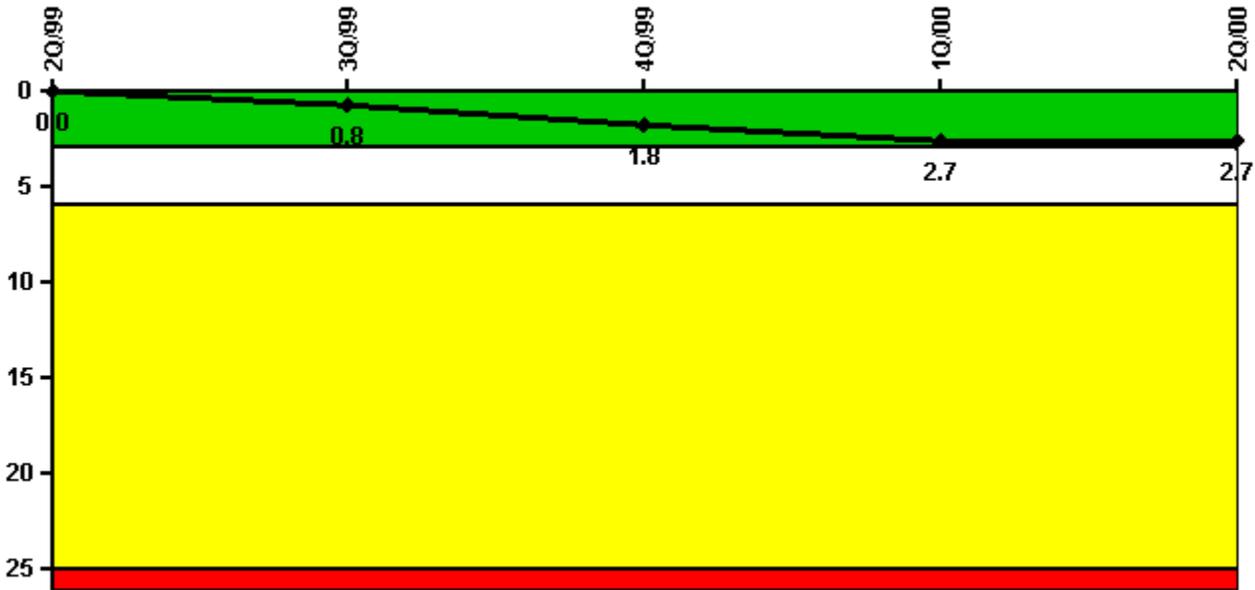


Callaway

2Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



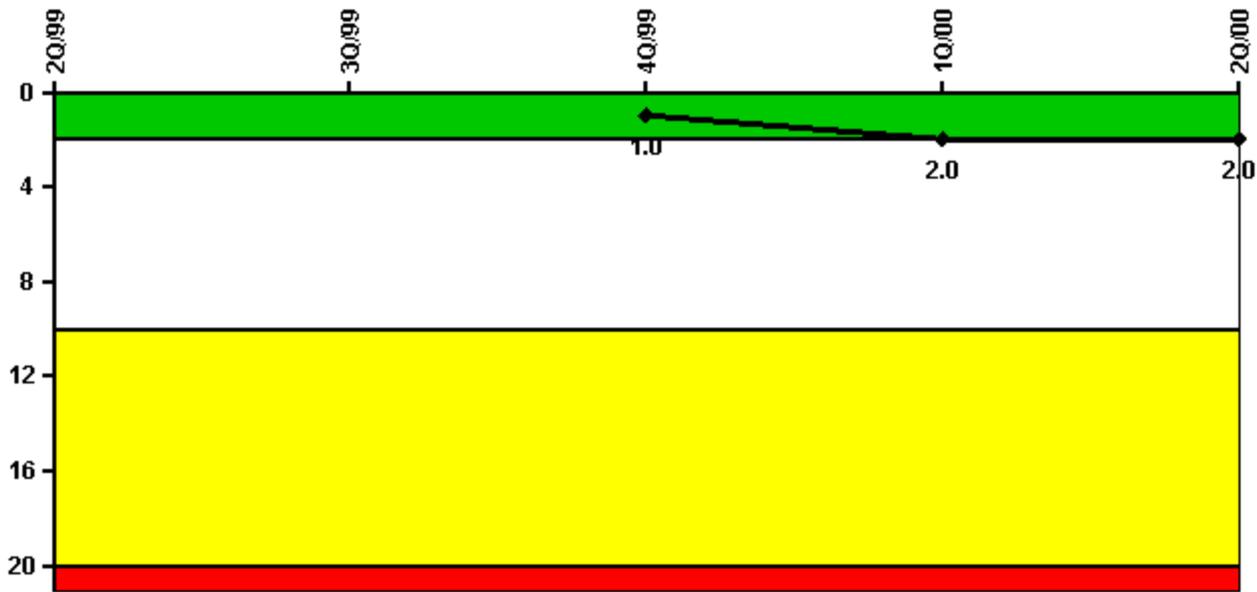
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

| Unplanned Scrams per 7000 Critical Hrs | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|--|----------|------------|------------|------------|------------|
| Unplanned scrams | 0 | 1.0 | 1.0 | 1.0 | 0 |
| Critical hours | 2183.0 | 2051.0 | 1375.0 | 2162.0 | 2183.0 |
| | | | | | |
| Indicator value | 0 | 0.8 | 1.8 | 2.7 | 2.7 |

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

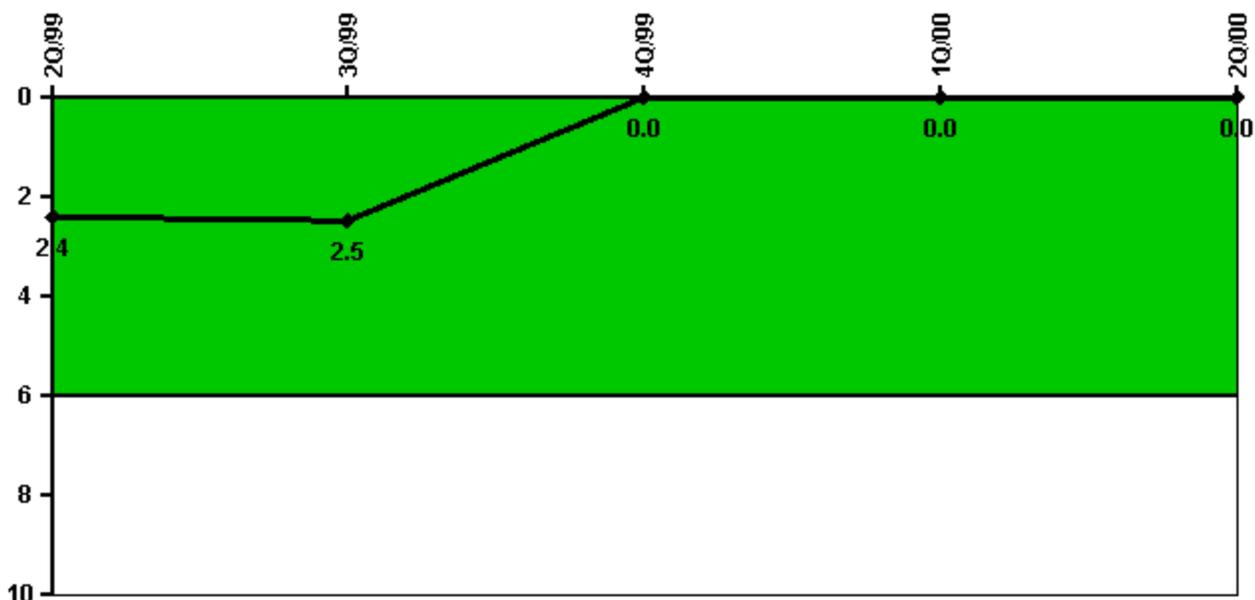
Notes

| Scrams with Loss of Normal Heat Removal | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|-------|-------|-------|-------|-------|
| Scrams | 0 | 1.0 | 0 | 1.0 | 0 |
| Indicator value | | | 1.0 | 2.0 | 2.0 |

