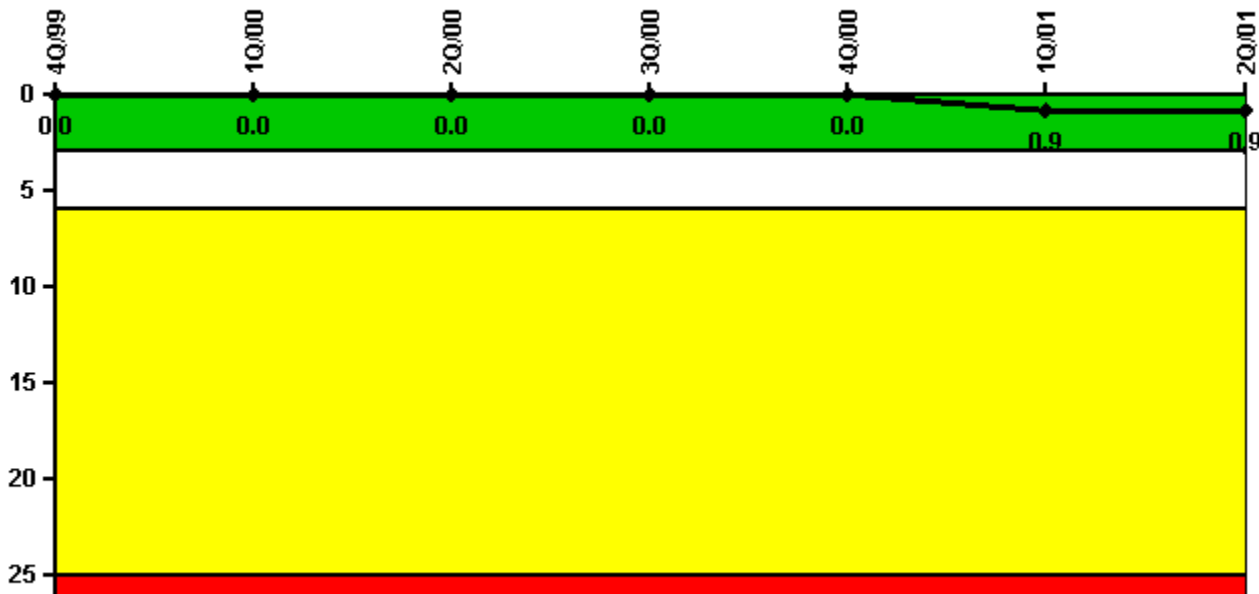


### Beaver Valley 2

#### 2Q/2001 Performance Indicators

Licensee's General Comments: Revised the "Unplanned Power Changes per 7,000 Critical Hours" for April, 2001 to include a 4/21/01 power reduction, based on disposition of FAQ (temp #26.7) at 12/13/01 meeting.

#### 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	0	0	1.0	0
Critical hours	1919.2	2184.0	2183.0	2017.2	1454.3	2112.1	2183.0
Indicator value	0	0	0	0	0	0.9	0.9

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



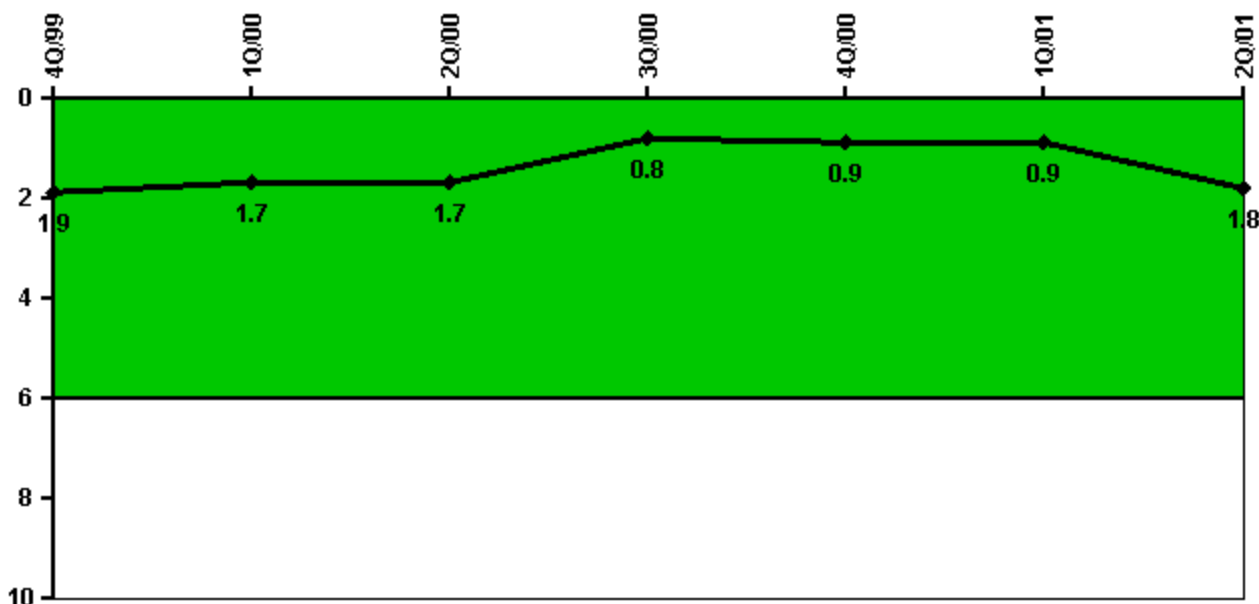
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	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

