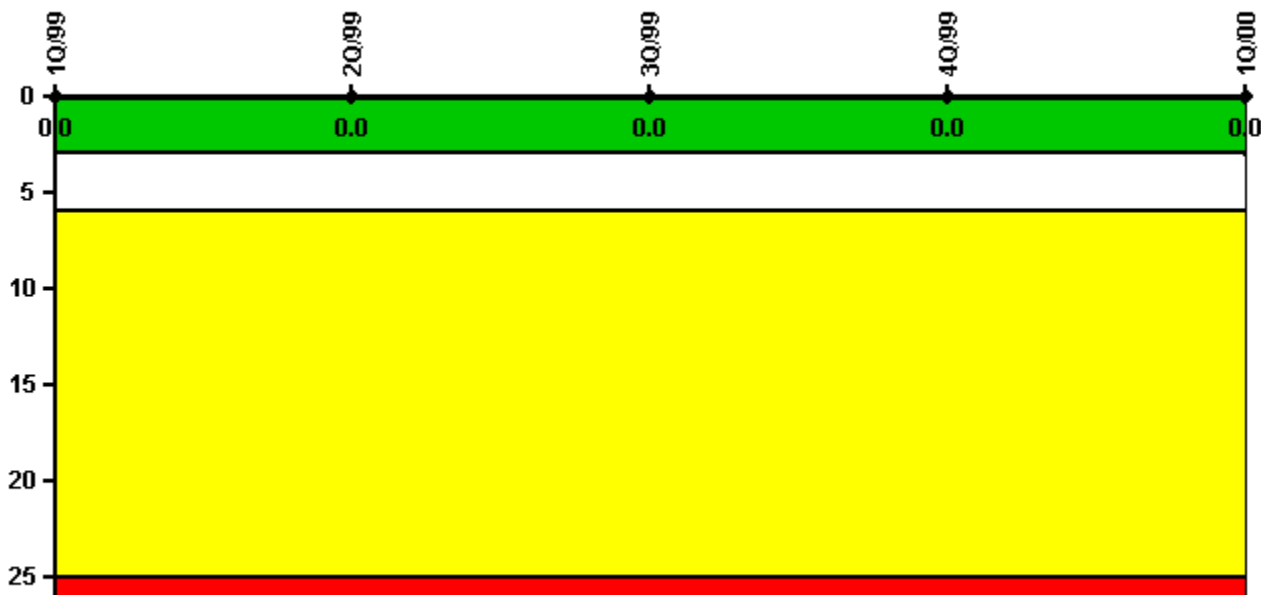


### Fort Calhoun

#### 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	0	0	0
Critical hours	2160.0	2183.0	2208.0	1261.4	2184.0
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Licensee Comments:

2Q/99: Correction to total hours in quarter

### Scrams with Loss of Normal Heat Removal



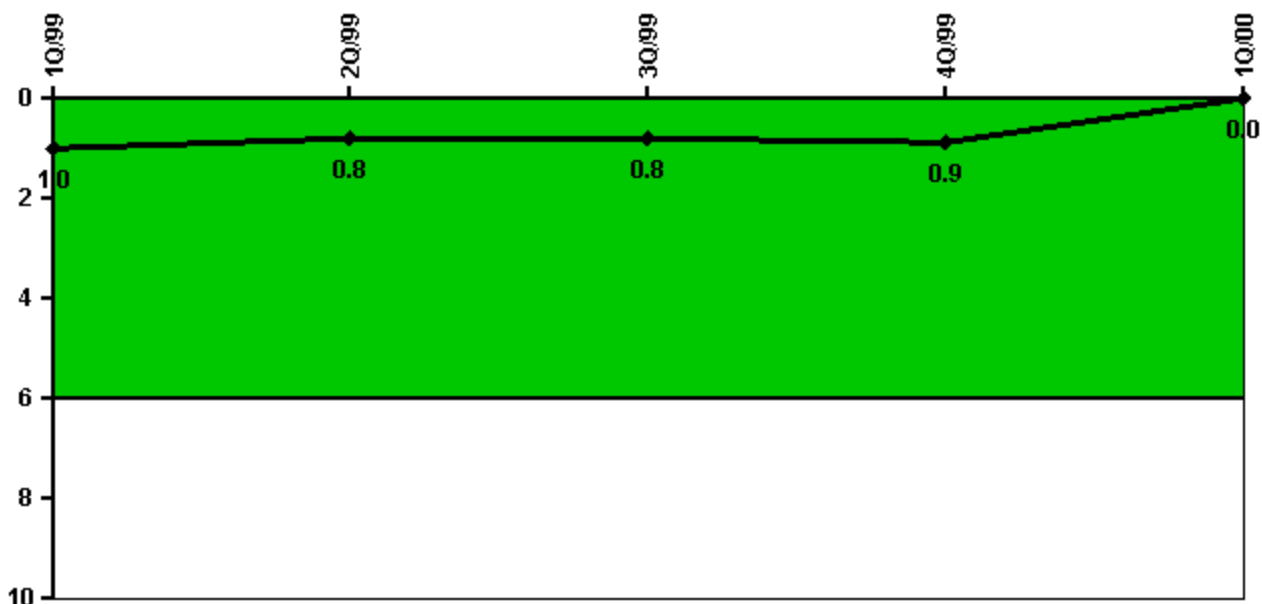
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### 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: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