Licensee Comments:

3Q/99: LER 99-003 is now being counted in this PI. This is based on review of FAQ 220 and discussions from the recent NEI PI Workshop on the application of the definitions for this indicator. The PI data will be affected from this point forward for 12 quarters. The indicator will remain in the licensee response band with this change.

Unplanned Power Changes per 7000 Critical Hrs



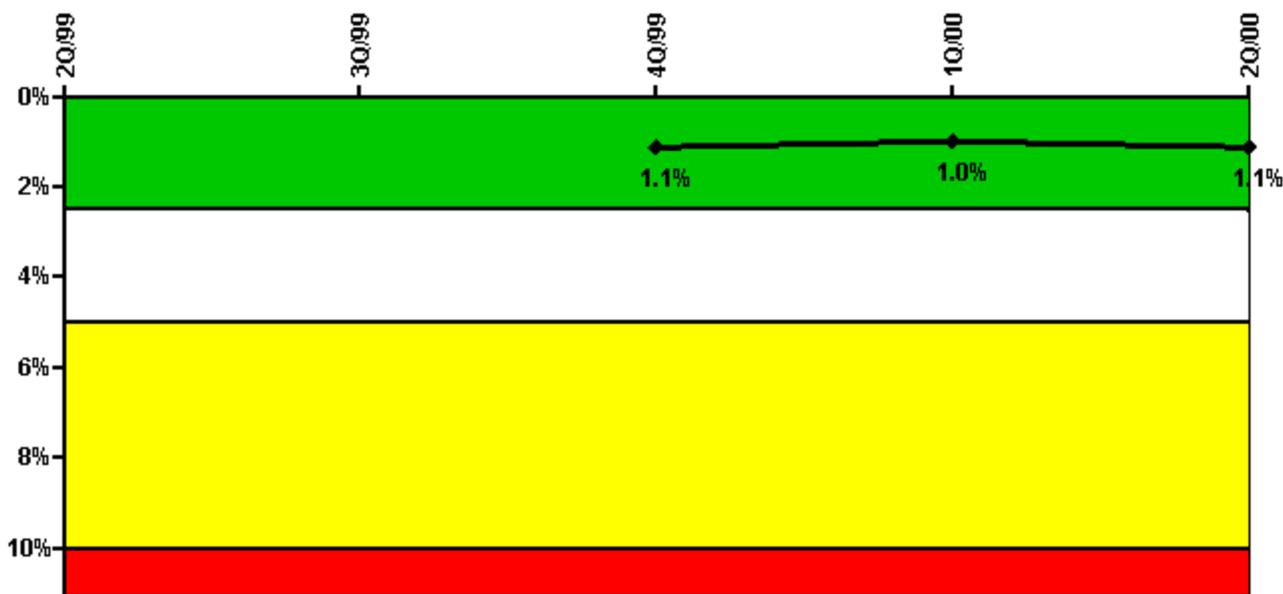
Thresholds: White > 6.0

Notes

| Unplanned Power Changes per 7000 Critical Hrs | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|------------|------------|----------|----------|----------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 0 |
| Critical hours | 2183.0 | 2051.0 | 1375.0 | 2162.0 | 2183.0 |
| | | | | | |
| Indicator value | 2.4 | 2.5 | 0 | 0 | 0 |

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

| Safety System Unavailability, Emergency AC Power | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|--|---------|---------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 26.90 | 0 | 23.90 | 5.90 | 45.90 |
| Unplanned unavailable hours | 0 | 0 | 3.30 | 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 |
| Train 2 | | | | | |
| Planned unavailable hours | 0 | 0 | 31.70 | 45.50 | 3.40 |
| Unplanned unavailable hours | 0 | 0 | 0 | 4.10 | 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 | | | 1.1% | 1.0% | 1.1% |

Licensee Comments:

2Q/00: Data prior to 1/2000 will not be reviewed as specified in the 1st quarter data submittal. This decision is based on the approved response to FAQ 170 and discussions with NEI on applicability to Callaway.

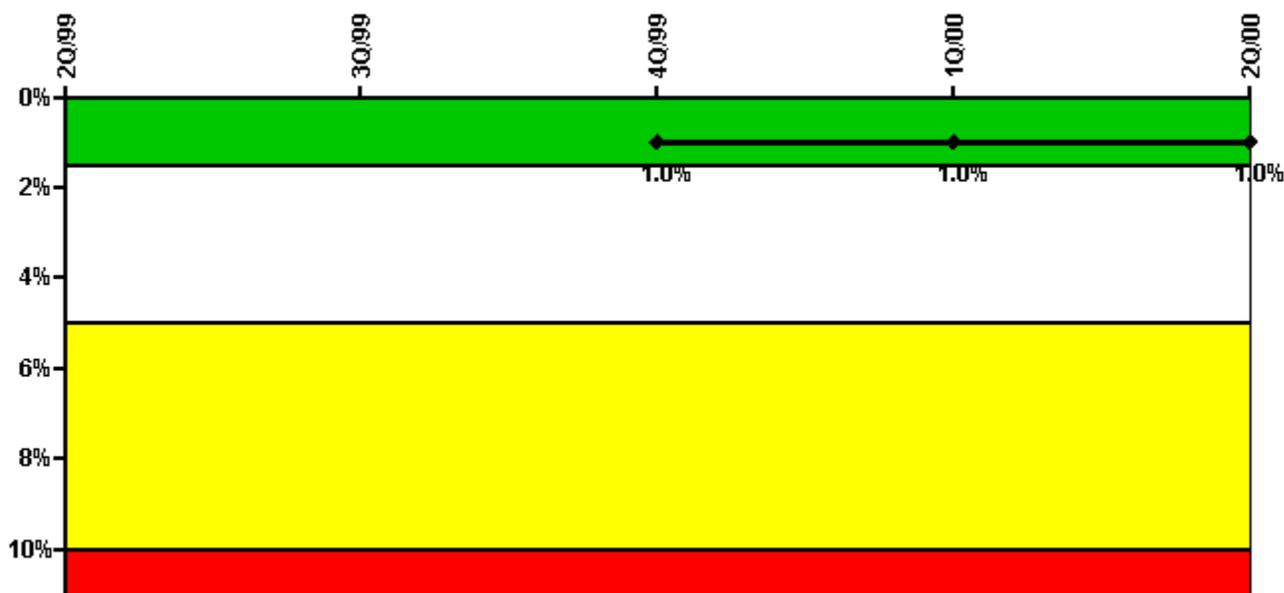
2Q/00: Data prior to 1/2000 will not be reviewed as specified in the 1st quarter data submittal. This decision is based on the approved response to FAQ 170 and discussions with NEI on applicability to Callaway.

