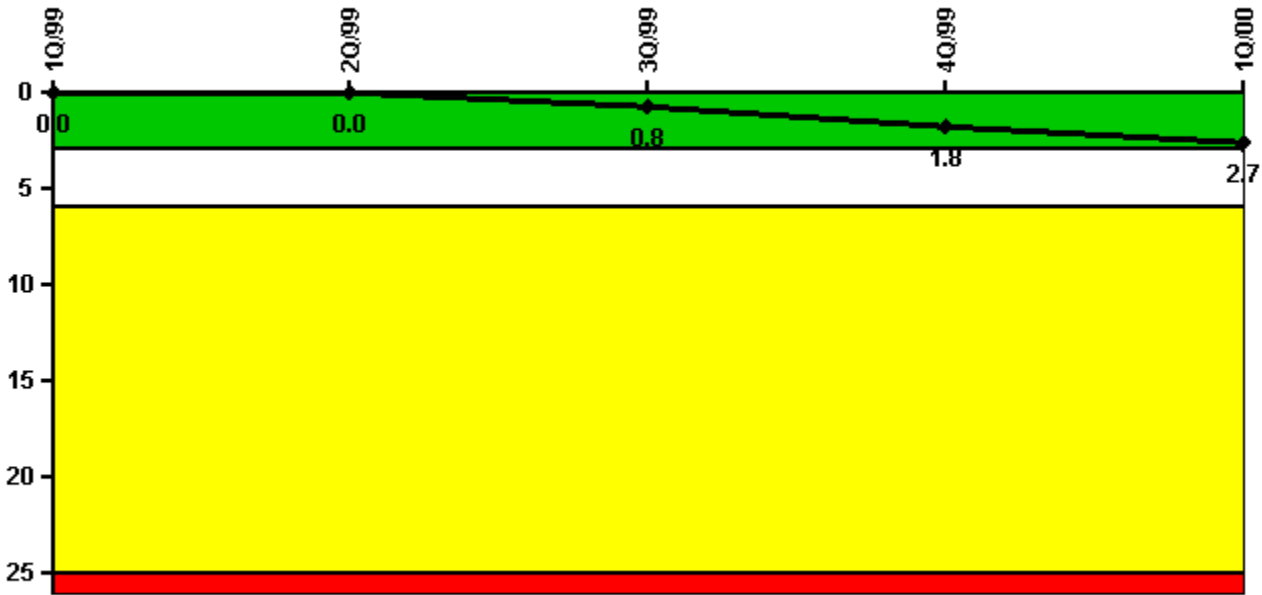


Callaway

1Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



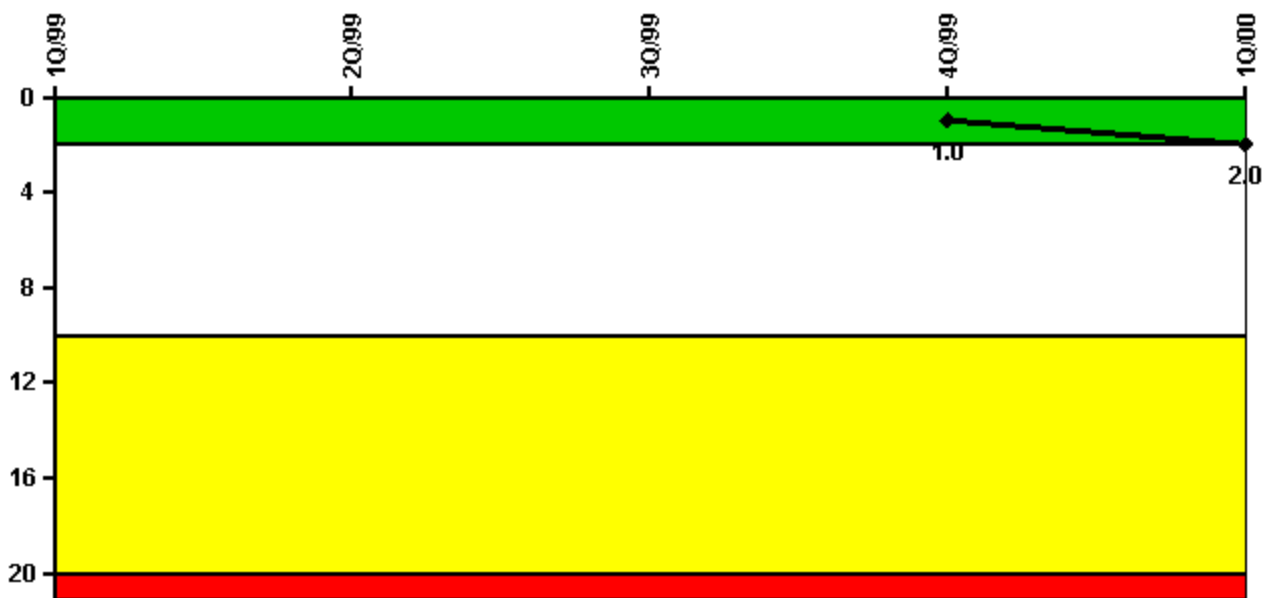
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	0	1.0	1.0	1.0
Critical hours	2160.0	2183.0	2051.0	1375.0	2162.0
Indicator value	0	0	0.8	1.8	2.7

