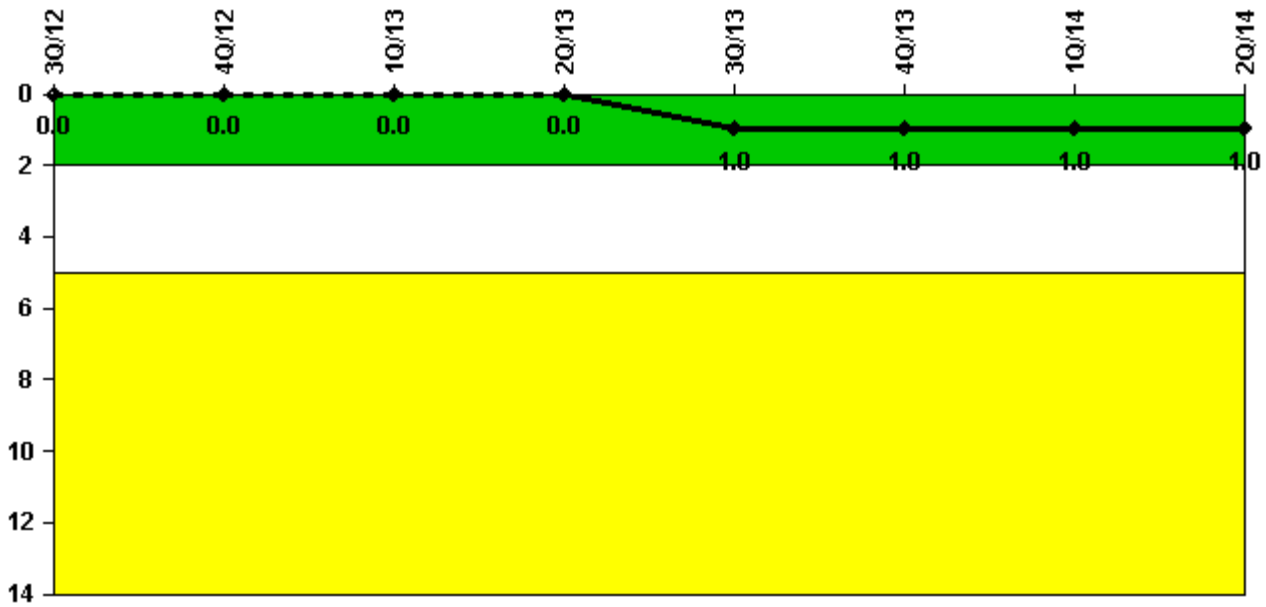
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1257 | 1249 | 1256 | 1259 | 1256 | 1261 | 1260 | 1261 |
| Total sirens-tests | 1261 | 1255 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 99.7% | 99.7% | 99.6% | 99.7% | 99.6% | 99.8% | 99.8% | 99.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



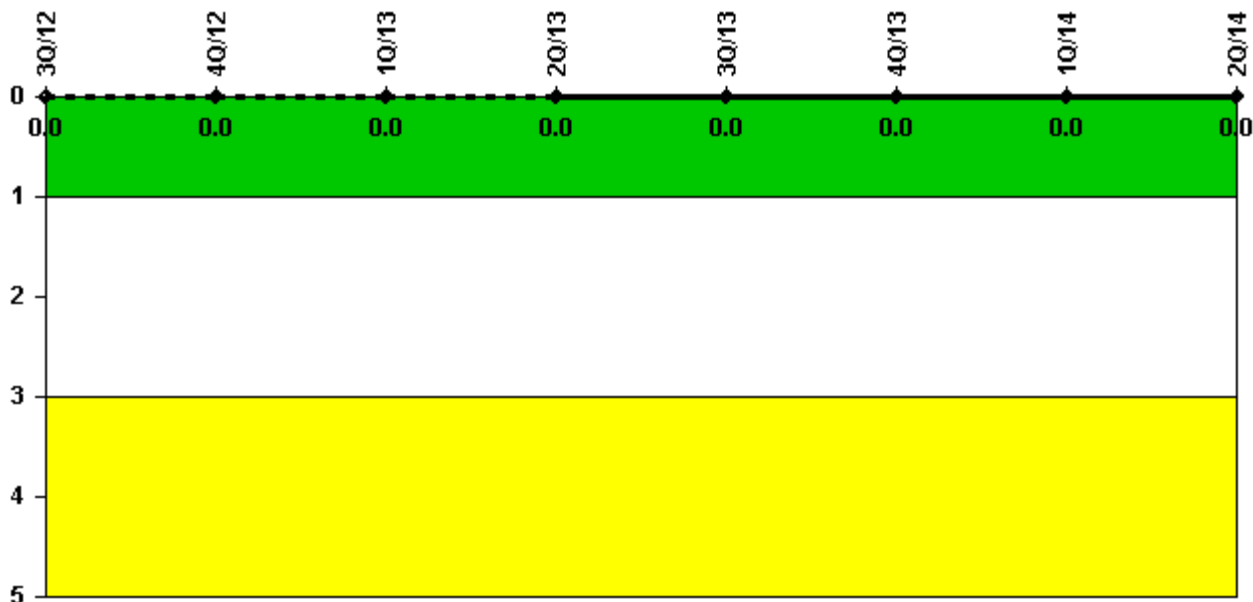
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 1 | 1 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 3Q/12 | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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: July 31, 2014

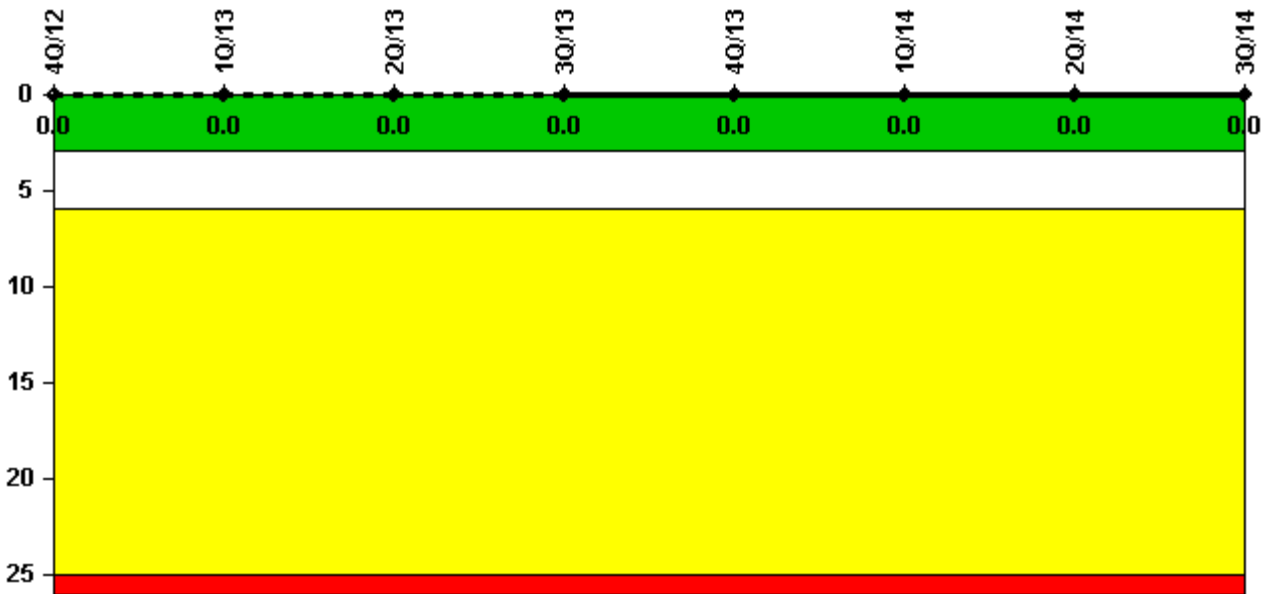
Peach Bottom 2

3Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



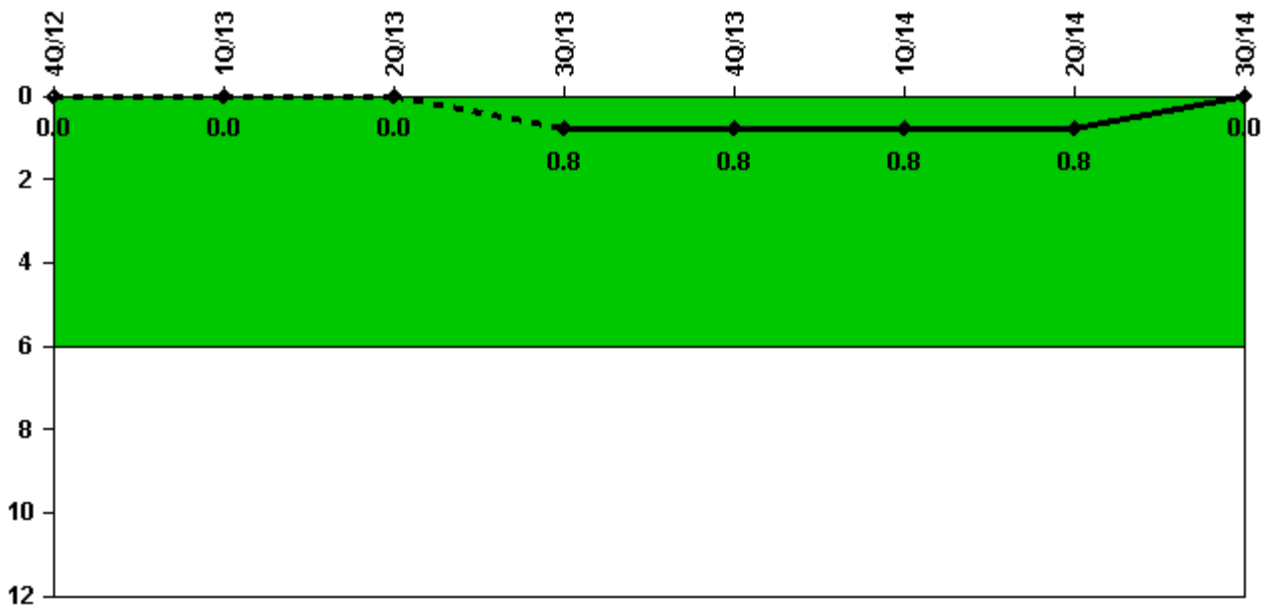
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1797.6 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



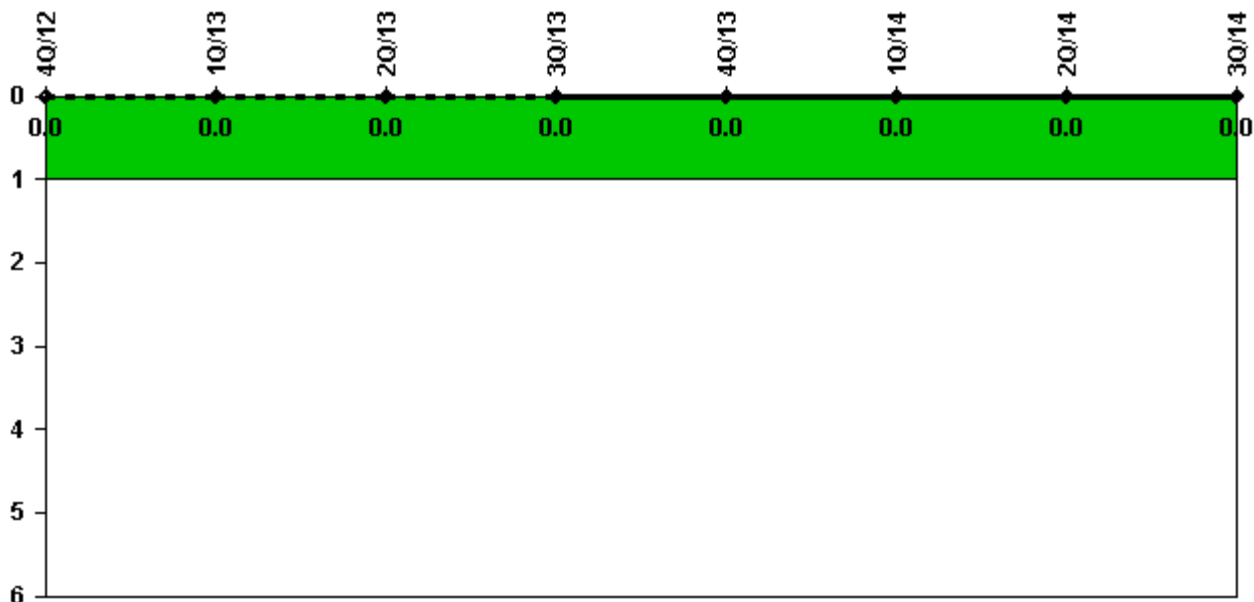
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|---|----------|----------|----------|------------|------------|------------|------------|----------|
| Unplanned power changes | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 |
| Critical hours | 1797.6 | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0 | 0 | 0 | 0.8 | 0.8 | 0.8 | 0.8 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



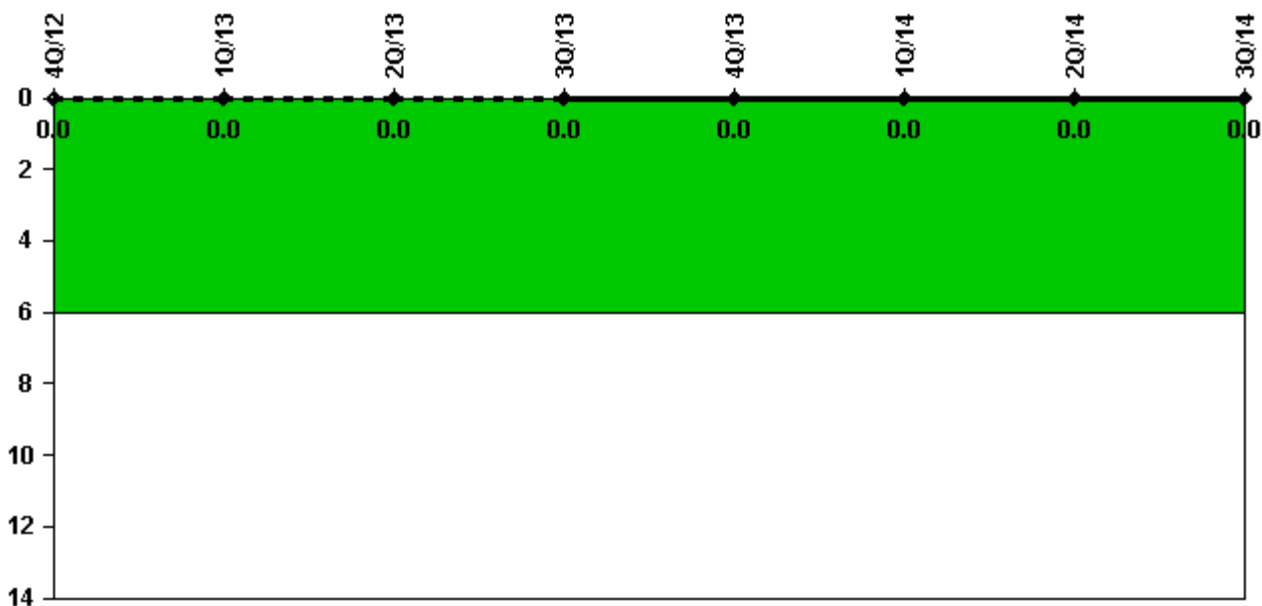
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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)



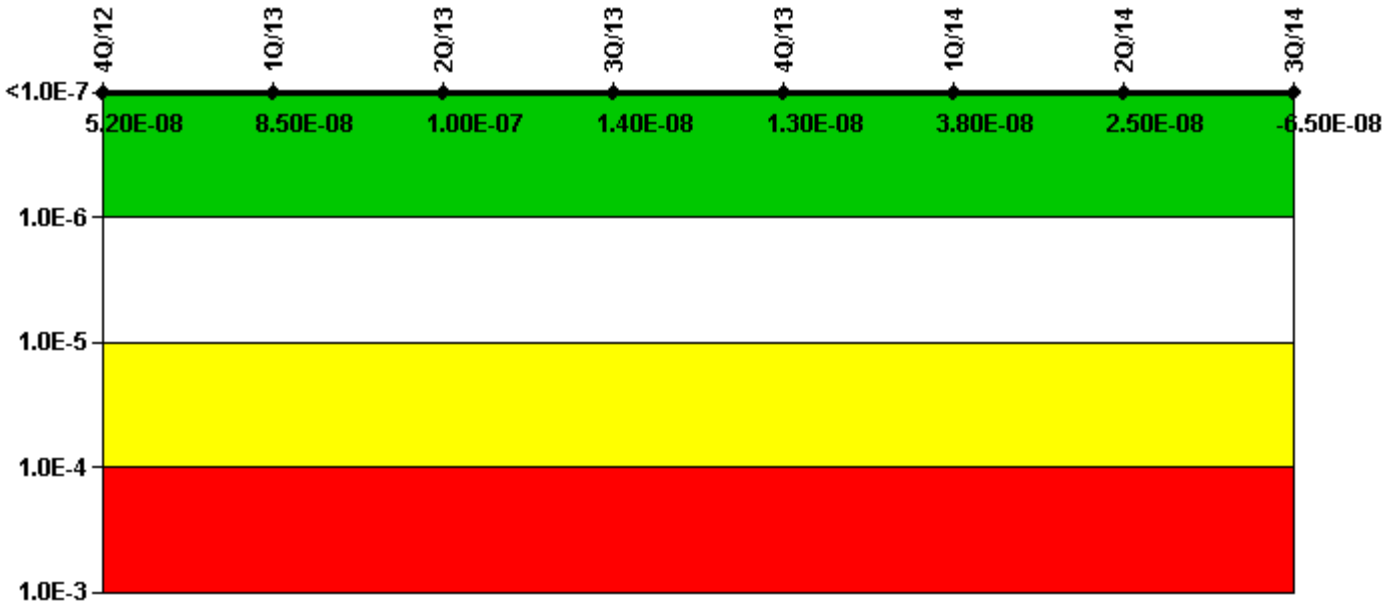
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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

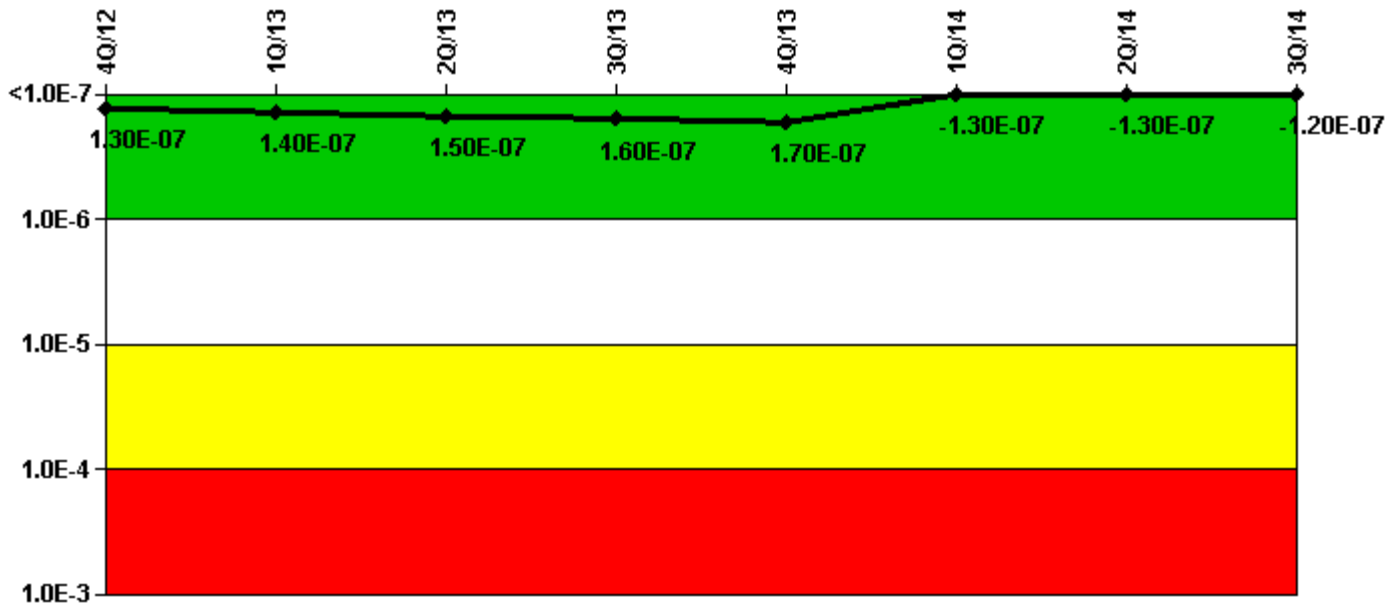
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|---|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 7.10E-09 | 3.96E-08 | 5.19E-08 | 4.53E-08 | 4.38E-08 | 6.34E-08 | 4.45E-08 | 4.31E-08 |
| URI (Δ CDF) | 4.52E-08 | 4.57E-08 | 4.89E-08 | -3.11E-08 | -3.08E-08 | -2.49E-08 | -1.97E-08 | -1.08E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 5.20E-08 | 8.50E-08 | 1.00E-07 | 1.40E-08 | 1.30E-08 | 3.80E-08 | 2.50E-08 | -6.50E-08 |

Licensee Comments:

3Q/13: Data correction to Unit 2 E2 EDG unavailability, 3Qtr2013. There is no change in threshold color.

Mitigating Systems Performance Index, High Pressure Injection System



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

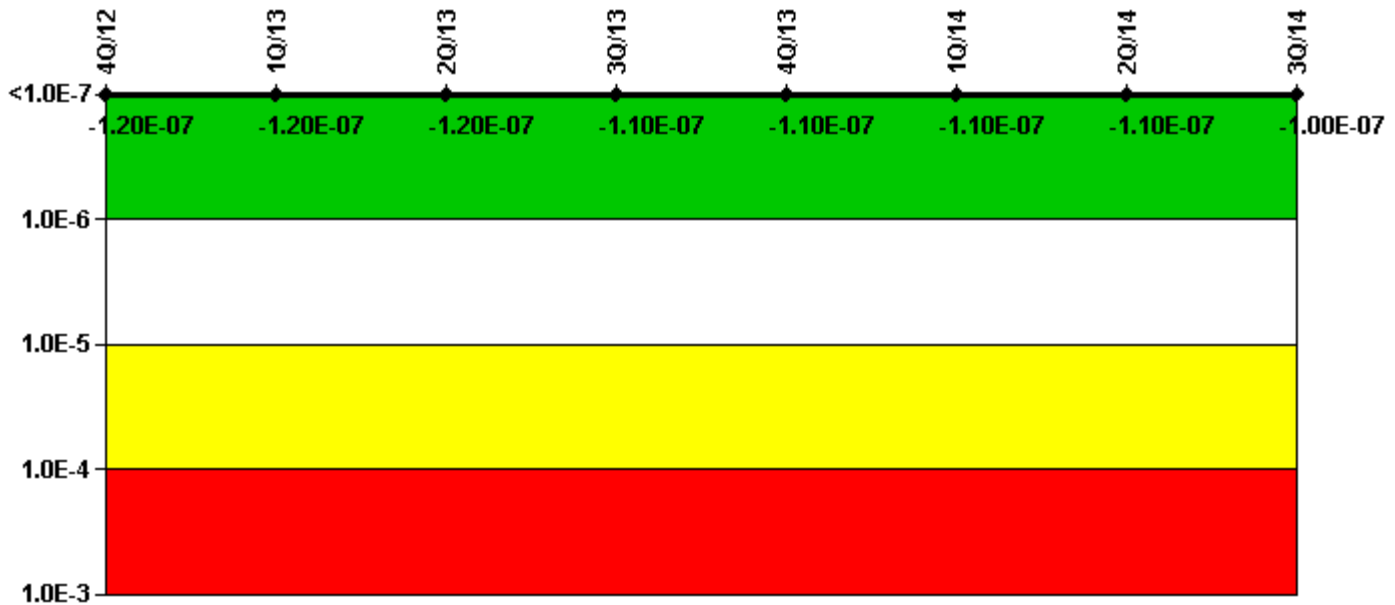
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -1.57E-08 | -1.57E-08 | -1.57E-08 | -1.63E-08 | -1.65E-08 | -2.74E-08 | -2.74E-08 | -2.74E-08 |
| URI (ΔCDF) | 1.50E-07 | 1.60E-07 | 1.70E-07 | 1.80E-07 | 1.87E-07 | -1.01E-07 | -9.89E-08 | -9.64E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.30E-07 | 1.40E-07 | 1.50E-07 | 1.60E-07 | 1.70E-07 | -1.30E-07 | -1.30E-07 | -1.20E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Heat Removal System



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

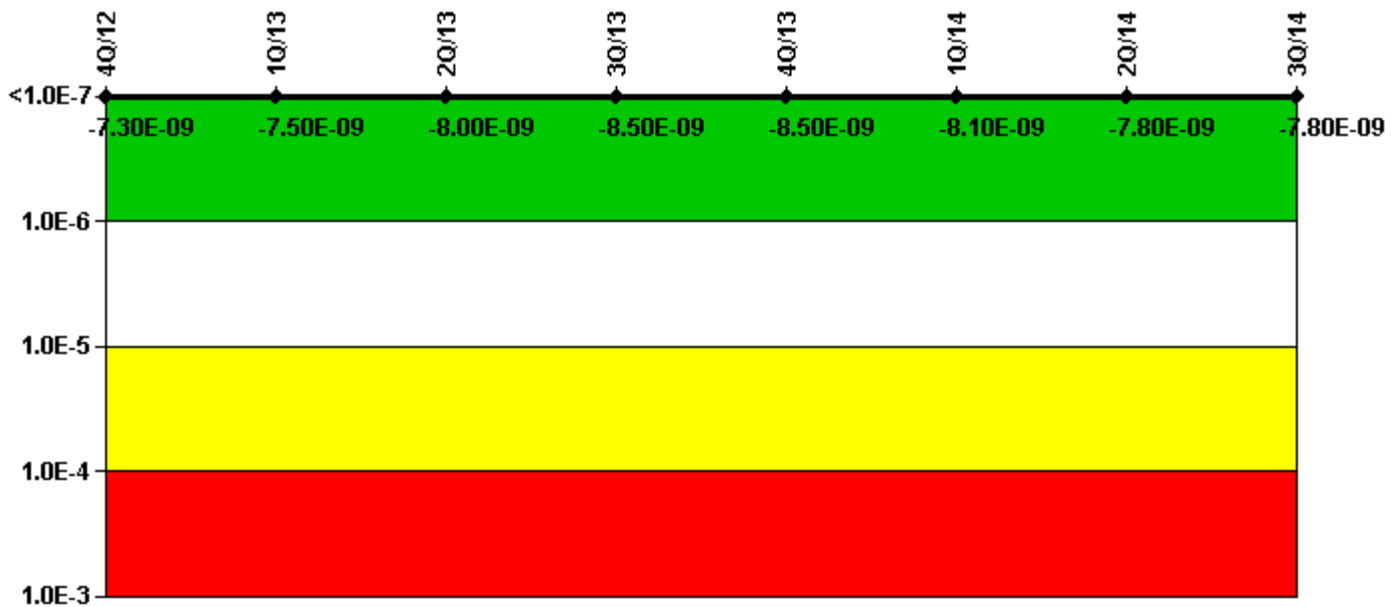
Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -8.89E-08 | -8.65E-08 | -8.40E-08 | -8.14E-08 | -7.95E-08 | -7.75E-08 | -7.55E-08 | -7.35E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.00E-07 |

Licensee Comments:

4Q/12: 1/15/2013 Changes to PBAPS MSPI Basis Document Revision 7, dated 9/10/2012 for 4thQtr2012 and forward were applied to MSPI-HPI and RH, to account for a revision to the estimated demands for HPI/RH per refueling cycle.

Mitigating Systems Performance Index, Residual Heat Removal System



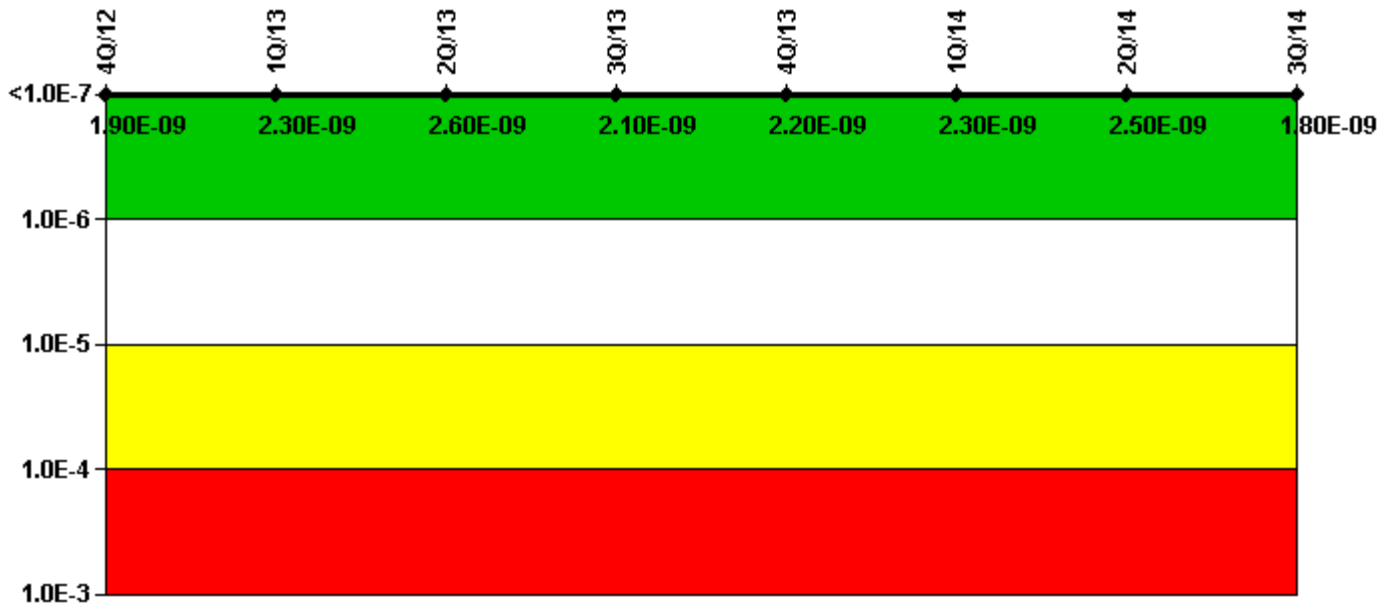
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 3.87E-10 | 6.60E-10 | 5.64E-10 | 5.02E-10 | 5.06E-10 | 9.60E-10 | 1.24E-09 | 1.22E-09 |
| URI (Δ CDF) | -7.67E-09 | -8.14E-09 | -8.60E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.30E-09 | -7.50E-09 | -8.00E-09 | -8.50E-09 | -8.50E-09 | -8.10E-09 | -7.80E-09 | -7.80E-09 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

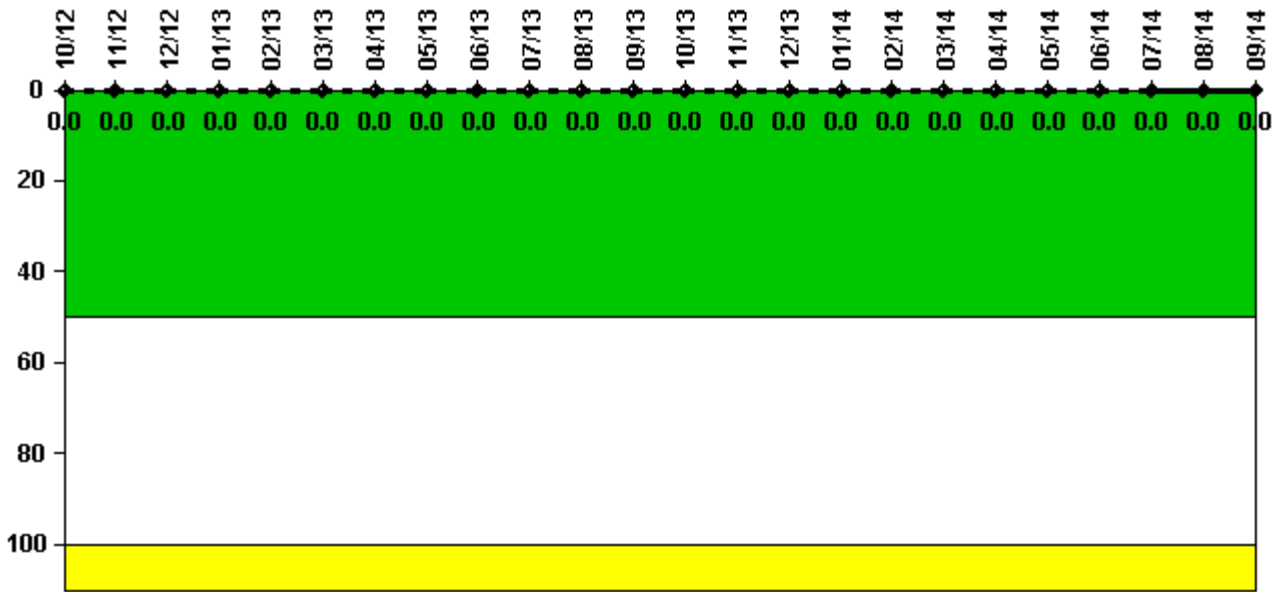
Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI (Δ CDF) | 3.52E-09 | 3.94E-09 | 4.16E-09 | 3.68E-09 | 3.24E-09 | 3.34E-09 | 3.49E-09 | 2.81E-09 |
| URI (Δ CDF) | -1.66E-09 | -1.63E-09 | -1.60E-09 | -1.57E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.90E-09 | 2.30E-09 | 2.60E-09 | 2.10E-09 | 2.20E-09 | 2.30E-09 | 2.50E-09 | 1.80E-09 |

Licensee Comments:

4Q/13: Update applies to 4Q2013 forward. There was an MSPI Failure for 2B HPSW Motor, 2BP042-DR, cooling coil due to high moisture content on 12/09/2013. This impacted 4Q2013 and 1Q2014 data. This did not result in a color change or threshold being exceeded.

Reactor Coolant System Activity



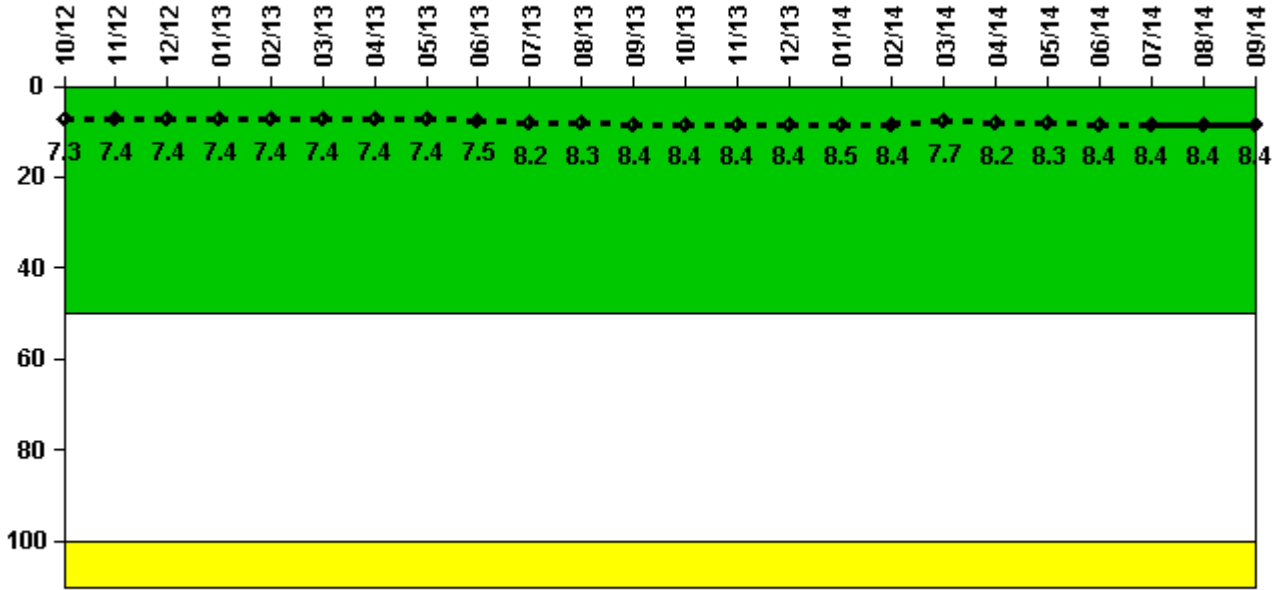
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 10/12 | 11/12 | 12/12 | 1/13 | 2/13 | 3/13 | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000021 | 0.000017 | 0.000016 | 0.000018 | 0.000017 | 0.000020 | 0.000017 | 0.000018 | 0.000019 | 0.000019 | 0.000019 | 0.000018 |
| 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 | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 |
| Maximum activity | 0.000018 | 0.000018 | 0.000018 | 0.000020 | 0.000019 | 0.000021 | 0.000020 | 0.000018 | 0.000022 | 0.000021 | 0.000023 | 0.000019 |
| 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



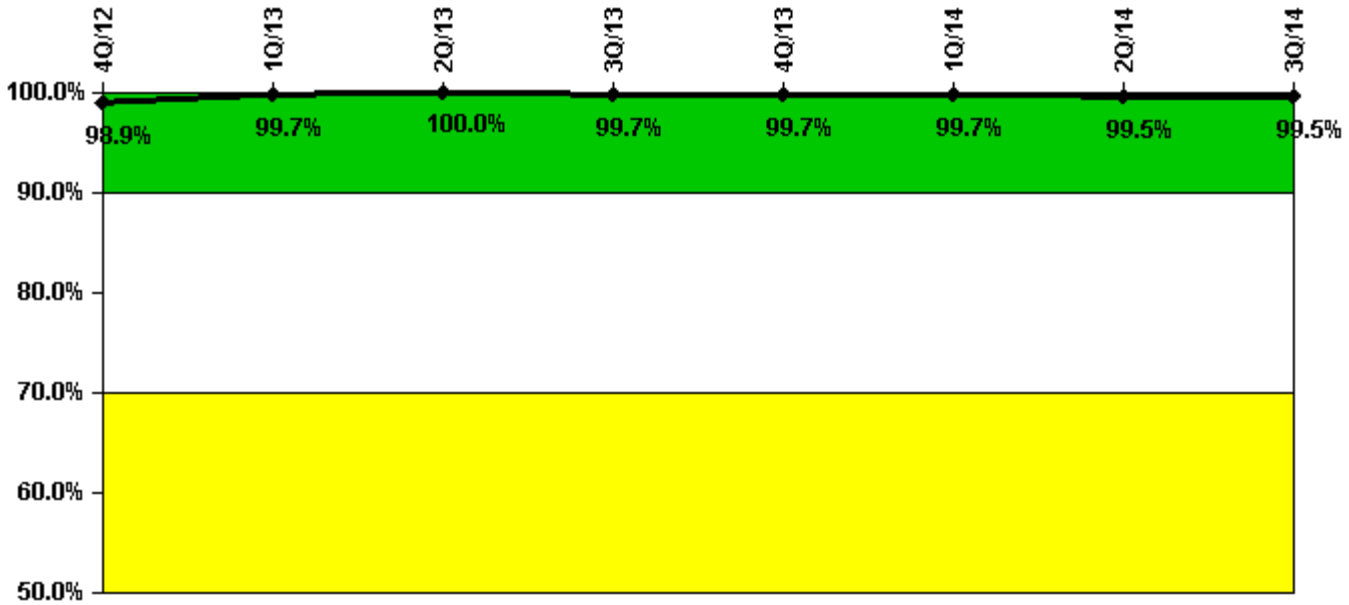
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 10/12 | 11/12 | 12/12 | 1/13 | 2/13 | 3/13 | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.830 | 1.860 | 1.850 | 1.840 | 1.840 | 1.860 | 1.850 | 1.850 | 1.880 | 2.060 | 2.070 | 2.090 |
| 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 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 | 8.2 | 8.3 | 8.4 |
| Reactor Coolant System Leakage | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 |
| Maximum leakage | 2.110 | 2.100 | 2.100 | 2.130 | 2.090 | 1.930 | 2.060 | 2.070 | 2.090 | 2.100 | 2.090 | 2.090 |
| 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 | 8.4 | 8.4 | 8.4 | 8.5 | 8.4 | 7.7 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

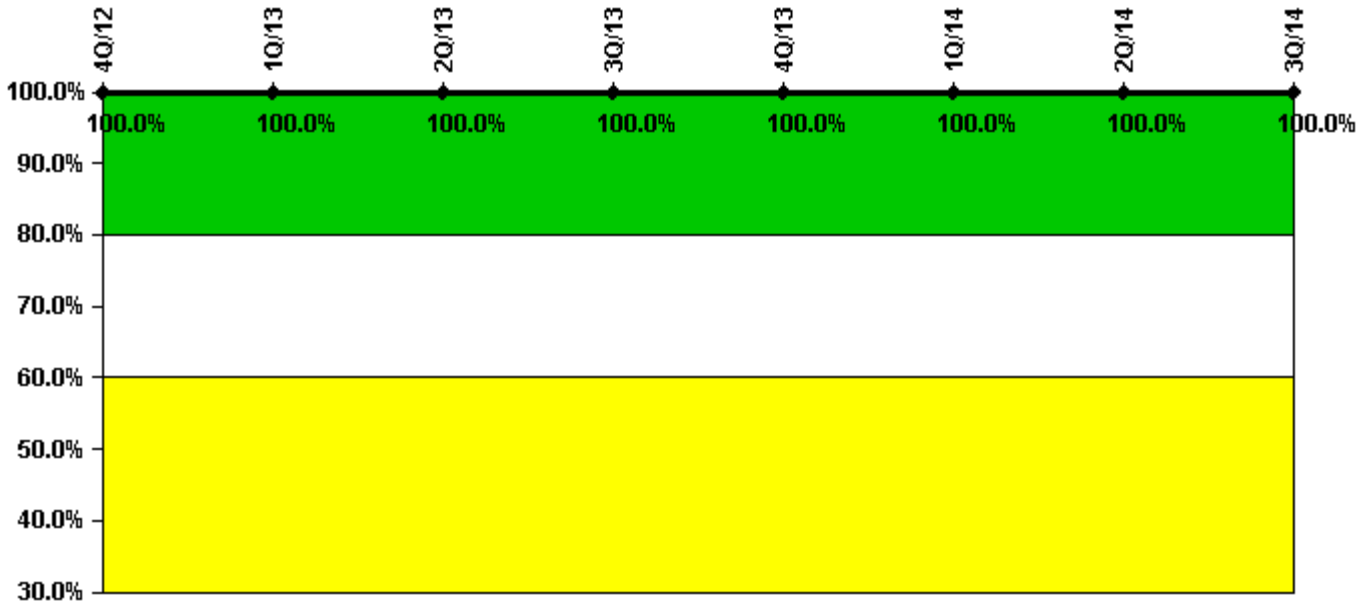
Notes

| Drill/Exercise Performance | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|----------------------------|-------|-------|--------|-------|-------|-------|-------|-------|
| Successful opportunities | 57.0 | 81.0 | 71.0 | 9.0 | 27.0 | 106.0 | 46.0 | 34.0 |
| Total opportunities | 57.0 | 81.0 | 71.0 | 10.0 | 27.0 | 106.0 | 47.0 | 34.0 |
| Indicator value | 98.9% | 99.7% | 100.0% | 99.7% | 99.7% | 99.7% | 99.5% | 99.5% |

Licensee Comments:

2Q/14: Data correction for June NRC Drill and Exercise (DEP) data. No change in PI threshold color.

ERO Drill Participation



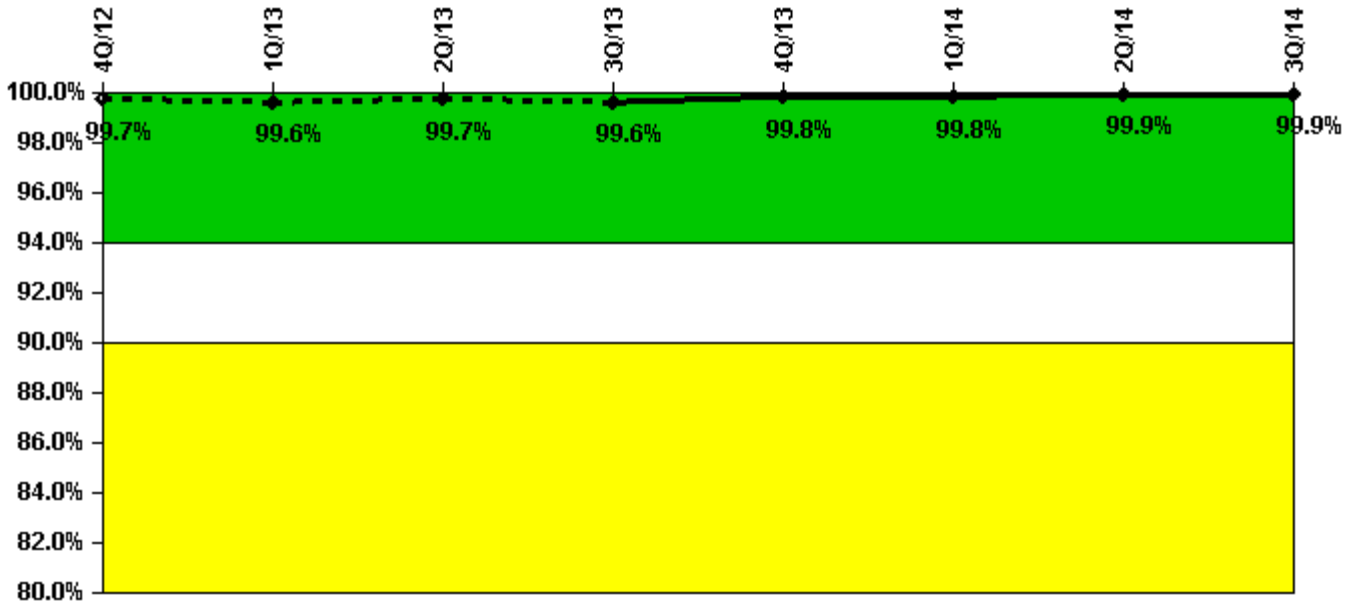
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 77.0 | 75.0 | 77.0 | 76.0 | 75.0 | 77.0 | 80.0 | 77.0 |
| Total Key personnel | 77.0 | 75.0 | 77.0 | 76.0 | 75.0 | 77.0 | 80.0 | 77.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



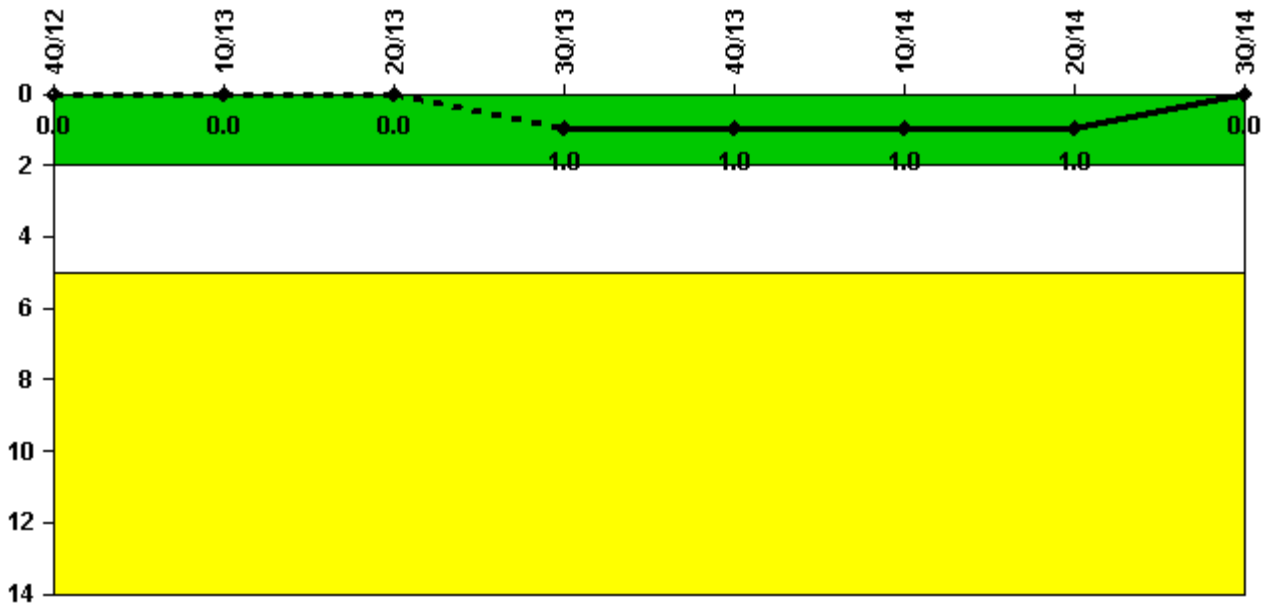
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1249 | 1256 | 1259 | 1256 | 1261 | 1260 | 1261 | 1258 |
| Total sirens-tests | 1255 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 99.7% | 99.6% | 99.7% | 99.6% | 99.8% | 99.8% | 99.9% | 99.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



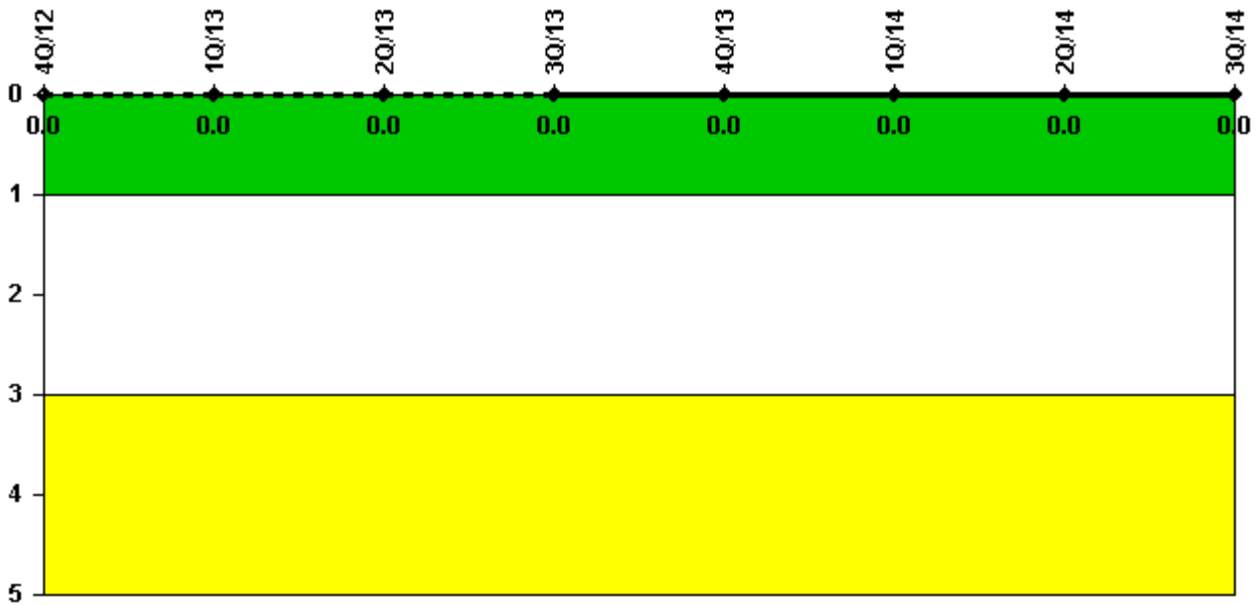
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 1 | 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 | 1 | 1 | 1 | 1 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/12 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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: November 3, 2014

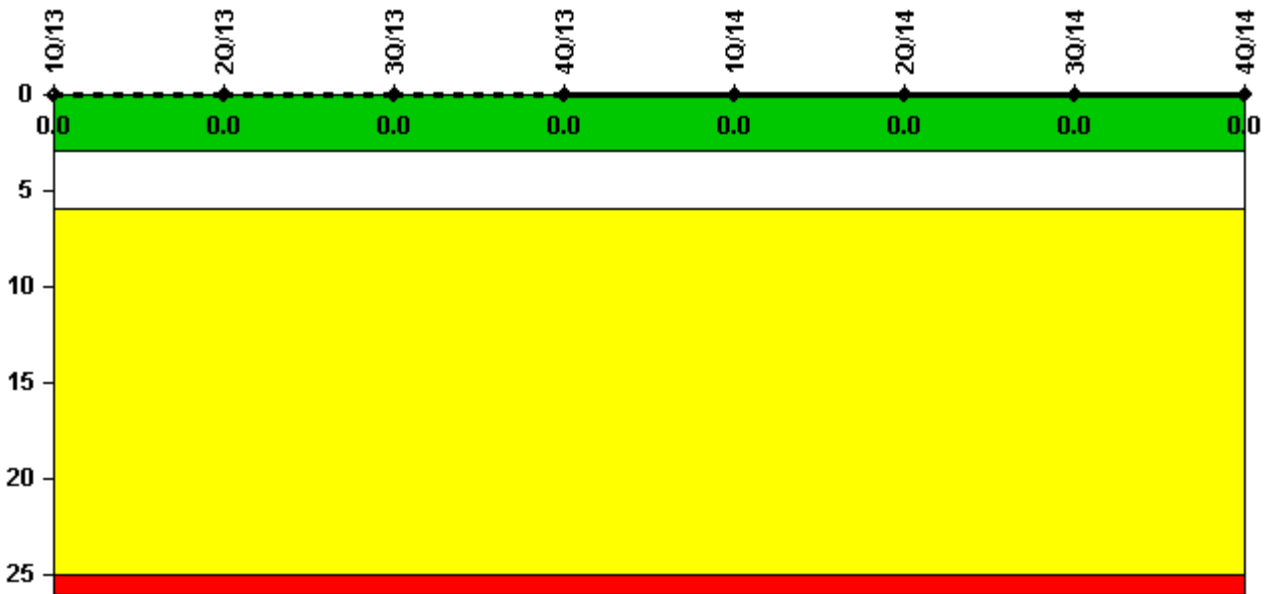
Peach Bottom 2

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



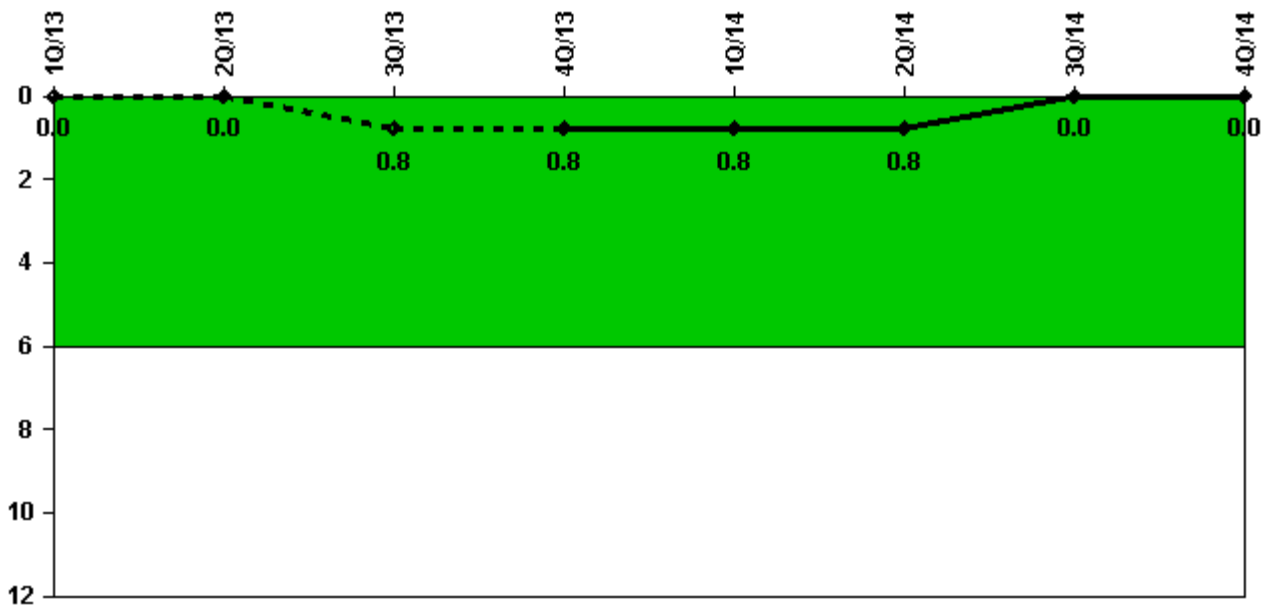
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 1201.5 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



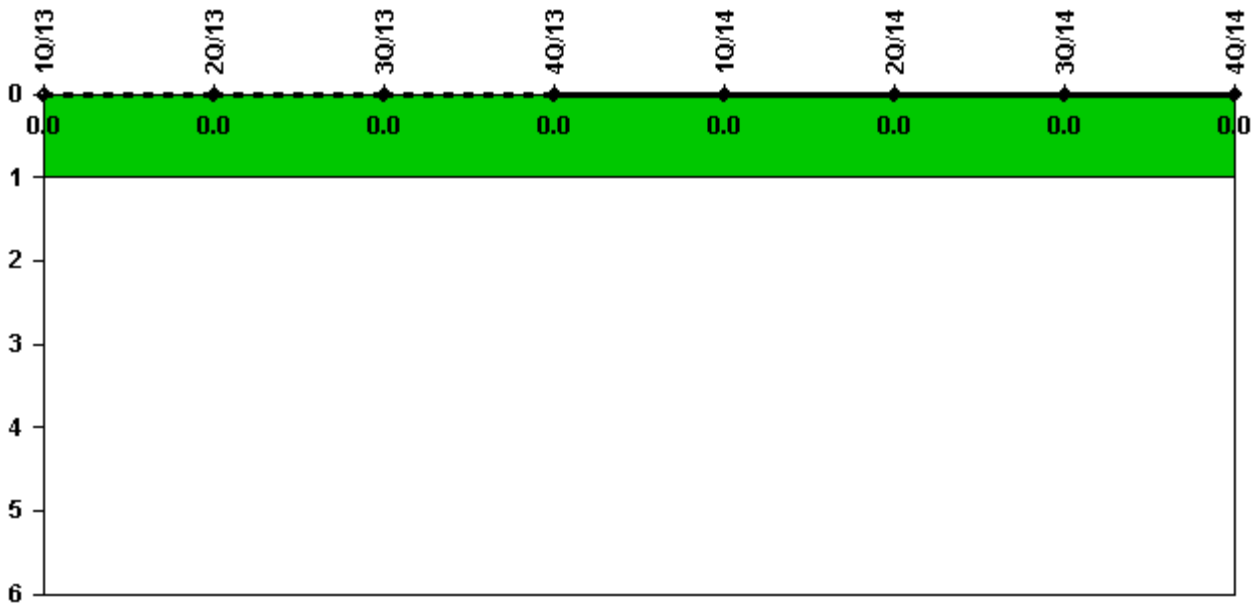
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|---|----------|----------|------------|------------|------------|------------|----------|----------|
| Unplanned power changes | 0 | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 1201.5 |
| Indicator value | 0 | 0 | 0.8 | 0.8 | 0.8 | 0.8 | 0 | 0 |

Licensee Comments: none

Unplanned Scrams with Complications



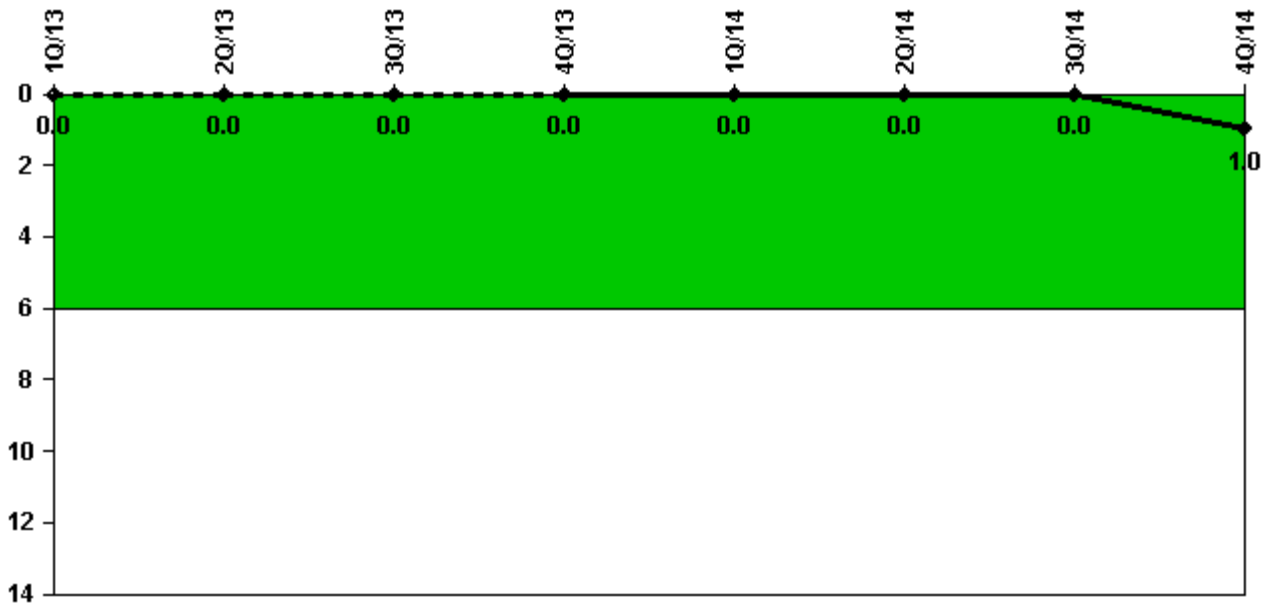
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

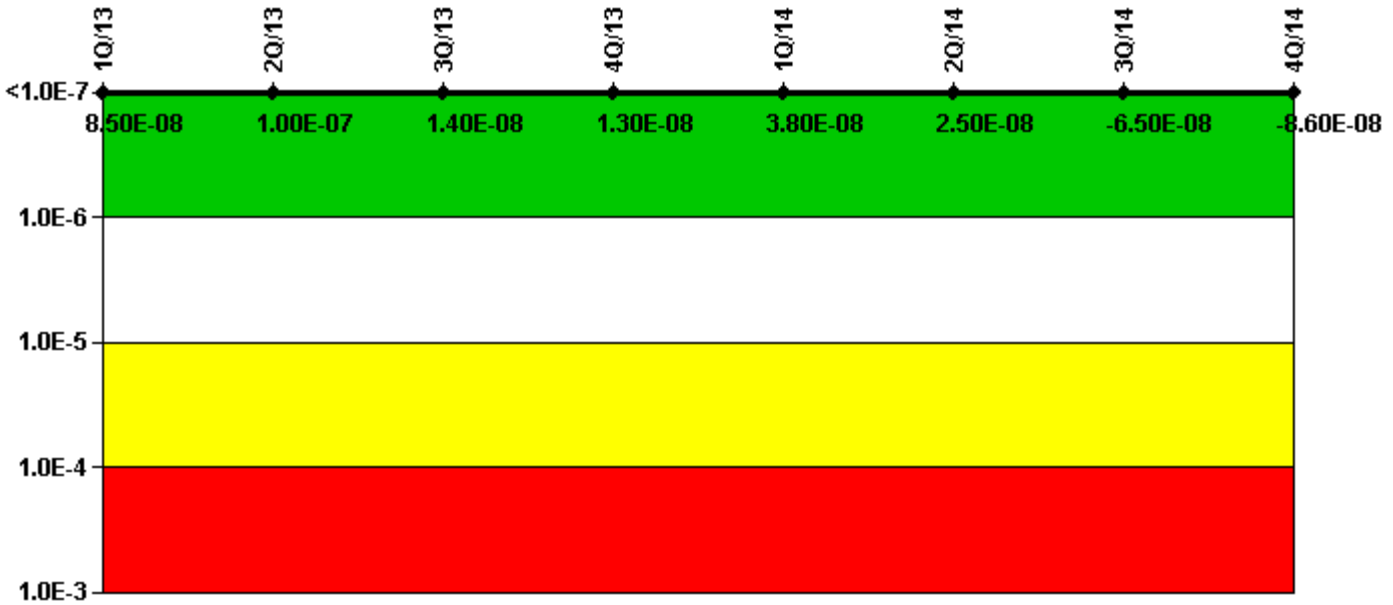
Notes

| Safety System Functional Failures (BWR) | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

Licensee Comments:

4Q/14: LER 2-14-003 was submitted in December to report a primary containment function being lost due to exceeding the allowable leakage limit.

Mitigating Systems Performance Index, Emergency AC Power System



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

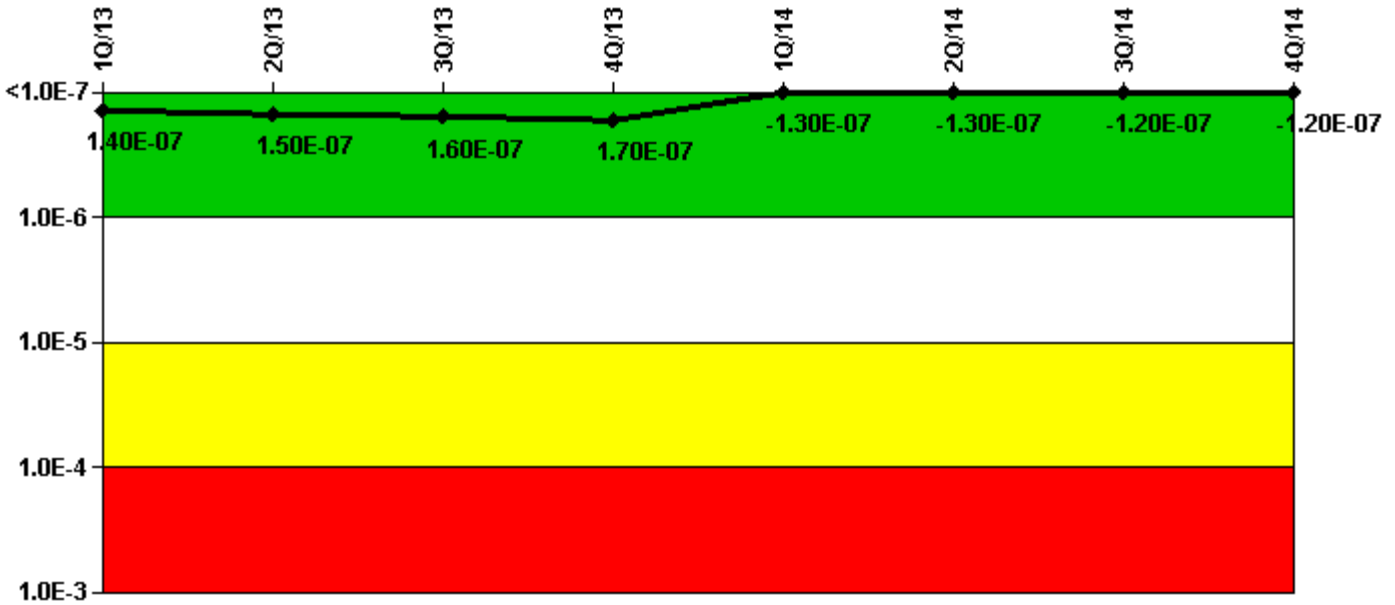
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|---|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 3.96E-08 | 5.19E-08 | 4.53E-08 | 4.38E-08 | 6.34E-08 | 4.45E-08 | 4.31E-08 | 1.95E-08 |
| URI (Δ CDF) | 4.57E-08 | 4.89E-08 | -3.11E-08 | -3.08E-08 | -2.49E-08 | -1.97E-08 | -1.08E-07 | -1.06E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 8.50E-08 | 1.00E-07 | 1.40E-08 | 1.30E-08 | 3.80E-08 | 2.50E-08 | 6.50E-08 | 8.60E-08 |

Licensee Comments:

3Q/13: Data correction to Unit 2 E2 EDG unavailability, 3Qtr2013. There is no change in threshold color.

Mitigating Systems Performance Index, High Pressure Injection System



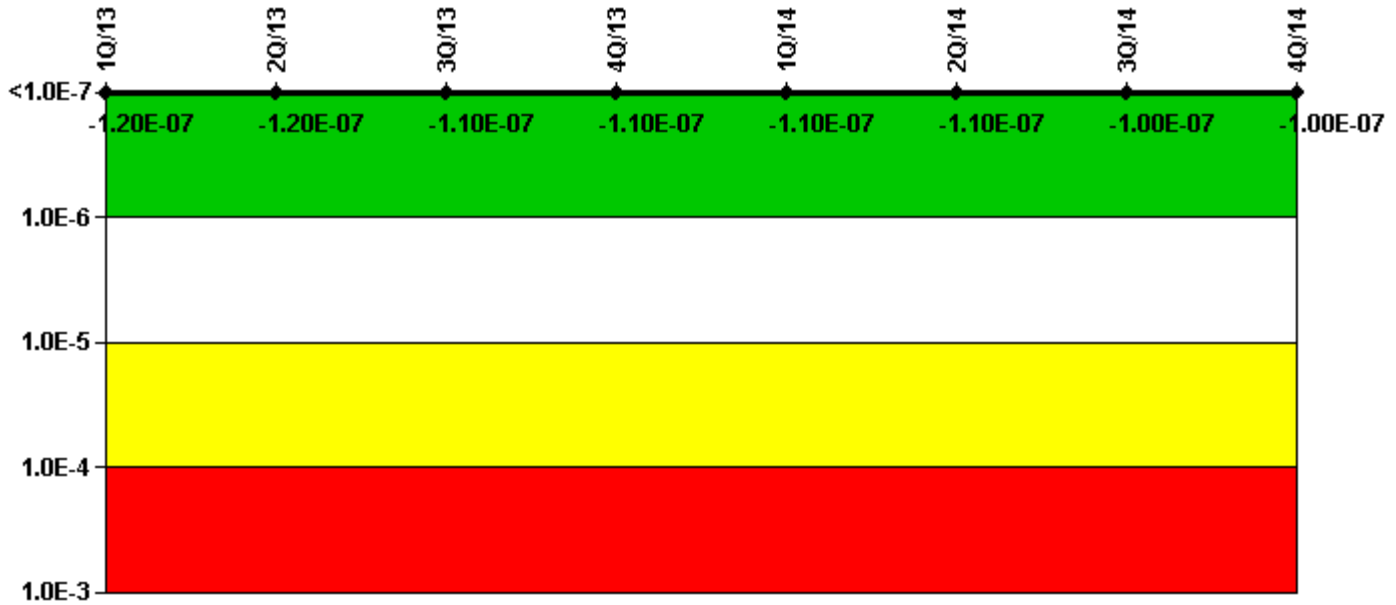
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -1.57E-08 | -1.57E-08 | -1.63E-08 | -1.65E-08 | -2.74E-08 | -2.74E-08 | -2.74E-08 | -2.63E-08 |
| URI (ΔCDF) | 1.60E-07 | 1.70E-07 | 1.80E-07 | 1.87E-07 | -1.01E-07 | -9.89E-08 | -9.64E-08 | -9.37E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.40E-07 | 1.50E-07 | 1.60E-07 | 1.70E-07 | -1.30E-07 | -1.30E-07 | -1.20E-07 | -1.20E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



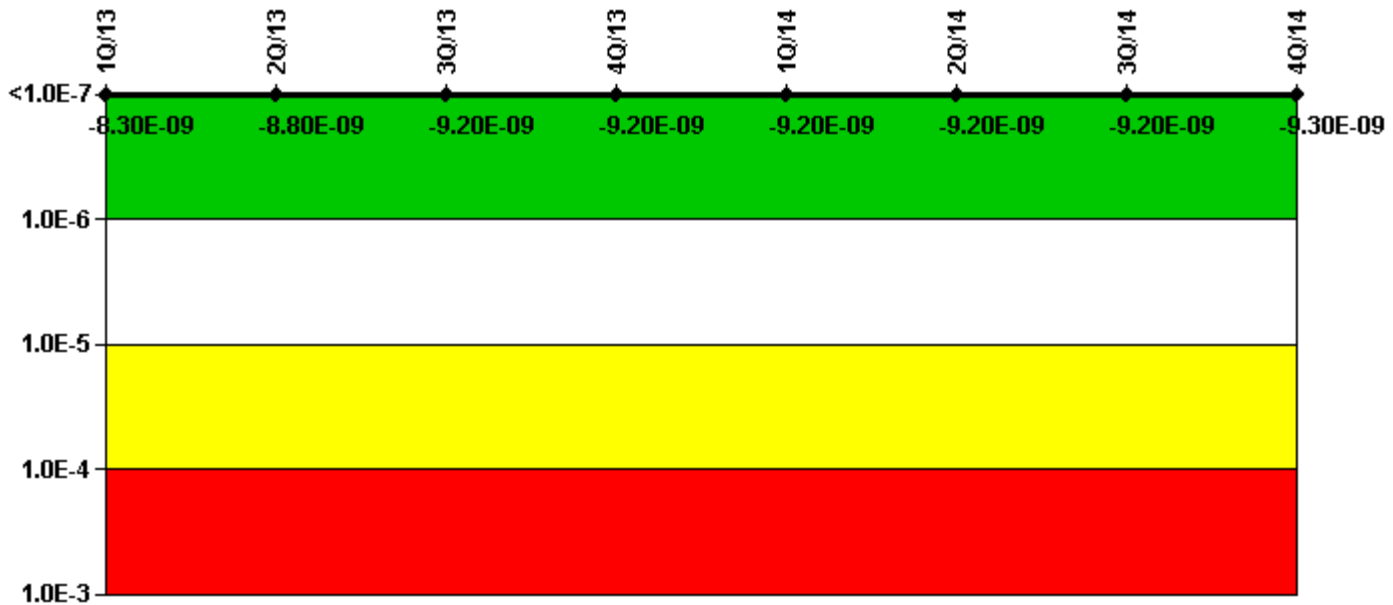
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -8.65E-08 | -8.40E-08 | -8.14E-08 | -7.95E-08 | -7.75E-08 | -7.55E-08 | -7.35E-08 | -7.13E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.20E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.00E-07 | -1.00E-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 | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.94E-10 | -1.94E-10 | -1.94E-10 | -1.94E-10 | -1.94E-10 | -1.94E-10 | -1.94E-10 | -2.86E-10 |
| URI (Δ CDF) | -8.14E-09 | -8.60E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.30E-09 | -8.80E-09 | -9.20E-09 | -9.20E-09 | -9.20E-09 | -9.20E-09 | -9.20E-09 | -9.30E-09 |

Licensee Comments:

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

1Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

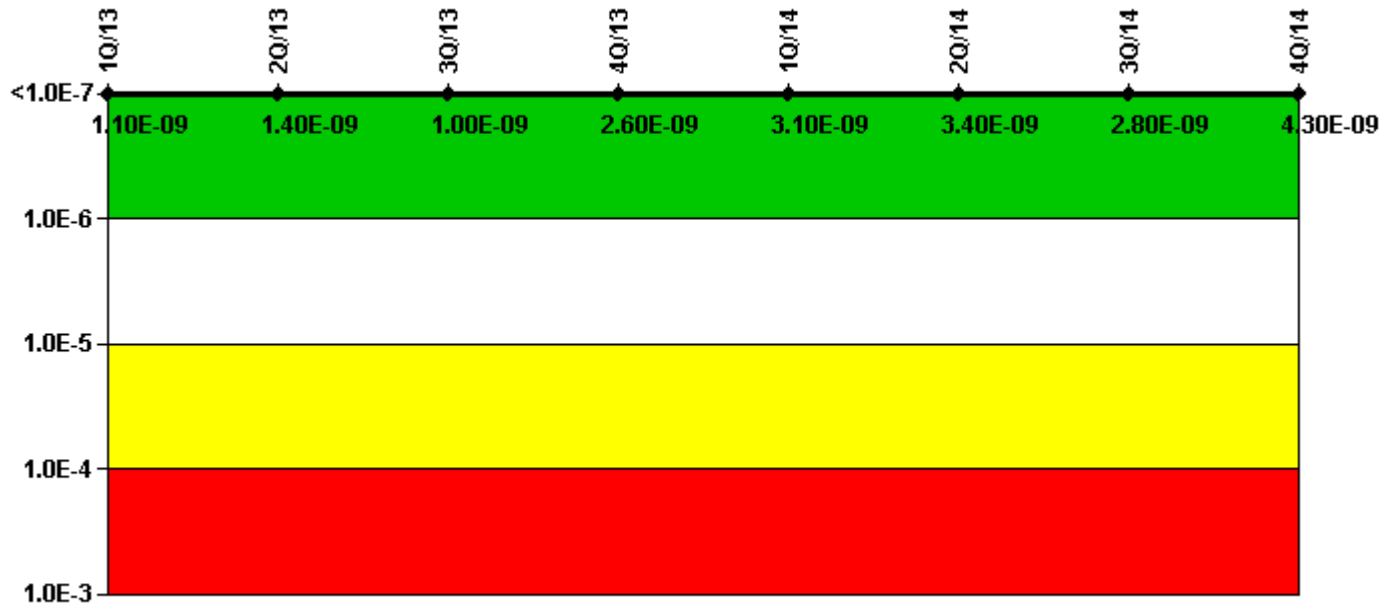
4Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

1Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

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/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 2.77E-09 | 2.99E-09 | 2.60E-09 | 3.62E-09 | 4.15E-09 | 4.38E-09 | 3.78E-09 | 5.30E-09 |
| URI (ΔCDF) | -1.63E-09 | -1.60E-09 | -1.57E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.10E-09 | 1.40E-09 | 1.00E-09 | 2.60E-09 | 3.10E-09 | 3.40E-09 | 2.80E-09 | 4.30E-09 |

Licensee Comments:

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

1Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

4Q/13: Changed PRA Parameter(s). Update applies to 4Q2013 forward. There was an MSPI Failure for 2B HPSW Motor, 2BP042-DR, cooling coil due to high moisture content on 12/09/2013. This impacted 4Q2013 and 1Q2014 data. No color change or threshold being exceeded. 1/2015 Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

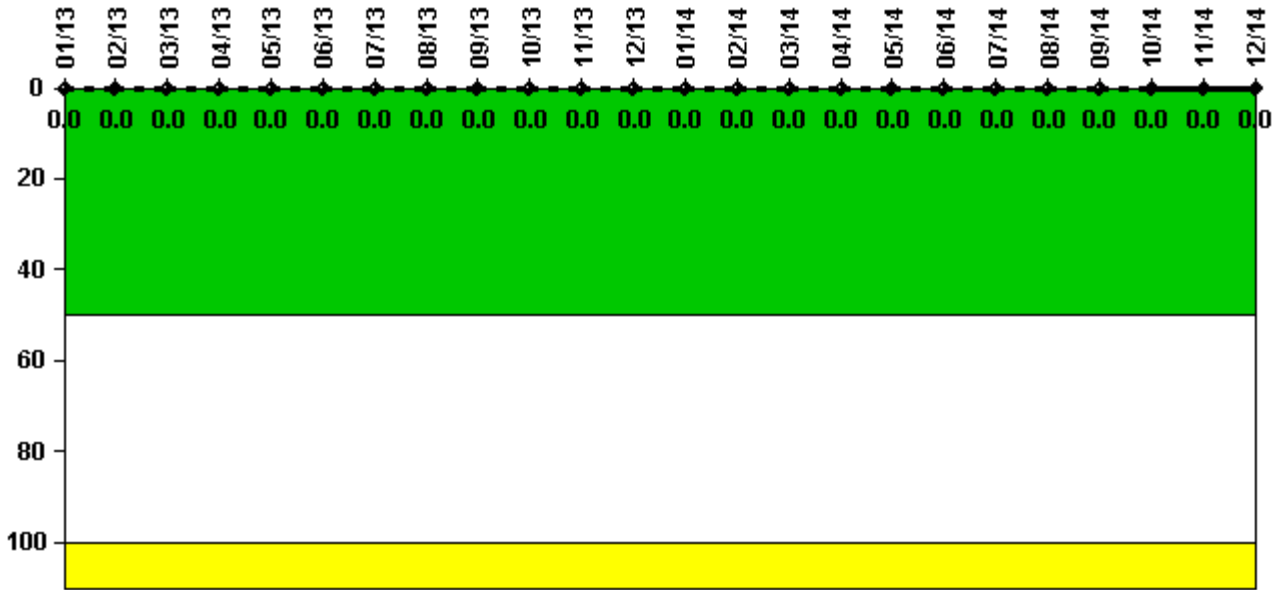
4Q/13: Update applies to 4Q2013 forward. There was an MSPI Failure for 2B HPSW Motor, 2BP042-DR, cooling coil due to high moisture content on 12/09/2013. This impacted 4Q2013 and 1Q2014 data. This did not result in a color change or threshold being exceeded.

3Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

1Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

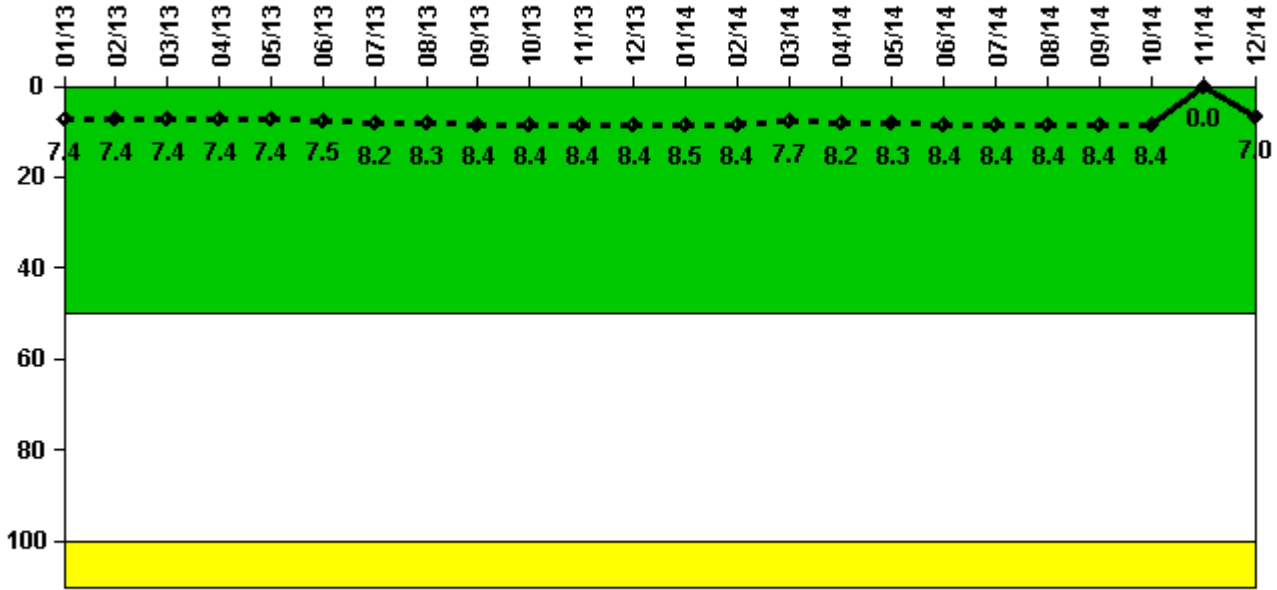
Notes

| Reactor Coolant System Activity | 1/13 | 2/13 | 3/13 | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000018 | 0.000017 | 0.000020 | 0.000017 | 0.000018 | 0.000019 | 0.000019 | 0.000019 | 0.000018 | 0.000018 | 0.000018 | 0.000018 |
| 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 | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------|----------|
| Maximum activity | 0.000020 | 0.000019 | 0.000021 | 0.000020 | 0.000018 | 0.000022 | 0.000021 | 0.000023 | 0.000019 | 0.000019 | 0 | 0.000025 |
| 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



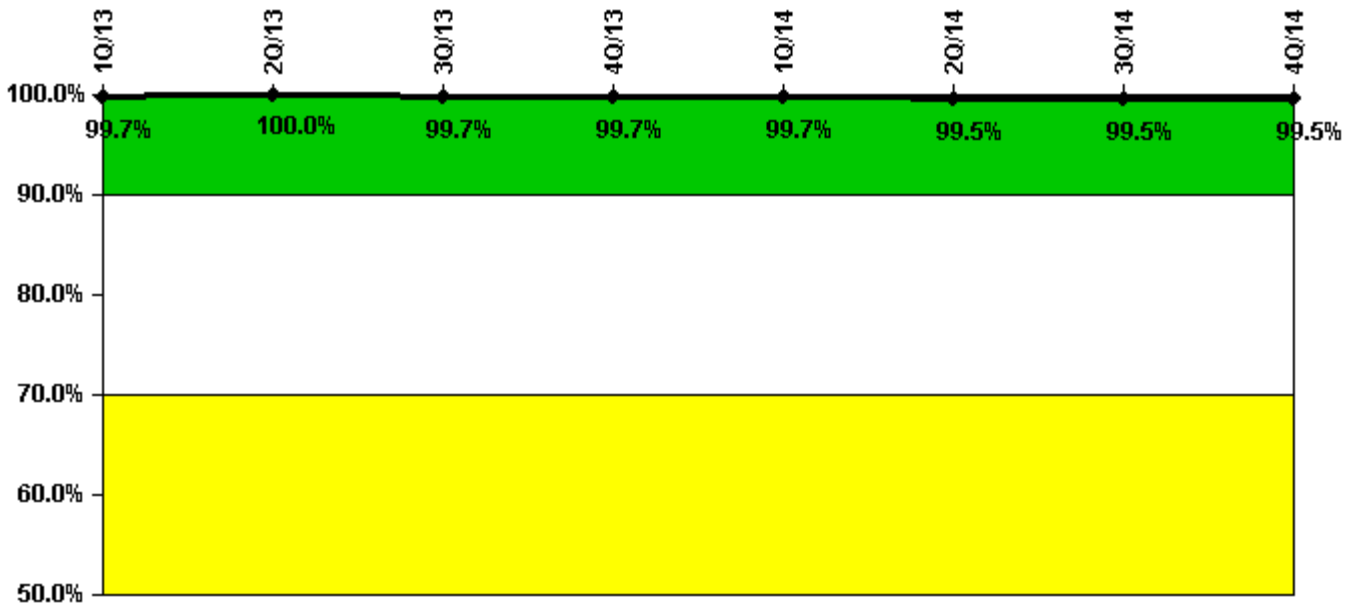
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 1/13 | 2/13 | 3/13 | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.840 | 1.840 | 1.860 | 1.850 | 1.850 | 1.880 | 2.060 | 2.070 | 2.090 | 2.110 | 2.100 | 2.100 |
| 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 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 |
| Reactor Coolant System Leakage | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 |
| Maximum leakage | 2.130 | 2.090 | 1.930 | 2.060 | 2.070 | 2.090 | 2.100 | 2.090 | 2.090 | 2.090 | 0 | 1.740 |
| 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 | 8.5 | 8.4 | 7.7 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 0 | 7.0 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

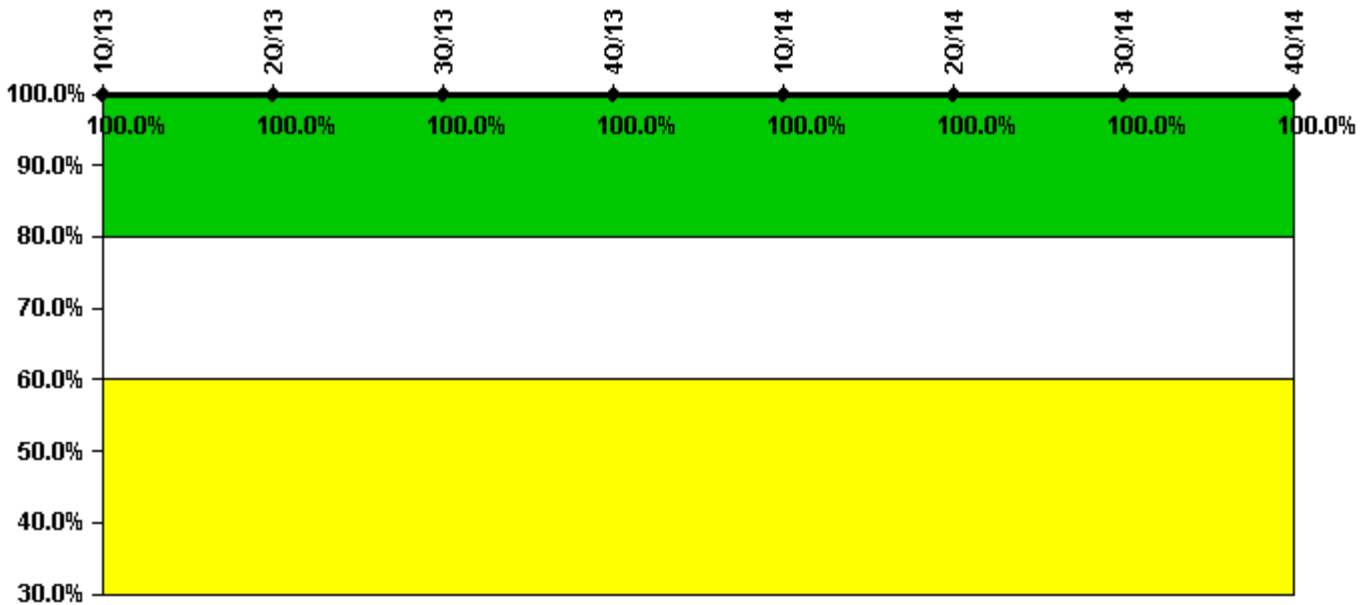
Notes

| Drill/Exercise Performance | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|----------------------------|-------|--------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 81.0 | 71.0 | 9.0 | 27.0 | 106.0 | 46.0 | 34.0 | 0 |
| Total opportunities | 81.0 | 71.0 | 10.0 | 27.0 | 106.0 | 47.0 | 34.0 | 0 |
| Indicator value | 99.7% | 100.0% | 99.7% | 99.7% | 99.7% | 99.5% | 99.5% | 99.5% |

Licensee Comments:

2Q/14: Data correction for June NRC Drill and Exercise (DEP) data. No change in PI threshold color.

ERO Drill Participation



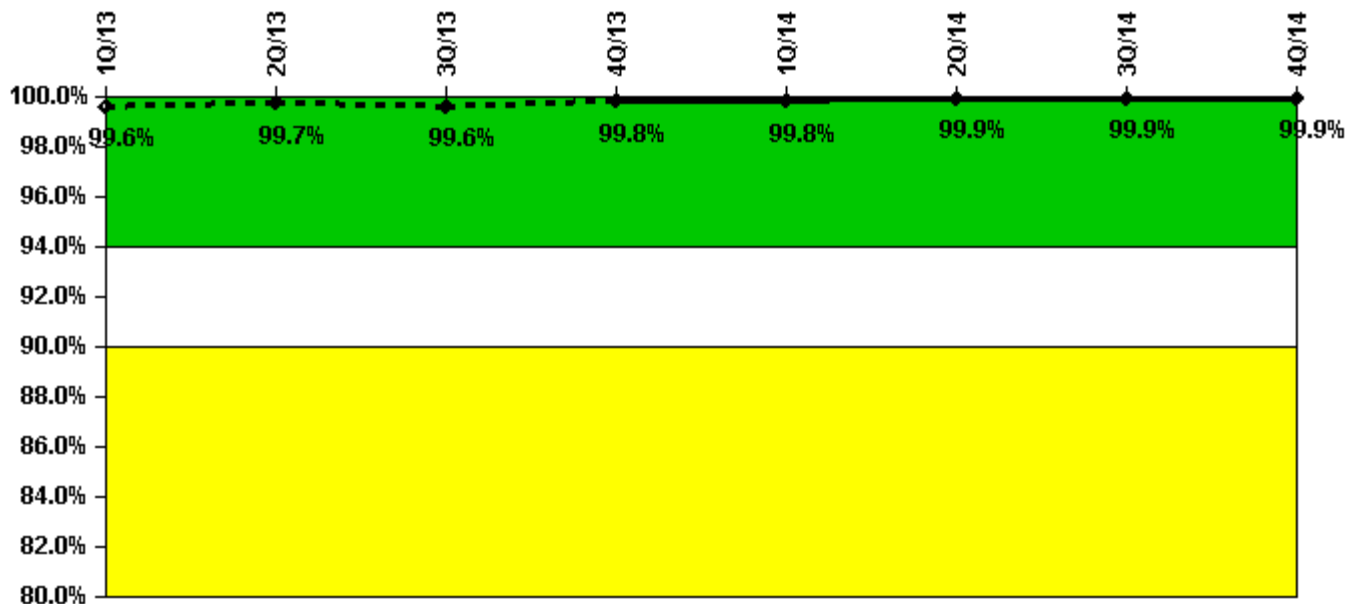
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 75.0 | 77.0 | 76.0 | 75.0 | 77.0 | 80.0 | 77.0 | 74.0 |
| Total Key personnel | 75.0 | 77.0 | 76.0 | 75.0 | 77.0 | 80.0 | 77.0 | 74.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



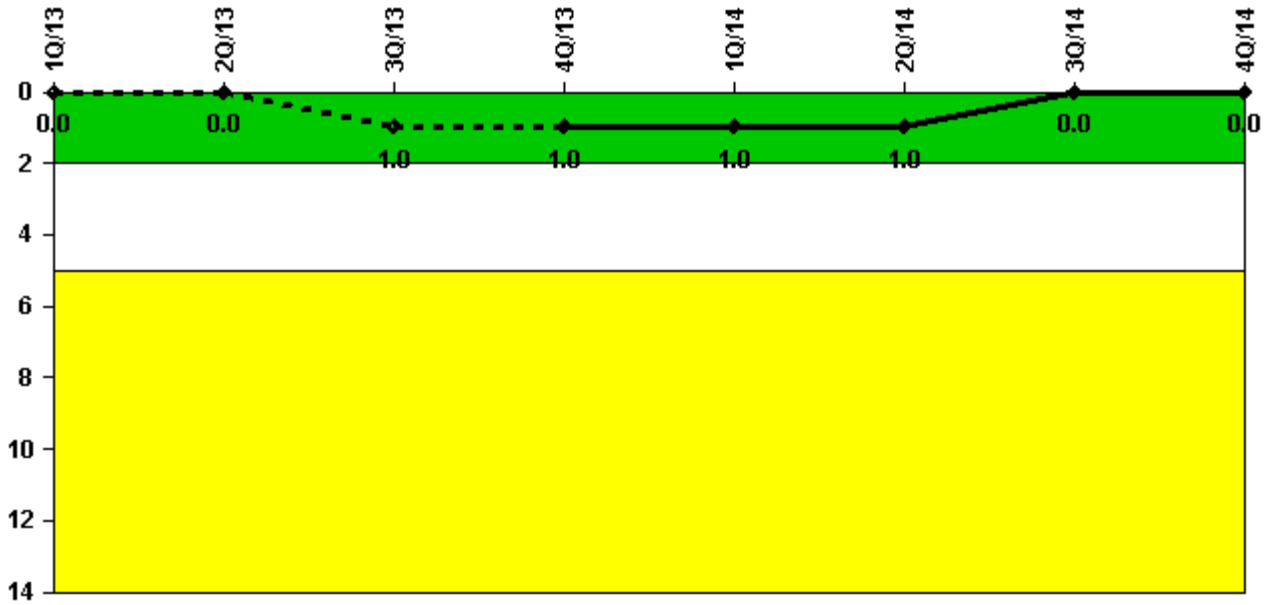
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1256 | 1259 | 1256 | 1261 | 1260 | 1261 | 1258 | 1356 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1358 |
| Indicator value | 99.6% | 99.7% | 99.6% | 99.8% | 99.8% | 99.9% | 99.9% | 99.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



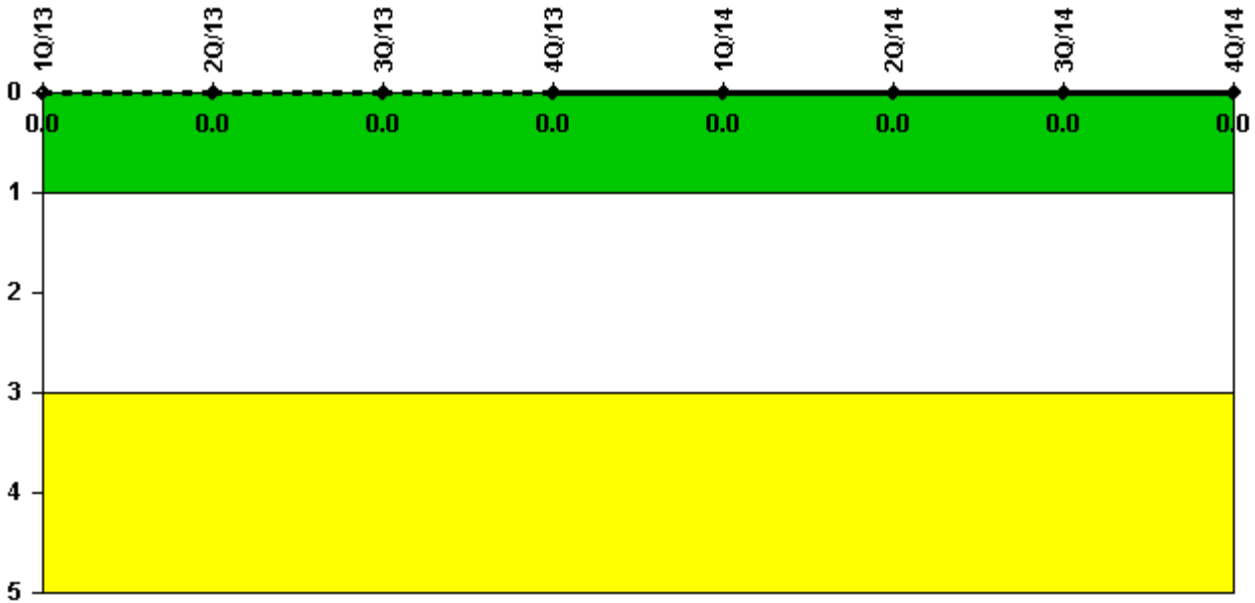
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 1 | 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 | 1 | 1 | 1 | 1 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 1Q/13 | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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: February 3, 2015

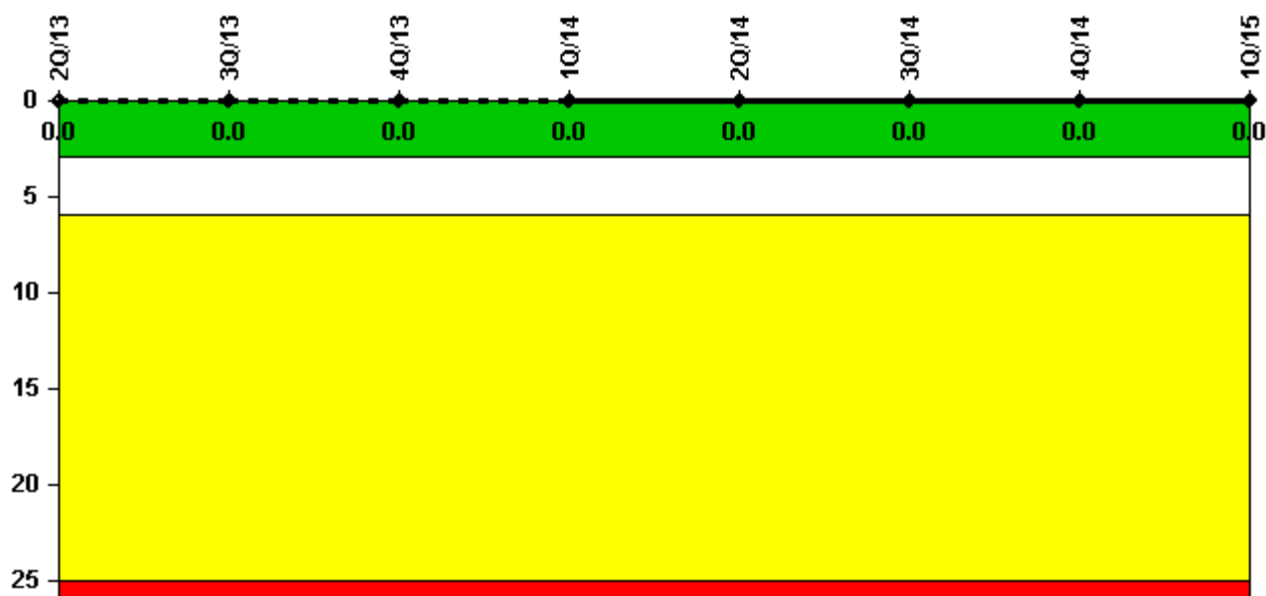
Peach Bottom 2

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



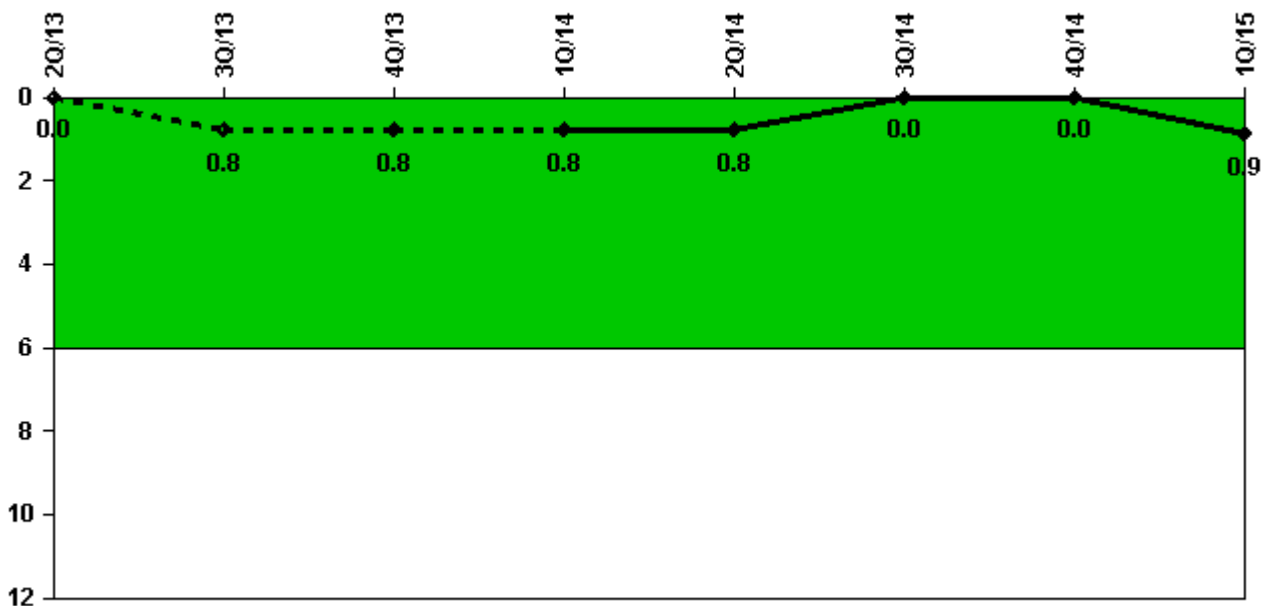
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 1201.5 | 2159.0 |
| | | | | | | | | |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



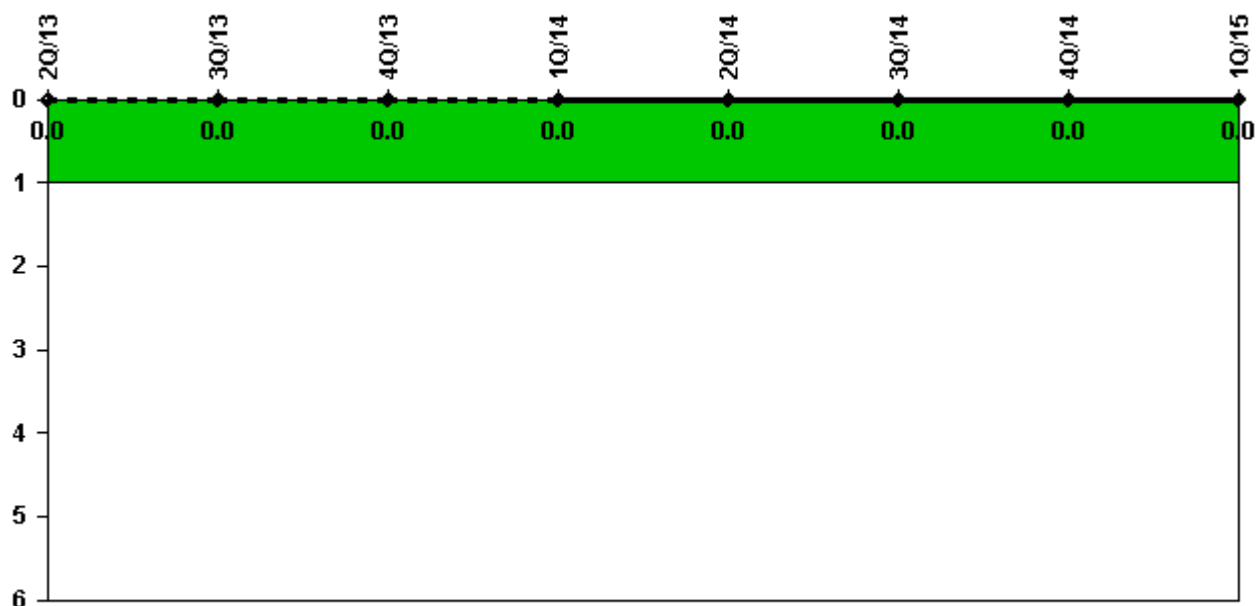
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|---|----------|------------|------------|------------|------------|----------|----------|------------|
| Unplanned power changes | 0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2184.0 | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 1201.5 | 2159.0 |
| Indicator value | 0 | 0.8 | 0.8 | 0.8 | 0.8 | 0 | 0 | 0.9 |

Licensee Comments: none

Unplanned Scrams with Complications



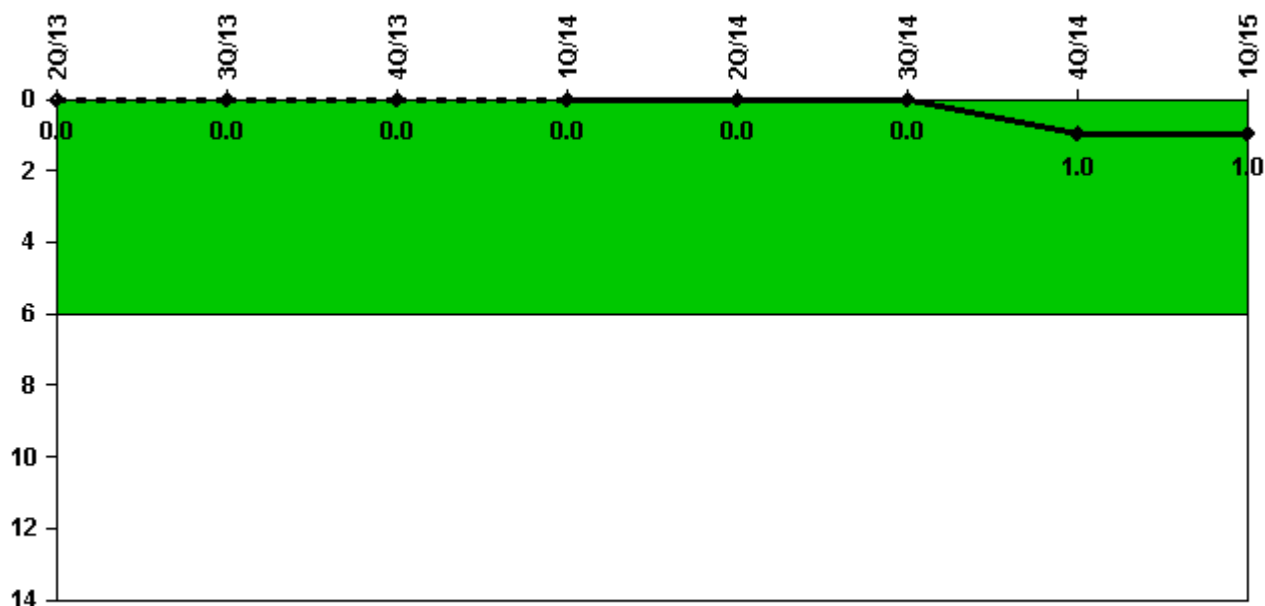
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

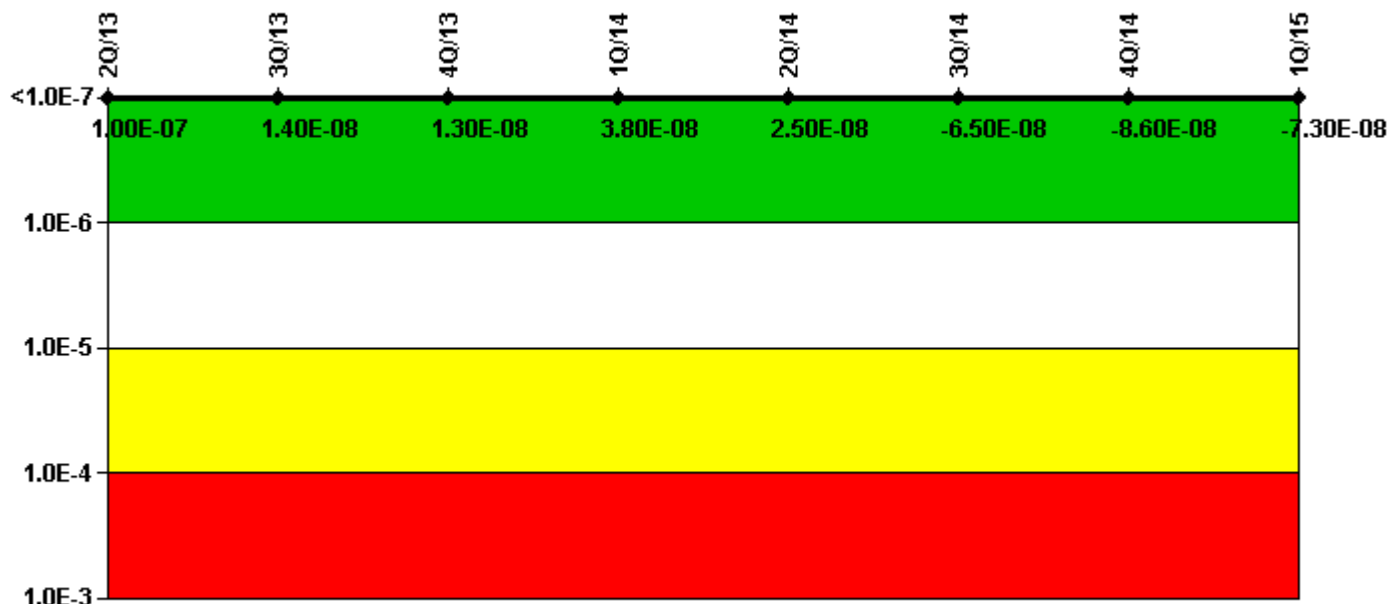
Notes

| Safety System Functional Failures (BWR) | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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/14: LER 2-14-003 was submitted in December to report a primary containment function being lost due to exceeding the allowable leakage limit.

Mitigating Systems Performance Index, Emergency AC Power System



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

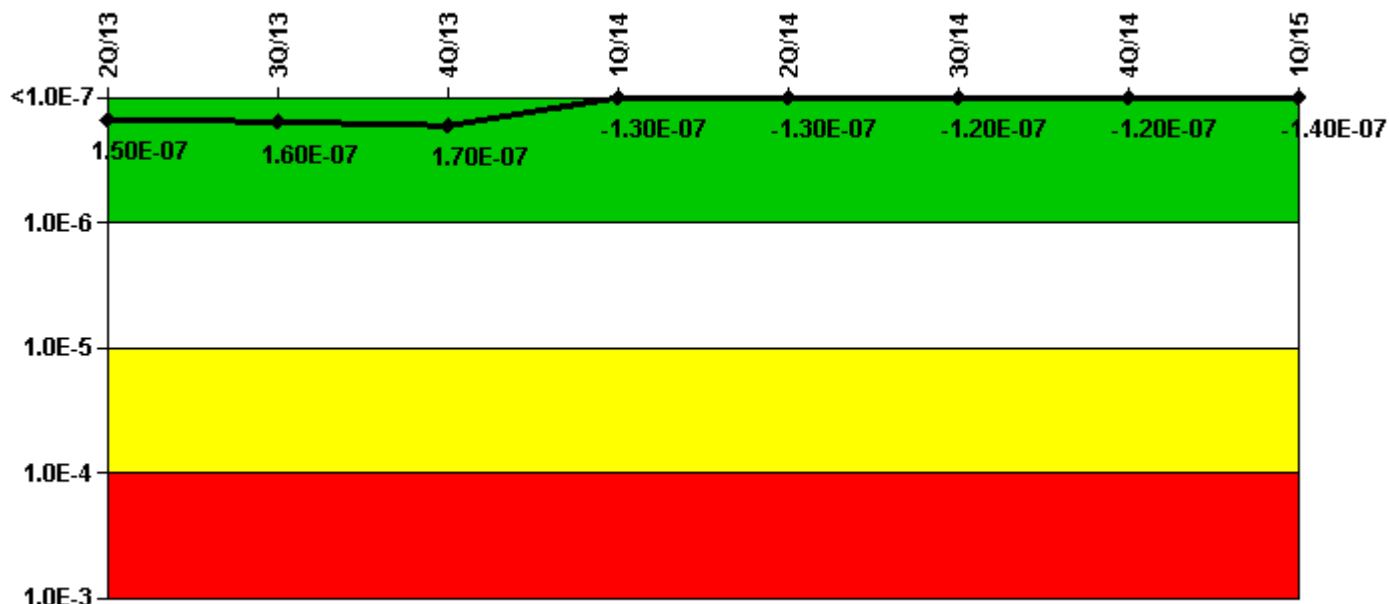
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|---|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 5.19E-08 | 4.53E-08 | 4.38E-08 | 6.34E-08 | 4.45E-08 | 4.31E-08 | 1.95E-08 | 3.27E-08 |
| URI (Δ CDF) | 4.89E-08 | -3.11E-08 | -3.08E-08 | -2.49E-08 | -1.97E-08 | -1.08E-07 | -1.06E-07 | -1.06E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.00E-07 | 1.40E-08 | 1.30E-08 | 3.80E-08 | 2.50E-08 | -6.50E-08 | -8.60E-08 | -7.30E-08 |

Licensee Comments:

3Q/13: Data correction to Unit 2 E2 EDG unavailability, 3Qtr2013. There is no change in threshold color.

Mitigating Systems Performance Index, High Pressure Injection System



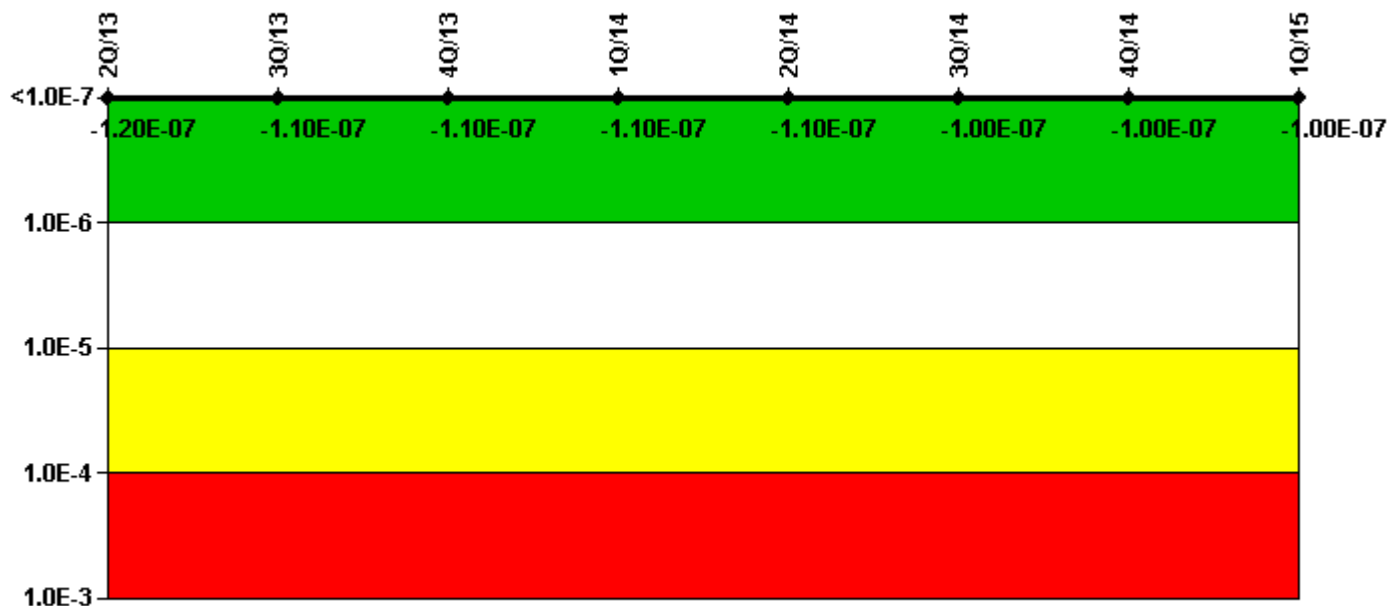
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -1.57E-08 | -1.63E-08 | -1.65E-08 | -2.74E-08 | -2.74E-08 | -2.74E-08 | -2.63E-08 | -5.30E-08 |
| URI (ΔCDF) | 1.70E-07 | 1.80E-07 | 1.87E-07 | -1.01E-07 | -9.89E-08 | -9.64E-08 | -9.37E-08 | -9.10E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.50E-07 | 1.60E-07 | 1.70E-07 | -1.30E-07 | -1.30E-07 | -1.20E-07 | -1.20E-07 | -1.40E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



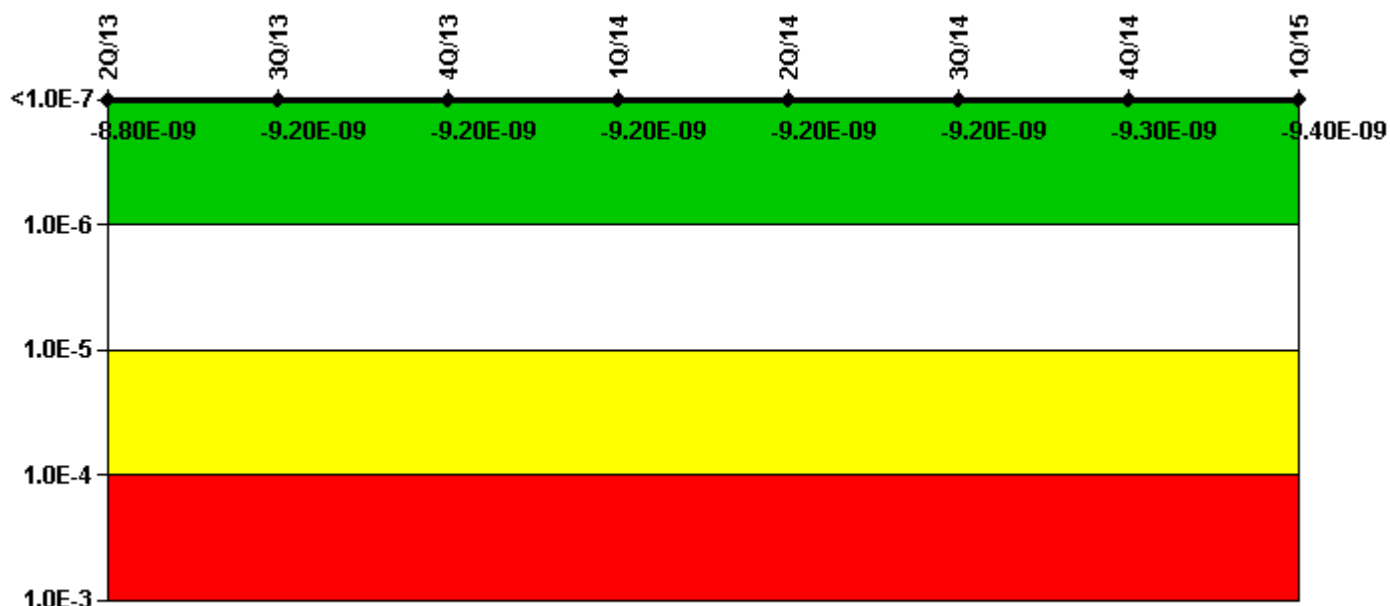
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 |
| URI (Δ CDF) | -8.40E-08 | -8.14E-08 | -7.95E-08 | -7.75E-08 | -7.55E-08 | -7.35E-08 | -7.13E-08 | -6.91E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.00E-07 | -1.00E-07 | -1.00E-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/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.94E-10 | -1.94E-10 | -1.94E-10 | -1.94E-10 | -1.94E-10 | -1.94E-10 | -2.86E-10 | -3.70E-10 |
| URI (Δ CDF) | -8.60E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.80E-09 | -9.20E-09 | -9.20E-09 | -9.20E-09 | -9.20E-09 | -9.20E-09 | -9.30E-09 | -9.40E-09 |

Licensee Comments:

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

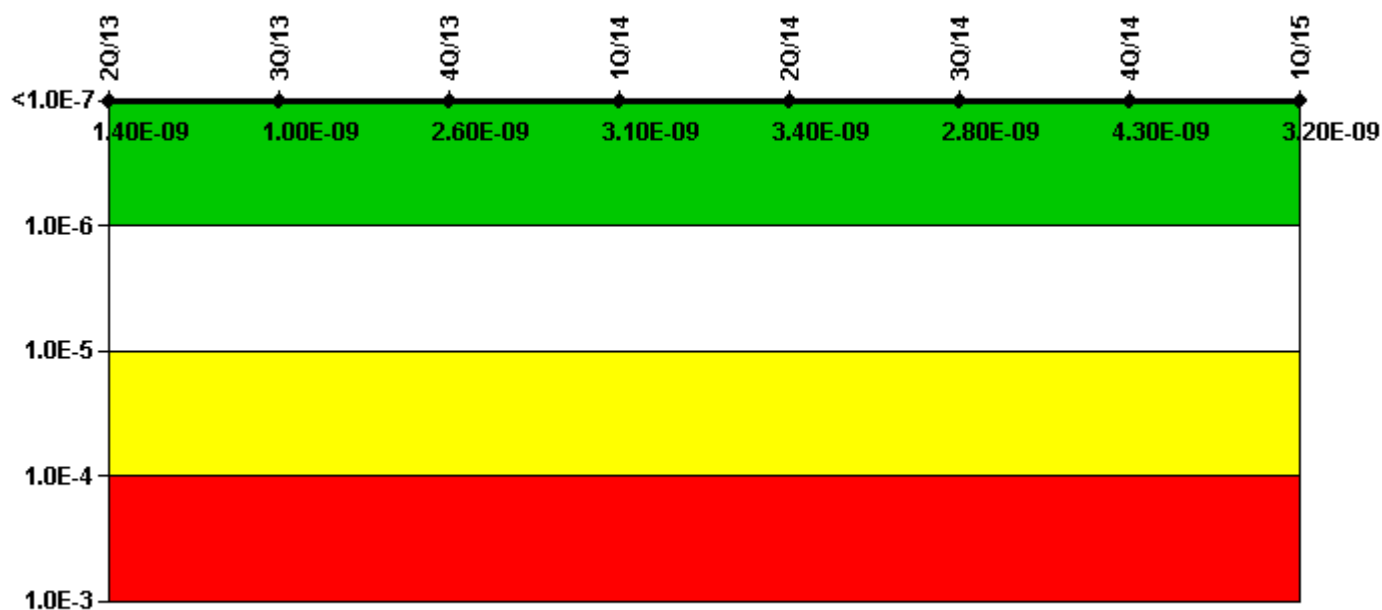
1Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

4Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

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/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 2.99E-09 | 2.60E-09 | 3.62E-09 | 4.15E-09 | 4.38E-09 | 3.78E-09 | 5.30E-09 | 4.22E-09 |
| URI (Δ CDF) | -1.60E-09 | -1.57E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.40E-09 | 1.00E-09 | 2.60E-09 | 3.10E-09 | 3.40E-09 | 2.80E-09 | 4.30E-09 | 3.20E-09 |

Licensee Comments:

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

1Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

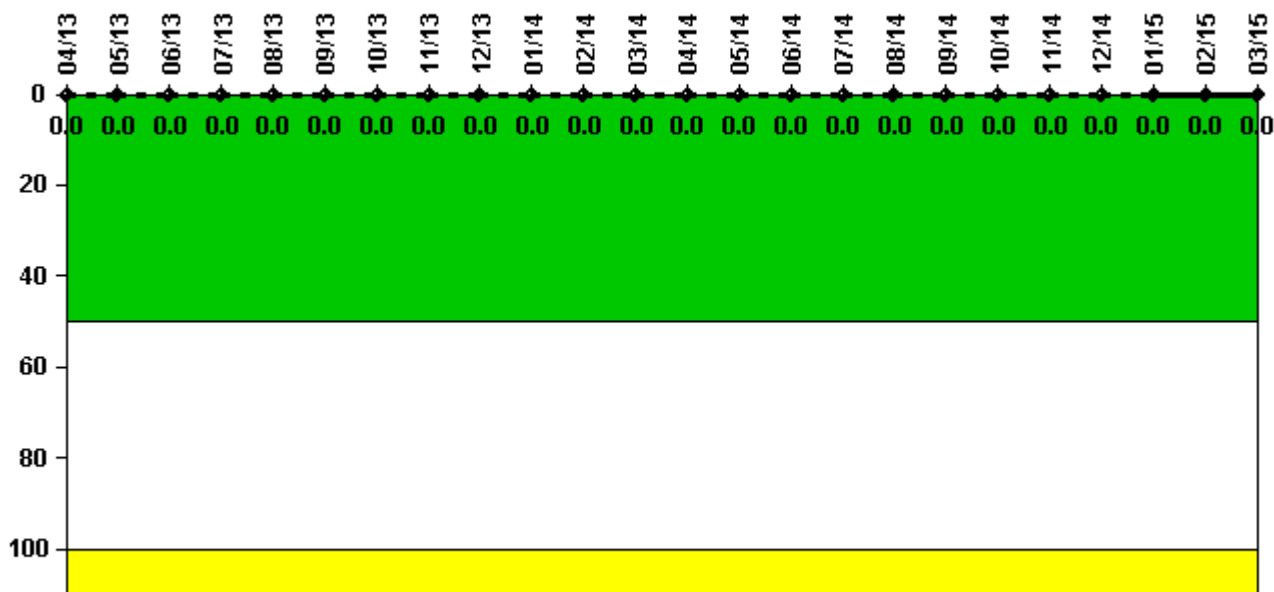
4Q/13: Changed PRA Parameter(s). Update applies to 4Q2013 forward. There was an MSPI Failure for 2B HPSW Motor, 2BP042-DR, cooling coil due to high moisture content on 12/09/2013. This impacted 4Q2013 and 1Q2014 data. No color change or threshold being exceeded. 1/2015 Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

4Q/13: Update applies to 4Q2013 forward. There was an MSPI Failure for 2B HPSW Motor, 2BP042-DR, cooling coil due to high moisture content on 12/09/2013. This impacted 4Q2013 and 1Q2014 data. This did not result in a color change or threshold being exceeded.

3Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

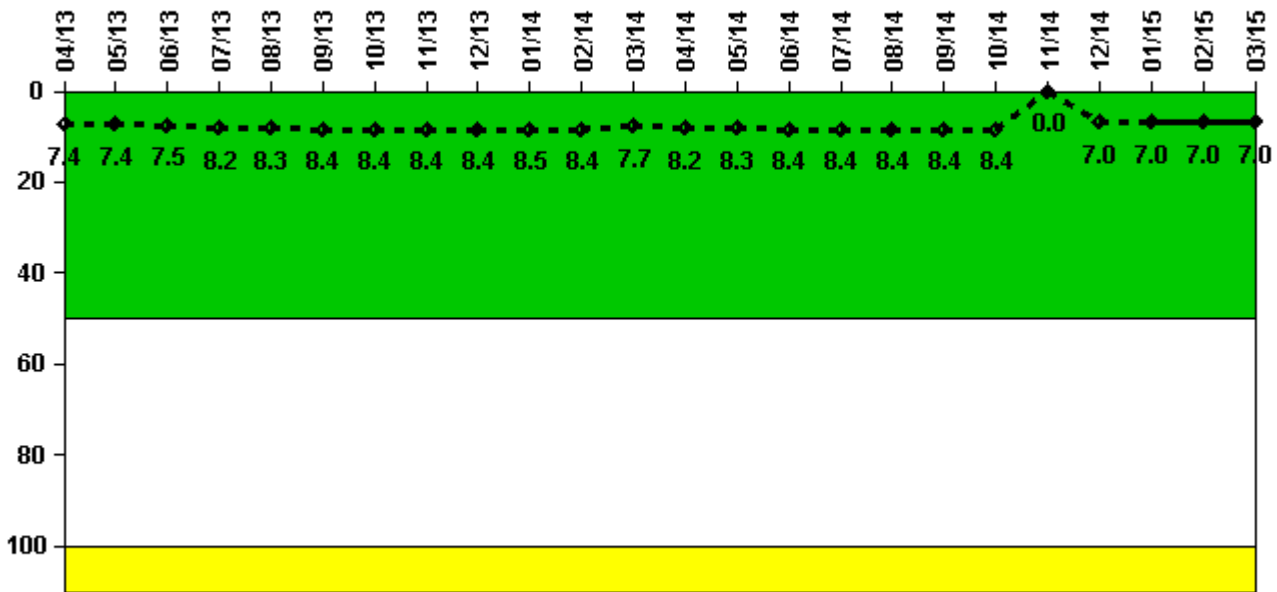
Notes

| Reactor Coolant System Activity | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Maximum activity | 0.000017 | 0.000018 | 0.000019 | 0.000019 | 0.000019 | 0.000018 | 0.000018 | 0.000018 | 0.000018 | 0.000020 | 0.000019 | 0.000021 |
| 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 | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Maximum activity | 0.000020 | 0.000018 | 0.000022 | 0.000021 | 0.000023 | 0.000019 | 0.000019 | 0 | 0.000025 | 0.000021 | 0.000020 | 0.000019 |
| 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

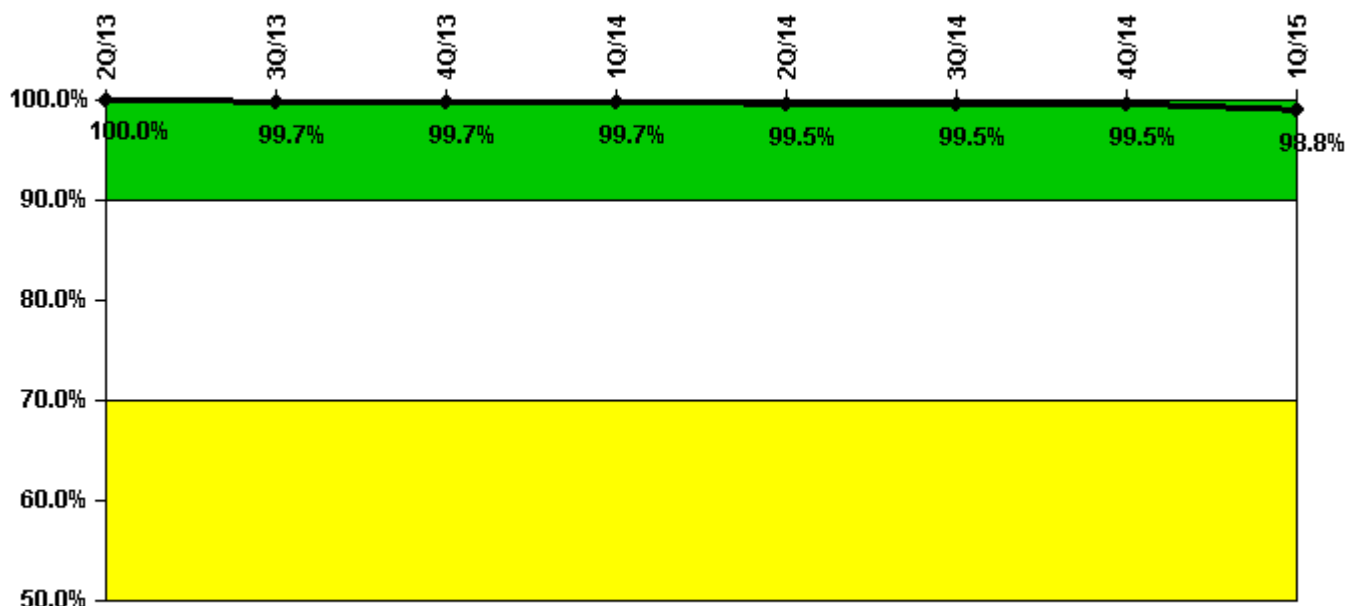
Notes

| Reactor Coolant System Leakage | 4/13 | 5/13 | 6/13 | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.850 | 1.850 | 1.880 | 2.060 | 2.070 | 2.090 | 2.110 | 2.100 | 2.100 | 2.130 | 2.090 | 1.930 |
| 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 | 7.4 | 7.4 | 7.5 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 | 8.5 | 8.4 | 7.7 |

| Reactor Coolant System Leakage | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.060 | 2.070 | 2.090 | 2.100 | 2.090 | 2.090 | 2.090 | 0 | 1.740 | 1.750 | 1.750 | 1.750 |
| 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 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 0 | 7.0 | 7.0 | 7.0 | 7.0 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

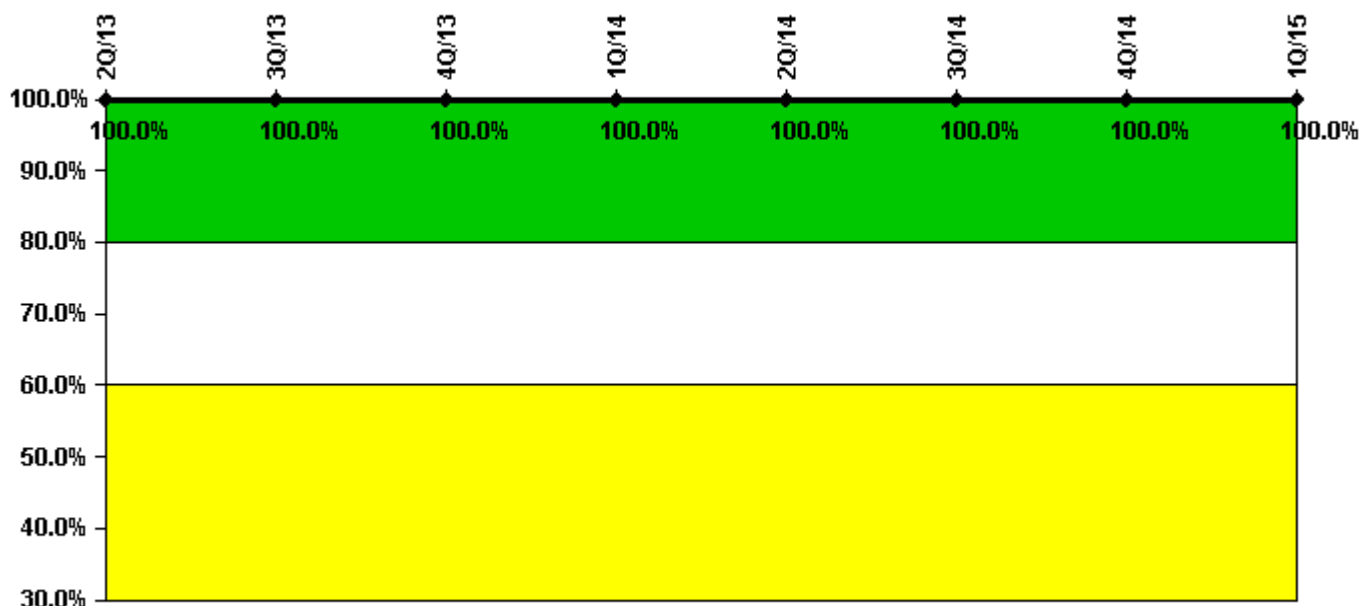
Notes

| Drill/Exercise Performance | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|----------------------------|--------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 71.0 | 9.0 | 27.0 | 106.0 | 46.0 | 34.0 | 0 | 102.0 |
| Total opportunities | 71.0 | 10.0 | 27.0 | 106.0 | 47.0 | 34.0 | 0 | 105.0 |
| Indicator value | 100.0% | 99.7% | 99.7% | 99.7% | 99.5% | 99.5% | 99.5% | 98.8% |

Licensee Comments:

2Q/14: Data correction for June NRC Drill and Exercise (DEP) data. No change in PI threshold color.

ERO Drill Participation



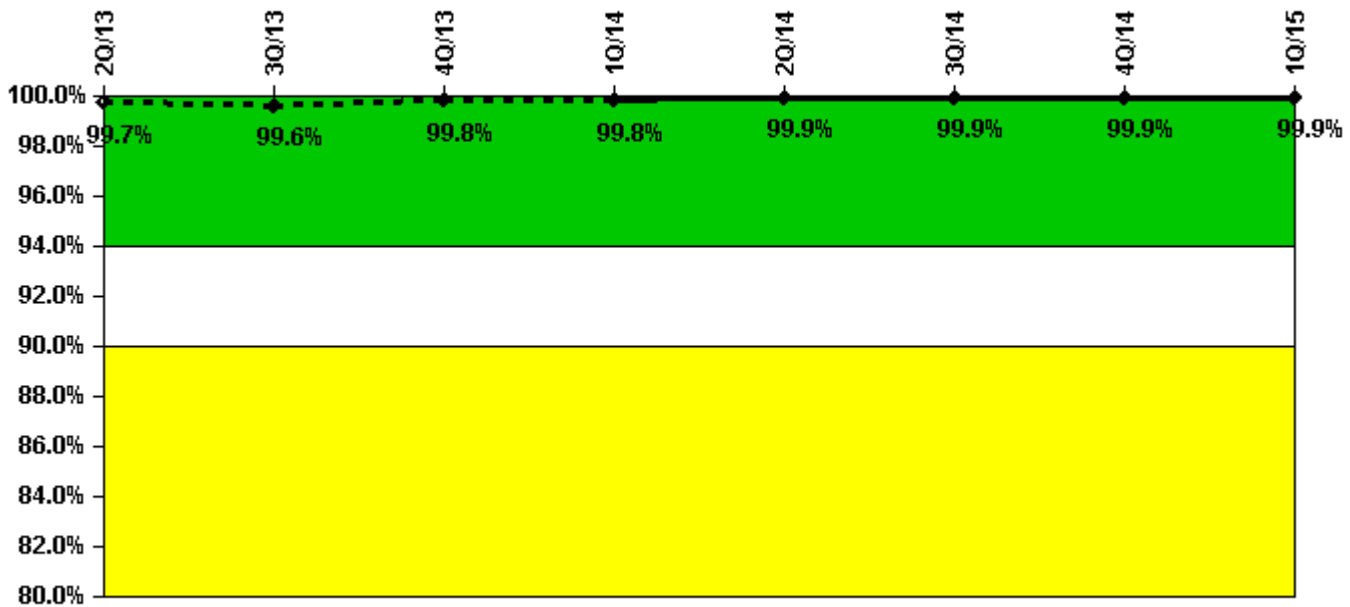
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 77.0 | 76.0 | 75.0 | 77.0 | 80.0 | 77.0 | 74.0 | 76.0 |
| Total Key personnel | 77.0 | 76.0 | 75.0 | 77.0 | 80.0 | 77.0 | 74.0 | 76.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



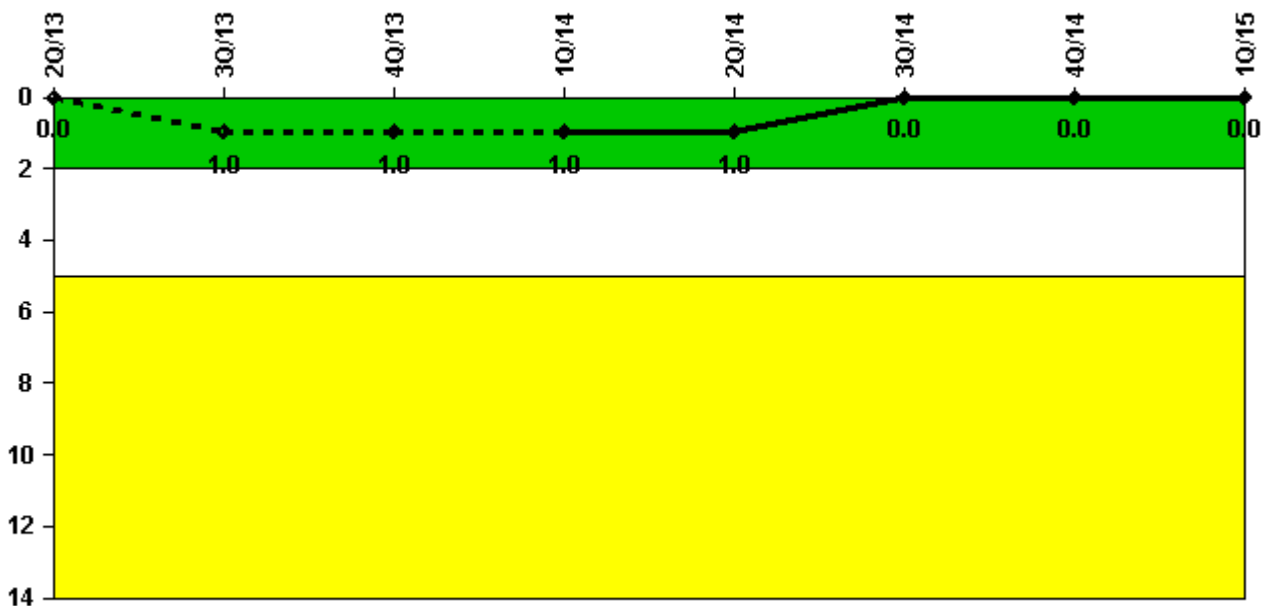
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1259 | 1256 | 1261 | 1260 | 1261 | 1258 | 1356 | 1163 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1358 | 1164 |
| Indicator value | 99.7% | 99.6% | 99.8% | 99.8% | 99.9% | 99.9% | 99.9% | 99.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



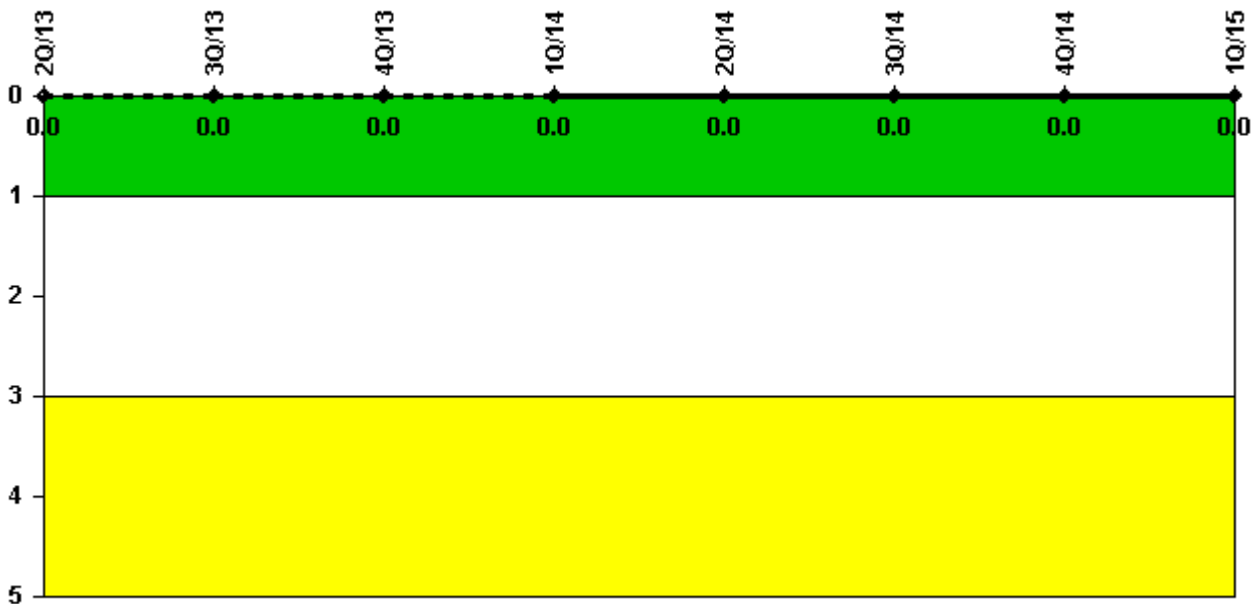
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 1 | 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 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 2Q/13 | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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, 2015

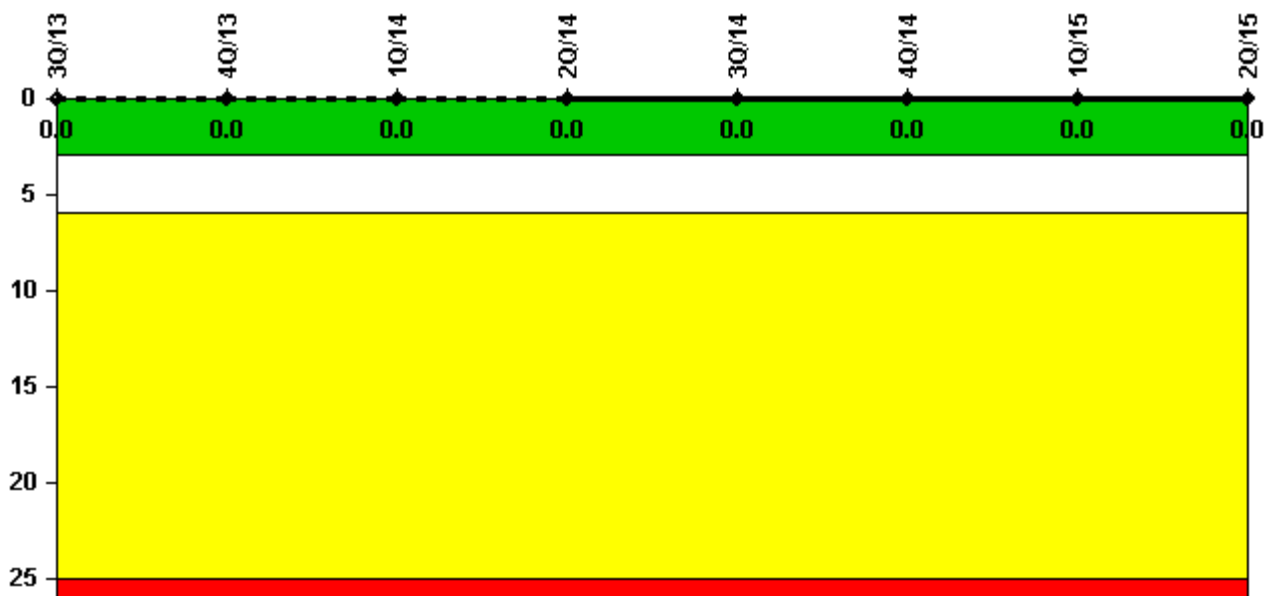
Peach Bottom 2

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



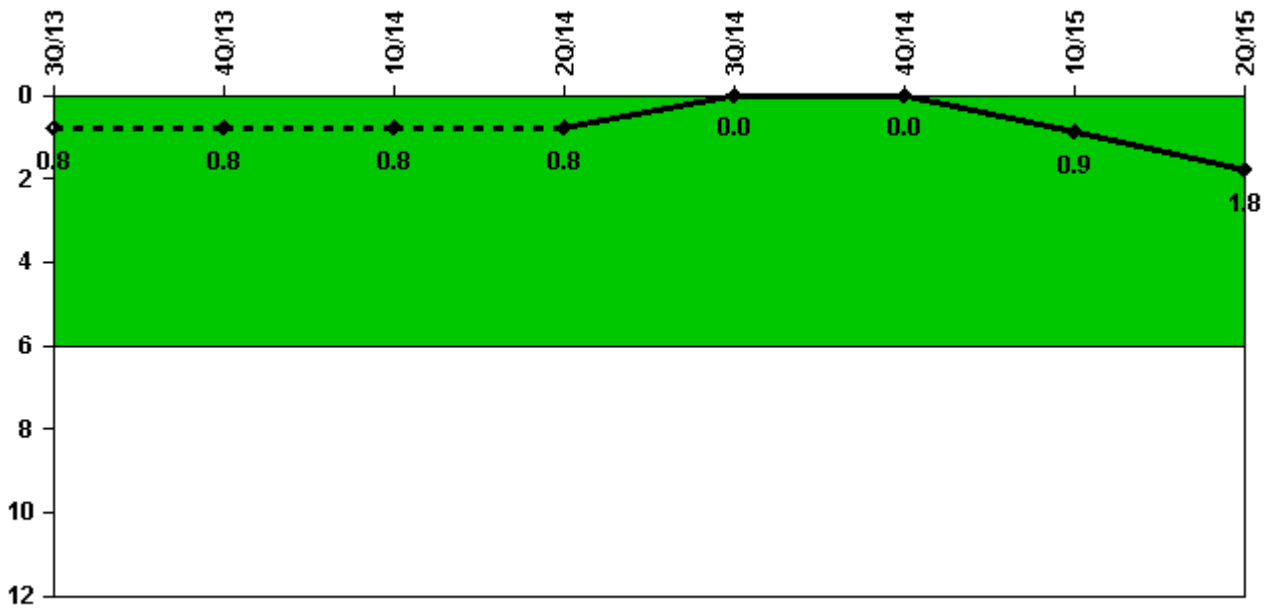
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 1201.5 | 2159.0 | 2184.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



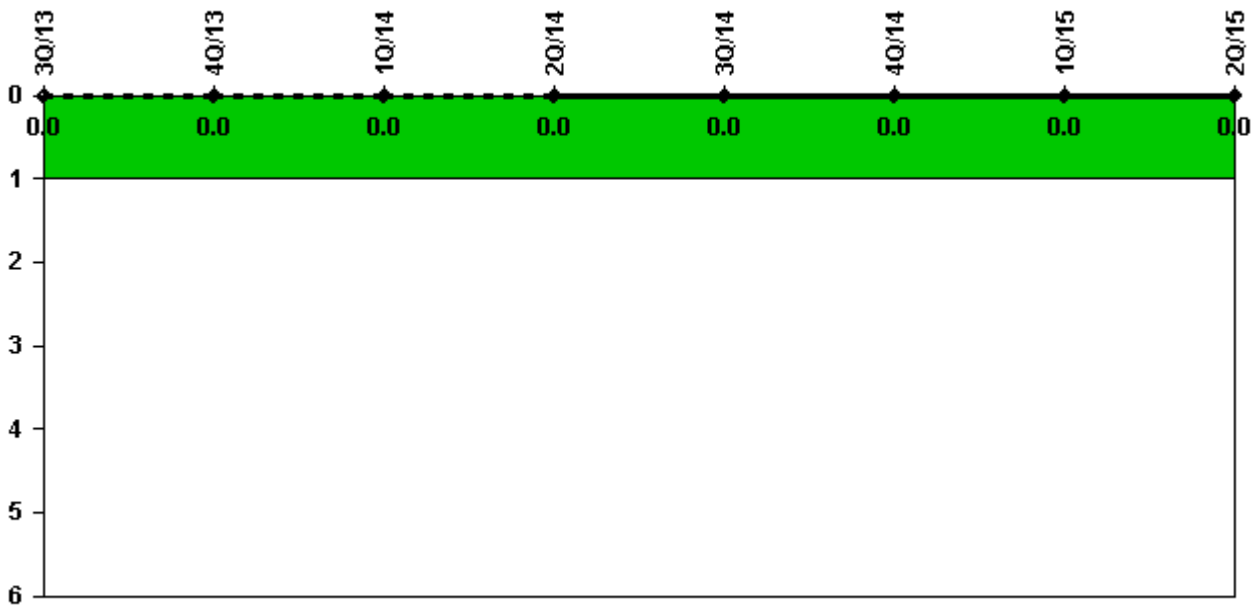
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|---|------------|------------|------------|------------|----------|----------|------------|------------|
| Unplanned power changes | 1.0 | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 |
| Critical hours | 2208.0 | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 1201.5 | 2159.0 | 2184.0 |
| Indicator value | 0.8 | 0.8 | 0.8 | 0.8 | 0 | 0 | 0.9 | 1.8 |

Licensee Comments: none

Unplanned Scrams with Complications



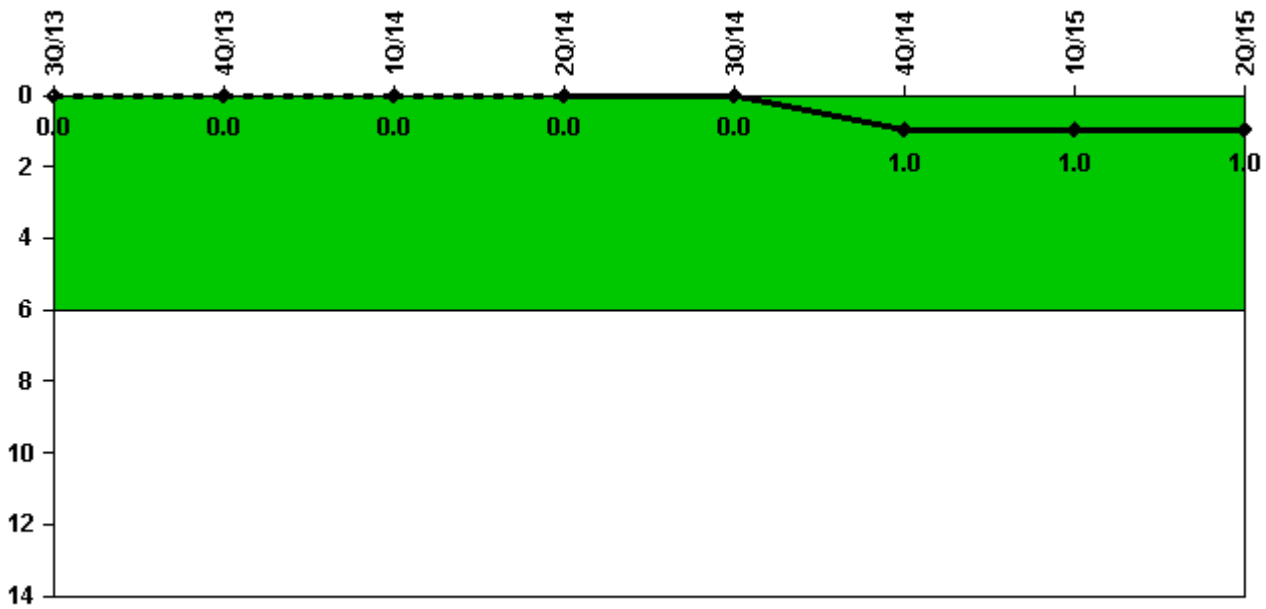
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

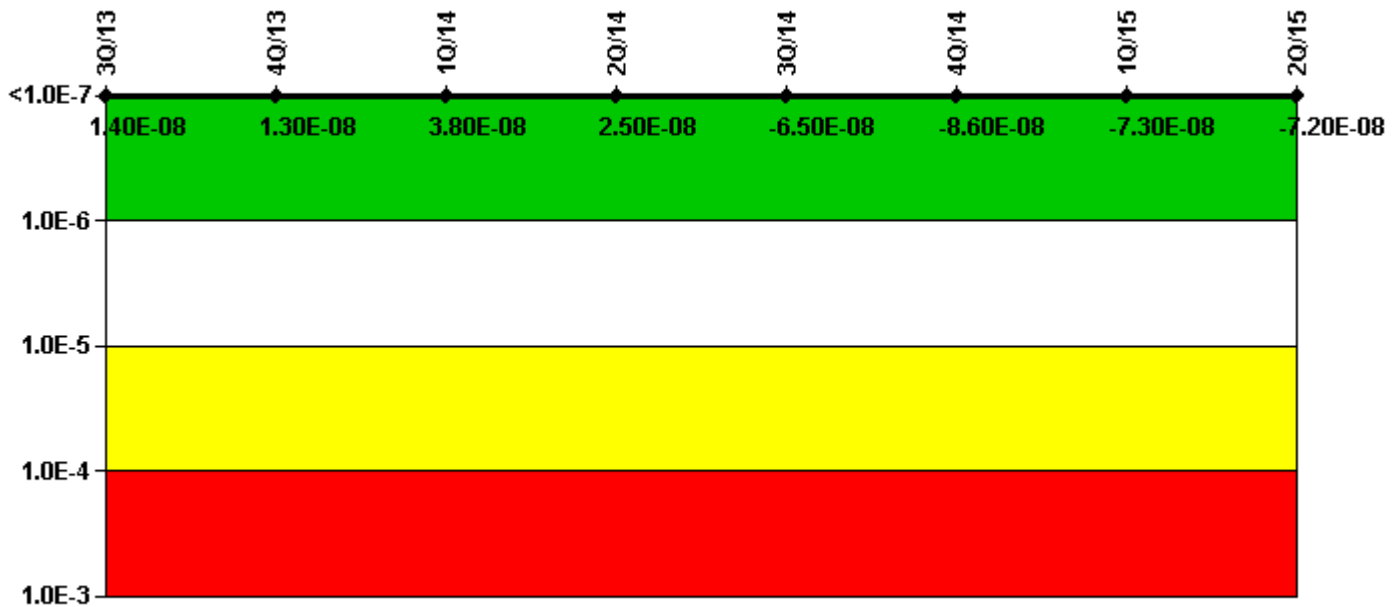
Notes

| Safety System Functional Failures (BWR) | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |

Licensee Comments:

4Q/14: LER 2-14-003 was submitted in December to report a primary containment function being lost due to exceeding the allowable leakage limit.

