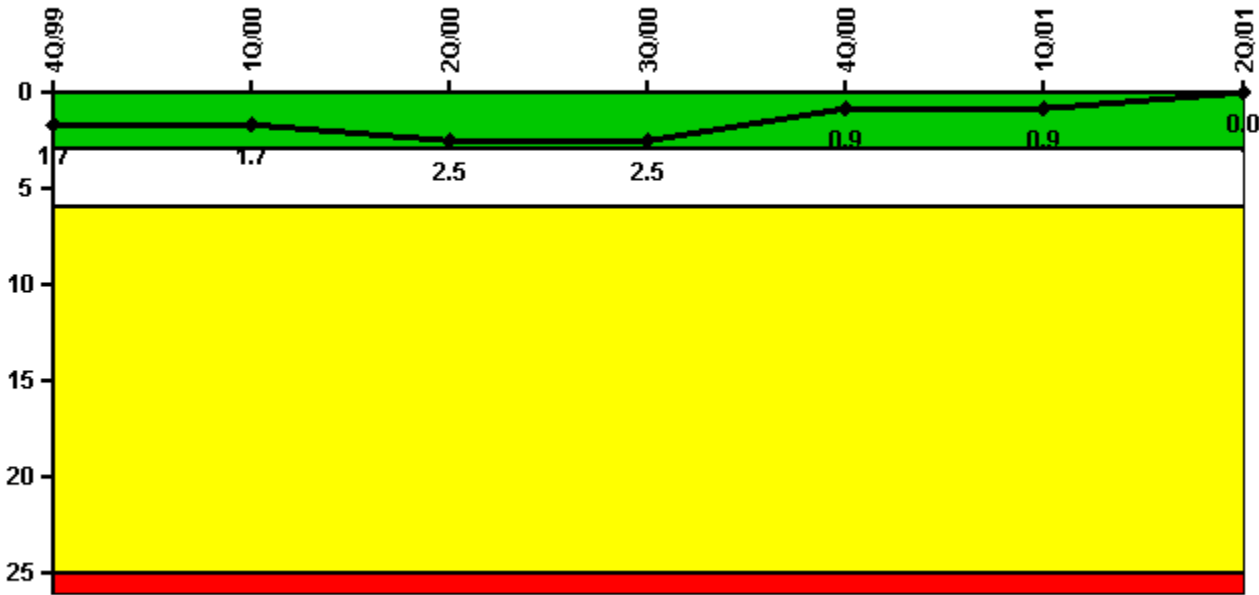


**FitzPatrick**

**2Q/2001 Performance Indicators**

Licensee's General Comments: none

**Unplanned Scrams per 7000 Critical Hrs**



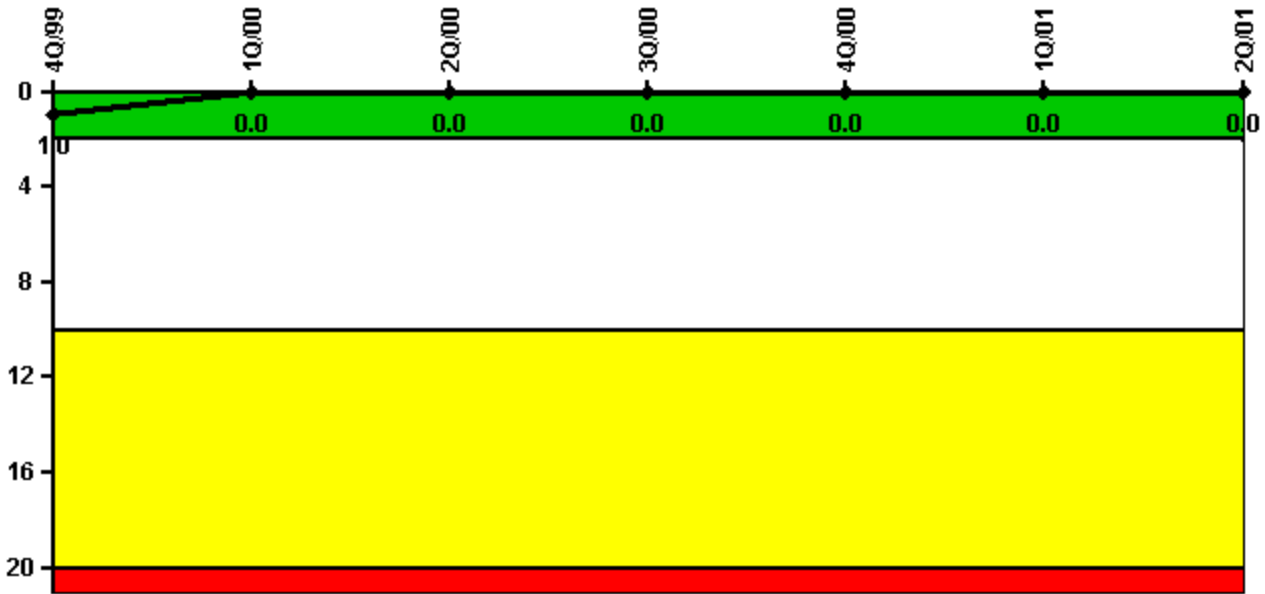
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

**Notes**

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned scrams	2.0	0	1.0	0	0	0	0
Critical hours	1878.8	2184.0	2090.5	2151.6	1342.3	2033.7	2183.0
<b>Indicator value</b>	<b>1.7</b>	<b>1.7</b>	<b>2.5</b>	<b>2.5</b>	<b>0.9</b>	<b>0.9</b>	<b>0</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