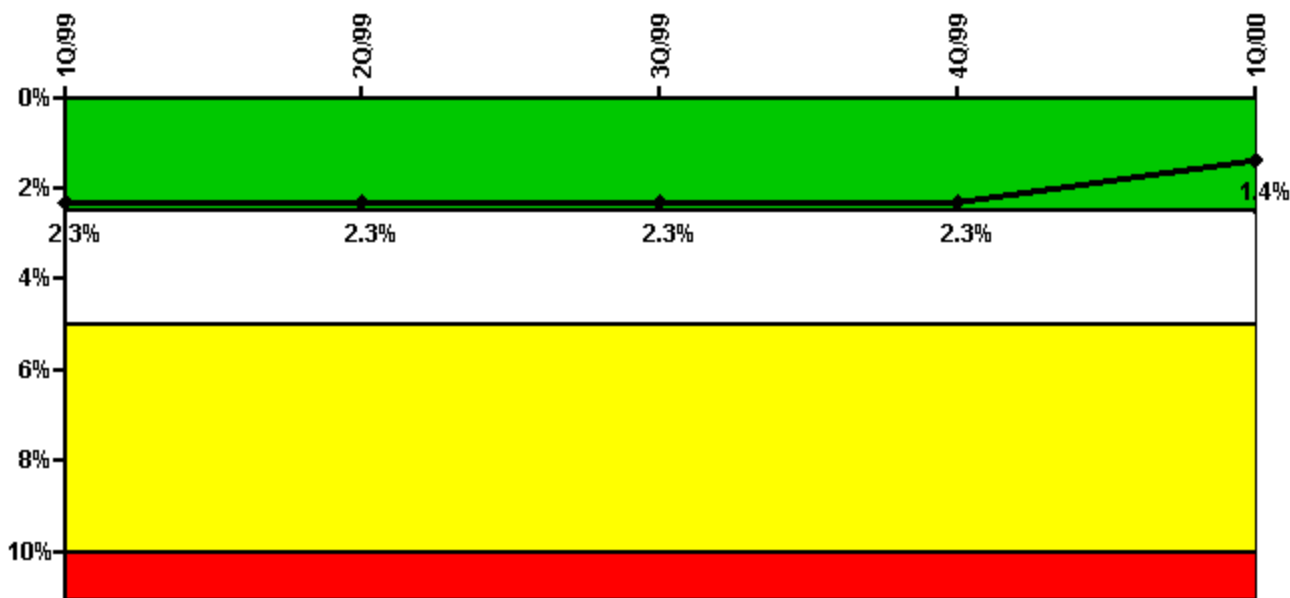
#### Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	1.0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	1261.4	2184.0
<b>Indicator value</b>	<b>1.0</b>	<b>0.8</b>	<b>0.8</b>	<b>0.9</b>	<b>0</b>

Licensee Comments:

2Q/99: Correction to total hours in quarter

### 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
<b>Train 1</b>					
Planned unavailable hours	14.00	21.48	45.18	8.30	12.90
Unplanned unavailable hours	0	0	0	4.10	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	420.10
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	33.02	16.26	12.67	12.35	13.80
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	2209.00	2184.00
<b>Indicator value</b>	<b>2.3%</b>	<b>2.3%</b>	<b>2.3%</b>	<b>2.3%</b>	<b>1.4%</b>

Licensee Comments:

2Q/99: Correction to total hours in quarter

2Q/98: Correction to total hours in quarter

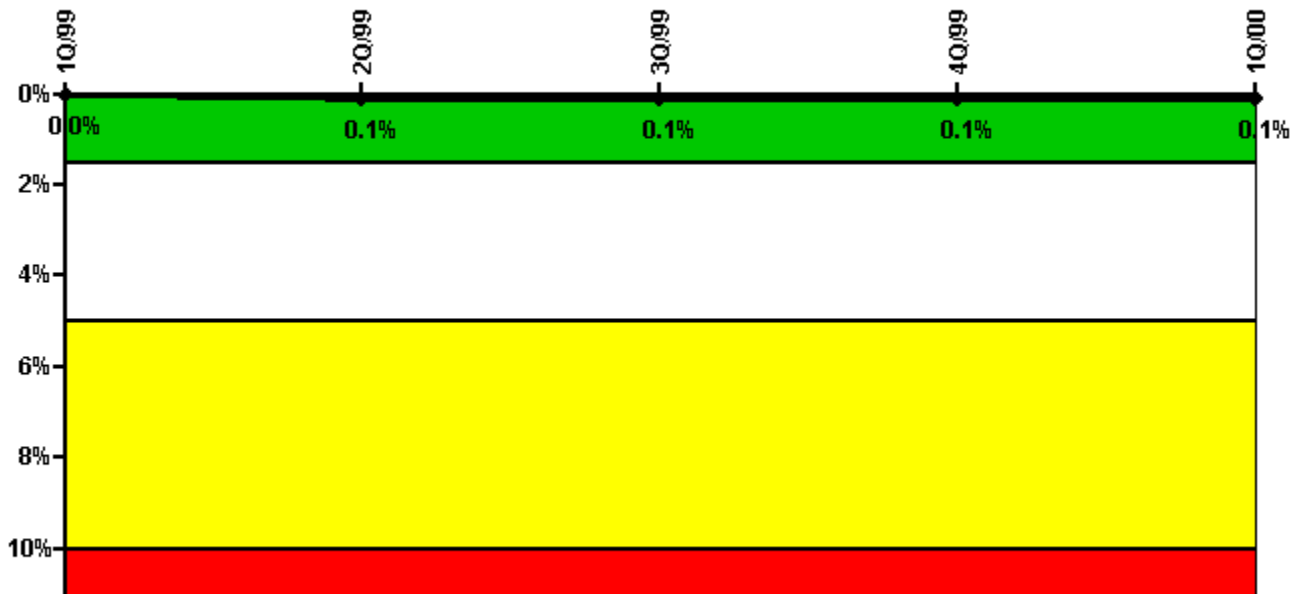
3Q/97: The conditions in NEI 99-02 rev. 0 for removal of the 420.1 hours of fault exposure from train 1 have been met and the fault exposure is being reset to 0.

3Q/97: The conditions in NEI 99-02 rev. 0 for removal of the 420.1 hours of fault exposure from train 1 have been met and the fault exposure is being reset to 0.