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

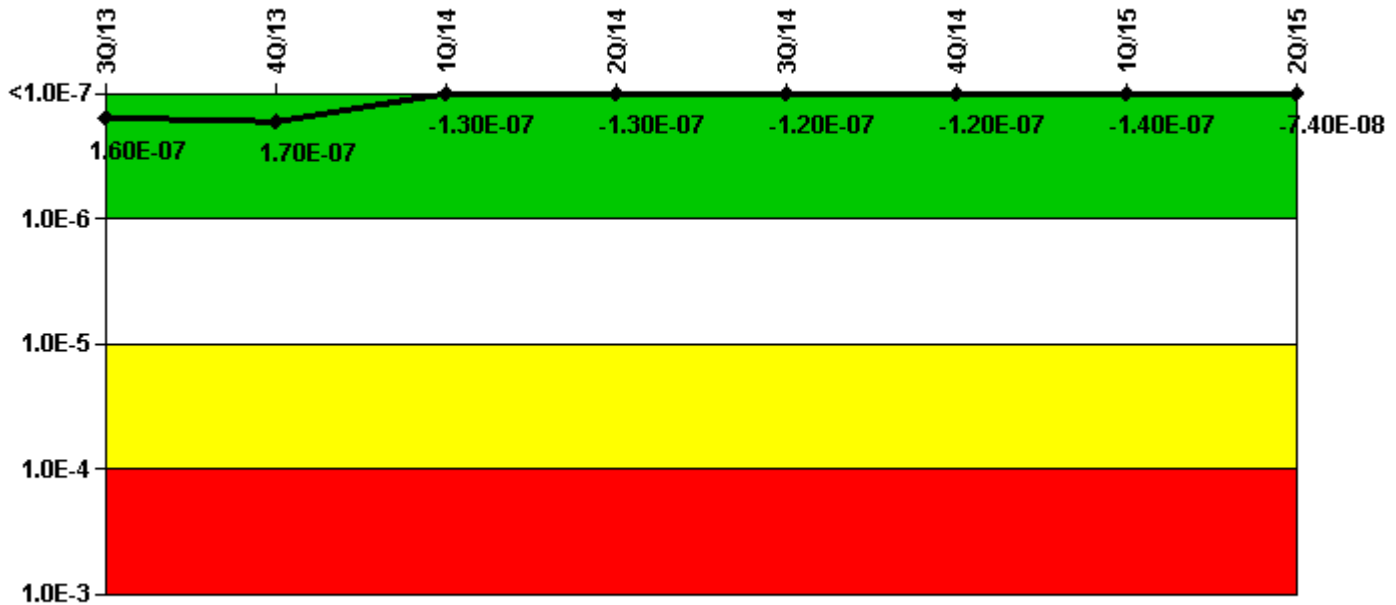
| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 4.53E-08 | 4.38E-08 | 6.34E-08 | 4.45E-08 | 4.31E-08 | 1.95E-08 | 3.27E-08 | 7.46E-09 |
| URI (Δ CDF) | -3.11E-08 | -3.08E-08 | -2.49E-08 | -1.97E-08 | -1.08E-07 | -1.06E-07 | -1.06E-07 | -8.00E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.40E-08 | 1.30E-08 | 3.80E-08 | 2.50E-08 | -6.50E-08 | -8.60E-08 | -7.30E-08 | -7.20E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

3Q/13: Data correction to Unit 2 E2 EDG unavailability, 3Qtr2013. There is no change in threshold color.

Mitigating Systems Performance Index, High Pressure Injection System



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

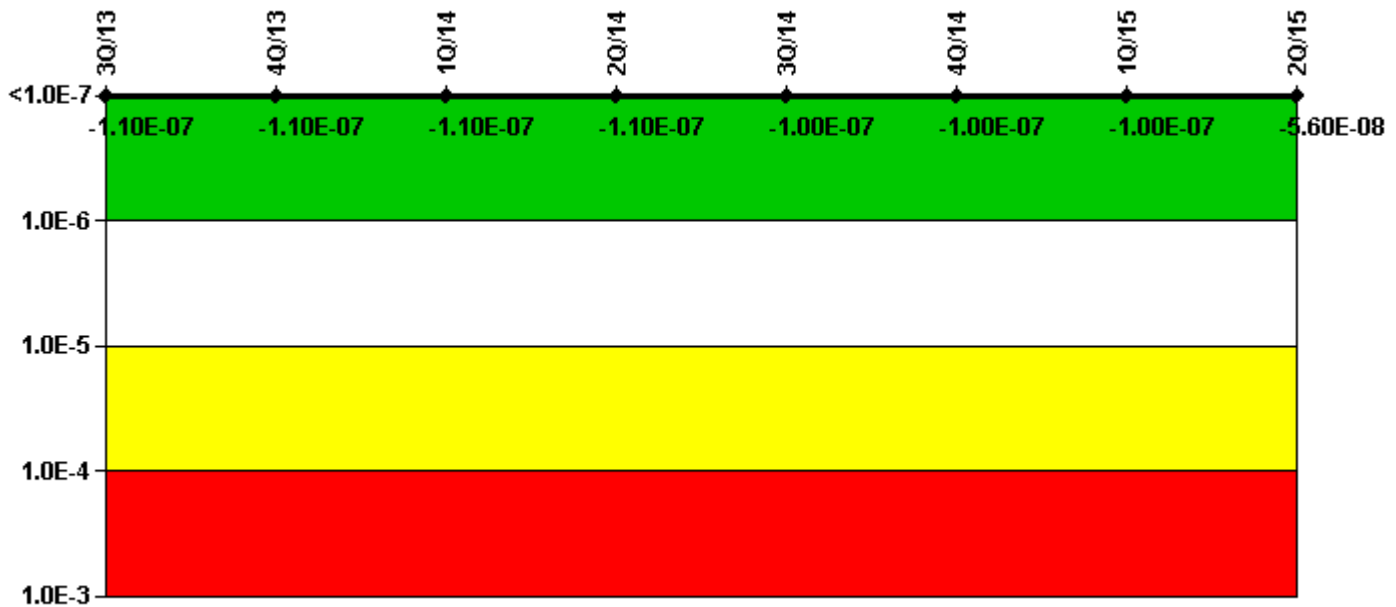
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|--|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (Δ CDF) | -1.63E-08 | -1.65E-08 | -2.74E-08 | -2.74E-08 | -2.74E-08 | -2.63E-08 | -5.30E-08 | -2.86E-08 |
| URI (Δ CDF) | 1.80E-07 | 1.87E-07 | -1.01E-07 | -9.89E-08 | -9.64E-08 | -9.37E-08 | -9.10E-08 | -4.51E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.60E-07 | 1.70E-07 | -1.30E-07 | -1.30E-07 | -1.20E-07 | -1.20E-07 | -1.40E-07 | -7.40E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

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/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -1.79E-08 |
| URI (Δ CDF) | -8.14E-08 | -7.95E-08 | -7.75E-08 | -7.55E-08 | -7.35E-08 | -7.13E-08 | -6.91E-08 | -3.76E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.00E-07 | -1.00E-07 | -1.00E-07 | -5.60E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

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/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.94E-10 | -1.94E-10 | -1.94E-10 | -1.94E-10 | -1.94E-10 | -2.86E-10 | -3.70E-10 | -8.65E-11 |
| URI (Δ CDF) | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -4.86E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -9.20E-09 | -9.20E-09 | -9.20E-09 | -9.20E-09 | -9.20E-09 | -9.30E-09 | -9.40E-09 | -5.70E-10 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

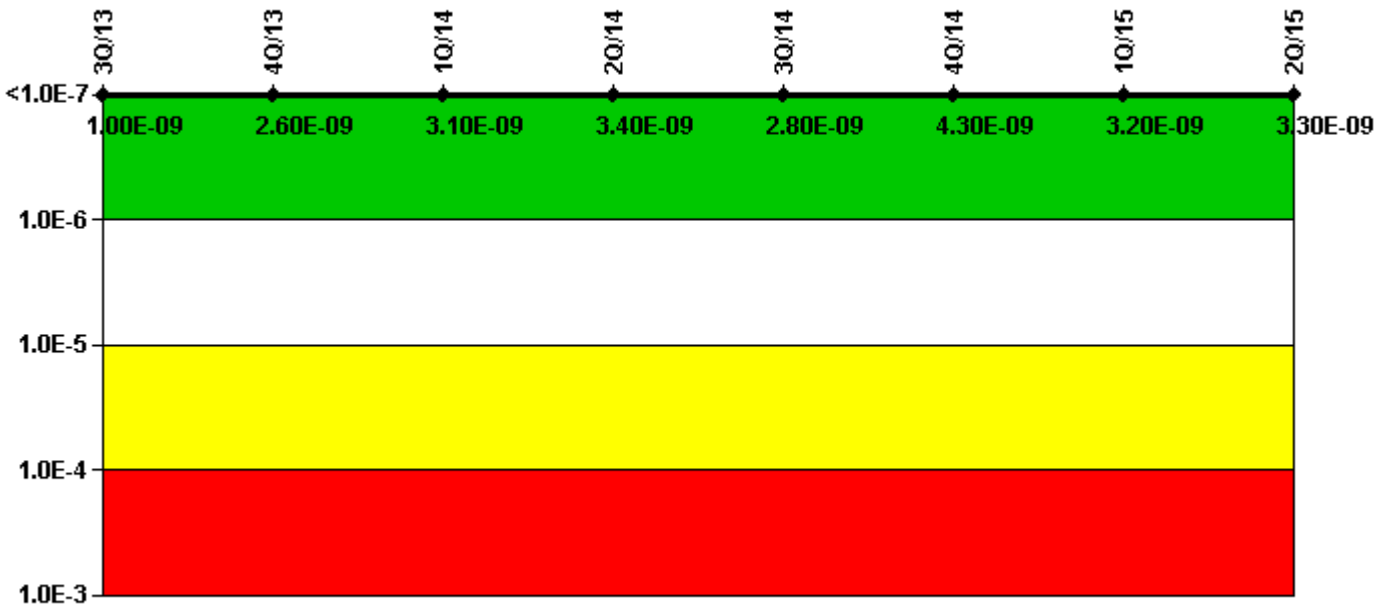
2Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

1Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

4Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

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/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 2.60E-09 | 3.62E-09 | 4.15E-09 | 4.38E-09 | 3.78E-09 | 5.30E-09 | 4.22E-09 | 5.66E-09 |
| URI (Δ CDF) | -1.57E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -2.35E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.00E-09 | 2.60E-09 | 3.10E-09 | 3.40E-09 | 2.80E-09 | 4.30E-09 | 3.20E-09 | 3.30E-09 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

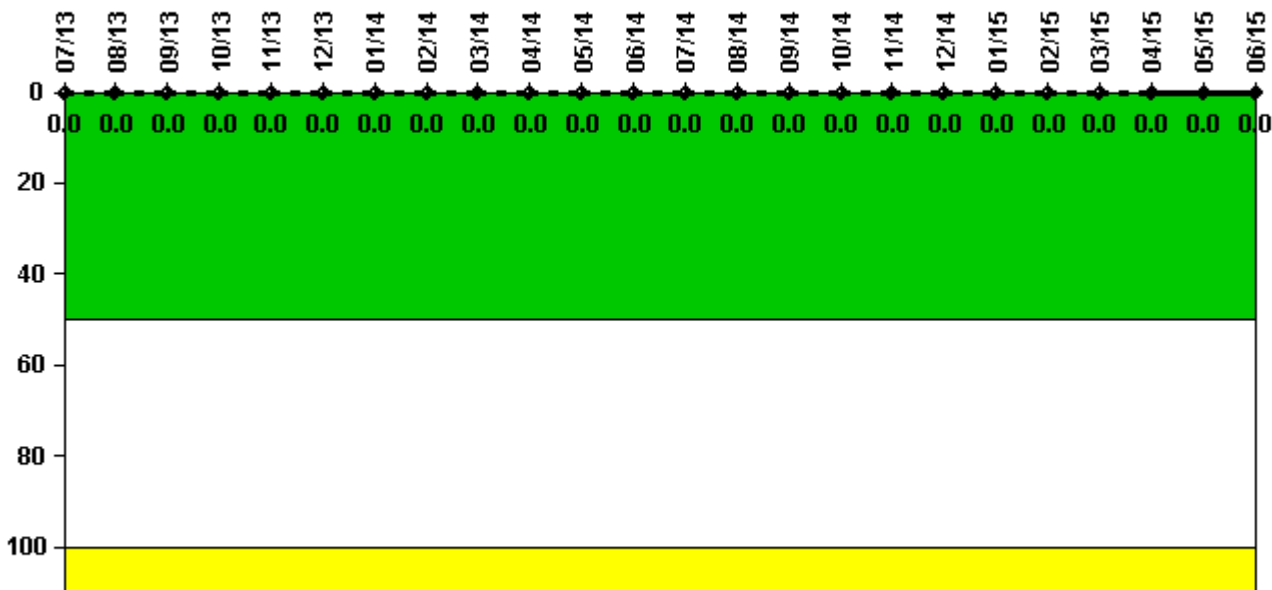
1Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

4Q/13: Changed PRA Parameter(s). Update applies to 4Q2013 forward. There was an MSPI Failure for 2B HPSW Motor, 2BP042-DR, cooling coil due to high moisture content on 12/09/2013. This impacted 4Q2013 and 1Q2014 data. No color change or threshold being exceeded. 1/2015 Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

4Q/13: Update applies to 4Q2013 forward. There was an MSPI Failure for 2B HPSW Motor, 2BP042-DR, cooling coil due to high moisture content on 12/09/2013. This impacted 4Q2013 and 1Q2014 data. This did not result in a color change or threshold being exceeded.

3Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

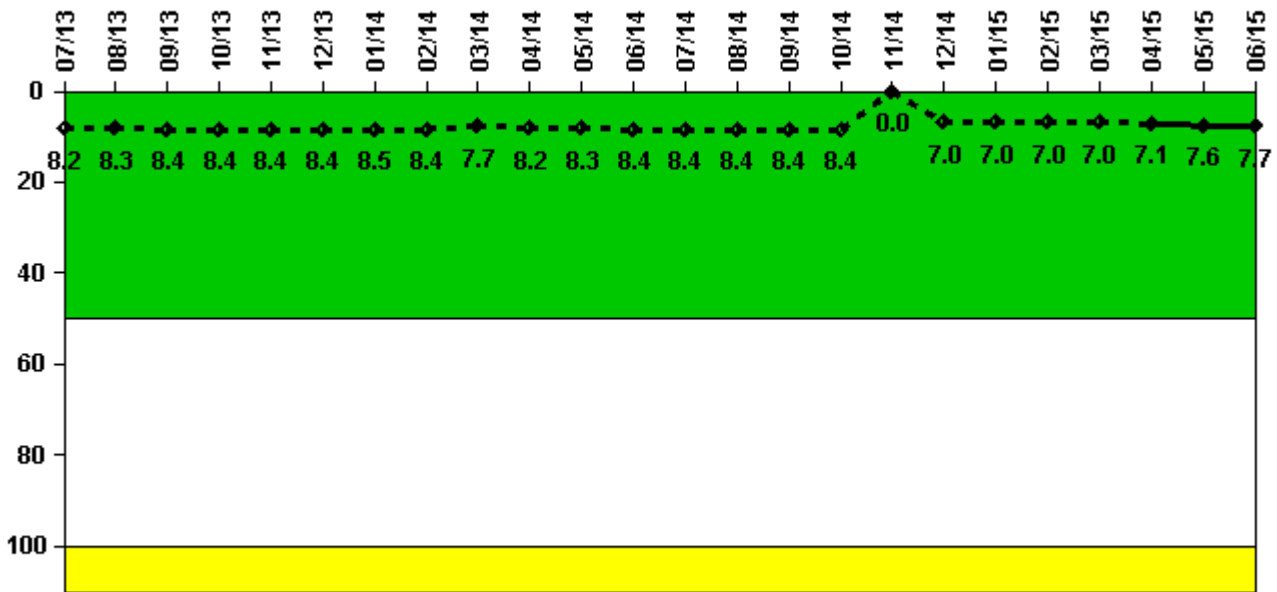
Notes

| Reactor Coolant System Activity | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 |
|--|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum activity | 0.000019 | 0.000019 | 0.000018 | 0.000018 | 0.000018 | 0.000018 | 0.000020 | 0.000019 | 0.000021 | 0.000020 | 0.000018 | 0.000022 |
| 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 | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 |
|--|-------------|-------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Maximum activity | 0.000021 | 0.000023 | 0.000019 | 0.000019 | 0 | 0.000025 | 0.000021 | 0.000020 | 0.000019 | 0.000018 | 0.000022 | 0.000022 |
| 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



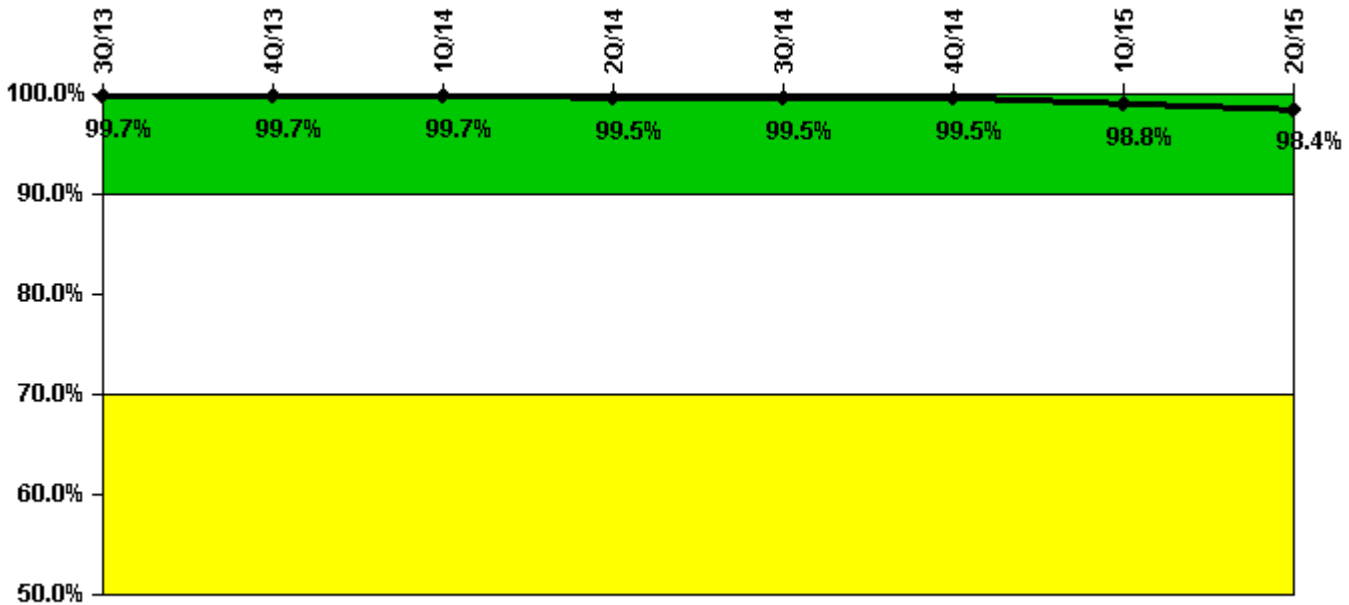
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 7/13 | 8/13 | 9/13 | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.060 | 2.070 | 2.090 | 2.110 | 2.100 | 2.100 | 2.130 | 2.090 | 1.930 | 2.060 | 2.070 | 2.090 |
| 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 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 | 8.5 | 8.4 | 7.7 | 8.2 | 8.3 | 8.4 |
| Reactor Coolant System Leakage | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 |
| Maximum leakage | 2.100 | 2.090 | 2.090 | 2.090 | 0 | 1.740 | 1.750 | 1.750 | 1.750 | 1.770 | 1.900 | 1.920 |
| 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 | 8.4 | 8.4 | 8.4 | 8.4 | 0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.6 | 7.7 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

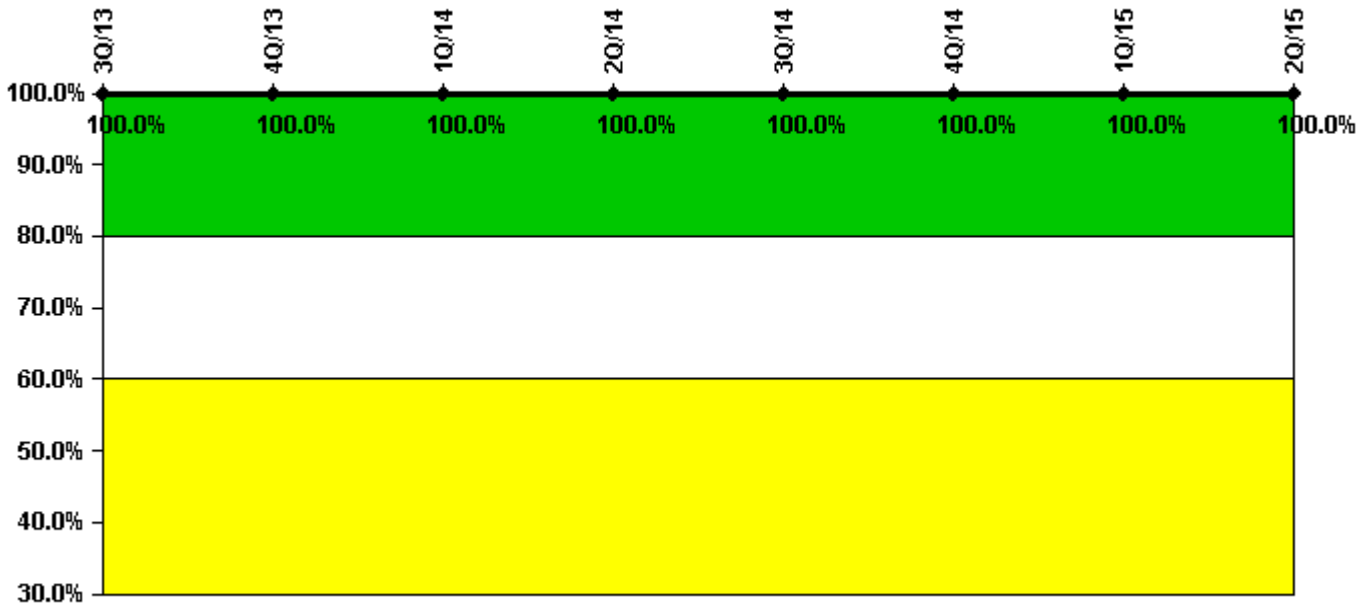
Notes

| Drill/Exercise Performance | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 9.0 | 27.0 | 106.0 | 46.0 | 34.0 | 0 | 102.0 | 43.0 |
| Total opportunities | 10.0 | 27.0 | 106.0 | 47.0 | 34.0 | 0 | 105.0 | 44.0 |
| Indicator value | 99.7% | 99.7% | 99.7% | 99.5% | 99.5% | 99.5% | 98.8% | 98.4% |

Licensee Comments:

2Q/14: Data correction for June NRC Drill and Exercise (DEP) data. No change in PI threshold color.

ERO Drill Participation



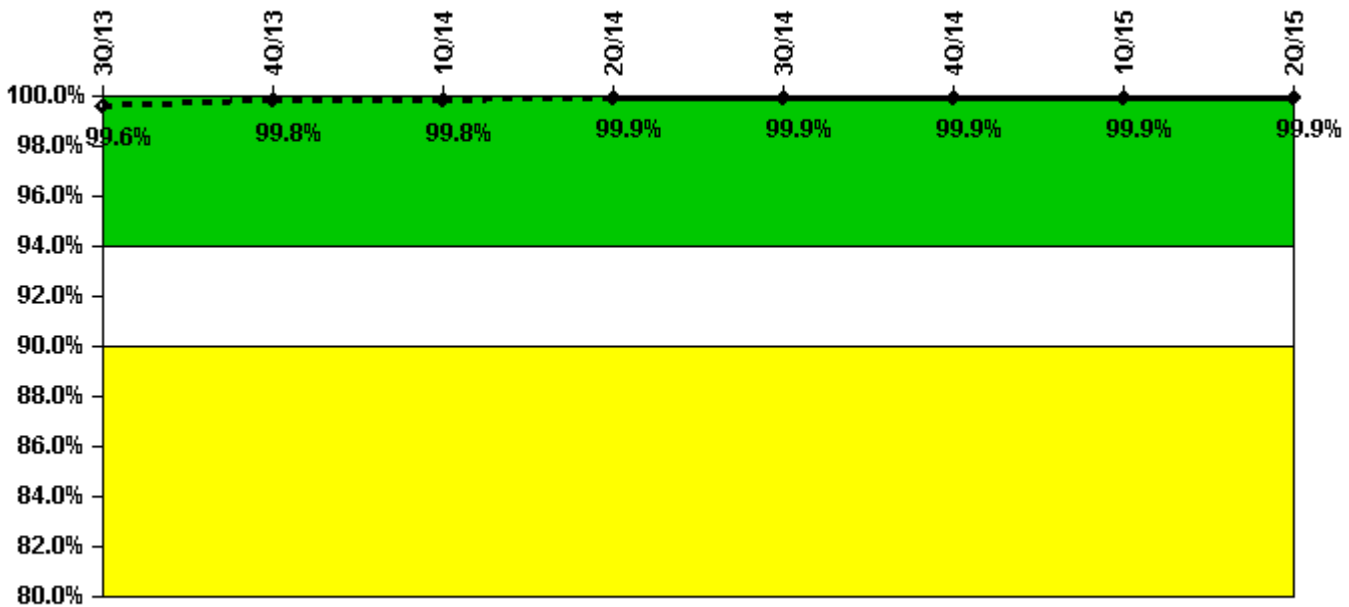
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 76.0 | 75.0 | 77.0 | 80.0 | 77.0 | 74.0 | 76.0 | 76.0 |
| Total Key personnel | 76.0 | 75.0 | 77.0 | 80.0 | 77.0 | 74.0 | 76.0 | 76.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



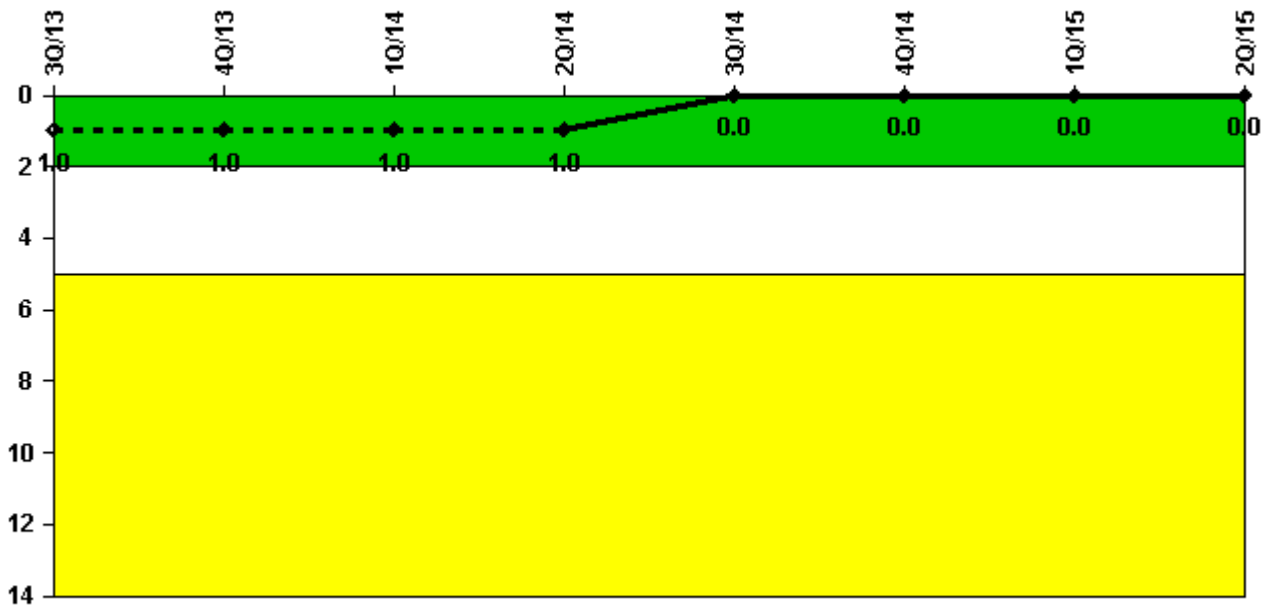
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1256 | 1261 | 1260 | 1261 | 1258 | 1356 | 1163 | 1260 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1358 | 1164 | 1261 |
| Indicator value | 99.6% | 99.8% | 99.8% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



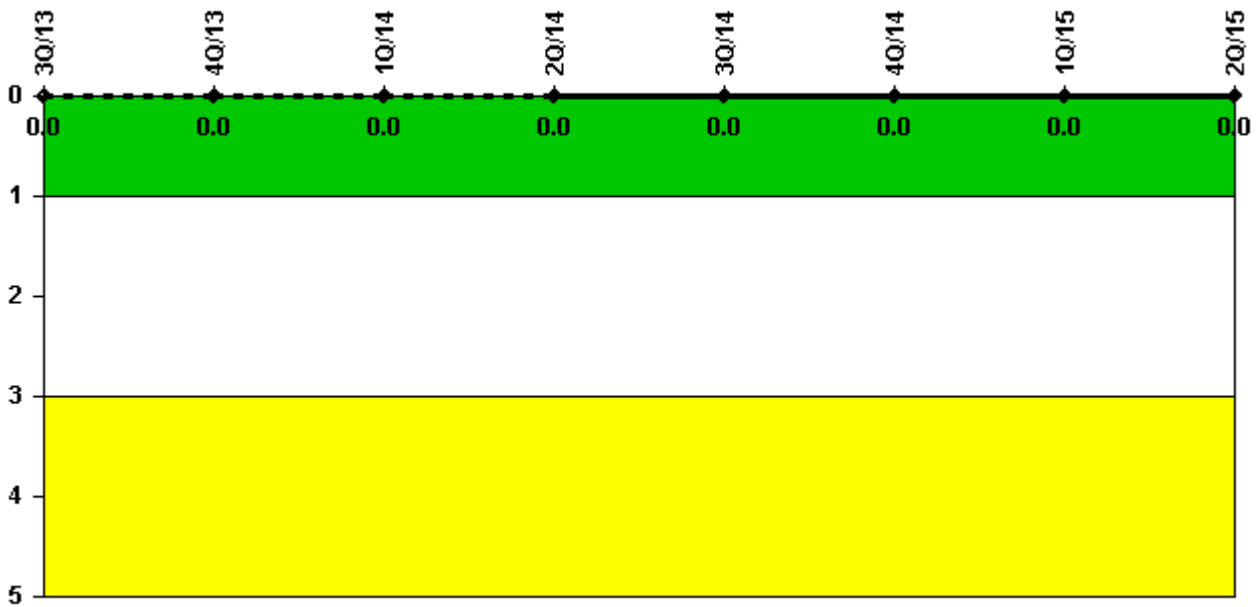
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 1 | 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 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 3Q/13 | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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: July 24, 2015

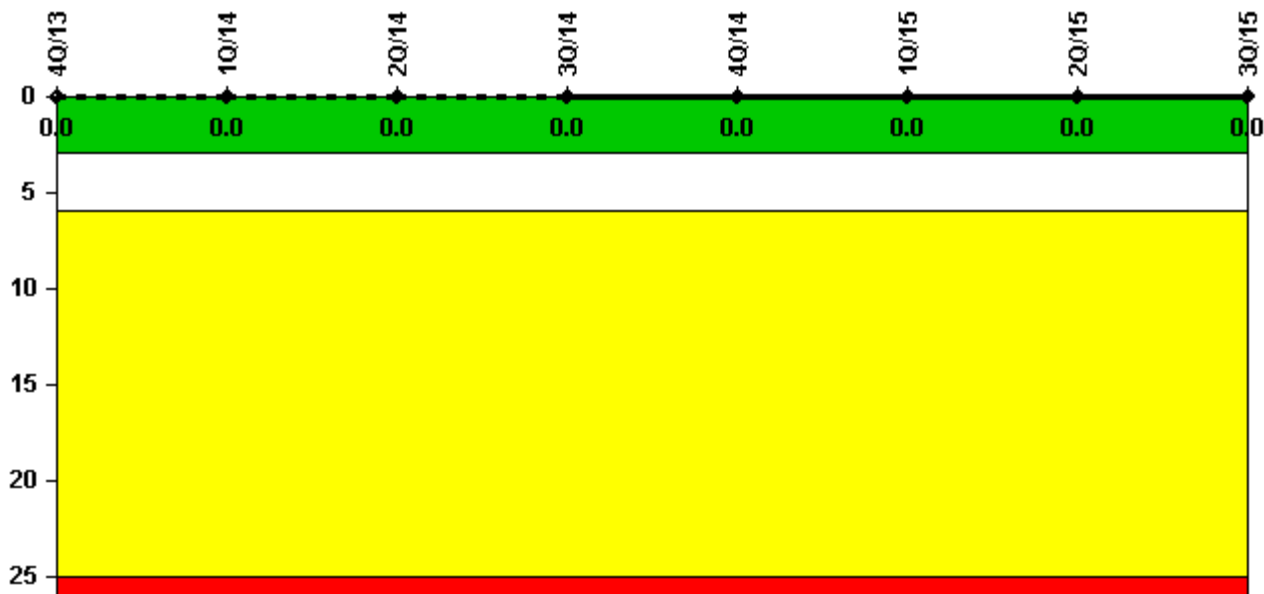
Peach Bottom 2

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



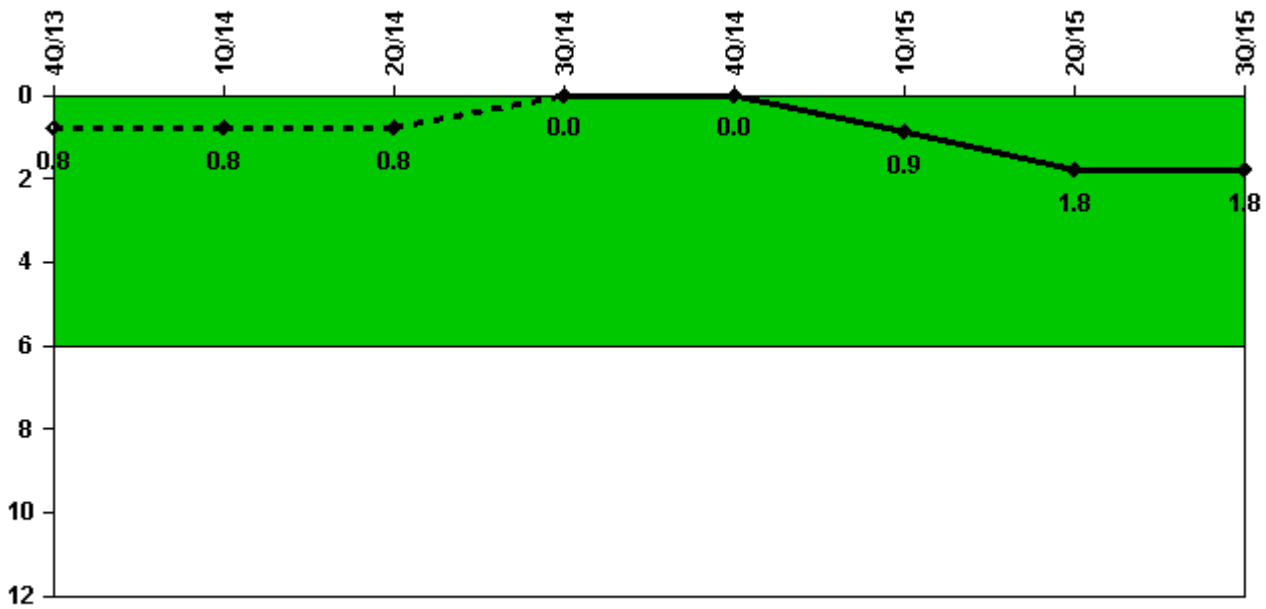
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|--|----------|----------|----------|----------|----------|----------|----------|----------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 1201.5 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



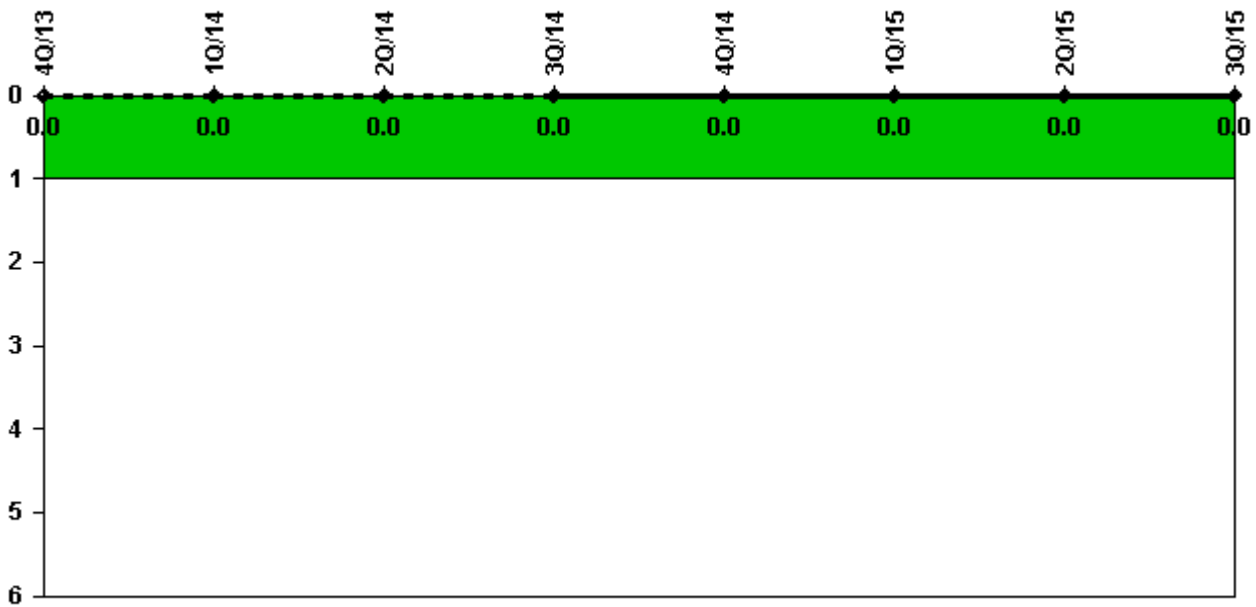
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|------------|------------|------------|----------|----------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 0 |
| Critical hours | 2209.0 | 2159.0 | 2184.0 | 2208.0 | 1201.5 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 0.8 | 0.8 | 0.8 | 0 | 0 | 0.9 | 1.8 | 1.8 |

Licensee Comments: none

Unplanned Scrams with Complications



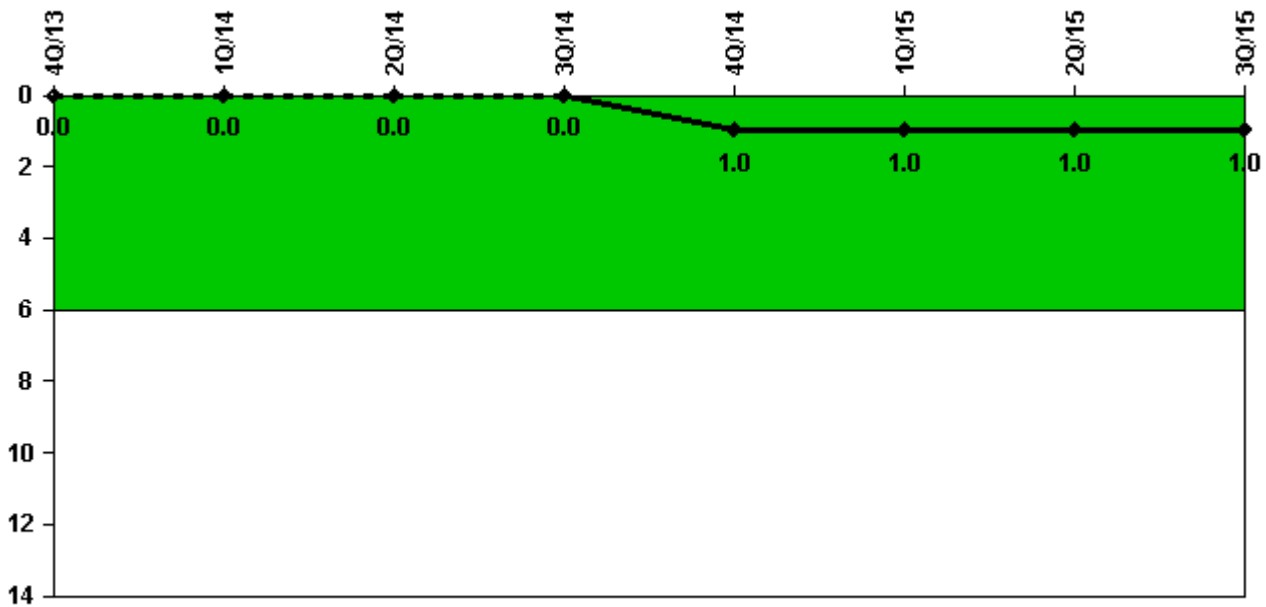
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

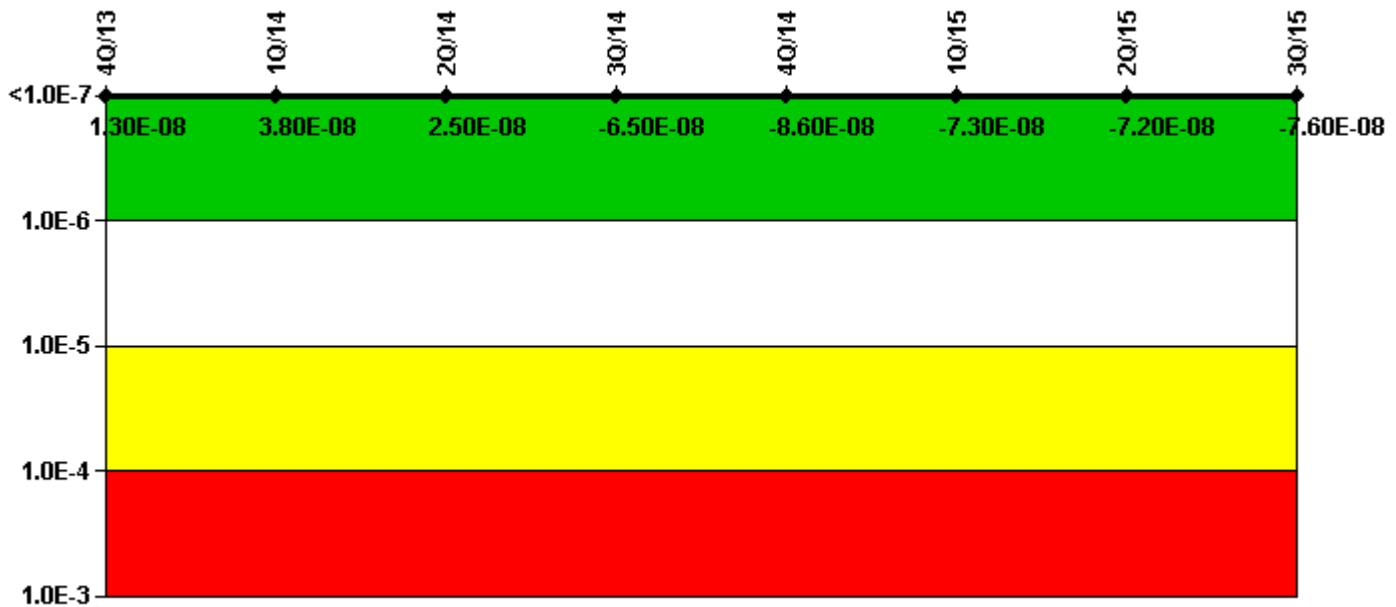
Notes

| Safety System Functional Failures (BWR) | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |

Licensee Comments:

4Q/14: LER 2-14-003 was submitted in December to report a primary containment function being lost due to exceeding the allowable leakage limit.

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/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 4.38E-08 | 6.34E-08 | 4.45E-08 | 4.31E-08 | 1.95E-08 | 3.27E-08 | 7.46E-09 | 4.45E-09 |
| URI (Δ CDF) | -3.08E-08 | -2.49E-08 | -1.97E-08 | -1.08E-07 | -1.06E-07 | -1.06E-07 | -8.00E-08 | -8.08E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.30E-08 | 3.80E-08 | 2.50E-08 | -6.50E-08 | -8.60E-08 | -7.30E-08 | -7.20E-08 | -7.60E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, High Pressure Injection System



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

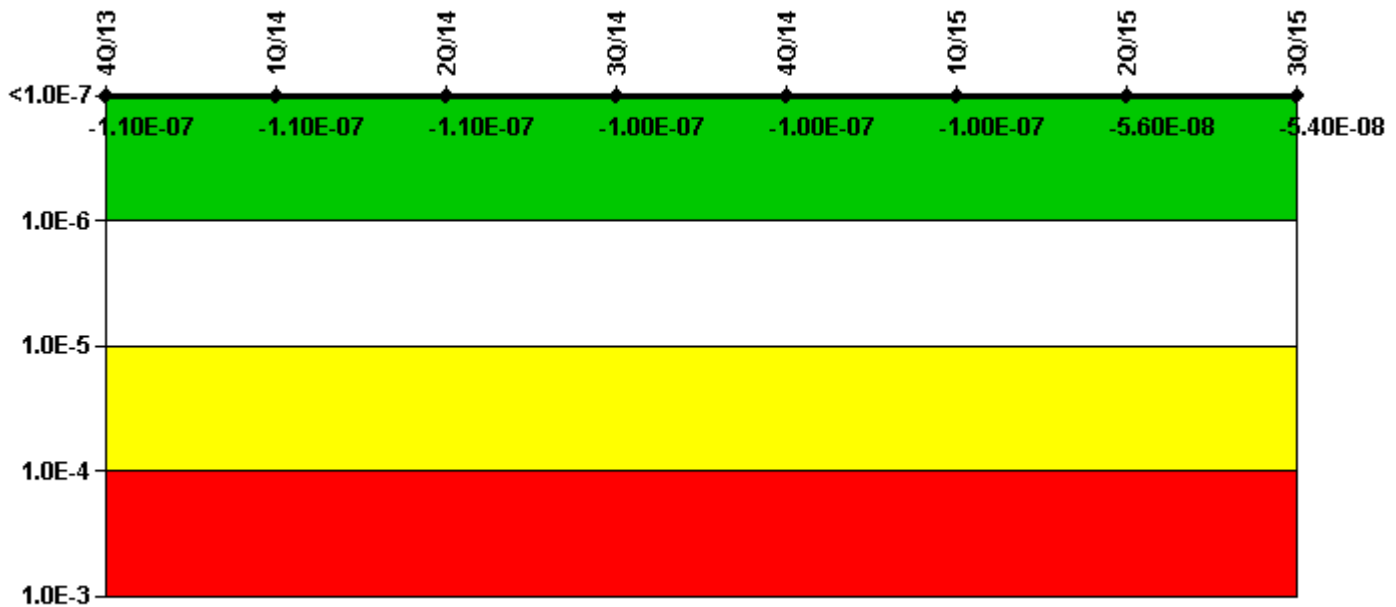
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.65E-08 | -2.74E-08 | -2.74E-08 | -2.74E-08 | -2.63E-08 | -5.30E-08 | -2.86E-08 | -2.86E-08 |
| URI (Δ CDF) | 1.87E-07 | -1.01E-07 | -9.89E-08 | -9.64E-08 | -9.37E-08 | -9.10E-08 | -4.51E-08 | -4.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 1.70E-07 | -1.30E-07 | -1.30E-07 | -1.20E-07 | -1.20E-07 | -1.40E-07 | -7.40E-08 | -7.20E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

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/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -1.79E-08 | -1.79E-08 |
| URI (Δ CDF) | -7.95E-08 | -7.75E-08 | -7.55E-08 | -7.35E-08 | -7.13E-08 | -6.91E-08 | -3.76E-08 | -3.62E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.00E-07 | -1.00E-07 | -1.00E-07 | -5.60E-08 | -5.40E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

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/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -1.94E-10 | -1.94E-10 | -1.94E-10 | -1.94E-10 | -2.86E-10 | -3.70E-10 | -8.65E-11 | -1.34E-10 |
| URI (ΔCDF) | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -4.86E-10 | -4.86E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -9.20E-09 | -9.20E-09 | -9.20E-09 | -9.20E-09 | -9.30E-09 | -9.40E-09 | -5.70E-10 | -6.20E-10 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

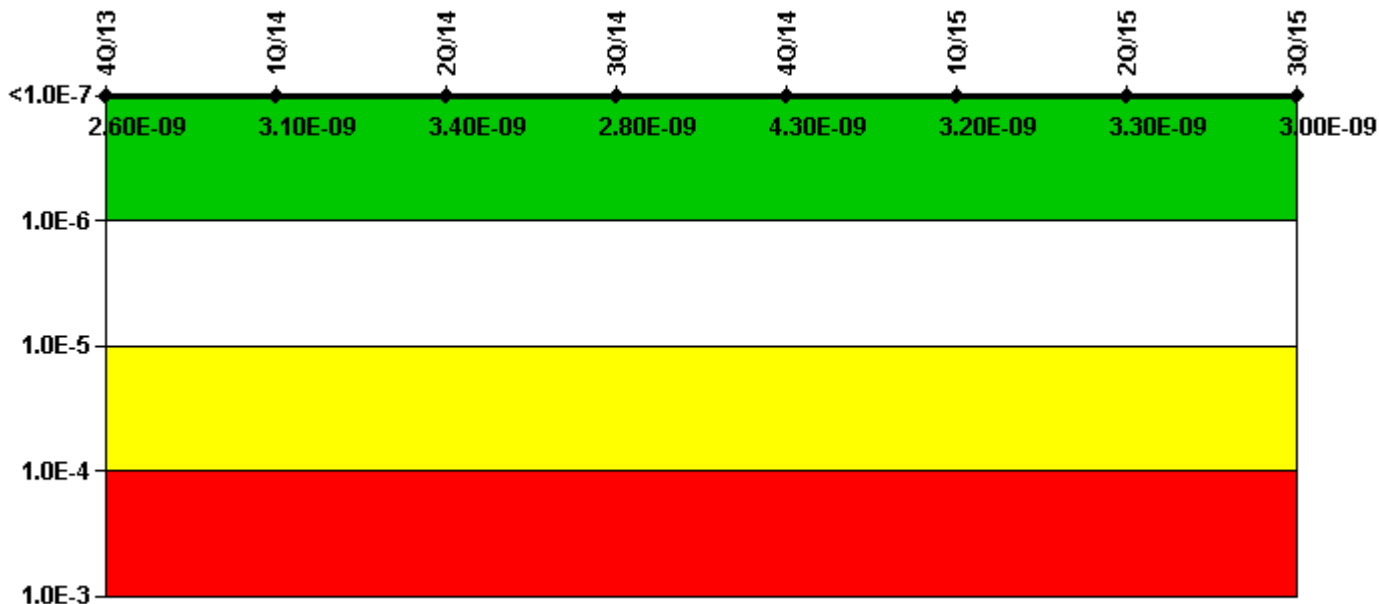
3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

1Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

4Q/13: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

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/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 3.62E-09 | 4.15E-09 | 4.38E-09 | 3.78E-09 | 5.30E-09 | 4.22E-09 | 5.66E-09 | 5.32E-09 |
| URI (Δ CDF) | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -2.35E-09 | -2.35E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 2.60E-09 | 3.10E-09 | 3.40E-09 | 2.80E-09 | 4.30E-09 | 3.20E-09 | 3.30E-09 | 3.00E-09 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

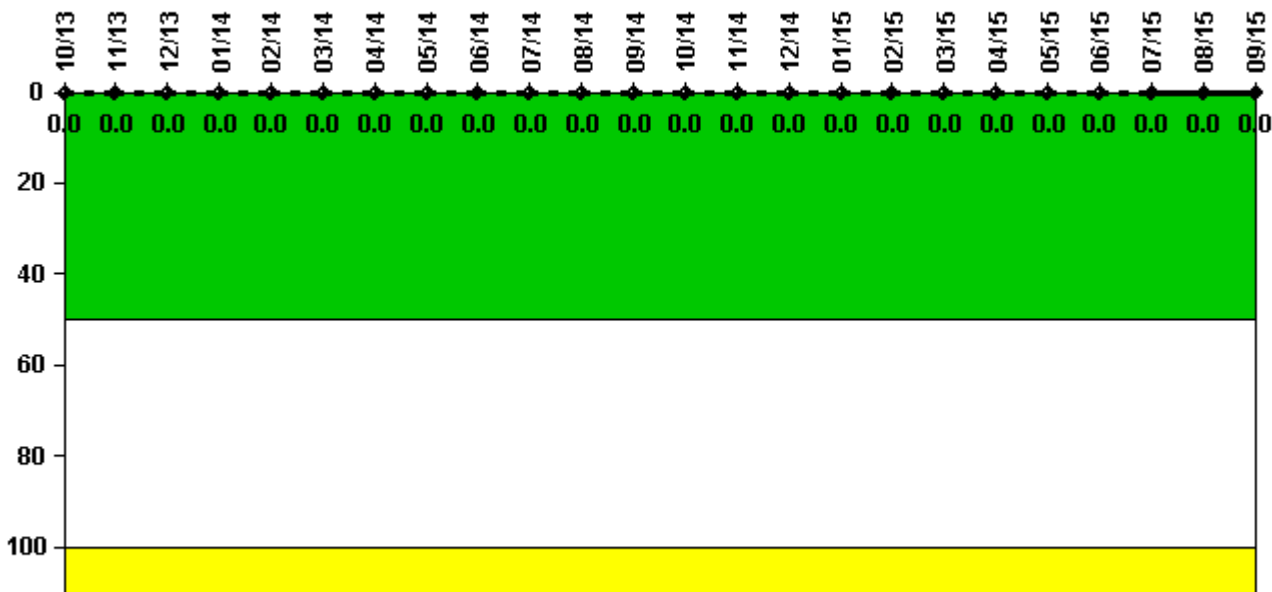
2Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

1Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

4Q/13: Changed PRA Parameter(s). Update applies to 4Q2013 forward. There was an MSPI Failure for 2B HPSW Motor, 2BP042-DR, cooling coil due to high moisture content on 12/09/2013. This impacted 4Q2013 and 1Q2014 data. No color change or threshold being exceeded. 1/2015 Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

4Q/13: Update applies to 4Q2013 forward. There was an MSPI Failure for 2B HPSW Motor, 2BP042-DR, cooling coil due to high moisture content on 12/09/2013. This impacted 4Q2013 and 1Q2014 data. This did not result in a color change or threshold being exceeded.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

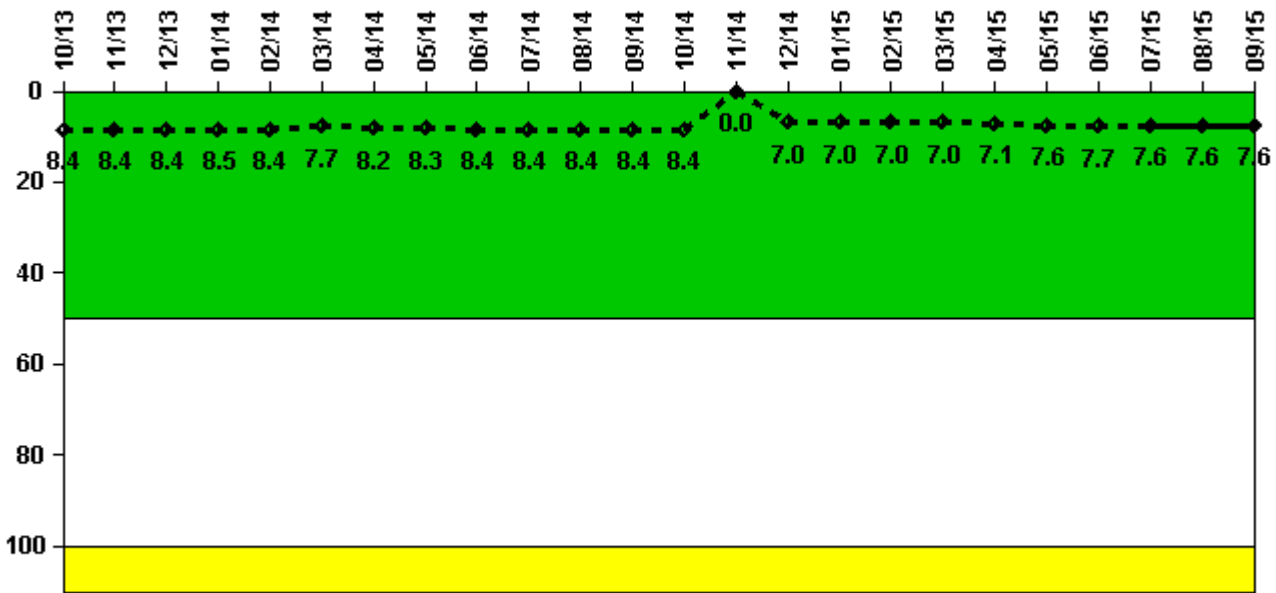
| | | | | | | | | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Reactor Coolant System | | | | | | | | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| Activity | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000018 | 0.000018 | 0.000018 | 0.000020 | 0.000019 | 0.000021 | 0.000020 | 0.000018 | 0.000022 | 0.000021 | 0.000023 | 0.000019 |
| 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 | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 |
|---------------------------------|----------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000019 | 0 | 0.000025 | 0.000021 | 0.000020 | 0.000019 | 0.000018 | 0.000022 | 0.000022 | 0.000019 | 0.000020 | 0.000020 |
| 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

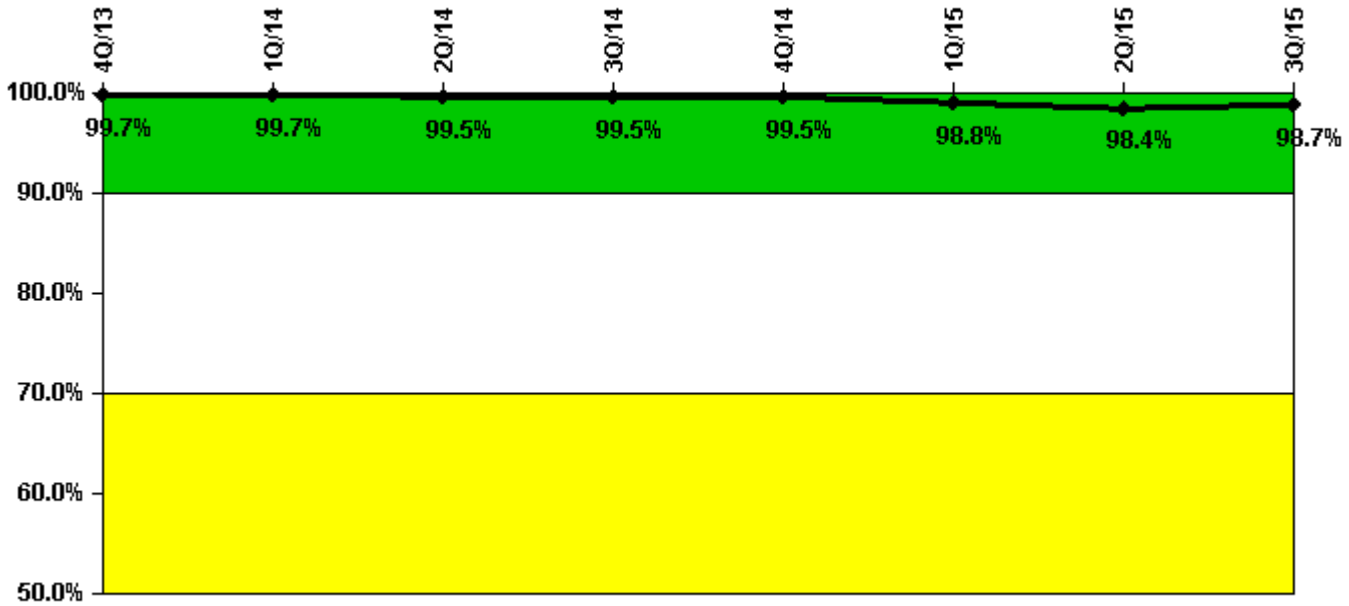
Notes

| Reactor Coolant System Leakage | 10/13 | 11/13 | 12/13 | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum leakage | 2.110 | 2.100 | 2.100 | 2.130 | 2.090 | 1.930 | 2.060 | 2.070 | 2.090 | 2.100 | 2.090 | 2.090 |
| 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 | 8.4 | 8.4 | 8.4 | 8.5 | 8.4 | 7.7 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 |

| Reactor Coolant System Leakage | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 |
|--------------------------------|------------|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Maximum leakage | 2.090 | 0 | 1.740 | 1.750 | 1.750 | 1.750 | 1.770 | 1.900 | 1.920 | 1.900 | 1.890 | 1.890 |
| 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 | 8.4 | 0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.6 | 7.7 | 7.6 | 7.6 | 7.6 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

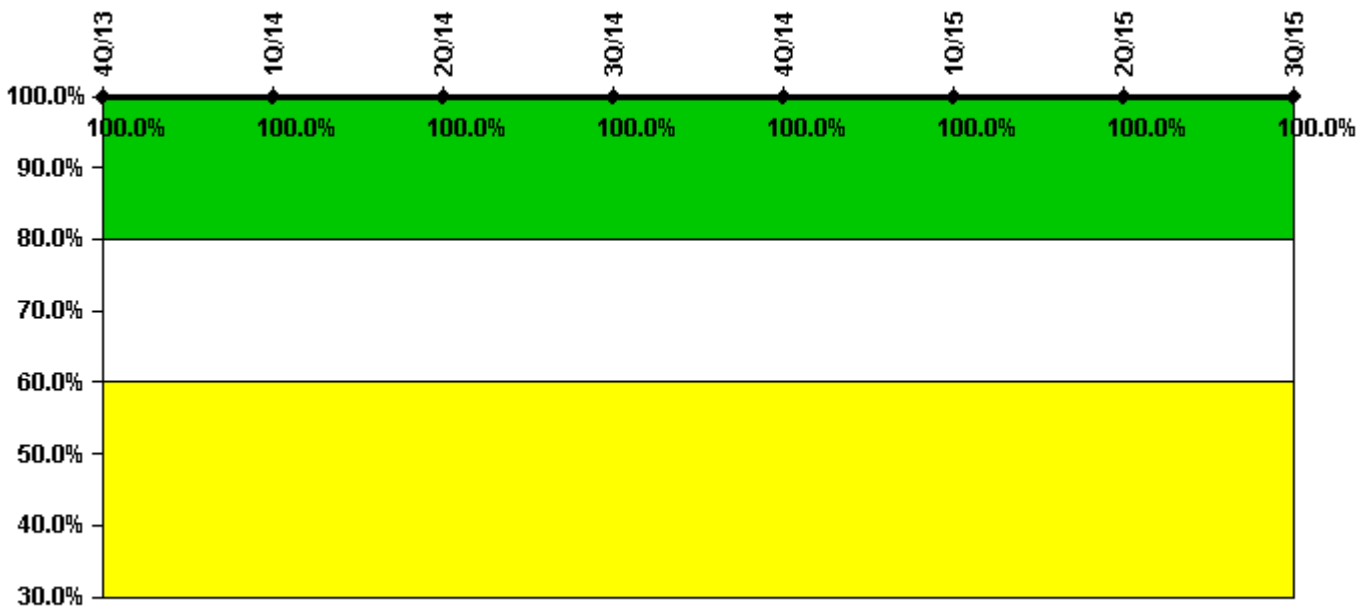
| Drill/Exercise Performance | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 27.0 | 106.0 | 46.0 | 34.0 | 0 | 102.0 | 43.0 | 10.0 |
| Total opportunities | 27.0 | 106.0 | 47.0 | 34.0 | 0 | 105.0 | 44.0 | 10.0 |

| | | | | | | | | |
|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Indicator value | 99.7% | 99.7% | 99.5% | 99.5% | 99.5% | 98.8% | 98.4% | 98.7% |
|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|

Licensee Comments:

2Q/14: Data correction for June NRC Drill and Exercise (DEP) data. No change in PI threshold color.

