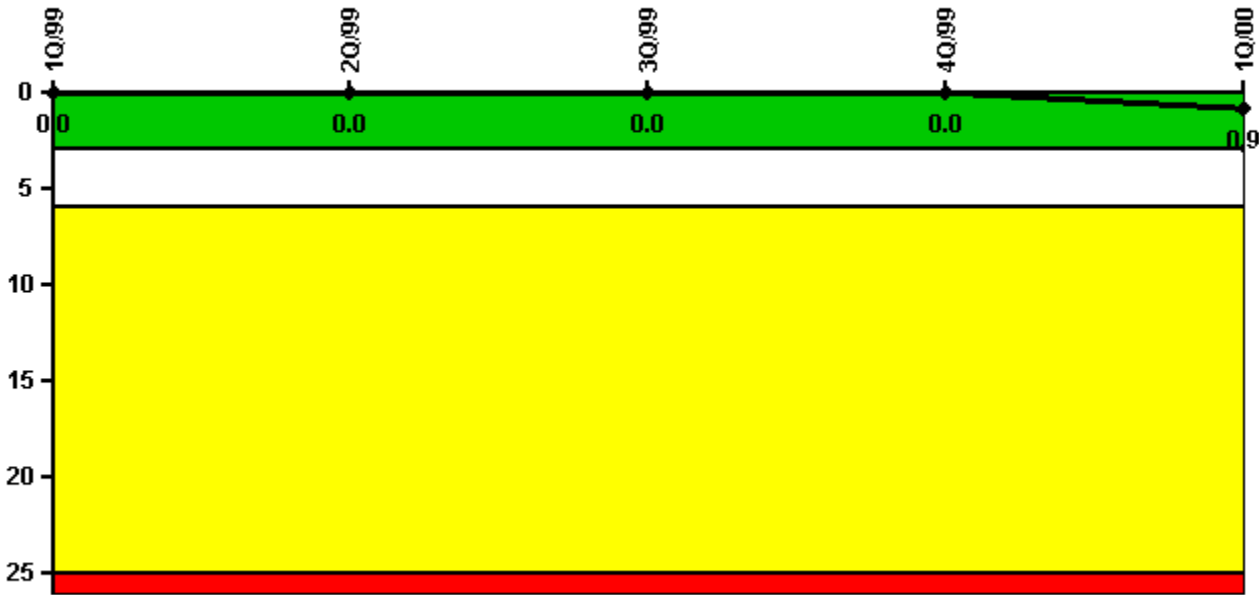


### Catawba 1

#### 1Q/2000 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



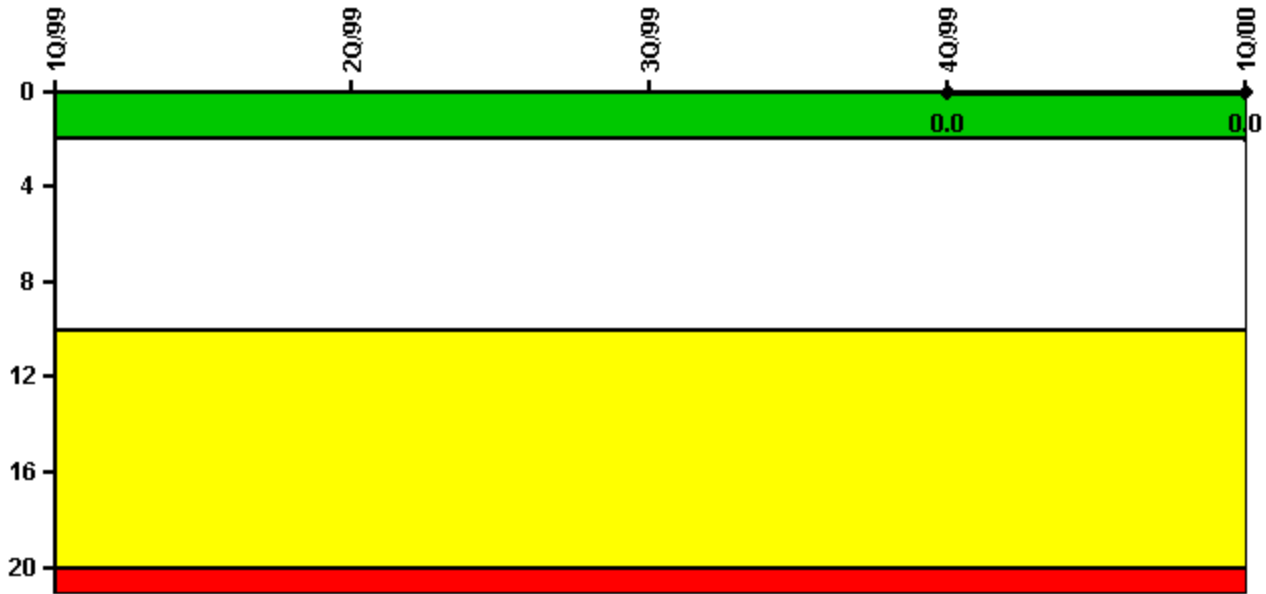
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	0	0	0	1.0
Critical hours	2160.0	1429.0	2208.0	2209.0	2163.0
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.9</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



