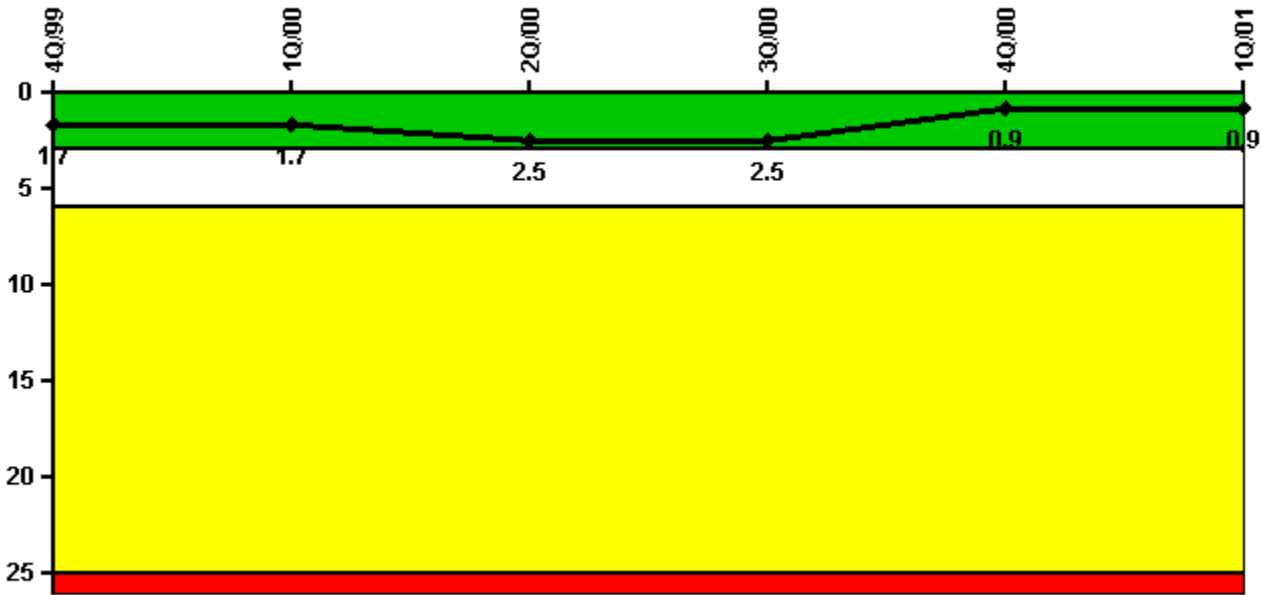


### FitzPatrick

#### 1Q/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
Unplanned scrams	2.0	0	1.0	0	0	0
Critical hours	1878.8	2184.0	2090.5	2151.6	1342.3	2033.7
<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>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



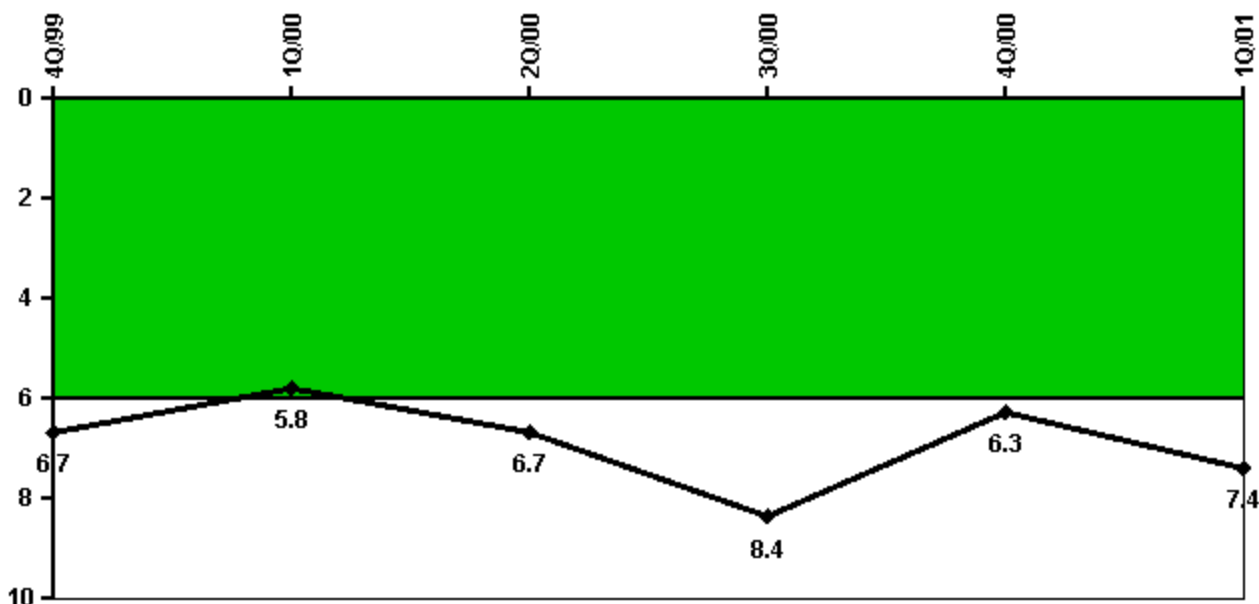
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