1Q/00: Data prior to January 2000 is being reviewed for accuracy of unavailability hours related to support systems and/or surveillances. If discrepancies are found which result in a threshold being exceeded, an immediate change report will be issued. This concern has been entered in the site corrective action program. Data was revised in 2nd quarter submittal due to internal review effort. Changes did not result in a threshold color change.

1Q/00: Adjustments made due to additional review of work documents and/or shift equipment out of service logs. This change is for the March time period only and does not result in a color change for the indicator.

1Q/00: Adjustments made due to additional review of work documents and/or shift equipment out of service logs. This change is for the March time period only and does not result in a color change for the indicator.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

| Safety System Unavailability, High Pressure Injection System (HPSI) | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|---------|---------|---------|---------|---------|
| Train 1 | | | | | |
| Planned unavailable hours | 0 | 16.60 | 0 | 6.00 | 46.40 |
| Unplanned unavailable hours | 0 | 17.40 | 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 | 1489.00 | 2184.00 | 2183.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 11.90 | 0 | 0.10 | 64.20 | 6.20 |
| 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 | 1489.00 | 2184.00 | 2183.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 0 | 0 | 22.30 | 6.30 | 46.20 |
| Unplanned unavailable hours | 0 | 0 | 0 | 0 | 1.40 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 1489.00 | 2184.00 | 2183.00 |
| Train 4 | | | | | |

| | | | | | |
|-----------------------------|---------|---------|---------|---------|---------|
| Planned unavailable hours | 0 | 0 | 0 | 48.10 | 5.00 |
| Unplanned unavailable hours | 0 | 0 | 0 | 10.30 | 0 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 1489.00 | 2184.00 | 2183.00 |
| Indicator value | | | 1.0% | 1.0% | 1.0% |

Licensee Comments:

2Q/00: Data prior to 1/2000 will not be reviewed as specified in the 1st quarter data submittal. This decision is based on the approved response to FAQ 170 and discussions with NEI on applicability to Callaway.

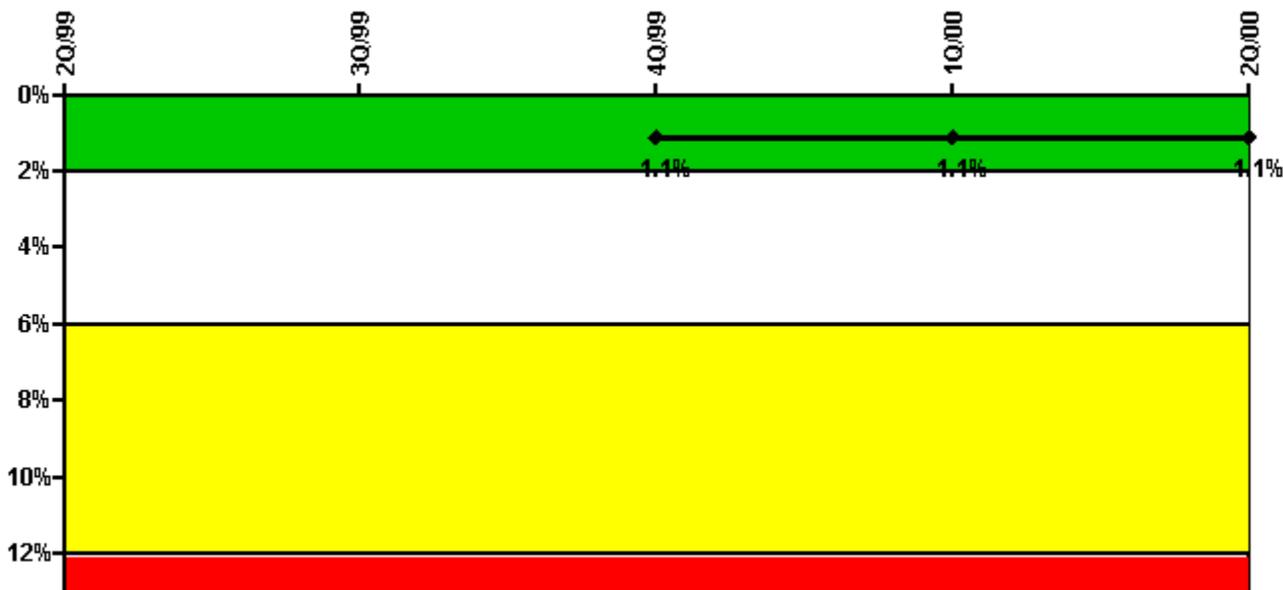
2Q/00: Minor changes made due to further review of equipment history. These changes do not result in a color change.

1Q/00: Data prior to January 2000 is being reviewed for accuracy of unavailability hours related to support systems and/or surveillances. If discrepancies are found which result in a threshold being exceeded, an immediate change report will be issued. This concern has been entered in the site corrective action program. Data was revised in 2nd quarter submittal due to internal review effort. Changes did not result in a threshold color change.

1Q/00: Adjustments made due to additional review of work documents and/or shift equipment out of service logs. This change does not result in a color change for the indicator.

1Q/00: Adjustments made due to additional review of work documents and/or shift equipment out of service logs. This change is for the March time period only and does not result in a color change for the indicator.

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

| Safety System Unavailability, Heat Removal System (AFW) | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|---------|---------|-------------|-------------|-------------|
| Train 1 | | | | | |
| Planned unavailable hours | 18.60 | 22.40 | 0 | 1.80 | 42.80 |
| 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 | 1489.00 | 2184.00 | 2183.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 25.90 | 0 | 59.60 | 4.20 | 6.30 |
| Unplanned unavailable hours | 0 | 0 | 0 | 4.90 | 0.60 |
| Fault exposure hours | 0 | 0 | 0 | 0 | 0 |
| Effective Reset hours | 0 | 0 | 0 | 0 | 0 |
| Required hours | 2183.00 | 2208.00 | 1489.00 | 2184.00 | 2183.00 |
| Train 3 | | | | | |
| Planned unavailable hours | 0.50 | 0 | 0 | 26.90 | 4.80 |
| 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 | 1471.00 | 2184.00 | 2183.00 |
| | | | | | |
| Indicator value | | | 1.1% | 1.1% | 1.1% |

Licensee Comments:

2Q/00: Minor changes made due to further review of equipment history. These changes do not result in a color change.

2Q/00: Minor changes made due to further review of equipment history. These changes do not result in a color change.

2Q/00: Data prior to 1/2000 will not be reviewed as specified in the 1st quarter data submittal. This decision is based on the approved response to FAQ 170 and discussions with NEI on applicability to Callaway.