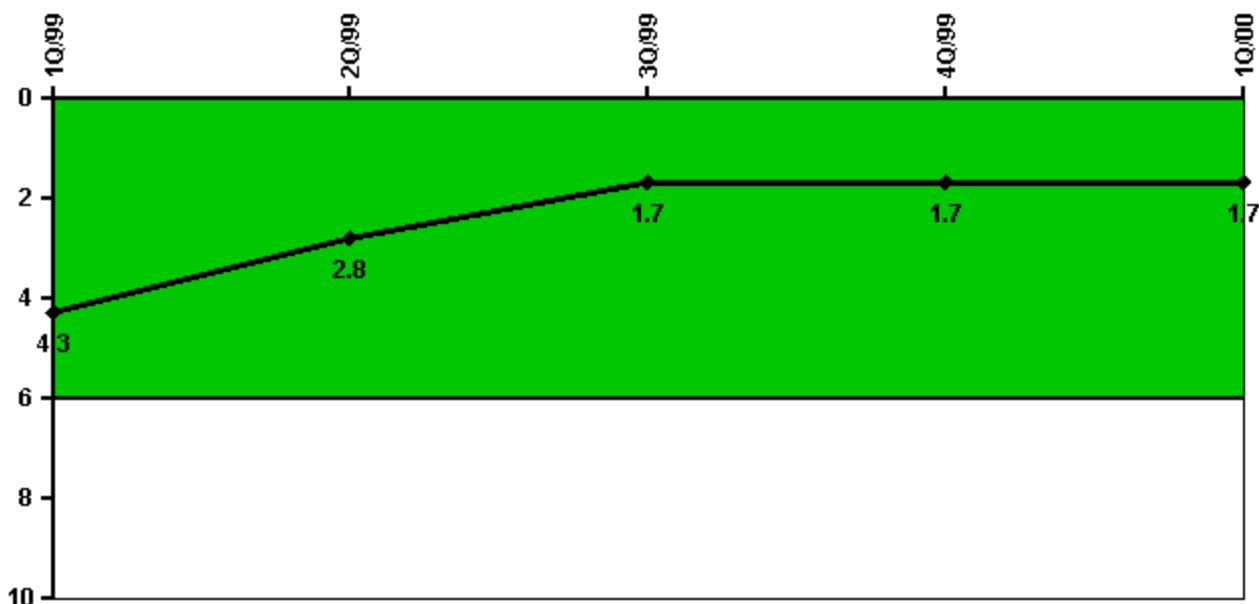
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

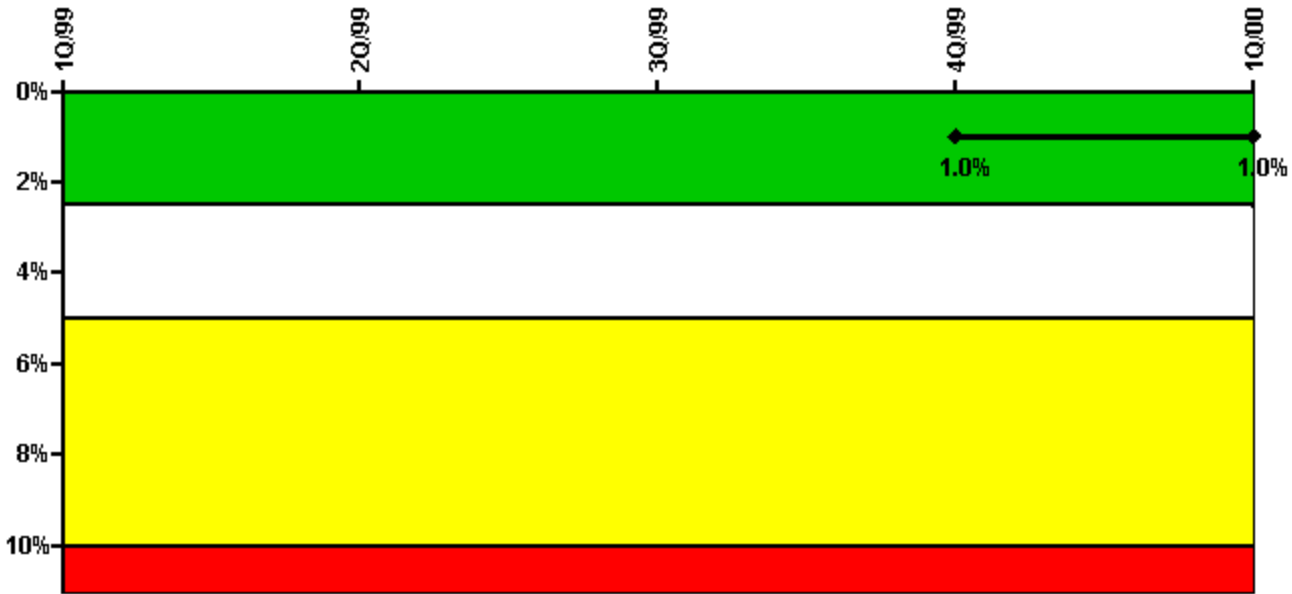
#### Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	1.0	0	1.0	0	1.0
Critical hours	2160.0	1429.0	2208.0	2209.0	2163.0
<b>Indicator value</b>	<b>4.3</b>	<b>2.8</b>	<b>1.7</b>	<b>1.7</b>	<b>1.7</b>

Licensee Comments:

4Q/99: An unplanned power change was incorrectly reported for 11/1999. This power reduction had been planned greater than 72 hours prior to execution. Therefore, 1 unplanned power change has been removed from data reported for the 4th quarter, 1999. {Revised June, 2000}

### Safety System Unavailability, Emergency AC Power



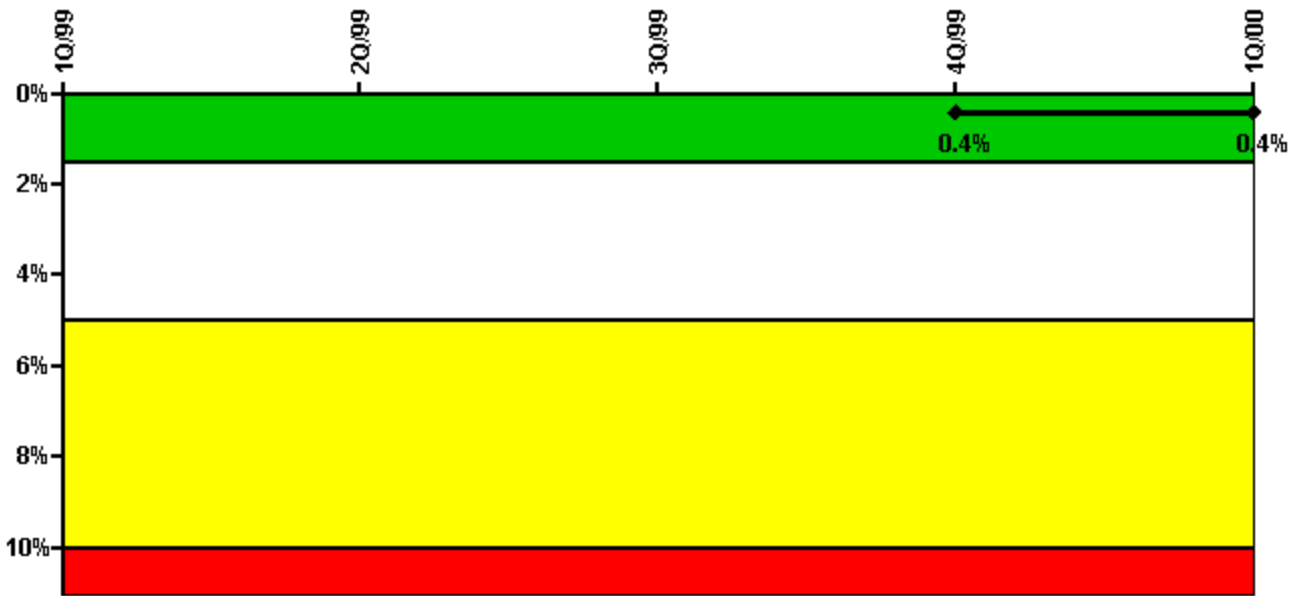
Thresholds: **White** > 2.5% **Yellow** > 5.0% **Red** > 10.0%

#### Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	9.98	50.33	10.54	79.82	44.59
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	2208.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	4.80	7.55	19.30	12.73	2.04
Unplanned unavailable hours	0	4.85	0	95.83	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	2208.00	2184.00
<b>Indicator value</b>				<b>1.0%</b>	<b>1.0%</b>

Licensee Comments: none

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



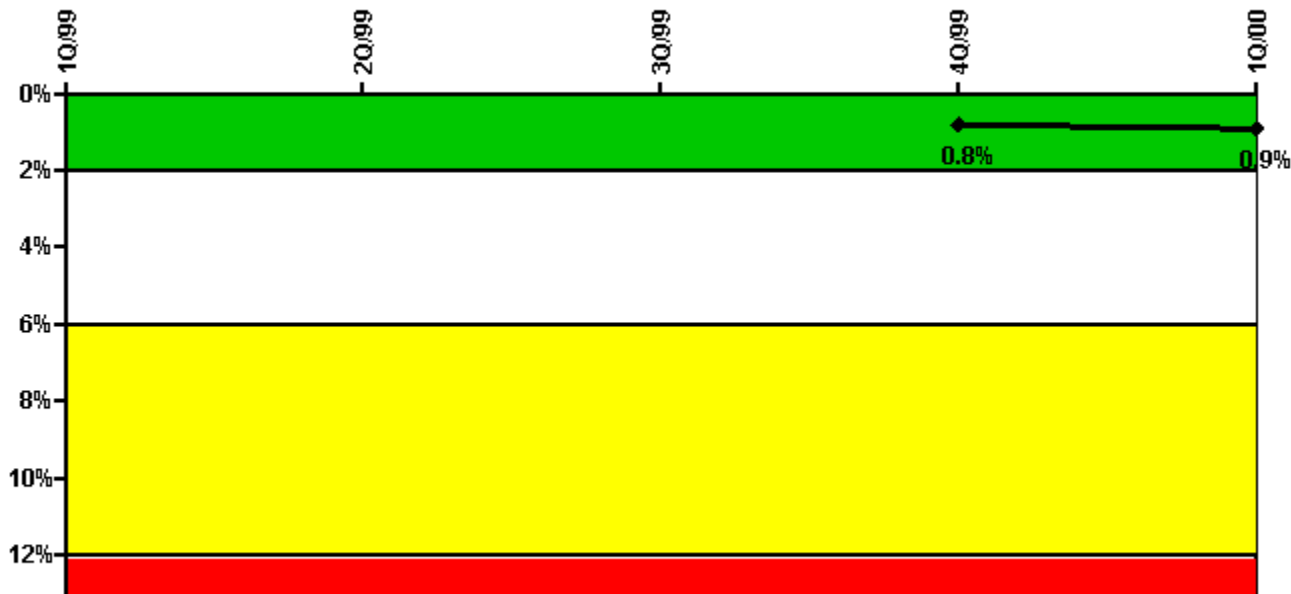
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### 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	4.20	0	0.30	4.50	1.80
Unplanned unavailable hours	0	0	0	0	4.40
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1533.00	2208.00	2208.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	0	0	31.80	14.40	15.60
Unplanned unavailable hours	0	124.70	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1533.00	2208.00	2208.00	2184.00
<b>Train 3</b>					
Planned unavailable hours	12.00	0	0	8.30	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	1533.00	2208.00	2208.00	2184.00
<b>Train 4</b>					
Planned unavailable hours	4.90	0	4.70	0	0
Unplanned unavailable hours	11.10	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1533.00	2208.00	2208.00	2184.00
<b>Indicator value</b>				<b>0.4%</b>	<b>0.4%</b>

Licensee Comments: none

### 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	1.20	0	49.60	72.00	76.58
Unplanned unavailable hours	0	0	51.10	0	12.10
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1533.30	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	11.20	0	35.00	69.30	50.33
Unplanned unavailable hours	0	0	20.40	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1533.30	2208.00	2209.00	2184.00
<b>Train 3</b>					
Planned unavailable hours	12.00	10.70	19.10	9.20	10.19
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	1533.30	2208.00	2209.00	2184.00
<b>Indicator value</b>				<b>0.8%</b>	<b>0.9%</b>

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/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	32.00	32.30	11.60	31.60	26.50
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	1981.00	2208.00	2208.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	2.50	2.35	12.60	7.50	0.50
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	1981.00	2208.00	2208.00	2184.00
<b>Indicator value</b>				1.5%	1.4%