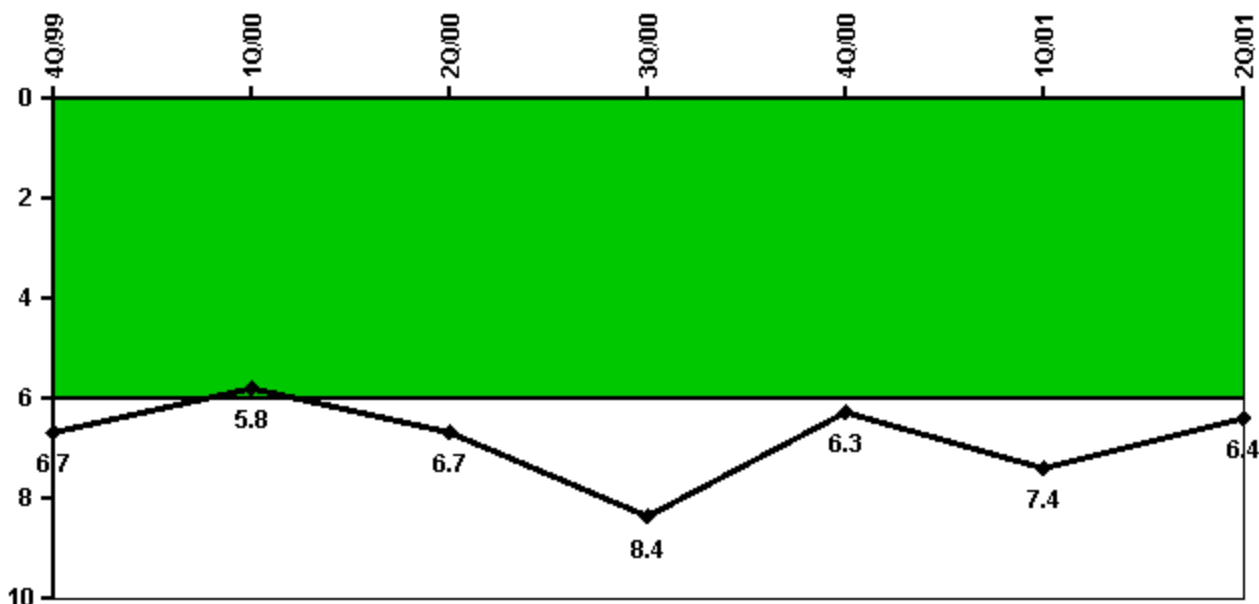
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Scrams	0	0	0	0	0	0	0
Indicator value	1.0	0	0	0	0	0	0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



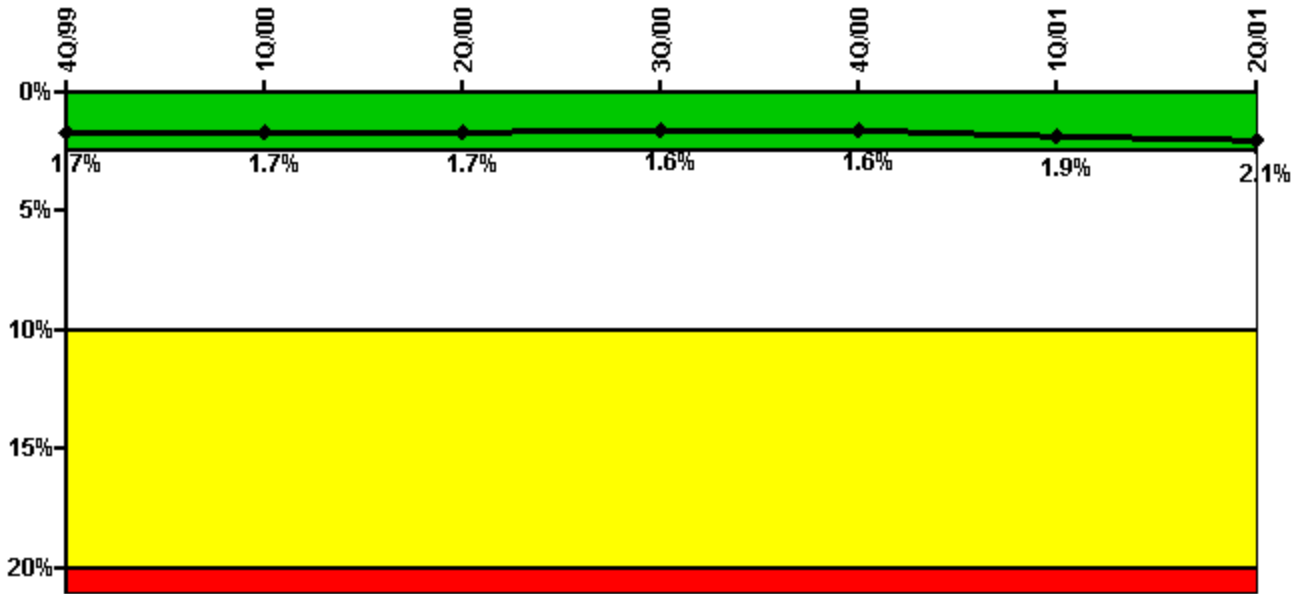
Thresholds: White > 6.0

#### 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	3.0	1.0	1.0	5.0	0	2.0	0
Critical hours	1878.8	2184.0	2090.5	2151.6	1342.3	2033.7	2183.0
<b>Indicator value</b>	<b>6.7</b>	<b>5.8</b>	<b>6.7</b>	<b>8.4</b>	<b>6.3</b>	<b>7.4</b>	<b>6.4</b>