Effective Reset Comments:

1Q/00: Reset of fault exposure hours as requested by the NRC

### Safety System Unavailability, High Pressure Injection System (HPSI)



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

**Notes**

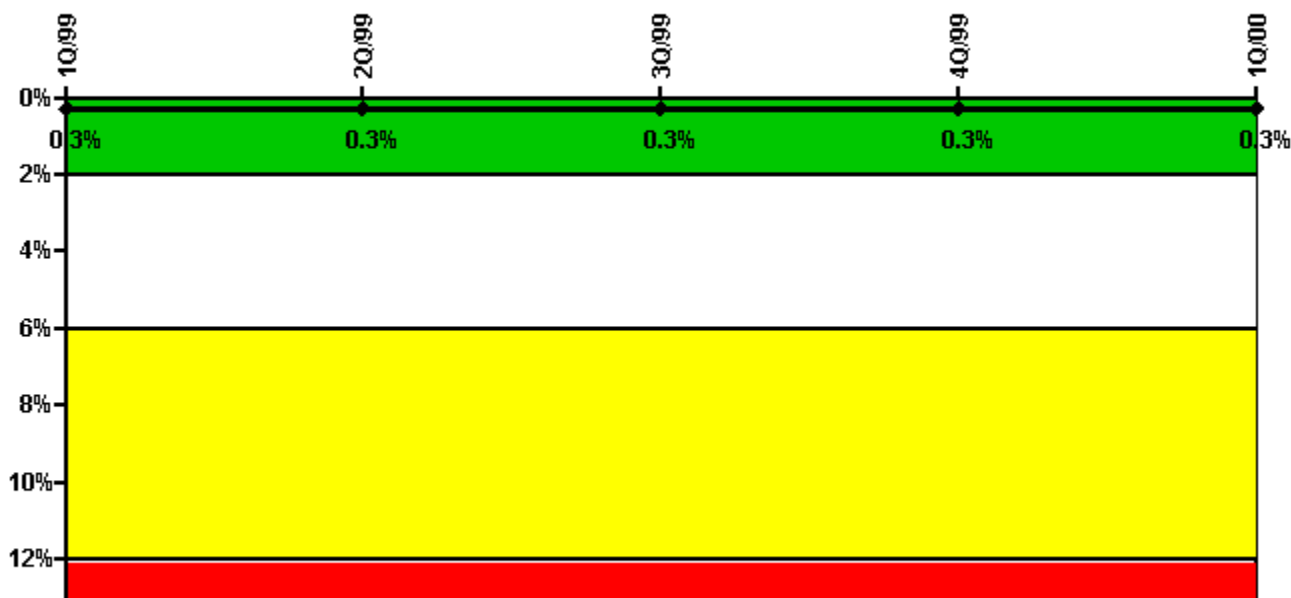
Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1261.38	2184.00
<b>Train 2</b>					
Planned unavailable hours	8.50	9.40	4.40	0.40	9.20
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	1261.38	2184.00
<b>Indicator value</b>	<b>0%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>

Licensee Comments:

4Q/99: Unavailable hours for 2Q99 through 4Q99 revised to reflect changes resulting from internal review. Changes did not result in a threshold color change.

2Q/99: Correction to total hours in quarter

### Safety System Unavailability, Heat Removal System (AFW)



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

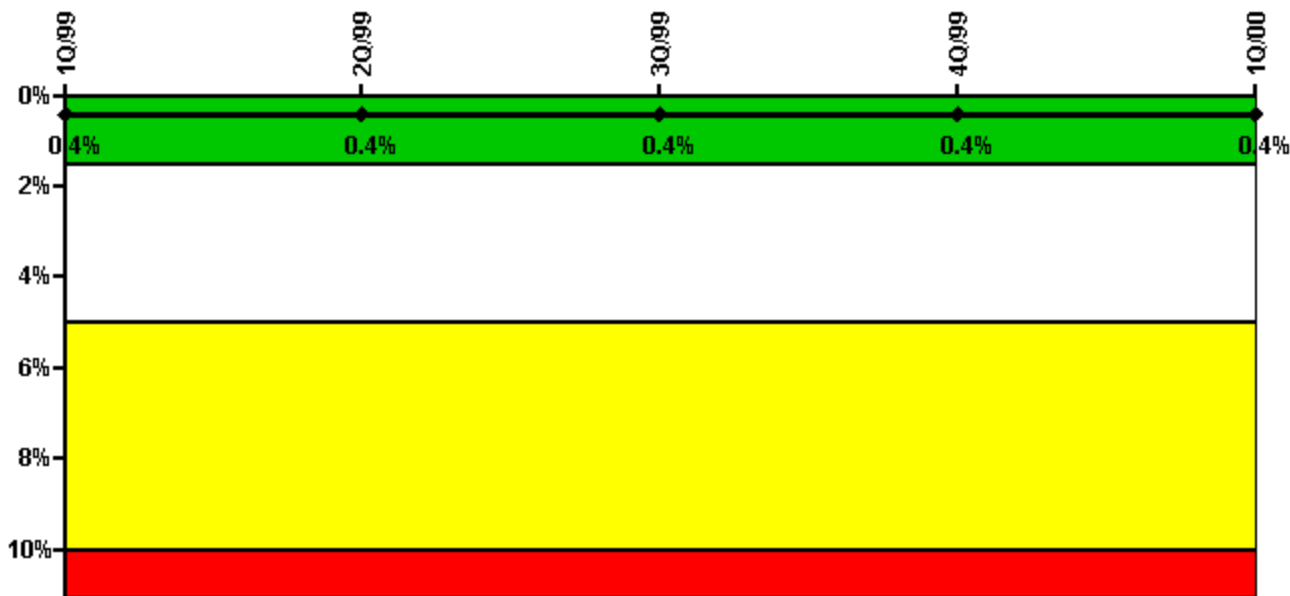
#### Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	0	0	0	7.70	8.30
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	1261.38	2184.00
<b>Train 2</b>					
Planned unavailable hours	2.00	5.70	15.00	2.20	10.45
Unplanned unavailable hours	24.00	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	1261.38	2184.00
<b>Indicator value</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>