#### Licensee Comments:

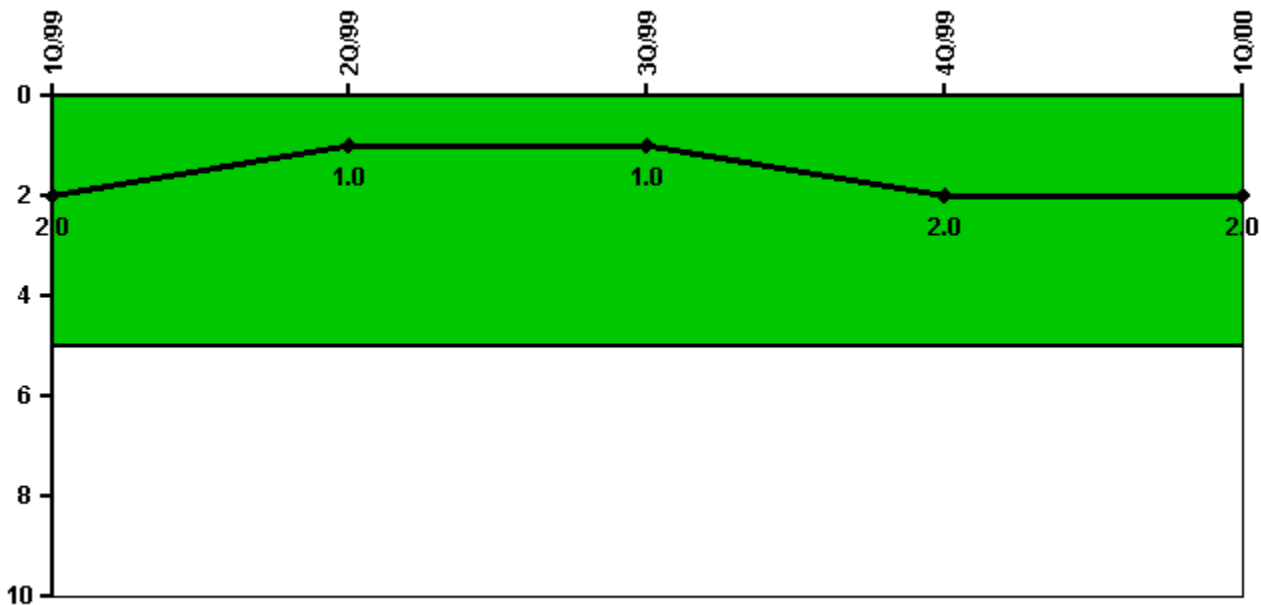
1Q/00: This indicator is in the WHITE band because of the assignment of fault exposure hours as required by the reporting guidelines for this performance indicator. These fault hours resulted from a failure of a valve to stroke during a routine surveillance test performed in May 1997. The valve was repaired and successfully tested. In accordance with the reporting guidelines, the licensee is pursuing resetting these hours. This indicator, therefore, is expected to return to the GREEN band by the end of 2Q/2000.

4Q/98: Corrected data entry error (2Q2001)

2Q/97: Based on guidance in NEI 99-02, Rev 0, no fault hours should have been assigned for a situation that occurred in May, 1997. Therefore, 851 fault exposure hours have been removed from Train 2 hours reported for 2nd quarter, 1997. {Revised June, 2000}

1Q/97: Based on guidance in NEI 99-02, Rev 0, no fault hours should have been assigned for an situation that was discovered in May, 1997. Therefore, 156 fault exposure hours have been removed from Train 2 hours reported for 1st quarter, 1997. {Revised June, 2000}

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

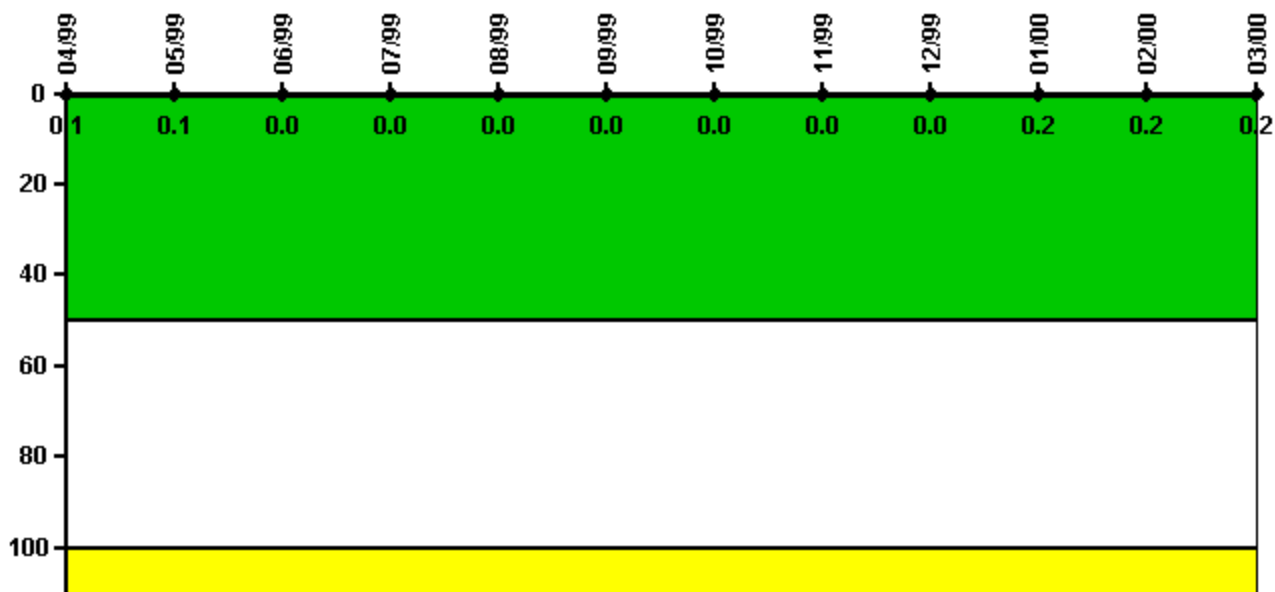
#### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