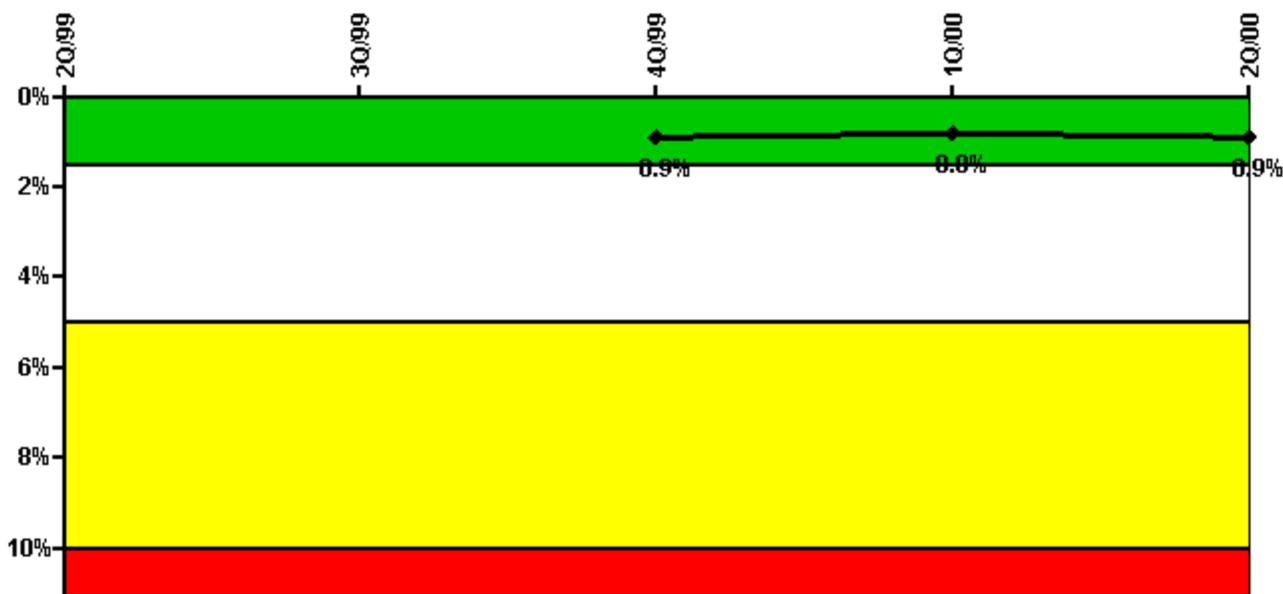
1Q/00: Adjustments made due to additional review of work documents and/or shift equipment out of service logs. This change does not result in a color change for the indicator.

1Q/00: Data prior to January 2000 is being reviewed for accuracy of unavailability hours related to support systems and/or surveillances. If discrepancies are found which result in a threshold being exceeded, an immediate change report will be issued. This concern has been entered in the site corrective action program. Data was revised in 2nd quarter submittal due to internal review effort. Changes did not result in a threshold color change.

1Q/00: Adjustments made due to additional review of work documents and/or shift equipment out of service logs. This change does not result in a color change for the indicator.

1Q/00: Adjustments made due to additional review of work documents and/or shift equipment out of service logs. This change is for the March time period only and does not result in a color change for the indicator.

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 | 21.80 | 0 | 0 | 4.00 | 69.00 |
| 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 | 2183.00 | 2208.00 | 2055.00 | 2184.00 | 2183.00 |
| Train 2 | | | | | |
| Planned unavailable hours | 0 | 18.00 | 0 | 21.10 | 6.40 |
| 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 | 2055.00 | 2184.00 | 2183.00 |
| | | | | | |
| Indicator value | | | 0.9% | 0.8% | 0.9% |

Licensee Comments:

2Q/00: Data prior to 1/2000 will not be reviewed as specified in the 1st quarter data submittal. This decision is based on the approved response to FAQ 170 and discussions with NEI on applicability to Callaway.

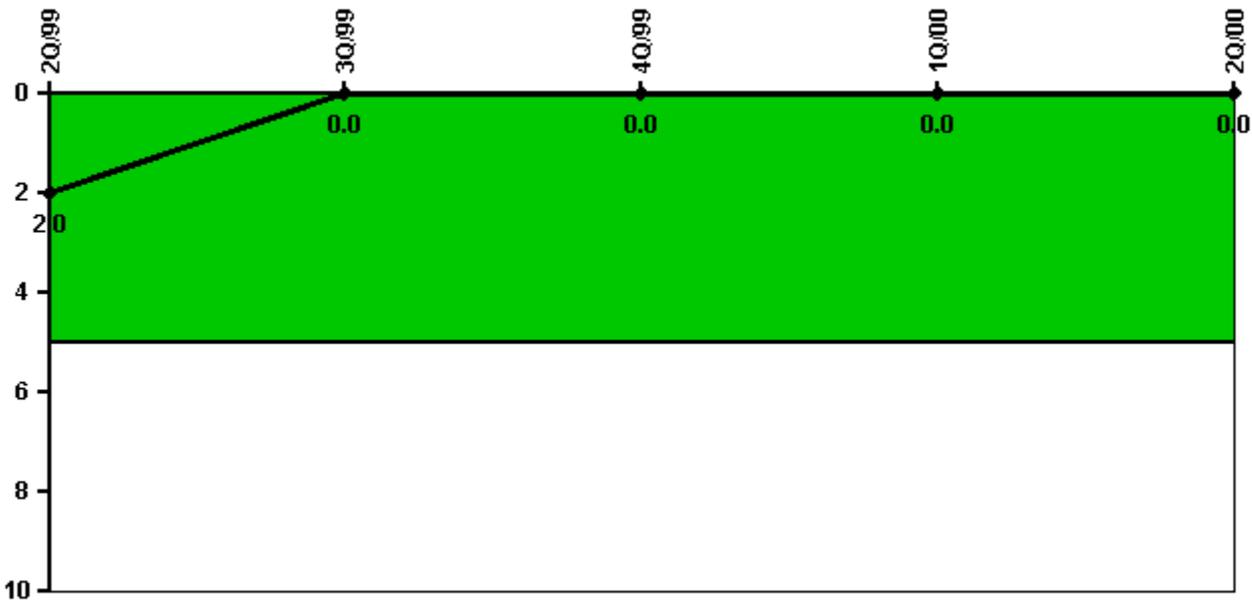
2Q/00: Minor changes made due to further review of equipment history. These changes do not result in a color change.

1Q/00: Data prior to January 2000 is being reviewed for accuracy of unavailability hours related to support systems and/or surveillances. If discrepancies are found which result in a threshold being exceeded, an immediate change report will be issued. This concern has been entered in the site corrective action program. Data was revised in 2nd quarter submittal due to internal review effort. Changes did not result in a threshold color change.

1Q/00: Adjustments made due to additional review of work documents and/or shift equipment out of service logs. This change does not result in a color change for the indicator.

1Q/00: Adjustments made due to additional review of work documents and/or shift equipment out of service logs. This change is for the March time period only and does not result in a color change for the indicator.