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

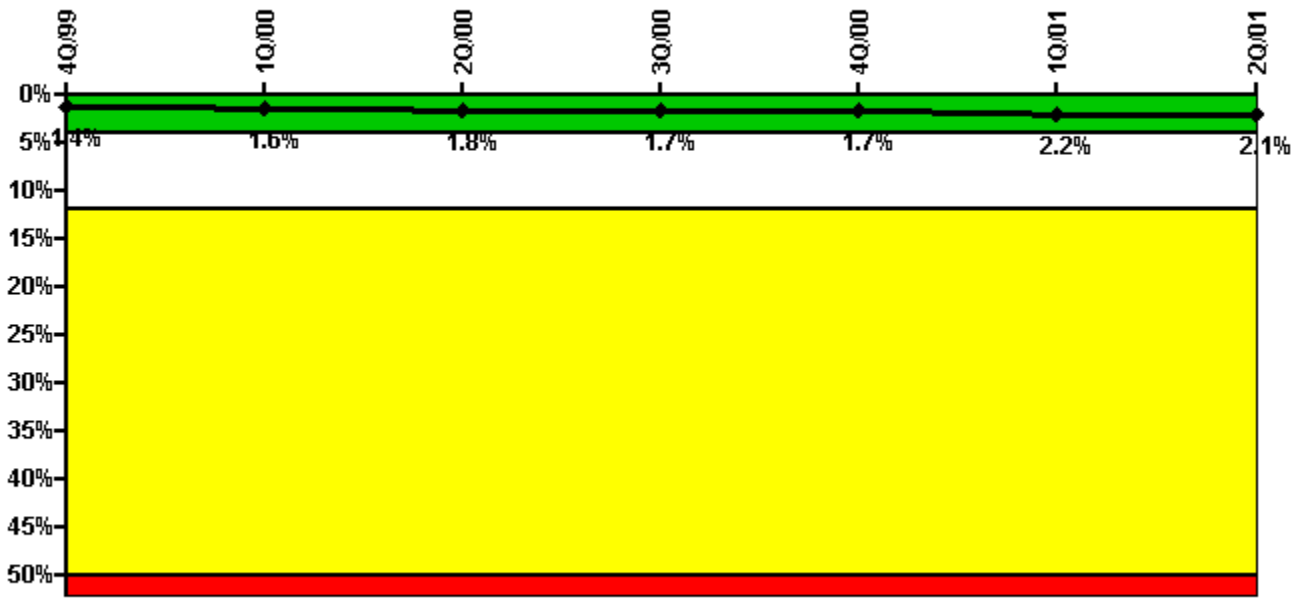
#### Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	9.70	30.86	16.51	13.62	11.79	17.62	102.32
Unplanned unavailable hours	0	0	0	0	0	295.65	0.51
Fault exposure hours	0	0	0	0	0	358.78	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	11.84	30.04	19.03	10.31	14.99	10.66	83.41
Unplanned unavailable hours	0.68	0.33	0	0	0	48.50	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 3</b>							
Planned unavailable hours	9.70	15.01	34.68	13.62	11.79	25.07	10.29
Unplanned unavailable hours	0	0	0	0	0	1.05	0.51
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 4</b>							
Planned unavailable hours	91.79	10.92	25.56	10.31	14.99	14.09	21.36
Unplanned unavailable hours	0.68	0.33	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>1.7%</b>	<b>1.7%</b>	<b>1.7%</b>	<b>1.6%</b>	<b>1.6%</b>	<b>1.9%</b>	<b>2.1%</b>

Licensee Comments:

2Q/01:

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



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

### Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	0	6.50	42.10	0	3.50	54.40	0.60
Unplanned unavailable hours	132.38	48.62	0	0	15.95	52.76	0.25
Fault exposure hours	0	0	0	0	69.60	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1878.78	2184.00	2090.53	2151.52	1322.58	2062.13	2183.00
<b>Indicator value</b>	<b>1.4%</b>	<b>1.6%</b>	<b>1.8%</b>	<b>1.7%</b>	<b>1.7%</b>	<b>2.2%</b>	<b>2.1%</b>

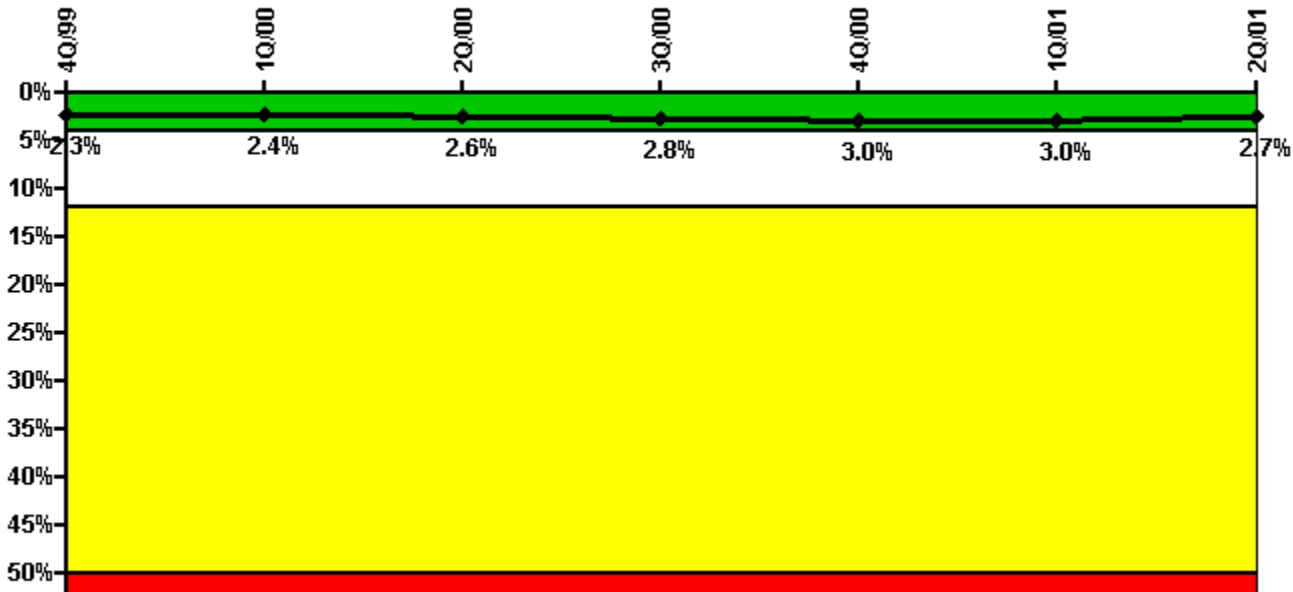
### Licensee Comments:

2Q/01: Revised previously submitted HPCI System unavailability hours for 1st Qtr/2001, 4th Qtr/2000, 3rd Qtr/2000, 2nd Qtr/2000, 1st Qtr/2000, 4th Qtr/1999, 3rd Qtr/1999, 2nd Qtr/1999 and 1st Qtr/1999 to correct indicator data reporting errors discovered during assessment of previous reported HPCI data. The changes do not affect the color of the indicator, the PI remains in the GREEN band.

1Q/00: Fault exposure hours removed from 4th Qtr 1999 due to failure identified as an ancient design error. This change affects PI color.

4Q/99: Planned unavailability due to surveillance testing. Unplanned unavailability due to higher than expected speed condition during 10/27 surveillance testing. Fault exposure unavailability due to potential system unavailability due to HPCI overspeed condition during 10/14 SCRAM. Engineering evaluation of HPCI ongoing. Results may reduce total Fault Exposure unavailability hours.