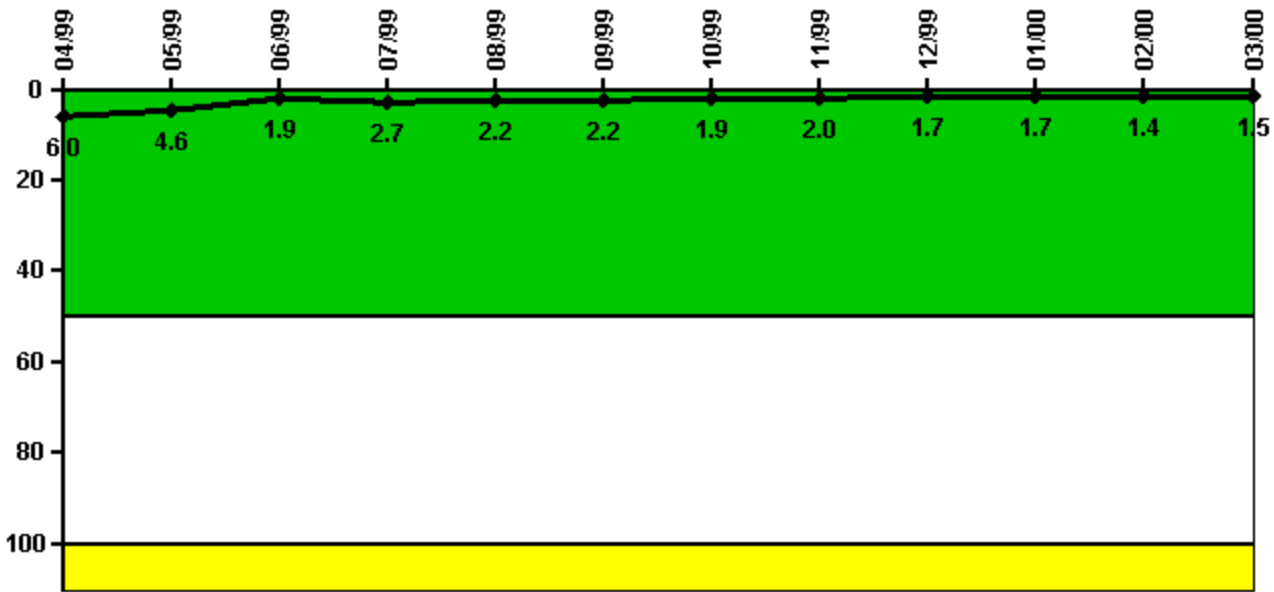
#### Notes

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	0.001000	0.000500	0.000200	0.000150	0.000160	0.000220	0.000160	0.000130	0.000110	0.000110	0.000120	0.000120
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.1	0.1
Indicator value	0.1	0.1	0	0	0	0	0	0	0	0.2	0.2	0.2

Licensee Comments:

3/00: Amended TS limit for RCS activity from 1 to 0.064 micro Curies per gram DEI based on the response to FAQ 72 issued in NEI 99-02, Revision 0.

### Reactor Coolant System Leakage



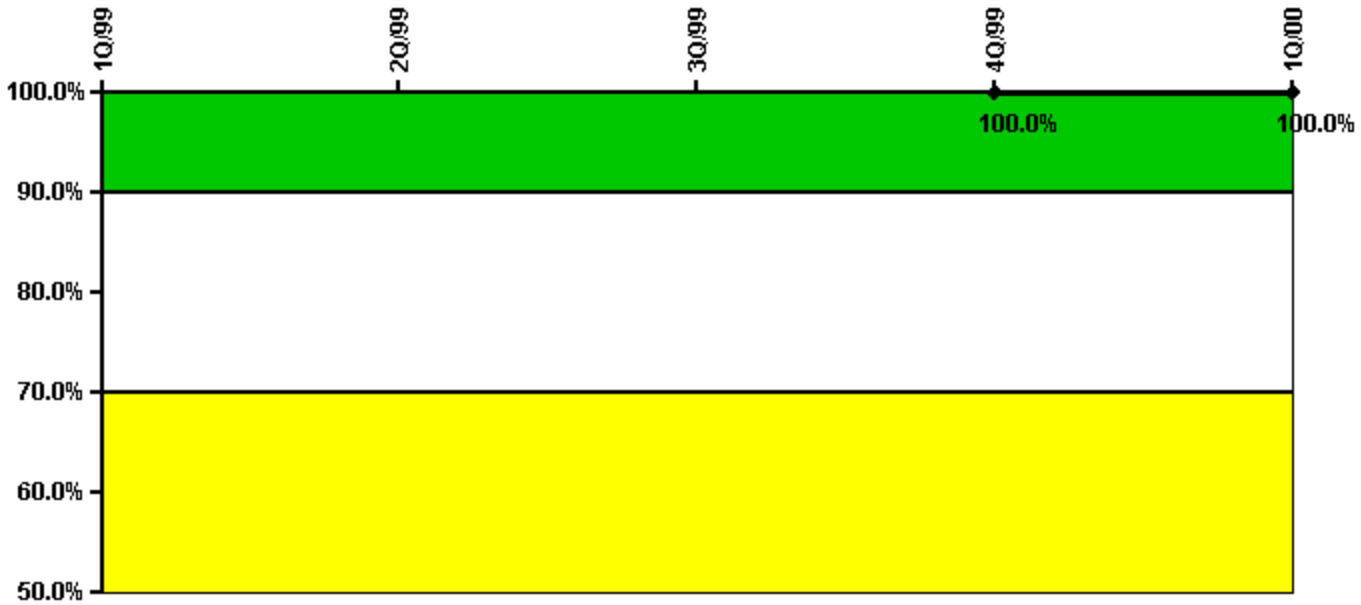
Thresholds: White > 50.0 Yellow > 100.0

#### 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	0.604	0.456	0.194	0.272	0.218	0.215	0.189	0.198	0.167	0.172	0.144	0.145
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	6.0	4.6	1.9	2.7	2.2	2.2	1.9	2.0	1.7	1.7	1.4	1.5