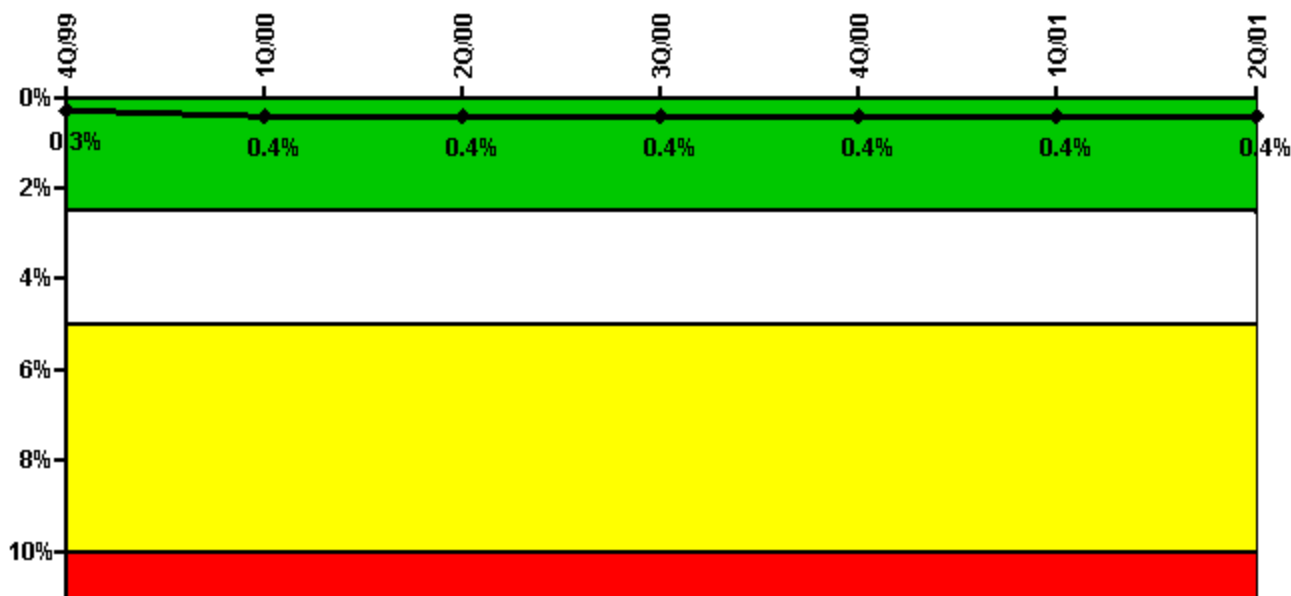
#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	1.0	0	0	0	1.0	0	1.0
Critical hours	1919.2	2184.0	2183.0	2017.2	1454.3	2142.1	2183.0
Indicator value	1.9	1.7	1.7	0.8	0.9	0.9	1.8

Licensee Comments:

2Q/01: Value for April was revised to include a power reduction on 4/21/01 which initially was not counted. Revised based on FAQ decision reviewed (with tentative approval) at 12/13/01 meeting.

### Safety System Unavailability, Emergency AC Power



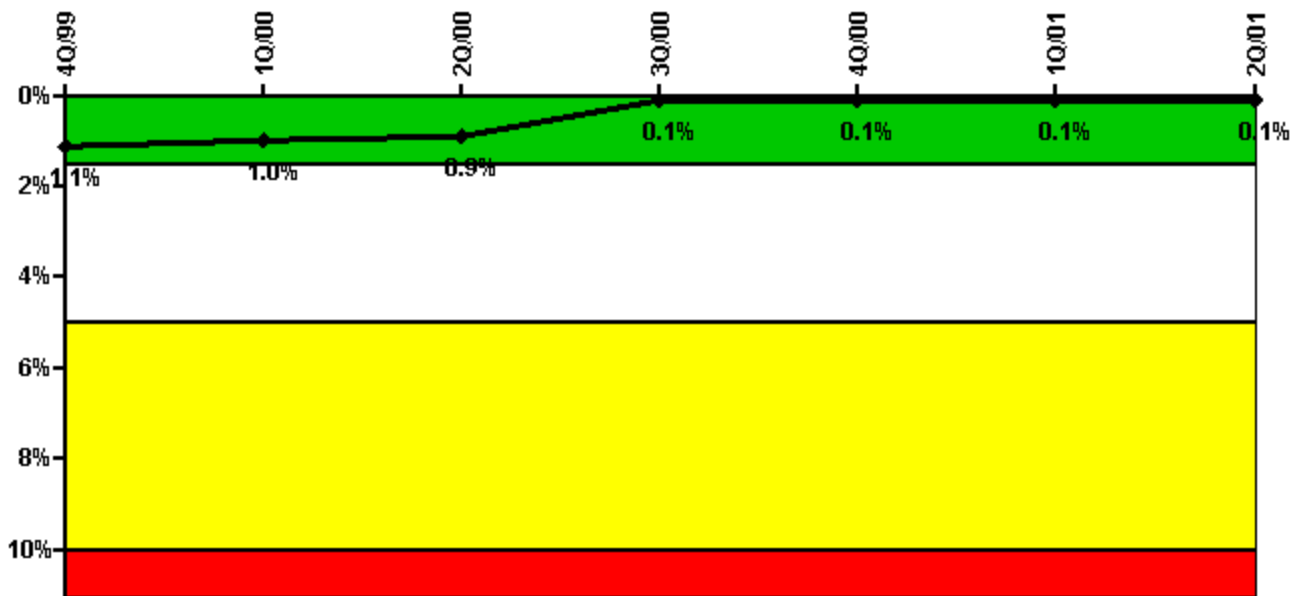
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	9.50	5.60	7.30	10.50	1.00	1.50	13.20
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
<b>Train 2</b>							
Planned unavailable hours	17.70	10.40	11.10	2.40	0.60	1.90	10.10
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
<b>Indicator value</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>