Safety System Functional Failures (PWR)



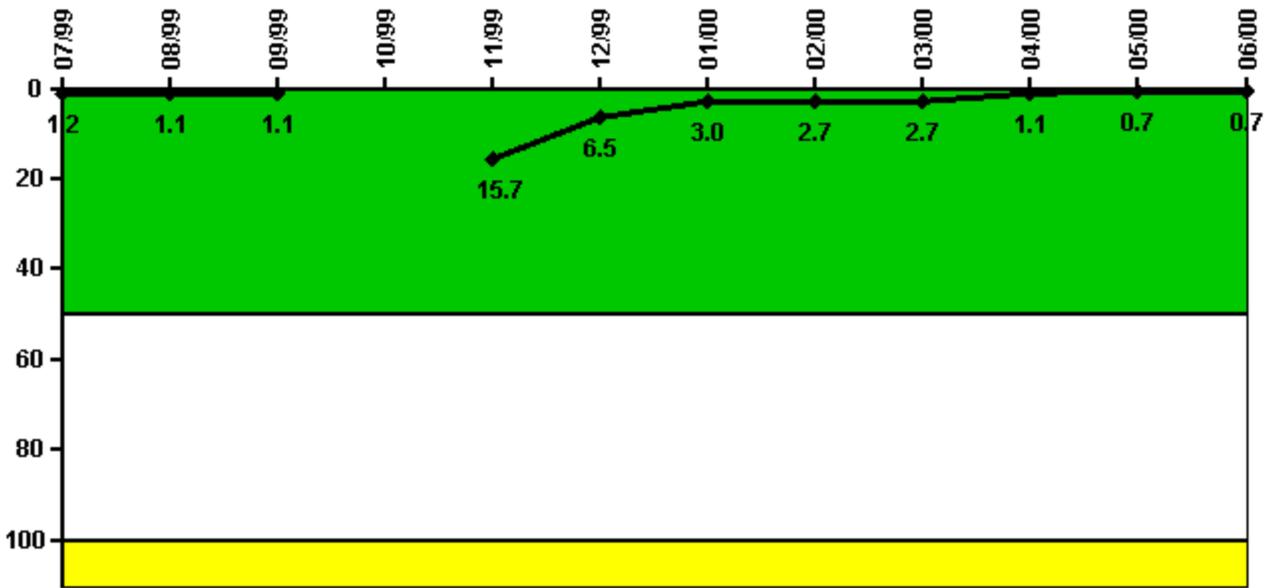
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



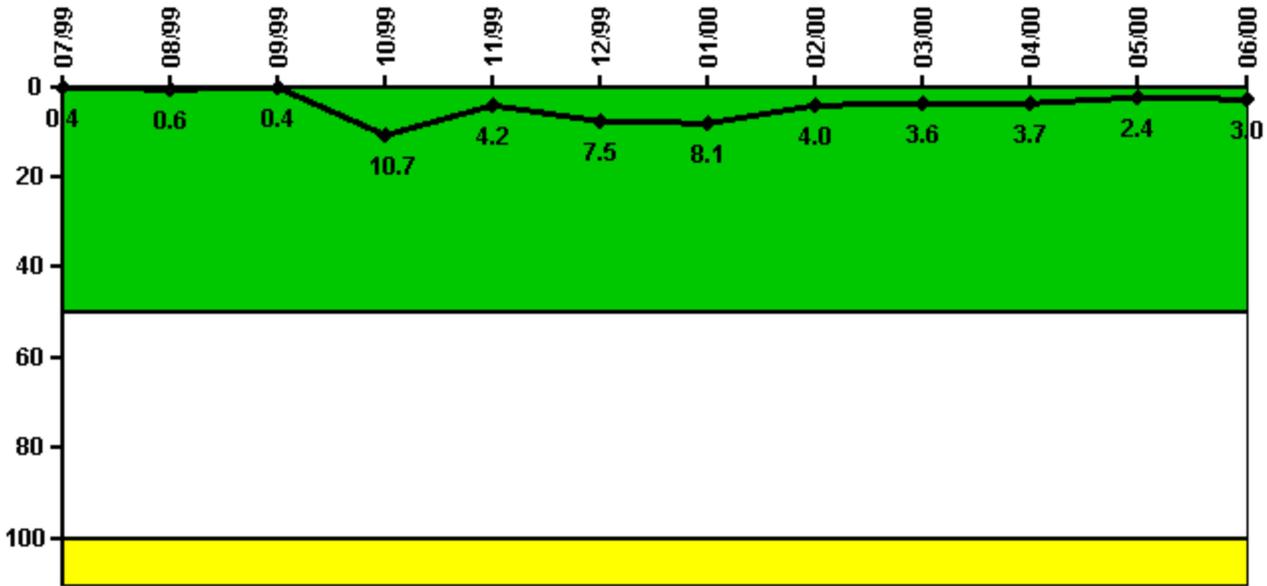
Thresholds: White > 50.0 Yellow > 100.0

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 | 0.011700 | 0.011300 | 0.011400 | N/A | 0.157000 | 0.064500 | 0.030000 | 0.027000 | 0.027000 | 0.011000 | 0.007000 | 0.007000 |
| Technical specification limit | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Indicator value | 1.2 | 1.1 | 1.1 | N/A | 15.7 | 6.5 | 3.0 | 2.7 | 2.7 | 1.1 | 0.7 | 0.7 |

Licensee Comments: none

Reactor Coolant System Leakage



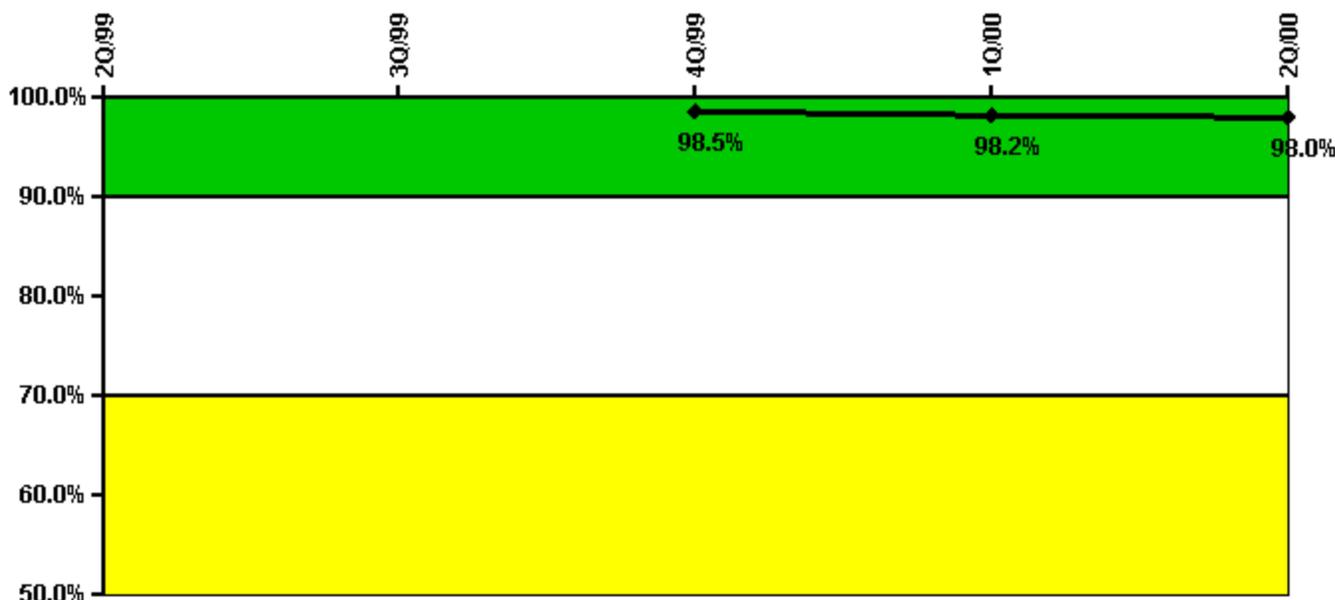
Thresholds: White > 50.0 Yellow > 100.0

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 | 0.043 | 0.057 | 0.039 | 1.071 | 0.416 | 0.750 | 0.810 | 0.400 | 0.360 | 0.369 | 0.244 | 0.295 |
| Technical specification limit | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Indicator value | 0.4 | 0.6 | 0.4 | 10.7 | 4.2 | 7.5 | 8.1 | 4.0 | 3.6 | 3.7 | 2.4 | 3.0 |