Licensee Comments: none

### Drill/Exercise Performance



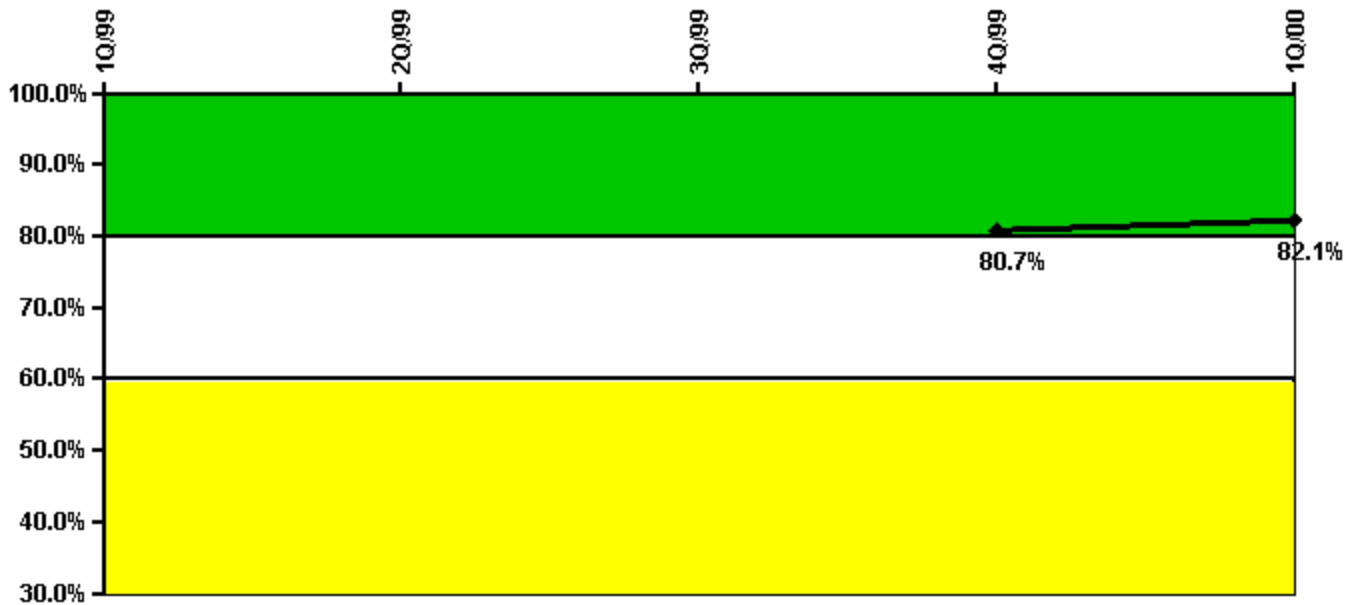
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	9.0	8.0	9.0	0	21.0
Total opportunities	9.0	8.0	9.0	0	21.0
<b>Indicator value</b>				<b>100.0%</b>	<b>100.0%</b>

Licensee Comments: none

### ERO Drill Participation



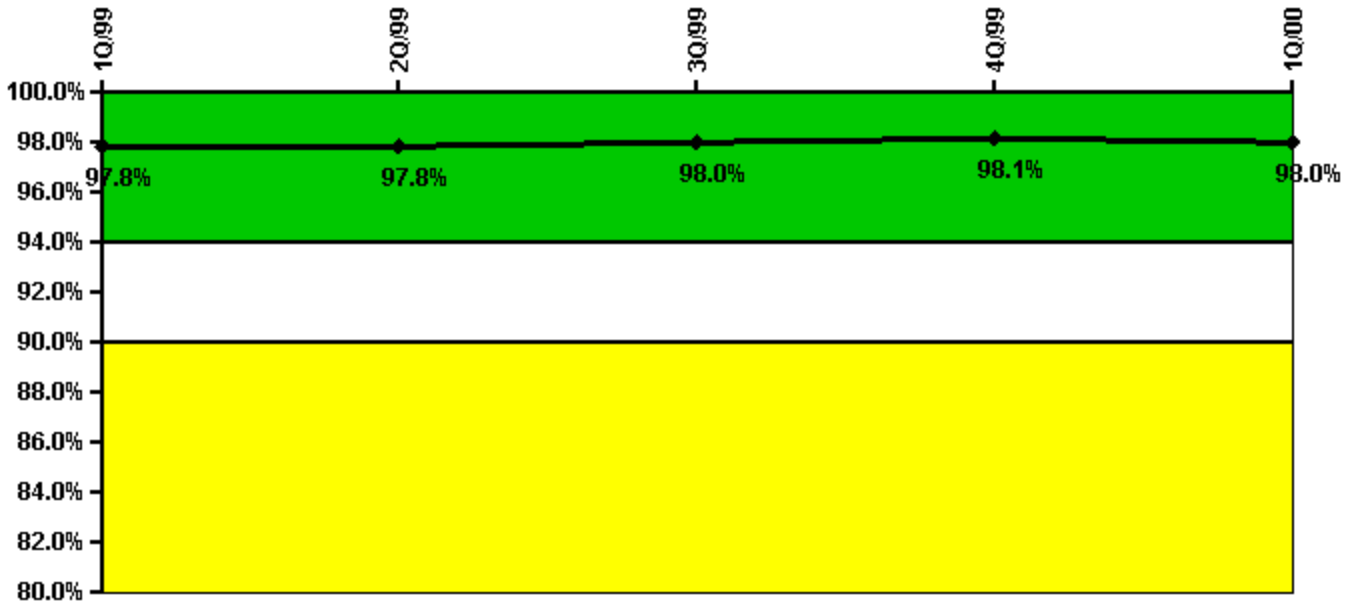
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel				151.0	161.0
Total Key personnel				187.0	196.0
Indicator value				80.7%	82.1%