ERO Drill Participation



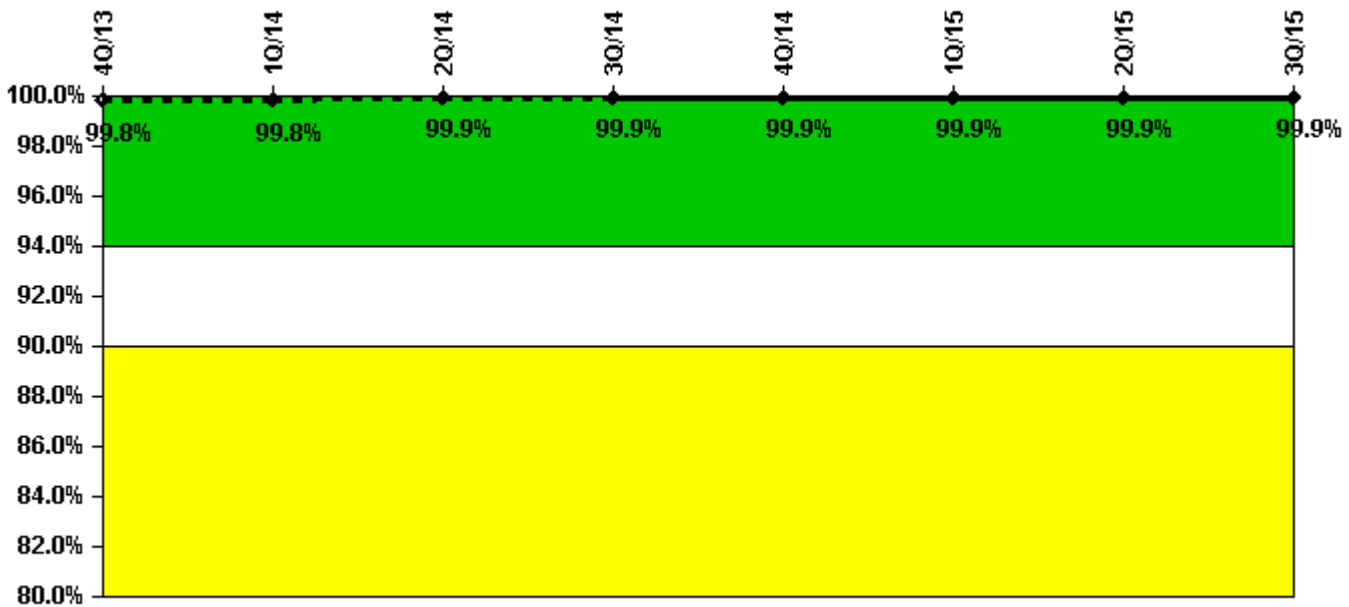
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Participating Key personnel | 75.0 | 77.0 | 80.0 | 77.0 | 74.0 | 76.0 | 76.0 | 78.0 |
| Total Key personnel | 75.0 | 77.0 | 80.0 | 77.0 | 74.0 | 76.0 | 76.0 | 78.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



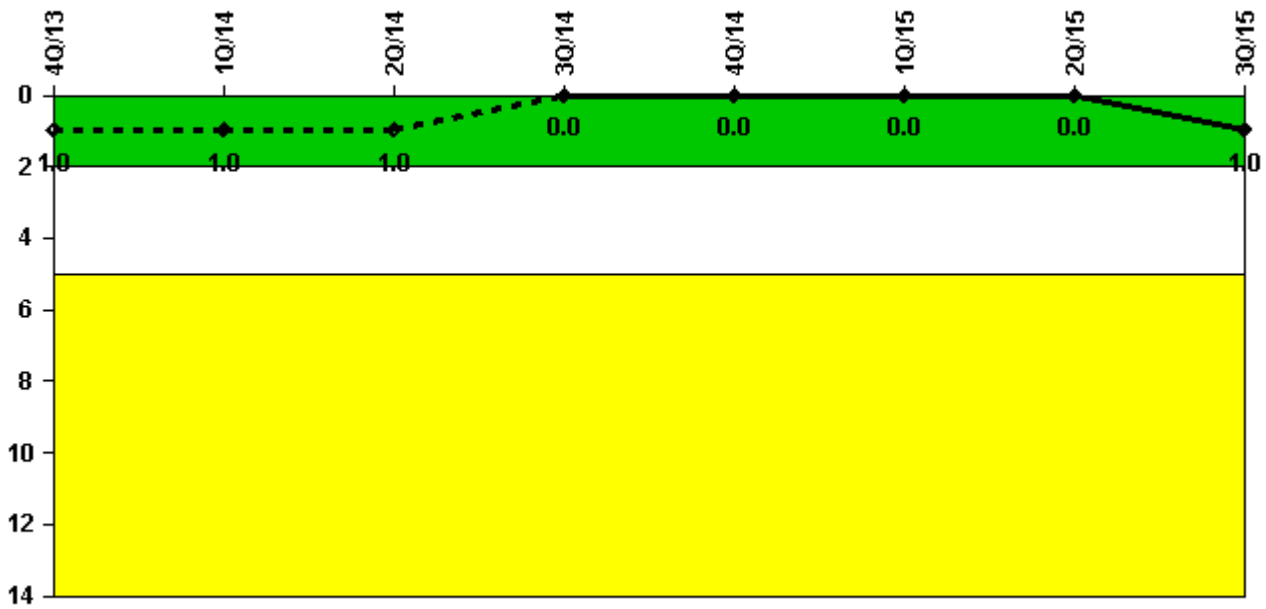
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1261 | 1260 | 1261 | 1258 | 1356 | 1163 | 1260 | 1356 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1358 | 1164 | 1261 | 1358 |
| Indicator value | 99.8% | 99.8% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



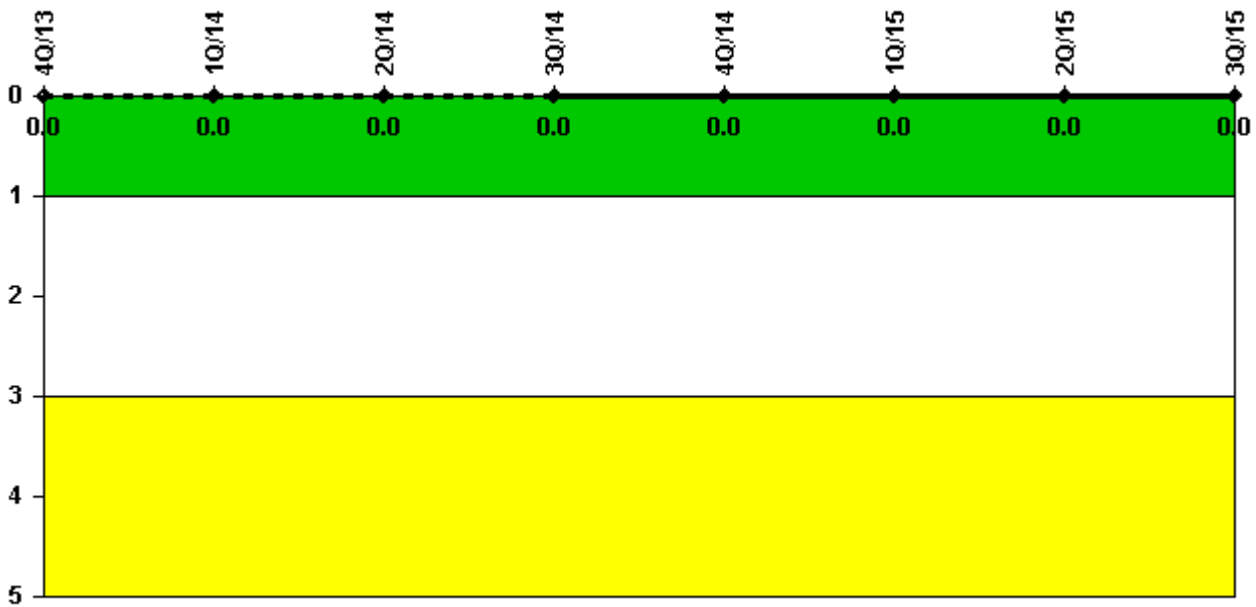
Thresholds: White > 2.0 Yellow > 5.0

Notes

| Occupational Exposure Control Effectiveness | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 |

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/13 | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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: December 15, 2015

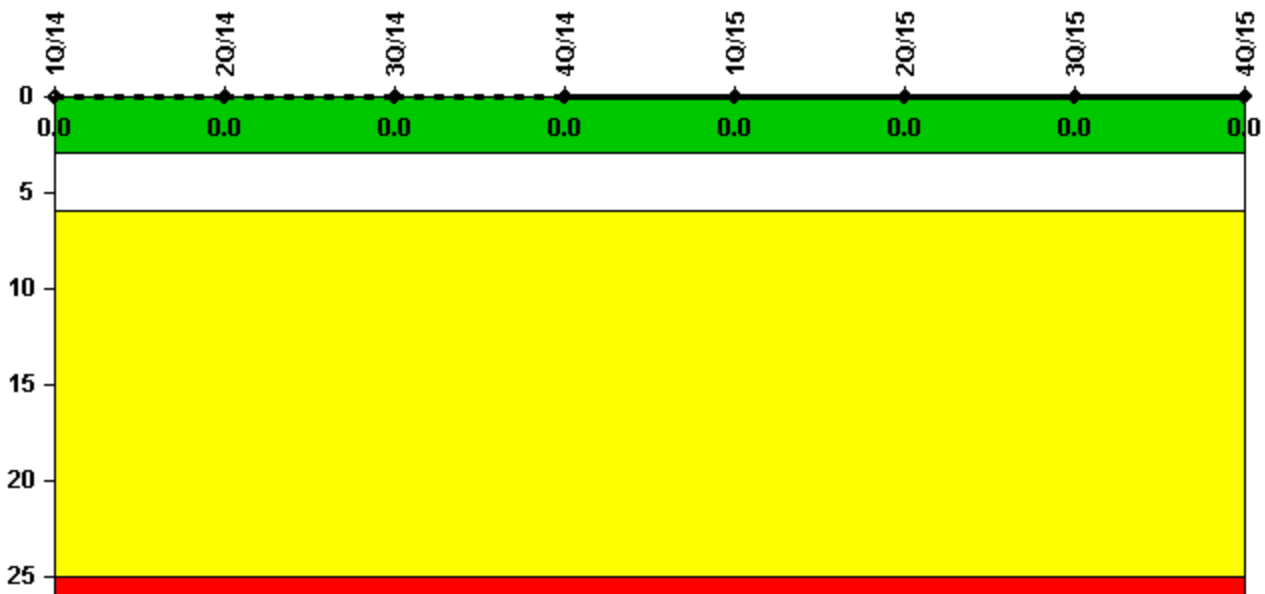
Peach Bottom 2

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



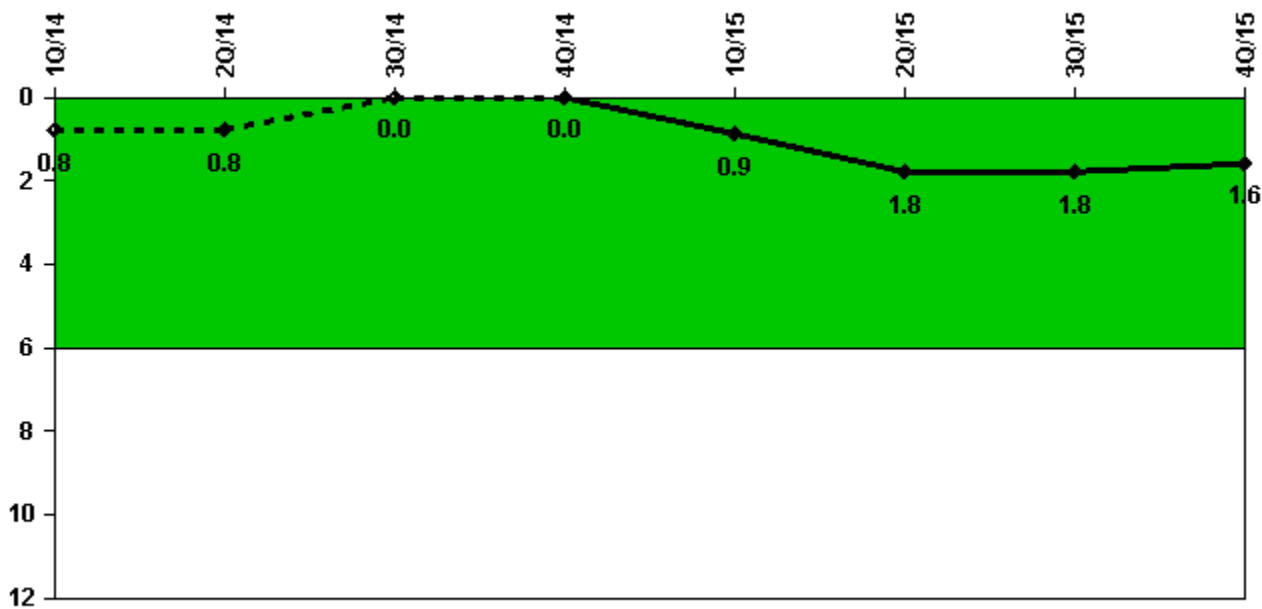
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 1201.5 | 2159.0 | 2184.0 | 2208.0 | 2161.3 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



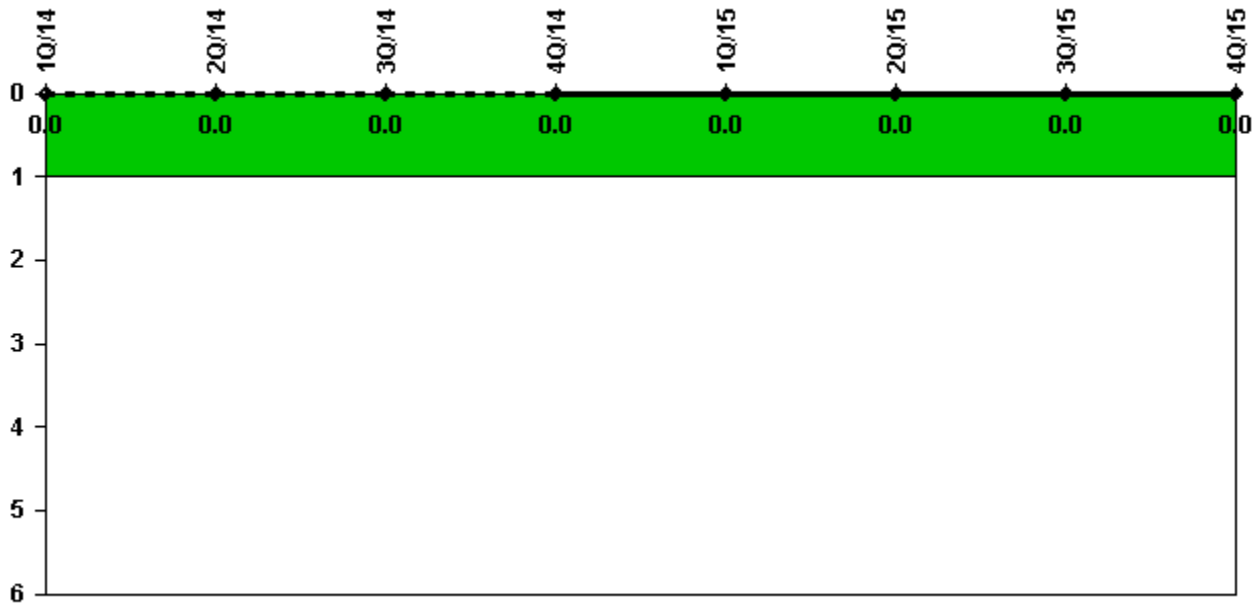
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|---|------------|------------|----------|----------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 1201.5 | 2159.0 | 2184.0 | 2208.0 | 2161.3 |
| Indicator value | 0.8 | 0.8 | 0 | 0 | 0.9 | 1.8 | 1.8 | 1.6 |

Licensee Comments: none

Unplanned Scrams with Complications



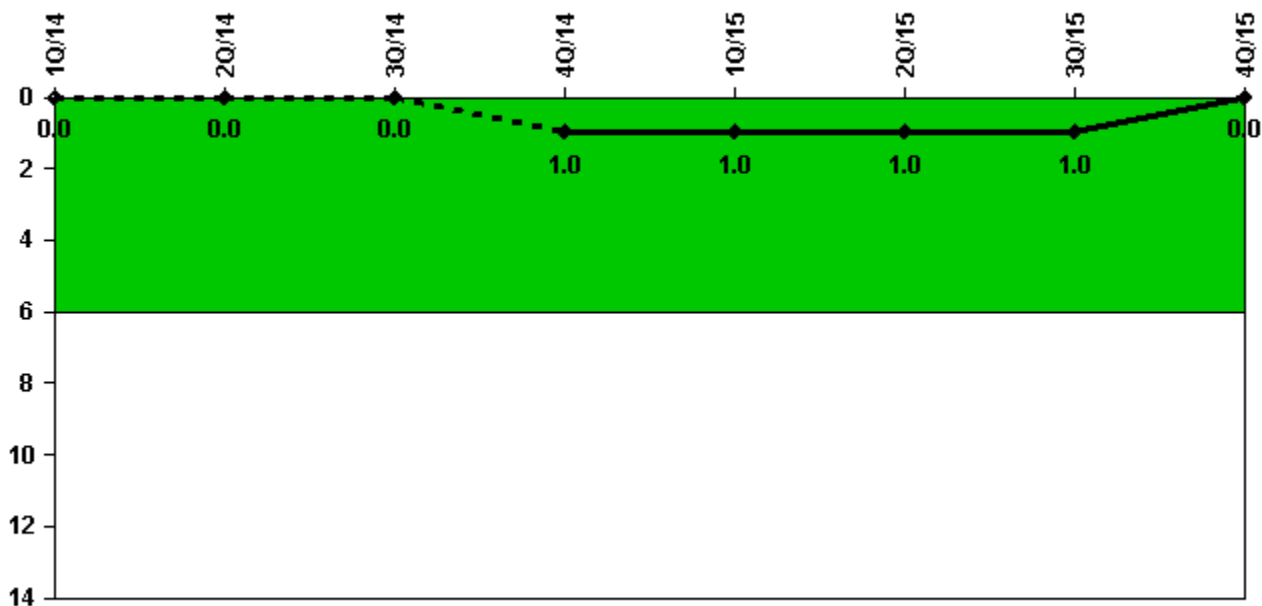
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

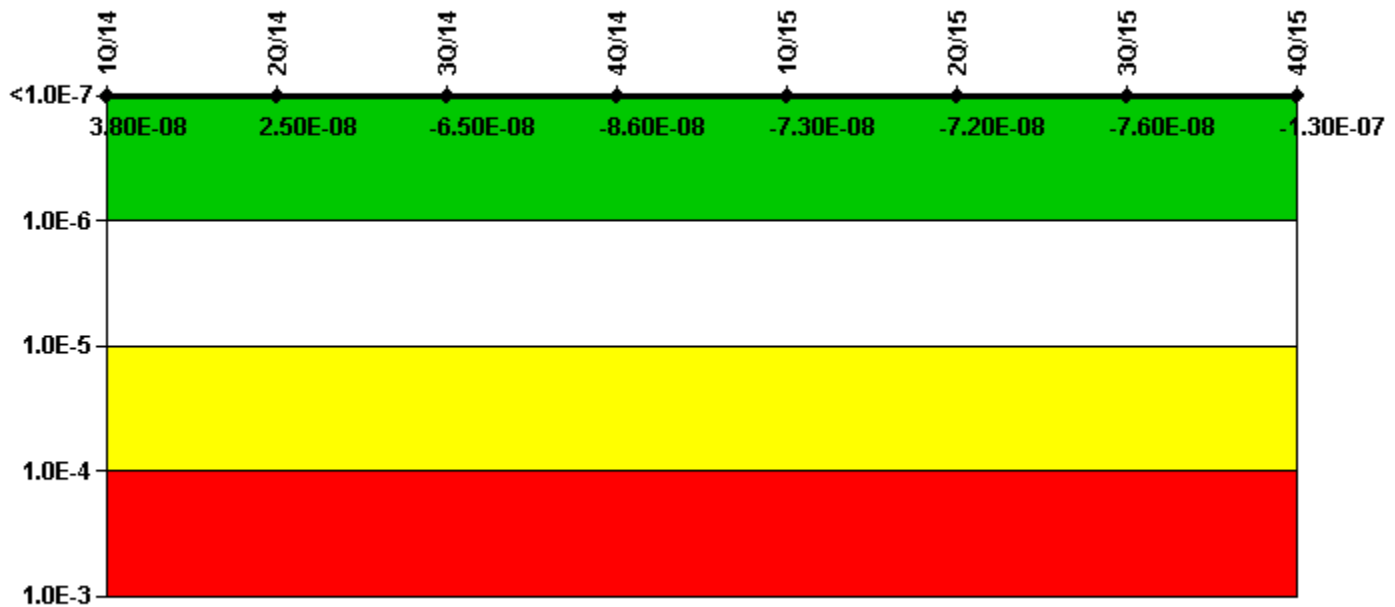
Notes

| Safety System Functional Failures (BWR) | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |

Licensee Comments:

4Q/14: LER 2-14-003 was submitted in December to report a primary containment function being lost due to exceeding the allowable leakage limit.

Mitigating Systems Performance Index, Emergency AC Power System



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

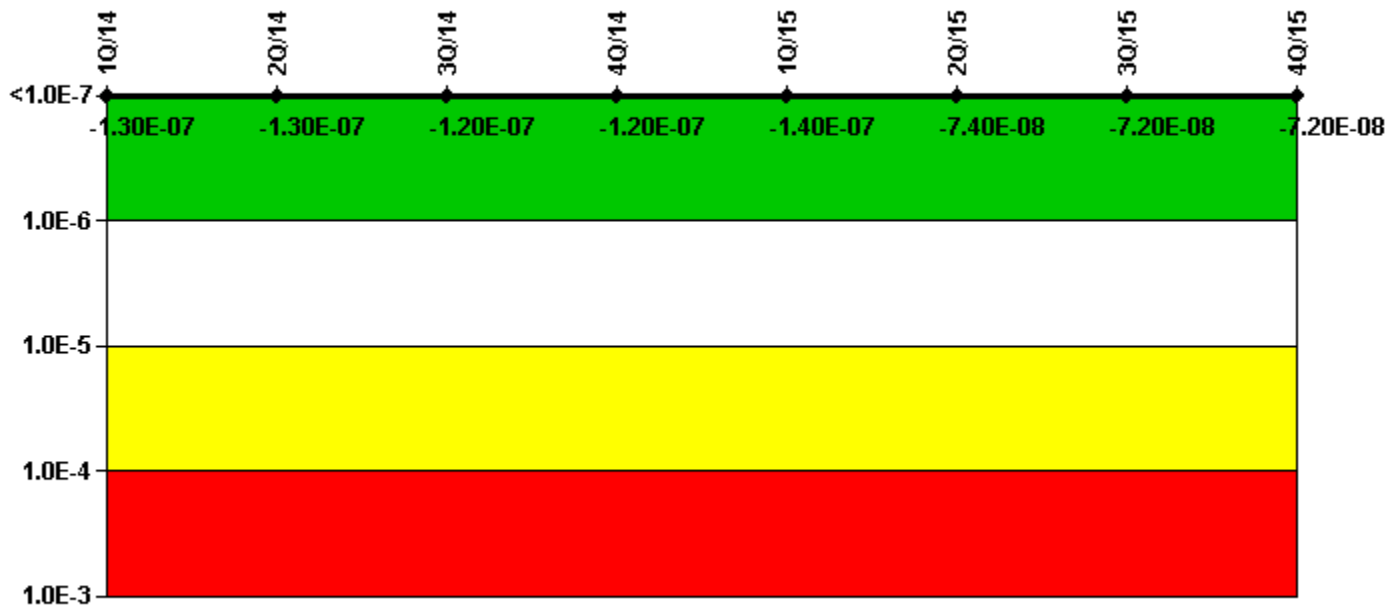
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 6.34E-08 | 4.45E-08 | 4.31E-08 | 1.95E-08 | 3.27E-08 | 7.46E-09 | 4.45E-09 | -1.57E-09 |
| URI (Δ CDF) | -2.49E-08 | -1.97E-08 | -1.08E-07 | -1.06E-07 | -1.06E-07 | -8.00E-08 | -8.08E-08 | -1.26E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 3.80E-08 | 2.50E-08 | -6.50E-08 | -8.60E-08 | -7.30E-08 | -7.20E-08 | -7.60E-08 | -1.30E-07 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, High Pressure Injection System



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

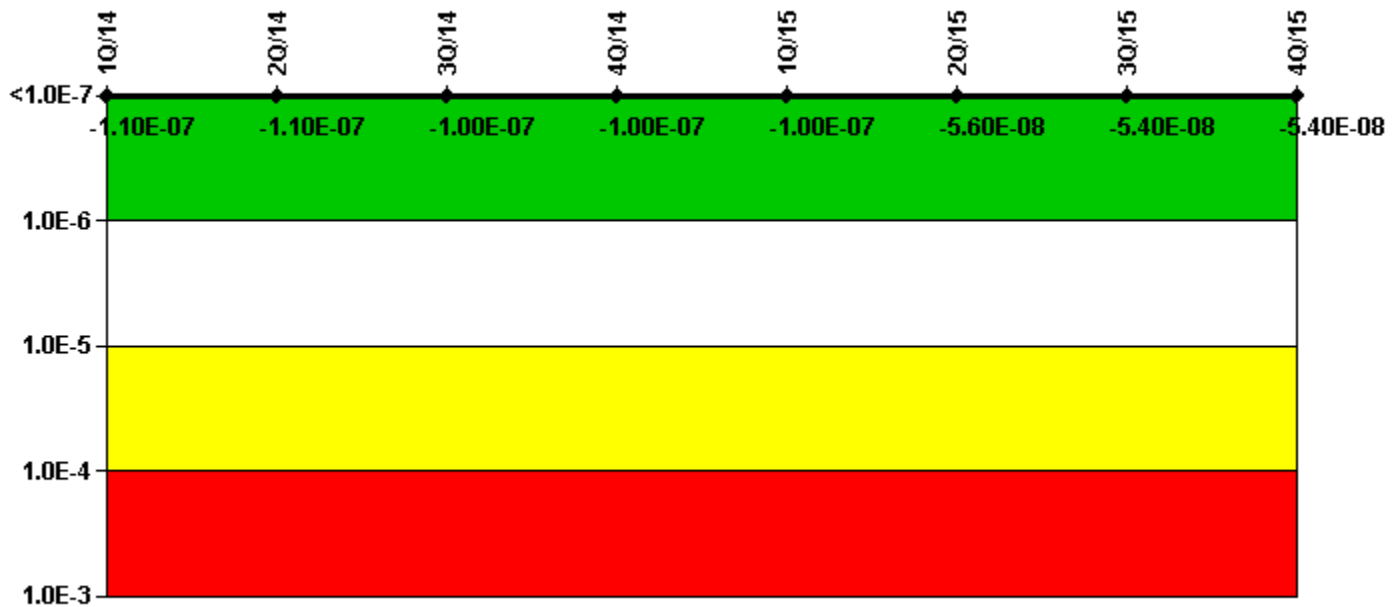
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.74E-08 | -2.74E-08 | -2.74E-08 | -2.63E-08 | -5.30E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 |
| URI (Δ CDF) | -1.01E-07 | -9.89E-08 | -9.64E-08 | -9.37E-08 | -9.10E-08 | -4.51E-08 | -4.36E-08 | -4.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.30E-07 | -1.30E-07 | -1.20E-07 | -1.20E-07 | -1.40E-07 | -7.40E-08 | -7.20E-08 | -7.20E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, Heat Removal System



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

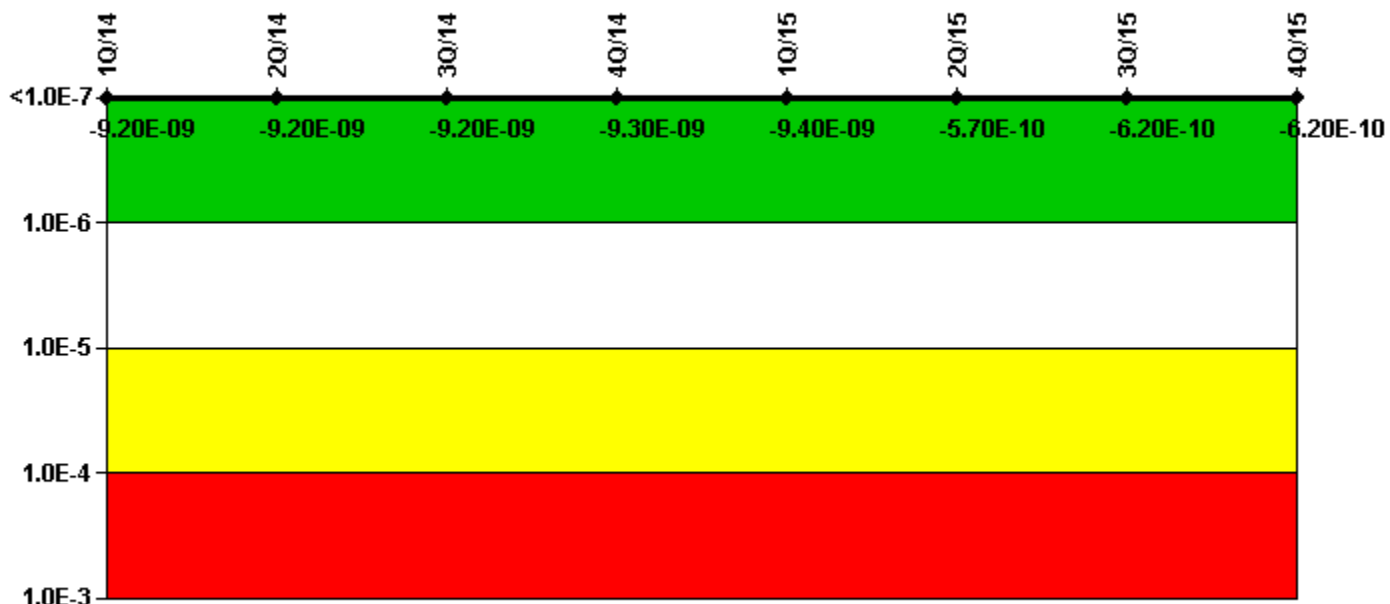
Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 |
| URI (Δ CDF) | -7.75E-08 | -7.55E-08 | -7.35E-08 | -7.13E-08 | -6.91E-08 | -3.76E-08 | -3.62E-08 | -3.62E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.10E-07 | -1.10E-07 | -1.00E-07 | -1.00E-07 | -1.00E-07 | -5.60E-08 | -5.40E-08 | -5.40E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

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/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | -1.94E-10 | -1.94E-10 | -1.94E-10 | -2.86E-10 | -3.70E-10 | -8.65E-11 | -1.34E-10 | -1.35E-10 |
| URI (ΔCDF) | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -4.86E-10 | -4.86E-10 | -4.86E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -9.20E-09 | -9.20E-09 | -9.20E-09 | -9.30E-09 | -9.40E-09 | -5.70E-10 | -6.20E-10 | -6.20E-10 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

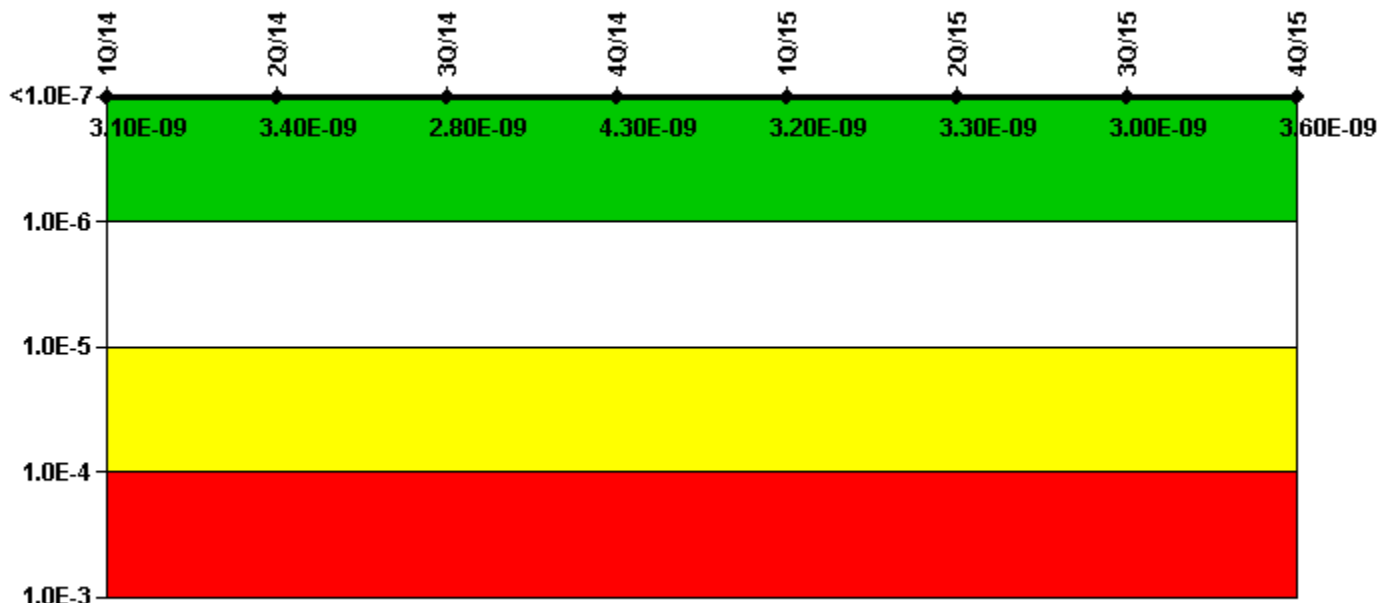
4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

1Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

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/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 4.15E-09 | 4.38E-09 | 3.78E-09 | 5.30E-09 | 4.22E-09 | 5.66E-09 | 5.32E-09 | 5.99E-09 |
| URI (Δ CDF) | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -2.35E-09 | -2.35E-09 | -2.35E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 3.10E-09 | 3.40E-09 | 2.80E-09 | 4.30E-09 | 3.20E-09 | 3.30E-09 | 3.00E-09 | 3.60E-09 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

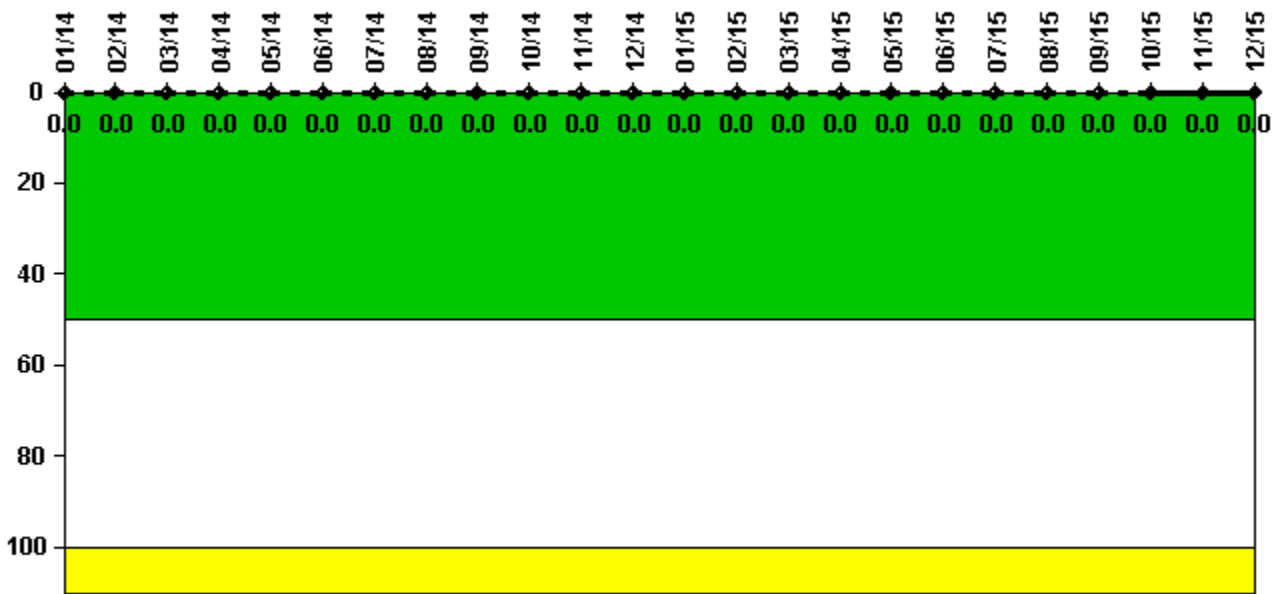
3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA

values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

1Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

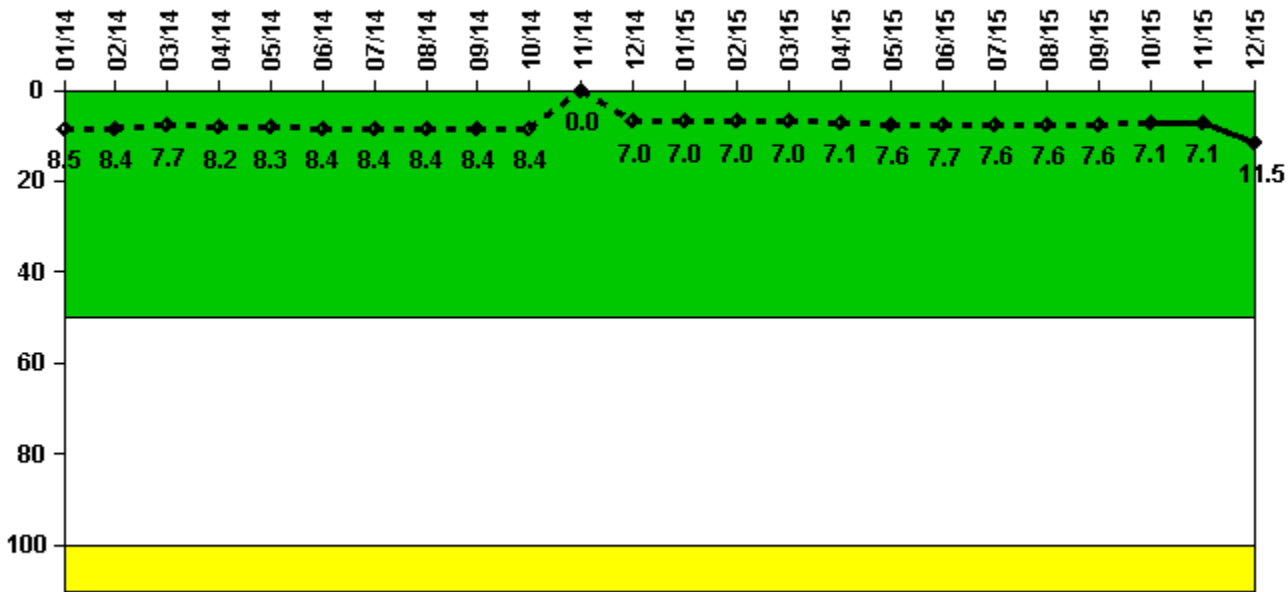
Notes

| Reactor Coolant System Activity | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000020 | 0.000019 | 0.000021 | 0.000020 | 0.000018 | 0.000022 | 0.000021 | 0.000023 | 0.000019 | 0.000019 | 0 | 0.000025 |
| 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 | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 |
| Maximum activity | 0.000021 | 0.000020 | 0.000019 | 0.000018 | 0.000022 | 0.000022 | 0.000019 | 0.000020 | 0.000020 | 0.000025 | 0.000021 | 0.000023 |
| 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

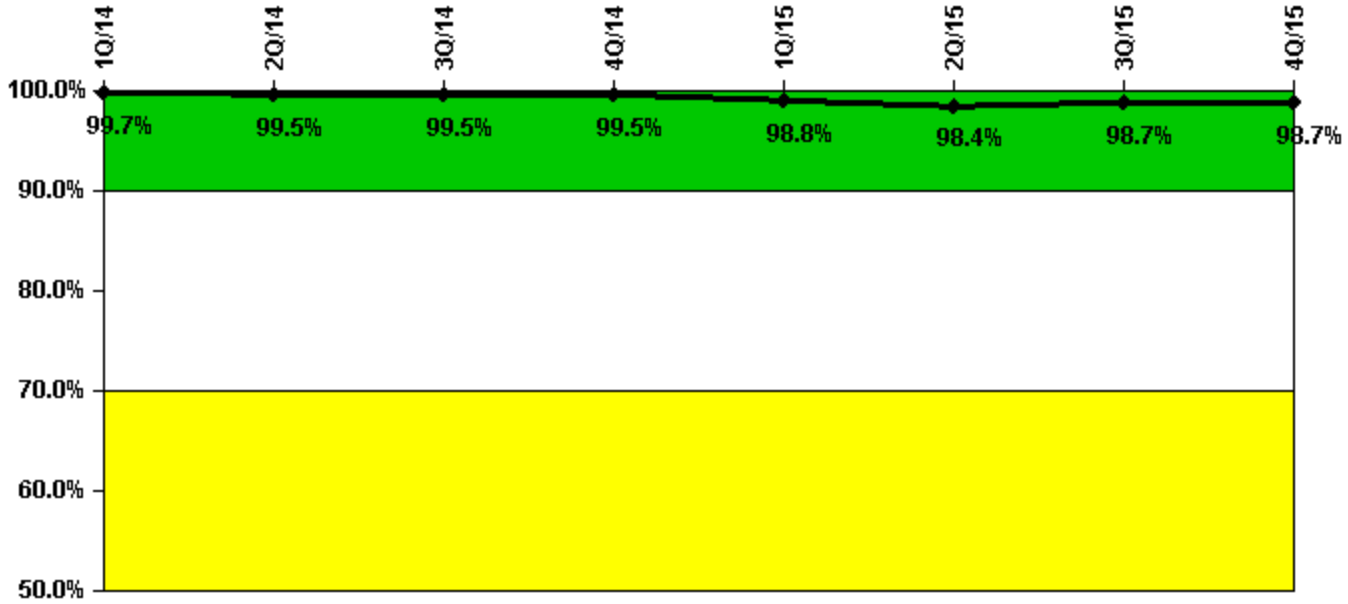
Notes

| Reactor Coolant System Leakage | 1/14 | 2/14 | 3/14 | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|------------|
| Maximum leakage | 2.130 | 2.090 | 1.930 | 2.060 | 2.070 | 2.090 | 2.100 | 2.090 | 2.090 | 2.090 | 0 | 1.740 |
| 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 | 8.5 | 8.4 | 7.7 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 0 | 7.0 |

| Reactor Coolant System Leakage | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| Maximum leakage | 1.750 | 1.750 | 1.750 | 1.770 | 1.900 | 1.920 | 1.900 | 1.890 | 1.890 | 1.780 | 1.780 | 2.880 |
| 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 | 7.0 | 7.0 | 7.0 | 7.1 | 7.6 | 7.7 | 7.6 | 7.6 | 7.6 | 7.1 | 7.1 | 11.5 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

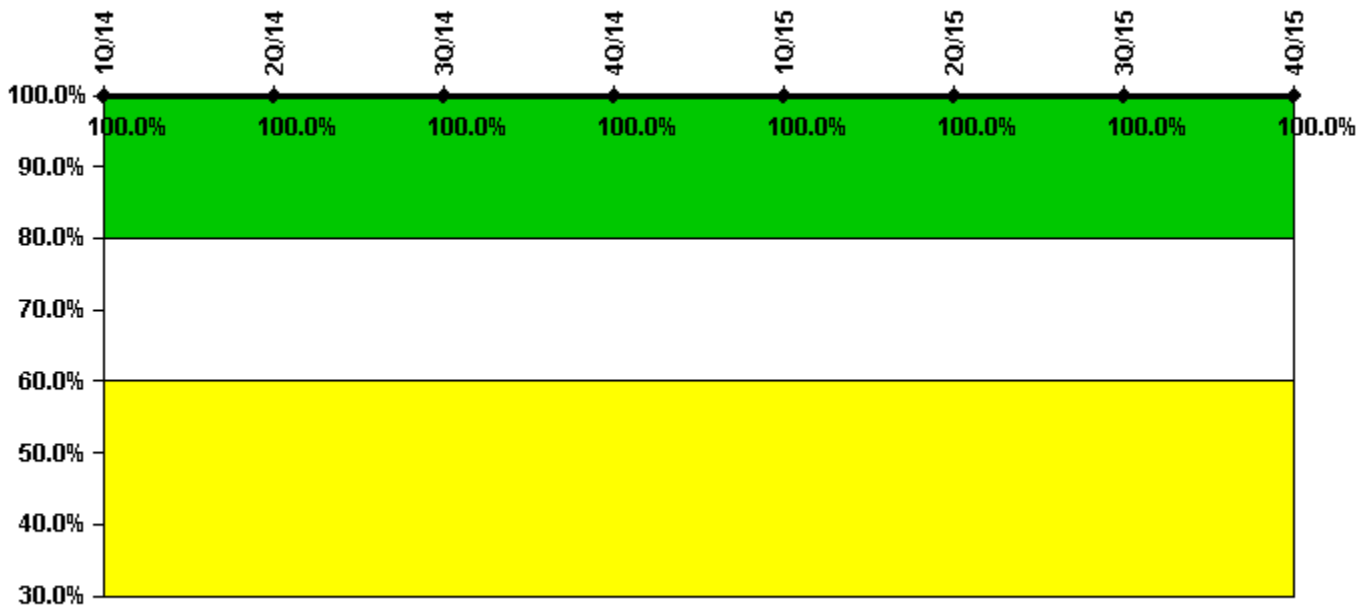
Notes

| Drill/Exercise Performance | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Successful opportunities | 106.0 | 46.0 | 34.0 | 0 | 102.0 | 43.0 | 10.0 | 30.0 |
| Total opportunities | 106.0 | 47.0 | 34.0 | 0 | 105.0 | 44.0 | 10.0 | 30.0 |
| | | | | | | | | |
| Indicator value | 99.7% | 99.5% | 99.5% | 99.5% | 98.8% | 98.4% | 98.7% | 98.7% |

Licensee Comments:

2Q/14: Data correction for June NRC Drill and Exercise (DEP) data. No change in PI threshold color.

ERO Drill Participation



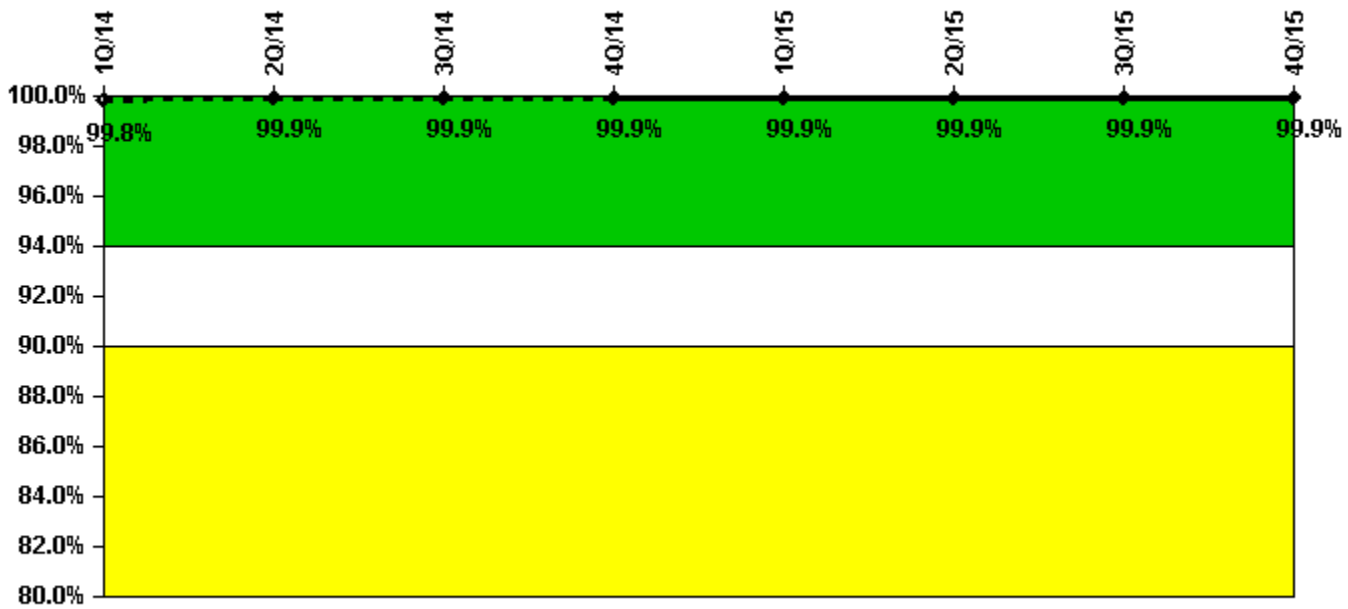
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 77.0 | 80.0 | 77.0 | 74.0 | 76.0 | 76.0 | 78.0 | 78.0 |
| Total Key personnel | 77.0 | 80.0 | 77.0 | 74.0 | 76.0 | 76.0 | 78.0 | 78.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



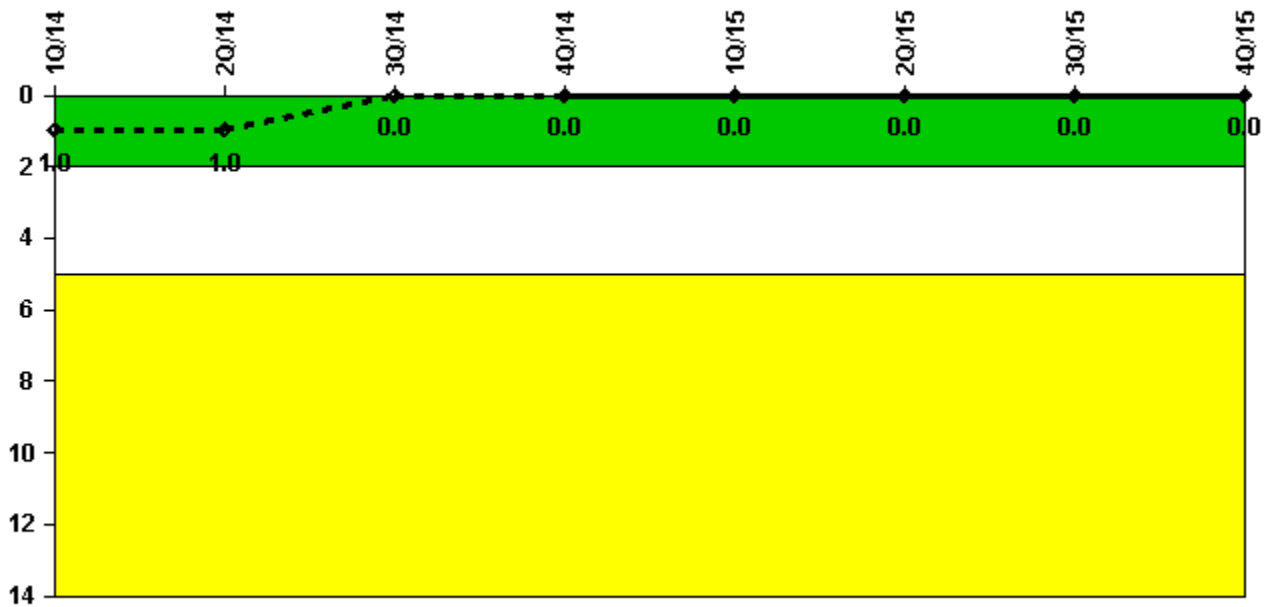
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1260 | 1261 | 1258 | 1356 | 1163 | 1260 | 1356 | 1259 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1358 | 1164 | 1261 | 1358 | 1261 |
| Indicator value | 99.8% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

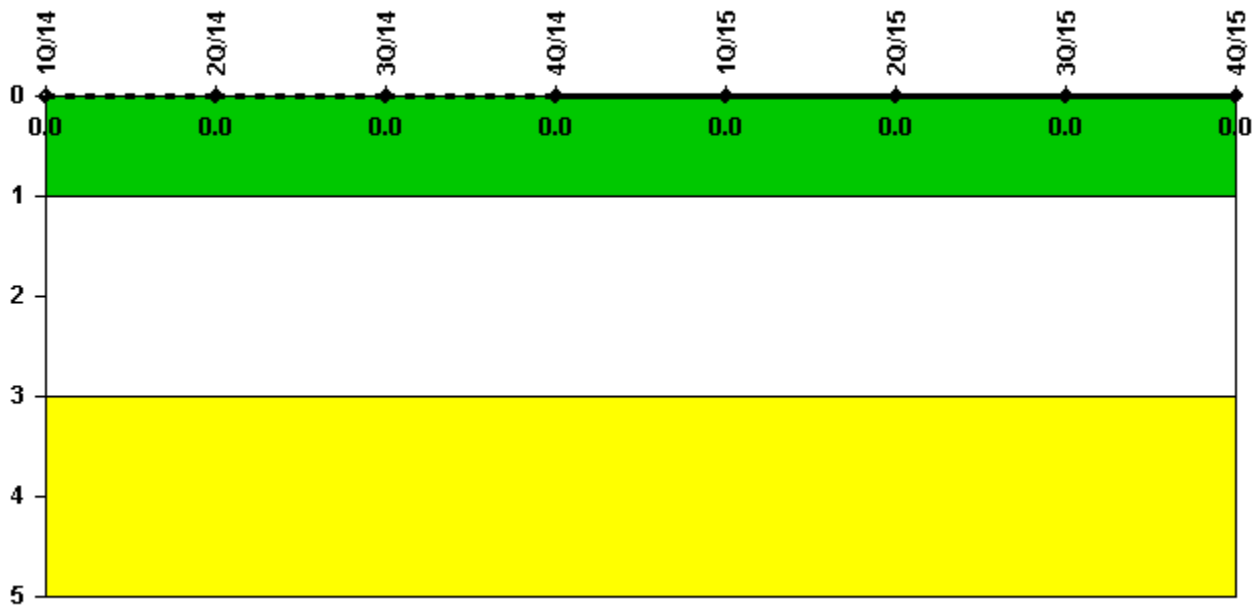
Notes

| Occupational Exposure Control Effectiveness | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments:

3Q/15: Update to remove High Radiation Area Occurrence per NEI reporting criteria. There was no color or threshold change.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 1Q/14 | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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: March 1, 2016

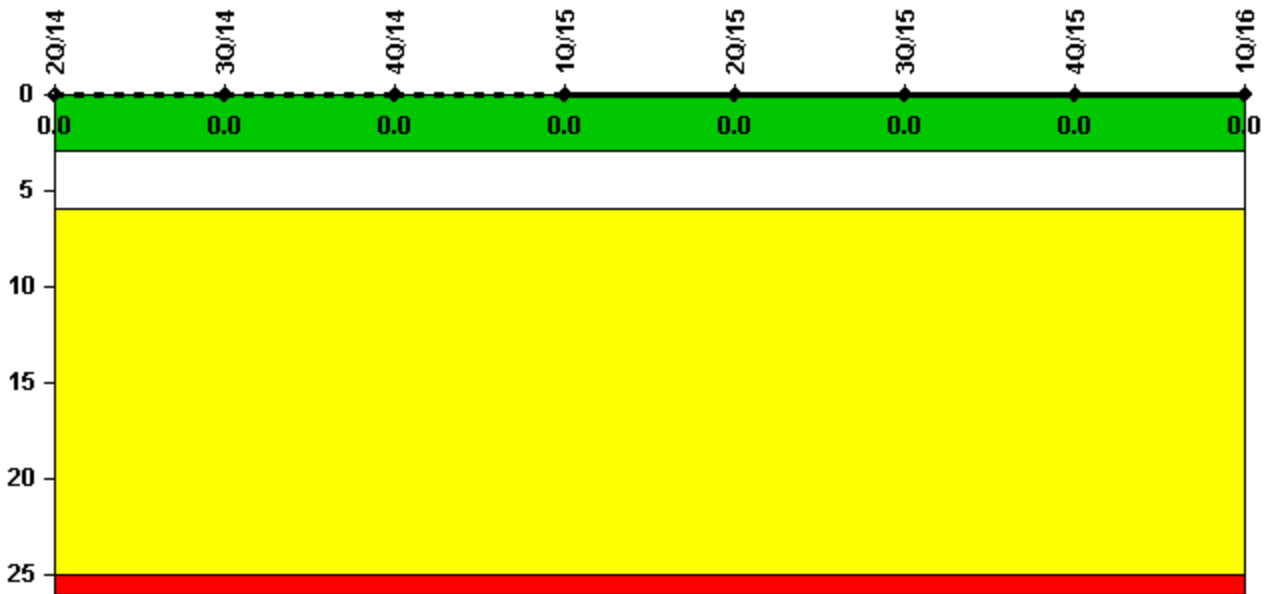
Peach Bottom 2

1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



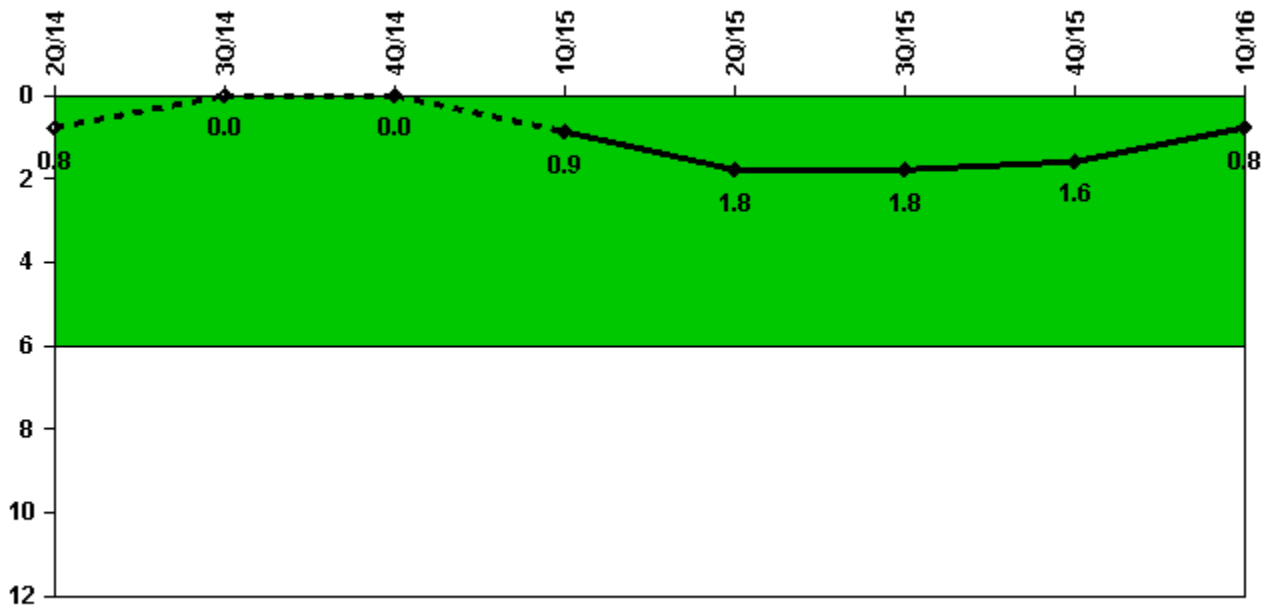
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 2208.0 | 1201.5 | 2159.0 | 2184.0 | 2208.0 | 2161.3 | 2183.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



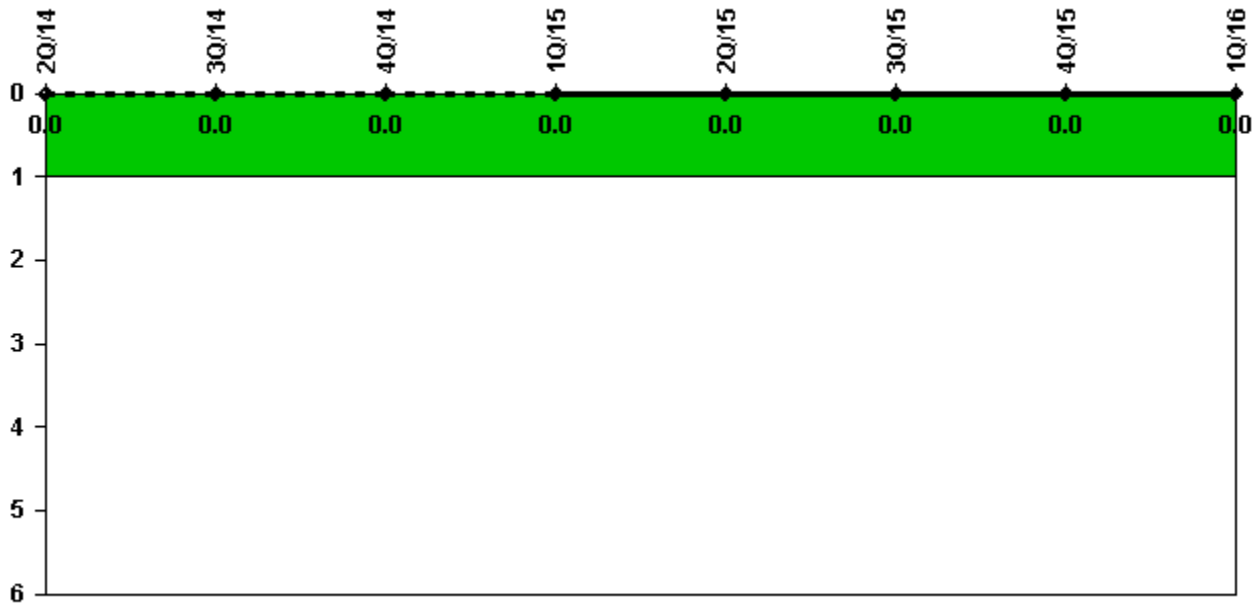
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|---|------------|----------|----------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 2208.0 | 1201.5 | 2159.0 | 2184.0 | 2208.0 | 2161.3 | 2183.0 |
| Indicator value | 0.8 | 0 | 0 | 0.9 | 1.8 | 1.8 | 1.6 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



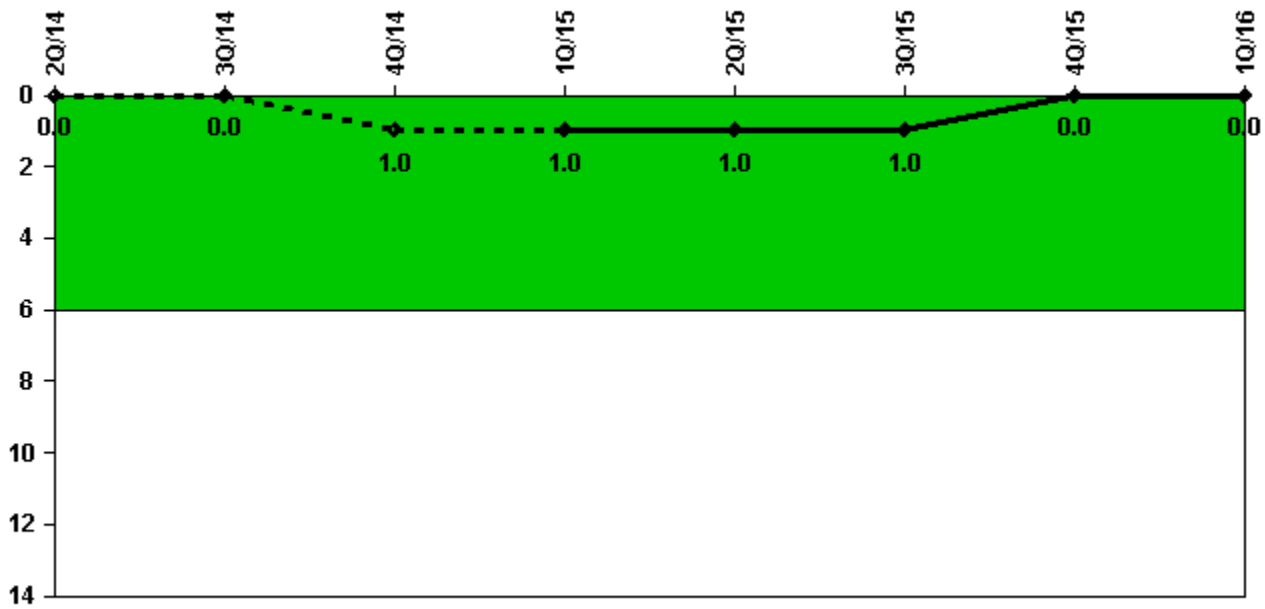
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

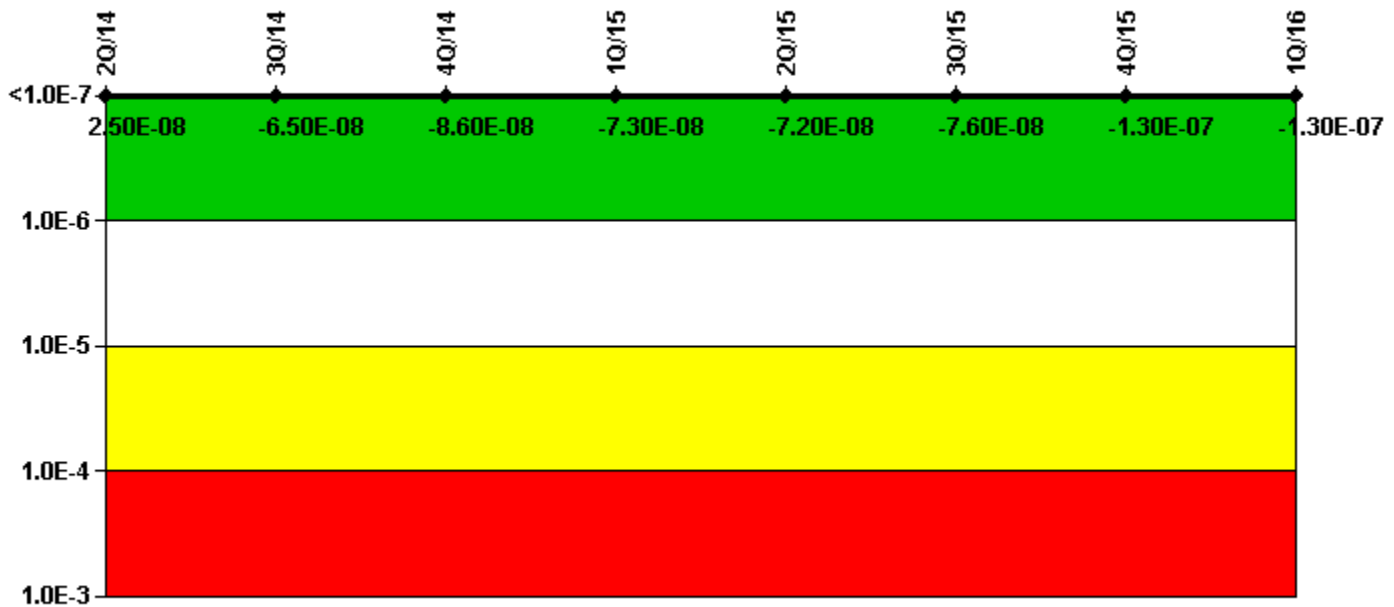
Notes

| Safety System Functional Failures (BWR) | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 |

Licensee Comments:

4Q/14: LER 2-14-003 was submitted in December to report a primary containment function being lost due to exceeding the allowable leakage limit.