Licensee Comments:

2Q/99: Correction to total hours in quarter

### 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
<b>Train 1</b>					
Planned unavailable hours	5.10	0.60	12.10	0	4.90
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	1261.38	2184.00
<b>Train 2</b>					
Planned unavailable hours	0	10.60	10.60	0.40	1.30
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	1261.38	2184.00
<b>Train 3</b>					
Planned unavailable hours	0	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	0	0	0	947.62	0
<b>Train 4</b>					
Planned unavailable hours	0	0	0	0.40	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	0	0	0	947.62	0
<b>Indicator value</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>

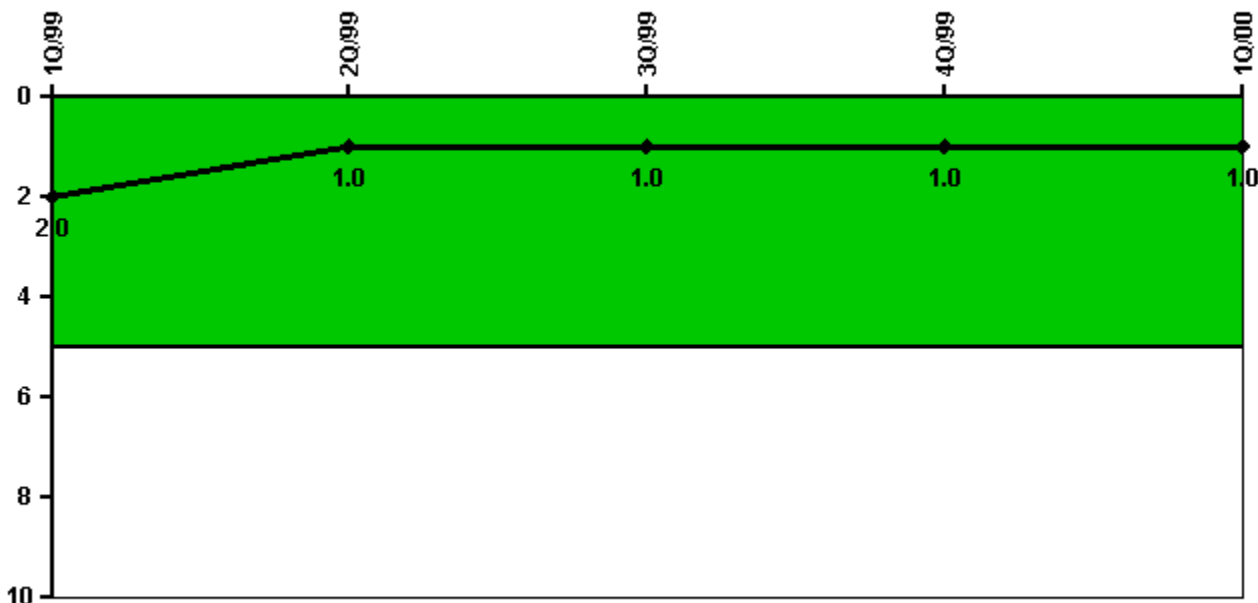
Licensee Comments:

1Q/00: RHR Unavailable hours for 2Q99 through 1Q00 revised to reflect changes resulting from internal review. Changes did not result in a threshold color change.

2Q/99: Correction to total hours in quarter

2Q/98: Correction to total hours in quarter

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

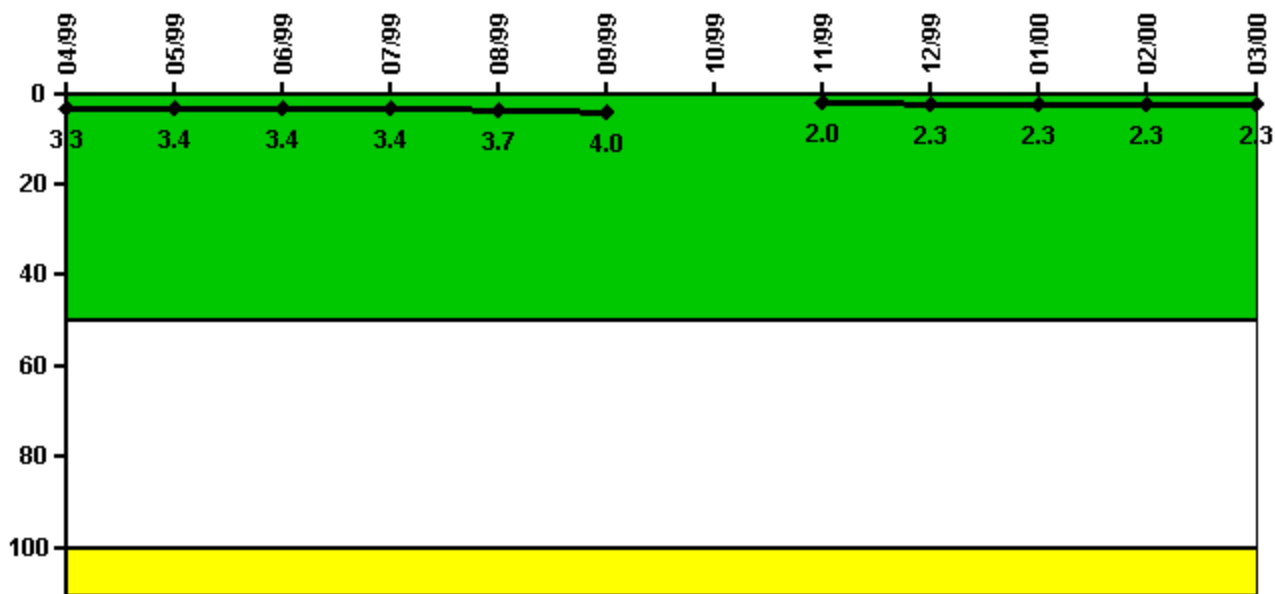
#### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