Licensee Comments: none

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



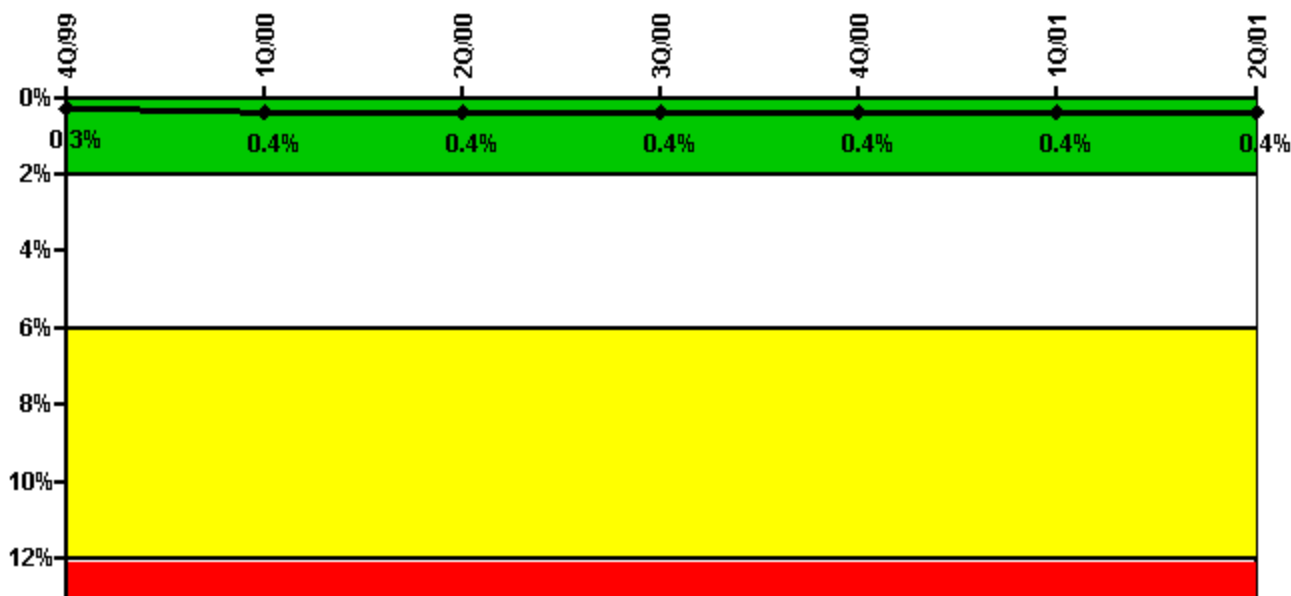
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	0	0	0.13	0	0.63	0	1.00
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	1928.40	2184.00	2183.00	2017.20	1455.13	2112.10	2183.00
<b>Train 2</b>							
Planned unavailable hours	0	0	0	0	0	0.93	0.73
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	1928.40	2184.00	2183.00	2017.20	1455.13	2112.10	2183.00
<b>Indicator value</b>	<b>1.1%</b>	<b>1.0%</b>	<b>0.9%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>

Licensee Comments: none

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



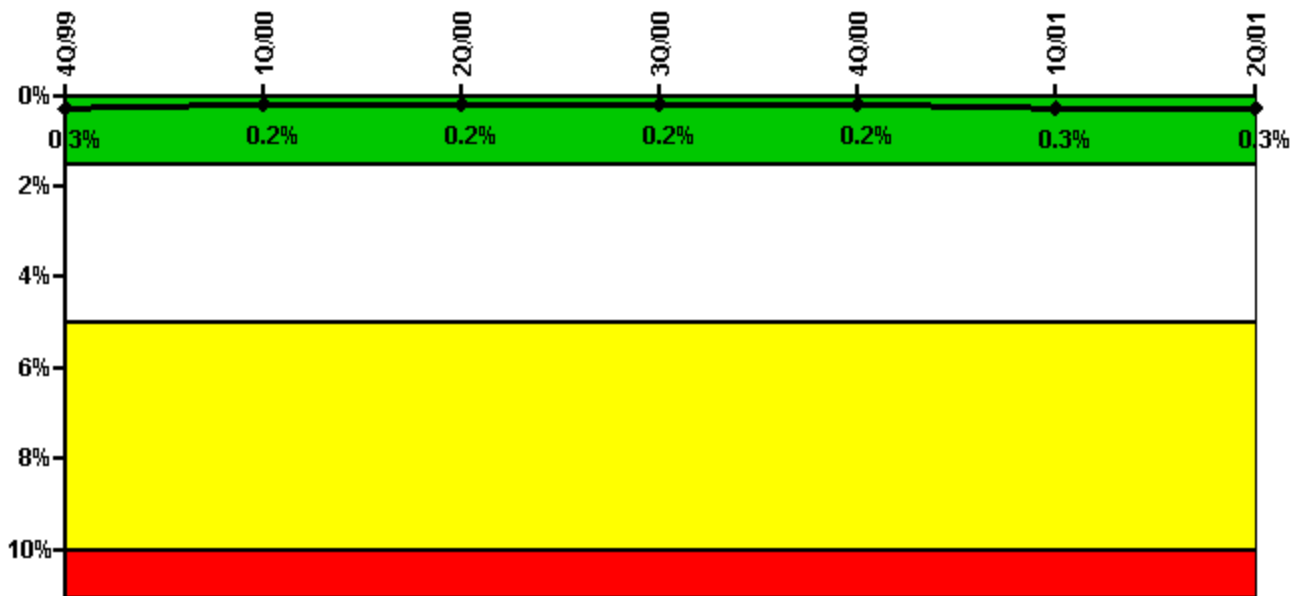
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

#### Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	0	0	0.23	0	12.92	0	0
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	1935.70	2184.00	2183.00	2023.10	1485.23	2160.00	2183.00
<b>Train 2</b>							
Planned unavailable hours	0	0	11.03	0	6.67	0	0
Unplanned unavailable hours	0	81.00	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	1935.70	2184.00	2183.00	2023.10	1485.23	2160.00	2183.00
<b>Train 3</b>							
Planned unavailable hours	7.90	4.95	0.93	1.80	1.18	14.81	2.36
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	1935.70	2184.00	2183.00	2023.10	1485.23	2160.00	2183.00
<b>Indicator value</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