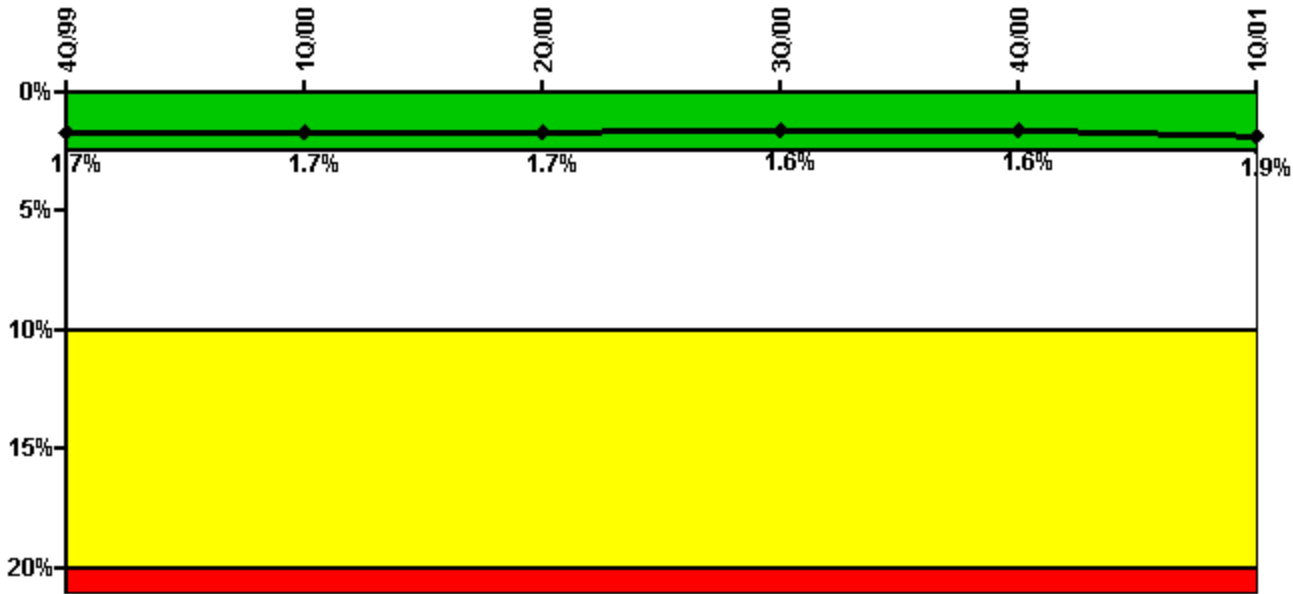
#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	3.0	1.0	1.0	5.0	0	2.0
Critical hours	1878.8	2184.0	2090.5	2151.6	1342.3	2033.7
Indicator value	6.7	5.8	6.7	8.4	6.3	7.4

Licensee Comments:

1Q/01: One of the First Quarter 2001 events includes a January power reduction for condenser cleaning as a result of Zebra mussel intrusion. A FAQ has been submitted to NEI regarding this power reduction and it's applicability to the PI. This event will be removed next quarter if the resolution of the FAQ indicates that it should not be included in the indicator.