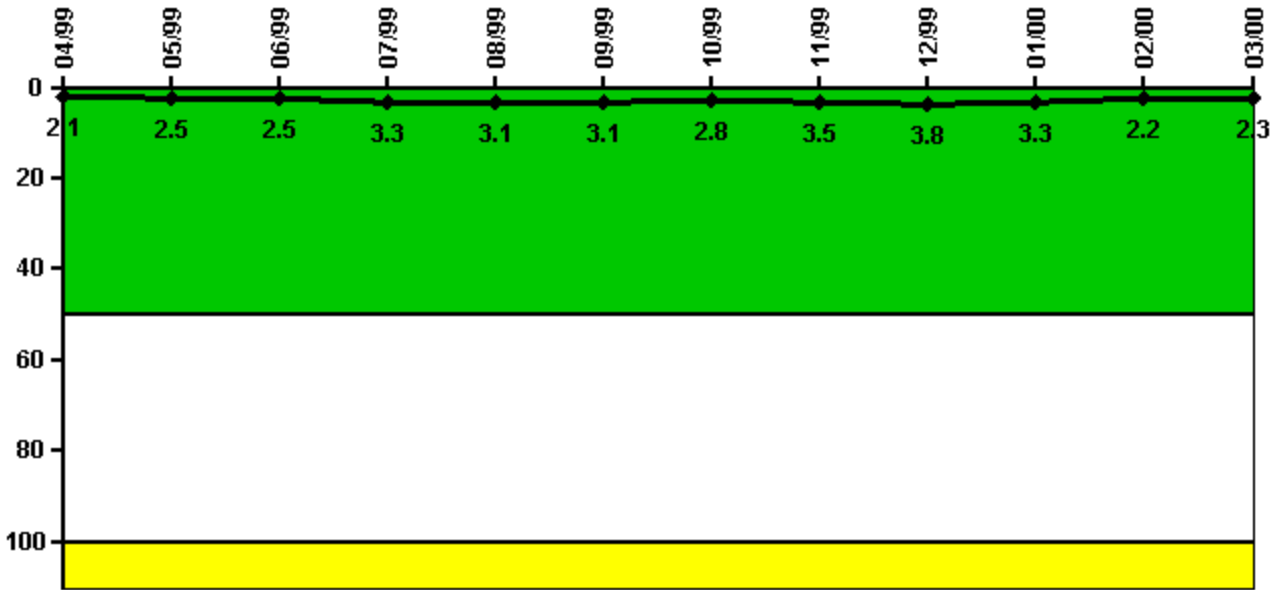
Reactor Coolant System Activity	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum activity	0.032600	0.034100	0.033500	0.034400	0.037300	0.040200	N/A	0.019800	0.022900	0.022800	0.022800	0.022900
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	3.3	3.4	3.4	3.4	3.7	4.0	N/A	2.0	2.3	2.3	2.3	2.3

Licensee Comments:

12/99: The plant was in a refueling outage in October. NA entered in 10/1999 data field as requested.

6/98: The plant was shutdown in April and May. NA entered in 4/1998 and 5/1998 data fields as requested.

### Reactor Coolant System Leakage



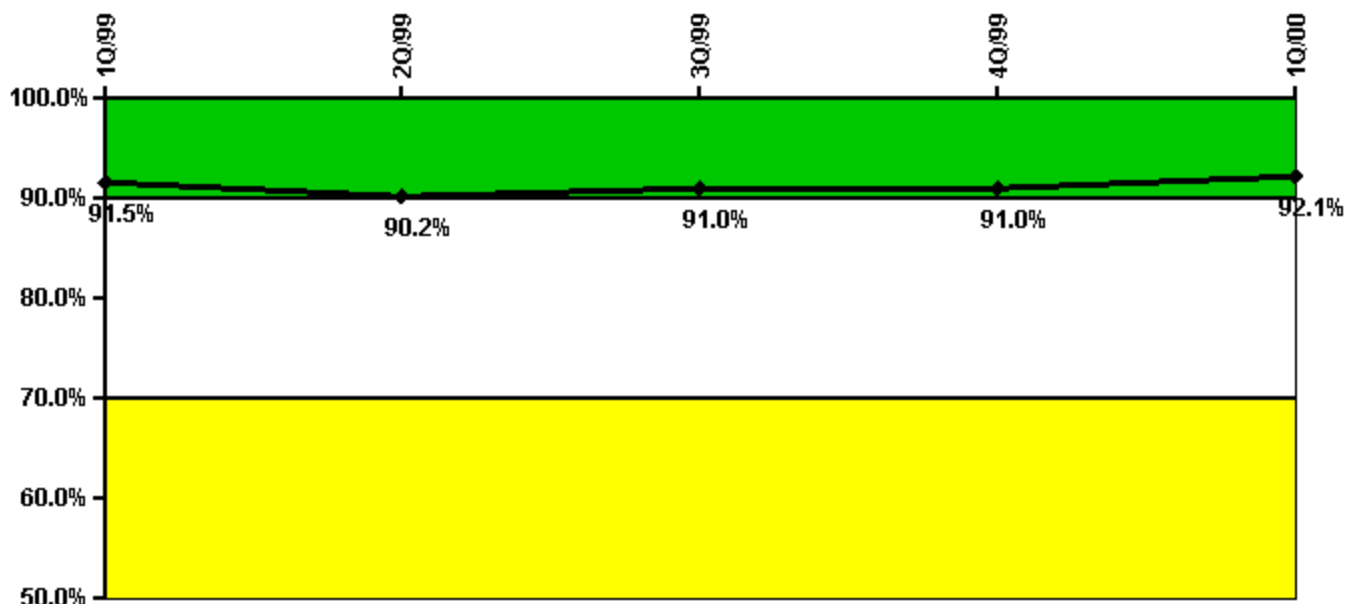
Thresholds: White > 50.0 Yellow > 100.0

#### 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	0.213	0.253	0.248	0.330	0.310	0.307	0.281	0.350	0.378	0.330	0.220	0.230
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	2.1	2.5	2.5	3.3	3.1	3.1	2.8	3.5	3.8	3.3	2.2	2.3