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

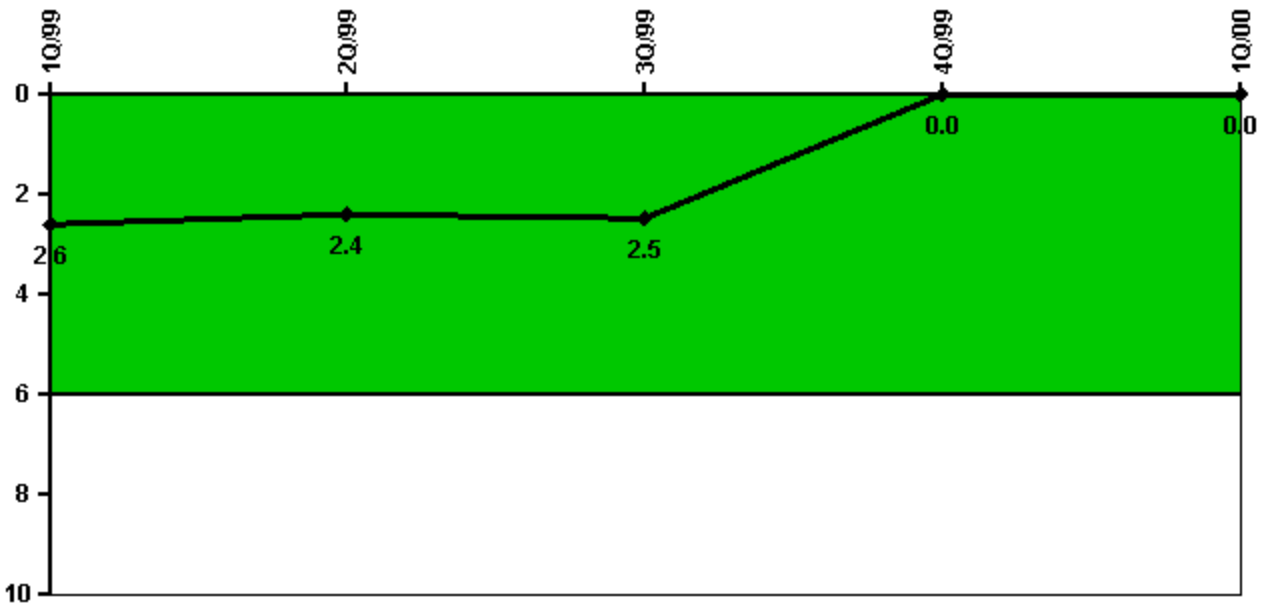
Scrams with Loss of Normal Heat Removal	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Scrams	0	0	1.0	0	1.0
Indicator value				1.0	2.0

Licensee Comments:

4Q/99: Data was inadvertently revised for this indicator during the 1st quarter of 2000. It has been corrected to the original value in the historical submittal in January.

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



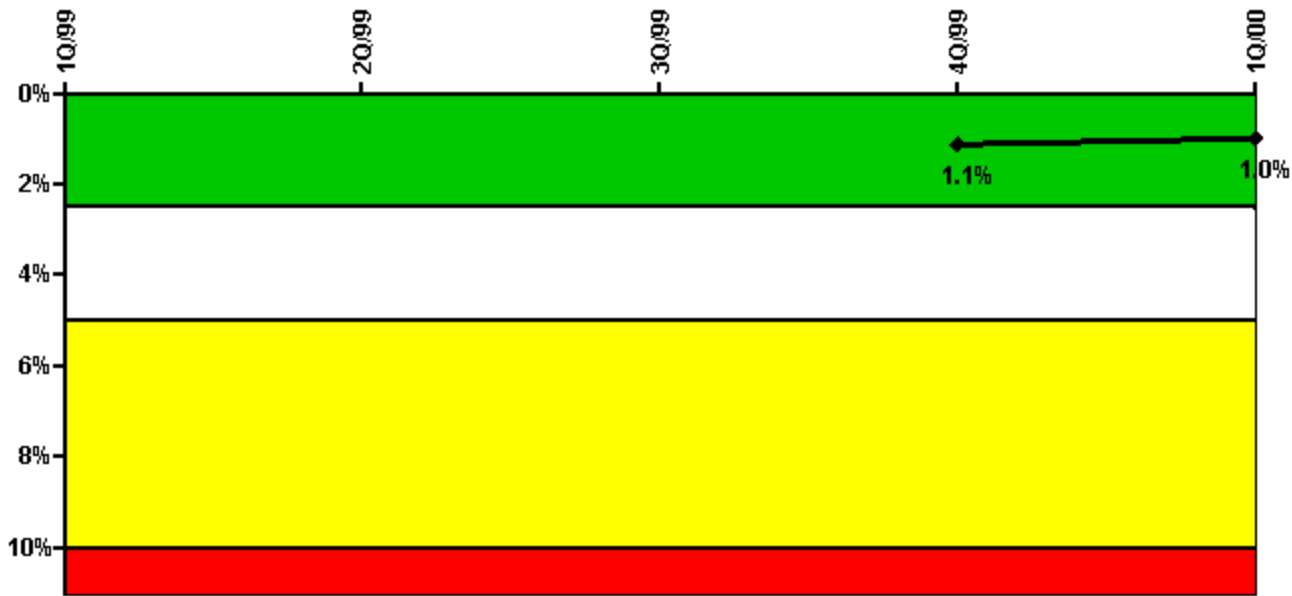
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	2160.0	2183.0	2051.0	1375.0	2162.0
Indicator value	2.6	2.4	2.5	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	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	26.90	0	23.90	5.90
Unplanned unavailable hours	0	0	0	3.30	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	35.90	0	0	31.70	45.50
Unplanned unavailable hours	0	0	0	0	4.10
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				1.1%	1.0%

Licensee Comments:

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.

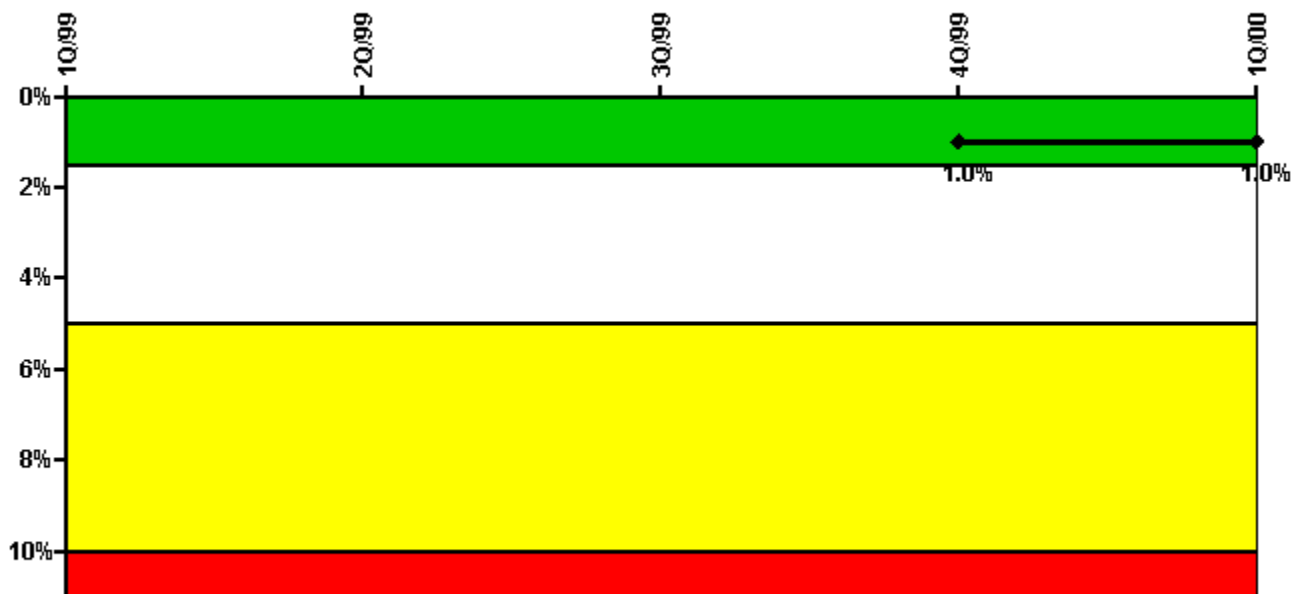
1Q/00: Data prior to January 2000 is being reviewed for accuracy of unavailability hours related to support systems and/or surveillances. If discrepancies are found which result in a threshold being exceeded, an immediate change report will be issued. This concern has been entered in the site corrective action program.