Licensee Comments: none

### Alert & Notification System



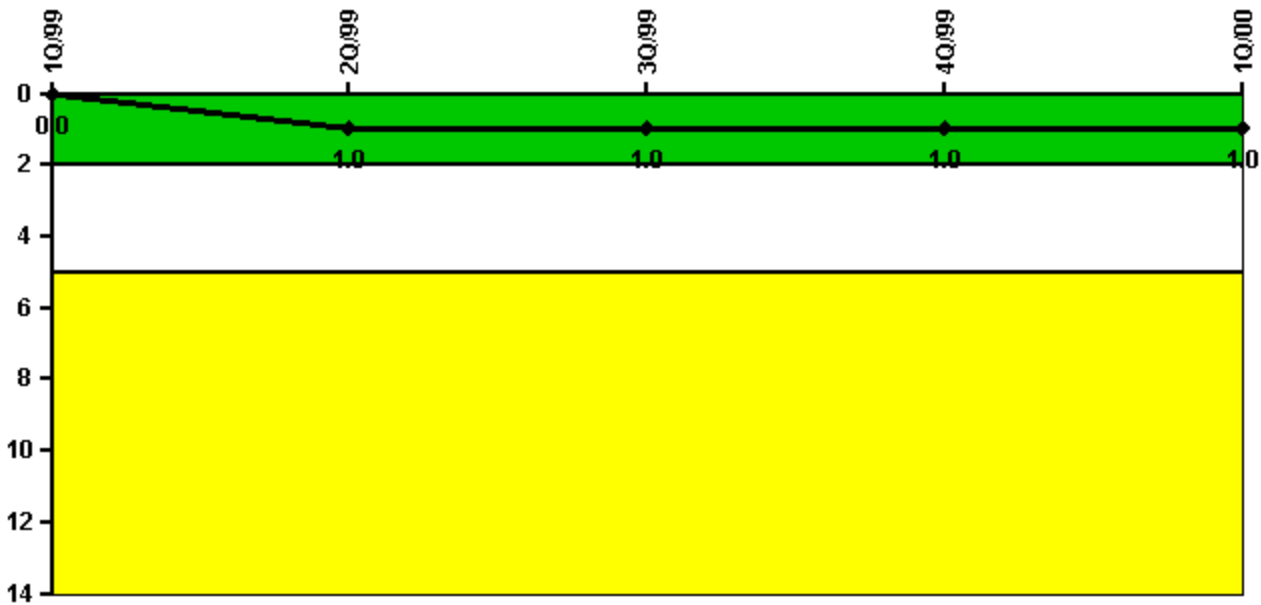
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	2139	2238	2203	2226	2213
Total sirens-tests	2188	2276	2247	2264	2276
Indicator value	97.8%	97.8%	98.0%	98.1%	98.0%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



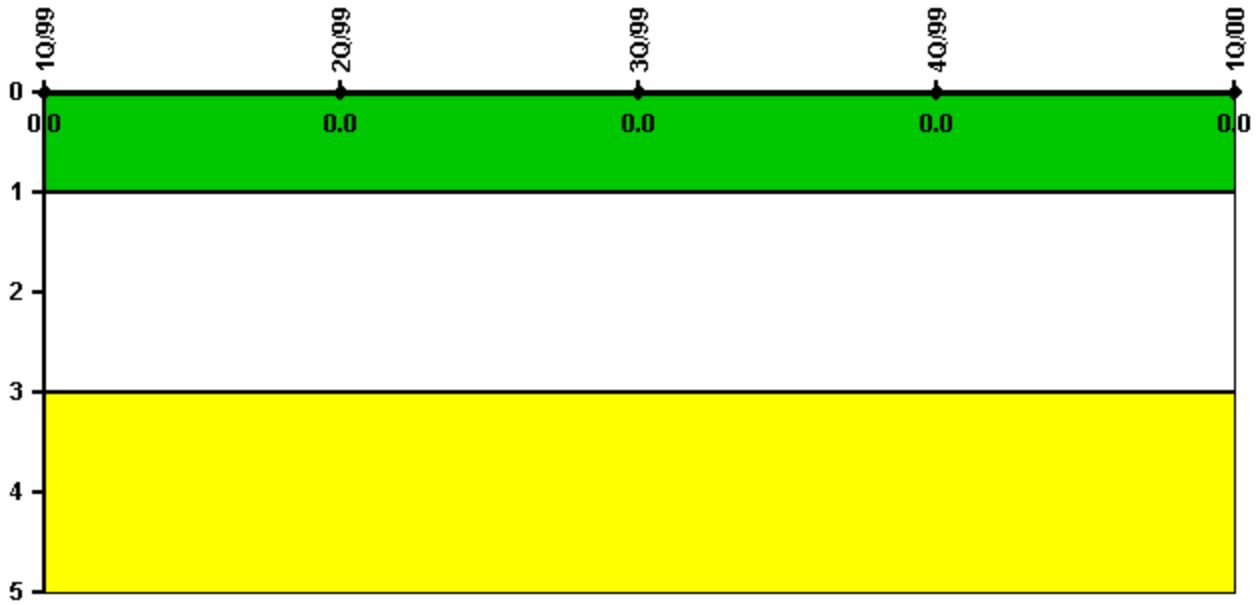
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