Licensee Comments: none

### Drill/Exercise Performance



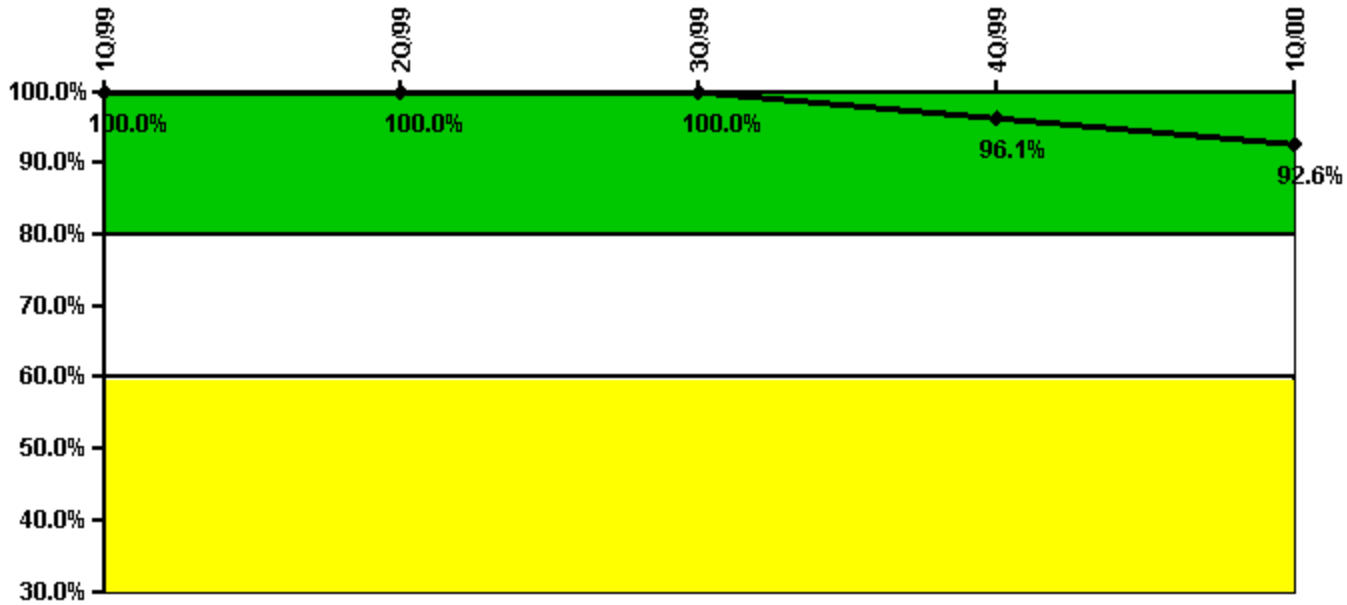
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	31.0	23.0	25.0	0	13.0
Total opportunities	34.0	26.0	26.0	0	13.0
Indicator value	91.5%	90.2%	91.0%	91.0%	92.1%

Licensee Comments: none

### ERO Drill Participation



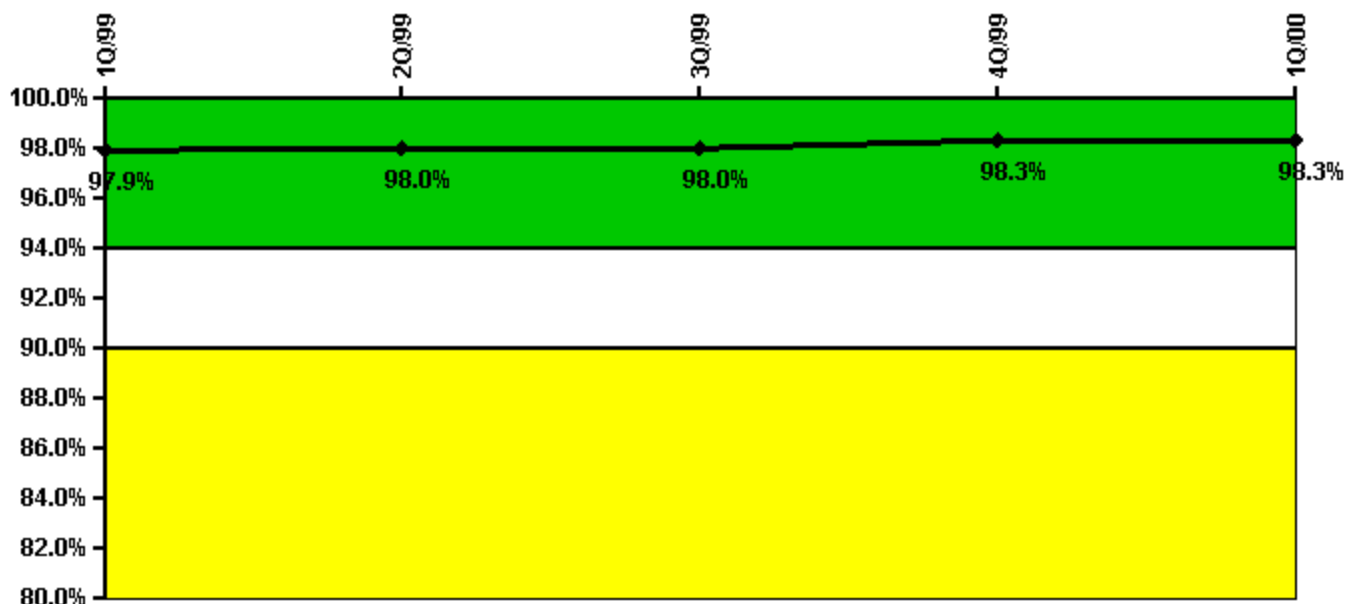
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	81.0	77.0	100.0	98.0	87.0
Total Key personnel	81.0	77.0	100.0	102.0	94.0
Indicator value	100.0%	100.0%	100.0%	96.1%	92.6%