Mitigating Systems Performance Index, Emergency AC Power System



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

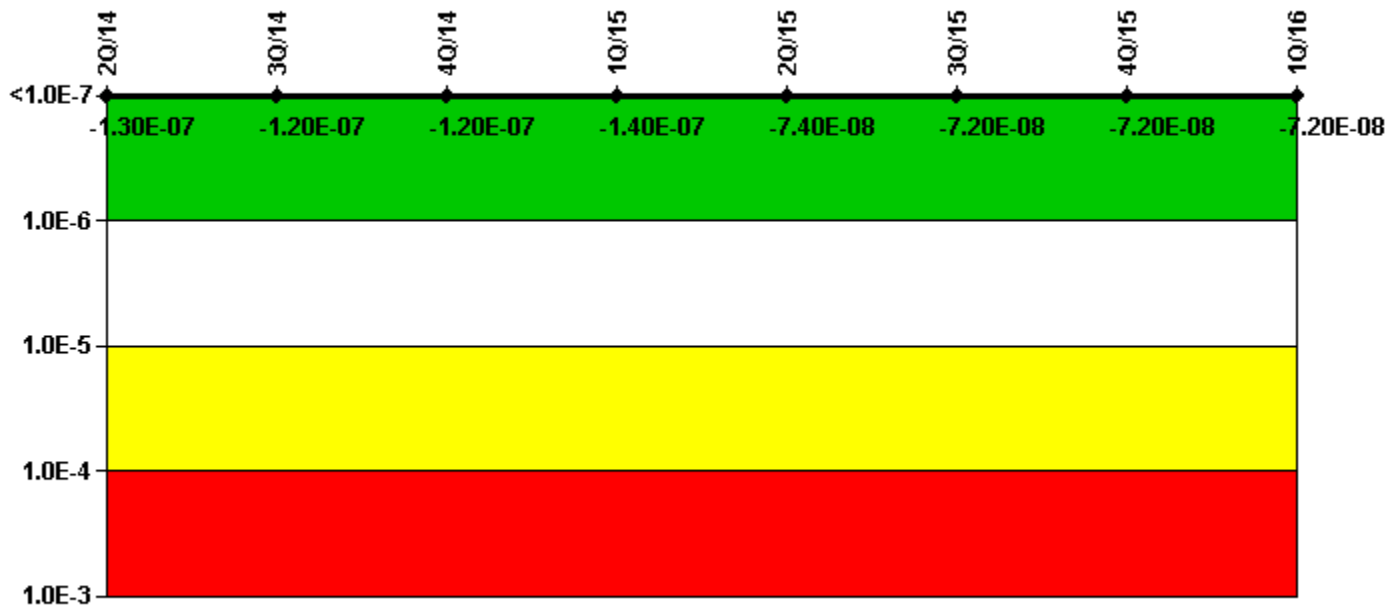
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 4.45E-08 | 4.31E-08 | 1.95E-08 | 3.27E-08 | 7.46E-09 | 4.45E-09 | -1.57E-09 | -5.70E-09 |
| URI (Δ CDF) | -1.97E-08 | -1.08E-07 | -1.06E-07 | -1.06E-07 | -8.00E-08 | -8.08E-08 | -1.26E-07 | -1.25E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 2.50E-08 | 6.50E-08 | 8.60E-08 | 7.30E-08 | 7.20E-08 | 7.60E-08 | 1.30E-07 | 1.30E-07 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, High Pressure Injection System



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

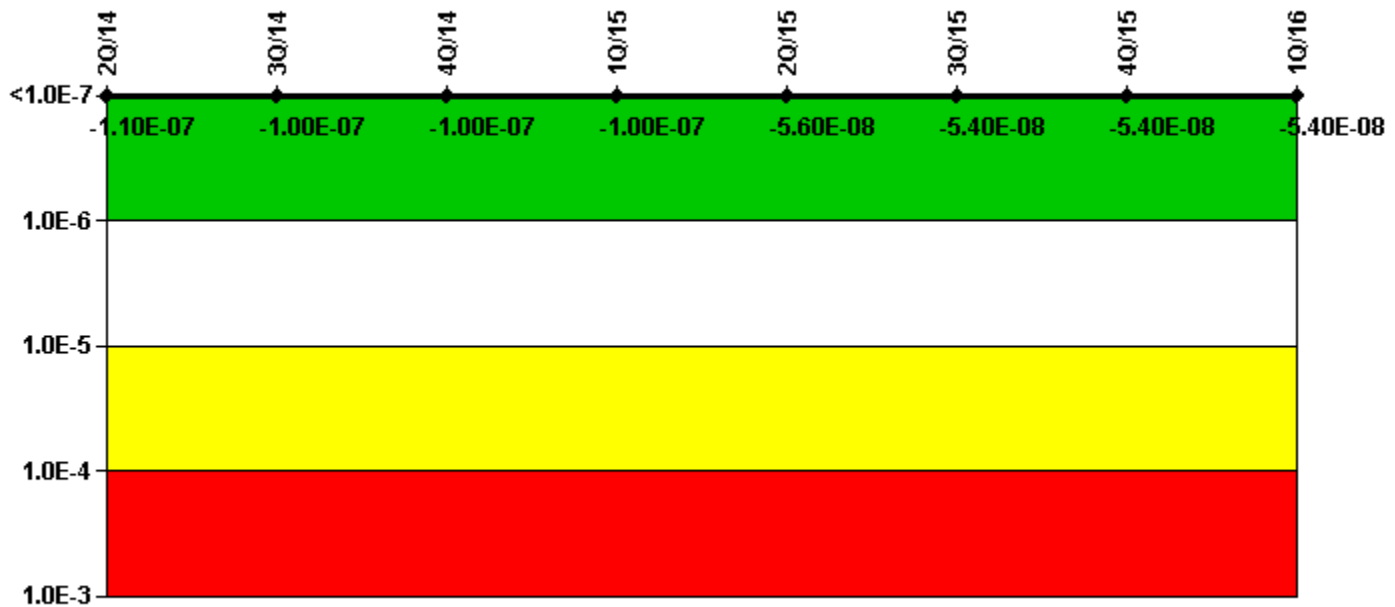
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.74E-08 | -2.74E-08 | -2.63E-08 | -5.30E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 |
| URI (Δ CDF) | -9.89E-08 | -9.64E-08 | -9.37E-08 | -9.10E-08 | -4.51E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.30E-07 | -1.20E-07 | -1.20E-07 | -1.40E-07 | -7.40E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, Heat Removal System



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

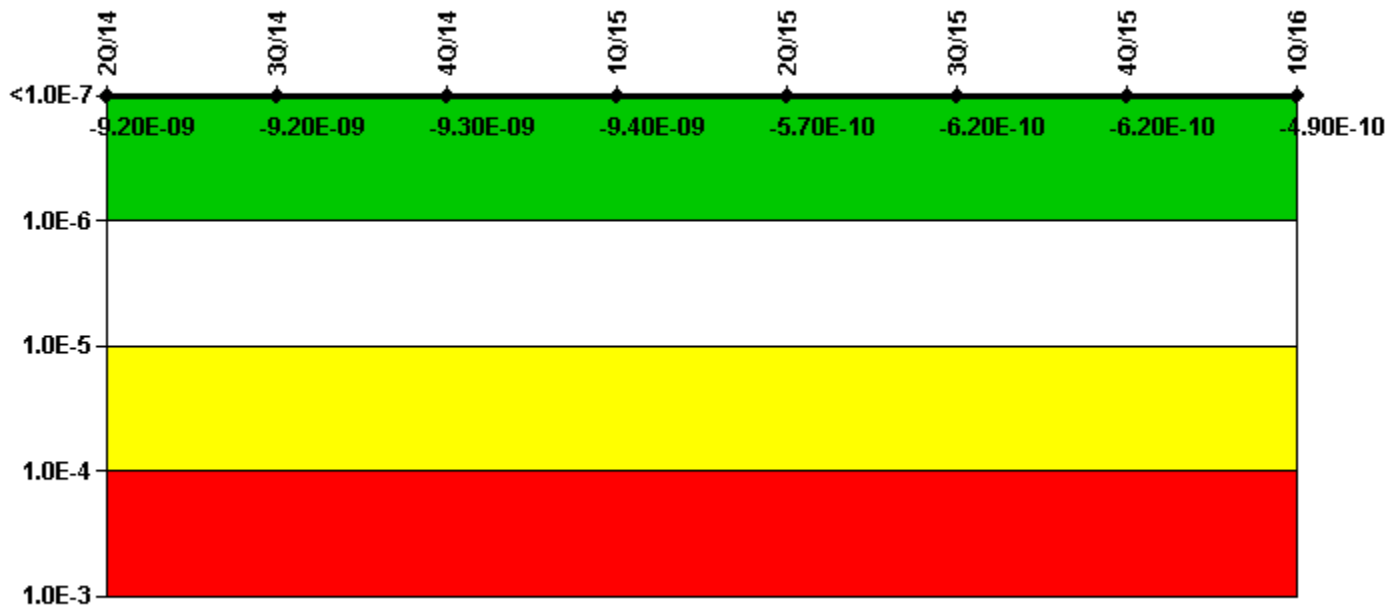
Notes

| Mitigating Systems Performance Index, Heat Removal System | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -3.11E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 |
| URI (Δ CDF) | -7.55E-08 | -7.35E-08 | -7.13E-08 | -6.91E-08 | -3.76E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.10E-07 | -1.00E-07 | -1.00E-07 | -1.00E-07 | -5.60E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

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/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.94E-10 | -1.94E-10 | -2.86E-10 | -3.70E-10 | -8.65E-11 | -1.34E-10 | -1.35E-10 | 0.00E+00 |
| URI (Δ CDF) | -9.03E-09 | -9.03E-09 | -9.03E-09 | -9.03E-09 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -9.20E-09 | -9.20E-09 | -9.30E-09 | -9.40E-09 | -5.70E-10 | -6.20E-10 | -6.20E-10 | -4.90E-10 |

Licensee Comments:

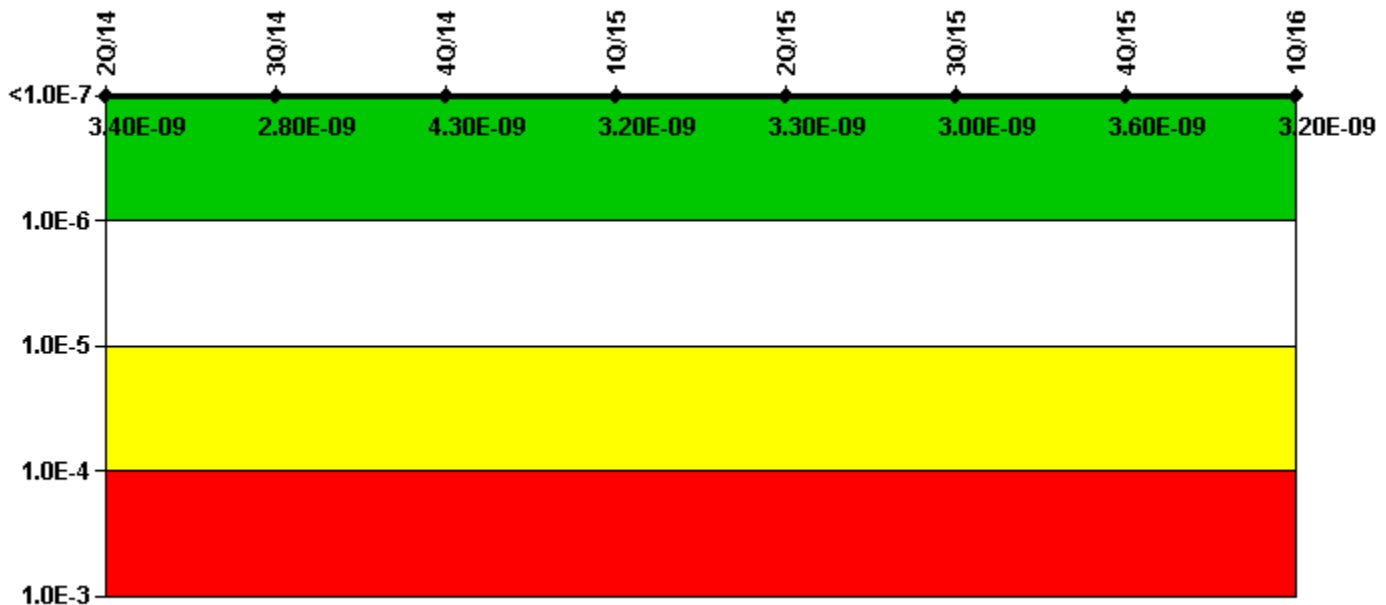
2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

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/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (ΔCDF) | 4.38E-09 | 3.78E-09 | 5.30E-09 | 4.22E-09 | 5.66E-09 | 5.32E-09 | 5.99E-09 | 5.57E-09 |
| URI (ΔCDF) | -1.03E-09 | -1.03E-09 | -1.03E-09 | -1.03E-09 | -2.35E-09 | -2.35E-09 | -2.35E-09 | -2.35E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 3.40E-09 | 2.80E-09 | 4.30E-09 | 3.20E-09 | 3.30E-09 | 3.00E-09 | 3.60E-09 | 3.20E-09 |

Licensee Comments:

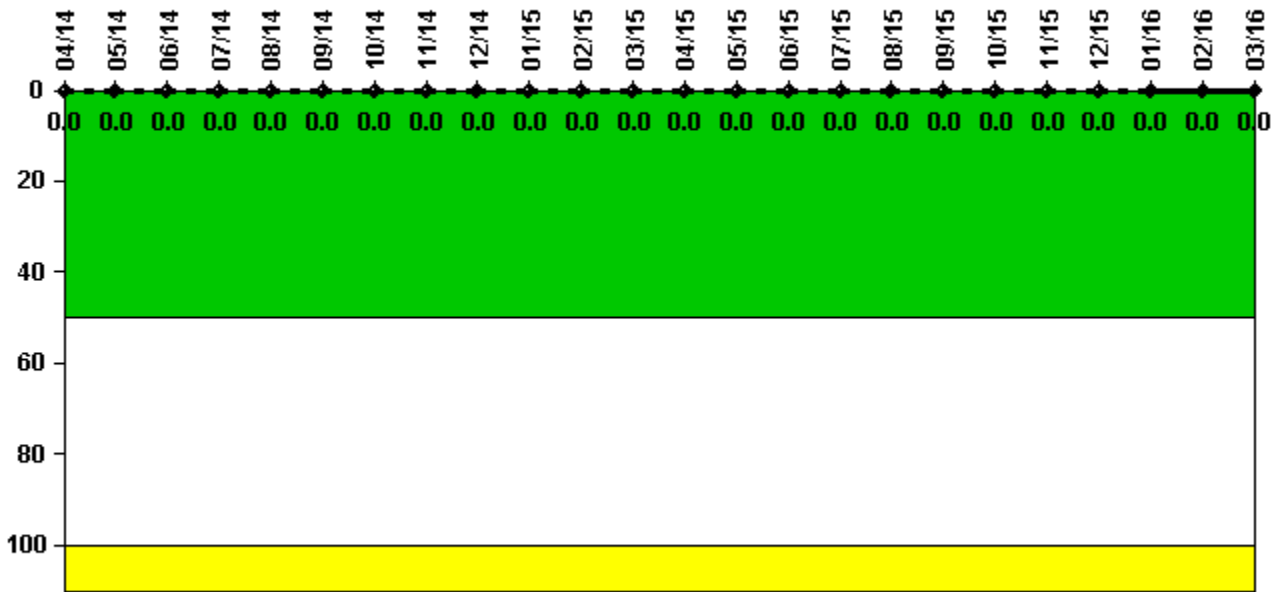
2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

2Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

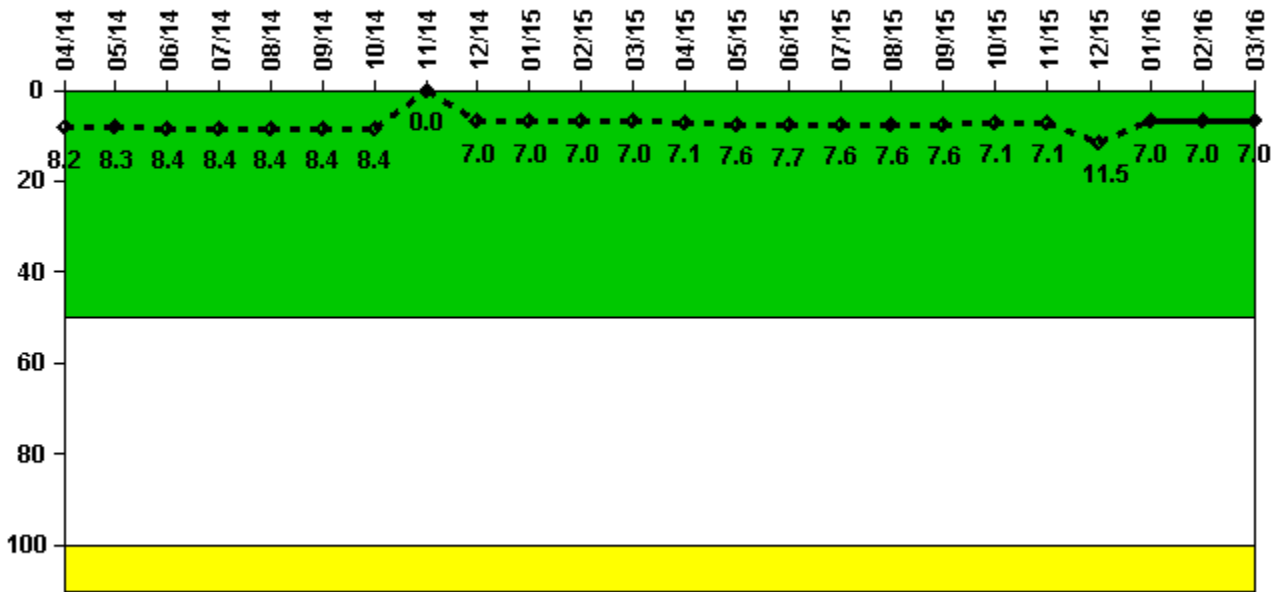
Notes

| Reactor Coolant System Activity | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|-------|----------|----------|----------|----------|
| Maximum activity | 0.000020 | 0.000018 | 0.000022 | 0.000021 | 0.000023 | 0.000019 | 0.000019 | 0 | 0.000025 | 0.000021 | 0.000020 | 0.000019 |
| 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 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 | 1/16 | 2/16 | 3/16 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000018 | 0.000022 | 0.000022 | 0.000019 | 0.000020 | 0.000020 | 0.000025 | 0.000021 | 0.000023 | 0.000023 | 0.000025 | 0.000020 |
| 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



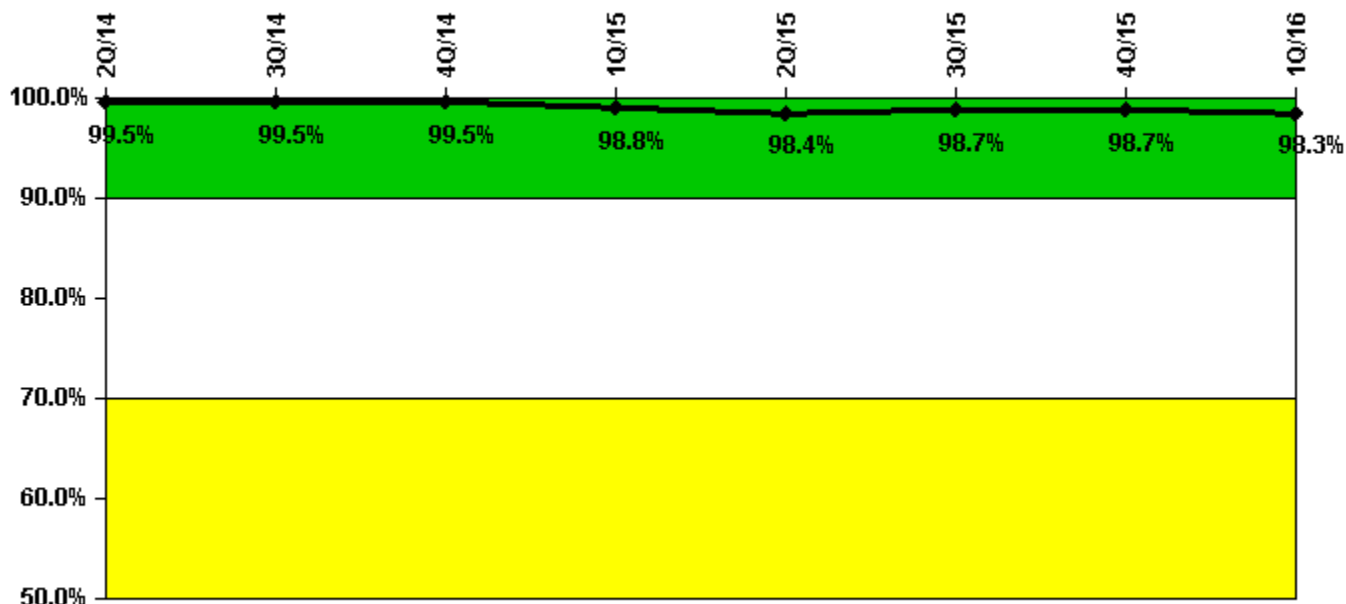
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 4/14 | 5/14 | 6/14 | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|------------|------------|------------|
| Maximum leakage | 2.060 | 2.070 | 2.090 | 2.100 | 2.090 | 2.090 | 2.090 | 0 | 1.740 | 1.750 | 1.750 | 1.750 |
| 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 | 8.2 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 0 | 7.0 | 7.0 | 7.0 | 7.0 |
| Reactor Coolant System Leakage | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 | 1/16 | 2/16 | 3/16 |
| Maximum leakage | 1.770 | 1.900 | 1.920 | 1.900 | 1.890 | 1.890 | 1.780 | 1.780 | 2.880 | 1.750 | 1.750 | 1.750 |
| 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 | 7.1 | 7.6 | 7.7 | 7.6 | 7.6 | 7.6 | 7.1 | 7.1 | 11.5 | 7.0 | 7.0 | 7.0 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

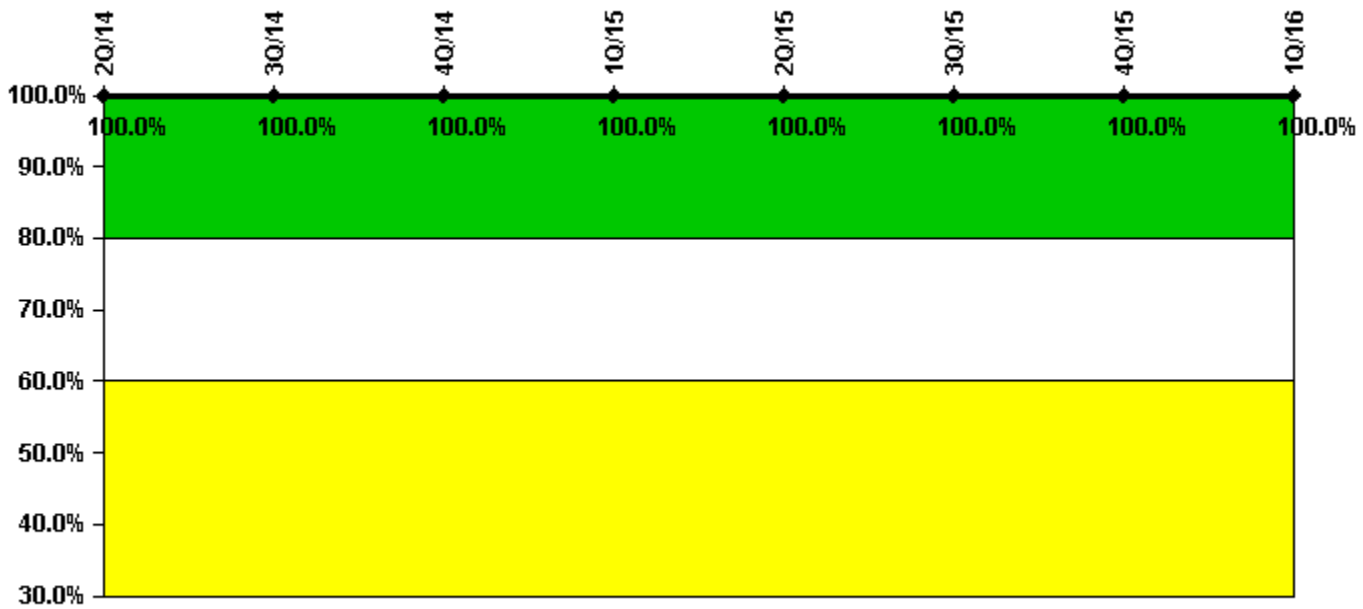
Notes

| Drill/Exercise Performance | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 46.0 | 34.0 | 0 | 102.0 | 43.0 | 10.0 | 30.0 | 80.0 |
| Total opportunities | 47.0 | 34.0 | 0 | 105.0 | 44.0 | 10.0 | 30.0 | 81.0 |
| Indicator value | 99.5% | 99.5% | 99.5% | 98.8% | 98.4% | 98.7% | 98.7% | 98.3% |

Licensee Comments:

2Q/14: Data correction for June NRC Drill and Exercise (DEP) data. No change in PI threshold color.

ERO Drill Participation



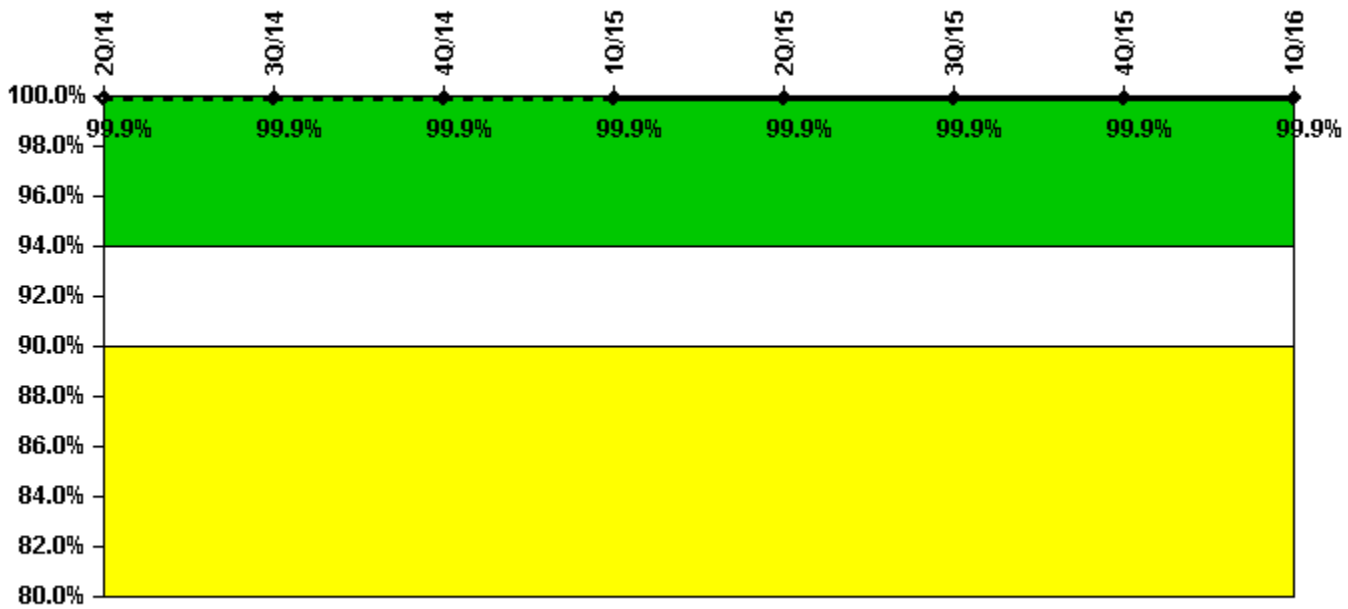
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 80.0 | 77.0 | 74.0 | 76.0 | 76.0 | 78.0 | 78.0 | 72.0 |
| Total Key personnel | 80.0 | 77.0 | 74.0 | 76.0 | 76.0 | 78.0 | 78.0 | 72.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



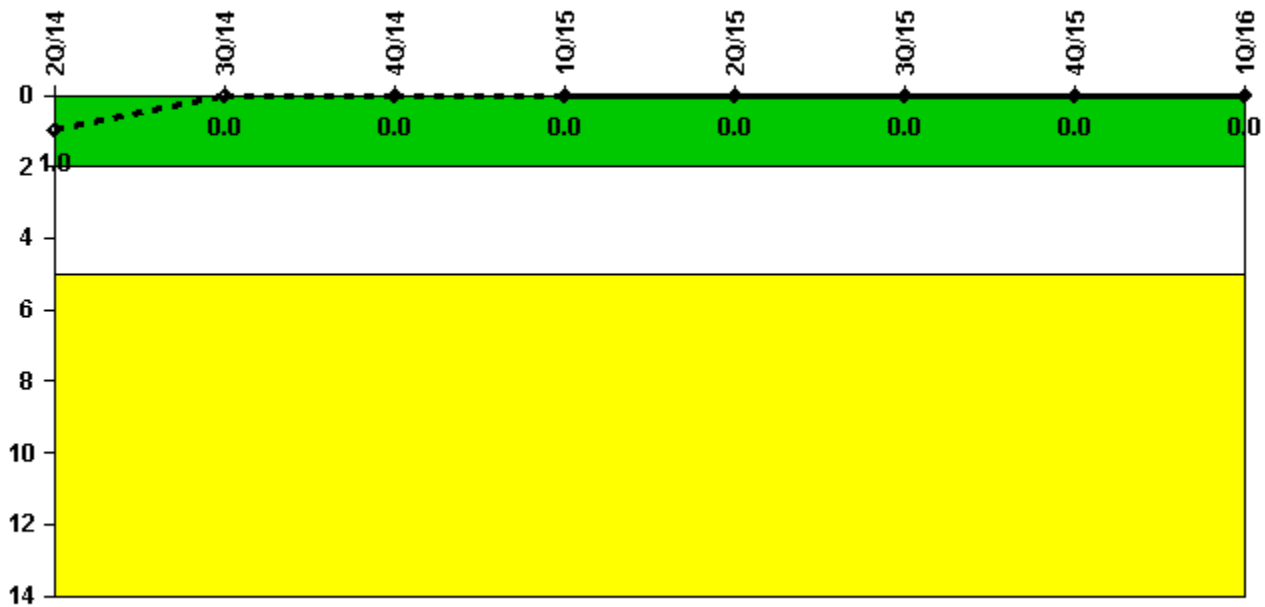
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1261 | 1258 | 1356 | 1163 | 1260 | 1356 | 1259 | 1261 |
| Total sirens-tests | 1261 | 1261 | 1358 | 1164 | 1261 | 1358 | 1261 | 1261 |
| Indicator value | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

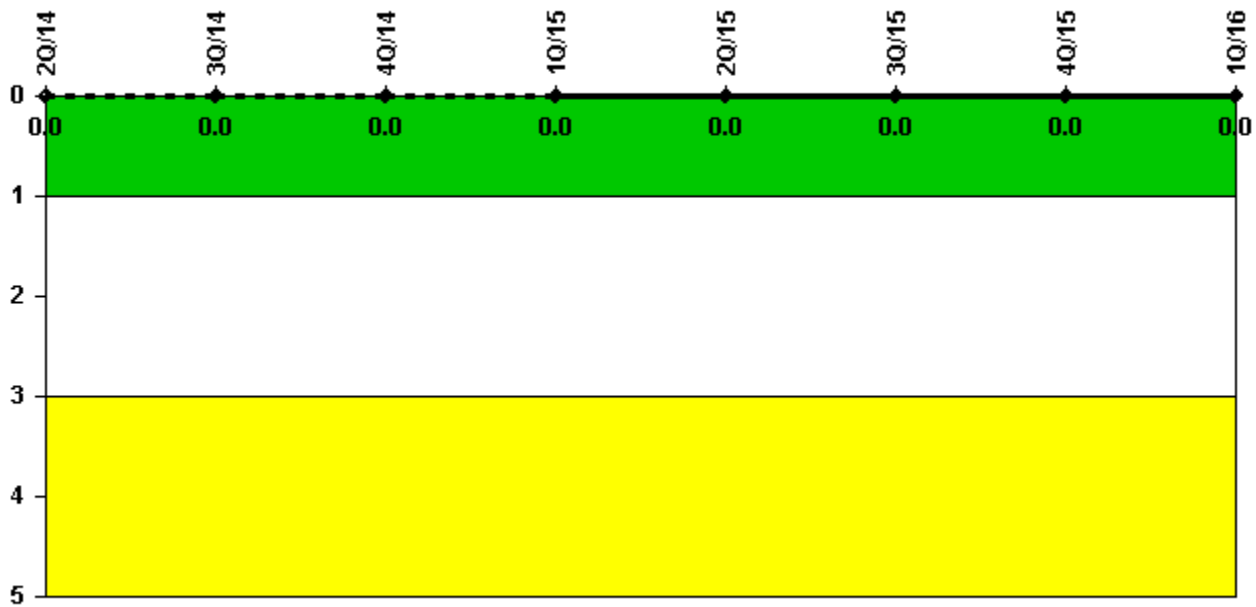
Notes

| Occupational Exposure Control Effectiveness | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments:

3Q/15: Update to remove High Radiation Area Occurrence per NEI reporting criteria. There was no color or threshold change.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 2Q/14 | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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, 2016

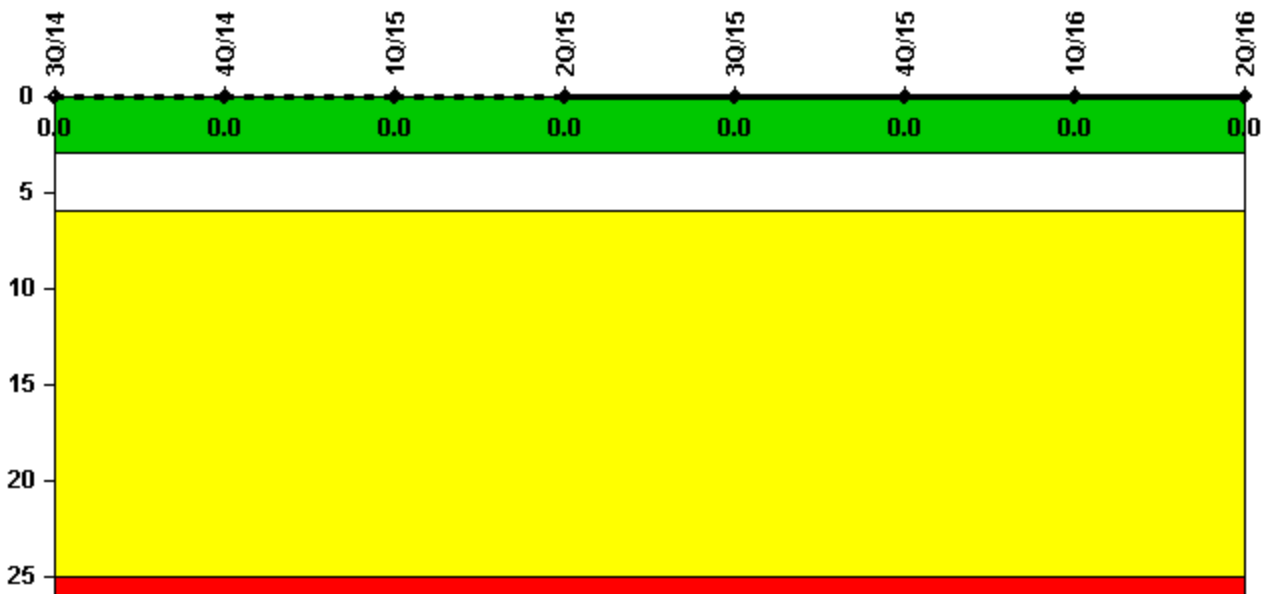
Peach Bottom 2

2Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



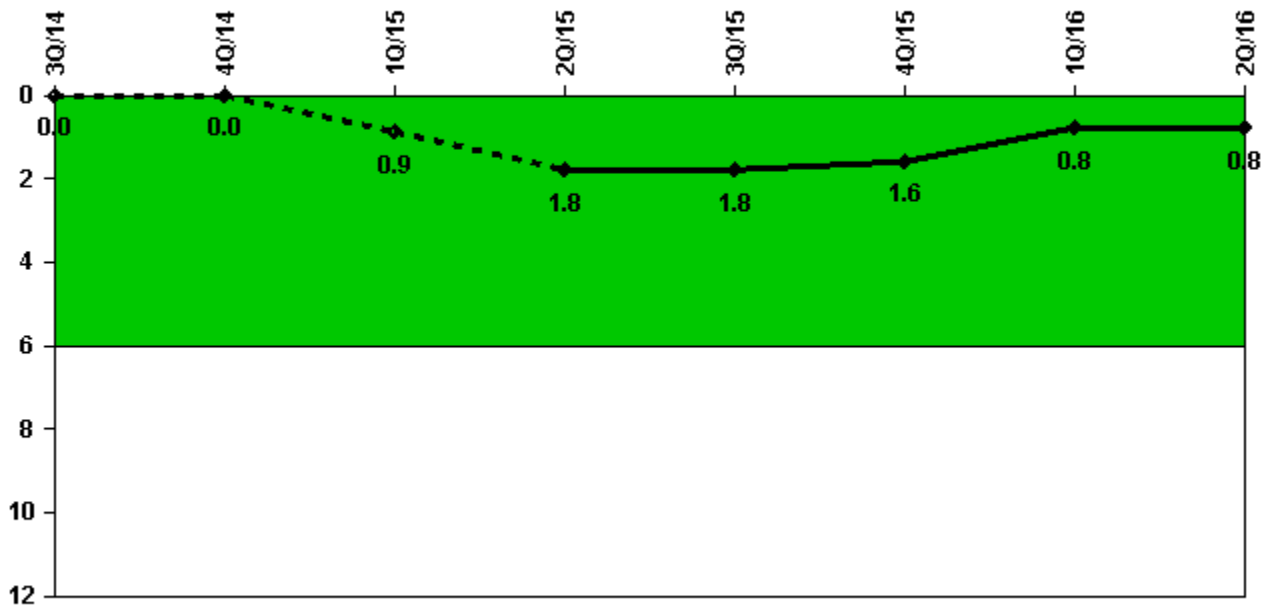
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 1201.5 | 2159.0 | 2184.0 | 2208.0 | 2161.3 | 2183.0 | 2184.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



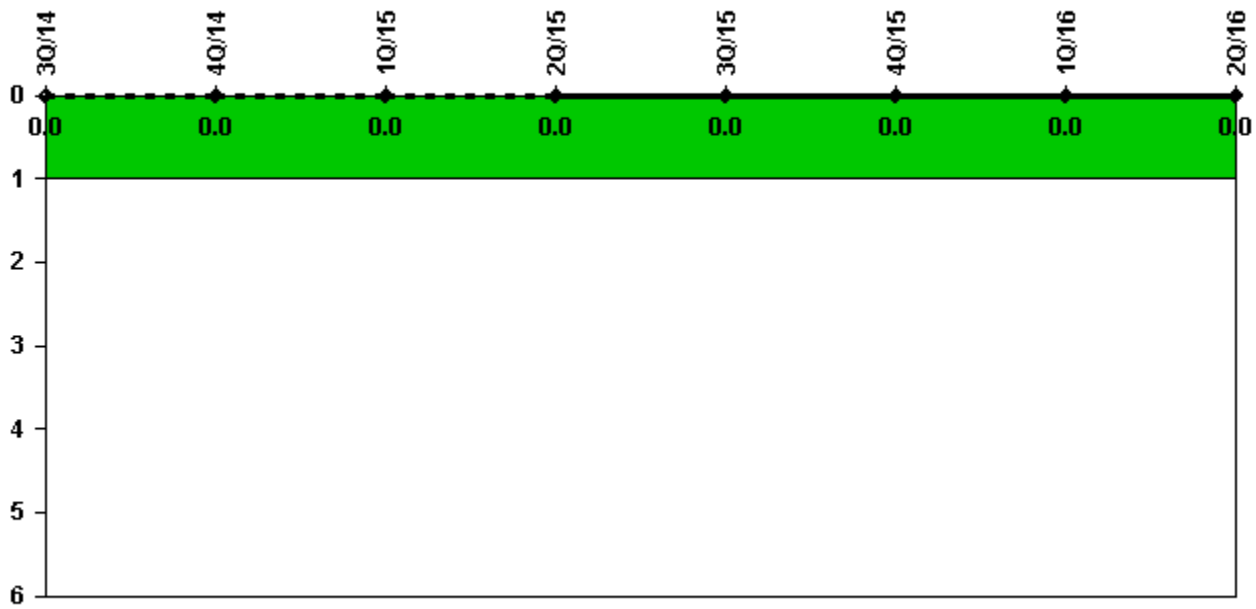
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|---|----------|----------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 1.0 |
| Critical hours | 2208.0 | 1201.5 | 2159.0 | 2184.0 | 2208.0 | 2161.3 | 2183.0 | 2184.0 |
| Indicator value | 0 | 0 | 0.9 | 1.8 | 1.8 | 1.6 | 0.8 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



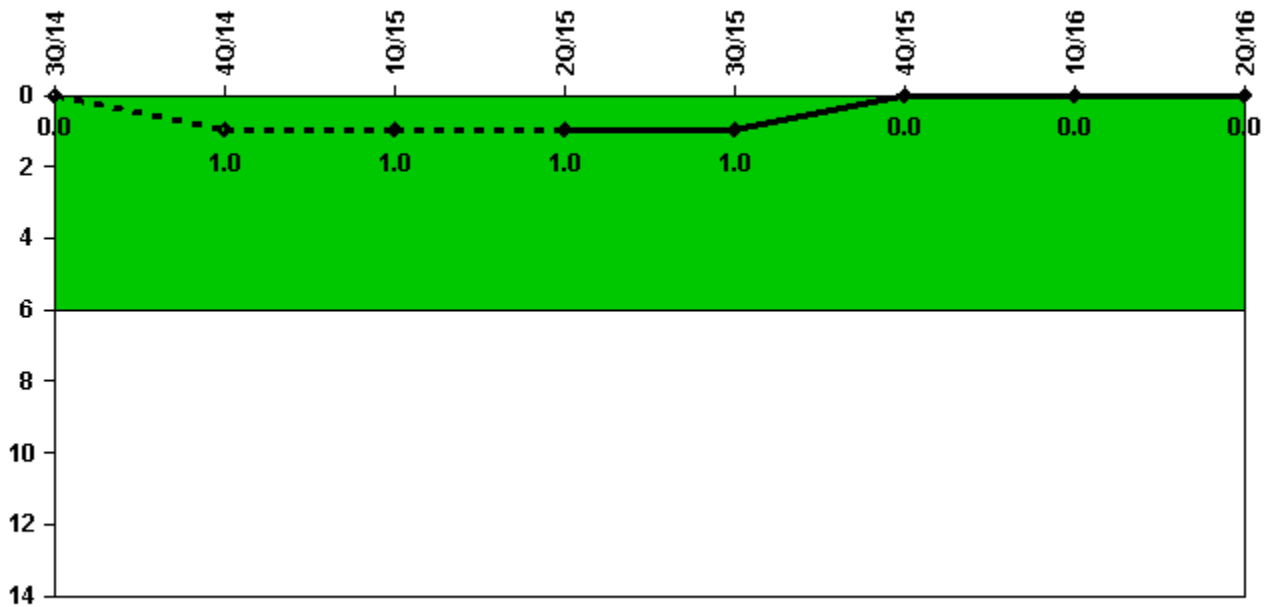
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

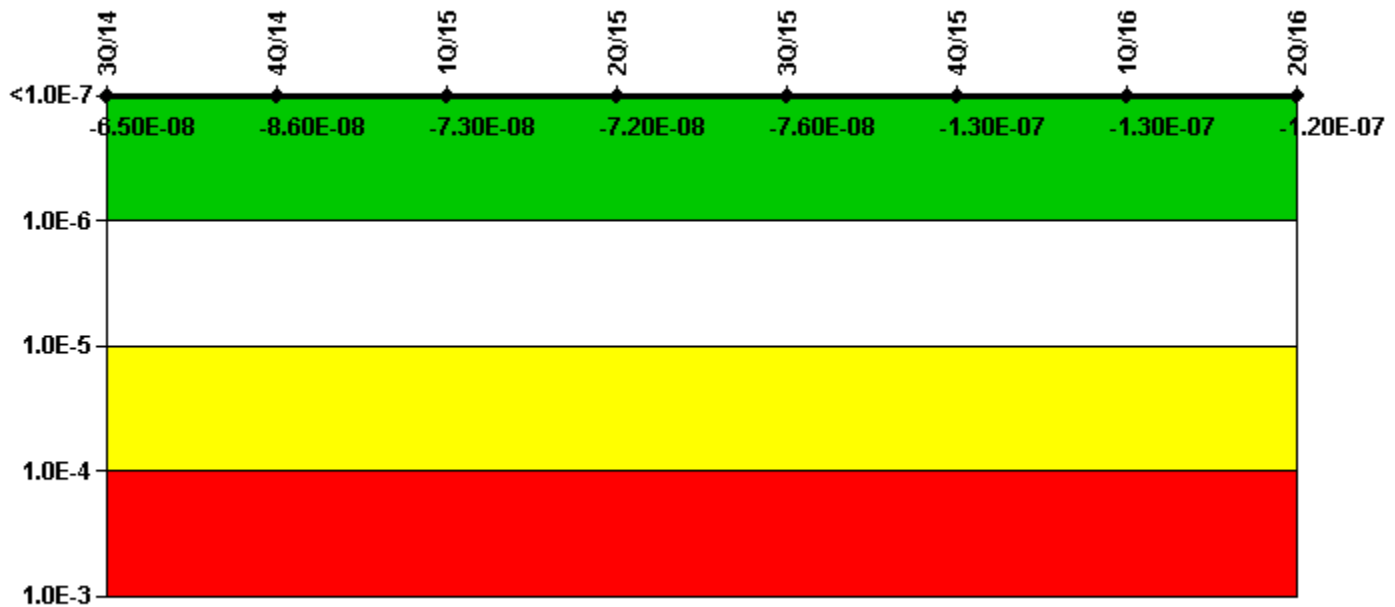
Notes

| Safety System Functional Failures (BWR) | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |

Licensee Comments:

4Q/14: LER 2-14-003 was submitted in December to report a primary containment function being lost due to exceeding the allowable leakage limit.

Mitigating Systems Performance Index, Emergency AC Power System



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

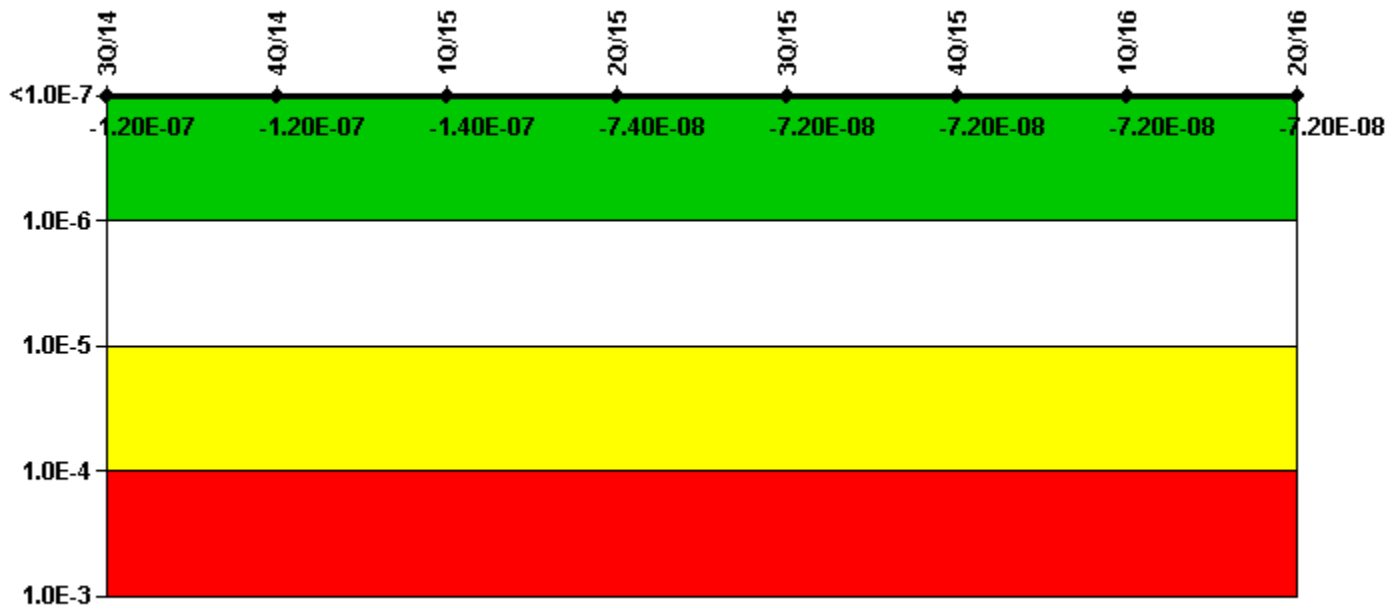
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 4.31E-08 | 1.95E-08 | 3.27E-08 | 7.46E-09 | 4.45E-09 | -1.57E-09 | -5.70E-09 | 4.33E-09 |
| URI (Δ CDF) | -1.08E-07 | -1.06E-07 | -1.06E-07 | -8.00E-08 | -8.08E-08 | -1.26E-07 | -1.25E-07 | -1.26E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -6.50E-08 | -8.60E-08 | -7.30E-08 | -7.20E-08 | -7.60E-08 | -1.30E-07 | -1.30E-07 | -1.20E-07 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, High Pressure Injection System



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

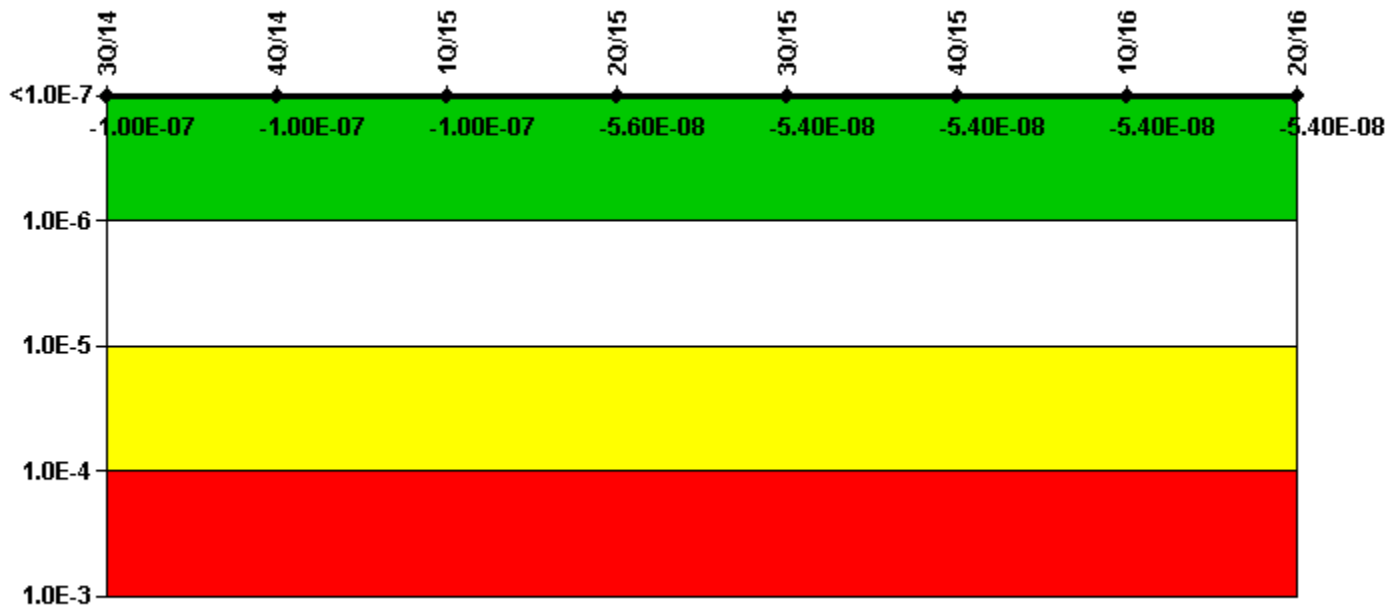
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.74E-08 | -2.63E-08 | -5.30E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 |
| URI (Δ CDF) | -9.64E-08 | -9.37E-08 | -9.10E-08 | -4.51E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.20E-07 | -1.40E-07 | -7.40E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, Heat Removal System



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

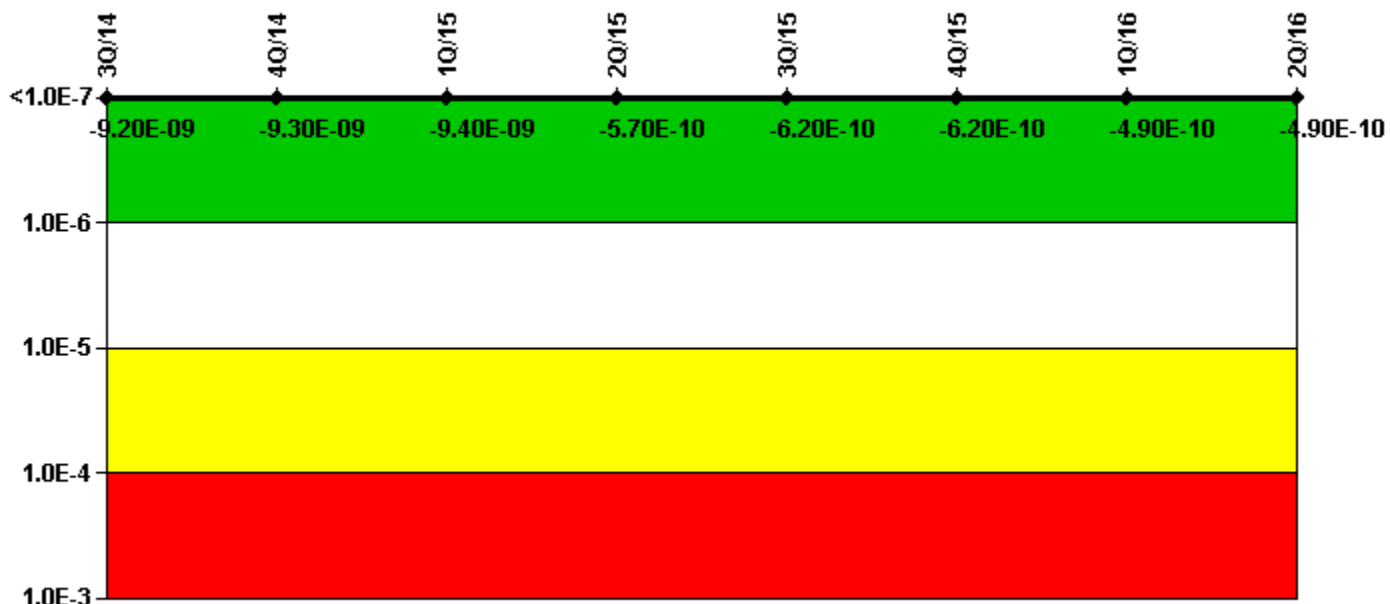
Notes

| Mitigating Systems Performance Index, Heat Removal System | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -3.11E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 |
| URI (Δ CDF) | -7.35E-08 | -7.13E-08 | -6.91E-08 | -3.76E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.00E-07 | -1.00E-07 | -1.00E-07 | -5.60E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

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/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -1.94E-10 | -2.86E-10 | -3.70E-10 | -8.65E-11 | -1.34E-10 | -1.35E-10 | 0.00E+00 | 0.00E+00 |
| URI (Δ CDF) | -9.03E-09 | -9.03E-09 | -9.03E-09 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -9.20E-09 | -9.30E-09 | -9.40E-09 | -5.70E-10 | -6.20E-10 | -6.20E-10 | -4.90E-10 | -4.90E-10 |

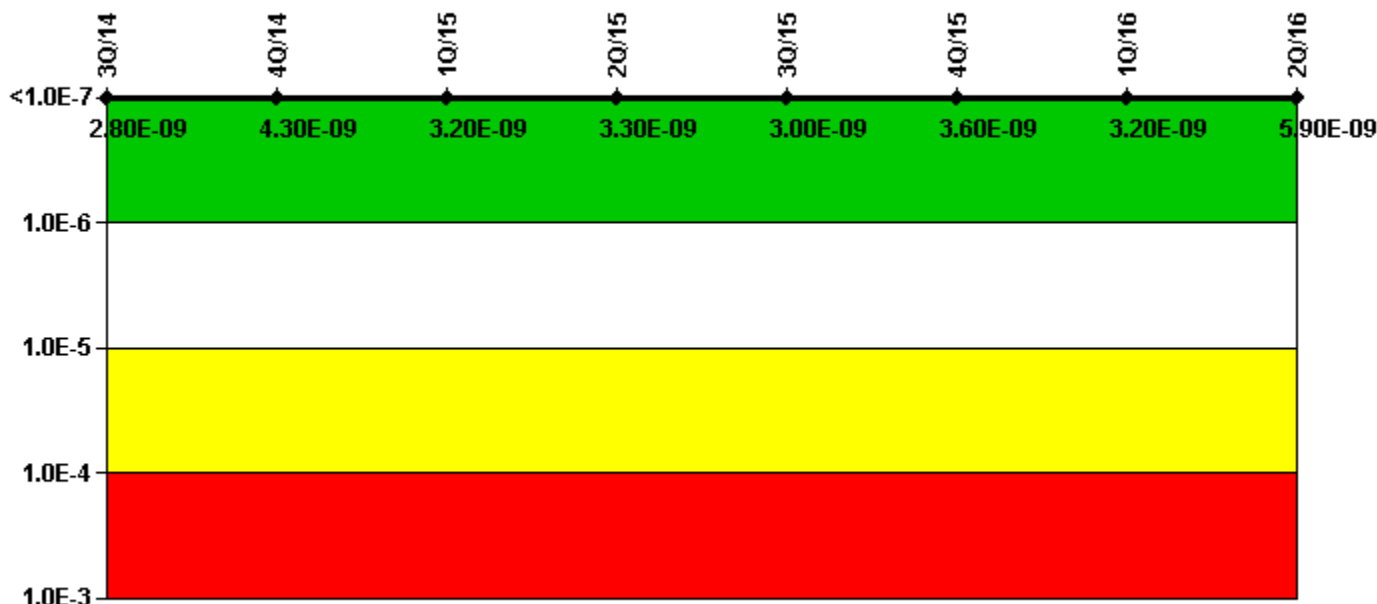
Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

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/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| UAI (Δ CDF) | 3.78E-09 | 5.30E-09 | 4.22E-09 | 5.66E-09 | 5.32E-09 | 5.99E-09 | 5.57E-09 | 5.40E-09 |
| URI (Δ CDF) | -1.03E-09 | -1.03E-09 | -1.03E-09 | -2.35E-09 | -2.35E-09 | -2.35E-09 | -2.35E-09 | 5.18E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 2.80E-09 | 4.30E-09 | 3.20E-09 | 3.30E-09 | 3.00E-09 | 3.60E-09 | 3.20E-09 | 5.90E-09 |

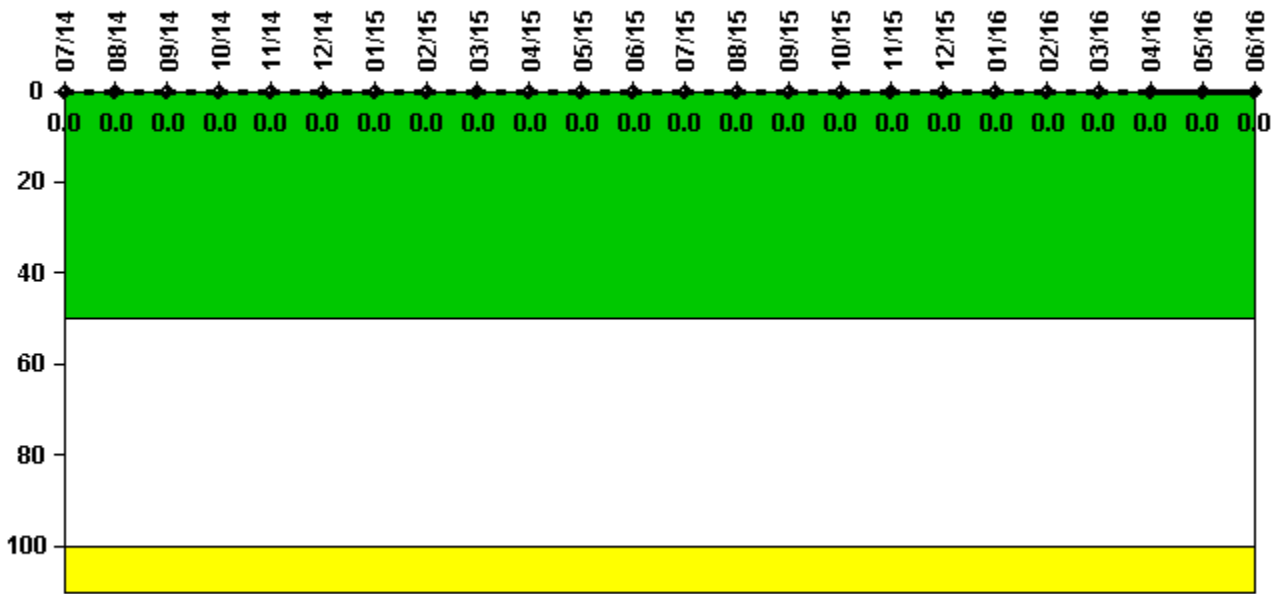
Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

3Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

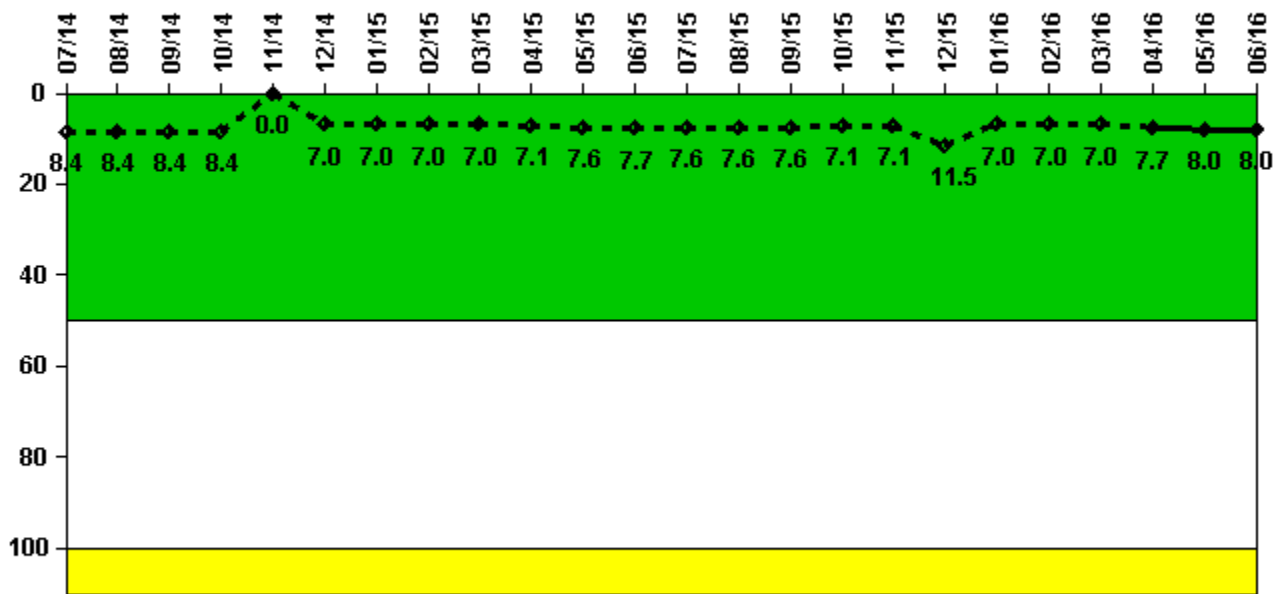
Notes

| Reactor Coolant System Activity | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 |
|---------------------------------|----------|----------|----------|----------|-------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000021 | 0.000023 | 0.000019 | 0.000019 | 0 | 0.000025 | 0.000021 | 0.000020 | 0.000019 | 0.000018 | 0.000022 | 0.000022 |
| 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 | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000019 | 0.000020 | 0.000020 | 0.000025 | 0.000021 | 0.000023 | 0.000023 | 0.000025 | 0.000020 | 0.000021 | 0.000038 | 0.000026 |
| 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

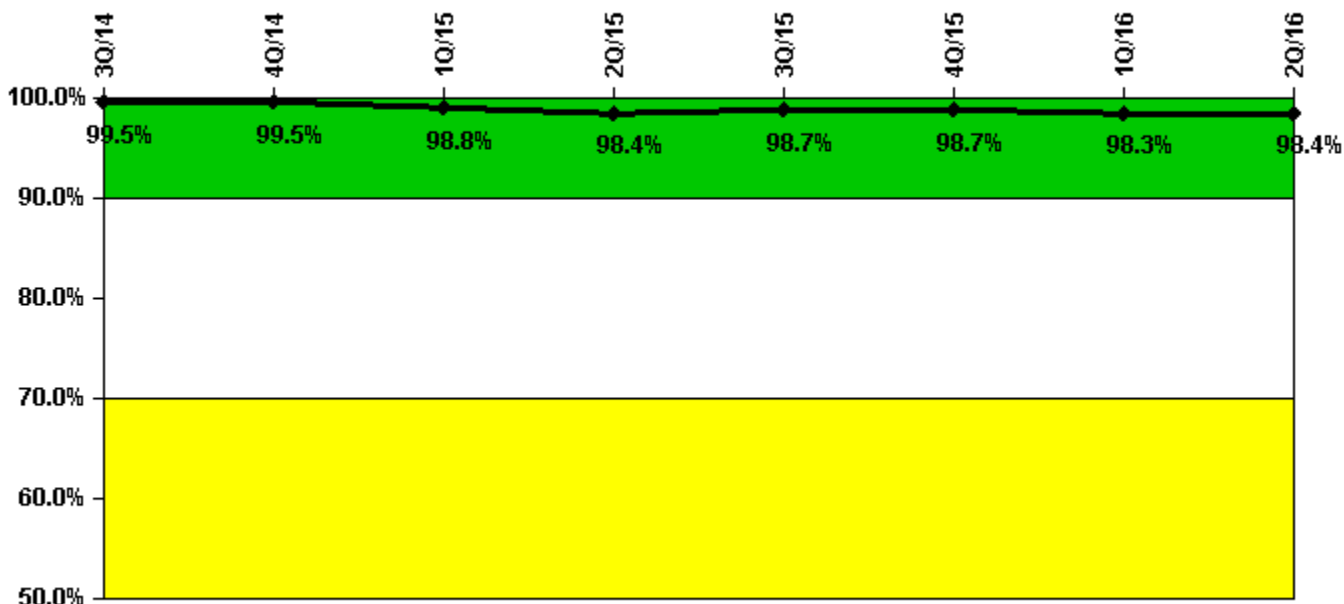
Notes

| Reactor Coolant System Leakage | 7/14 | 8/14 | 9/14 | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.100 | 2.090 | 2.090 | 2.090 | 0 | 1.740 | 1.750 | 1.750 | 1.750 | 1.770 | 1.900 | 1.920 |
| 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 | 8.4 | 8.4 | 8.4 | 8.4 | 0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.6 | 7.7 |

| Reactor Coolant System Leakage | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.900 | 1.890 | 1.890 | 1.780 | 1.780 | 2.880 | 1.750 | 1.750 | 1.750 | 1.930 | 2.000 | 2.000 |
| 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 | 7.6 | 7.6 | 7.6 | 7.1 | 7.1 | 11.5 | 7.0 | 7.0 | 7.0 | 7.7 | 8.0 | 8.0 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 34.0 | 0 | 102.0 | 43.0 | 10.0 | 30.0 | 80.0 | 72.0 |
| Total opportunities | 34.0 | 0 | 105.0 | 44.0 | 10.0 | 30.0 | 81.0 | 73.0 |
| Indicator value | 99.5% | 99.5% | 98.8% | 98.4% | 98.7% | 98.7% | 98.3% | 98.4% |

Licensee Comments: none

ERO Drill Participation



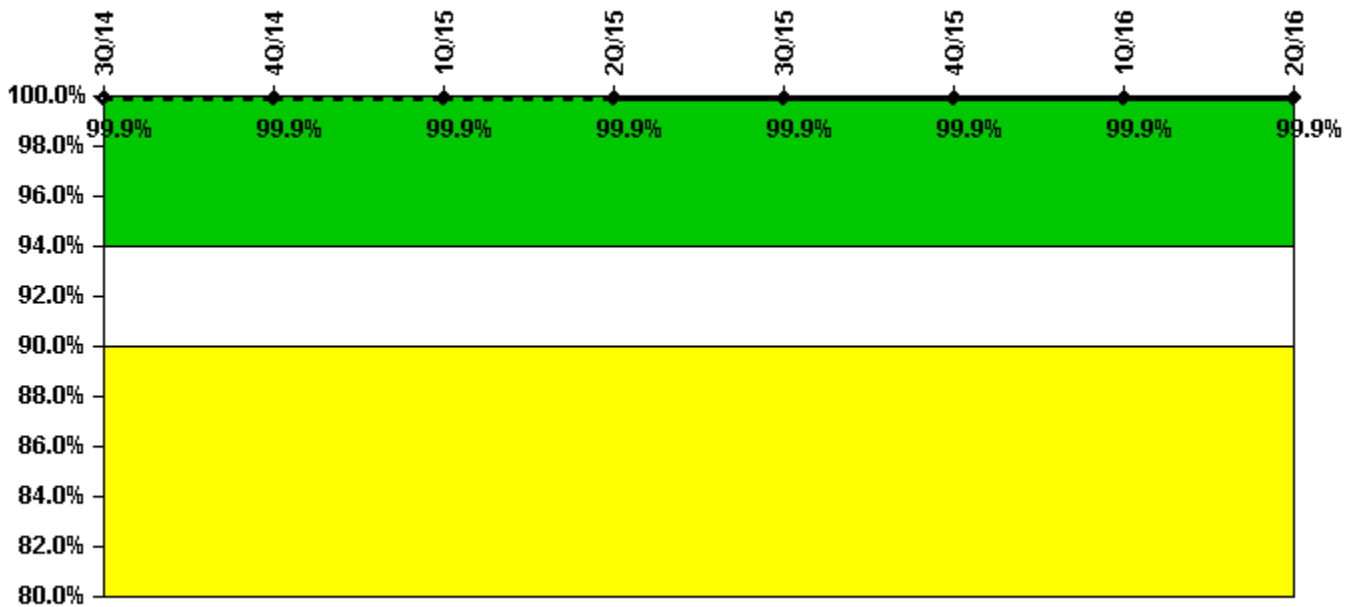
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 77.0 | 74.0 | 76.0 | 76.0 | 78.0 | 78.0 | 72.0 | 74.0 |
| Total Key personnel | 77.0 | 74.0 | 76.0 | 76.0 | 78.0 | 78.0 | 72.0 | 74.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



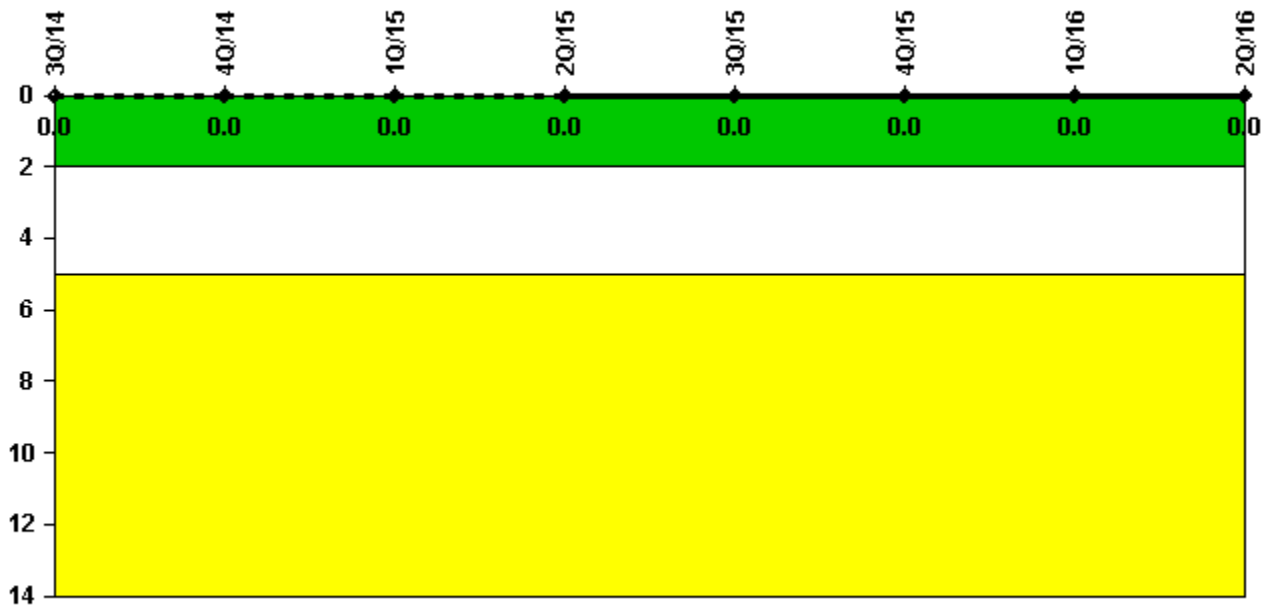
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1258 | 1356 | 1163 | 1260 | 1356 | 1259 | 1261 | 1261 |
| Total sirens-tests | 1261 | 1358 | 1164 | 1261 | 1358 | 1261 | 1261 | 1261 |
| Indicator value | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

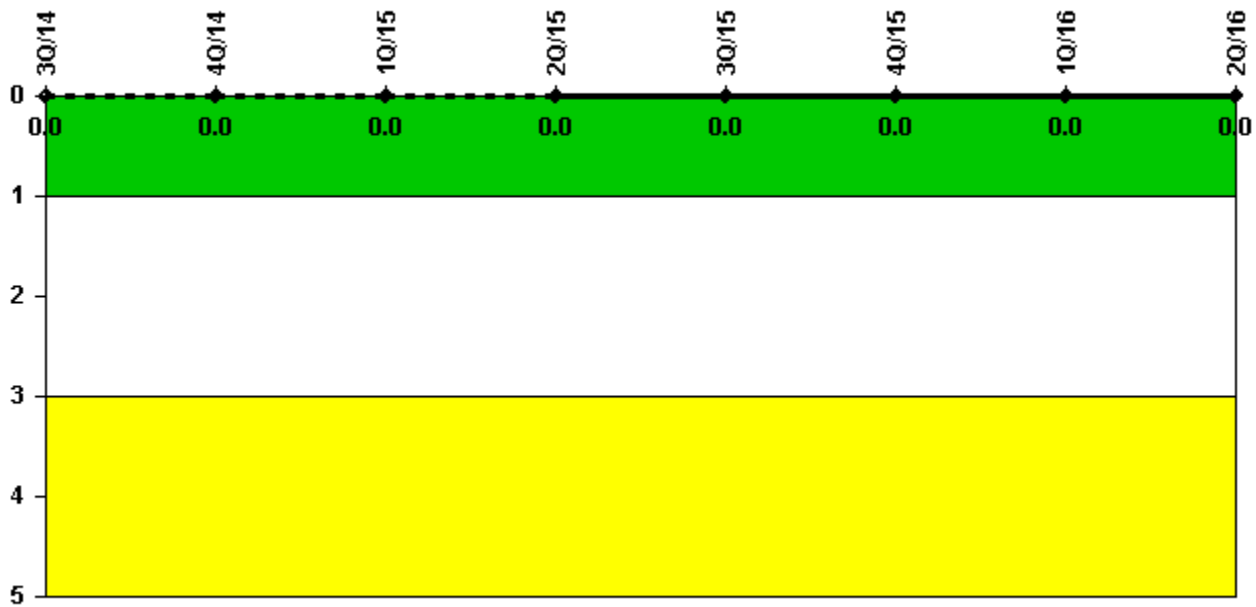
Notes

| Occupational Exposure Control Effectiveness | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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:

3Q/15: Update to remove High Radiation Area Occurrence per NEI reporting criteria. There was no color or threshold change.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 3Q/14 | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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: July 25, 2016

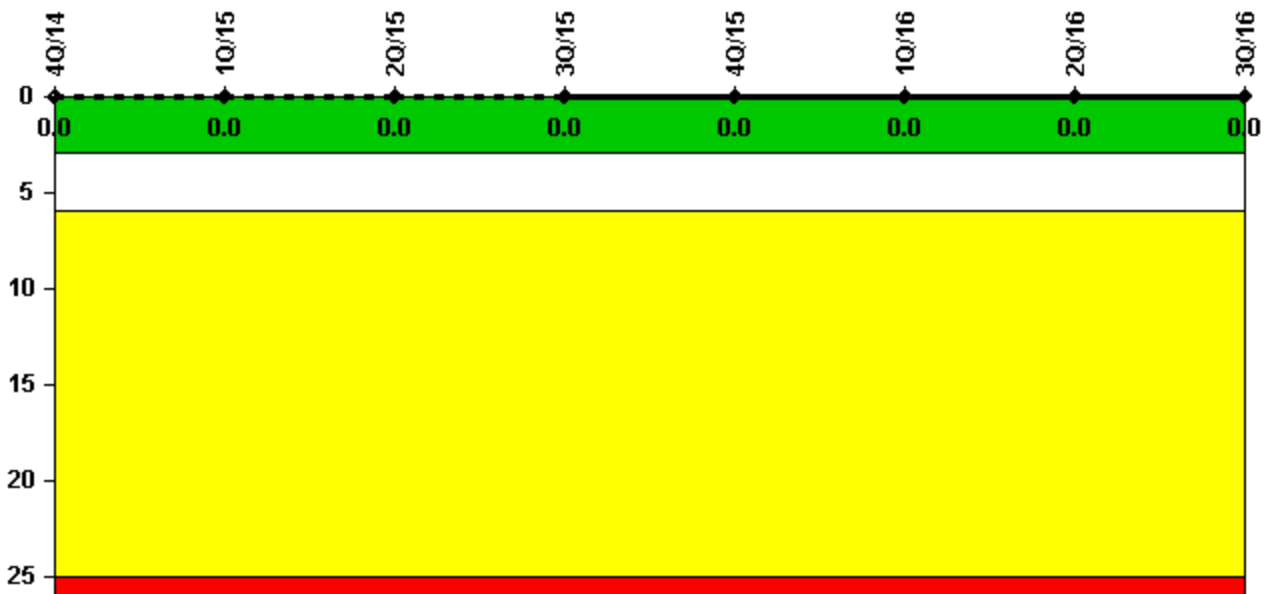
Peach Bottom 2

3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



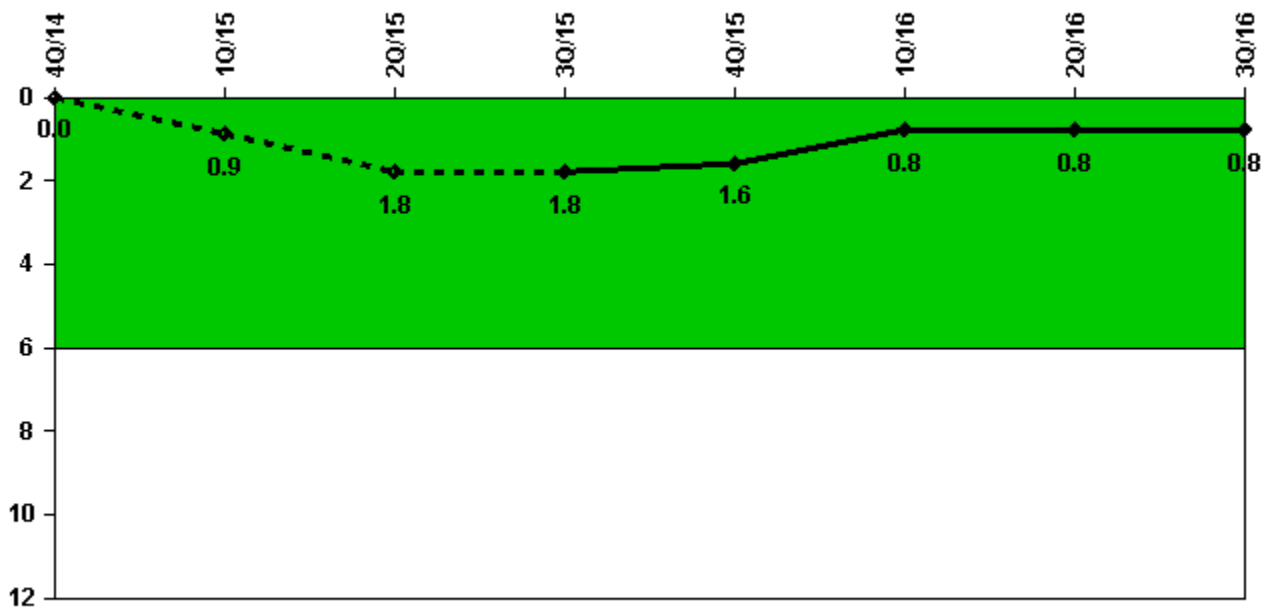
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 1201.5 | 2159.0 | 2184.0 | 2208.0 | 2161.3 | 2183.0 | 2184.0 | 2208.0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



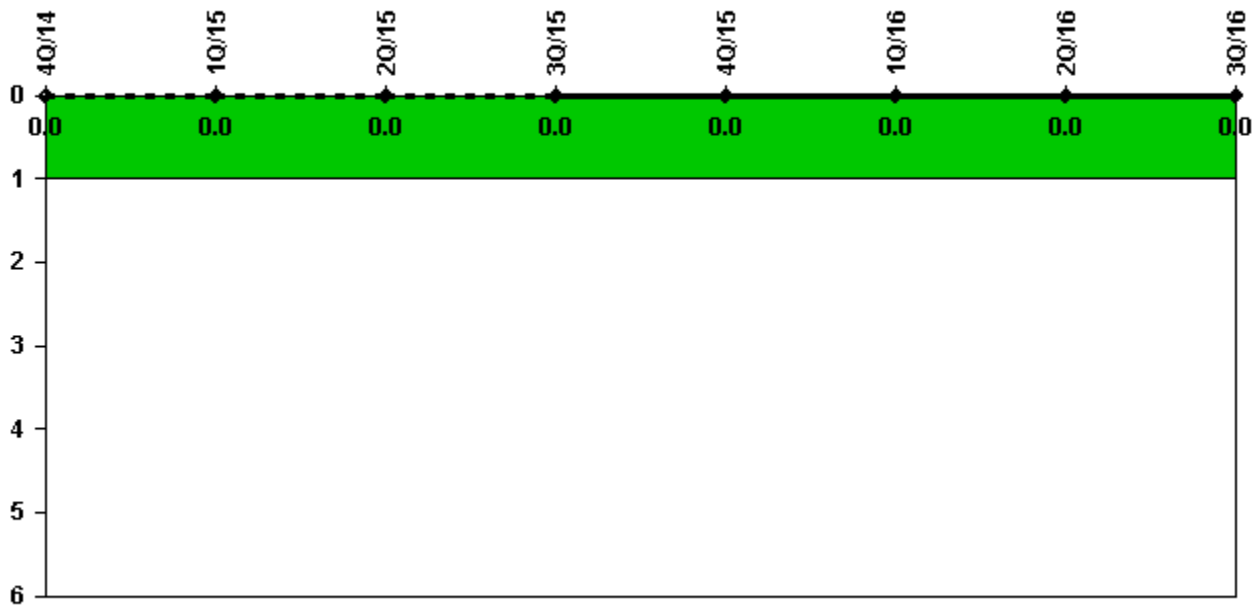
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|---|----------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 0 | 1.0 | 1.0 | 0 | 0 | 0 | 1.0 | 0 |
| Critical hours | 1201.5 | 2159.0 | 2184.0 | 2208.0 | 2161.3 | 2183.0 | 2184.0 | 2208.0 |
| Indicator value | 0 | 0.9 | 1.8 | 1.8 | 1.6 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



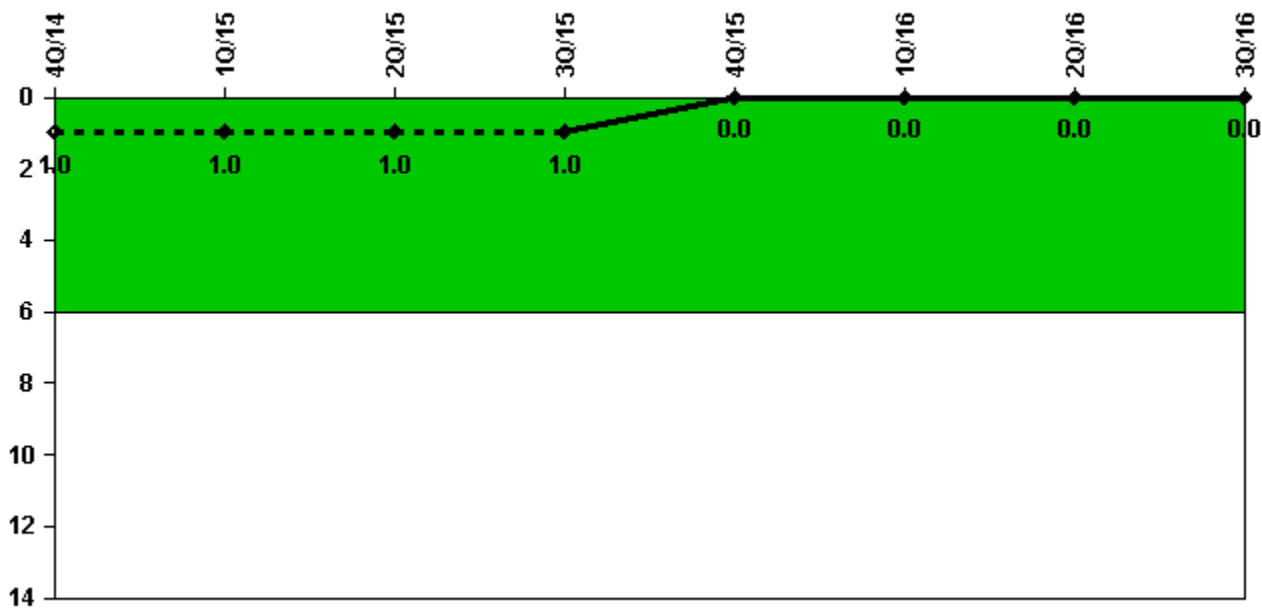
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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

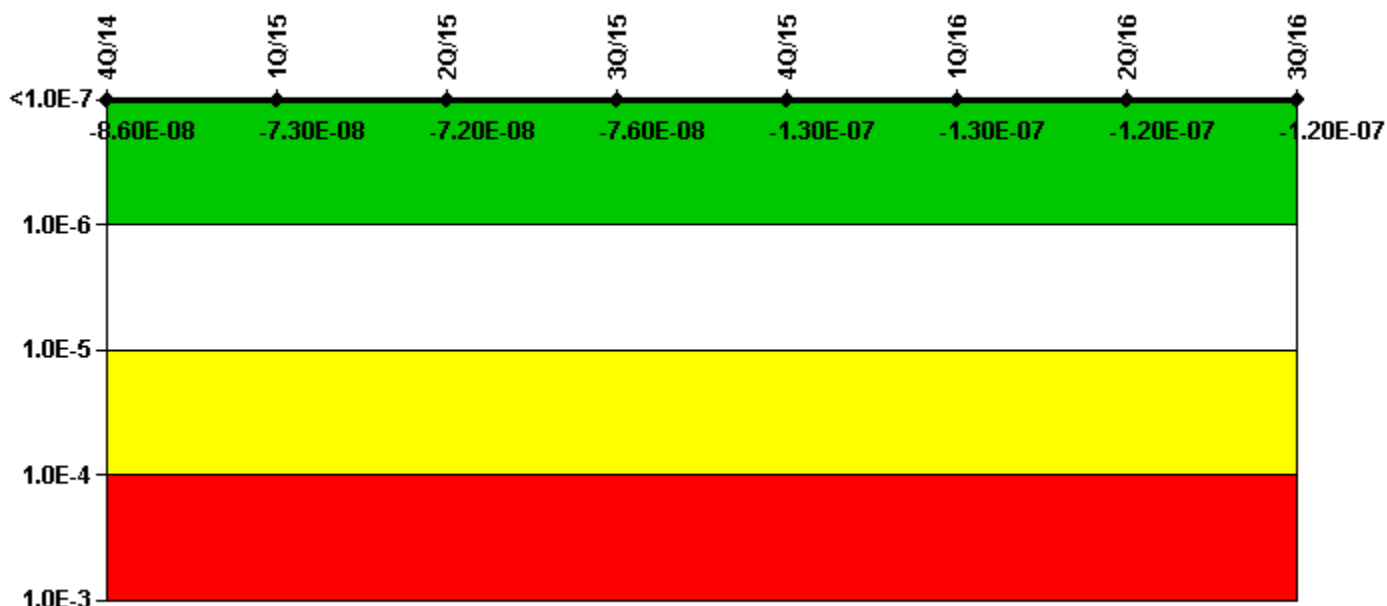
Notes

| Safety System Functional Failures (BWR) | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |

Licensee Comments:

4Q/14: LER 2-14-003 was submitted in December to report a primary containment function being lost due to exceeding the allowable leakage limit.