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: 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.

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)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	16.60	0	6.00
Unplanned unavailable hours	0	0	17.40	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	1489.00	2184.00
Train 2					
Planned unavailable hours	0	11.90	0	0.10	64.20
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	2160.00	2183.00	2208.00	1489.00	2184.00
Train 3					
Planned unavailable hours	23.80	0	0	22.30	6.30
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	1489.00	2184.00
Train 4					
Planned unavailable hours	17.30	0	0	0	48.10
Unplanned unavailable hours	0	0	0	0	10.30

Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1489.00	2184.00
Indicator value				1.0%	1.0%

Licensee Comments:

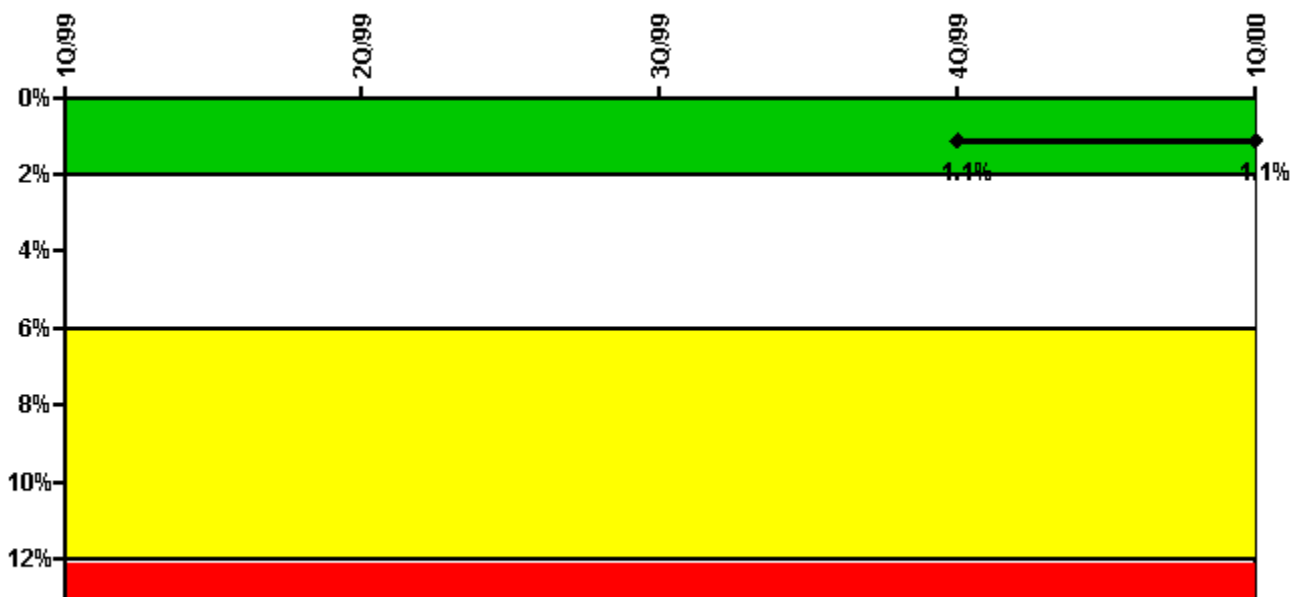
1Q/00: Adjustments made due to additional review of work documents and/or shift equipment out of service logs. This change is for the March time period only and does not result in a color change for the indicator.

1Q/00: 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.

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.

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)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	18.60	22.40	0	1.80

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	2160.00	2183.00	2208.00	1489.00	2184.00
Train 2					
Planned unavailable hours	0	25.90	0	59.60	4.20
Unplanned unavailable hours	36.30	0	0	0	4.90
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1489.00	2184.00
Train 3					
Planned unavailable hours	23.90	0.50	0	0	26.90
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	1471.00	2184.00
Indicator value				1.1%	1.1%

Licensee Comments:

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.

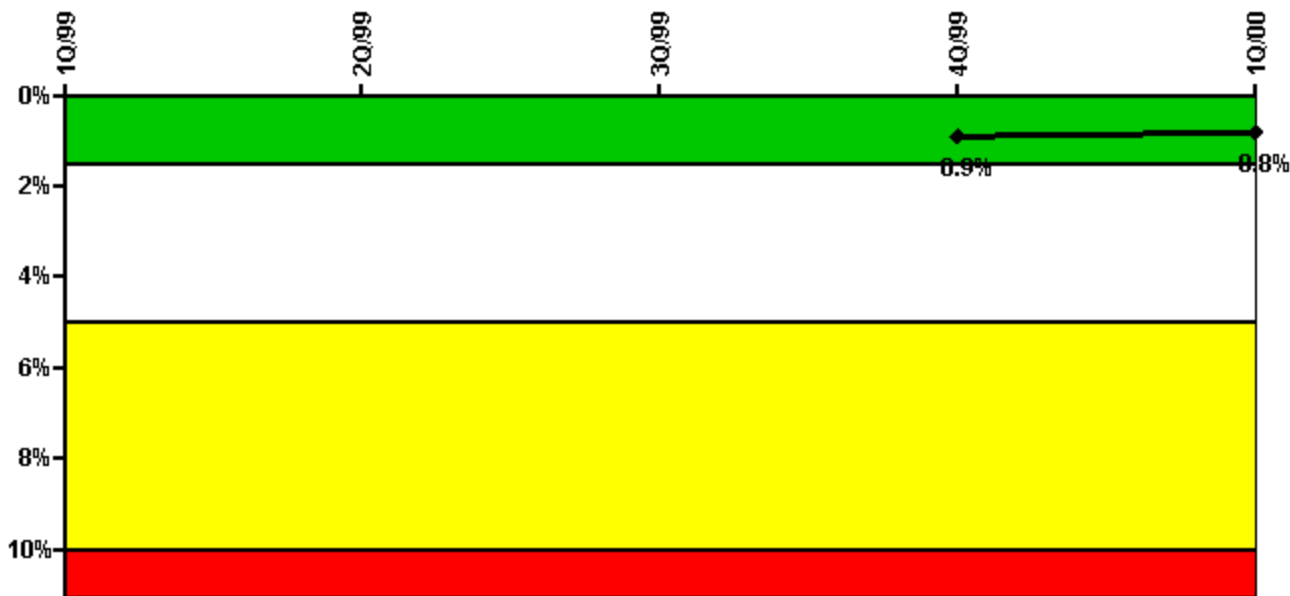
1Q/00: Adjustments made due to additional review of work documents and/or shift equipment out of service logs. This change does not result in a color change for the indicator.