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

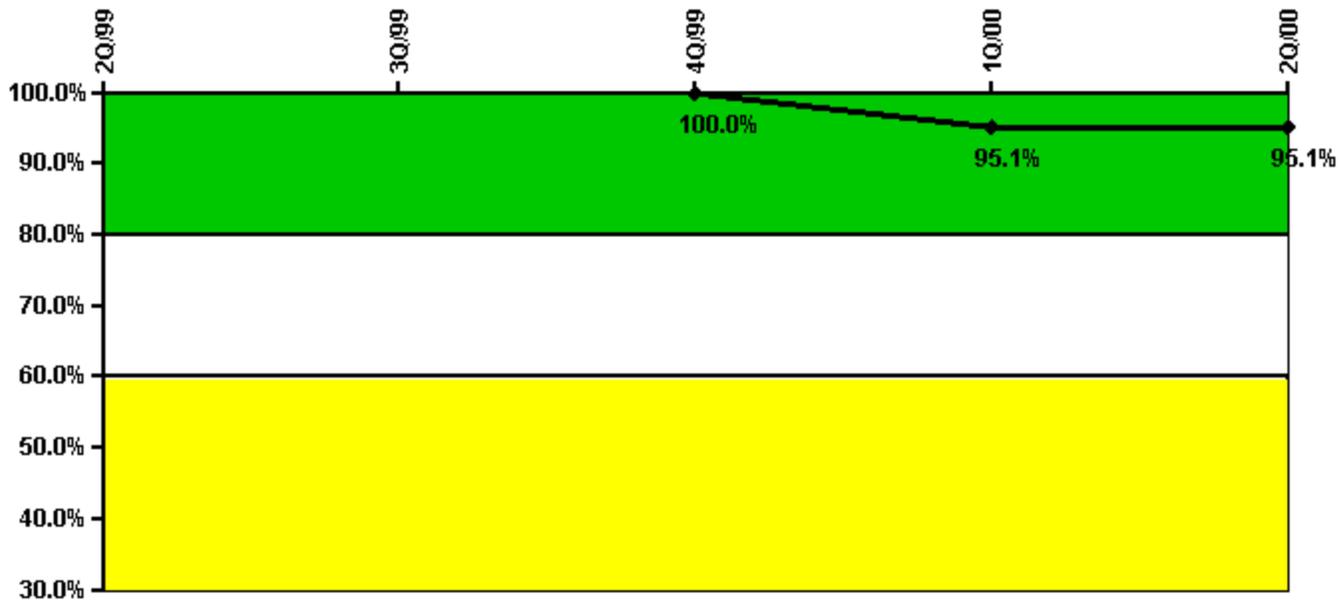
| Drill/Exercise Performance | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|----------------------------|-------|-------|--------------|--------------|--------------|
| Successful opportunities | 12.0 | 19.0 | 26.0 | 25.0 | 23.0 |
| Total opportunities | 13.0 | 22.0 | 27.0 | 26.0 | 24.0 |
| | | | | | |
| Indicator value | | | 98.5% | 98.2% | 98.0% |

Licensee Comments:

2Q/00: Revised the number of correct classifications based on review of drill documentation. This improved the indicator and does not result in a color change.

1Q/00: The number of opportunities was revised based on review of FAQs and NEI 99-02. This improved the indicator and does not result in a color change.

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 | | | 96.0 | 77.0 | 78.0 |
| Total Key personnel | | | 96.0 | 81.0 | 82.0 |
| | | | | | |
| Indicator value | | | 100.0% | 95.1% | 95.1% |

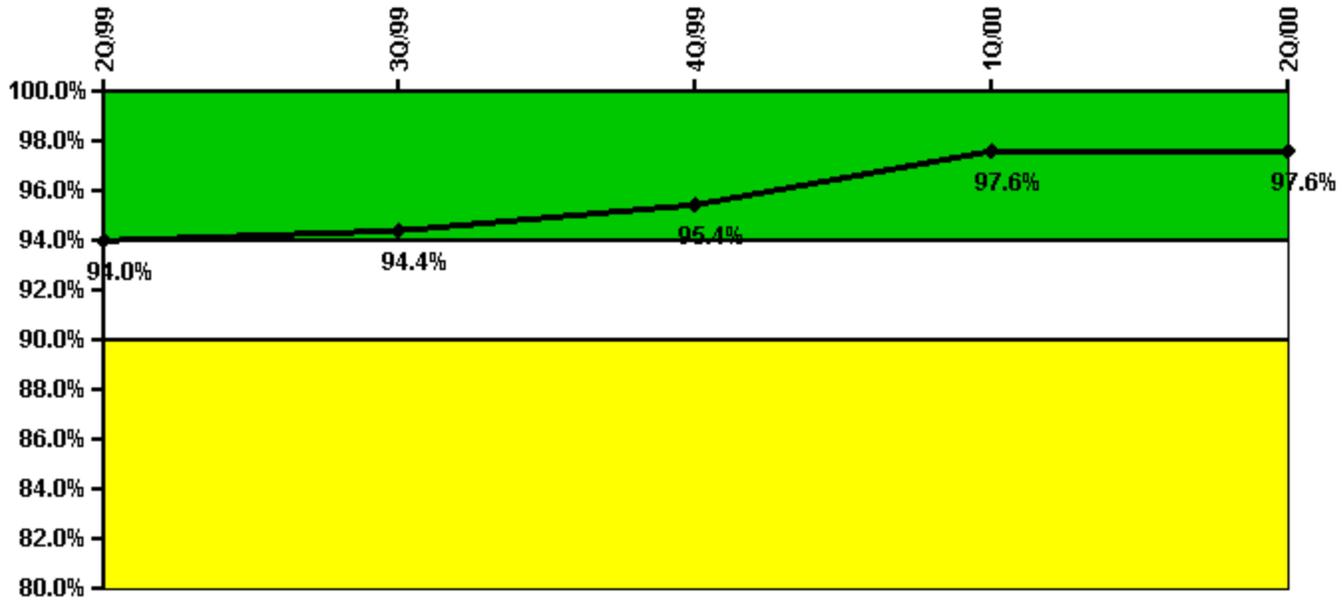
Licensee Comments:

2Q/00: Counting technique was changed after internal discussion and review of FAQ #54. This did not result in a color change.