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



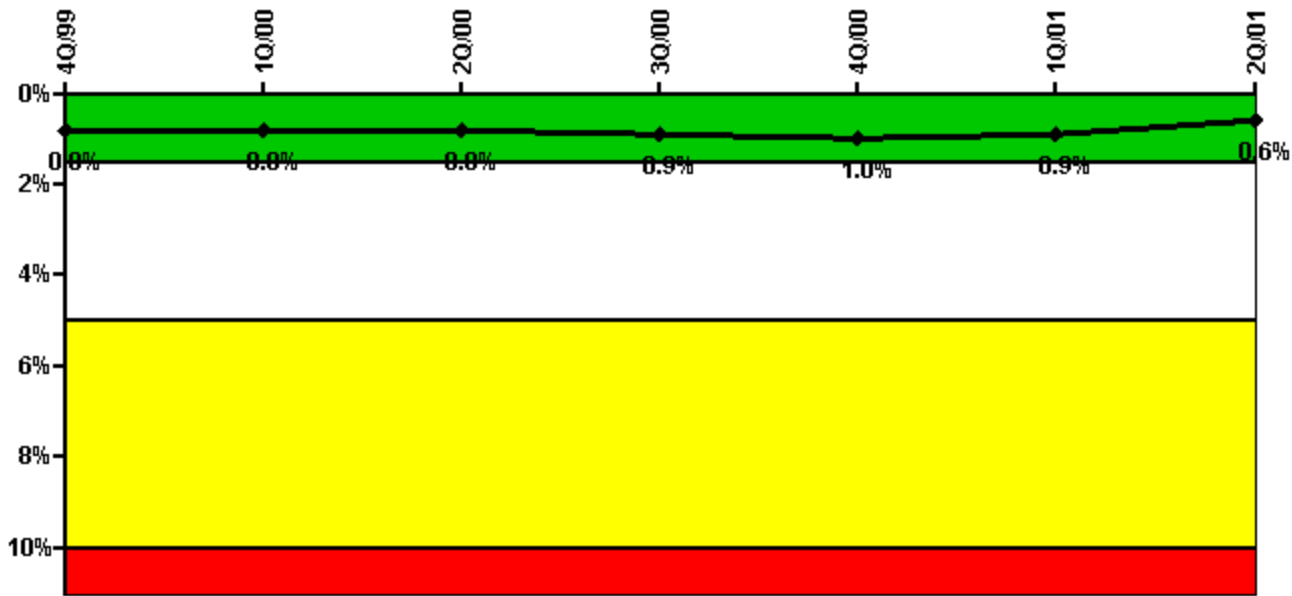
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	6.53	34.73	29.25	20.42	15.99	7.86	6.58
Unplanned unavailable hours	0	0	47.60	32.20	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	1878.78	2184.00	2090.53	2151.60	1322.58	2062.13	2183.00
<b>Indicator value</b>	<b>2.3%</b>	<b>2.4%</b>	<b>2.6%</b>	<b>2.8%</b>	<b>3.0%</b>	<b>3.0%</b>	<b>2.7%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



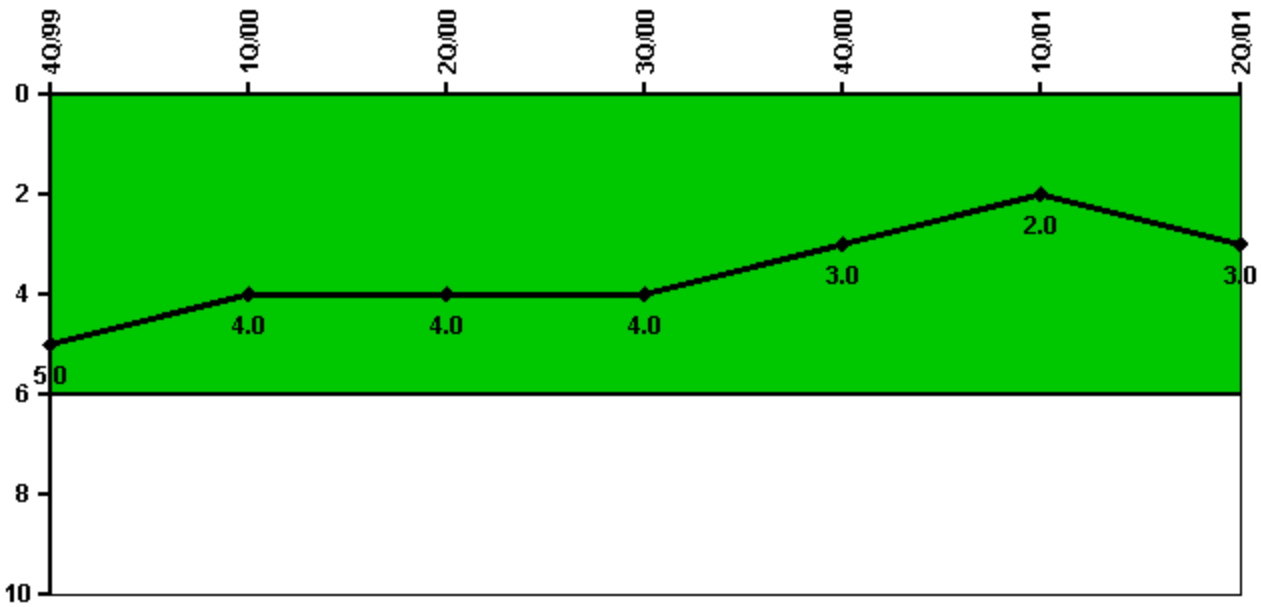
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### 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	0	8.87	2.80	97.20	0	0	2.40
Unplanned unavailable hours	10.88	0	23.20	0	3.20	37.50	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	1469.00	2160.00	2183.00
<b>Train 2</b>							
Planned unavailable hours	23.10	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	19.70	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	1469.00	2160.00	2183.00
<b>Indicator value</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.9%</b>	<b>1.0%</b>	<b>0.9%</b>	<b>0.6%</b>