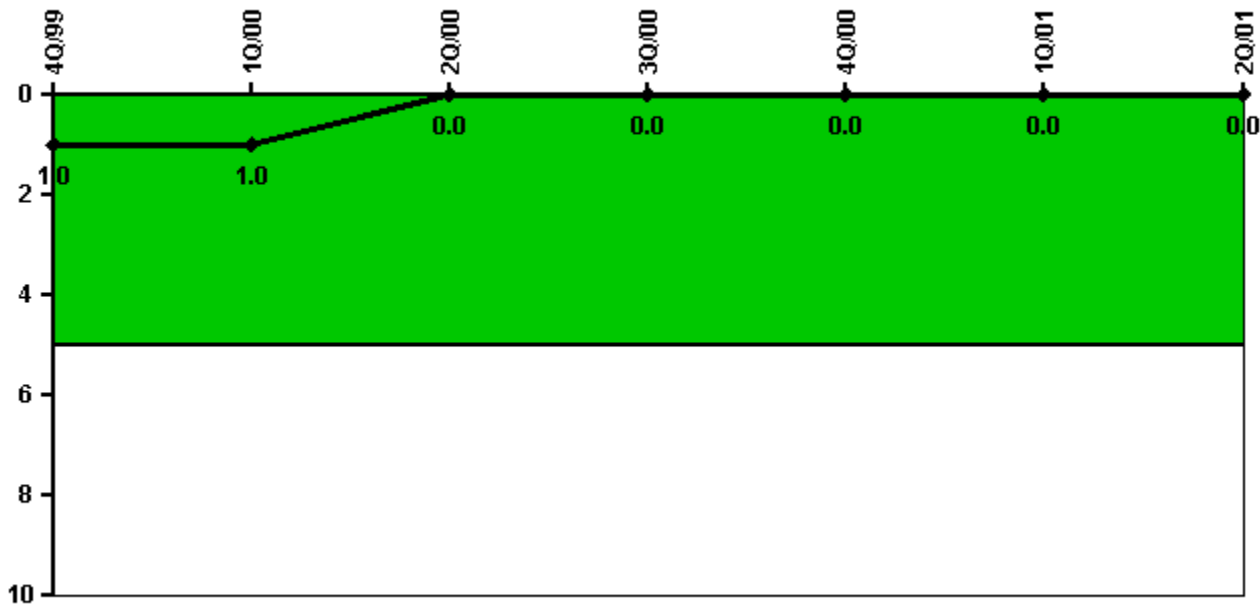
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	6.60	3.53	0.69	0.87	0	9.76	0.54
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	2209.00	2184.00	2183.00	2023.10	1543.10	2160.00	2183.00
<b>Train 2</b>							
Planned unavailable hours	17.00	5.56	4.31	0.99	7.18	0.60	0.66
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	2209.00	2184.00	2183.00	2023.10	1543.10	2160.00	2183.00
<b>Train 3</b>							
Planned unavailable hours	6.60	0	0	0	0	0	0
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	2209.00	0	0	187.60	608.00	0	0
<b>Train 4</b>							
Planned unavailable hours	17.00	0	0	0	0	0	0
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	2209.00	0	0	187.60	608.00	0	0
<b>Indicator value</b>	<b>0.3%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.3%</b>	<b>0.3%</b>

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

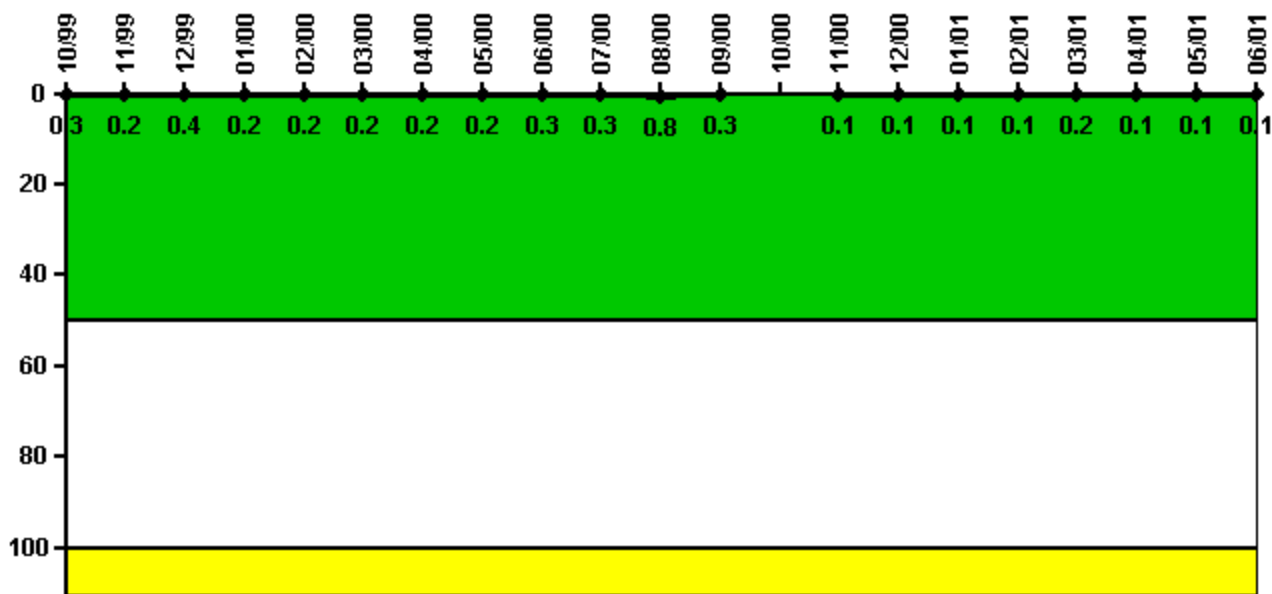
#### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