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.

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.

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	0	21.80	0	0	4.00
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	2160.00	2183.00	2208.00	2055.00	2184.00
Train 2					
Planned unavailable hours	0	0	18.00	0	21.10
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	2055.00	2184.00
Indicator value				0.9%	0.8%

Licensee Comments:

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.

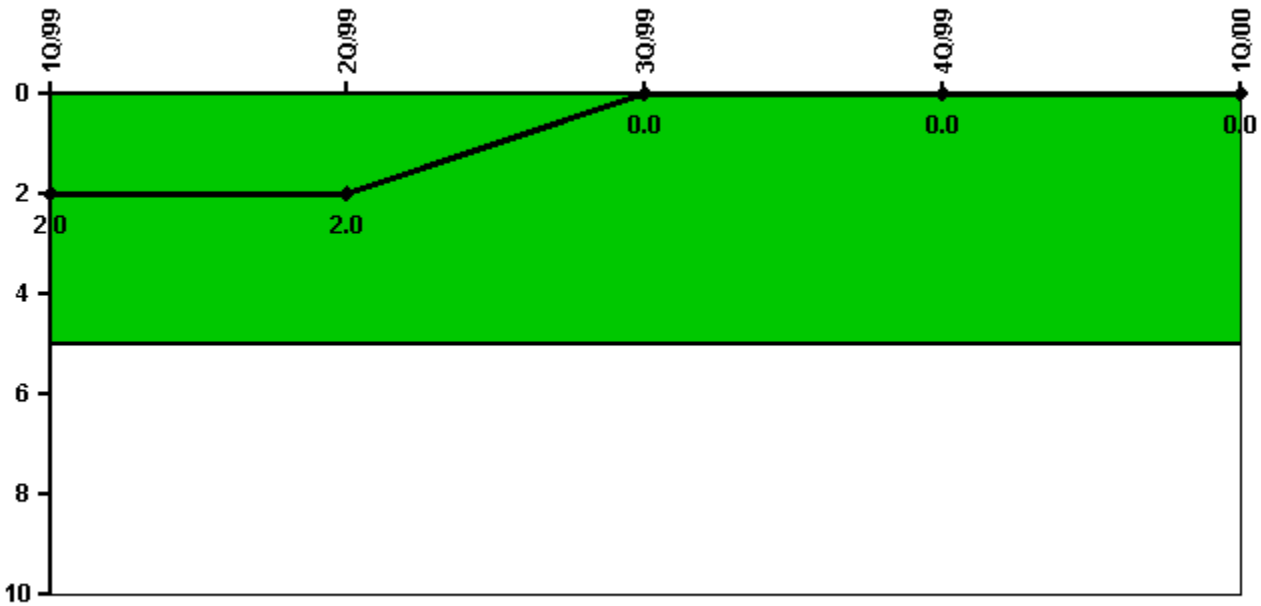
1Q/00: Data prior to January 2000 is being reviewed for accuracy of unavailability hours related to support systems and/or surveillances. If discrepancies are found which result in a threshold being exceeded, an immediate change report will be issued. This concern has been entered in the site corrective action program.

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.

Safety System Functional Failures (PWR)



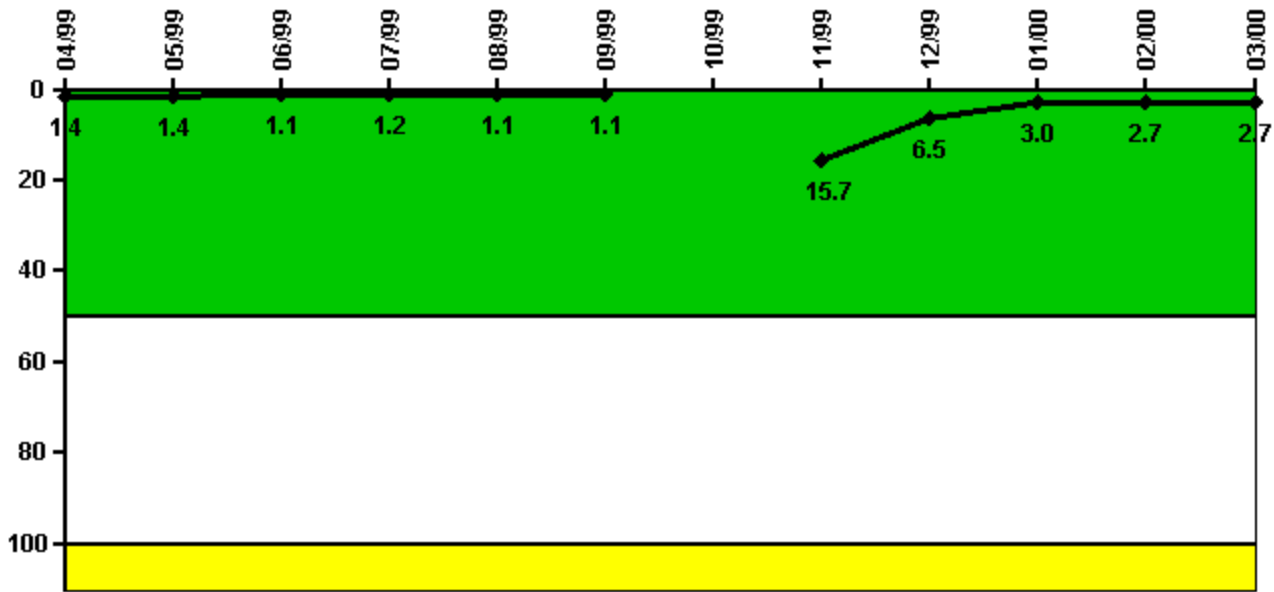
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