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

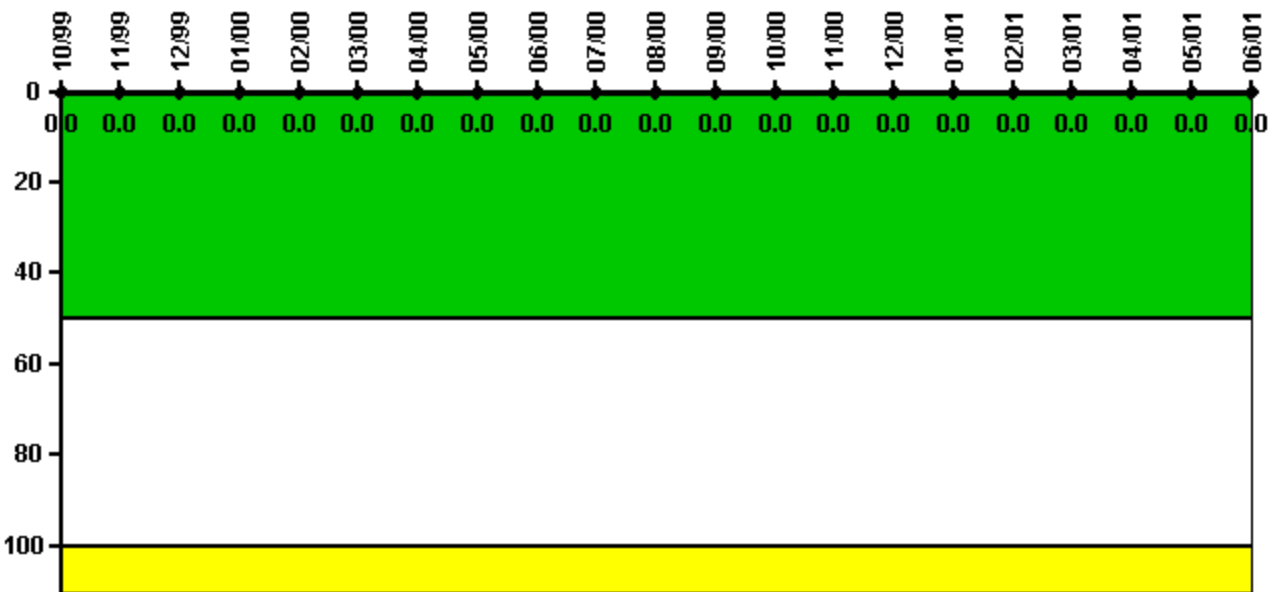
#### Notes

Safety System Functional Failures (BWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Safety System Functional Failures	3	1	0	0	2	0	1
Indicator value	5	4	4	4	3	2	3

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

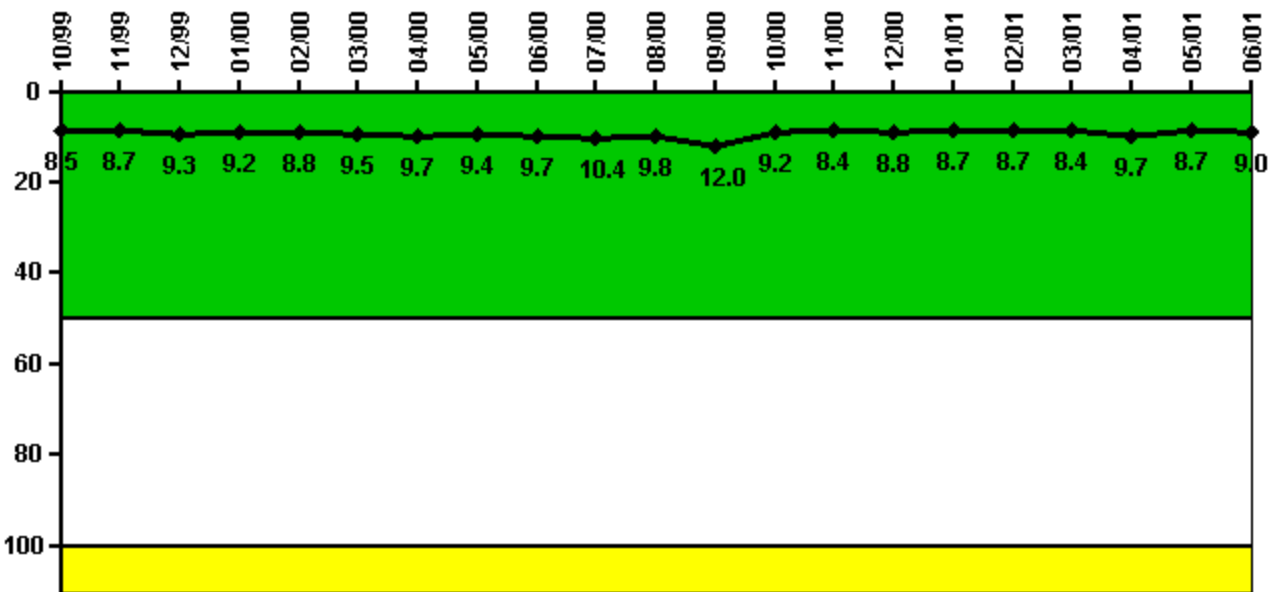
Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000064	0.000081	0.000043	0.000060	0.000024	0.000018	0.000024	0.000018	0.000012	0.000012	0.000019	0.000050
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000050	0.000007	0.000012	0.000009	0.000008	0.000012	0.000023	0.000011	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