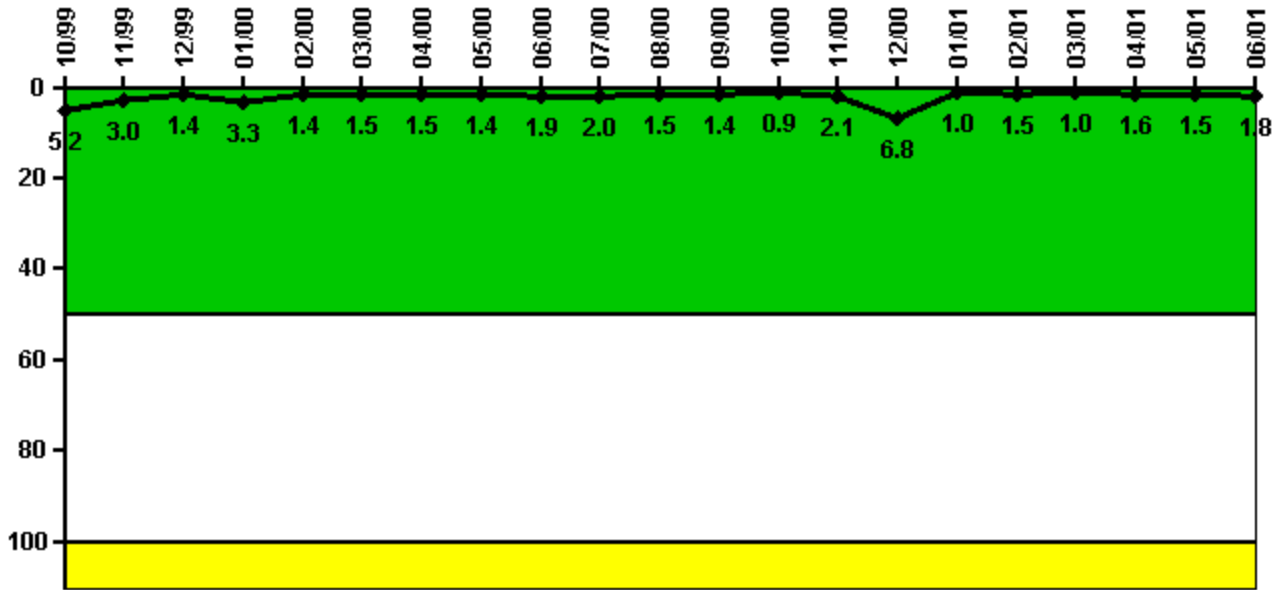
**Notes**

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000970	0.000780	0.001280	0.000810	0.000778	0.000858	0.000833	0.000860	0.000891	0.000907	0.002760	0.001128
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	0.3	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.8	0.3

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	N/A	0.000277	0.000277	0.000349	0.000332	0.000572	0.000348	0.000415	0.000372
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	N/A	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

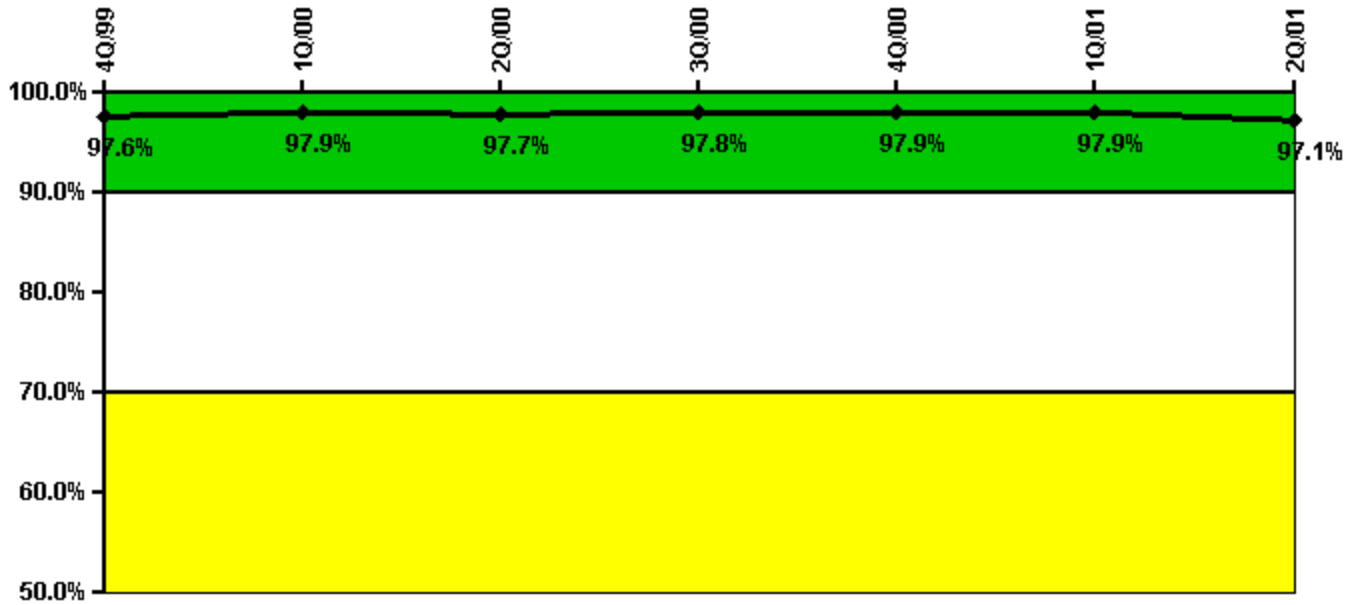
#### Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.516	0.302	0.143	0.325	0.137	0.152	0.147	0.136	0.187	0.195	0.150	0.138
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	5.2	3.0	1.4	3.3	1.4	1.5	1.5	1.4	1.9	2.0	1.5	1.4