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



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

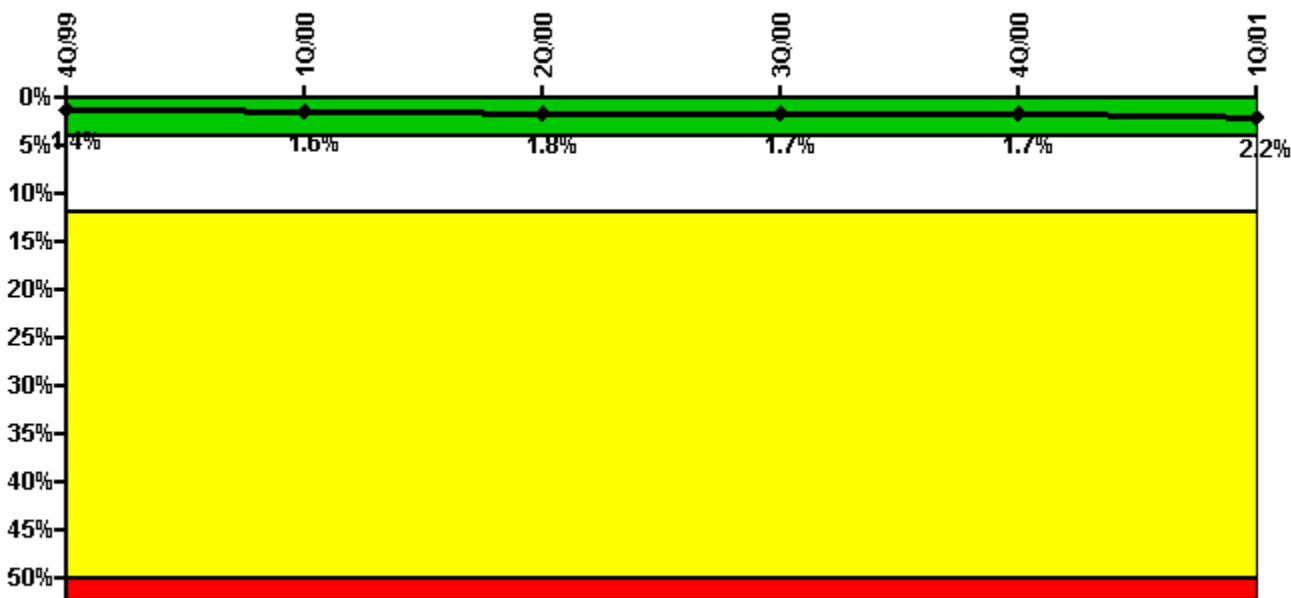
Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
<b>Train 1</b>						
Planned unavailable hours	9.70	30.86	16.51	13.62	11.79	17.62
Unplanned unavailable hours	0	0	0	0	0	295.65
Fault exposure hours	0	0	0	0	0	358.78
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
<b>Train 2</b>						
Planned unavailable hours	11.84	30.04	19.03	10.31	14.99	10.66
Unplanned unavailable hours	0.68	0.33	0	0	0	48.50
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
<b>Train 3</b>						
Planned unavailable hours	9.70	15.01	34.68	13.62	11.79	25.07
Unplanned unavailable hours	0	0	0	0	0	1.05
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
<b>Train 4</b>						
Planned unavailable hours	91.79	10.92	25.56	10.31	14.99	14.09
Unplanned unavailable hours	0.68	0.33	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
<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>

Licensee Comments:

1Q/01: Planned unavailability hours for trains A, B, C & D were revised for the 2nd, 3rd and 4th Qtrs 2000 to include diesel engine barring times not previous included. The changes do not affect the color of the indicator, the PI remains in the green band.

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



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

#### Notes

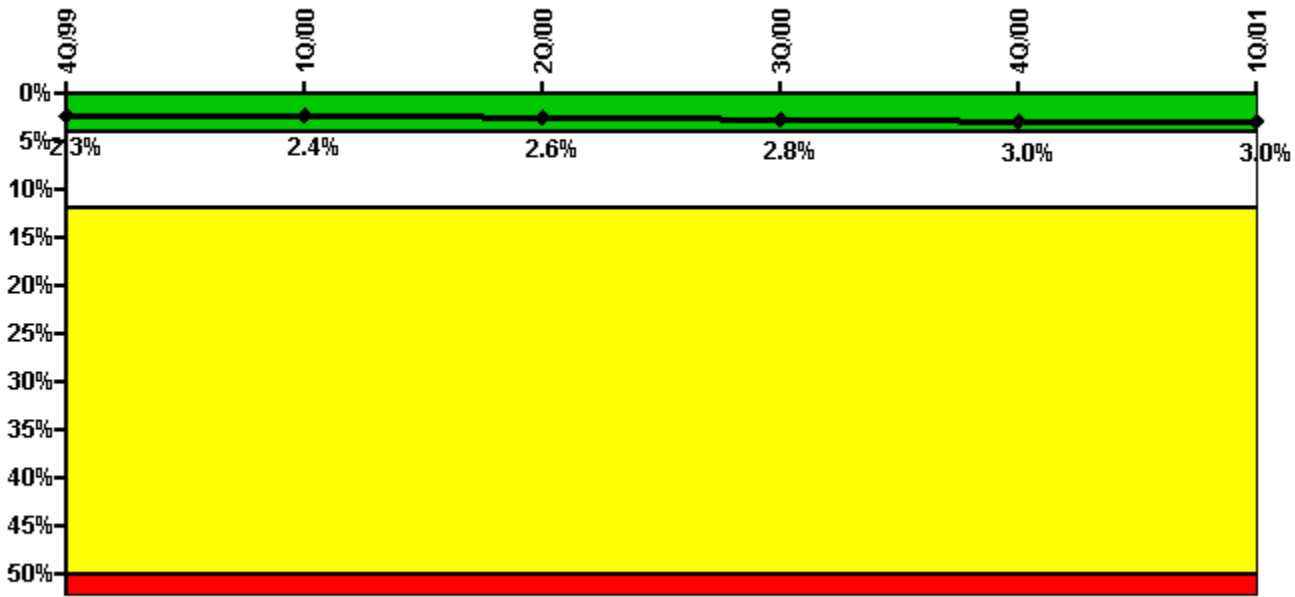
Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
<b>Train 1</b>						
Planned unavailable hours	0	6.50	42.10	0	3.50	54.40
Unplanned unavailable hours	132.38	48.62	0	0	15.95	52.76
Fault exposure hours	0	0	0	0	69.60	0
Effective Reset hours	0	0	0	0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