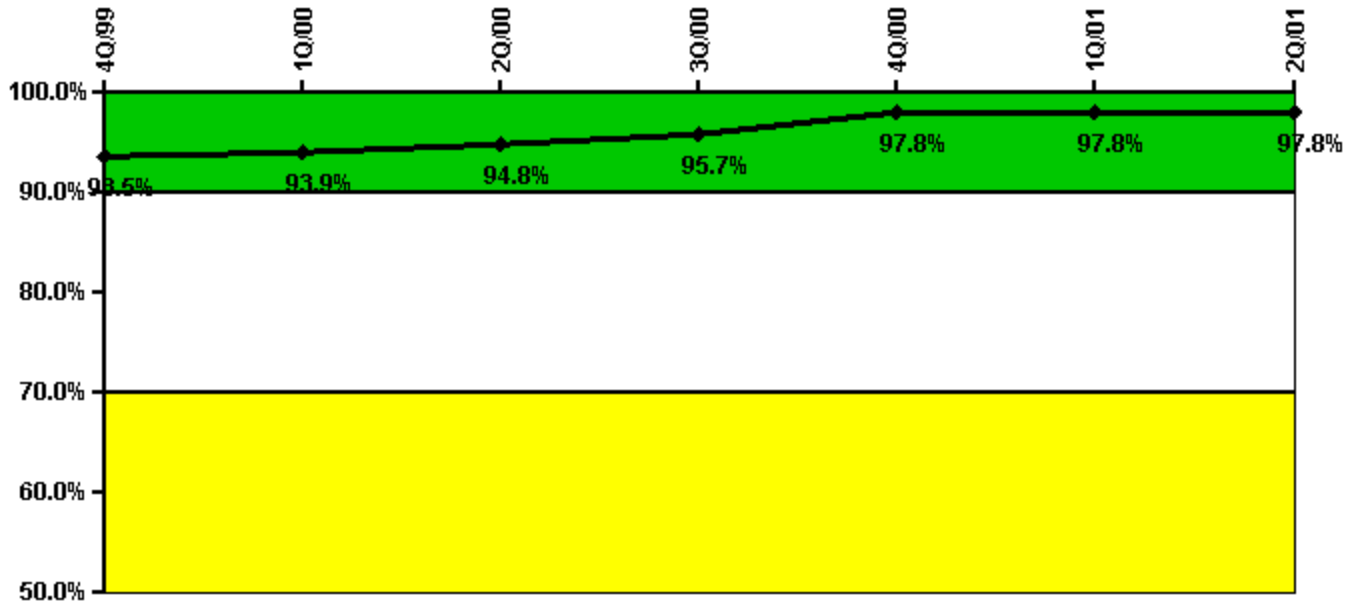
**Notes**

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	2.130	2.170	2.330	2.290	2.210	2.380	2.420	2.340	2.420	2.590	2.460	3.010
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.5	8.7	9.3	9.2	8.8	9.5	9.7	9.4	9.7	10.4	9.8	12.0

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	2.290	2.090	2.210	2.170	2.170	2.090	2.420	2.170	2.250
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.2	8.4	8.8	8.7	8.7	8.4	9.7	8.7	9.0

Licensee Comments: none

### Drill/Exercise Performance



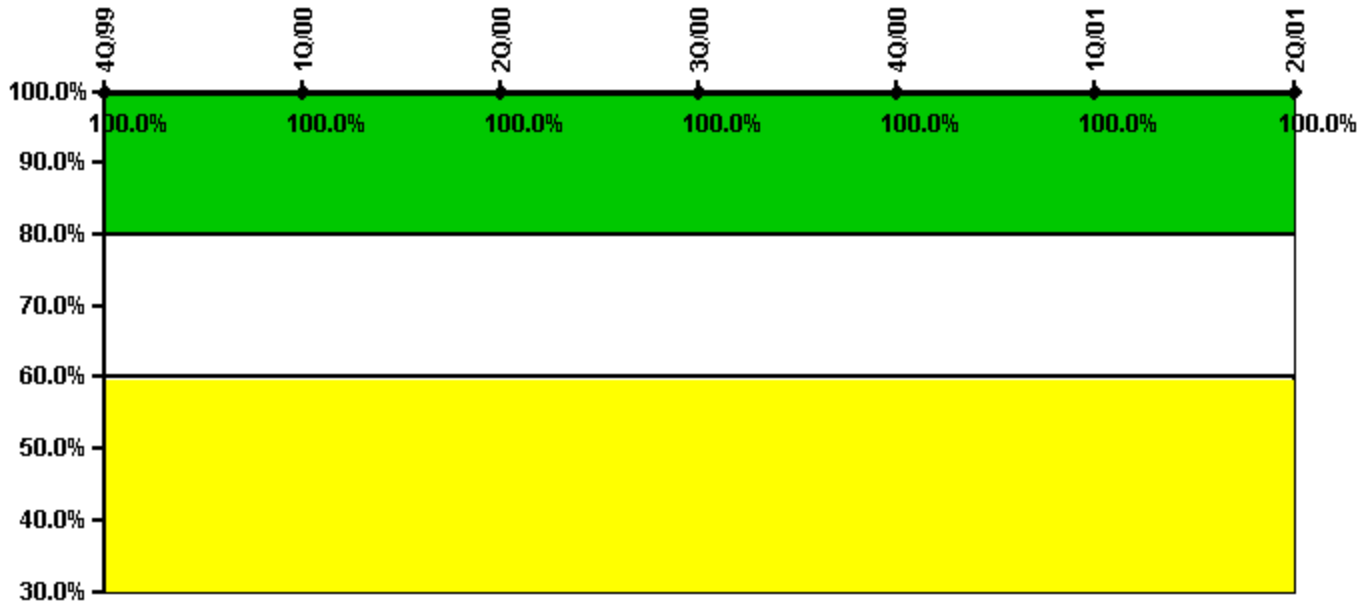
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	21.0	10.0	6.0	6.0	8.0	10.0	2.0
Total opportunities	22.0	10.0	6.0	6.0	8.0	10.0	2.0
Indicator value	93.5%	93.9%	94.8%	95.7%	97.8%	97.8%	97.8%