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.091	0.212	0.679	0.102	0.145	0.101	0.162	0.148	0.175
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	2.1	6.8	1.0	1.5	1.0	1.6	1.5	1.8

Licensee Comments: none

### Drill/Exercise Performance



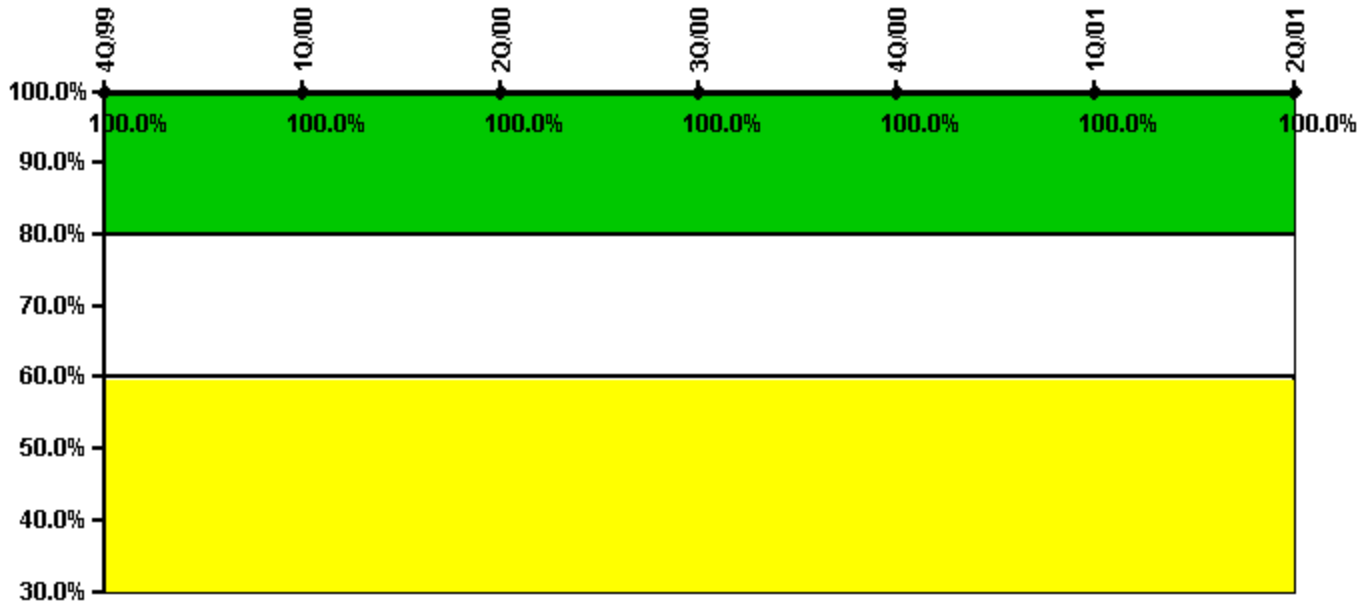
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	18.0	16.0	76.0	50.0	46.0	8.0	71.0
Total opportunities	18.0	16.0	78.0	52.0	47.0	8.0	75.0
<b>Indicator value</b>	<b>97.6%</b>	<b>97.9%</b>	<b>97.7%</b>	<b>97.8%</b>	<b>97.9%</b>	<b>97.9%</b>	<b>97.1%</b>

Licensee Comments: none

### ERO Drill Participation



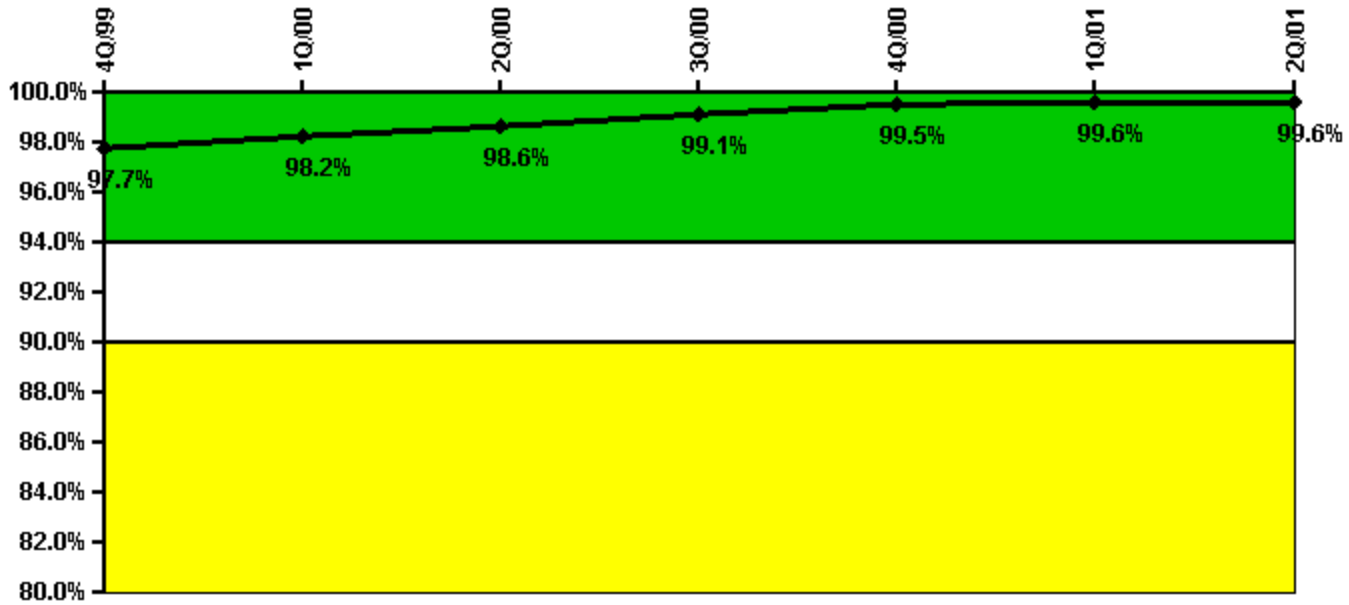
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	87.0	86.0	84.0	83.0	85.0	85.0	91.0
Total Key personnel	87.0	86.0	84.0	83.0	85.0	85.0	91.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