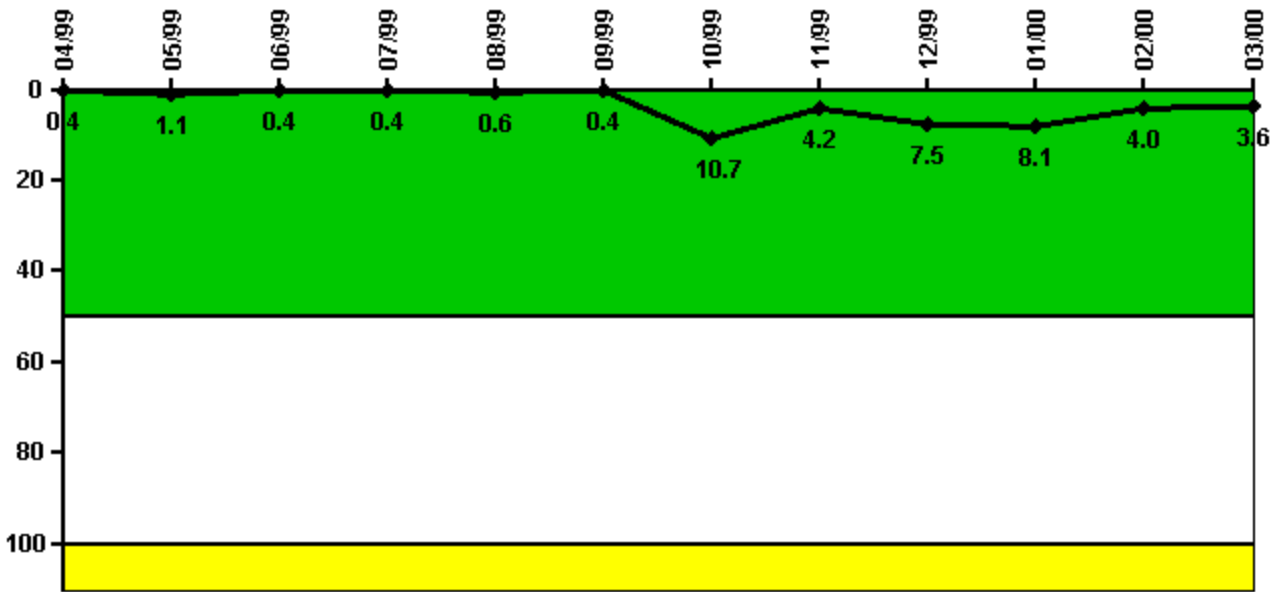
Thresholds: White > 50.0 Yellow > 100.0

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	0.014000	0.014100	0.011000	0.011700	0.011300	0.011400	N/A	0.157000	0.064500	0.030000	0.027000	0.027000
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	1.4	1.4	1.1	1.2	1.1	1.1	N/A	15.7	6.5	3.0	2.7	2.7

Licensee Comments: none

Reactor Coolant System Leakage



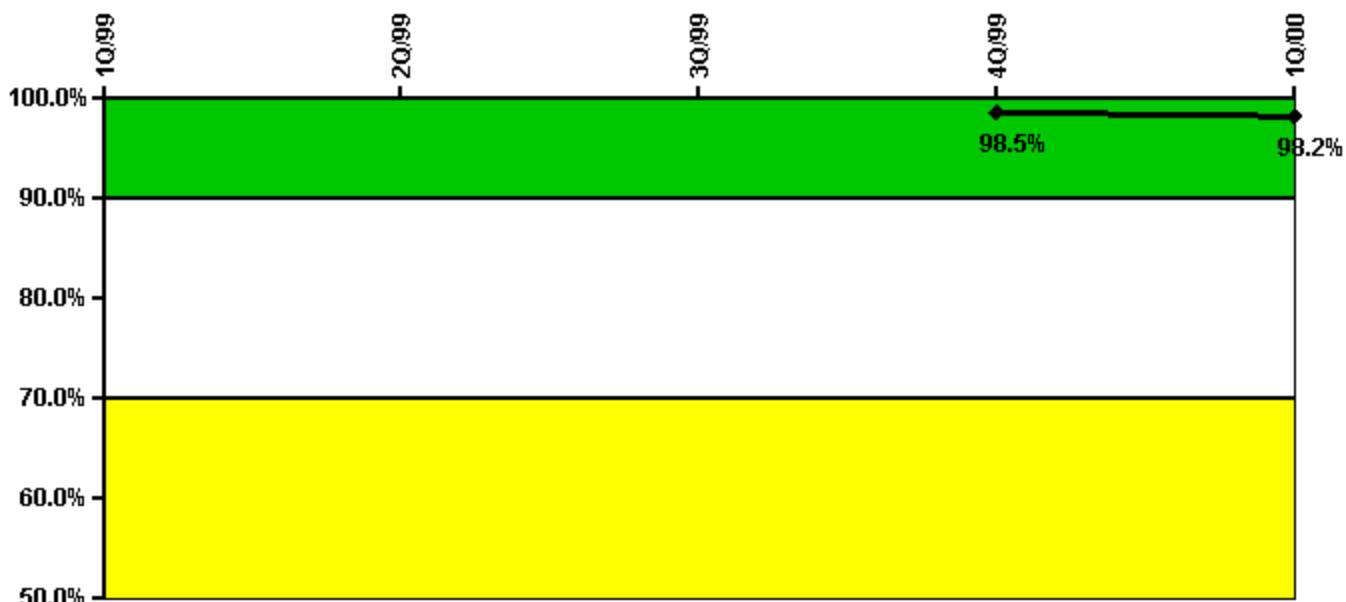
Thresholds: White > 50.0 Yellow > 100.0

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	0.040	0.108	0.040	0.043	0.057	0.039	1.071	0.416	0.750	0.810	0.400	0.360
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	1.1	0.4	0.4	0.6	0.4	10.7	4.2	7.5	8.1	4.0	3.6