Licensee Comments: none

### ERO Drill Participation



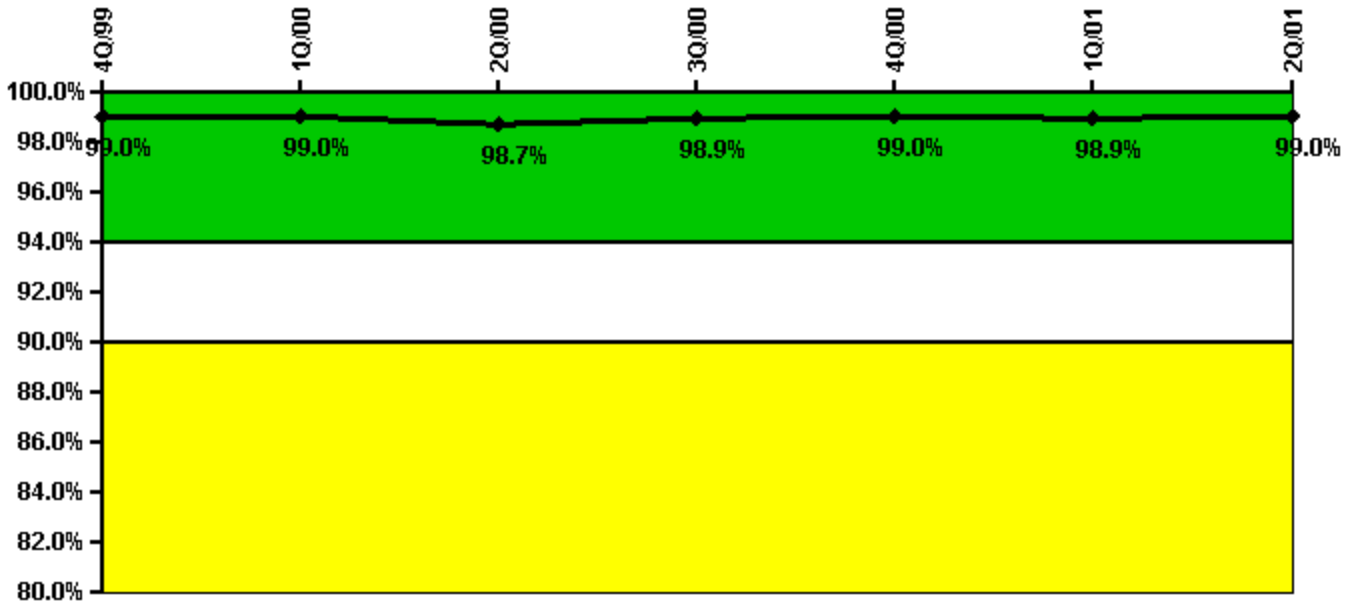
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	51.0	54.0	53.0	51.0	49.0	49.0	49.0
Total Key personnel	51.0	54.0	53.0	51.0	49.0	49.0	49.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

### Alert & Notification System



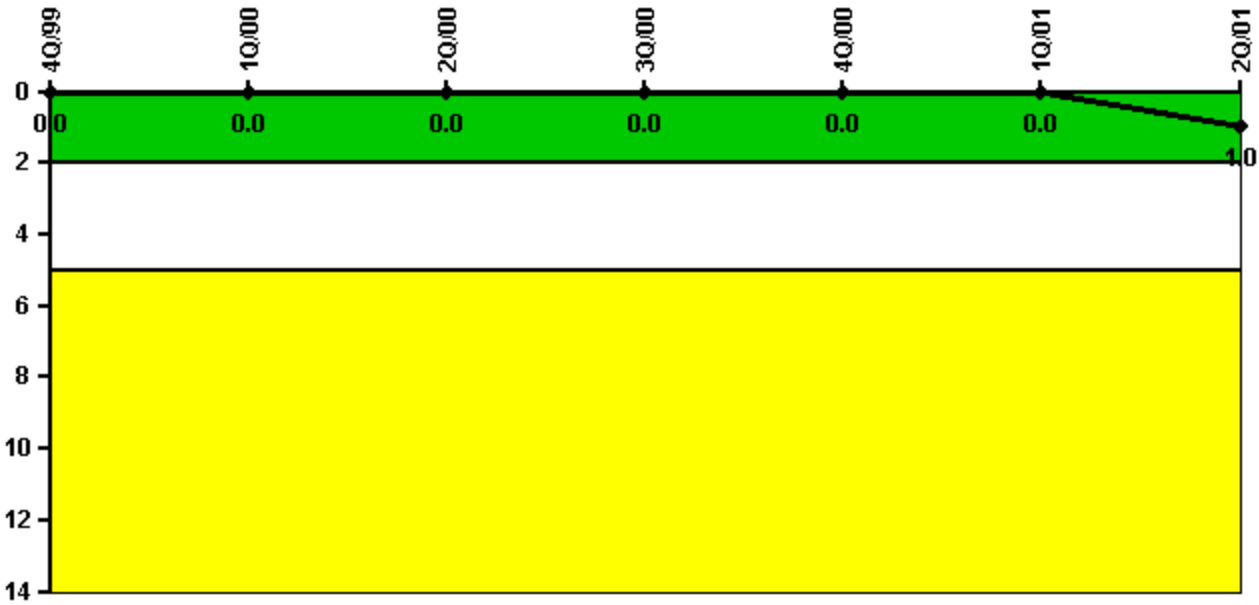
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	732	733	731	622	771	621	660
Total sirens-tests	740	740	740	629	777	629	666
Indicator value	99.0%	99.0%	98.7%	98.9%	99.0%	98.9%	99.0%

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	1
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>1</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