Mitigating Systems Performance Index, Emergency AC Power System



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

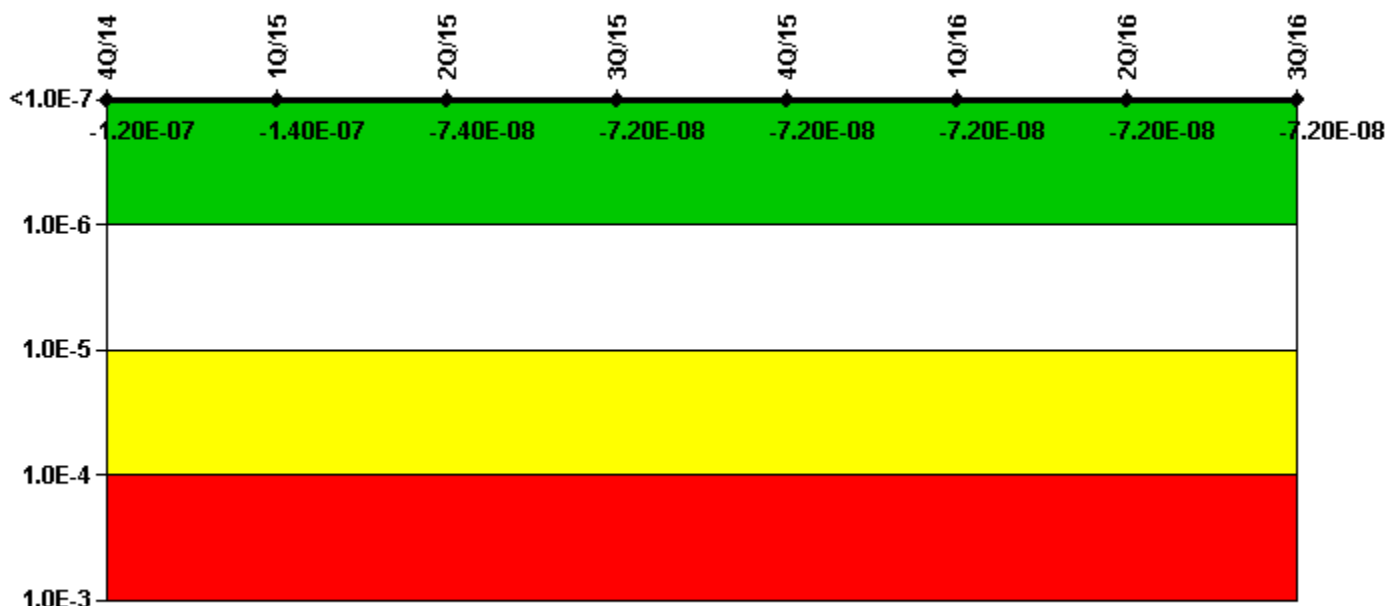
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 1.95E-08 | 3.27E-08 | 7.46E-09 | 4.45E-09 | -1.57E-09 | -5.70E-09 | 4.33E-09 | 1.66E-09 |
| URI (Δ CDF) | -1.06E-07 | -1.06E-07 | -8.00E-08 | -8.08E-08 | -1.26E-07 | -1.25E-07 | -1.26E-07 | -1.24E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -8.60E-08 | -7.30E-08 | -7.20E-08 | -7.60E-08 | -1.30E-07 | -1.30E-07 | -1.20E-07 | -1.20E-07 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, High Pressure Injection System



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

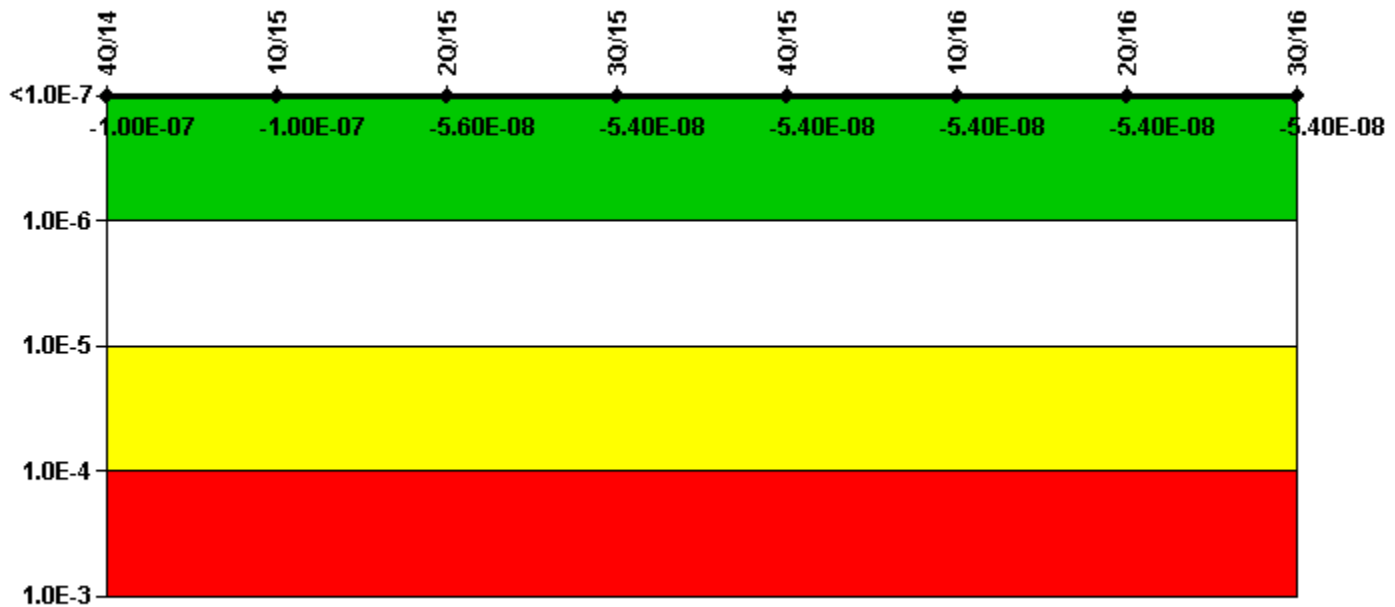
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.63E-08 | -5.30E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 |
| URI (Δ CDF) | -9.37E-08 | -9.10E-08 | -4.51E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.20E-07 | -1.40E-07 | -7.40E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, Heat Removal System



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

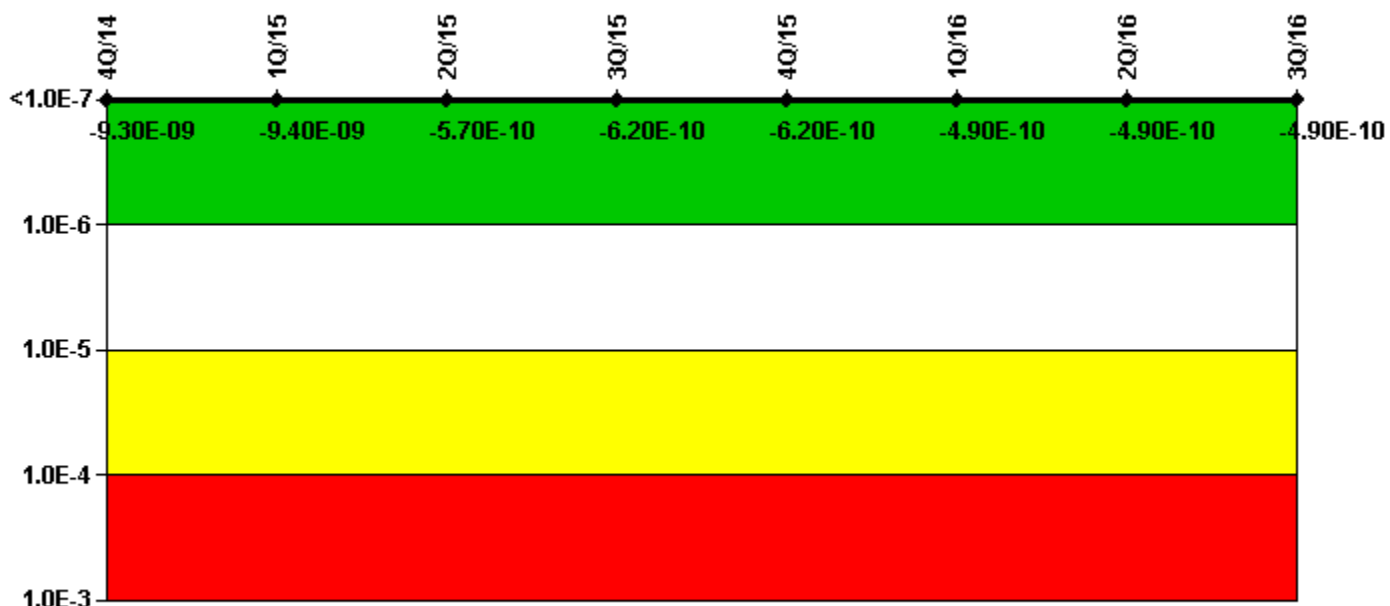
Notes

| Mitigating Systems Performance Index, Heat Removal System | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -3.11E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 |
| URI (Δ CDF) | -7.13E-08 | -6.91E-08 | -3.76E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.00E-07 | -1.00E-07 | -5.60E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

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/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -2.86E-10 | -3.70E-10 | -8.65E-11 | -1.34E-10 | -1.35E-10 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| URI (Δ CDF) | -9.03E-09 | -9.03E-09 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -9.30E-09 | -9.40E-09 | -5.70E-10 | -6.20E-10 | -6.20E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of RHR to 4 trains. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

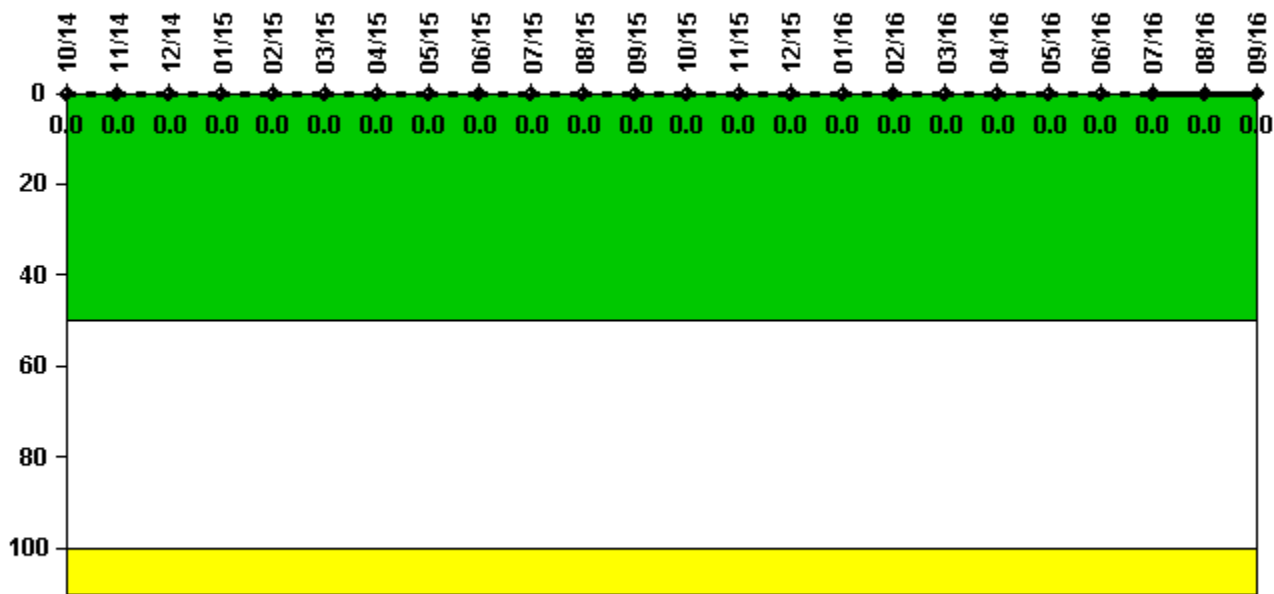
| Mitigating Systems Performance Index, Cooling Water Systems | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| UAI (Δ CDF) | 5.30E-09 | 4.22E-09 | 5.66E-09 | 5.32E-09 | 5.99E-09 | 5.57E-09 | 5.40E-09 | 5.44E-09 |
| URI (Δ CDF) | -1.03E-09 | -1.03E-09 | -2.35E-09 | -2.35E-09 | -2.35E-09 | -2.35E-09 | 5.18E-10 | 3.39E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 4.30E-09 | 3.20E-09 | 3.30E-09 | 3.00E-09 | 3.60E-09 | 3.20E-09 | 5.90E-09 | 8.80E-09 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

4Q/14: Changed PRA Parameter(s). Change from monitoring 2 trains of HPSW to 4 segments. Corresponding PRA values revised to reflect the change in train boundaries as documented in the MSPI Basis Document Rev 9.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

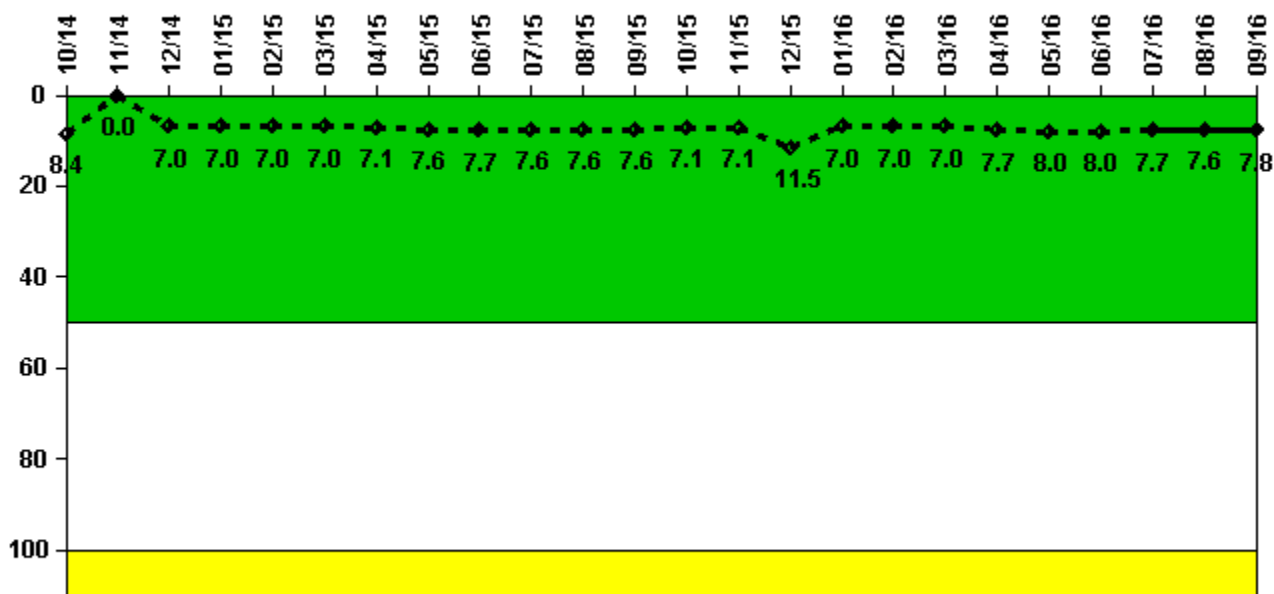
Notes

| Reactor Coolant System Activity | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 |
|---------------------------------|----------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000019 | 0 | 0.000025 | 0.000021 | 0.000020 | 0.000019 | 0.000018 | 0.000022 | 0.000022 | 0.000019 | 0.000020 | 0.000020 |
| 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 | 10/15 | 11/15 | 12/15 | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 | 7/16 | 8/16 | 9/16 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000025 | 0.000021 | 0.000023 | 0.000023 | 0.000025 | 0.000020 | 0.000021 | 0.000038 | 0.000026 | 0.000030 | 0.000026 | 0.000026 |
| 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

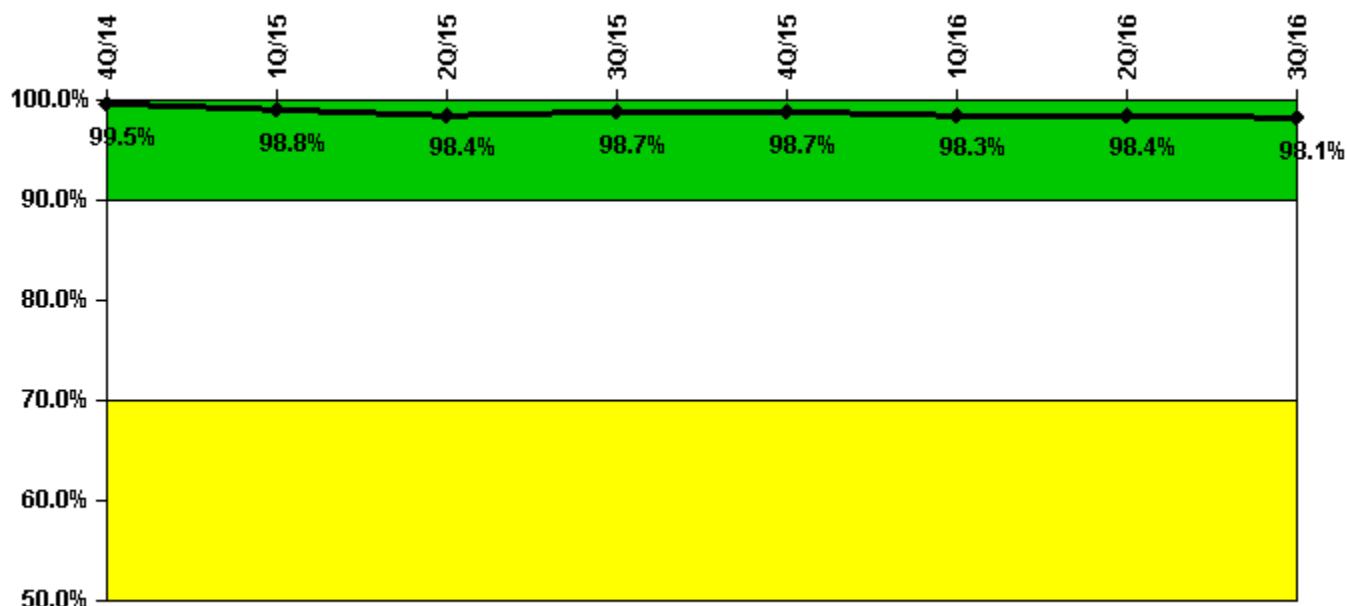
Notes

| Reactor Coolant System Leakage | 10/14 | 11/14 | 12/14 | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 2.090 | 0 | 1.740 | 1.750 | 1.750 | 1.750 | 1.770 | 1.900 | 1.920 | 1.900 | 1.890 | 1.890 |
| 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 | 8.4 | 0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.1 | 7.6 | 7.7 | 7.6 | 7.6 | 7.6 |

| Reactor Coolant System Leakage | 10/15 | 11/15 | 12/15 | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 | 7/16 | 8/16 | 9/16 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.780 | 1.780 | 2.880 | 1.750 | 1.750 | 1.750 | 1.930 | 2.000 | 2.000 | 1.930 | 1.890 | 1.950 |
| 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 | 7.1 | 7.1 | 11.5 | 7.0 | 7.0 | 7.0 | 7.7 | 8.0 | 8.0 | 7.7 | 7.6 | 7.8 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 0 | 102.0 | 43.0 | 10.0 | 30.0 | 80.0 | 72.0 | 23.0 |
| Total opportunities | 0 | 105.0 | 44.0 | 10.0 | 30.0 | 81.0 | 73.0 | 24.0 |
| Indicator value | 99.5% | 98.8% | 98.4% | 98.7% | 98.7% | 98.3% | 98.4% | 98.1% |

Licensee Comments: none

ERO Drill Participation



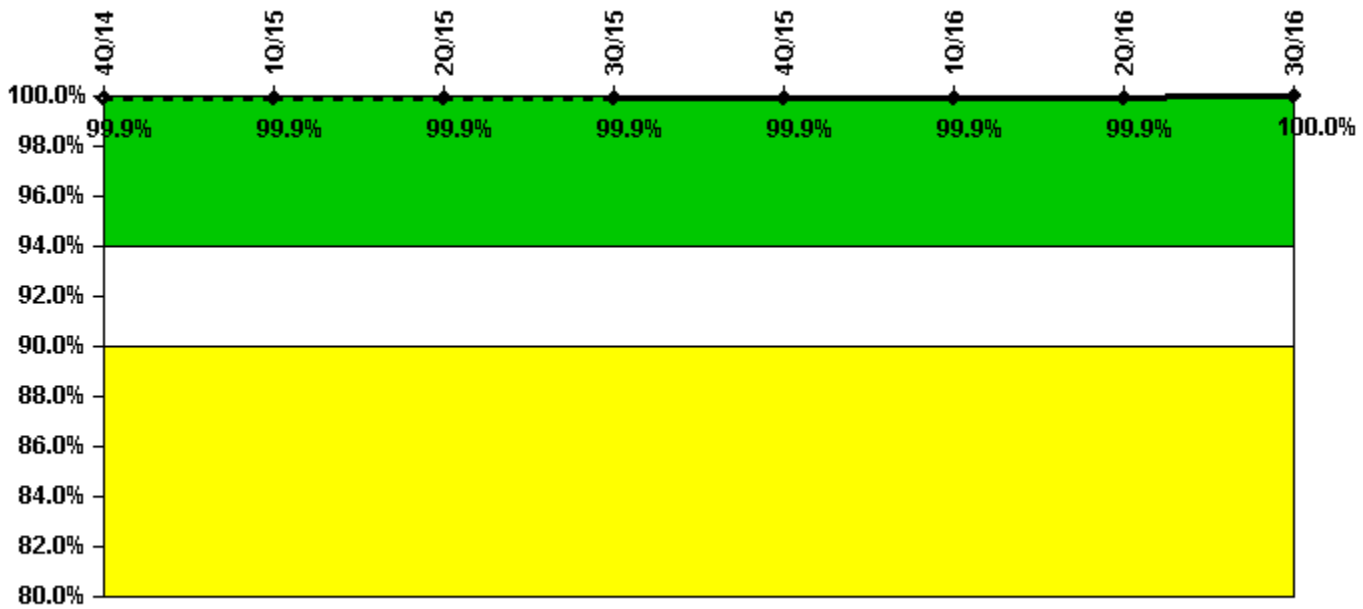
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 74.0 | 76.0 | 76.0 | 78.0 | 78.0 | 72.0 | 74.0 | 75.0 |
| Total Key personnel | 74.0 | 76.0 | 76.0 | 78.0 | 78.0 | 72.0 | 74.0 | 75.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



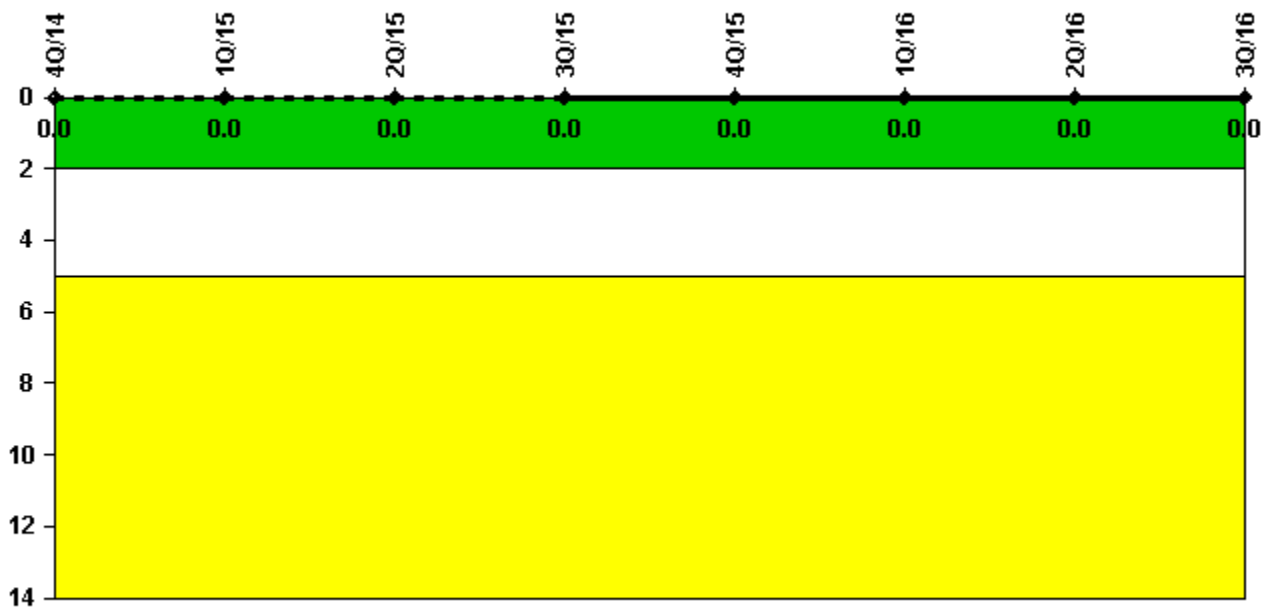
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| Successful siren-tests | 1356 | 1163 | 1260 | 1356 | 1259 | 1261 | 1261 | 1261 |
| Total sirens-tests | 1358 | 1164 | 1261 | 1358 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 100.0% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

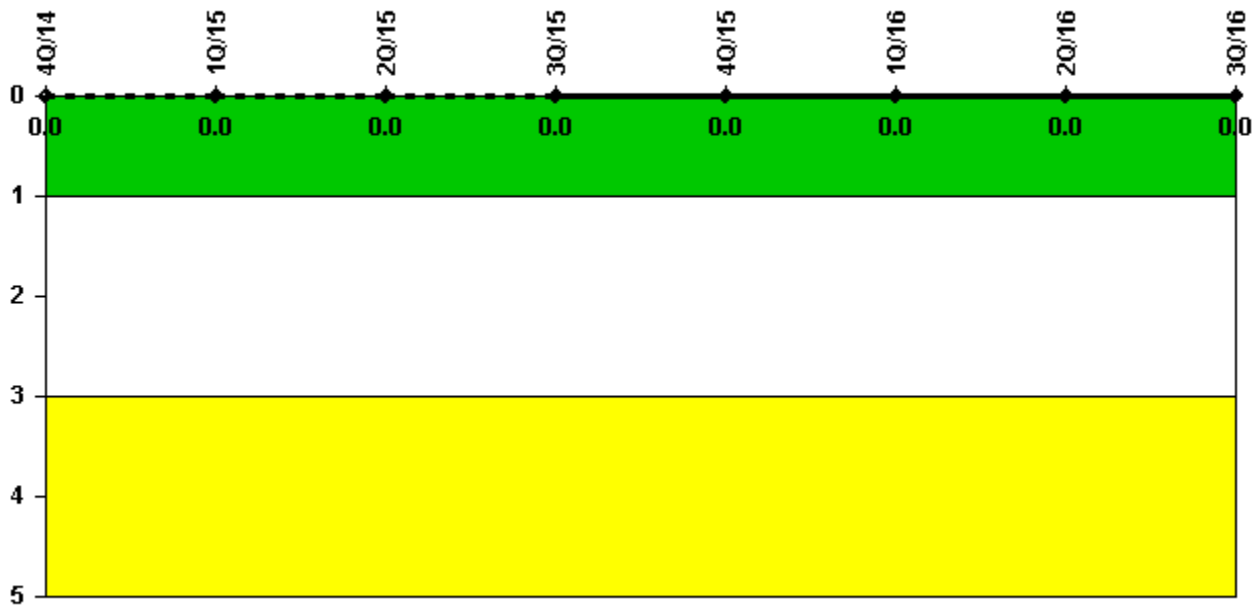
Notes

| Occupational Exposure Control Effectiveness | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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:

3Q/15: Update to remove High Radiation Area Occurrence per NEI reporting criteria. There was no color or threshold change.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 4Q/14 | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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: October 23, 2016

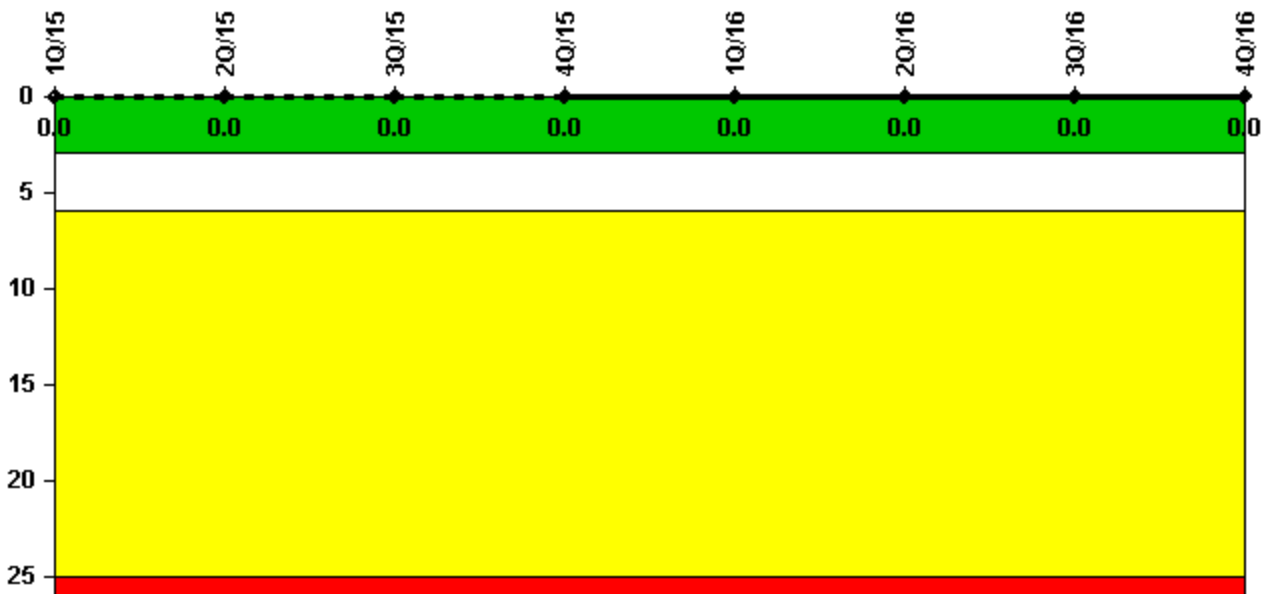
Peach Bottom 2

4Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



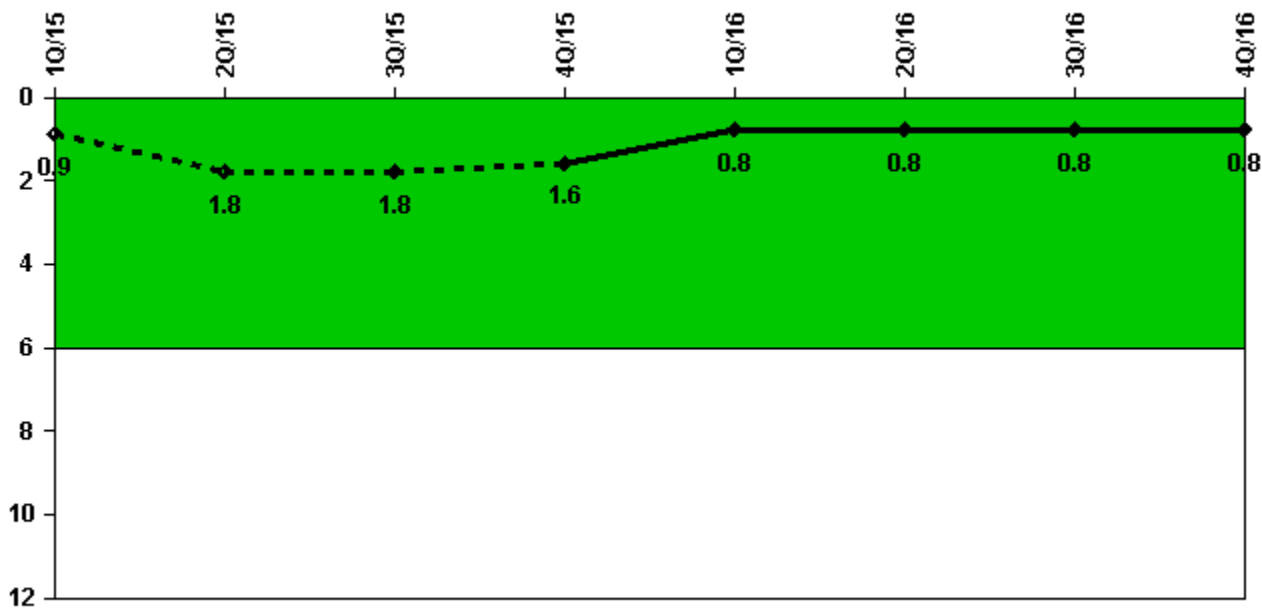
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 2161.3 | 2183.0 | 2184.0 | 2208.0 | 1797.1 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



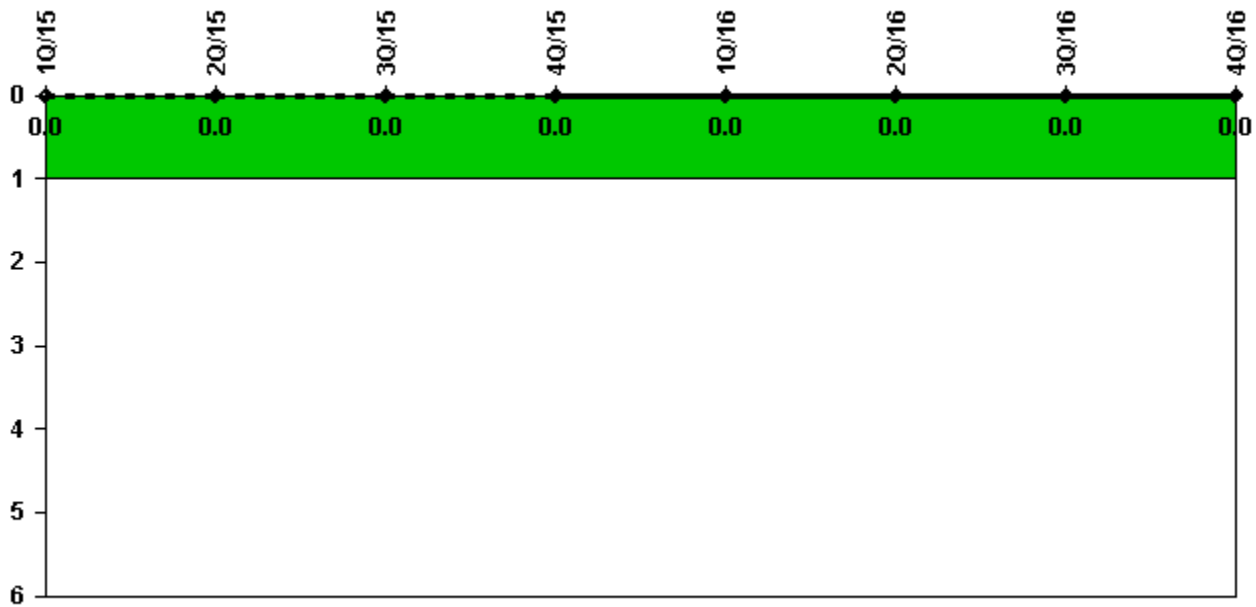
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Unplanned power changes | 1.0 | 1.0 | 0 | 0 | 0 | 1.0 | 0 | 0 |
| Critical hours | 2159.0 | 2184.0 | 2208.0 | 2161.3 | 2183.0 | 2184.0 | 2208.0 | 1797.1 |
| Indicator value | 0.9 | 1.8 | 1.8 | 1.6 | 0.8 | 0.8 | 0.8 | 0.8 |

Licensee Comments: none

Unplanned Scrams with Complications



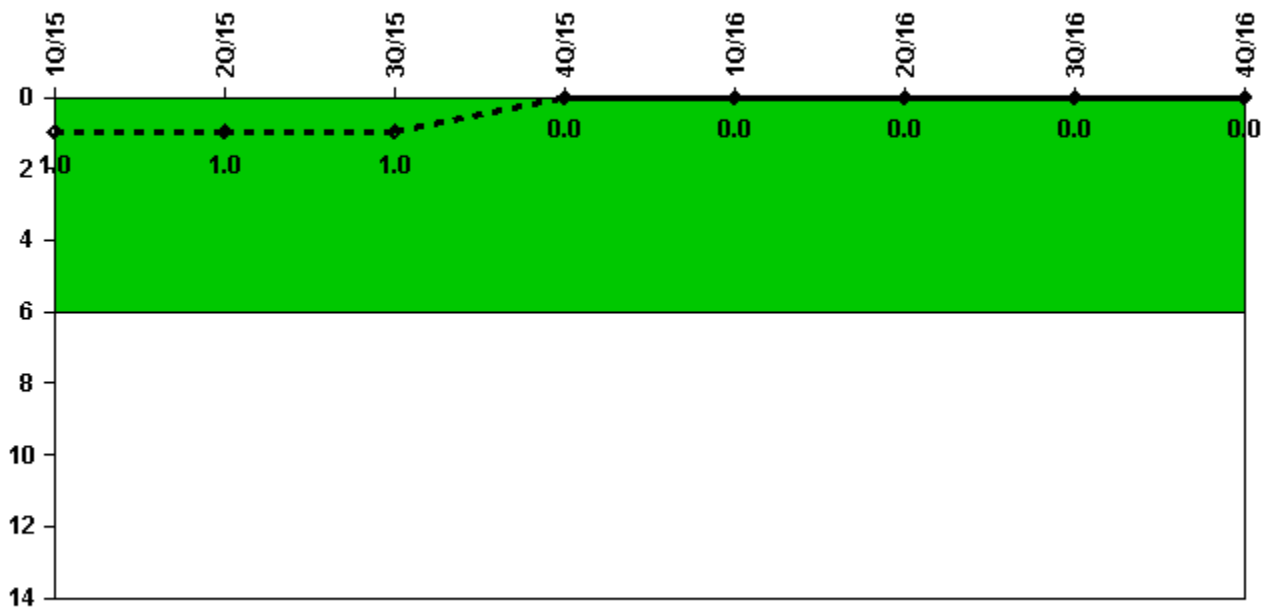
Thresholds: White > 1.0

Notes

| Unplanned Scrams with Complications | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 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)



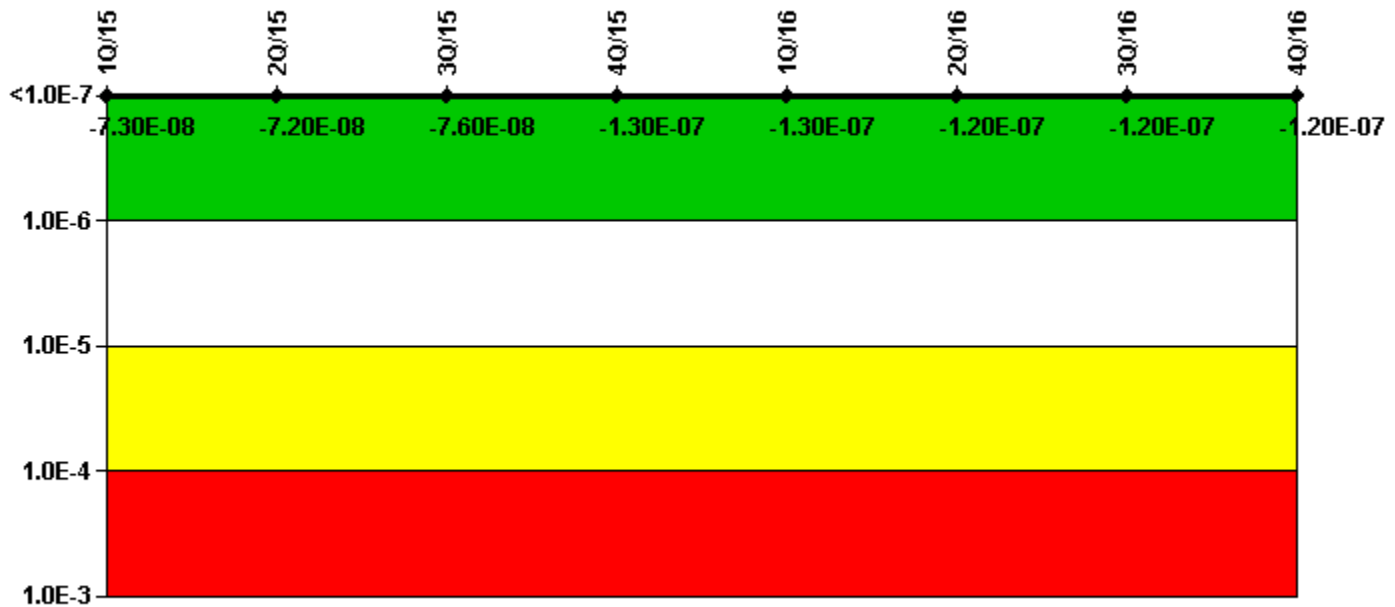
Thresholds: White > 6.0

Notes

| Safety System Functional Failures (BWR) | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| Safety System Functional Failures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 1 | 1 | 1 | 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

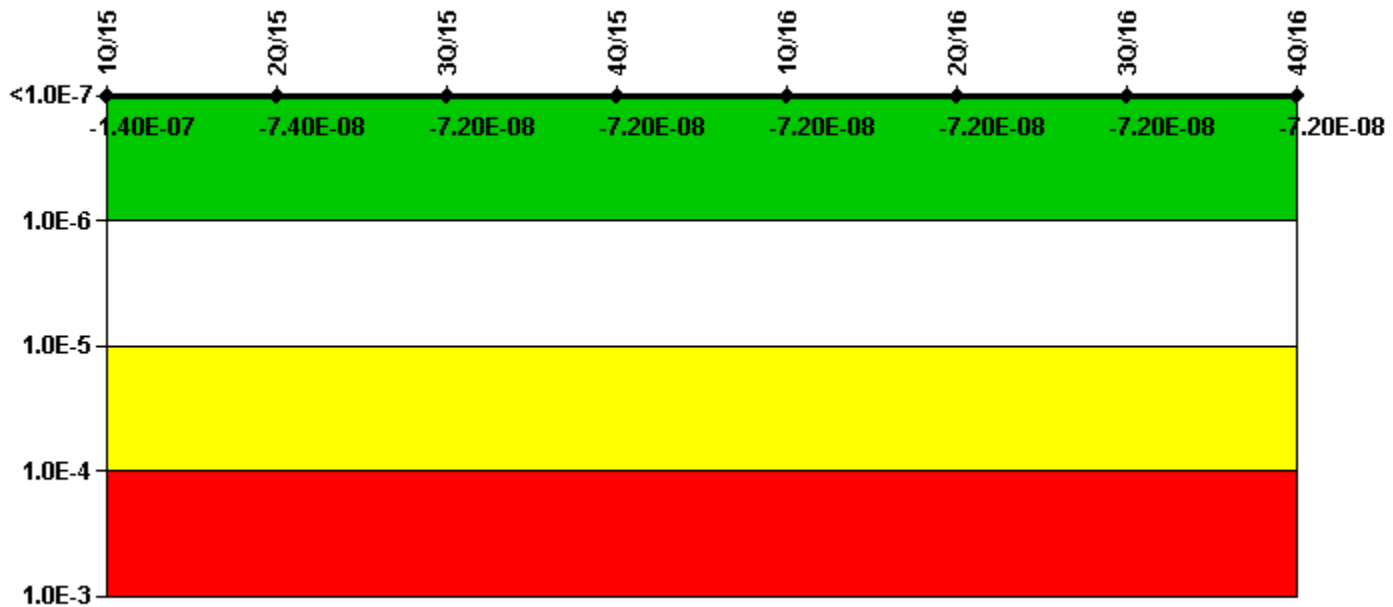
Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | 3.27E-08 | 7.46E-09 | 4.45E-09 | -1.57E-09 | -5.70E-09 | 4.33E-09 | 1.66E-09 | 4.04E-09 |
| URI (Δ CDF) | -1.06E-07 | -8.00E-08 | -8.08E-08 | -1.26E-07 | -1.25E-07 | -1.26E-07 | -1.24E-07 | -1.27E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.30E-08 | -7.20E-08 | -7.60E-08 | -1.30E-07 | -1.30E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, High Pressure Injection System



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

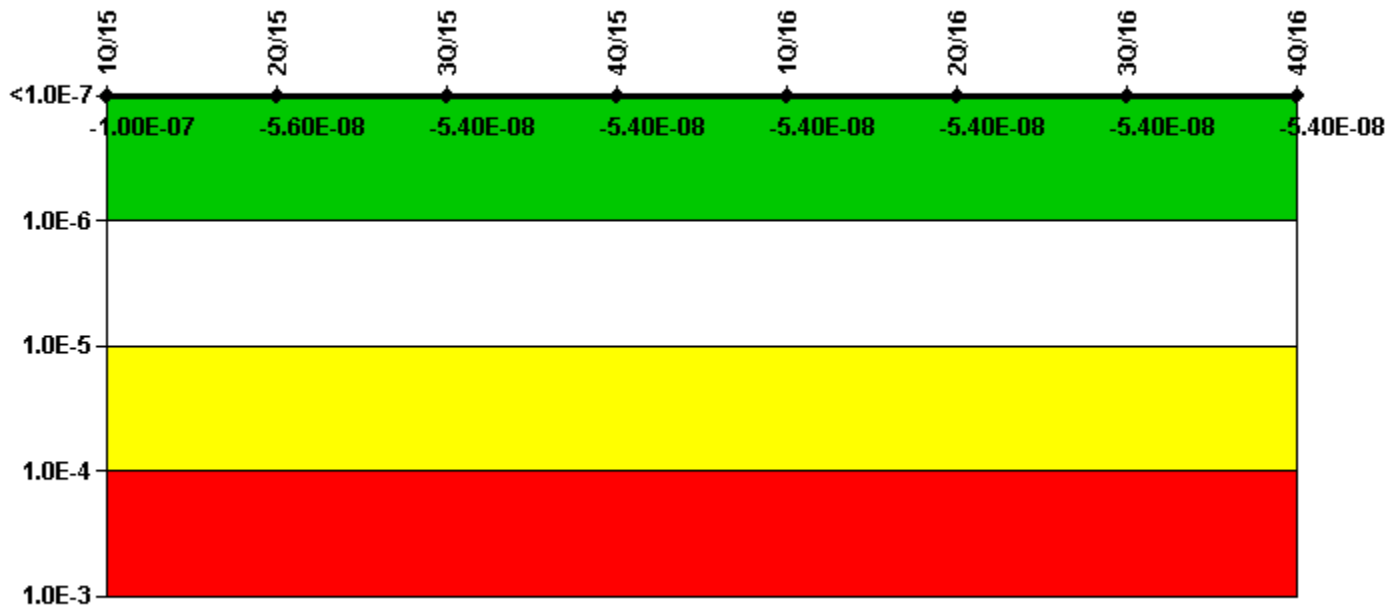
Notes

| Mitigating Systems Performance Index, High Pressure Injection System | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -5.30E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 |
| URI (Δ CDF) | -9.10E-08 | -4.51E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.40E-07 | -7.40E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, Heat Removal System



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

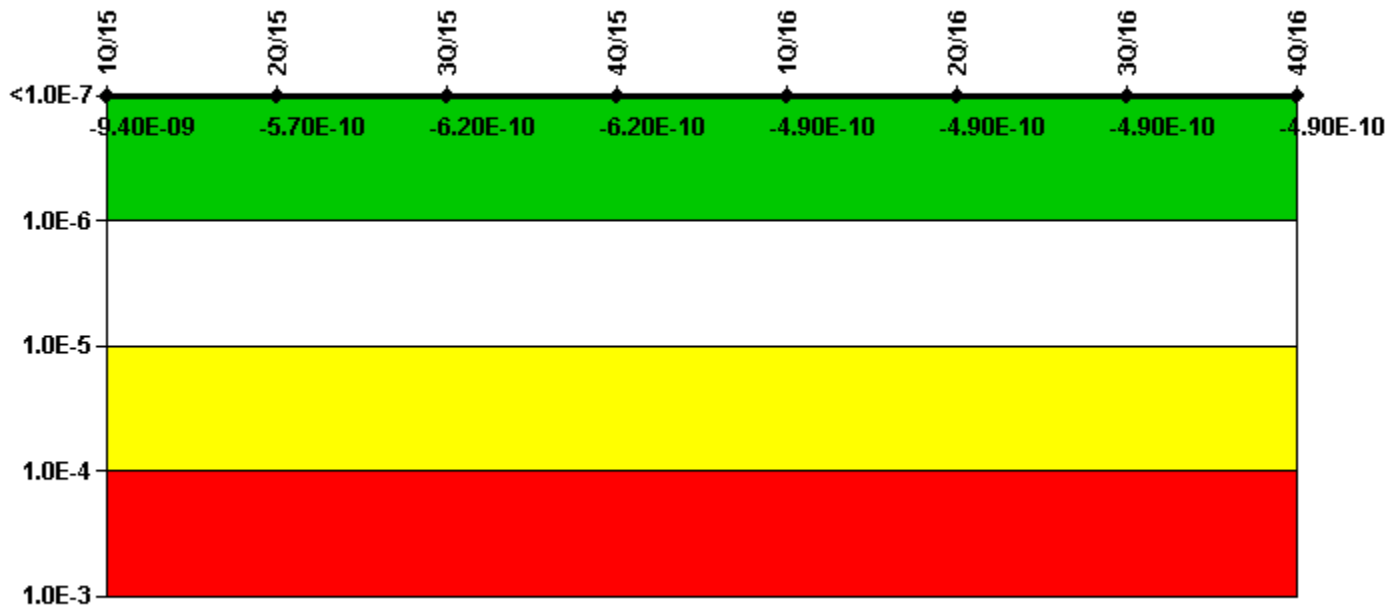
Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.11E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 |
| URI (Δ CDF) | -6.91E-08 | -3.76E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.00E-07 | -5.60E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, Residual Heat Removal System



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

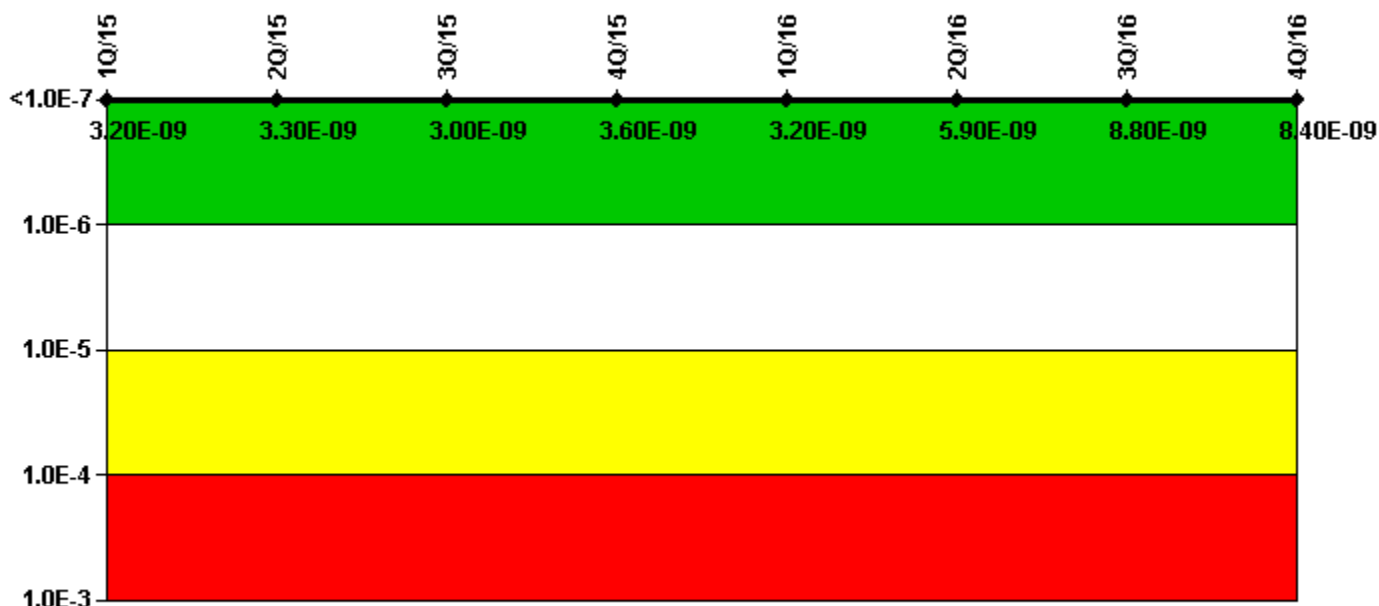
Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.70E-10 | -8.65E-11 | -1.34E-10 | -1.35E-10 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| URI (Δ CDF) | -9.03E-09 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -9.40E-09 | -5.70E-10 | -6.20E-10 | -6.20E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Mitigating Systems Performance Index, Cooling Water Systems



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

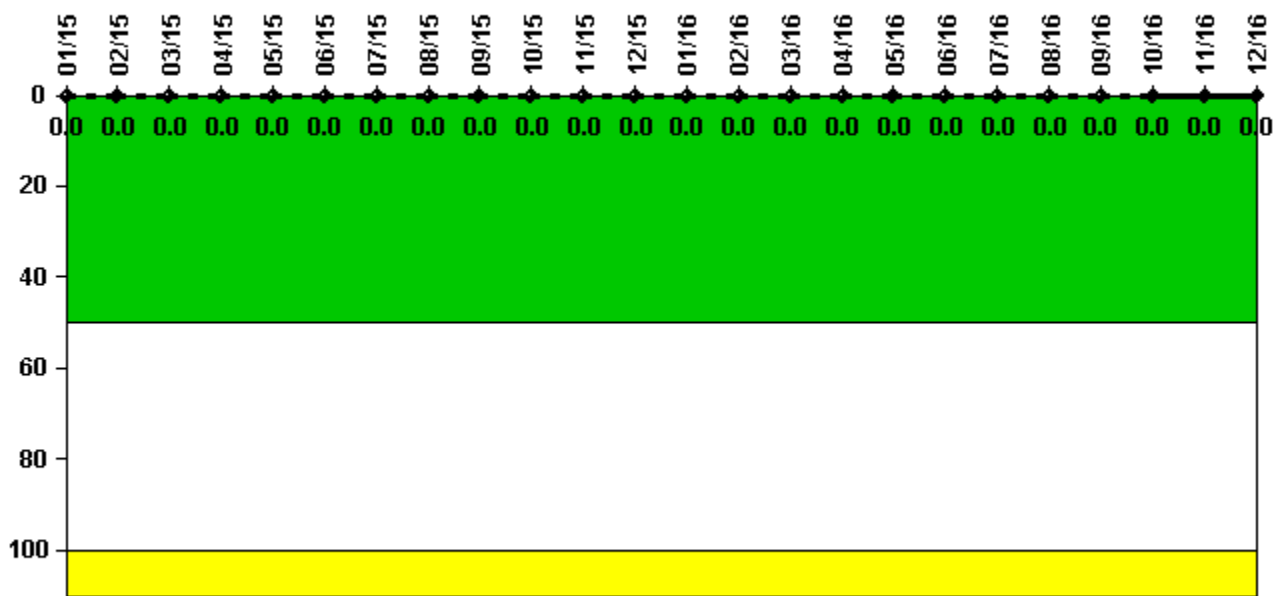
Notes

| Mitigating Systems Performance Index, Cooling Water Systems | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|---|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|
| UAI (Δ CDF) | 4.22E-09 | 5.66E-09 | 5.32E-09 | 5.99E-09 | 5.57E-09 | 5.40E-09 | 5.44E-09 | 5.14E-09 |
| URI (Δ CDF) | -1.03E-09 | -2.35E-09 | -2.35E-09 | -2.35E-09 | -2.35E-09 | 5.18E-10 | 3.39E-09 | 3.26E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 3.20E-09 | 3.30E-09 | 3.00E-09 | 3.60E-09 | 3.20E-09 | 5.90E-09 | 8.80E-09 | 8.40E-09 |

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Reactor Coolant System Activity



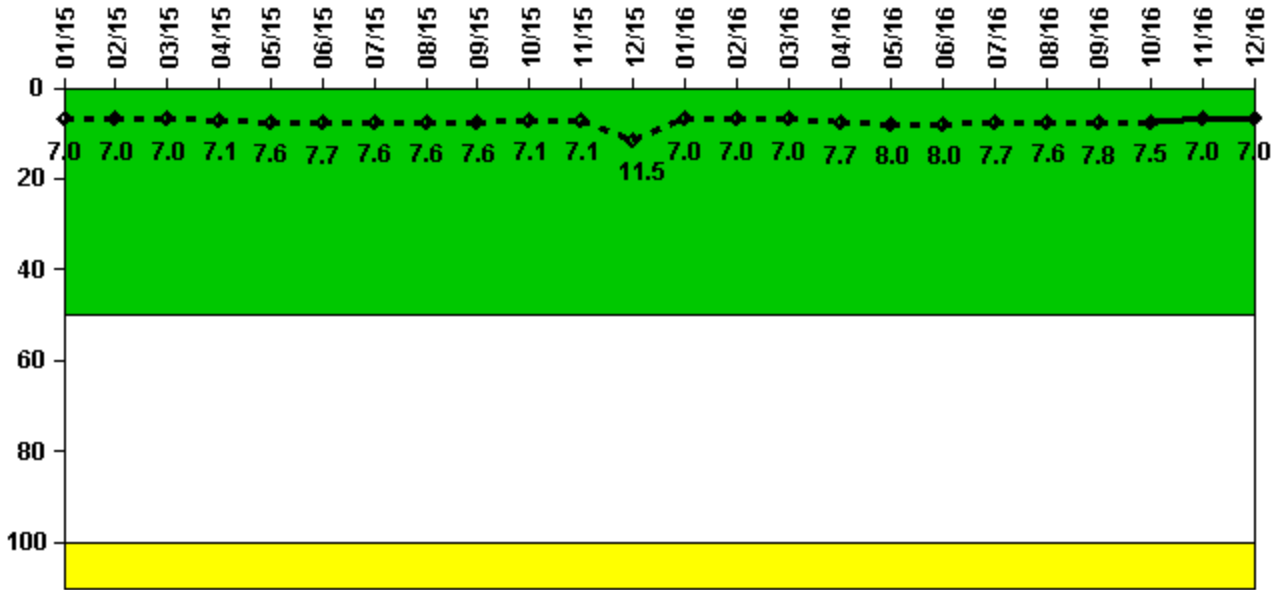
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Activity | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000021 | 0.000020 | 0.000019 | 0.000018 | 0.000022 | 0.000022 | 0.000019 | 0.000020 | 0.000020 | 0.000025 | 0.000021 | 0.000023 |
| 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 | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 | 7/16 | 8/16 | 9/16 | 10/16 | 11/16 | 12/16 |
| Maximum activity | 0.000023 | 0.000025 | 0.000020 | 0.000021 | 0.000038 | 0.000026 | 0.000030 | 0.000026 | 0.000026 | 0.000023 | 0.000018 | 0.000020 |
| 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



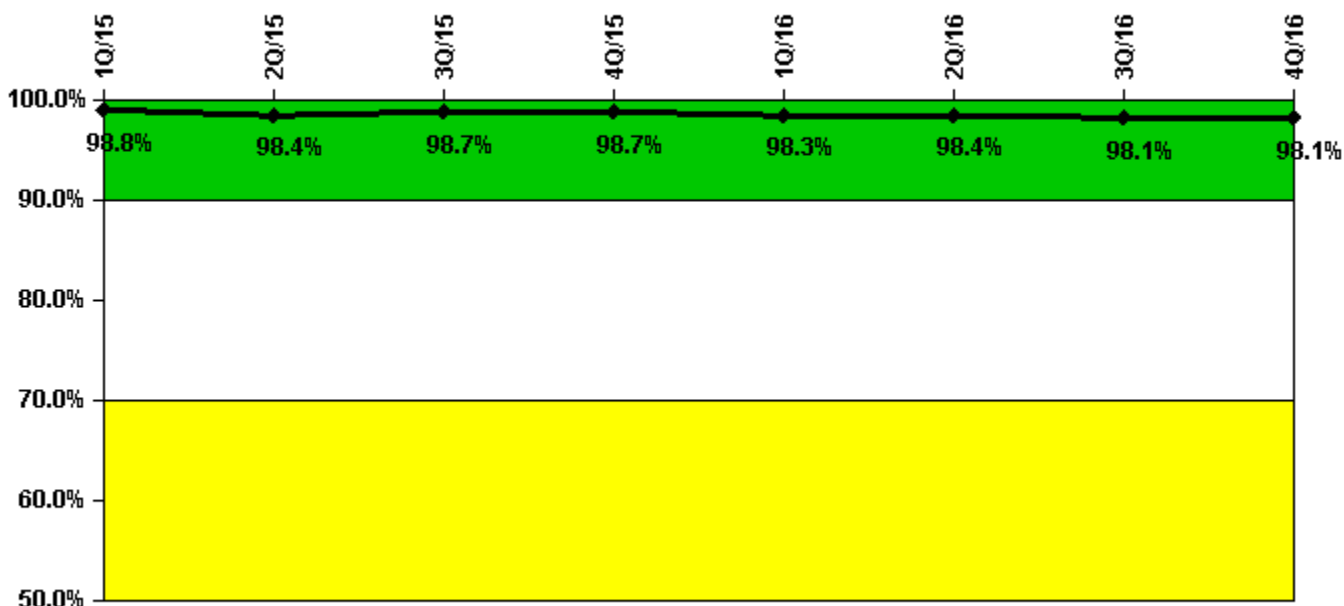
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 1/15 | 2/15 | 3/15 | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.750 | 1.750 | 1.750 | 1.770 | 1.900 | 1.920 | 1.900 | 1.890 | 1.890 | 1.780 | 1.780 | 2.880 |
| 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 | 7.0 | 7.0 | 7.0 | 7.1 | 7.6 | 7.7 | 7.6 | 7.6 | 7.6 | 7.1 | 7.1 | 11.5 |
| Reactor Coolant System Leakage | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 | 7/16 | 8/16 | 9/16 | 10/16 | 11/16 | 12/16 |
| Maximum leakage | 1.750 | 1.750 | 1.750 | 1.930 | 2.000 | 2.000 | 1.930 | 1.890 | 1.950 | 1.880 | 1.740 | 1.750 |
| 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 | 7.0 | 7.0 | 7.0 | 7.7 | 8.0 | 8.0 | 7.7 | 7.6 | 7.8 | 7.5 | 7.0 | 7.0 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 102.0 | 43.0 | 10.0 | 30.0 | 80.0 | 76.0 | 23.0 | 7.0 |
| Total opportunities | 105.0 | 44.0 | 10.0 | 30.0 | 81.0 | 77.0 | 24.0 | 7.0 |
| Indicator value | 98.8% | 98.4% | 98.7% | 98.7% | 98.3% | 98.4% | 98.1% | 98.1% |

Licensee Comments:

2Q/16: Error in data reporting. Does not affect color indicator.