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

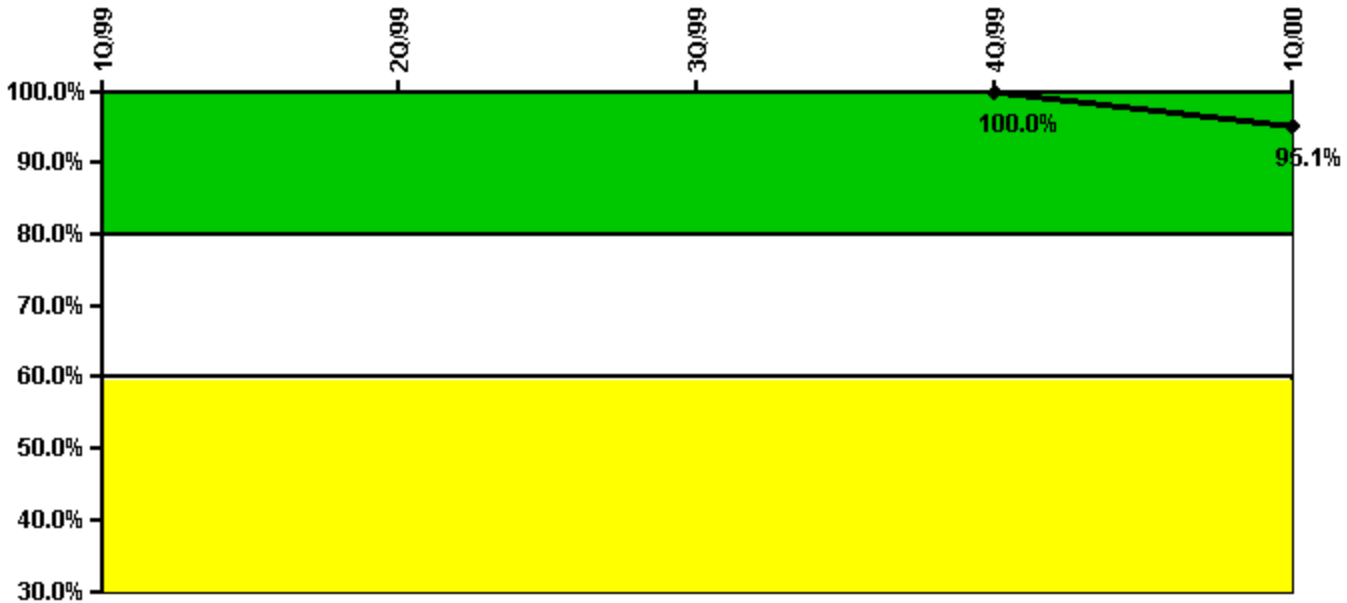
Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	49.0	12.0	19.0	26.0	25.0
Total opportunities	49.0	13.0	22.0	27.0	26.0
Indicator value				98.5%	98.2%

Licensee Comments:

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.

4Q/99: Opportunities revised from 25 to 27 for Q4/1999. This was typed in incorrectly in the historical submittal. This does not result in a change of color for the indicator.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

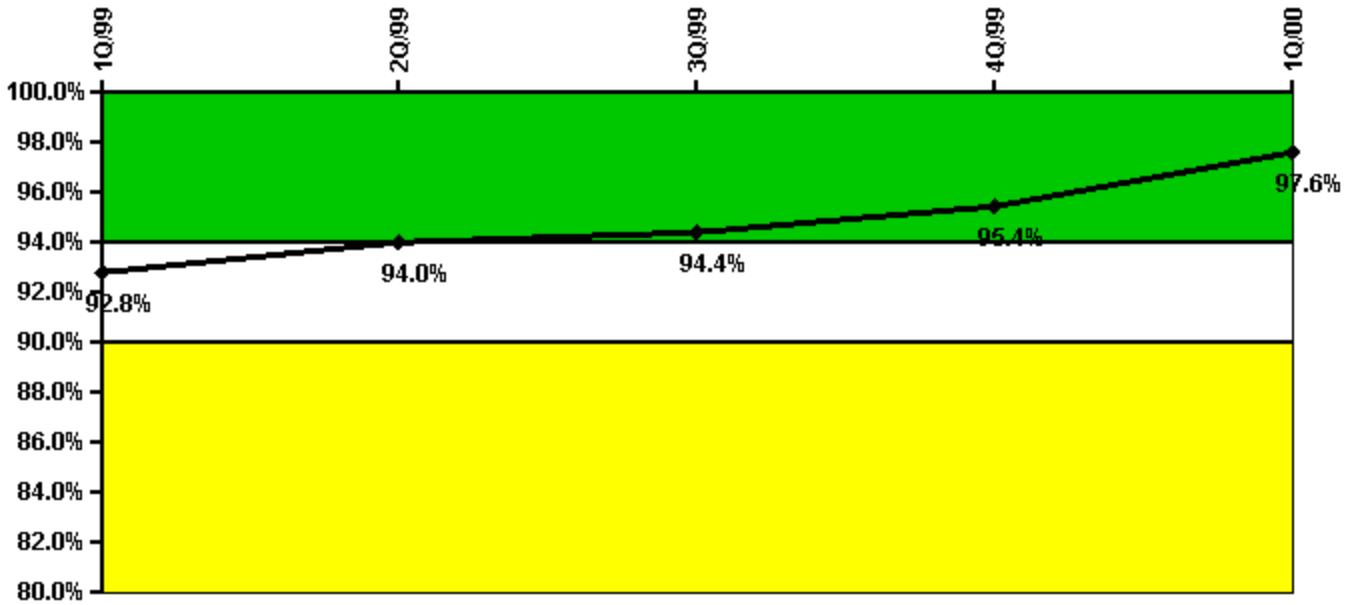
ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel				96.0	77.0
Total Key personnel				96.0	81.0
Indicator value				100.0%	95.1%

Licensee Comments:

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



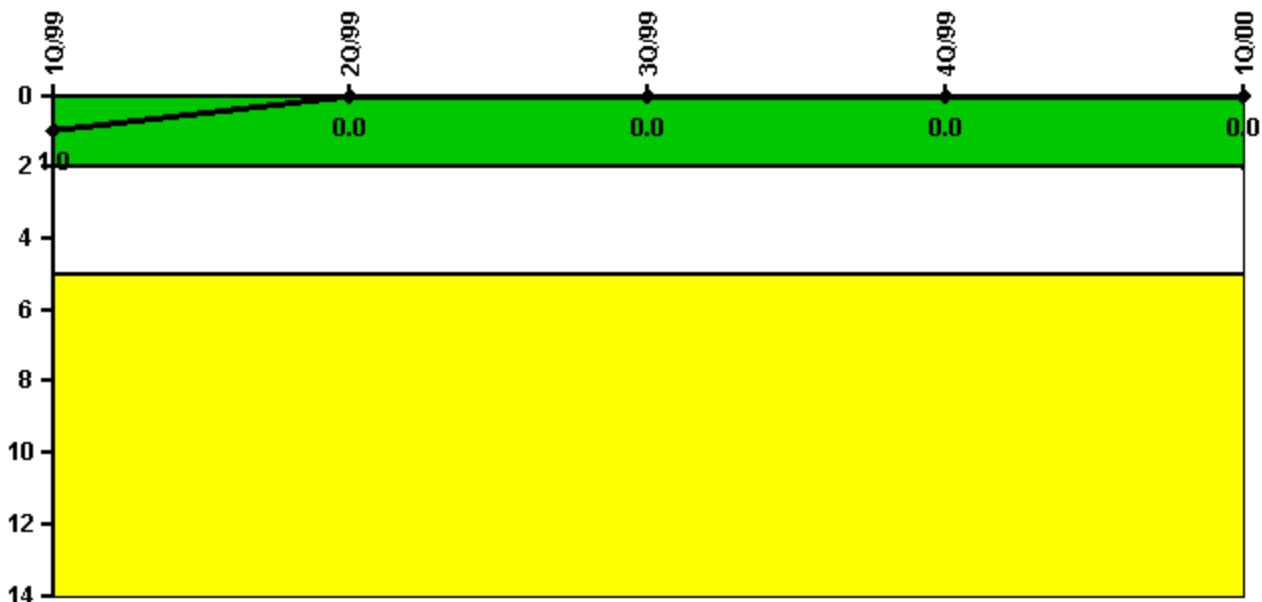
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	69	79	82	83	79
Total sirens-tests	81	80	83	84	84
Indicator value	92.8%	94.0%	94.4%	95.4%	97.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



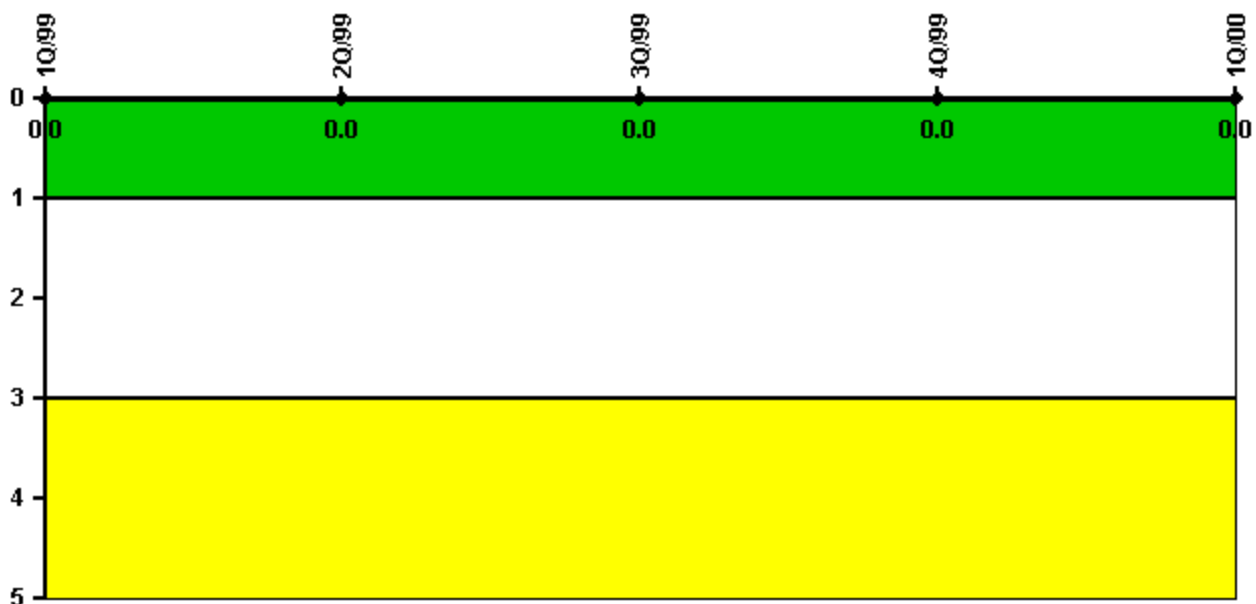
Thresholds: White > 2.0 Yellow > 5.0

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	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