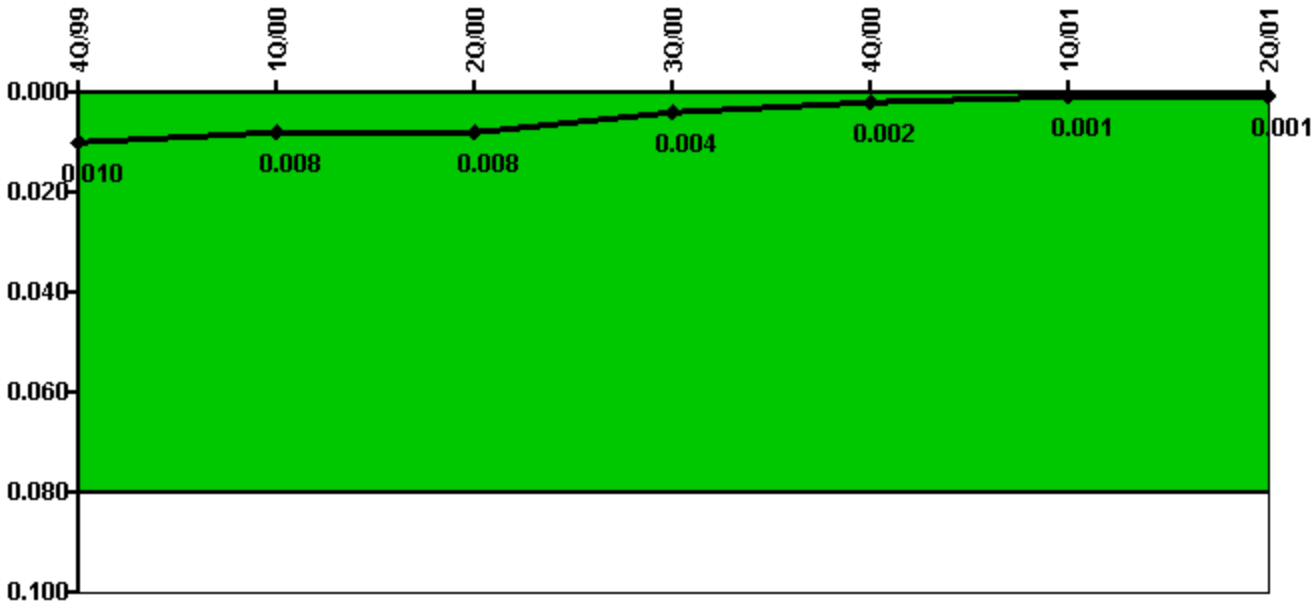
Thresholds: White > 1.0 Yellow > 3.0

#### 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

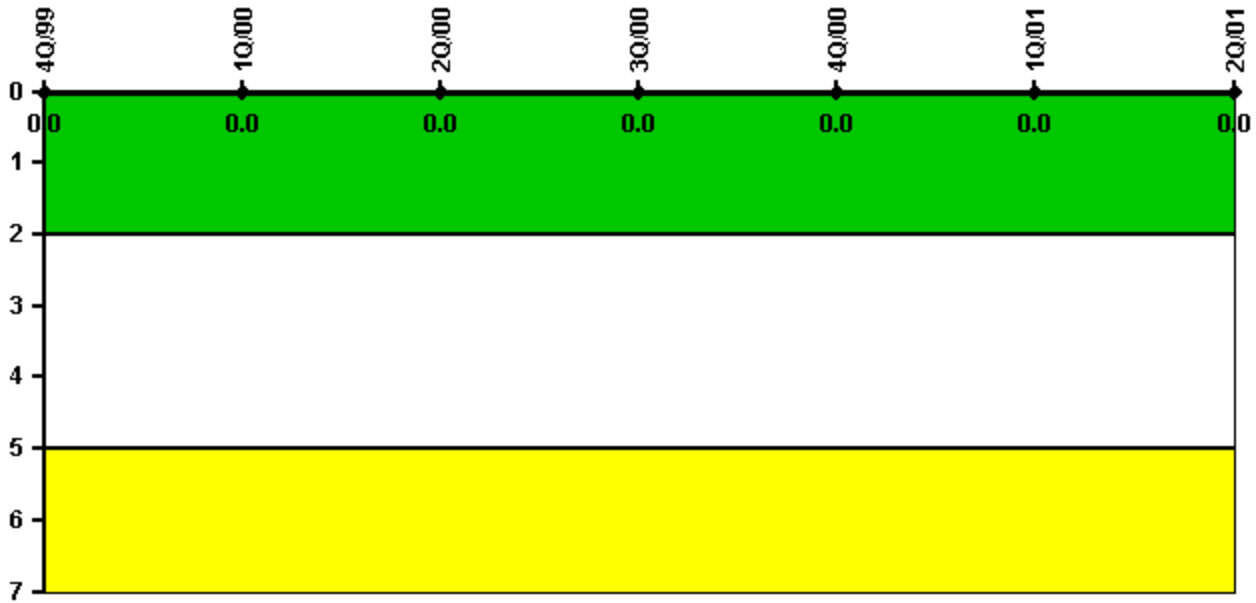
#### Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	37.80	51.10	0	3.93	3.70	28.70	0
CCTV compensatory hours	0	0	0	1.0	0	0	0
IDS normalization factor	1.50	1.50	1.50	1.50	1.50	1.50	1.50
CCTV normalization factor	1.7	1.7	1.7	1.7	1.7	1.7	1.7
<b>Index Value</b>	<b>0.010</b>	<b>0.008</b>	<b>0.008</b>	<b>0.004</b>	<b>0.002</b>	<b>0.001</b>	<b>0.001</b>

Licensee Comments: none



### Personnel Screening Program



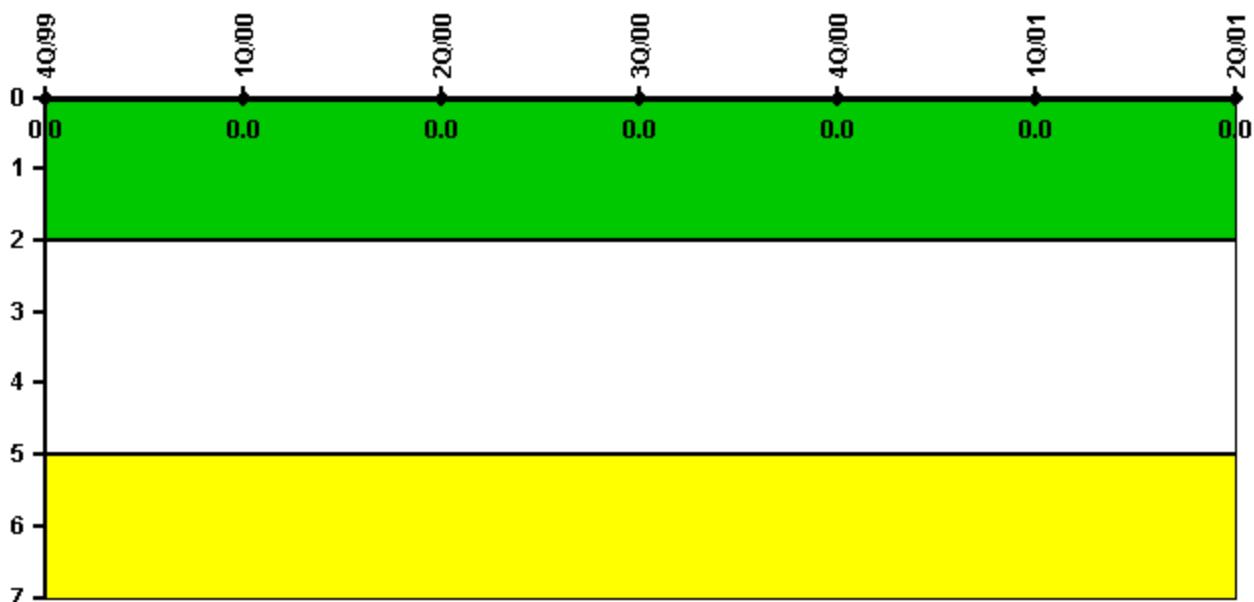
Thresholds: White > 2.0 Yellow > 5.0

#### 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