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

Licensee Comments: none

### RETS/ODCM Radiological Effluent



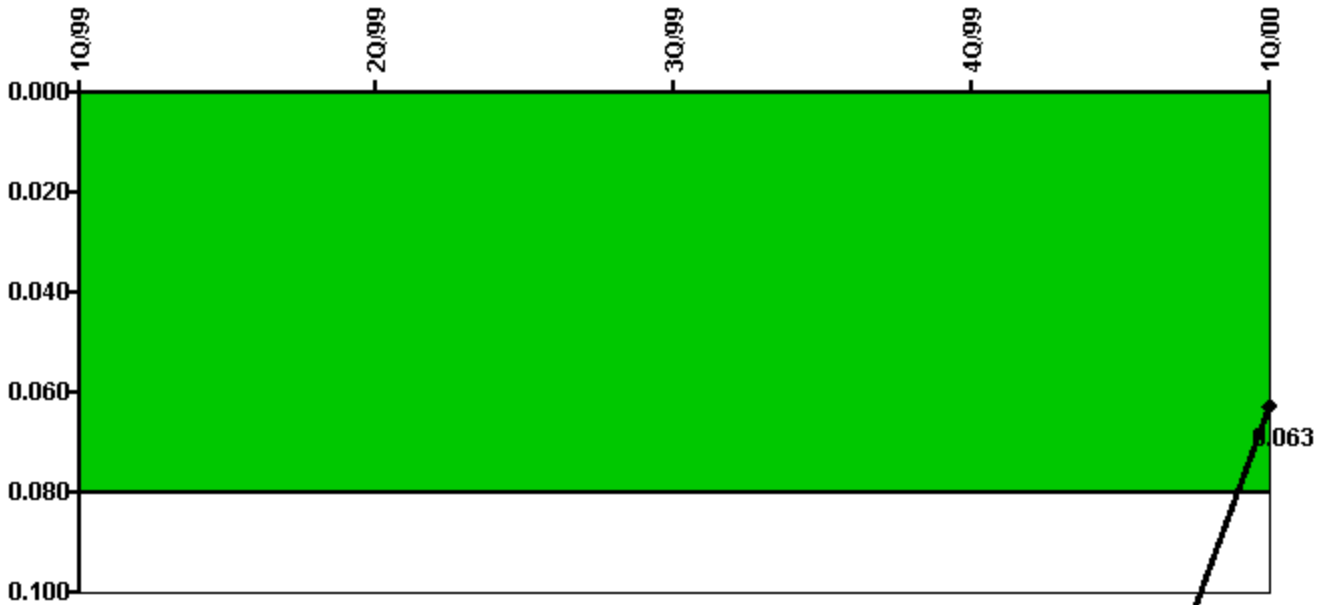
Thresholds: White > 1.0 Yellow > 3.0

#### 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

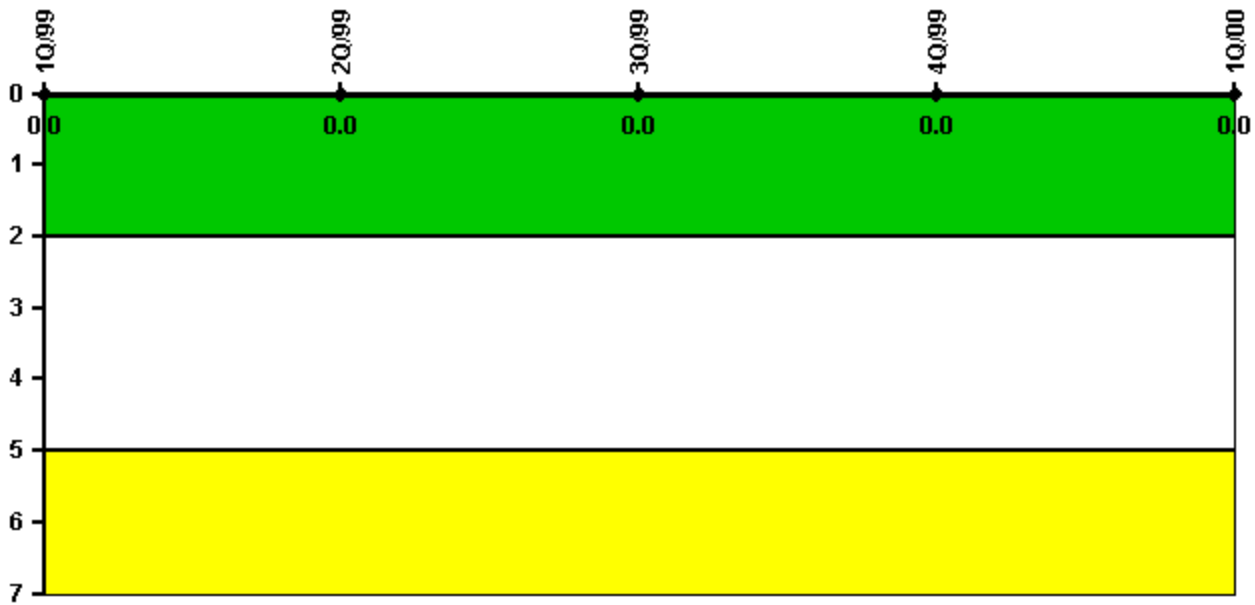
#### Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	100.70	37.29	401.80	88.80	37.50
CCTV compensatory hours	2879.5	764.0	0	5.4	105.0
IDS normalization factor	2.45	2.45	2.45	2.45	2.45
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
<b>Index Value</b>	<b>0.671</b>	<b>0.553</b>	<b>0.367</b>	<b>0.223</b>	<b>0.063</b>

Licensee Comments: none



### Personnel Screening Program



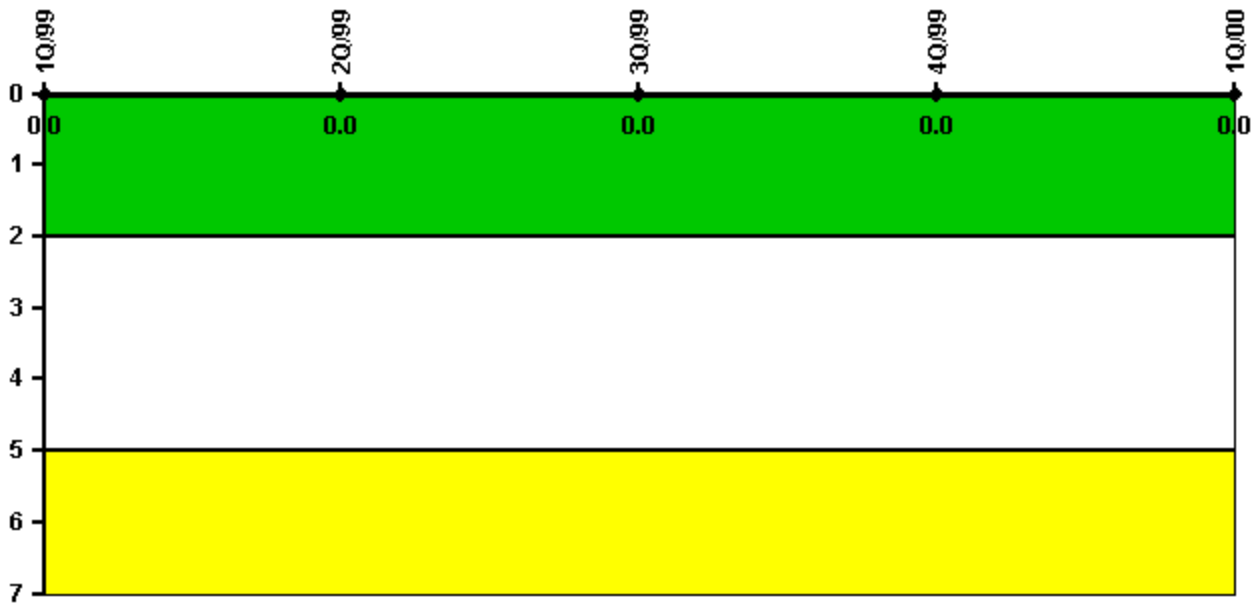
Thresholds: White > 2.0 Yellow > 5.0

#### 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

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

Last Modified: April 1, 2002