### Alert & Notification System



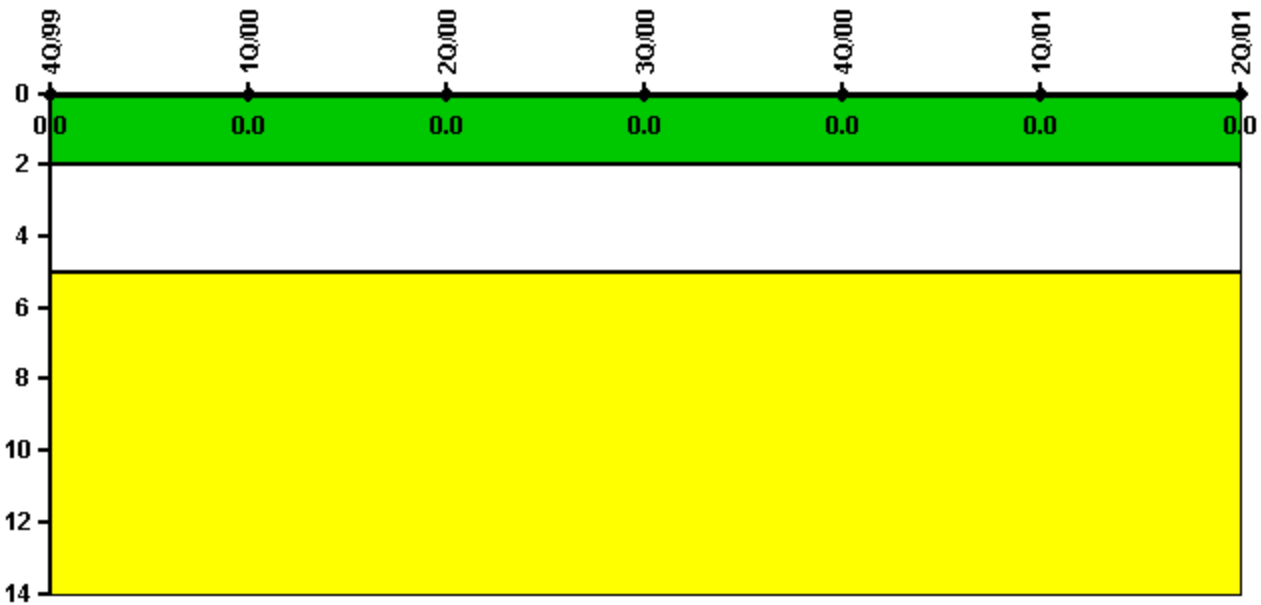
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	108	109	110	218	110	110	110
Total sirens-tests	110	110	110	220	110	110	110
Indicator value	97.7%	98.2%	98.6%	99.1%	99.5%	99.6%	99.6%

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	0	0	0	0
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