1Q/00: Removed 2 SSs due to becoming inactive in 1st Qtr. Also a math error was discovered adding 1 to total. These changes effect data in all quarters moving forward and do not result in a color change to the indicator.

1Q/00: Counting technique was changed after internal discussion and review of FAQ #54. This did not result in a color change.

Alert & Notification System



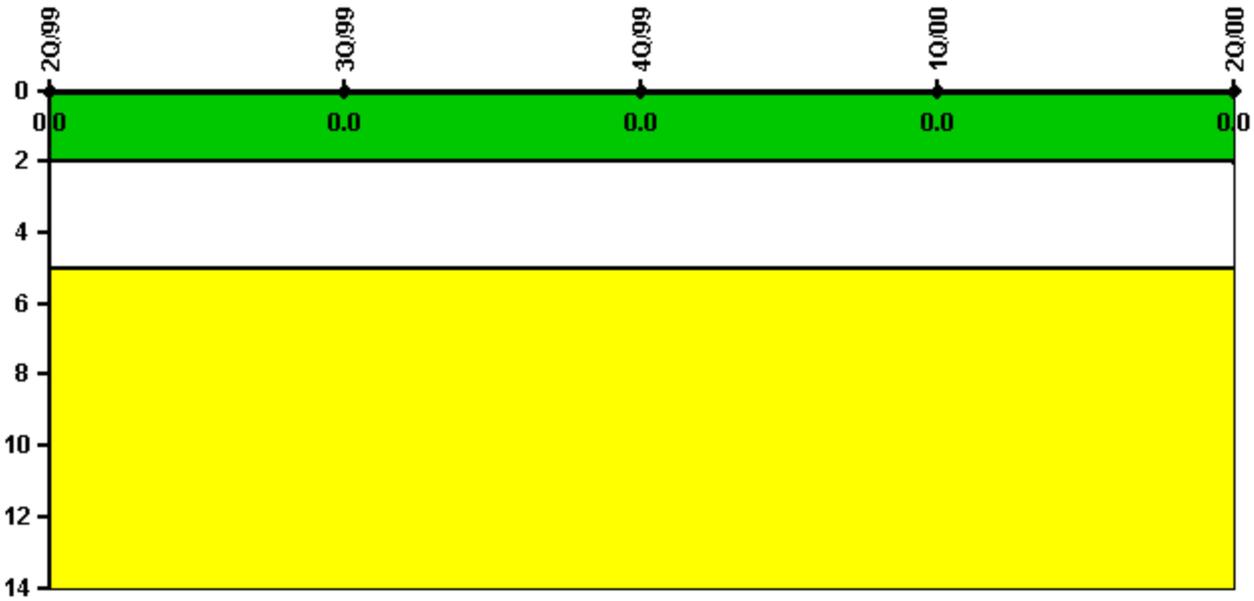
Thresholds: White < 94.0% Yellow < 90.0%

Notes

| Alert & Notification System | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|-----------------------------|-------|-------|-------|-------|-------|
| Successful siren-tests | 79 | 82 | 83 | 79 | 83 |
| Total sirens-tests | 80 | 83 | 84 | 84 | 84 |
| | | | | | |
| Indicator value | 94.0% | 94.4% | 95.4% | 97.6% | 97.6% |