ERO Drill Participation



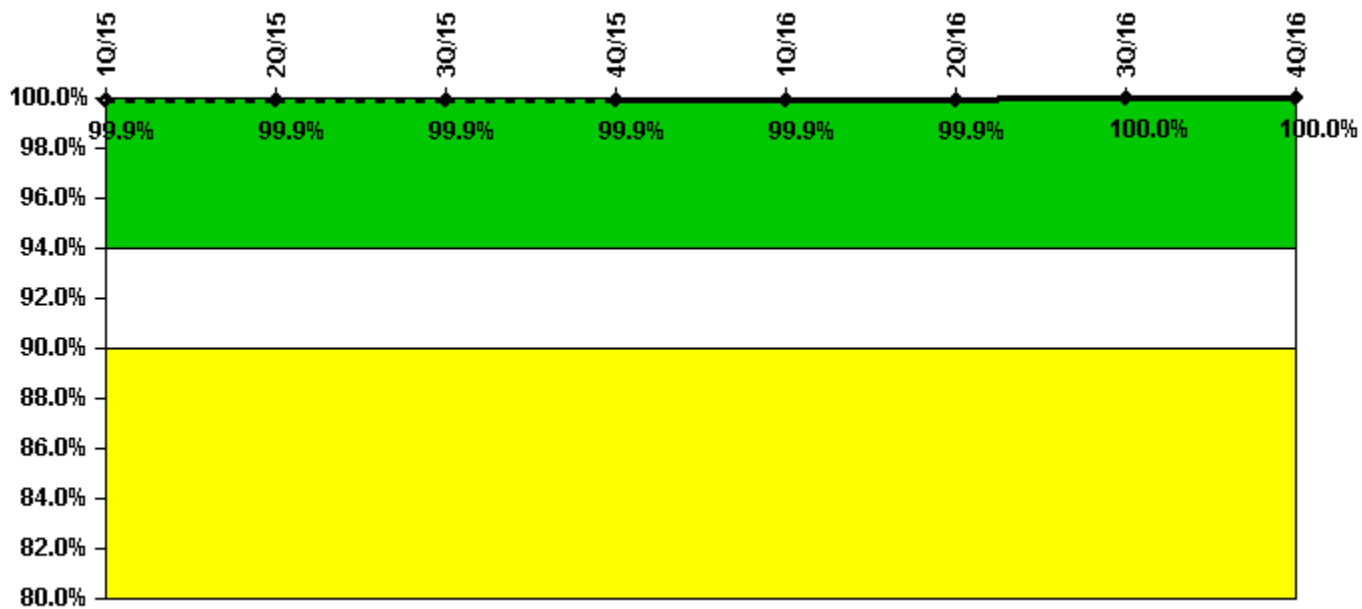
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Participating Key personnel | 76.0 | 76.0 | 78.0 | 78.0 | 72.0 | 74.0 | 75.0 | 72.0 |
| Total Key personnel | 76.0 | 76.0 | 78.0 | 78.0 | 72.0 | 74.0 | 75.0 | 72.0 |
| Indicator value | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Licensee Comments: none

Alert & Notification System



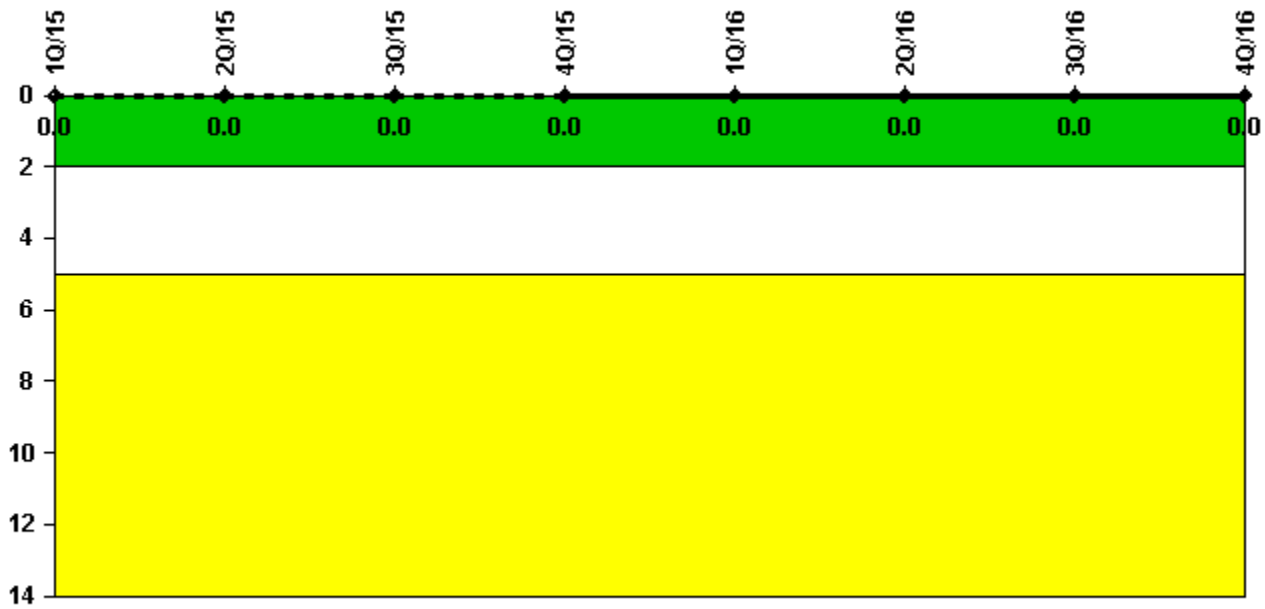
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|-----------------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| Successful siren-tests | 1163 | 1260 | 1356 | 1259 | 1261 | 1261 | 1261 | 1261 |
| Total sirens-tests | 1164 | 1261 | 1358 | 1261 | 1261 | 1261 | 1261 | 1261 |
| Indicator value | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 99.9% | 100.0% | 100.0% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

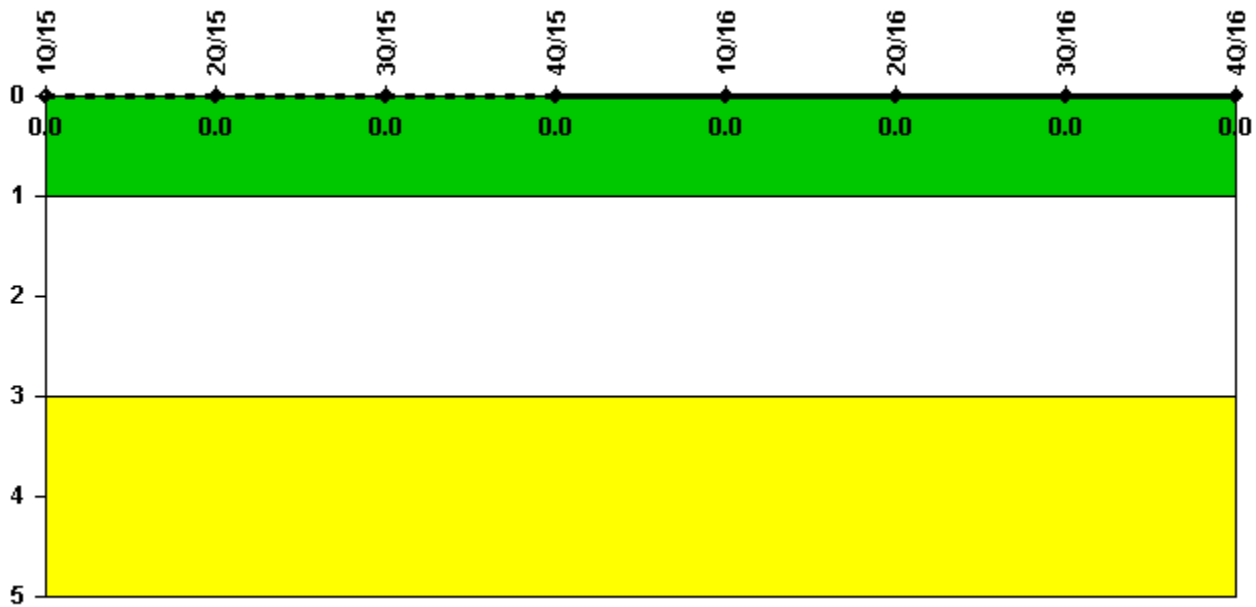
Notes

| Occupational Exposure Control Effectiveness | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|
| 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:

3Q/15: Update to remove High Radiation Area Occurrence per NEI reporting criteria. There was no color or threshold change.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

| RETS/ODCM Radiological Effluent | 1Q/15 | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| RETS/ODCM occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 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: January 24, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries> Peach Bottom 2 > Quarterly Performance Indicators

Peach Bottom 2 – Quarterly Performance Indicators

1Q/2017 Performance Indicators

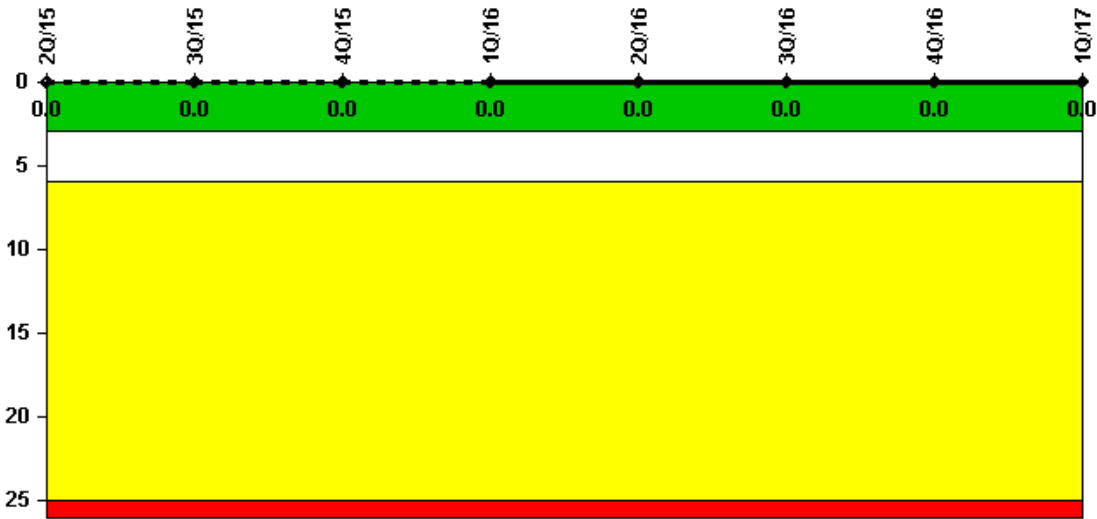
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

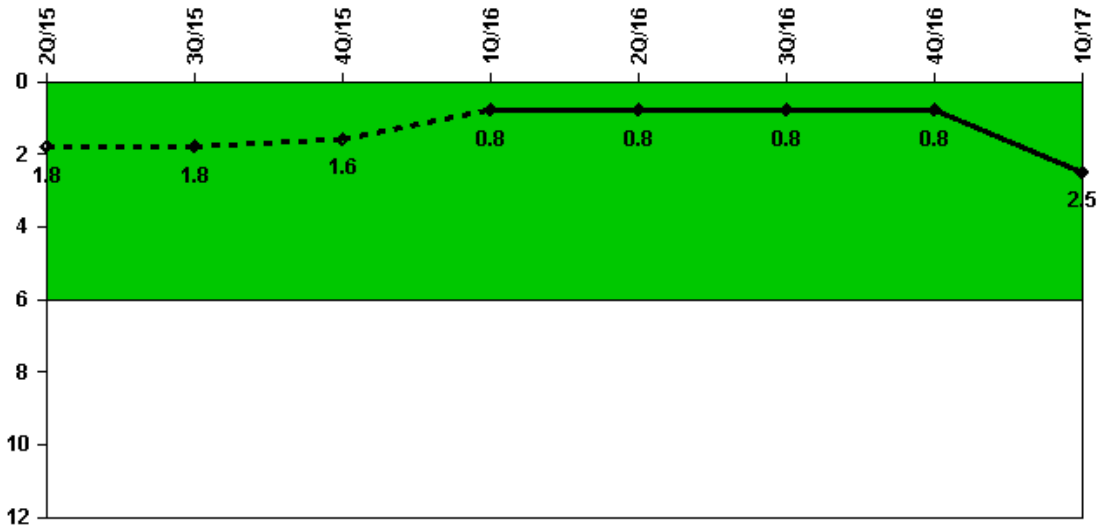
| Unplanned Scrams per 7000 Critical Hrs | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2184.0 | 2208.0 | 2161.3 | 2183.0 | 2184.0 | 2208.0 | 1797.1 | 2159.0 |

| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------|---|---|---|---|---|---|---|---|
|-----------------|---|---|---|---|---|---|---|---|

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

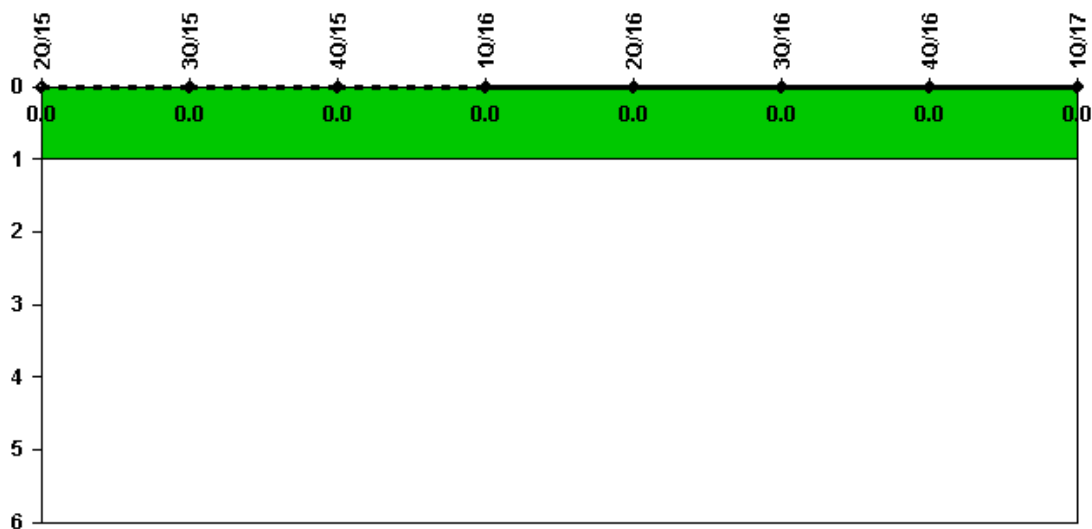
| Unplanned Power Changes per 7000 Critical Hrs | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 1.0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 2.0 |
| Critical hours | 2184.0 | 2208.0 | 2161.3 | 2183.0 | 2184.0 | 2208.0 | 1797.1 | 2159.0 |

| | | | | | | | | |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Indicator value | 1.8 | 1.8 | 1.6 | 0.8 | 0.8 | 0.8 | 0.8 | 2.5 |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|

▲ TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

Notes

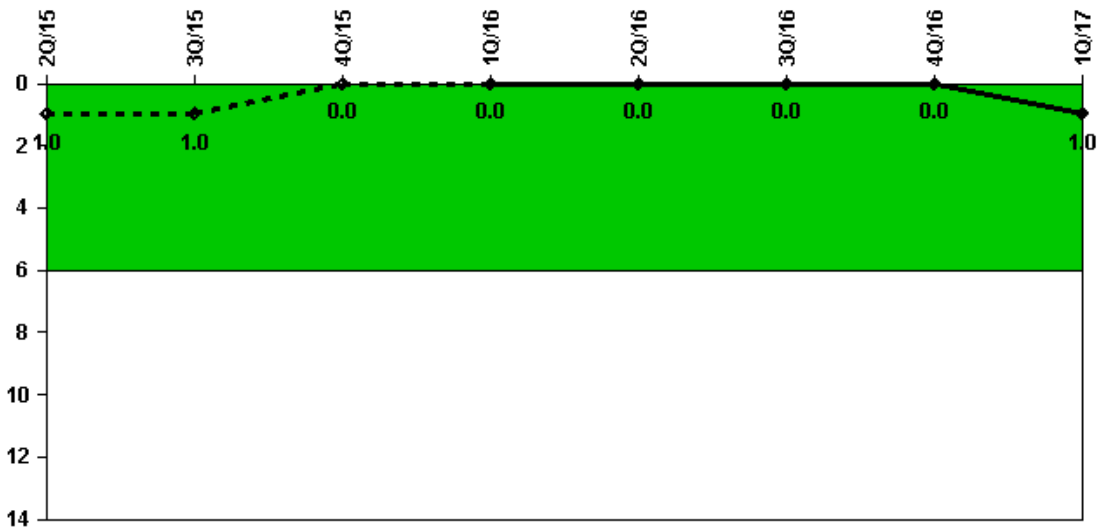
| Unplanned Scrams with Complications | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Scrams with complications | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Indicator value | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|

▲ TOP

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR) 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17

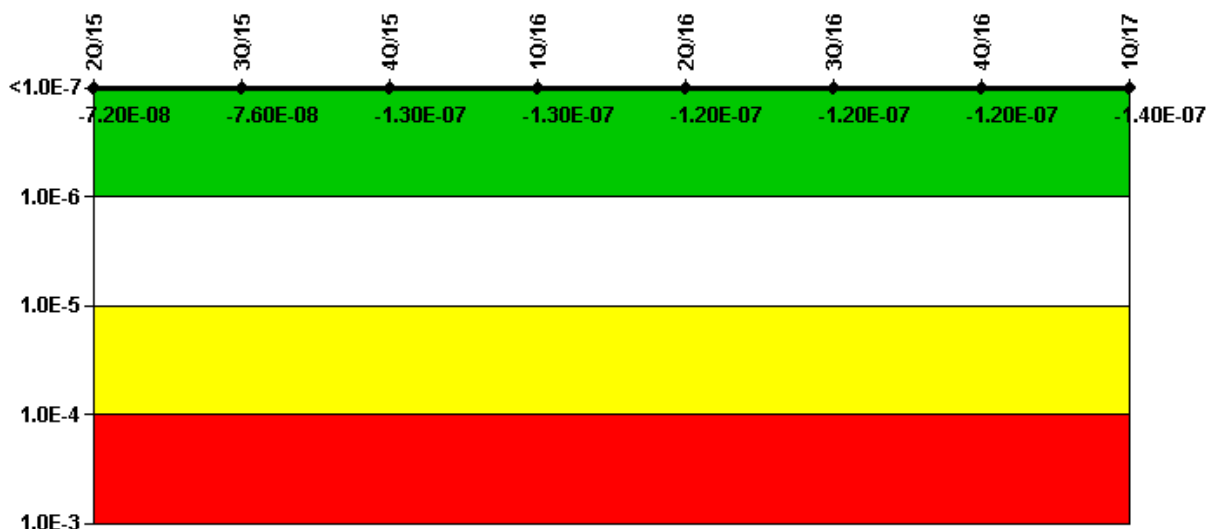
Safety System Functional Failures 0 0 0 0 0 0 0 0 1

Indicator value 1 1 0 0 0 0 0 0 1

▲ TOP

Licensee Comments:
1Q/17: LER 2-17-001

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

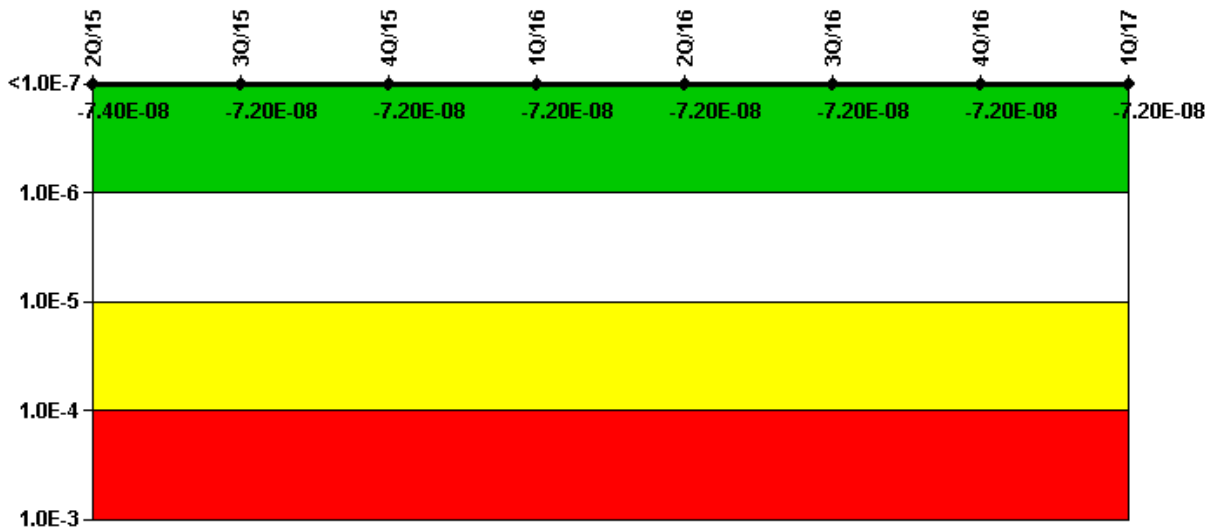
| | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (Δ CDF) | 7.46E-09 | 4.45E-09 | -1.57E-09 | -5.70E-09 | 4.33E-09 | 1.66E-09 | 4.04E-09 | -1.02E-08 |
| URI (Δ CDF) | -8.00E-08 | -8.08E-08 | -1.26E-07 | -1.25E-07 | -1.26E-07 | -1.24E-07 | -1.27E-07 | -1.29E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.20E-08 | -7.60E-08 | -1.30E-07 | -1.30E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.40E-07 |

▲ TOP

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

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

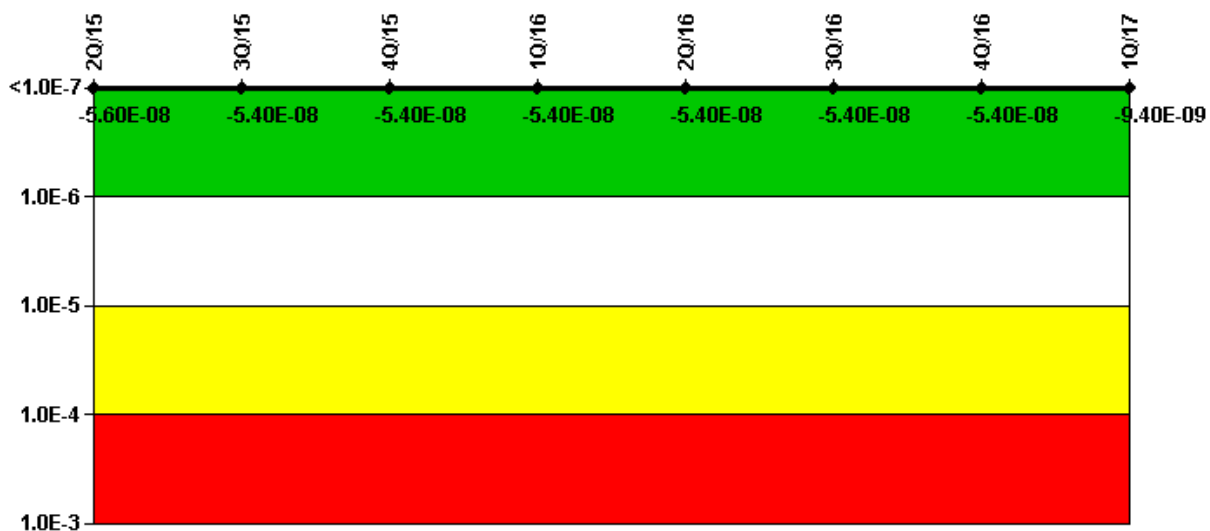
| | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (Δ CDF) | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 |
| URI (Δ CDF) | -4.51E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.40E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 |

▲ TOP

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

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

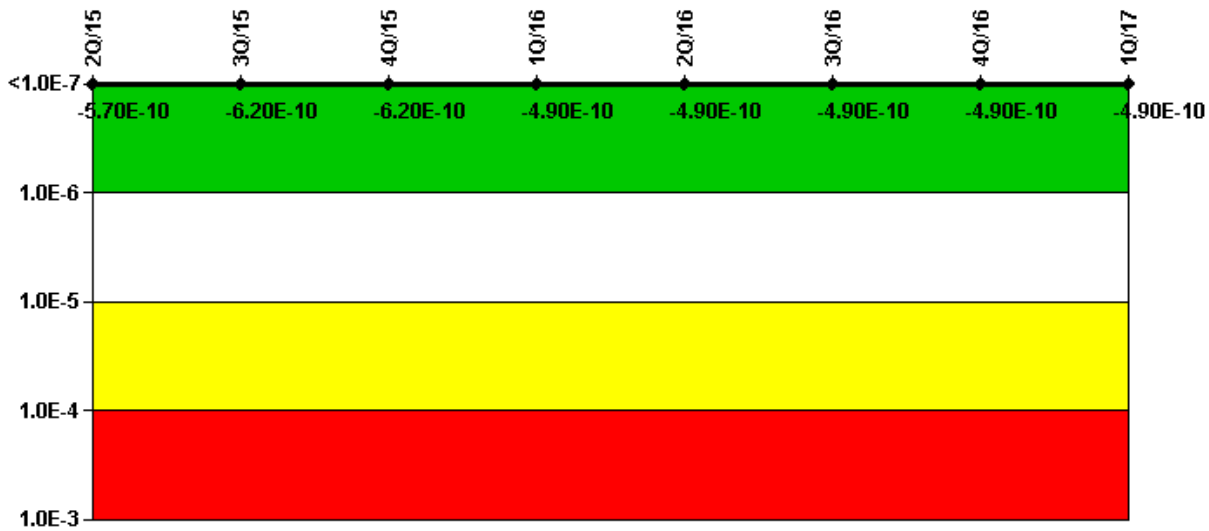
| | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF) | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.19E-08 |
| URI (ΔCDF) | -3.76E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | 2.48E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -5.60E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -9.40E-09 |

▲ TOP

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

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

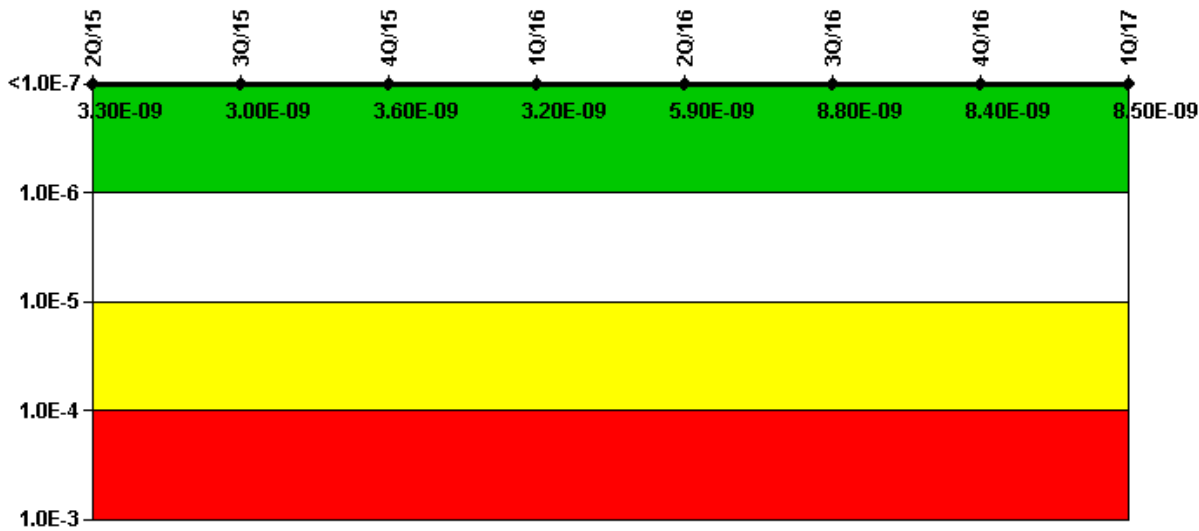
| | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF) | -8.65E-11 | -1.34E-10 | -1.35E-10 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| URI (ΔCDF) | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -5.70E-10 | -6.20E-10 | -6.20E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 |

▲ TOP

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

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

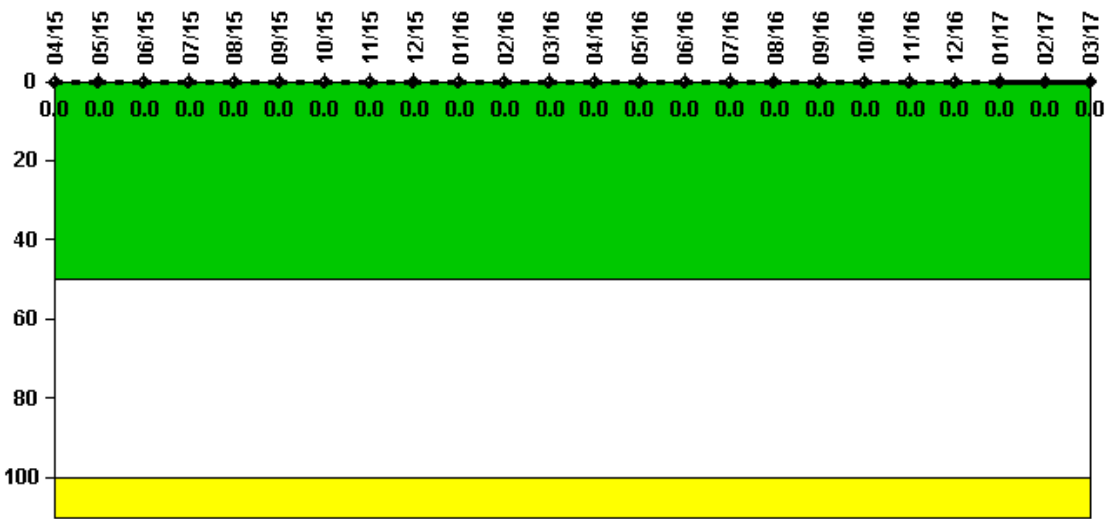
| | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI (ΔCDF) | 5.66E-09 | 5.32E-09 | 5.99E-09 | 5.57E-09 | 5.40E-09 | 5.44E-09 | 5.14E-09 | 5.20E-09 |
| URI (ΔCDF) | -2.35E-09 | -2.35E-09 | -2.35E-09 | -2.35E-09 | 5.18E-10 | 3.39E-09 | 3.26E-09 | 3.26E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 3.30E-09 | 3.00E-09 | 3.60E-09 | 3.20E-09 | 5.90E-09 | 8.80E-09 | 8.40E-09 | 8.50E-09 |

▲ TOP

Licensee Comments:

2Q/15: Changed PRA Parameter(s). Changed PRA Parameters based on PRA Model Update PB 2(3)14A; MSPI Basis Document Revision 11.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

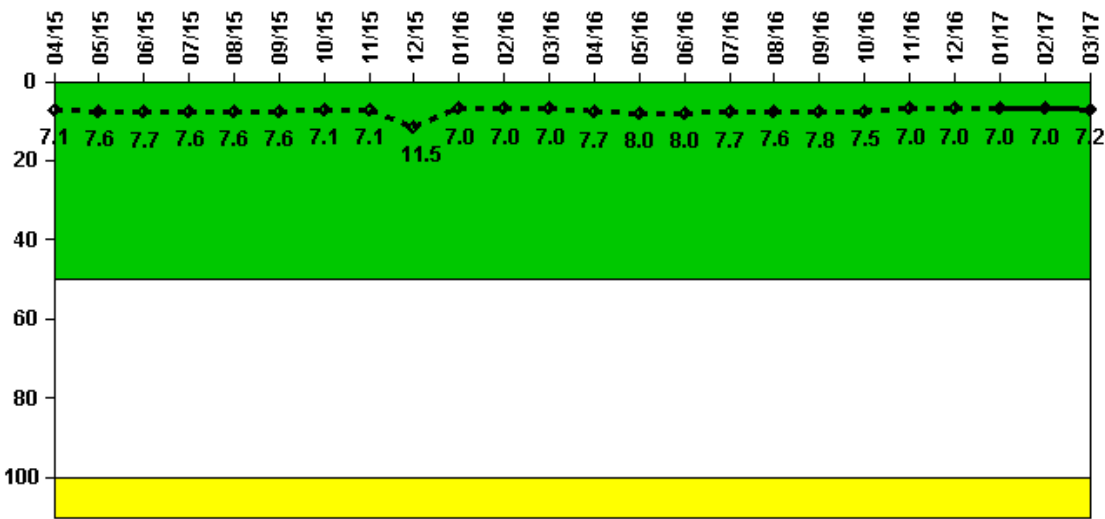
Notes

| Reactor Coolant System Activity | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 | 1/16 | 2/16 | 3/16 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000018 | 0.000022 | 0.000022 | 0.000019 | 0.000020 | 0.000020 | 0.000025 | 0.000021 | 0.000023 | 0.000023 | 0.000025 | 0.000020 |
| 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 | 4/16 | 5/16 | 6/16 | 7/16 | 8/16 | 9/16 | 10/16 | 11/16 | 12/16 | 1/17 | 2/17 | 3/17 |
| Maximum activity | 0.000021 | 0.000038 | 0.000026 | 0.000030 | 0.000026 | 0.000026 | 0.000023 | 0.000018 | 0.000020 | 0.000020 | 0.000020 | 0.000020 |
| 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 |

▲ TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 4/15 | 5/15 | 6/15 | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 | 1/16 | 2/16 | 3/16 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.770 | 1.900 | 1.920 | 1.900 | 1.890 | 1.890 | 1.780 | 1.780 | 2.880 | 1.750 | 1.750 | 1.750 |
| 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 |

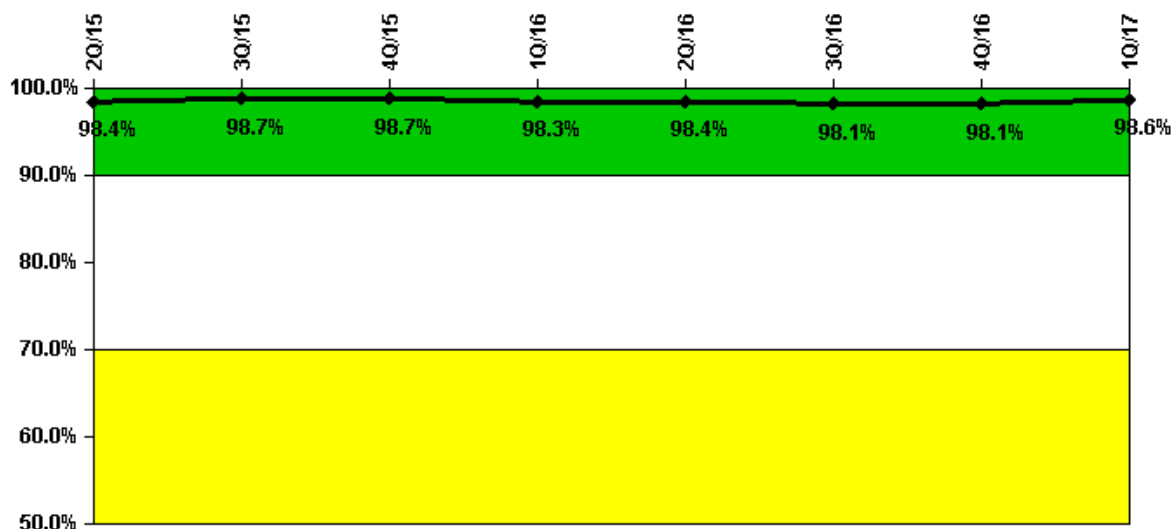
| Indicator value | 7.1 | 7.6 | 7.7 | 7.6 | 7.6 | 7.6 | 7.1 | 7.1 | 11.5 | 7.0 | 7.0 | 7.0 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Reactor Coolant System Leakage | 4/16 | 5/16 | 6/16 | 7/16 | 8/16 | 9/16 | 10/16 | 11/16 | 12/16 | 1/17 | 2/17 | 3/17 |
| Maximum leakage | 1.930 | 2.000 | 2.000 | 1.930 | 1.890 | 1.950 | 1.880 | 1.740 | 1.750 | 1.760 | 1.760 | 1.790 |
| 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 | 7.7 | 8.0 | 8.0 | 7.7 | 7.6 | 7.8 | 7.5 | 7.0 | 7.0 | 7.0 | 7.0 | 7.2 |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

TOP

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 43.0 | 10.0 | 30.0 | 80.0 | 76.0 | 23.0 | 7.0 | 72.0 |
| Total opportunities | 44.0 | 10.0 | 30.0 | 81.0 | 77.0 | 24.0 | 7.0 | 73.0 |

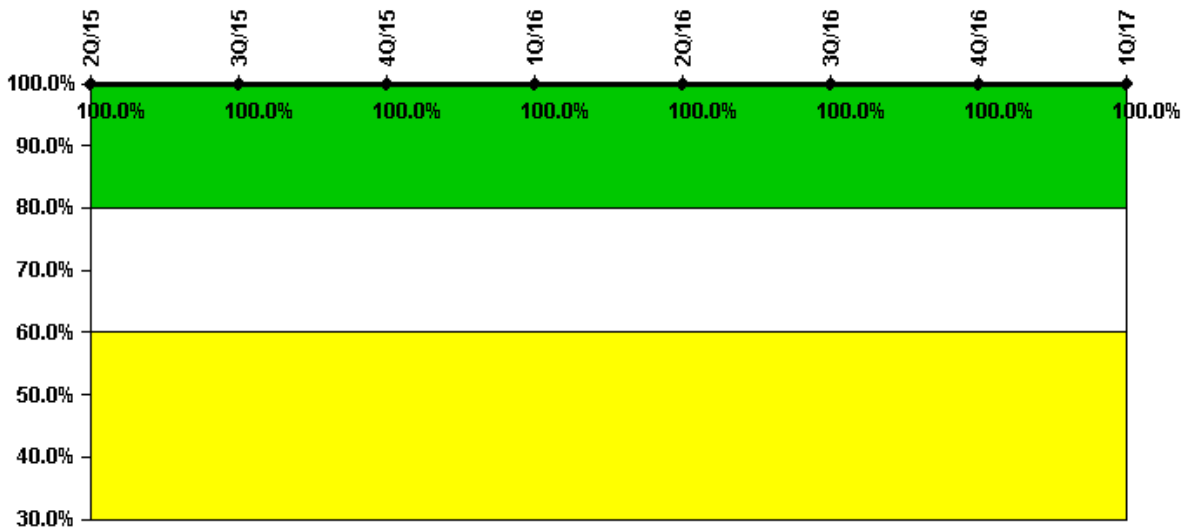
Indicator value 98.4% 98.7% 98.7% 98.3% 98.4% 98.1% 98.1% 98.6%

▲ TOP

Licensee Comments:

2Q/16: Error in data reporting. Does not affect color indicator.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

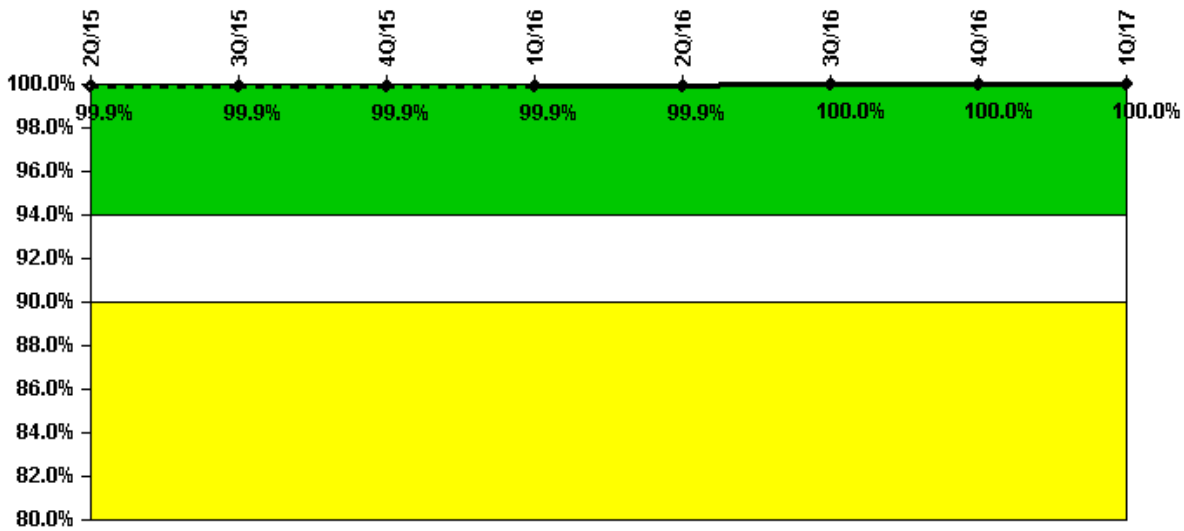
| ERO Drill Participation | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 76.0 | 78.0 | 78.0 | 72.0 | 74.0 | 75.0 | 72.0 | 74.0 |
| Total Key personnel | 76.0 | 78.0 | 78.0 | 72.0 | 74.0 | 75.0 | 72.0 | 74.0 |

Indicator value **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%**

▲ TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

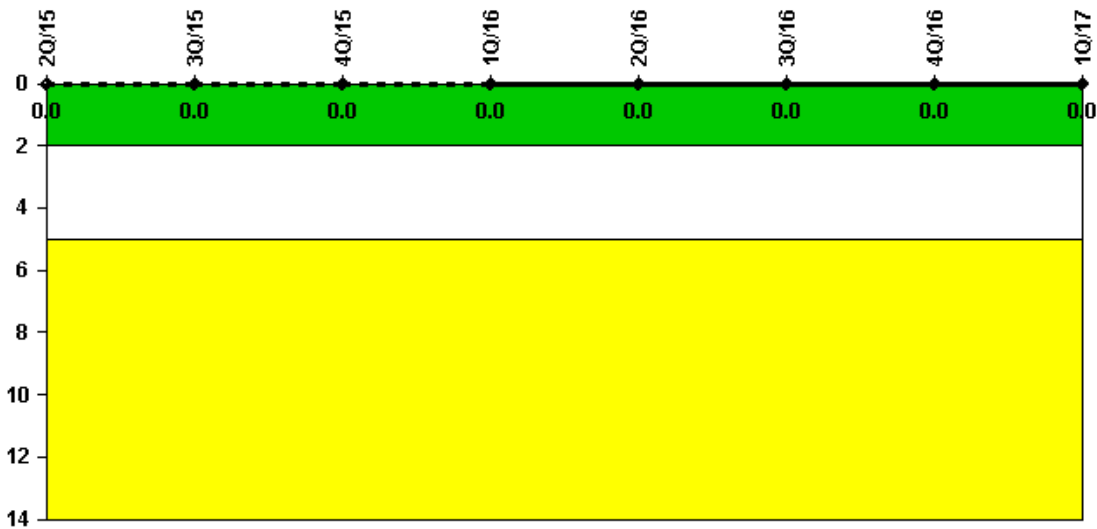
| Alert & Notification System | 2Q/15 | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1260 | 1356 | 1259 | 1261 | 1261 | 1261 | 1261 | 1260 |
| Total sirens-tests | 1261 | 1358 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |

Indicator value 99.9% 99.9% 99.9% 99.9% 99.9% 100.0% 100.0% 100.0%

▲ TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17

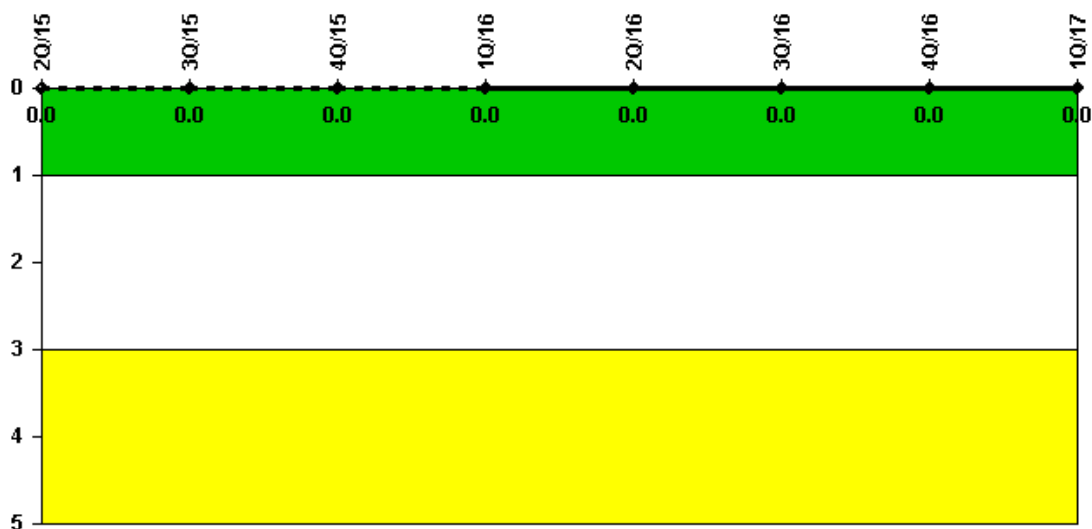
| | | | | | | | | |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Very high radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unintended exposure occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TOP

Licensee Comments:

3Q/15: Update to remove High Radiation Area Occurrence per NEI reporting criteria. There was no color or threshold change.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17

RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

[TOP](#)

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.

Current data as of: May 5, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017



[Home](#) > [Nuclear Reactors](#) > [Operating Reactors](#) > [Reactor Oversight Process](#) > [Plant Summaries](#)> [Peach Bottom 2](#) > [Quarterly Performance Indicators](#)

Peach Bottom 2 – Quarterly Performance Indicators

2Q/2017 Performance Indicators

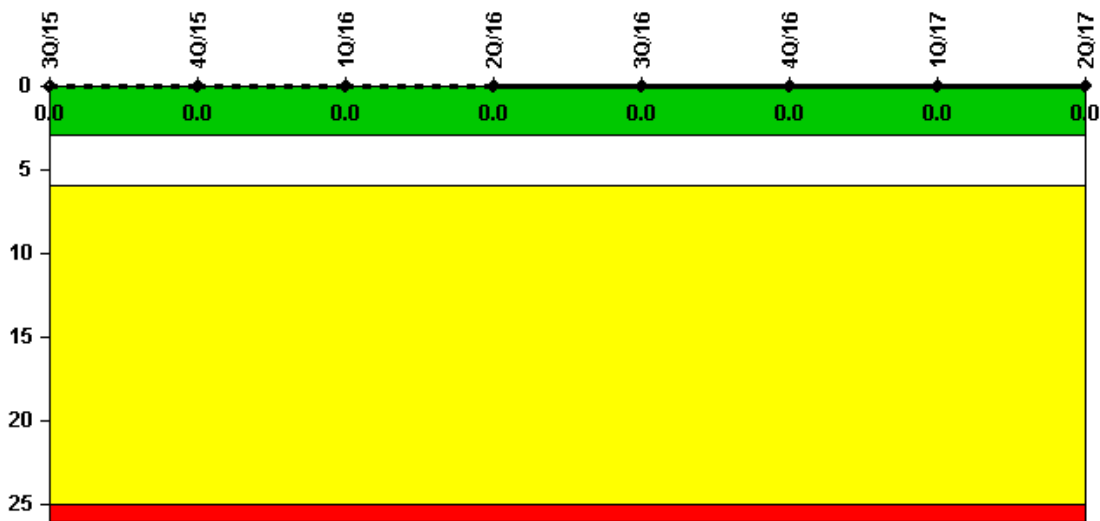
The solid trend line represents the current reporting period.

Licensee's General Comments: Change report for update in MSPI determination.

On this page:

- [Unplanned Scrams \(IE01\)](#)
- [Unplanned Power Changes per 7000 Critical Hours \(IE03\)](#)
- [Unplanned Scrams with Complications \(IE04\)](#)
- [Safety System Functional Failures \(MS05\)](#)
- [Emergency AC Power Systems \(MS06\)](#)
- [High Pressure Injection Systems \(MS07\)](#)
- [Heat Removal Systems \(MS08\)](#)
- [Residual Heat Removal Systems \(MS09\)](#)
- [Cooling Water Systems \(MS10\)](#)
- [Reactor Coolant System Activity \(BI01\)](#)
- [Reactor Coolant System Leakage \(BI02\)](#)
- [Drill/Exercise Performance \(EP01\)](#)
- [Emergency Response Organization Drill Participation \(EP02\)](#)
- [Alert and Notification System Reliability \(EP03\)](#)
- [Occupational Exposure Control Effectiveness \(OR01\)](#)
- [RETS/OCDM Radiological Effluent Occurrence \(PR01\)](#)
- [Protected Area Equipment \(PP01\)](#)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

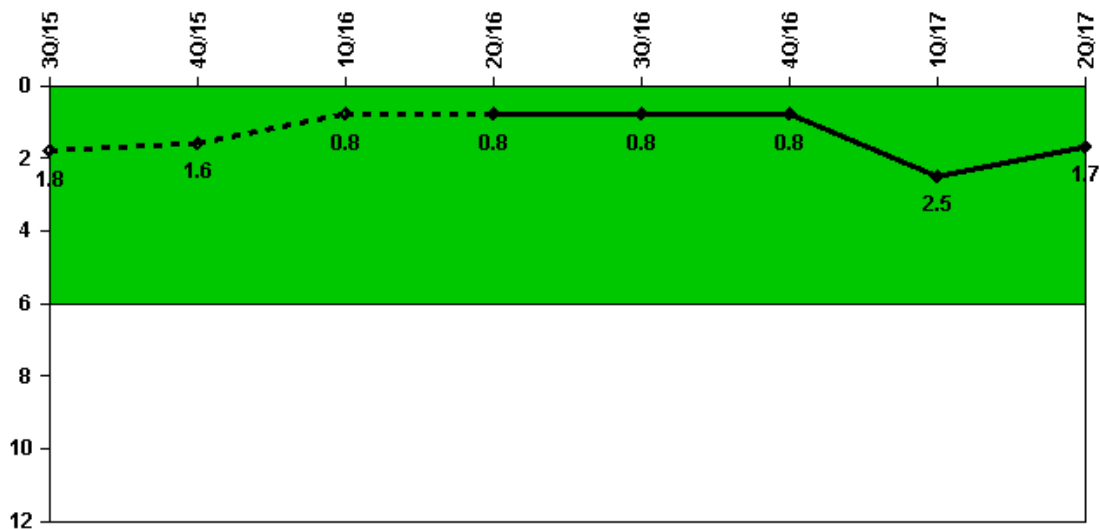
| Unplanned Scrams per 7000 Critical Hrs | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2208.0 | 2161.3 | 2183.0 | 2184.0 | 2208.0 | 1797.1 | 2159.0 | 2184.0 |

| Indicator value | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

▲ TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

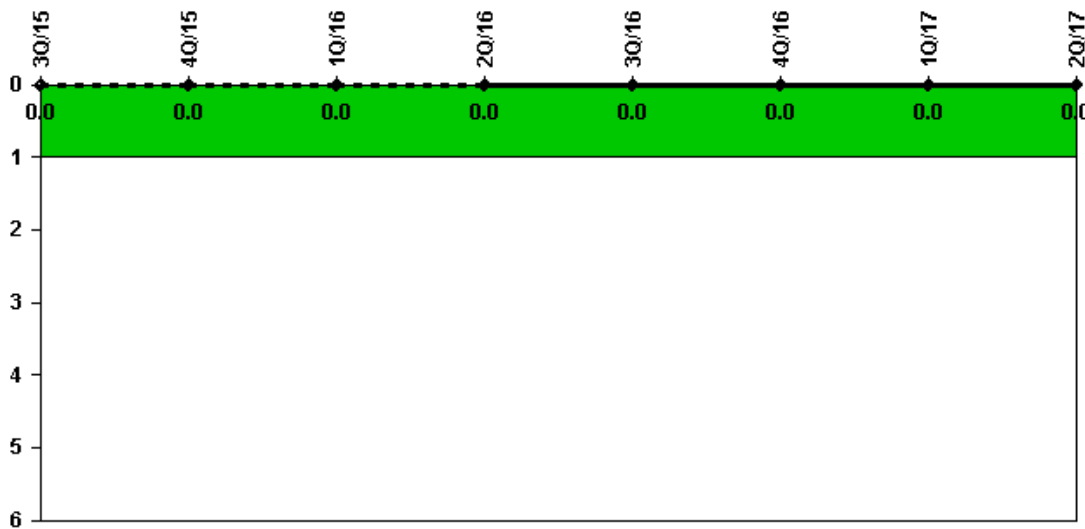
Notes

| Unplanned Power Changes per 7000 Critical Hrs | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Unplanned power changes | 0 | 0 | 0 | 1.0 | 0 | 0 | 2.0 | 0 |
| Critical hours | 2208.0 | 2161.3 | 2183.0 | 2184.0 | 2208.0 | 1797.1 | 2159.0 | 2184.0 |
| Indicator value | 1.8 | 1.6 | 0.8 | 0.8 | 0.8 | 0.8 | 2.5 | 1.7 |

▲ TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

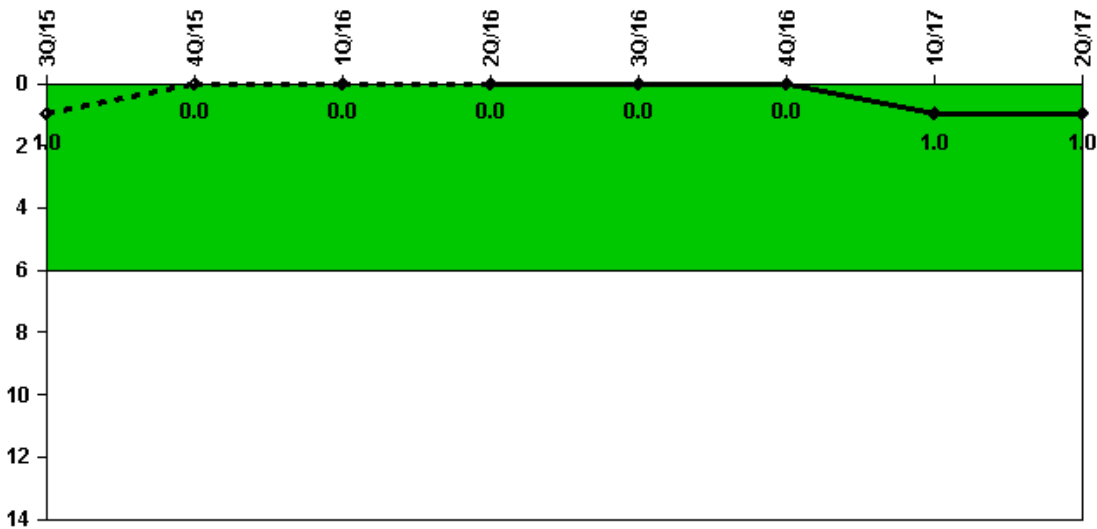
Notes

| Unplanned Scrams with Complications | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 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 |

▲ TOP

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR) 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17

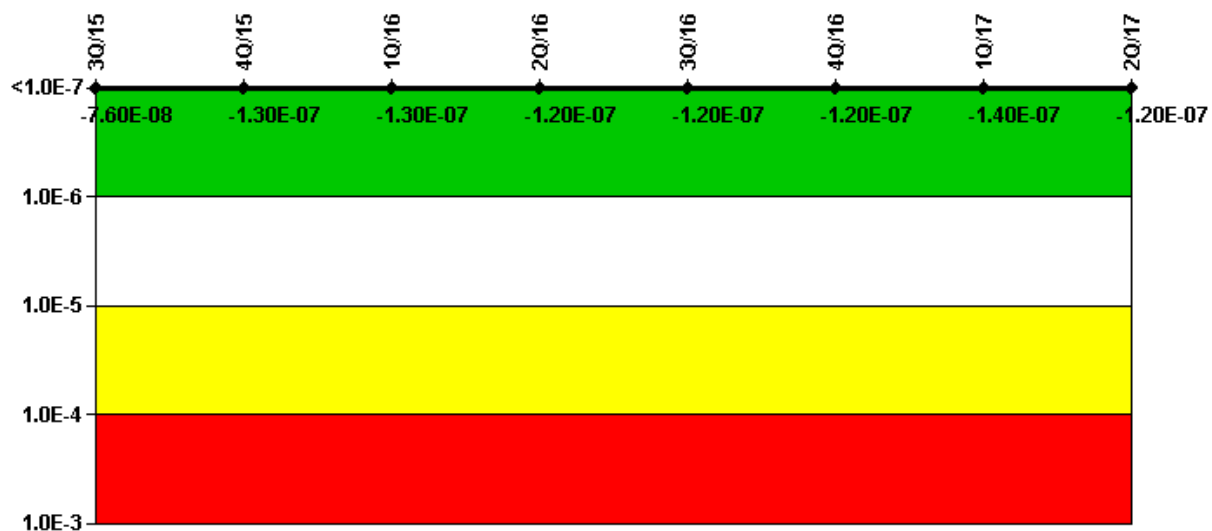
Safety System Functional Failures 0 0 0 0 0 0 1 0

Indicator value 1 0 0 0 0 0 1 1

▲ TOP

Licensee Comments:
1Q/17: LER 2-17-001

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

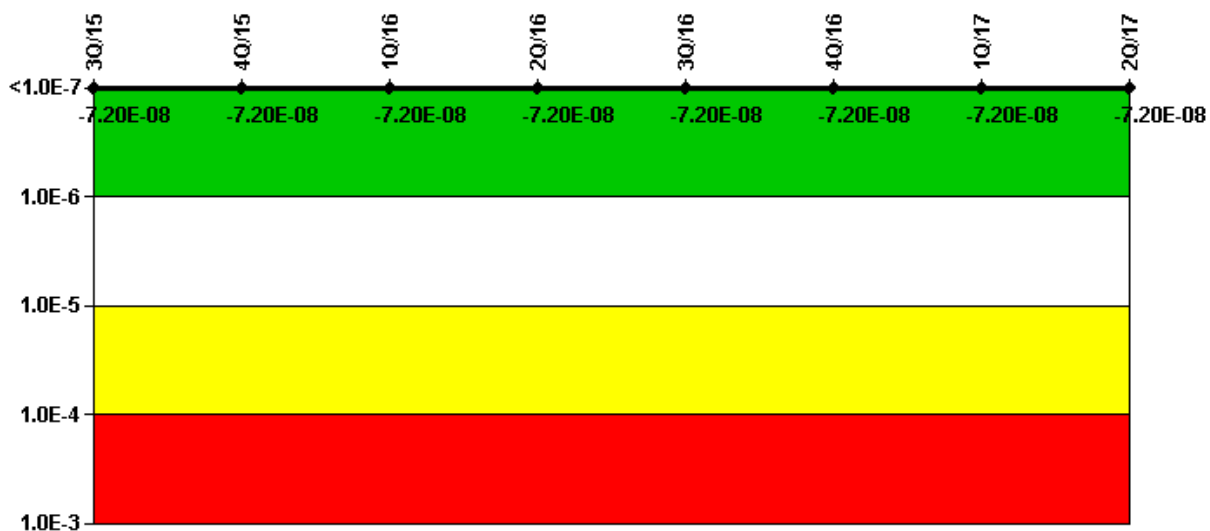
Mitigating Systems Performance Index, Emergency AC Power System

| | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF) | 4.45E-09 | -1.57E-09 | -5.70E-09 | 4.33E-09 | 1.66E-09 | 4.04E-09 | -1.02E-08 | 7.35E-09 |
| URI (ΔCDF) | -8.08E-08 | -1.26E-07 | -1.25E-07 | -1.26E-07 | -1.24E-07 | -1.27E-07 | -1.29E-07 | -1.30E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.60E-08 | -1.30E-07 | -1.30E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.40E-07 | -1.20E-07 |

▲ TOP

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

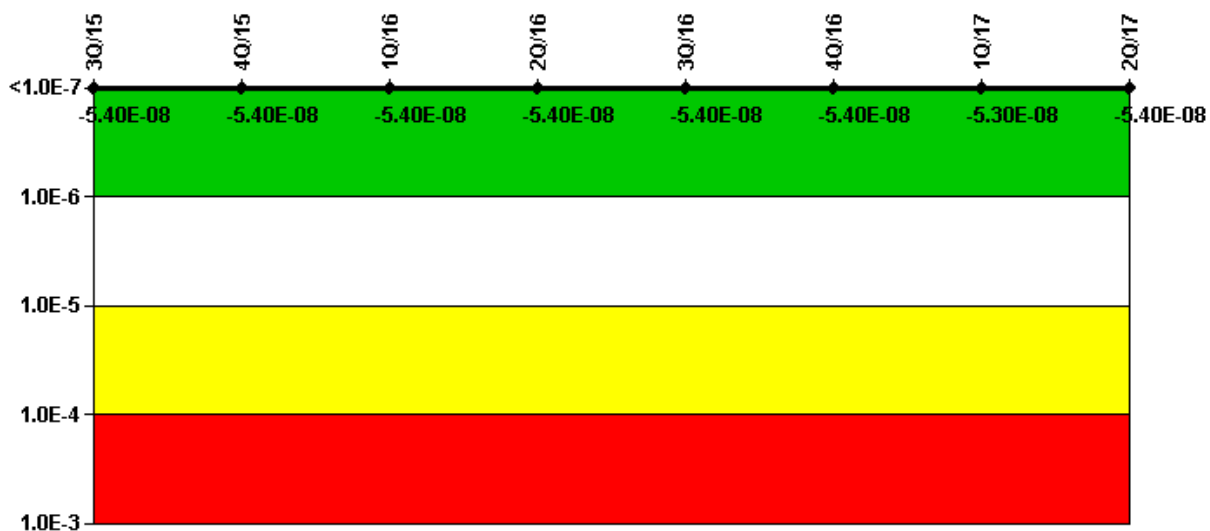
Mitigating Systems Performance Index, High Pressure Injection System

| | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (Δ CDF) | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 |
| URI (Δ CDF) | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 |

▲ TOP

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

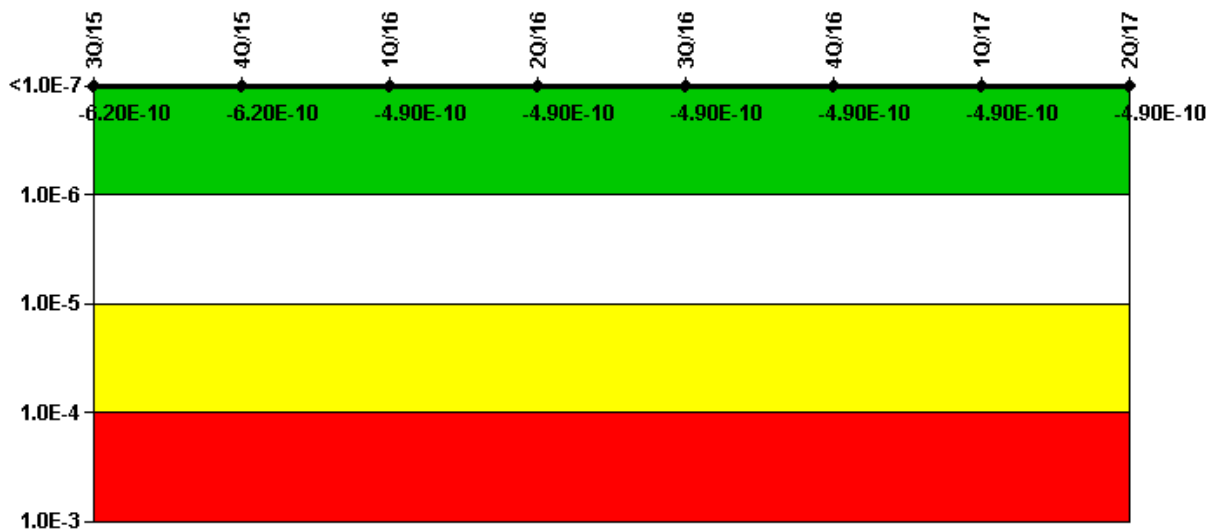
| | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (Δ CDF) | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.66E-08 | -1.79E-08 |
| URI (Δ CDF) | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.30E-08 | -5.40E-08 |

▲ TOP

Licensee Comments:

1Q/17: Change report for MO-2-13-132 determined not to be an MSPI failure.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

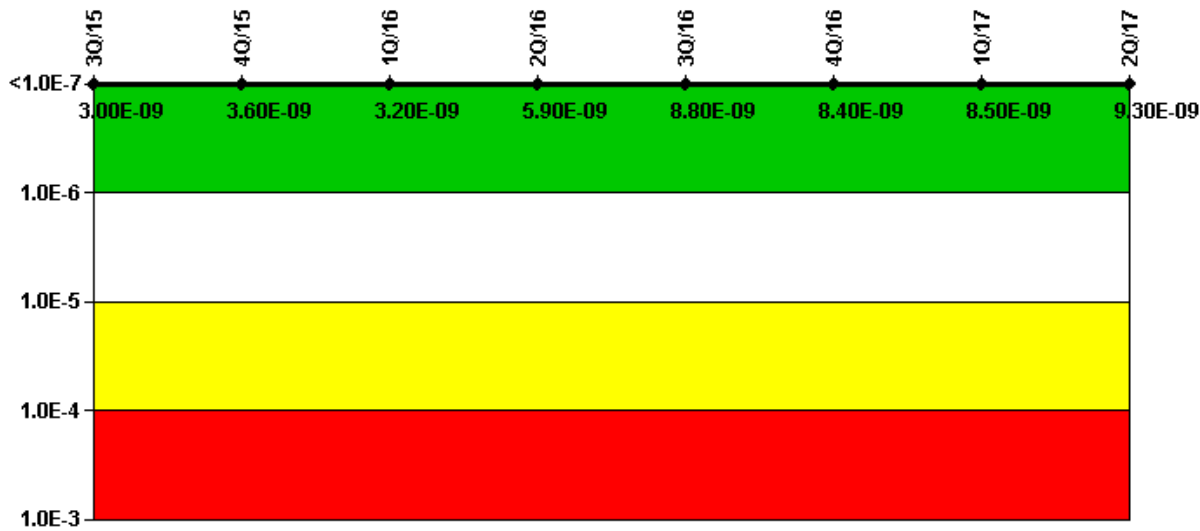
**Mitigating Systems Performance Index,
Residual Heat Removal System**

| | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF) | -1.34E-10 | -1.35E-10 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| URI (ΔCDF) | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -6.20E-10 | -6.20E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 |

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

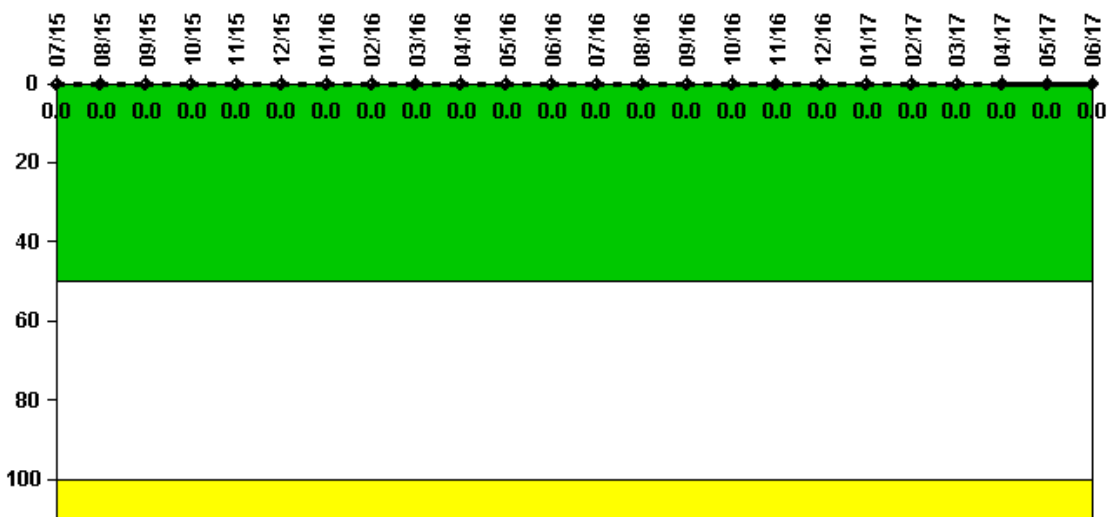
Mitigating Systems Performance Index, Cooling Water Systems

| | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI (ΔCDF) | 5.32E-09 | 5.99E-09 | 5.57E-09 | 5.40E-09 | 5.44E-09 | 5.14E-09 | 5.20E-09 | 6.07E-09 |
| URI (ΔCDF) | -2.35E-09 | -2.35E-09 | -2.35E-09 | 5.18E-10 | 3.39E-09 | 3.26E-09 | 3.26E-09 | 3.26E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 3.00E-09 | 3.60E-09 | 3.20E-09 | 5.90E-09 | 8.80E-09 | 8.40E-09 | 8.50E-09 | 9.30E-09 |

▲ TOP

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

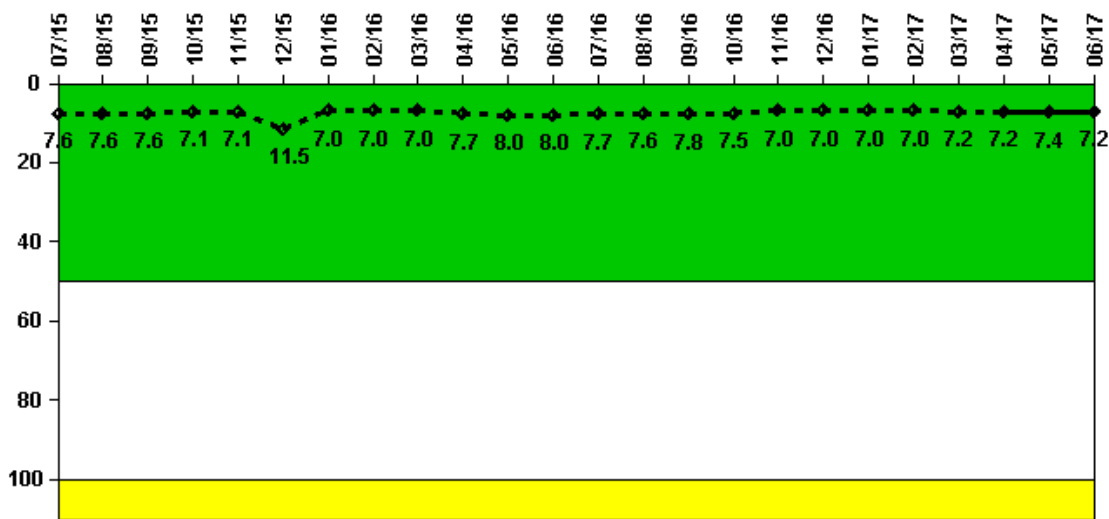
Notes

| Reactor Coolant System Activity | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000019 | 0.000020 | 0.000020 | 0.000025 | 0.000021 | 0.000023 | 0.000023 | 0.000025 | 0.000020 | 0.000021 | 0.000038 | 0.000026 |
| 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 | 7/16 | 8/16 | 9/16 | 10/16 | 11/16 | 12/16 | 1/17 | 2/17 | 3/17 | 4/17 | 5/17 | 6/17 |
| Maximum activity | 0.000030 | 0.000026 | 0.000026 | 0.000023 | 0.000018 | 0.000020 | 0.000020 | 0.000020 | 0.000020 | 0.000018 | 0.000021 | 0.000020 |
| 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 |

▲ TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 7/15 | 8/15 | 9/15 | 10/15 | 11/15 | 12/15 | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.900 | 1.890 | 1.890 | 1.780 | 1.780 | 2.880 | 1.750 | 1.750 | 1.750 | 1.930 | 2.000 | 2.000 |
| 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 |

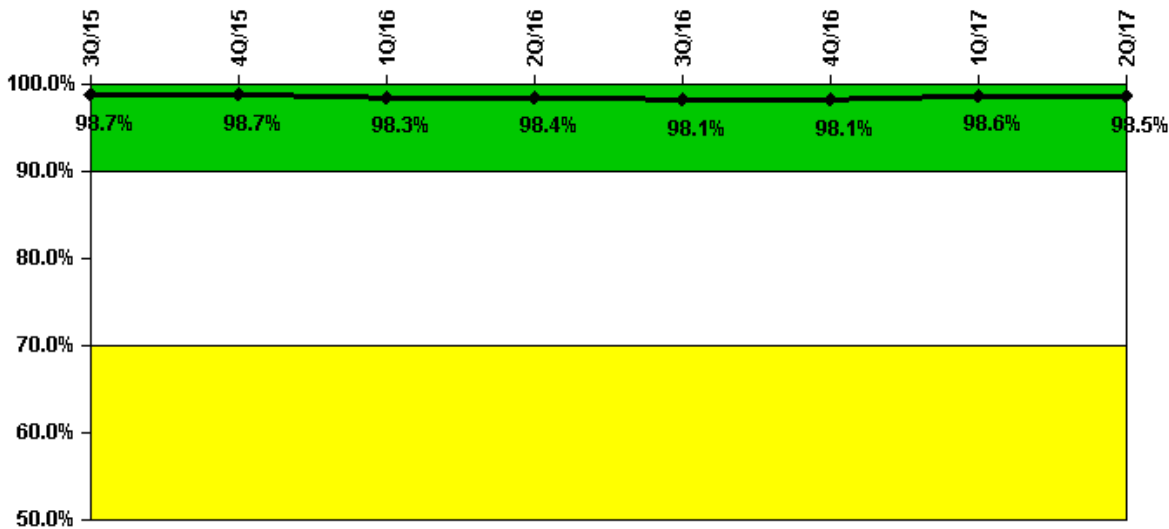
| Indicator value | 7.6 | 7.6 | 7.6 | 7.1 | 7.1 | 11.5 | 7.0 | 7.0 | 7.0 | 7.7 | 8.0 | 8.0 |
|--------------------------------|------------|------------|------------|------------|------------|-------------|------------|------------|------------|------------|------------|------------|
| Reactor Coolant System Leakage | 7/16 | 8/16 | 9/16 | 10/16 | 11/16 | 12/16 | 1/17 | 2/17 | 3/17 | 4/17 | 5/17 | 6/17 |
| Maximum leakage | 1.930 | 1.890 | 1.950 | 1.880 | 1.740 | 1.750 | 1.760 | 1.760 | 1.790 | 1.790 | 1.850 | 1.790 |
| 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 | 7.7 | 7.6 | 7.8 | 7.5 | 7.0 | 7.0 | 7.0 | 7.0 | 7.2 | 7.2 | 7.4 | 7.2 |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|

▲ TOP

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 10.0 | 30.0 | 80.0 | 76.0 | 23.0 | 7.0 | 72.0 | 38.0 |
| Total opportunities | 10.0 | 30.0 | 81.0 | 77.0 | 24.0 | 7.0 | 73.0 | 39.0 |

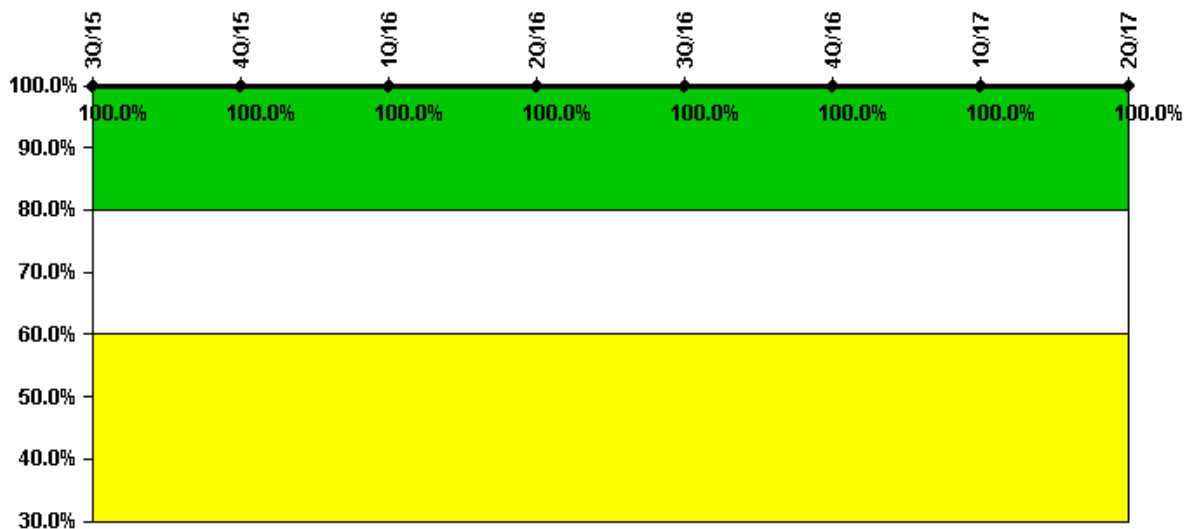
Indicator value **98.7% 98.7% 98.3% 98.4% 98.1% 98.1% 98.6% 98.5%**

▲ TOP

Licensee Comments:

2Q/16: Error in data reporting. Does not affect color indicator.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

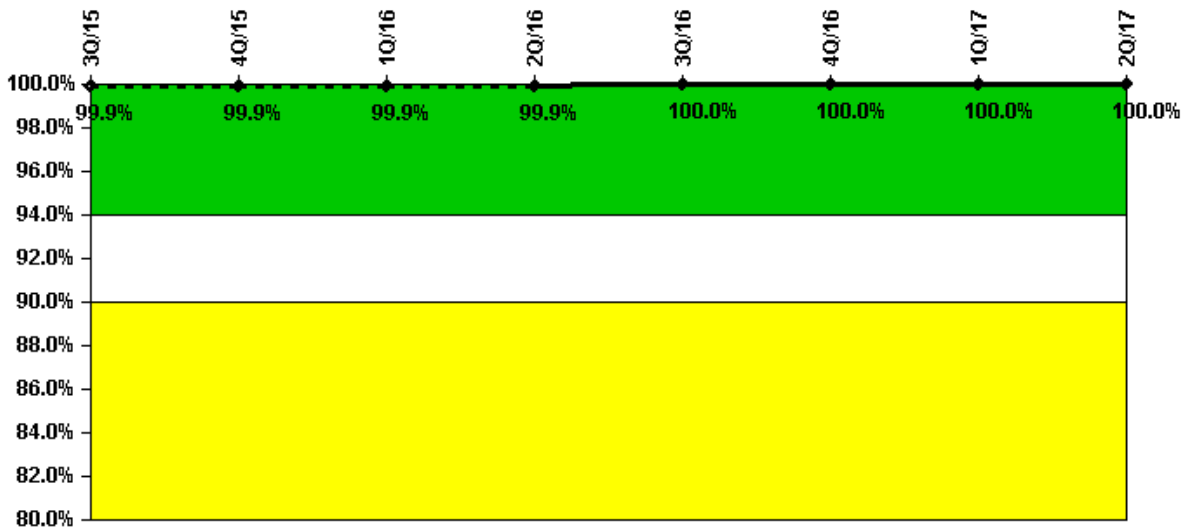
| ERO Drill Participation | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 78.0 | 78.0 | 72.0 | 74.0 | 75.0 | 72.0 | 74.0 | 71.0 |
| Total Key personnel | 78.0 | 78.0 | 72.0 | 74.0 | 75.0 | 72.0 | 74.0 | 71.0 |

Indicator value **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%**

▲ TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

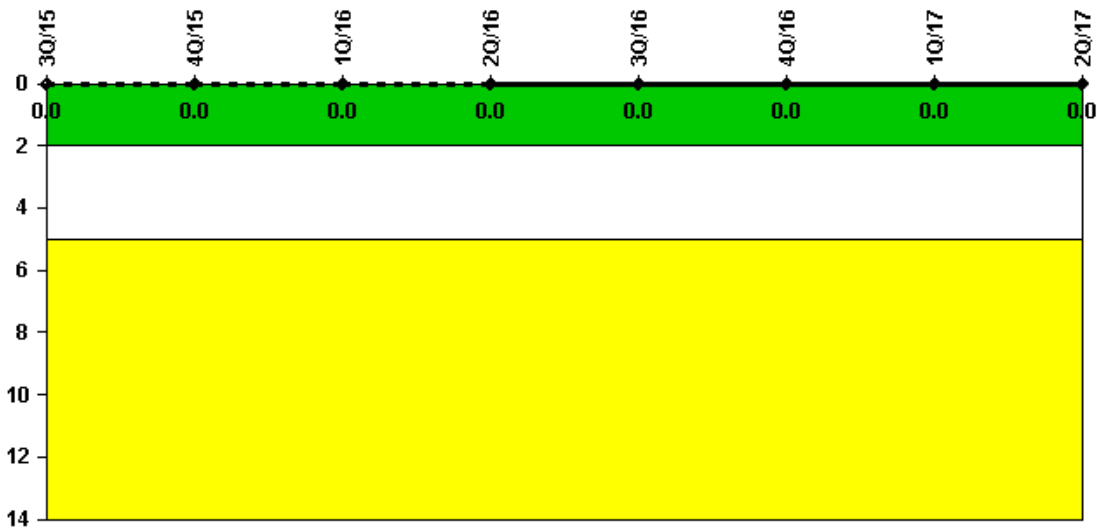
| Alert & Notification System | 3Q/15 | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1356 | 1259 | 1261 | 1261 | 1261 | 1261 | 1260 | 1261 |
| Total sirens-tests | 1358 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |

Indicator value **99.9%** **99.9%** **99.9%** **99.9%** **100.0%** **100.0%** **100.0%** **100.0%**

▲ TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17

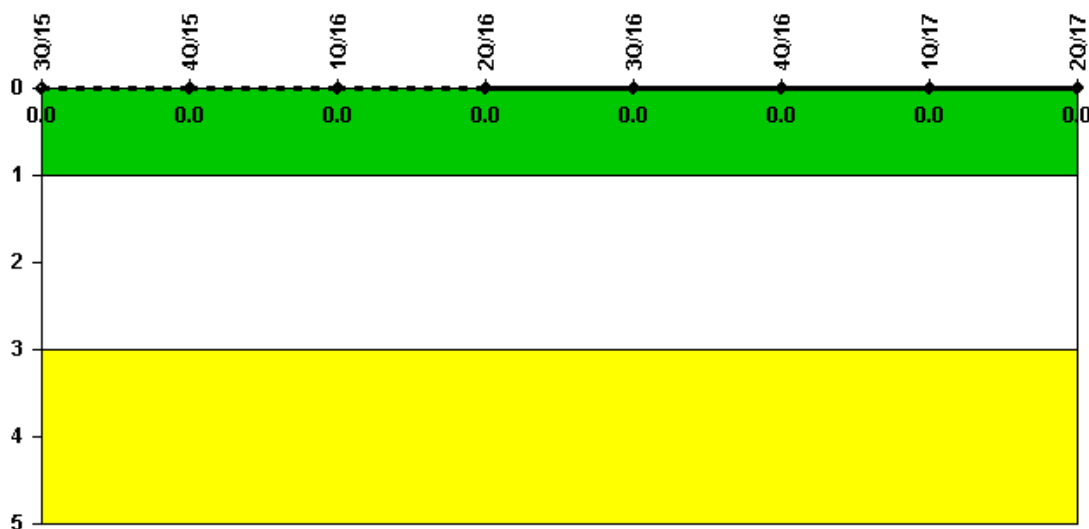
| | | | | | | | | |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| High radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Very high radiation area occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unintended exposure occurrences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TOP

Licensee Comments:

3Q/15: Update to remove High Radiation Area Occurrence per NEI reporting criteria. There was no color or threshold change.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17

RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

[TOP](#)

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.