Licensee Comments: none

### Alert & Notification System



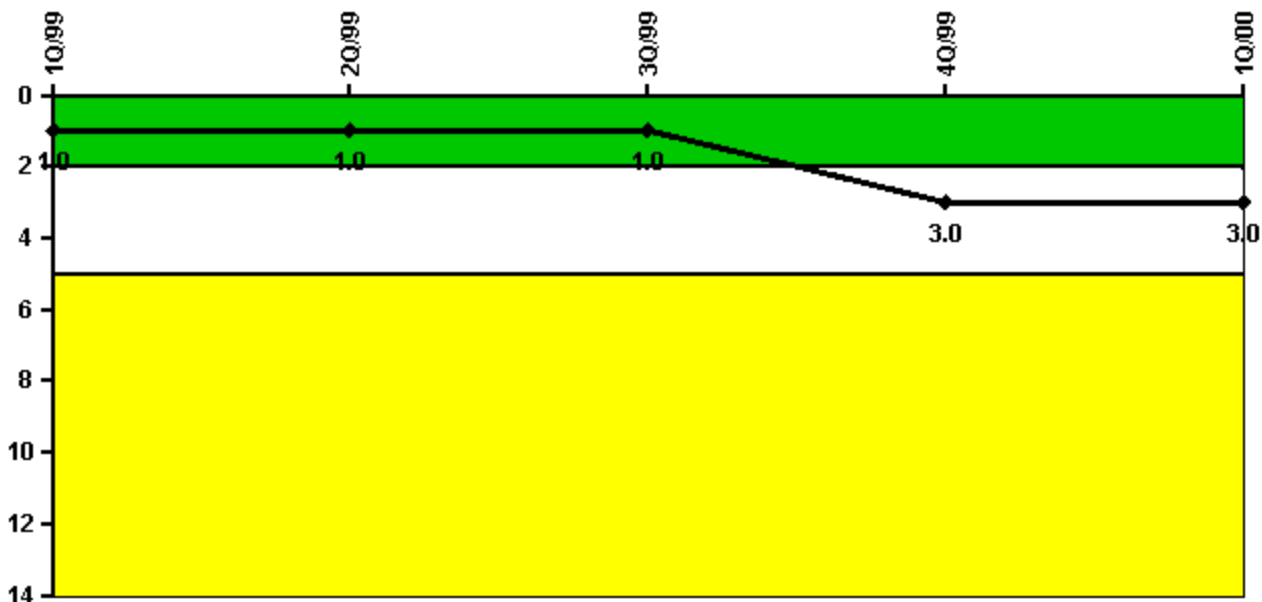
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	699	788	787	803	602
Total sirens-tests	707	808	808	808	606
Indicator value	97.9%	98.0%	98.0%	98.3%	98.3%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

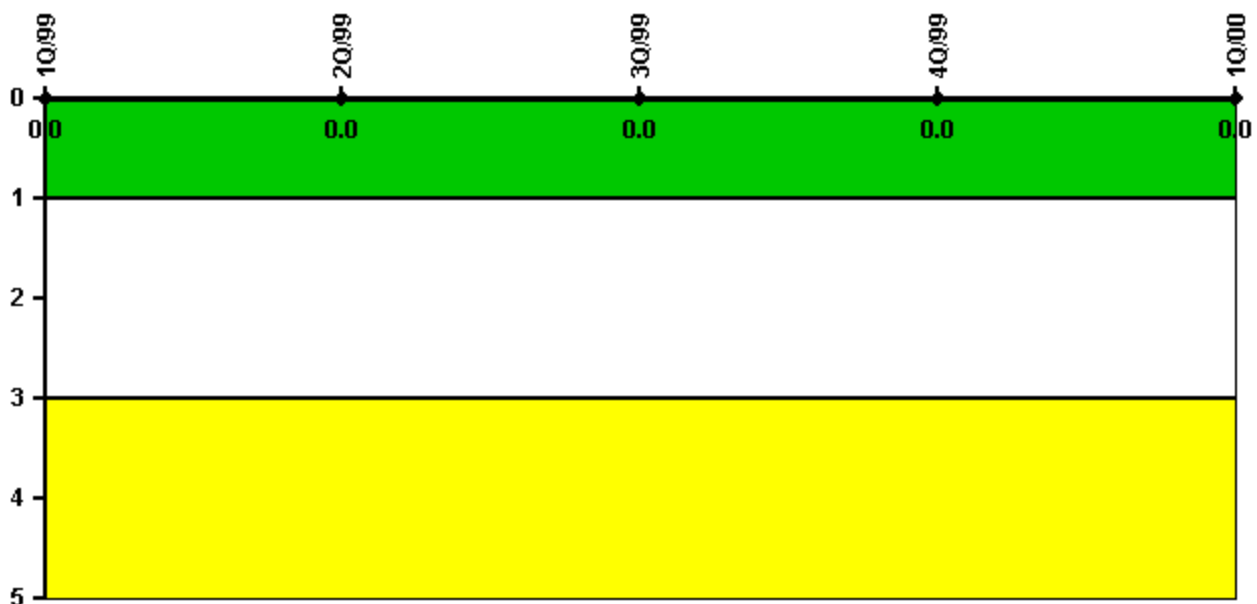
**Notes**

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

Licensee Comments:

1Q/00: The events were associated with Technical Specifications Restricted High Radiation Area (dose rates greater than 1000 mrem/hr). Three events have occurred during the previous 4 quarters, first in April 1999, the second in October 1999, and the third in November 1999. A comprehensive review and cause determination of these problems has been completed. Corrective actions are in place and assessments are planned to verify the effectiveness of the corrective actions. A team of qualified technicians has been formed and has instituted human performance tools to help prevent re-occurrence. No additional personnel dose resulted from any of these incidents.