Licensee Comments: none

Occupational Exposure Control Effectiveness



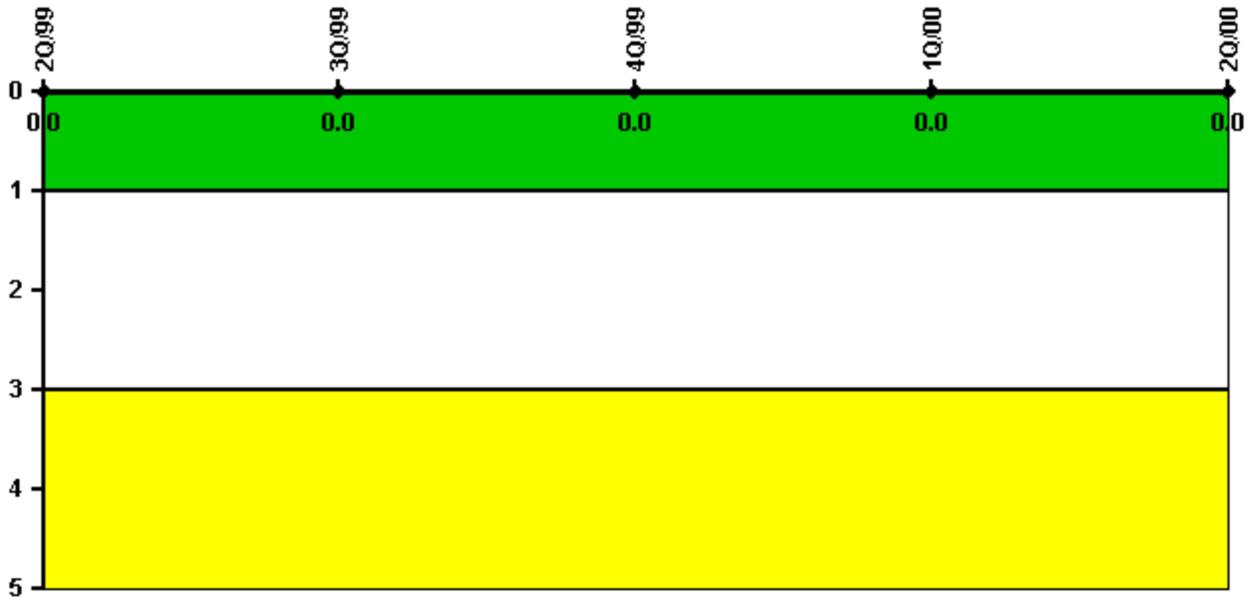
Thresholds: White > 2.0 Yellow > 5.0

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



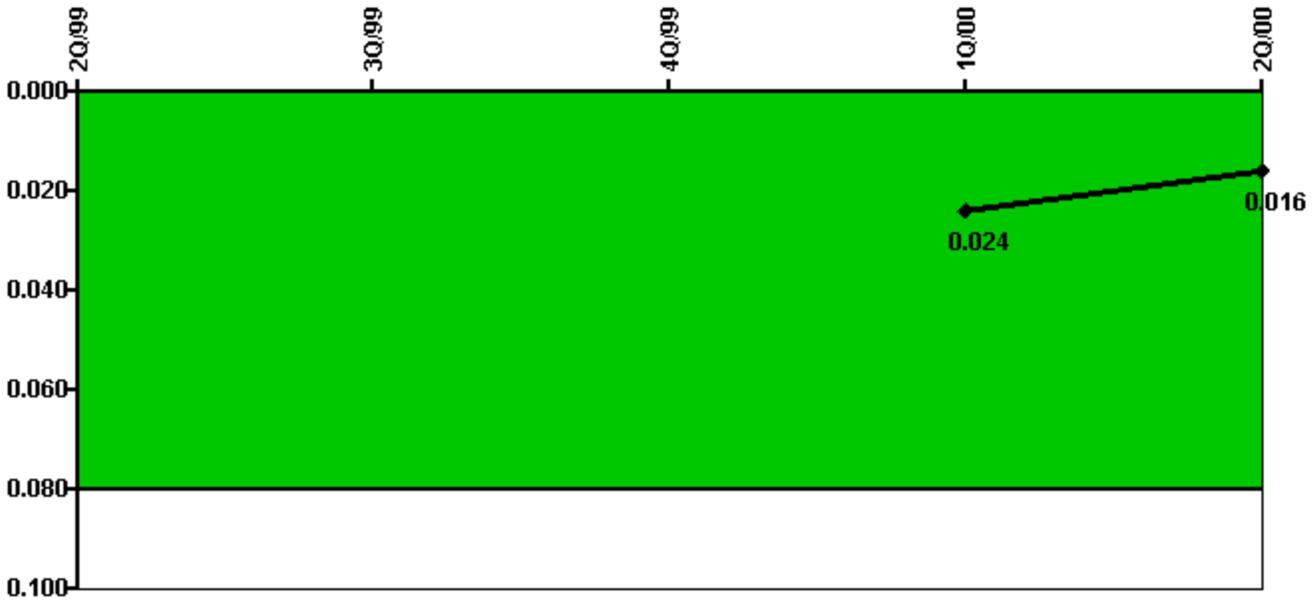
Thresholds: White > 1.0 Yellow > 3.0

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

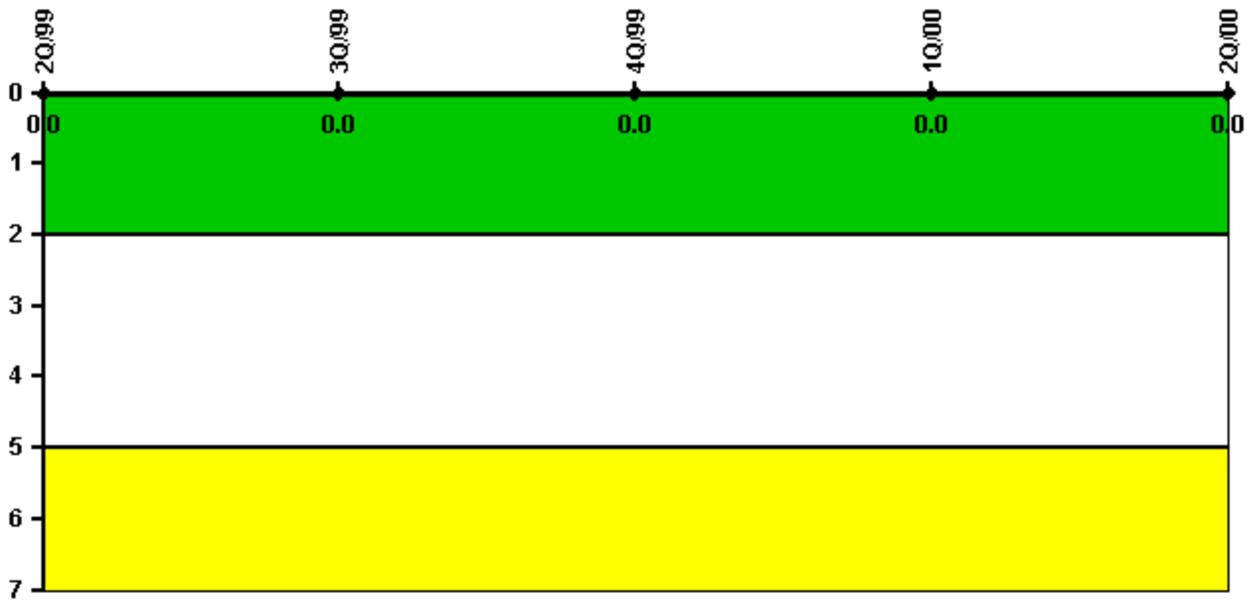
| Protected Area Security Performance Index | 2Q/99 | 3Q/99 | 4Q/99 | 1Q/00 | 2Q/00 |
|---|--------|--------|-------|--------------|--------------|
| IDS compensatory hours | 234.40 | 124.30 | 21.90 | 93.70 | 46.60 |
| CCTV compensatory hours | 0 | 24.3 | 0 | 53.2 | 0 |
| IDS normalization factor | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 |
| CCTV normalization factor | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| | | | | | |
| Index Value | | | | 0.024 | 0.016 |

Licensee Comments:

4Q/99: Data not available prior to second quarter of 1999.

3Q/99: IDS hours updated due to internal review for 2Q99 and 3Q99. Changes did not result in a threshold color change.

Personnel Screening Program



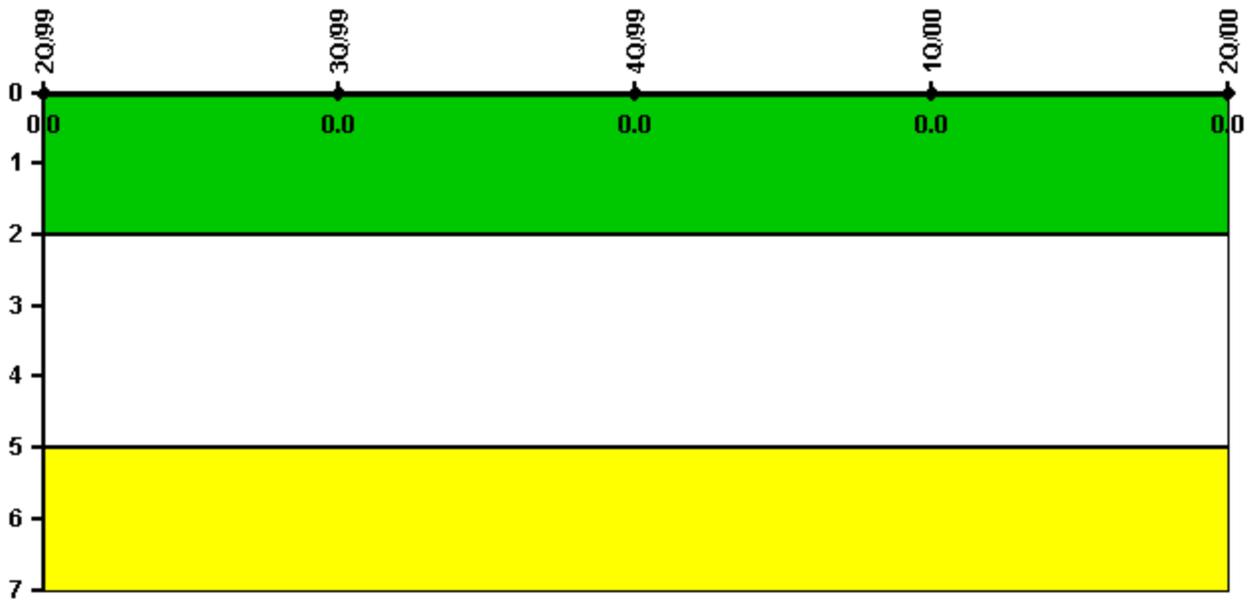
Thresholds: White > 2.0 Yellow > 5.0

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