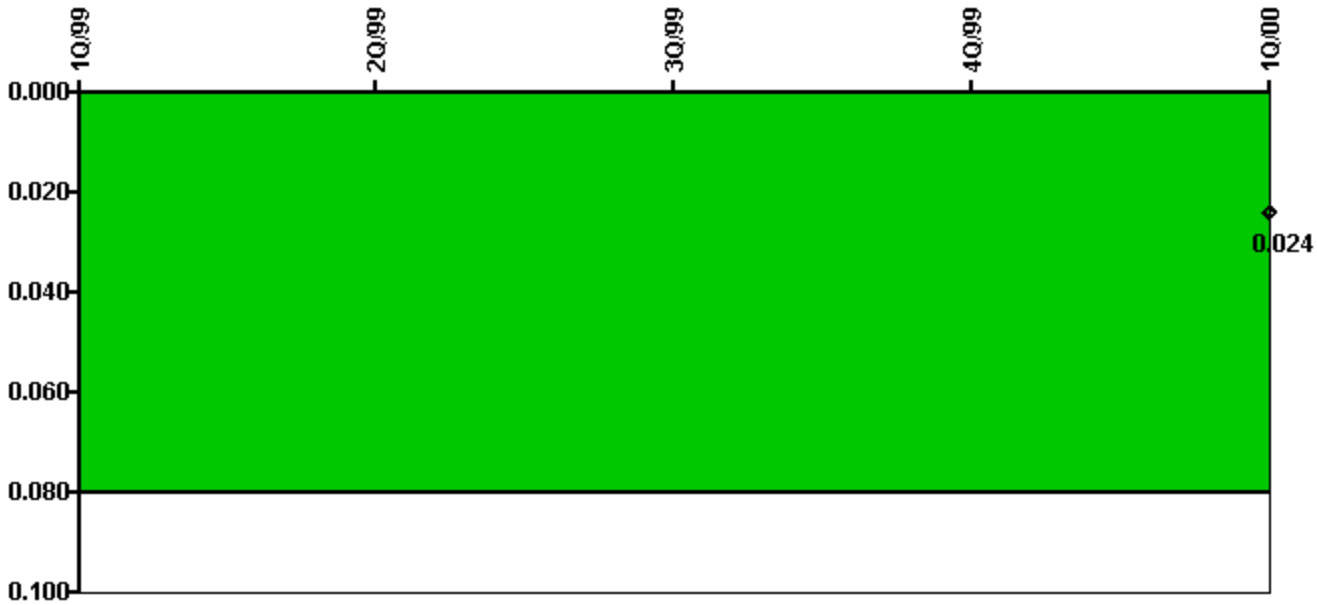
Thresholds: White > 1.0 Yellow > 3.0

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

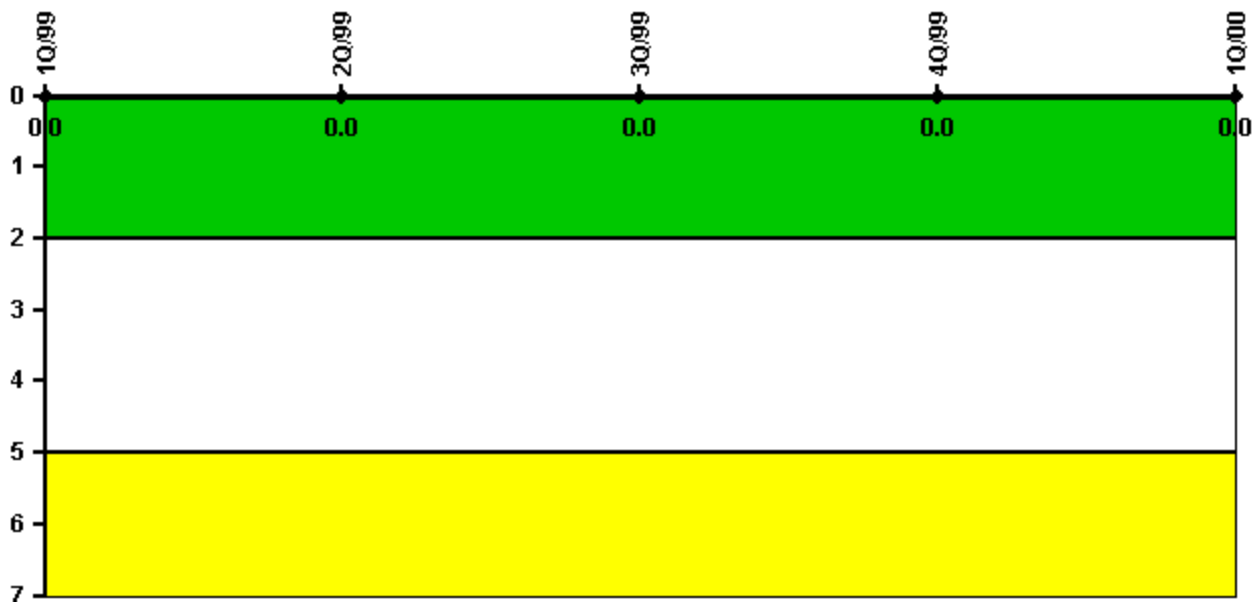
Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours		234.40	124.30	21.90	93.70
CCTV compensatory hours		0	24.3	0	53.2
IDS normalization factor		1.40	1.40	1.40	1.40
CCTV normalization factor		1.0	1.0	1.0	1.0
Index Value					0.024

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



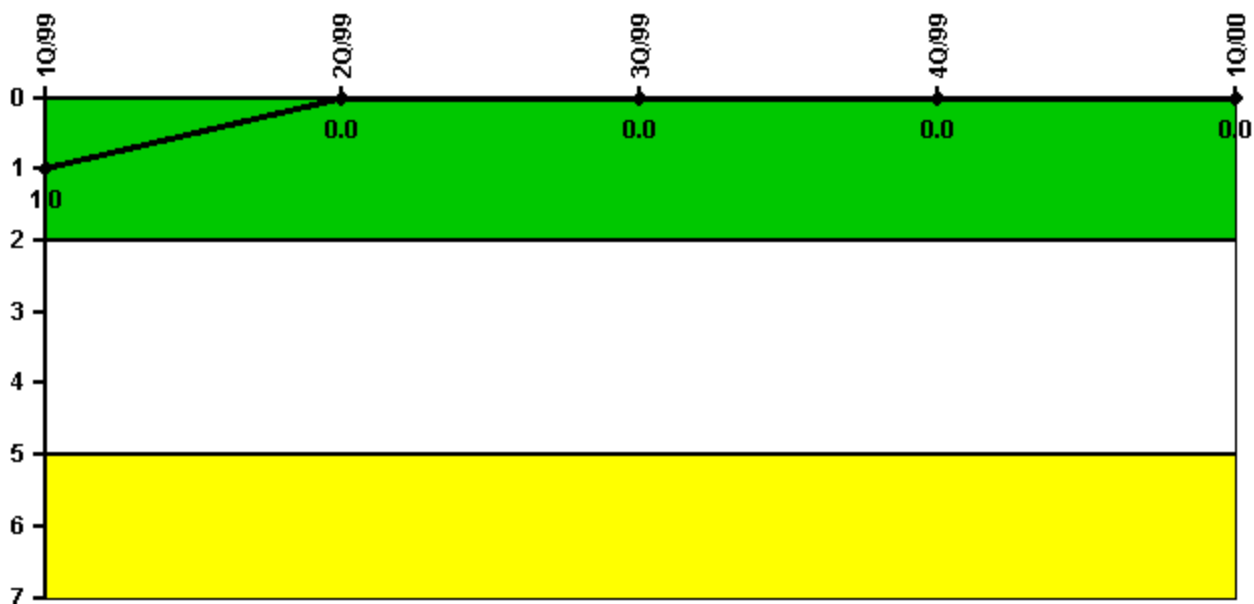
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	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: none

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	1	0	0	0	0

Licensee Comments: none

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

Last Modified: April 1, 2002