### RETS/ODCM Radiological Effluent



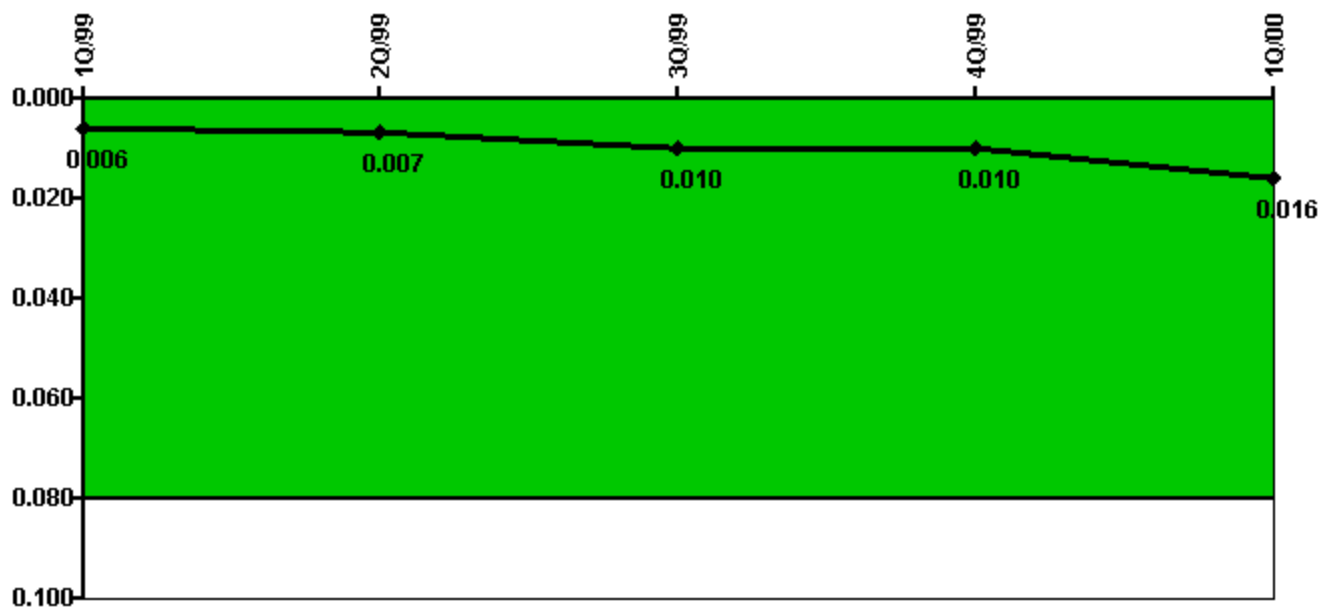
Thresholds: White > 1.0 Yellow > 3.0

#### 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

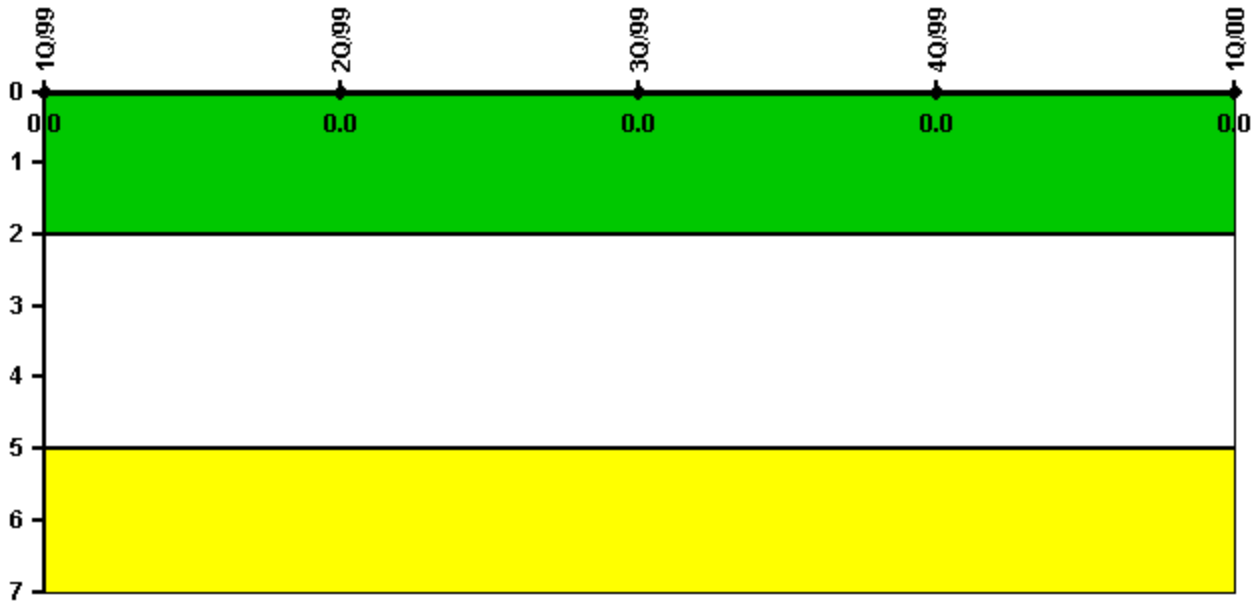
#### Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	66.90	16.30	113.60	46.50	222.10
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	1.45	1.45	1.45	1.45	1.45
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
<b>Index Value</b>	<b>0.006</b>	<b>0.007</b>	<b>0.010</b>	<b>0.010</b>	<b>0.016</b>

Licensee Comments: none



### 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	0	0	0	0	0

Licensee Comments: none

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Last Modified: April 1, 2002