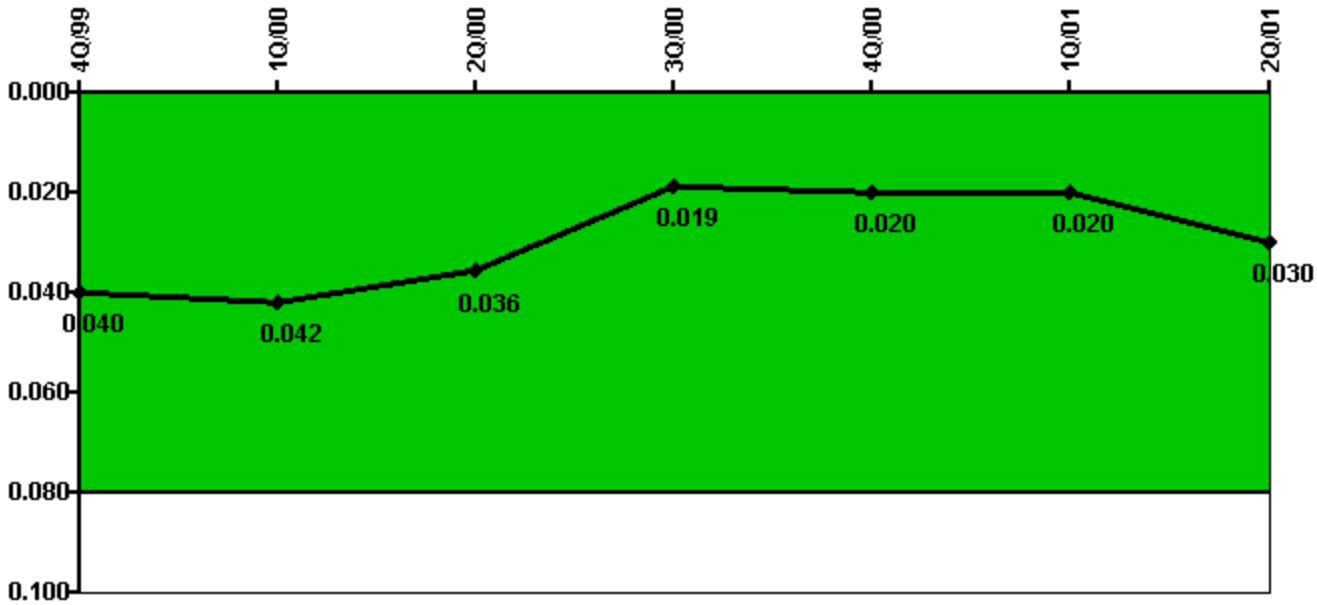
Thresholds: White > 1.0 Yellow > 3.0

#### 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

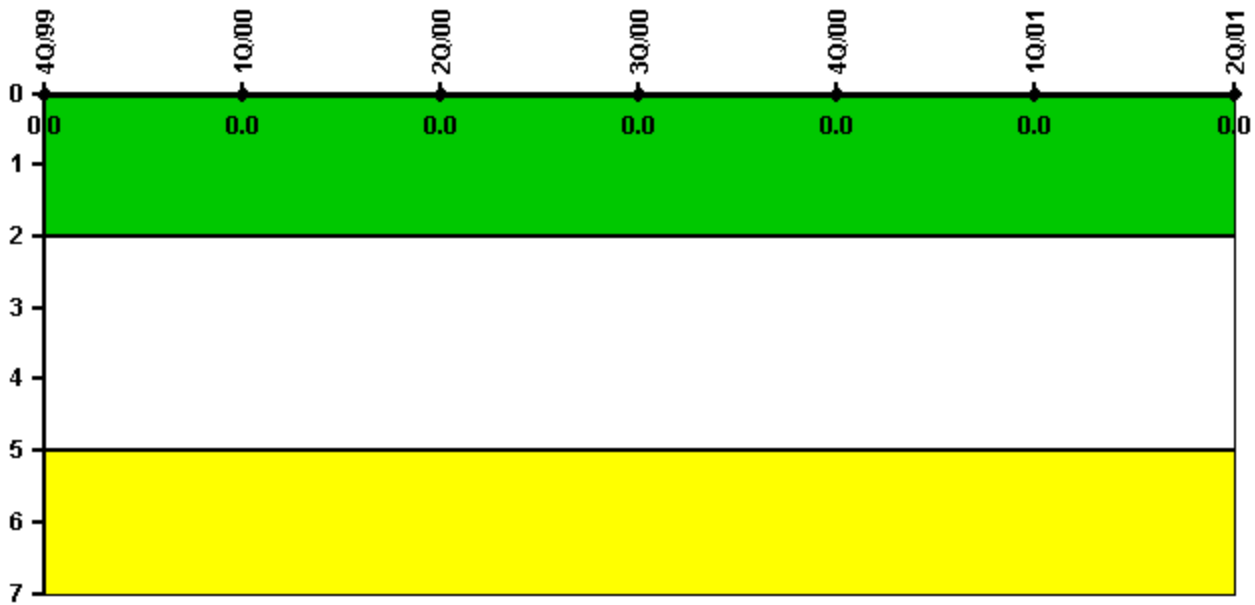
Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	333.60	147.23	110.02	364.68	373.33	155.00	584.02
CCTV compensatory hours	0	0	0	0	0	1.6	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.82
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>Index Value</b>	<b>0.040</b>	<b>0.042</b>	<b>0.036</b>	<b>0.019</b>	<b>0.020</b>	<b>0.020</b>	<b>0.030</b>

Licensee Comments:

2Q/01: IDS Normalization factor changed from 2.85 (for April and May) to 2.75 for June. Average of 2.8167 was used for Q2.



### Personnel Screening Program



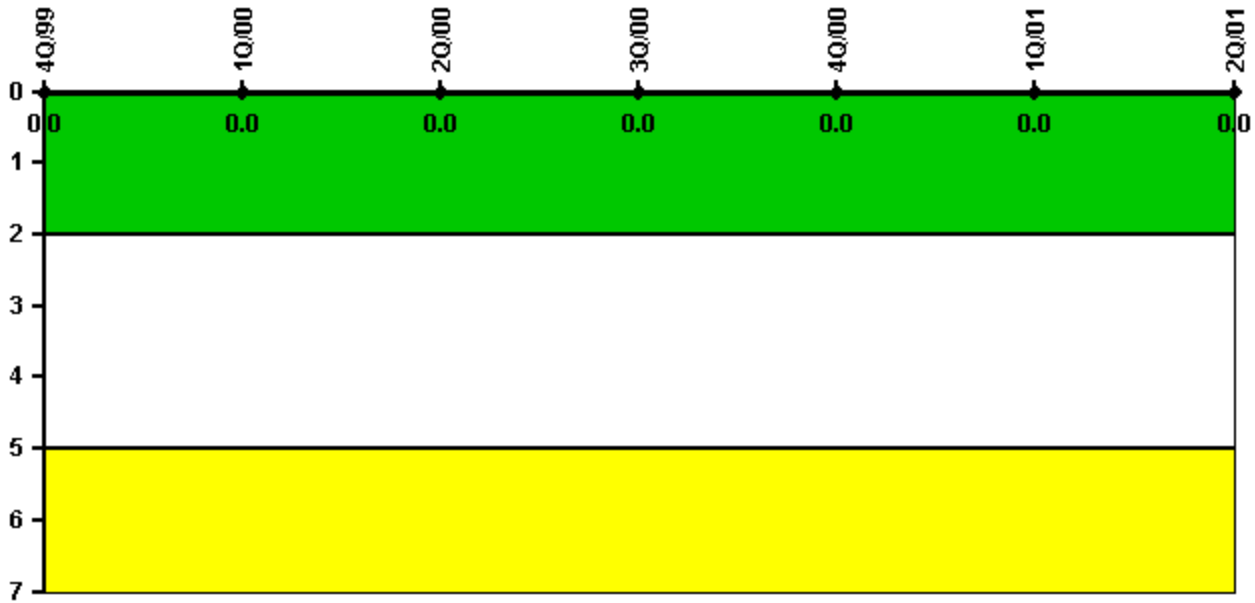
Thresholds: White > 2.0 Yellow > 5.0

#### 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