Current data as of: July 26, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries> Peach Bottom 2 > Quarterly Performance Indicators

Peach Bottom 2 – Quarterly Performance Indicators

3Q/2017 Performance Indicators

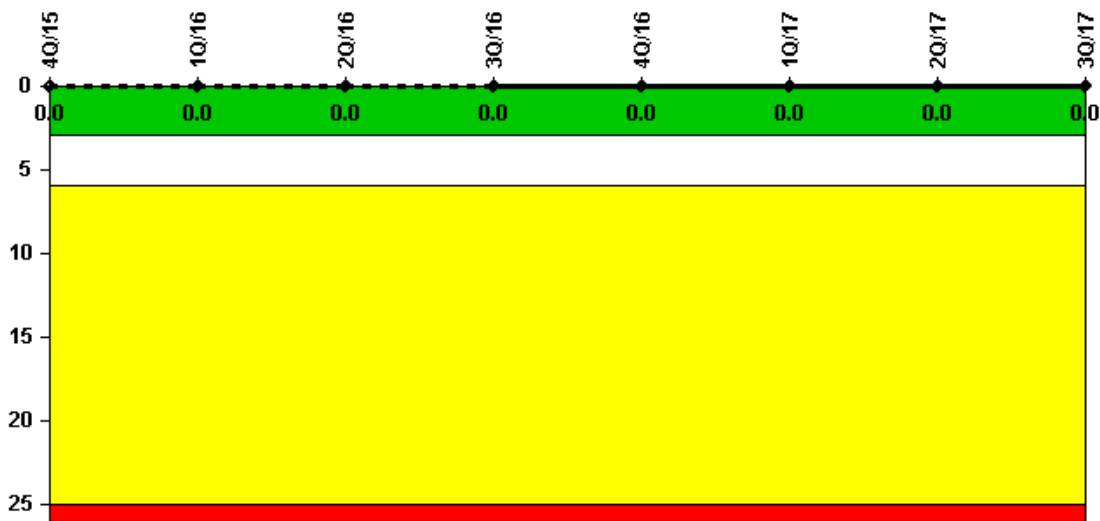
The solid trend line represents the current reporting period.

Licensee's General Comments: Update to improve accuracy in reporting. Does not result a change in threshold color.

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

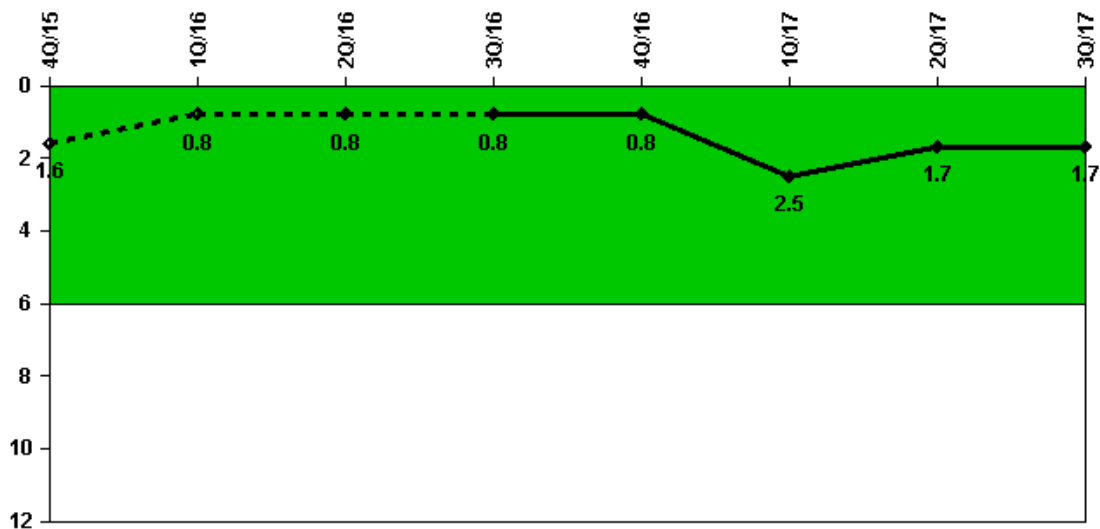
| Unplanned Scrams per 7000 Critical Hrs | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2161.3 | 2183.0 | 2184.0 | 2208.0 | 1797.1 | 2159.0 | 2184.0 | 2208.0 |

Indicator value: 0 0 0 0 0 0 0 0 0

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

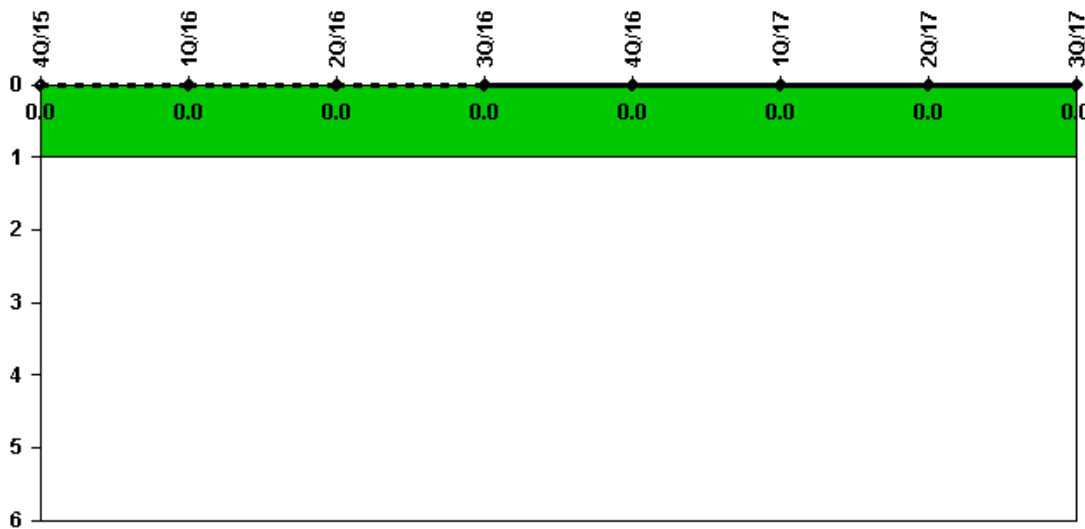
Notes

| Unplanned Power Changes per 7000 Critical Hrs | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Unplanned power changes | 0 | 0 | 1.0 | 0 | 0 | 2.0 | 0 | 0 |
| Critical hours | 2161.3 | 2183.0 | 2184.0 | 2208.0 | 1797.1 | 2159.0 | 2184.0 | 2208.0 |
| Indicator value | 1.6 | 0.8 | 0.8 | 0.8 | 0.8 | 2.5 | 1.7 | 1.7 |

▲ TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

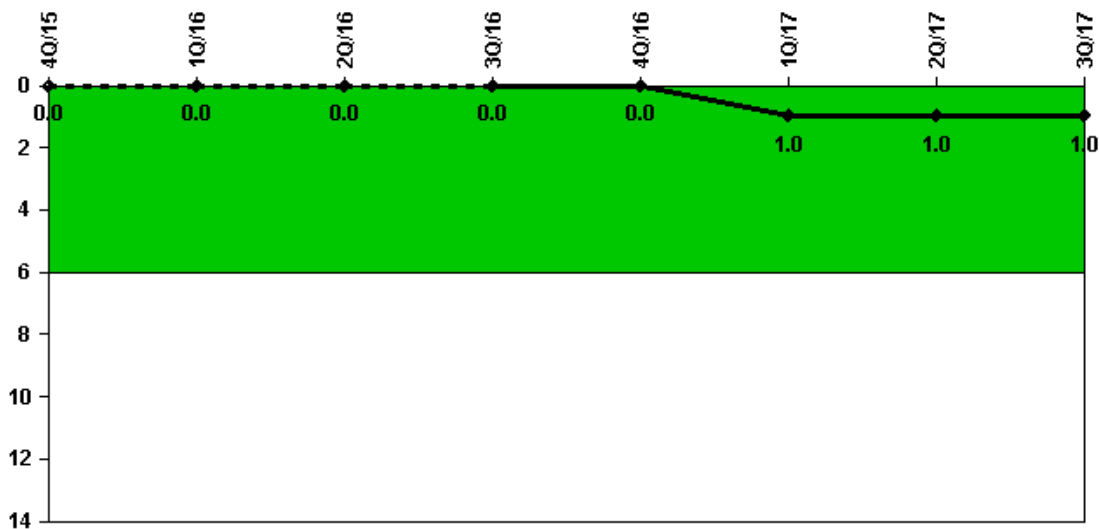
Notes

| Unplanned Scrams with Complications | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 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 |

▲ TOP

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR) 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

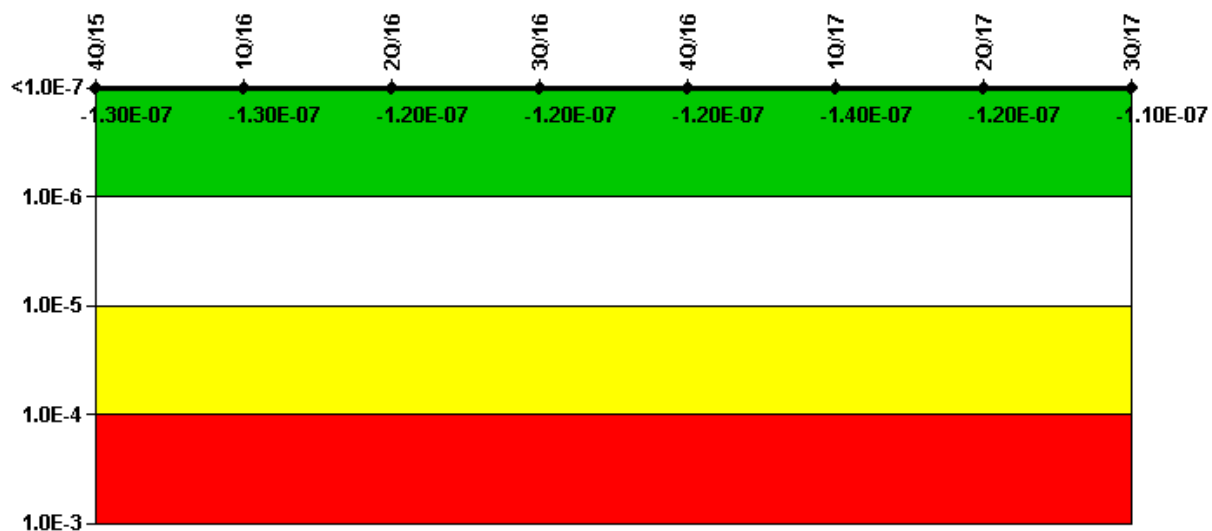
Safety System Functional Failures 0 0 0 0 0 1 0 0

Indicator value 0 0 0 0 0 1 1 1

▲ TOP

Licensee Comments:
1Q/17: LER 2-17-001

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

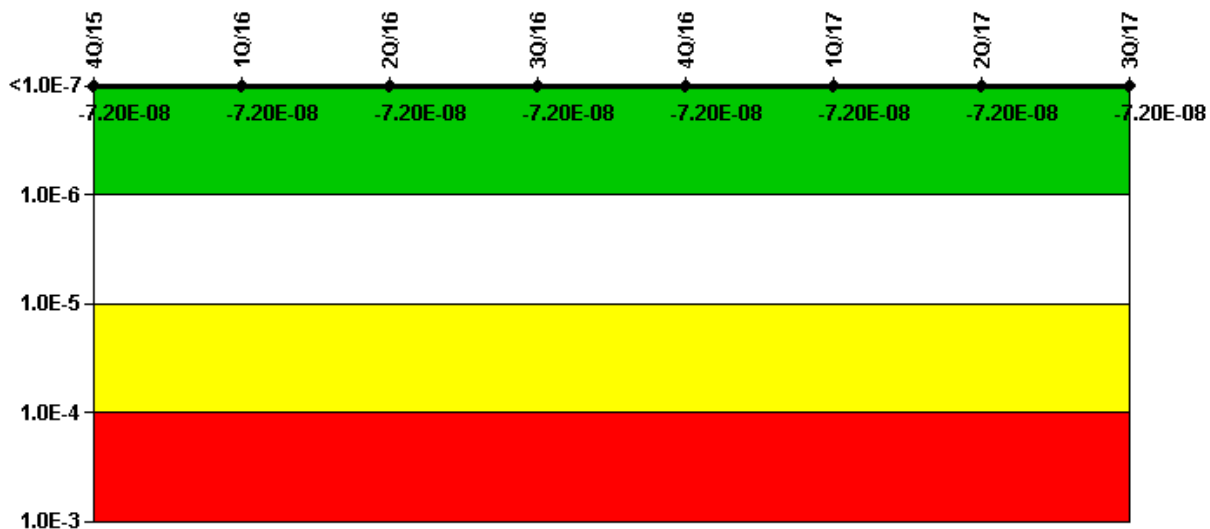
Mitigating Systems Performance Index, Emergency AC Power System

| | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (Δ CDF) | -1.57E-09 | -5.70E-09 | 4.33E-09 | 1.66E-09 | 4.04E-09 | -1.02E-08 | 7.35E-09 | 1.75E-08 |
| URI (Δ CDF) | -1.26E-07 | -1.25E-07 | -1.26E-07 | -1.24E-07 | -1.27E-07 | -1.29E-07 | -1.30E-07 | -1.29E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.30E-07 | -1.30E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.40E-07 | -1.20E-07 | -1.10E-07 |

▲ TOP

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

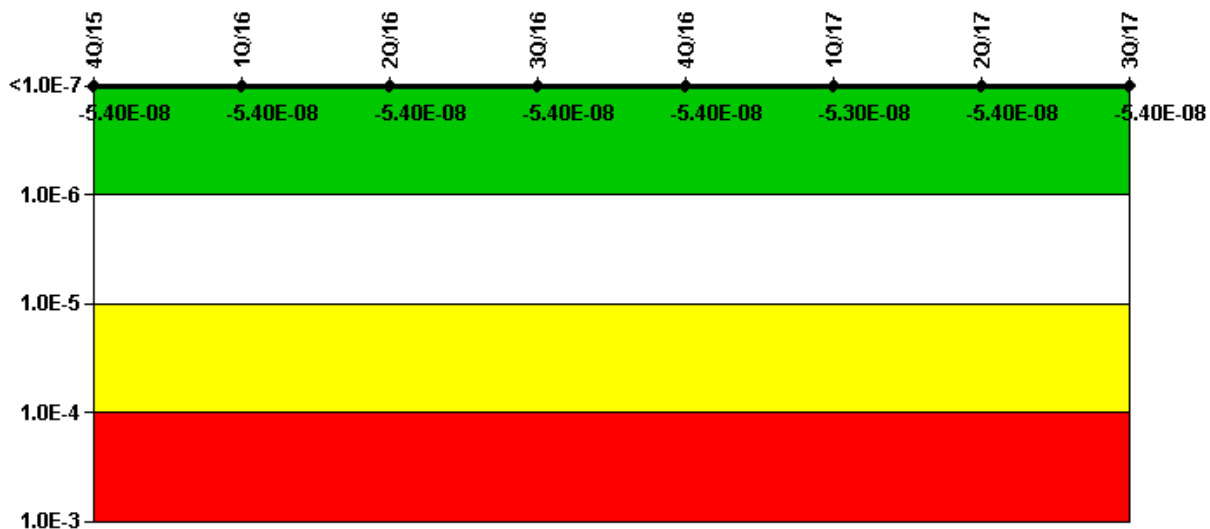
Mitigating Systems Performance Index, High Pressure Injection System

| | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF) | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 |
| URI (ΔCDF) | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 |

▲ TOP

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

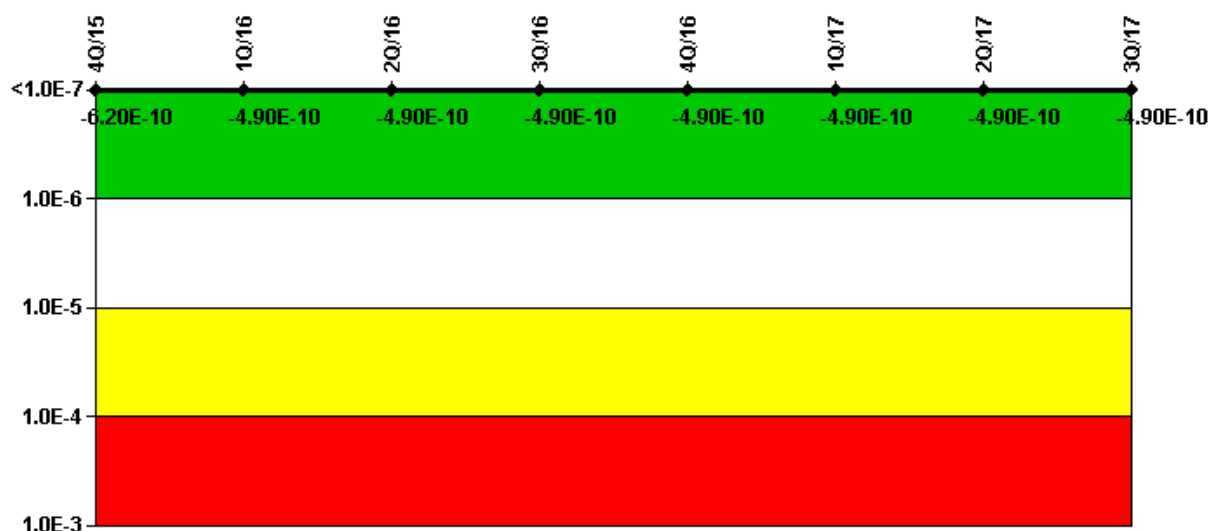
| | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF) | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.66E-08 | -1.79E-08 | -1.79E-08 |
| URI (ΔCDF) | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.30E-08 | -5.40E-08 | -5.40E-08 |

▲ TOP

Licensee Comments:

1Q/17: Change report for MO-2-13-132 determined not to be an MSPI failure.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

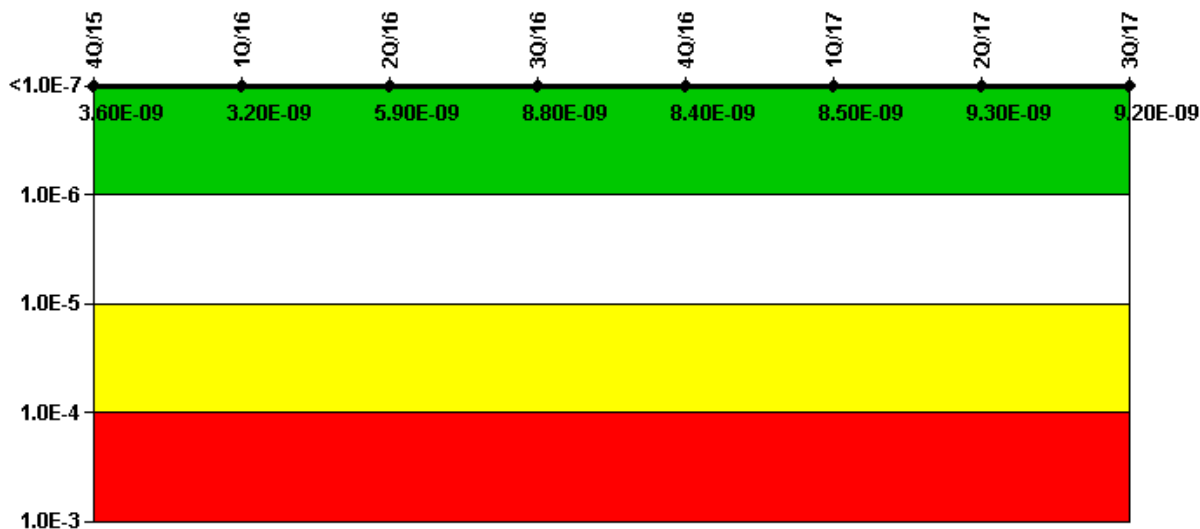
Mitigating Systems Performance Index, Residual Heat Removal System

| | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF) | -1.35E-10 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| URI (ΔCDF) | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -6.20E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 |

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

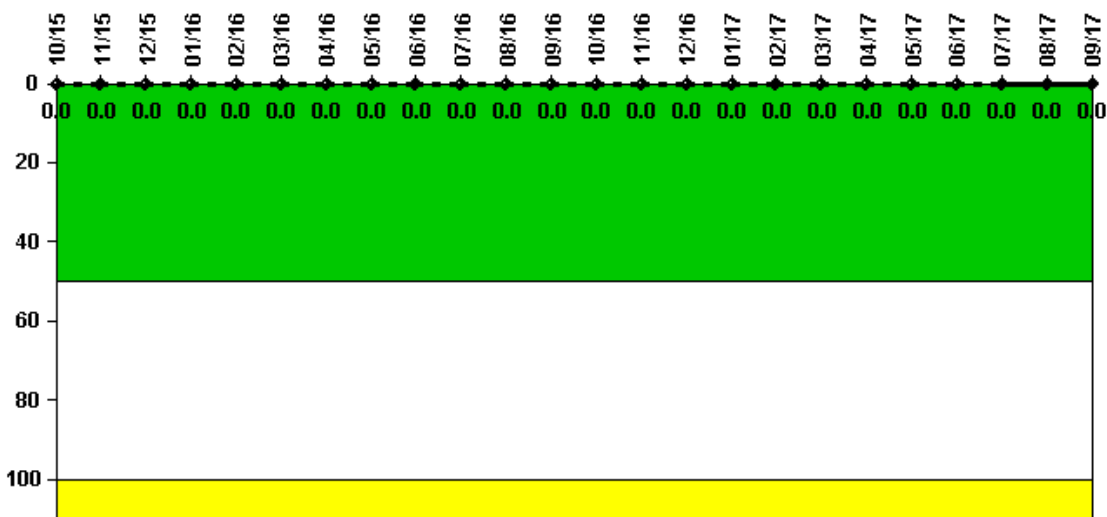
Mitigating Systems Performance Index, Cooling Water Systems

| | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI (ΔCDF) | 5.99E-09 | 5.57E-09 | 5.40E-09 | 5.44E-09 | 5.14E-09 | 5.20E-09 | 6.07E-09 | 5.99E-09 |
| URI (ΔCDF) | -2.35E-09 | -2.35E-09 | 5.18E-10 | 3.39E-09 | 3.26E-09 | 3.26E-09 | 3.26E-09 | 3.26E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 3.60E-09 | 3.20E-09 | 5.90E-09 | 8.80E-09 | 8.40E-09 | 8.50E-09 | 9.30E-09 | 9.20E-09 |

▲ TOP

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

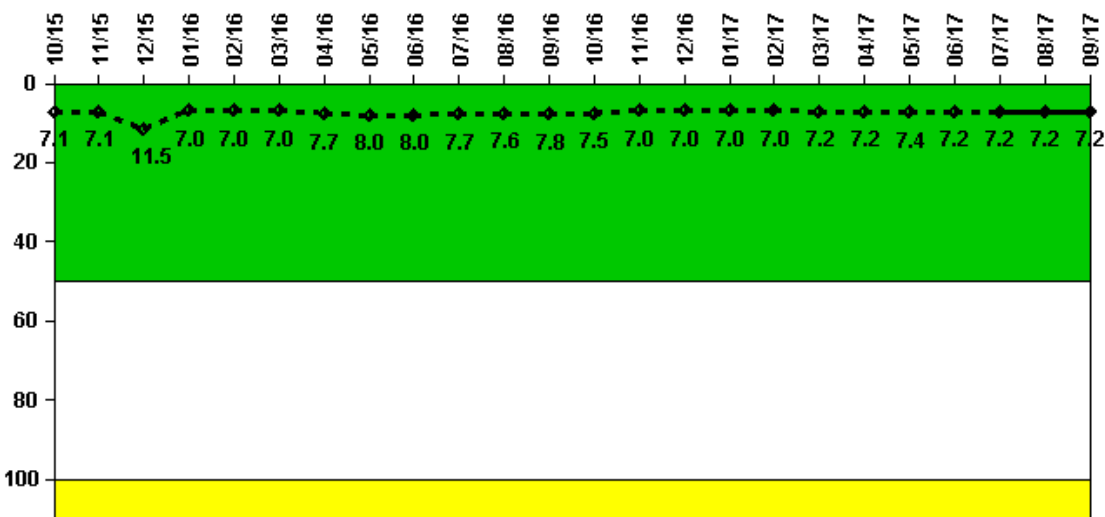
Notes

| Reactor Coolant System Activity | 10/15 | 11/15 | 12/15 | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 | 7/16 | 8/16 | 9/16 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000025 | 0.000021 | 0.000023 | 0.000023 | 0.000025 | 0.000020 | 0.000021 | 0.000038 | 0.000026 | 0.000030 | 0.000026 | 0.000026 |
| 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 | 10/16 | 11/16 | 12/16 | 1/17 | 2/17 | 3/17 | 4/17 | 5/17 | 6/17 | 7/17 | 8/17 | 9/17 |
| Maximum activity | 0.000023 | 0.000018 | 0.000020 | 0.000020 | 0.000020 | 0.000020 | 0.000018 | 0.000021 | 0.000020 | 0.000020 | 0.000019 | 0.000020 |
| 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 |

▲ TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 10/15 | 11/15 | 12/15 | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 | 7/16 | 8/16 | 9/16 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.780 | 1.780 | 2.880 | 1.750 | 1.750 | 1.750 | 1.930 | 2.000 | 2.000 | 1.930 | 1.890 | 1.950 |
| 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 |

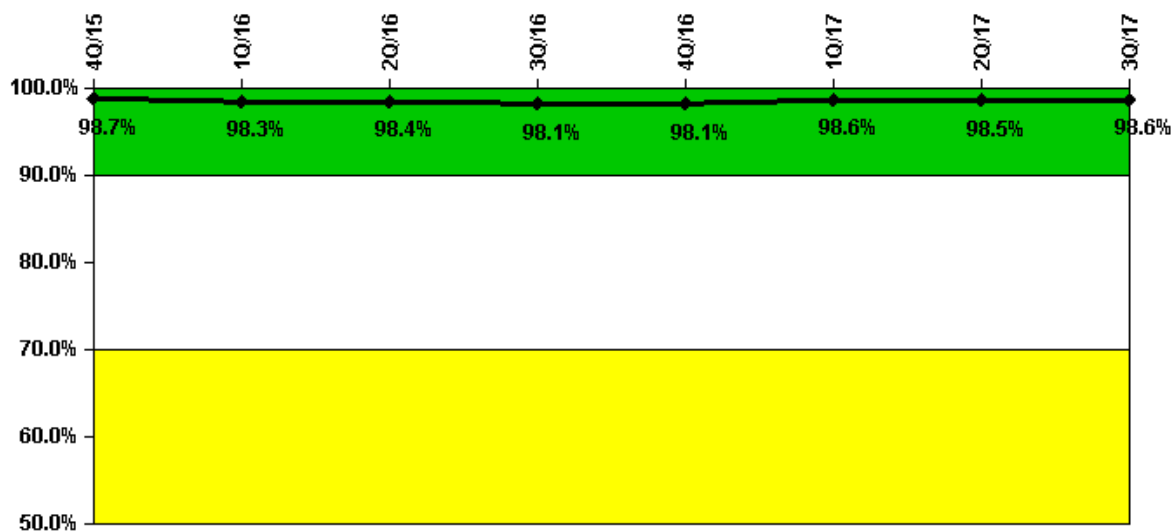
| Indicator value | 7.1 | 7.1 | 11.5 | 7.0 | 7.0 | 7.0 | 7.7 | 8.0 | 8.0 | 7.7 | 7.6 | 7.8 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Reactor Coolant System Leakage | 10/16 | 11/16 | 12/16 | 1/17 | 2/17 | 3/17 | 4/17 | 5/17 | 6/17 | 7/17 | 8/17 | 9/17 |
| Maximum leakage | 1.880 | 1.740 | 1.750 | 1.760 | 1.760 | 1.790 | 1.790 | 1.850 | 1.790 | 1.810 | 1.810 | 1.810 |
| 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 | 7.5 | 7.0 | 7.0 | 7.0 | 7.0 | 7.2 | 7.2 | 7.4 | 7.2 | 7.2 | 7.2 | 7.2 |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

▲ TOP

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 30.0 | 80.0 | 76.0 | 23.0 | 7.0 | 72.0 | 38.0 | 32.0 |
| Total opportunities | 30.0 | 81.0 | 77.0 | 24.0 | 7.0 | 73.0 | 39.0 | 32.0 |

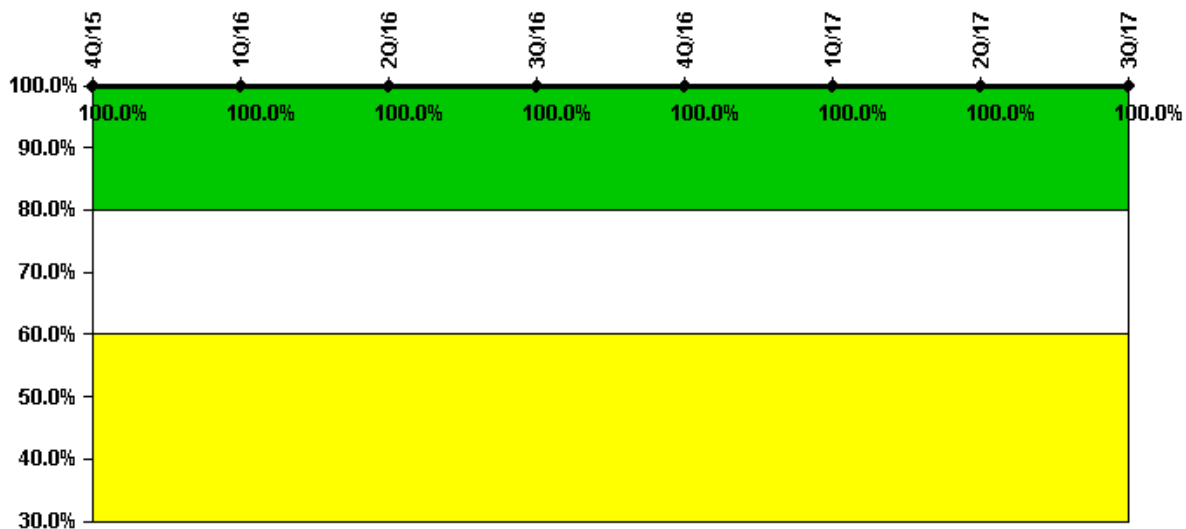
Indicator value **98.7% 98.3% 98.4% 98.1% 98.1% 98.6% 98.5% 98.6%**

▲ TOP

Licensee Comments:

2Q/16: Error in data reporting. Does not affect color indicator.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

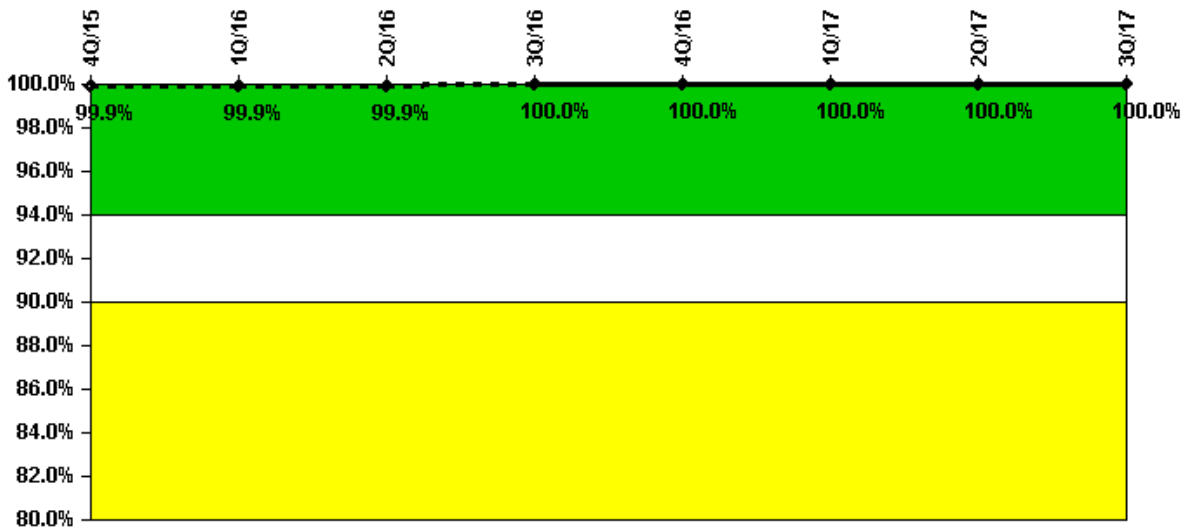
| ERO Drill Participation | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 78.0 | 72.0 | 74.0 | 75.0 | 72.0 | 74.0 | 71.0 | 72.0 |
| Total Key personnel | 78.0 | 72.0 | 74.0 | 75.0 | 72.0 | 74.0 | 71.0 | 72.0 |

Indicator value **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%**

▲ TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

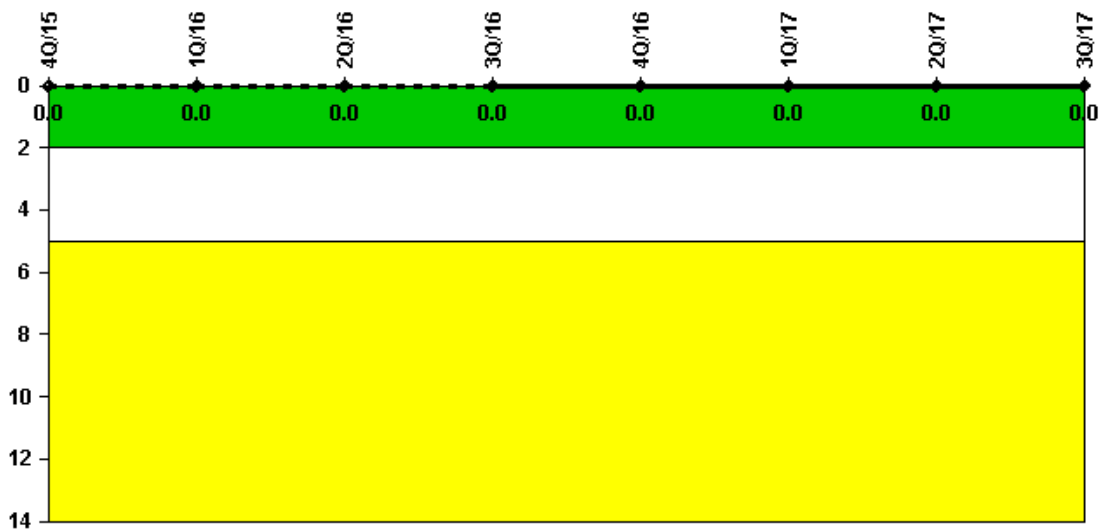
| Alert & Notification System | 4Q/15 | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1259 | 1261 | 1261 | 1261 | 1261 | 1260 | 1261 | 1261 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |

Indicator value **99.9%** **99.9%** **99.9%** **100.0%** **100.0%** **100.0%** **100.0%** **100.0%**

▲ TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

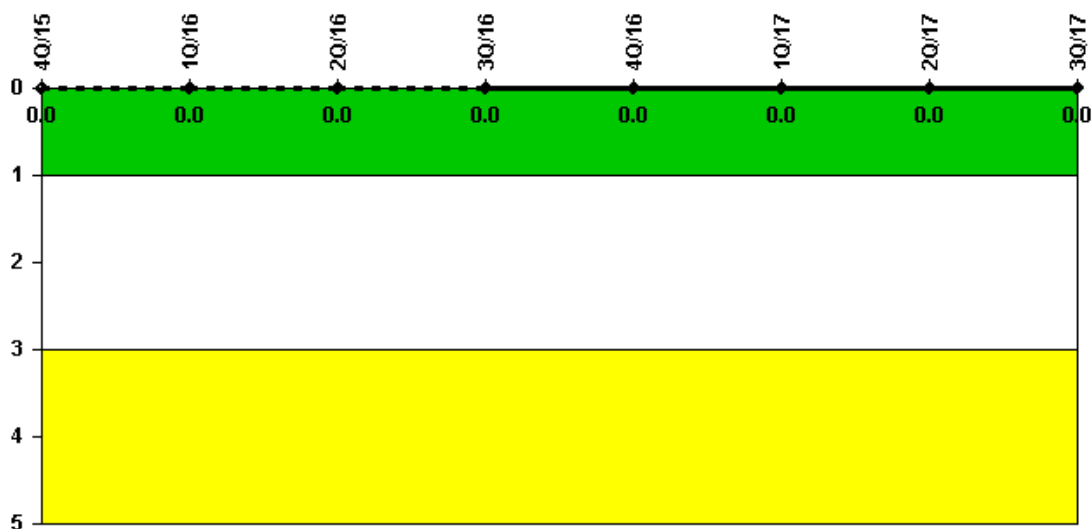
Occupational Exposure Control Effectiveness 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

| | | | | | | | | |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 |

▲ TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

[TOP](#)

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.

Current data as of: October 31, 2017

Page Last Reviewed/Updated Monday, November 06, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries > Peach Bottom 2 > Quarterly Performance Indicators

Peach Bottom 2 – Quarterly Performance Indicators

4Q/2017 Performance Indicators

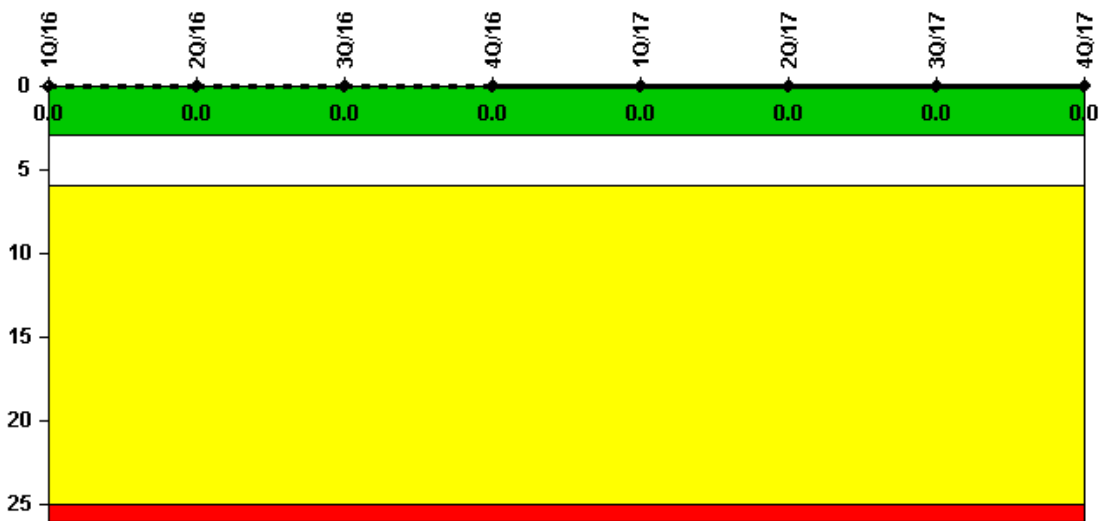
The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

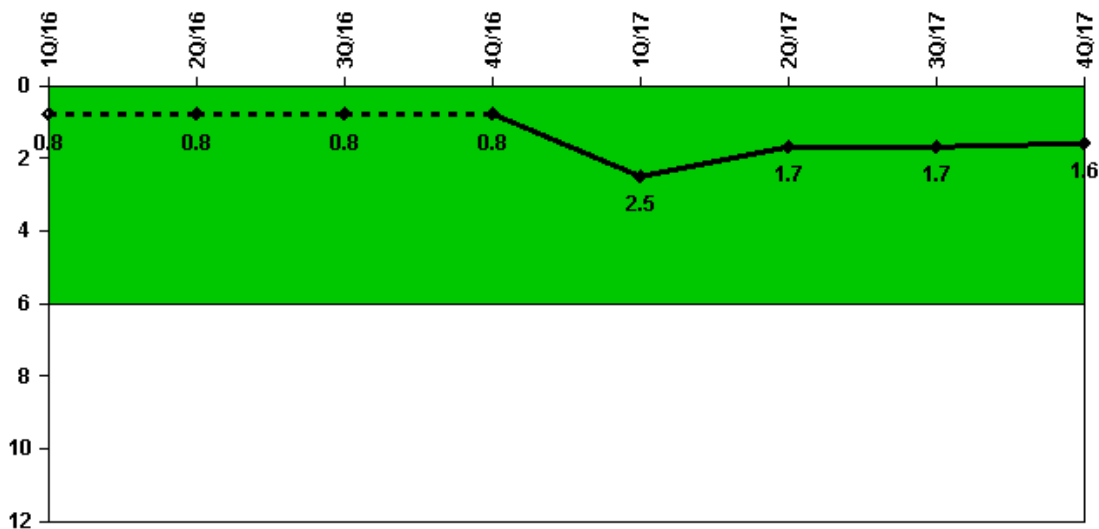
| Unplanned Scrams per 7000 Critical Hrs | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned scrams | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2183.0 | 2184.0 | 2208.0 | 1797.1 | 2159.0 | 2184.0 | 2208.0 | 2209.0 |

| Indicator value | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------|---|---|---|---|---|---|---|---|
|-----------------|---|---|---|---|---|---|---|---|

▲ TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

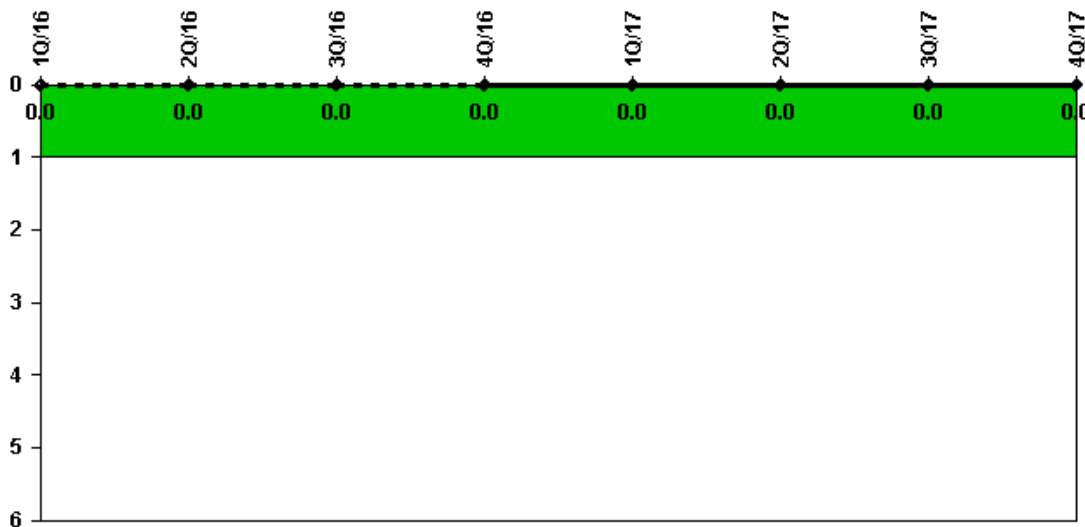
Notes

| Unplanned Power Changes per 7000 Critical Hrs | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Unplanned power changes | 0 | 1.0 | 0 | 0 | 2.0 | 0 | 0 | 0 |
| Critical hours | 2183.0 | 2184.0 | 2208.0 | 1797.1 | 2159.0 | 2184.0 | 2208.0 | 2209.0 |
| Indicator value | 0.8 | 0.8 | 0.8 | 0.8 | 2.5 | 1.7 | 1.7 | 1.6 |

▲ TOP

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

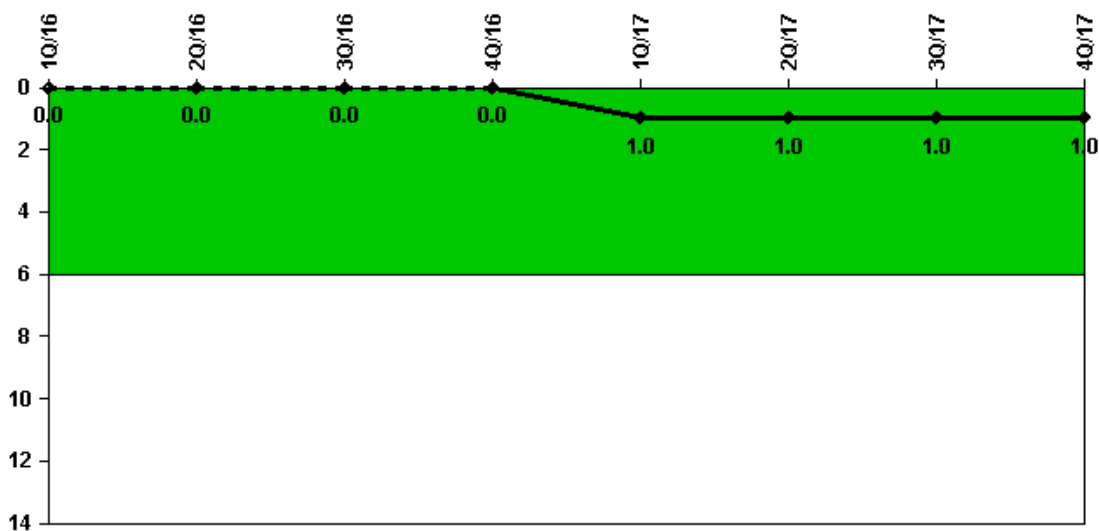
Notes

| Unplanned Scrams with Complications | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 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 |

▲ TOP

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR) 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17

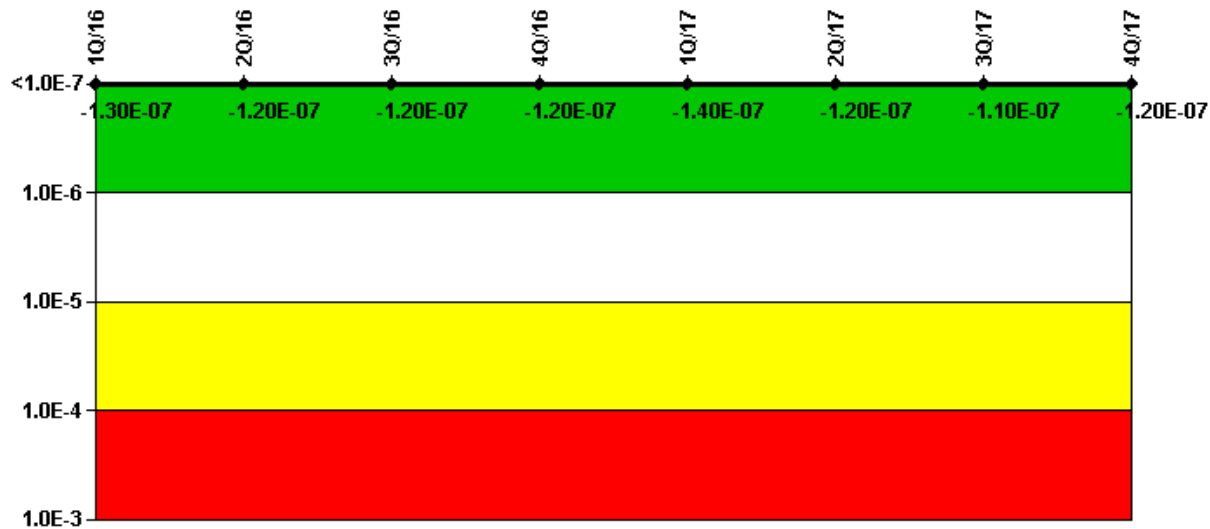
Safety System Functional Failures 0 0 0 0 1 0 0 0

Indicator value 0 0 0 0 1 1 1 1

▲ TOP

Licensee Comments:
1Q/17: LER 2-17-001

Mitigating Systems Performance Index, Emergency AC Power System



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

Notes

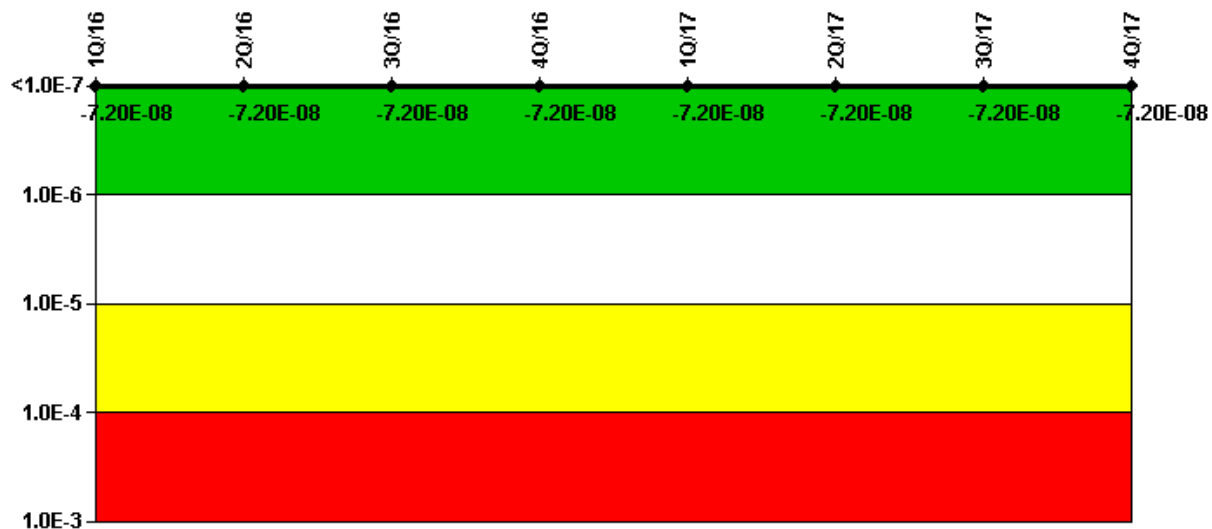
Mitigating Systems Performance Index, Emergency AC Power System

| | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (Δ CDF) | -5.70E-09 | 4.33E-09 | 1.66E-09 | 4.04E-09 | -1.02E-08 | 7.35E-09 | 1.75E-08 | 1.41E-08 |
| URI (Δ CDF) | -1.25E-07 | -1.26E-07 | -1.24E-07 | -1.27E-07 | -1.29E-07 | -1.30E-07 | -1.29E-07 | -1.30E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.30E-07 | -1.20E-07 | -1.20E-07 | -1.20E-07 | -1.40E-07 | -1.20E-07 | -1.10E-07 | -1.20E-07 |

▲ TOP

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

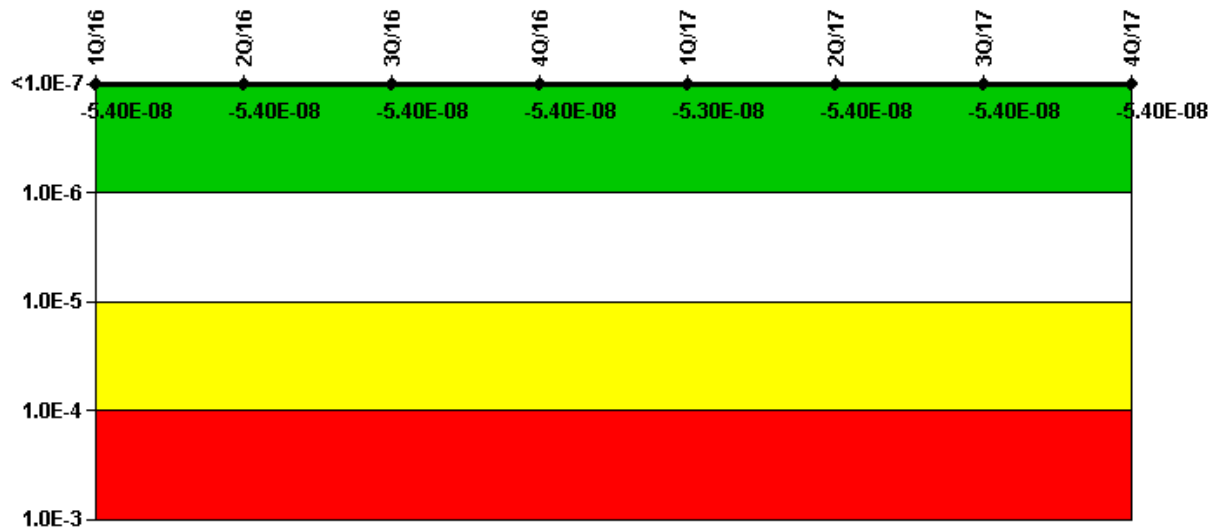
Mitigating Systems Performance Index, High Pressure Injection System

| | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (Δ CDF) | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 | -2.86E-08 |
| URI (Δ CDF) | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 | -4.36E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 | -7.20E-08 |

▲ TOP

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

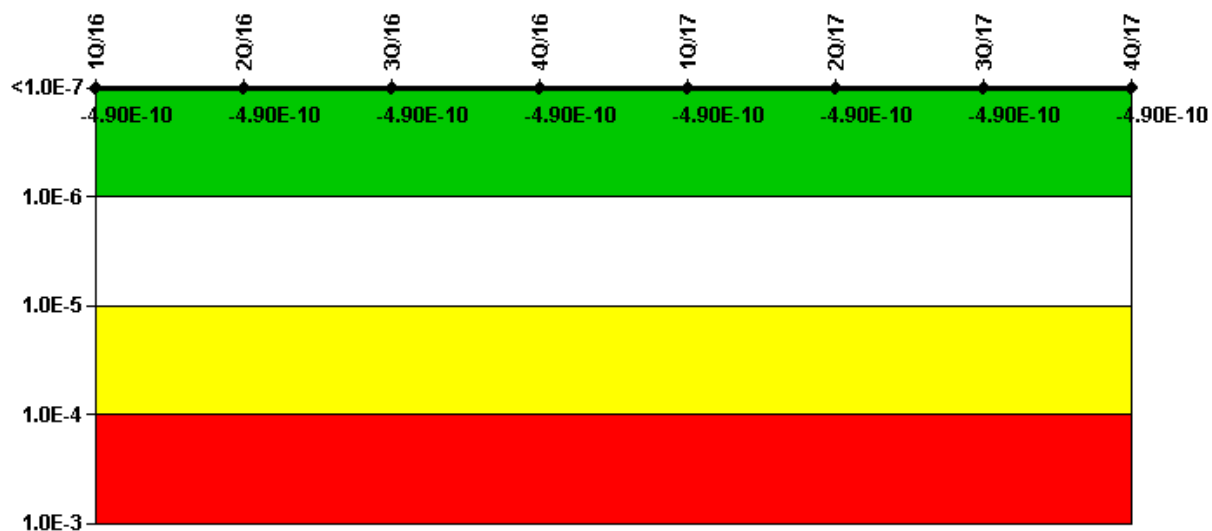
| | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (ΔCDF) | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.79E-08 | -1.66E-08 | -1.79E-08 | -1.79E-08 | -1.76E-08 |
| URI (ΔCDF) | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 | -3.62E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 | -5.30E-08 | -5.40E-08 | -5.40E-08 | -5.40E-08 |

▲ TOP

Licensee Comments:

1Q/17: Change report for MO-2-13-132 determined not to be an MSPI failure.

Mitigating Systems Performance Index, Residual Heat Removal System



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

Notes

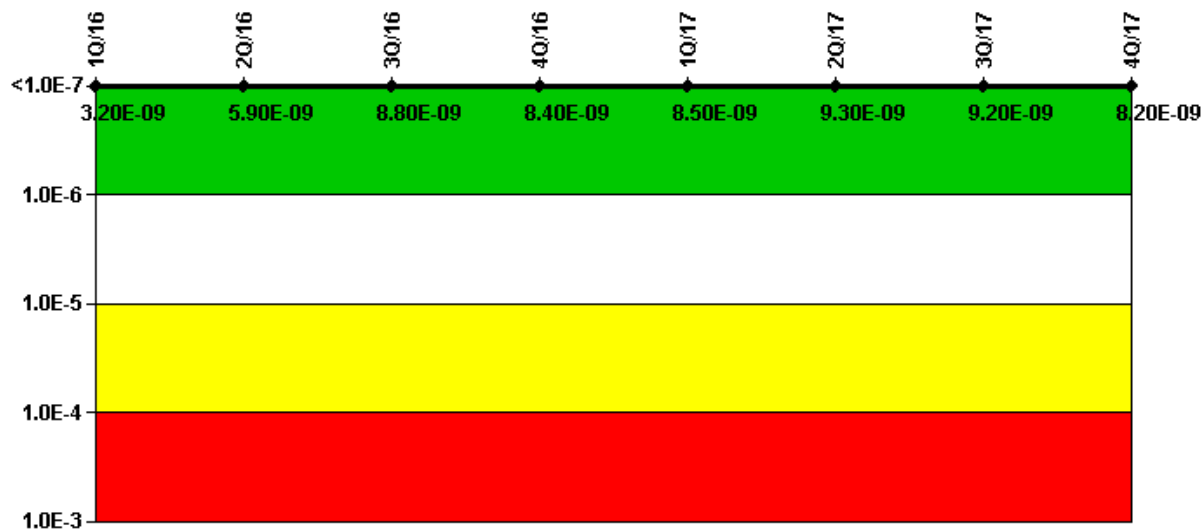
Mitigating Systems Performance Index, Residual Heat Removal System

| | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| UAI (Δ CDF) | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| URI (Δ CDF) | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 | -4.86E-10 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 | -4.90E-10 |

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

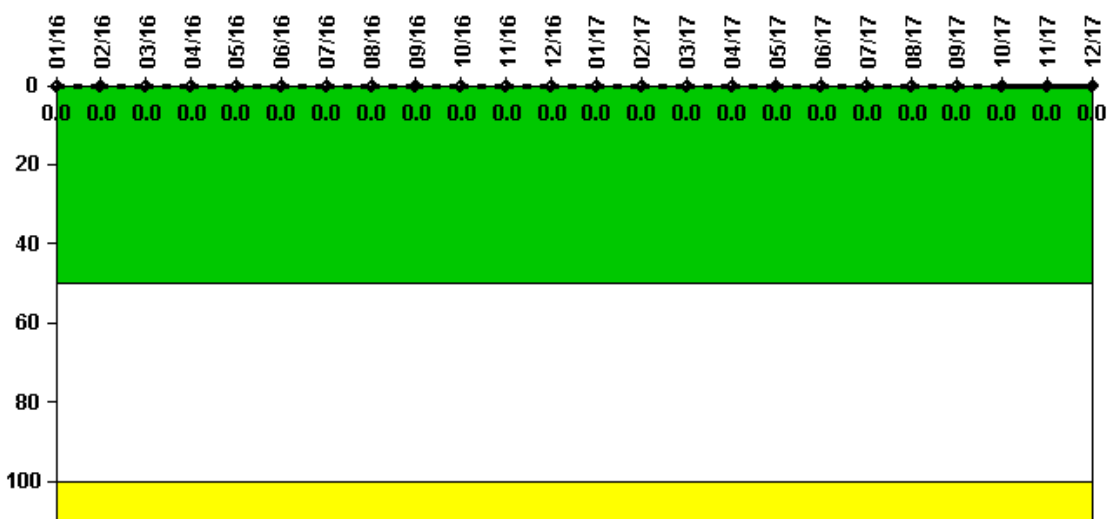
Mitigating Systems Performance Index, Cooling Water Systems

| | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| UAI (ΔCDF) | 5.57E-09 | 5.40E-09 | 5.44E-09 | 5.14E-09 | 5.20E-09 | 6.07E-09 | 5.99E-09 | 4.91E-09 |
| URI (ΔCDF) | -2.35E-09 | 5.18E-10 | 3.39E-09 | 3.26E-09 | 3.26E-09 | 3.26E-09 | 3.26E-09 | 3.26E-09 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | 3.20E-09 | 5.90E-09 | 8.80E-09 | 8.40E-09 | 8.50E-09 | 9.30E-09 | 9.20E-09 | 8.20E-09 |

▲ TOP

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

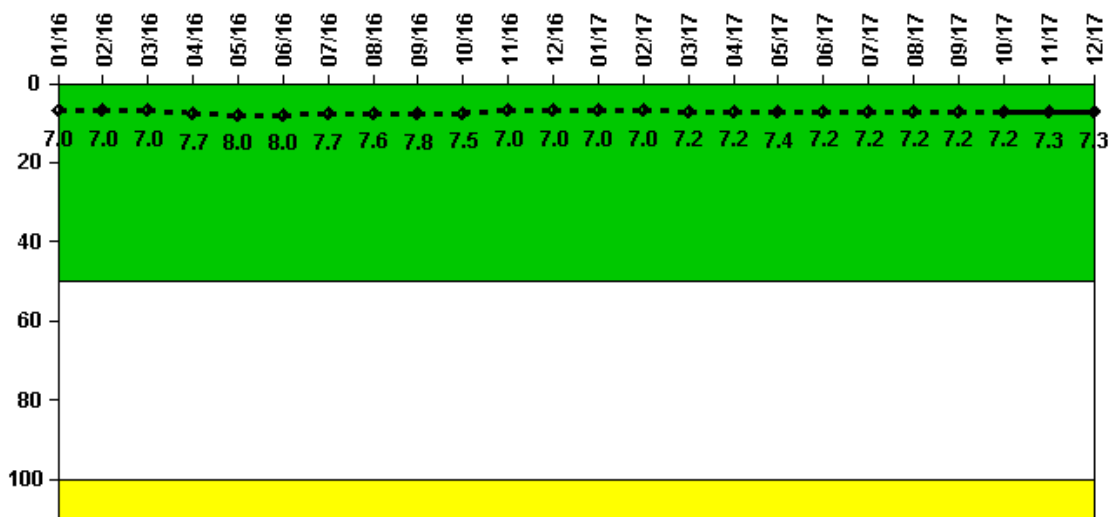
Notes

| Reactor Coolant System Activity | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 | 7/16 | 8/16 | 9/16 | 10/16 | 11/16 | 12/16 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Maximum activity | 0.000023 | 0.000025 | 0.000020 | 0.000021 | 0.000038 | 0.000026 | 0.000030 | 0.000026 | 0.000026 | 0.000023 | 0.000018 | 0.000020 |
| 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 | 1/17 | 2/17 | 3/17 | 4/17 | 5/17 | 6/17 | 7/17 | 8/17 | 9/17 | 10/17 | 11/17 | 12/17 |
| Maximum activity | 0.000020 | 0.000020 | 0.000020 | 0.000018 | 0.000021 | 0.000020 | 0.000020 | 0.000019 | 0.000020 | 0.000022 | 0.000053 | 0.000020 |
| 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 |

▲ TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 1/16 | 2/16 | 3/16 | 4/16 | 5/16 | 6/16 | 7/16 | 8/16 | 9/16 | 10/16 | 11/16 | 12/16 |
|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum leakage | 1.750 | 1.750 | 1.750 | 1.930 | 2.000 | 2.000 | 1.930 | 1.890 | 1.950 | 1.880 | 1.740 | 1.750 |
| 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 |

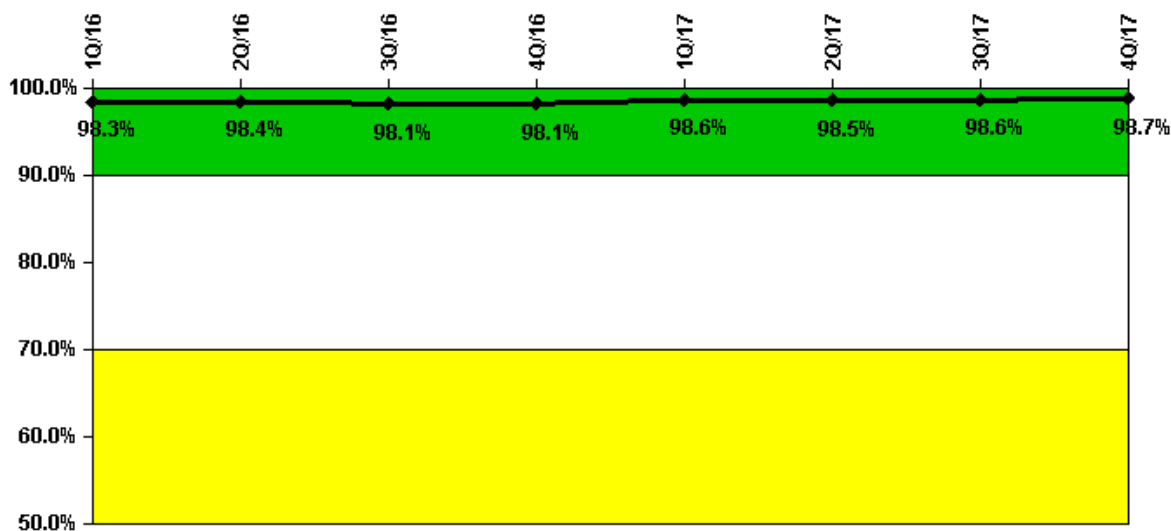
| Indicator value | 7.0 | 7.0 | 7.0 | 7.7 | 8.0 | 8.0 | 7.7 | 7.6 | 7.8 | 7.5 | 7.0 | 7.0 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Reactor Coolant System Leakage | 1/17 | 2/17 | 3/17 | 4/17 | 5/17 | 6/17 | 7/17 | 8/17 | 9/17 | 10/17 | 11/17 | 12/17 |
| Maximum leakage | 1.760 | 1.760 | 1.790 | 1.790 | 1.850 | 1.790 | 1.810 | 1.810 | 1.810 | 1.810 | 1.820 | 1.830 |
| 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 | 7.0 | 7.0 | 7.2 | 7.2 | 7.4 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|

▲ TOP

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 80.0 | 76.0 | 23.0 | 7.0 | 72.0 | 38.0 | 32.0 | 44.0 |
| Total opportunities | 81.0 | 77.0 | 24.0 | 7.0 | 73.0 | 39.0 | 32.0 | 44.0 |

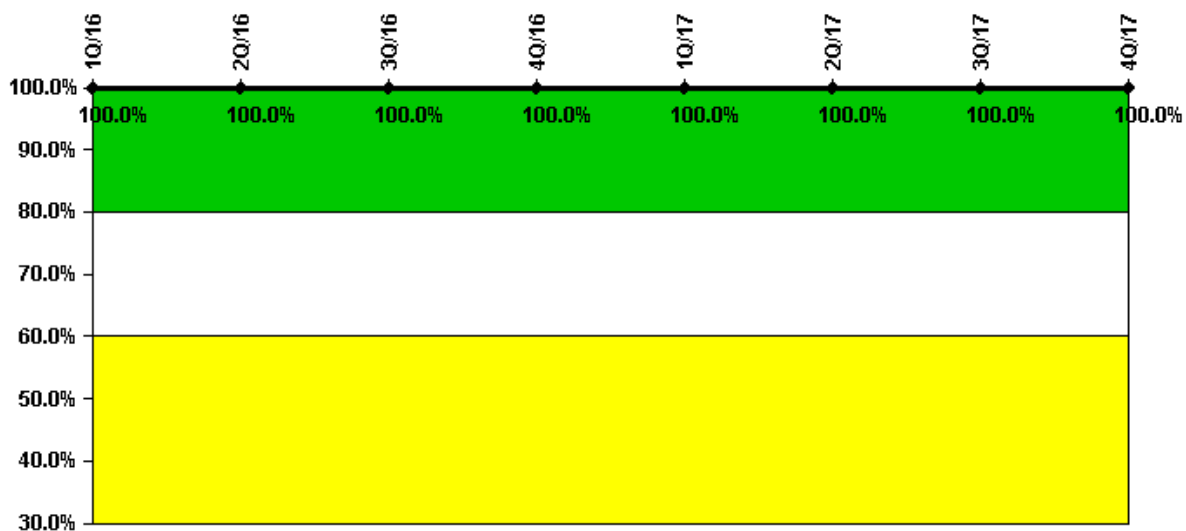
Indicator value **98.3% 98.4% 98.1% 98.1% 98.6% 98.5% 98.6% 98.7%**

▲ TOP

Licensee Comments:

2Q/16: Error in data reporting. Does not affect color indicator.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

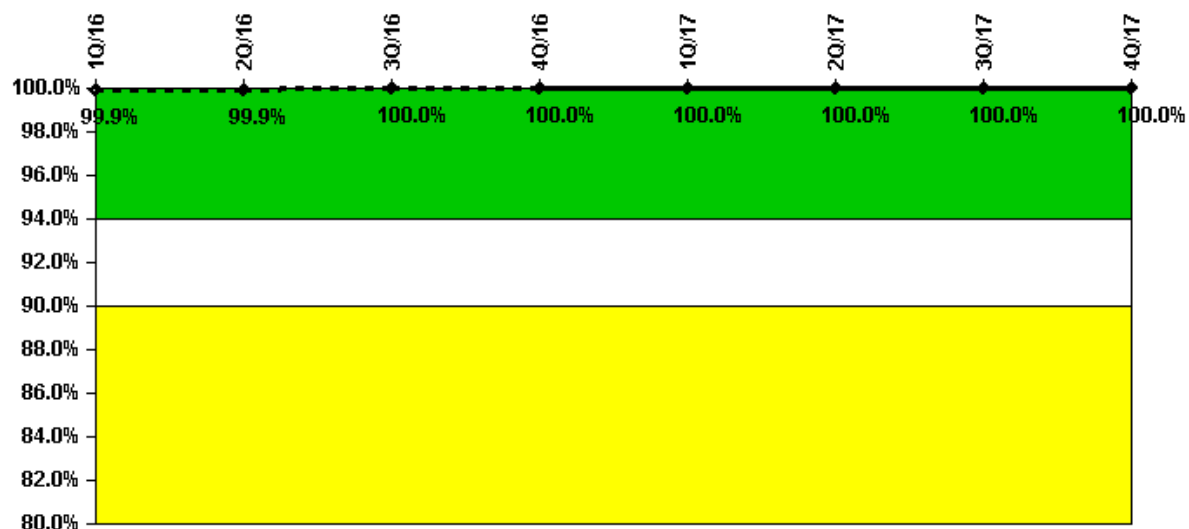
| ERO Drill Participation | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Participating Key personnel | 72.0 | 74.0 | 75.0 | 72.0 | 74.0 | 71.0 | 72.0 | 77.0 |
| Total Key personnel | 72.0 | 74.0 | 75.0 | 72.0 | 74.0 | 71.0 | 72.0 | 77.0 |

Indicator value **100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%**

▲ TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

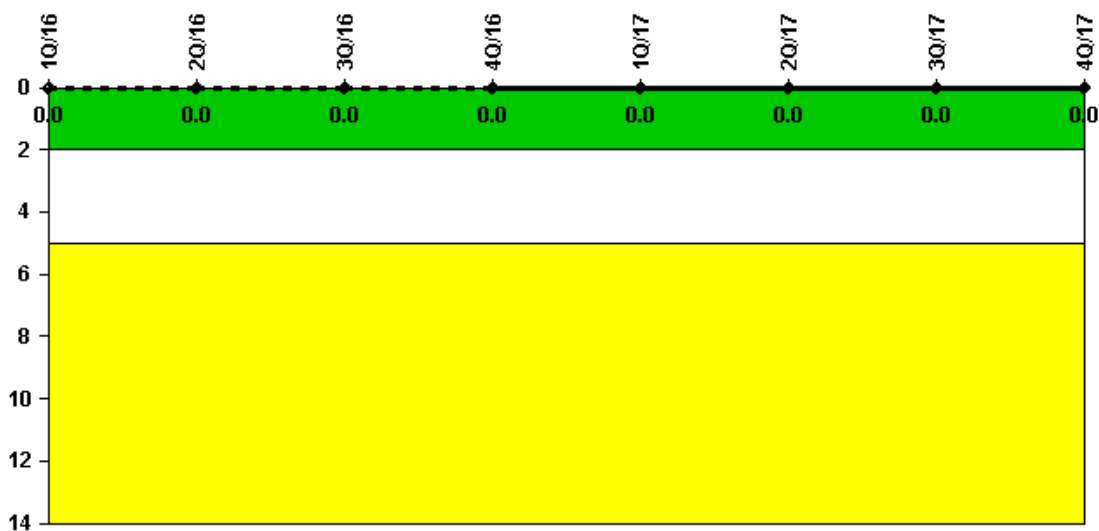
| Alert & Notification System | 1Q/16 | 2Q/16 | 3Q/16 | 4Q/16 | 1Q/17 | 2Q/17 | 3Q/17 | 4Q/17 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful siren-tests | 1261 | 1261 | 1261 | 1261 | 1260 | 1261 | 1261 | 1261 |
| Total sirens-tests | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 | 1261 |

Indicator value **99.9%** **99.9%** **100.0%** **100.0%** **100.0%** **100.0%** **100.0%** **100.0%**

▲ TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

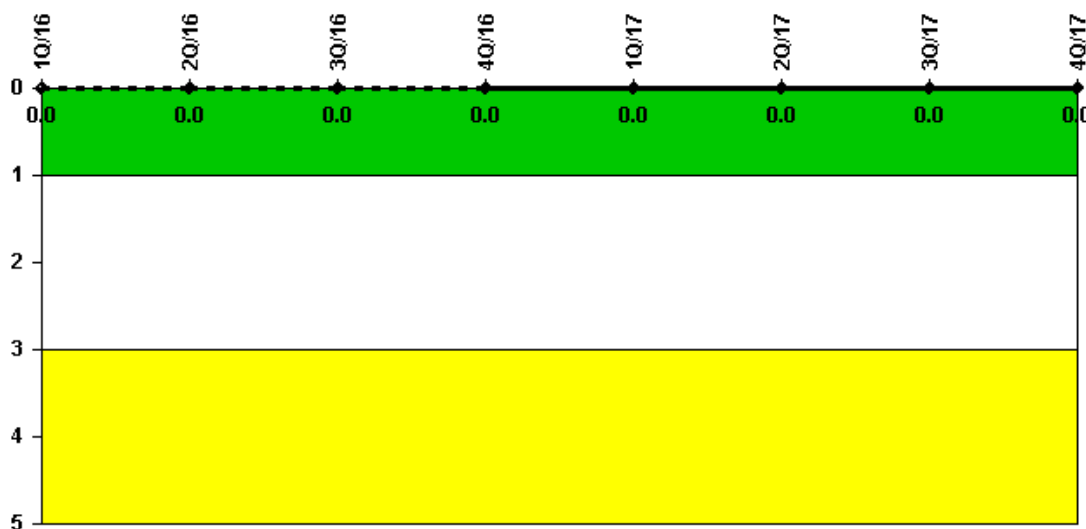
Occupational Exposure Control Effectiveness 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17

| | | | | | | | | |
|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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 |

TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17

RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

▲ TOP

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.

Current data as of: February 1, 2018

Page Last Reviewed/Updated Monday, November 06, 2017