#### Licensee Comments:

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
<b>Train 1</b>						
Planned unavailable hours	6.53	34.73	29.25	20.42	15.99	7.86
Unplanned unavailable hours	0	0	47.60	32.20	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1878.78	2184.00	2090.53	2151.60	1322.58	2062.13
<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>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



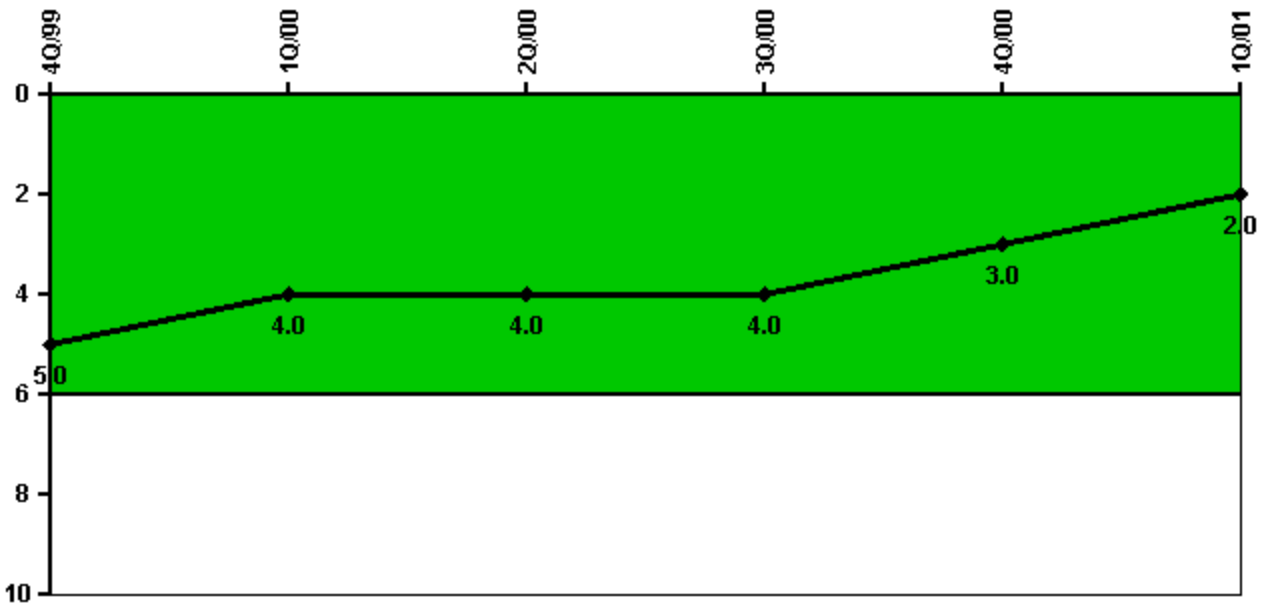
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
<b>Train 1</b>						
Planned unavailable hours	0	8.87	2.80	97.20	0	0
Unplanned unavailable hours	10.88	0	23.20	0	3.20	37.50
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1469.00	2160.00
<b>Train 2</b>						
Planned unavailable hours	23.10	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	19.70
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1469.00	2160.00
<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>

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

#### Notes

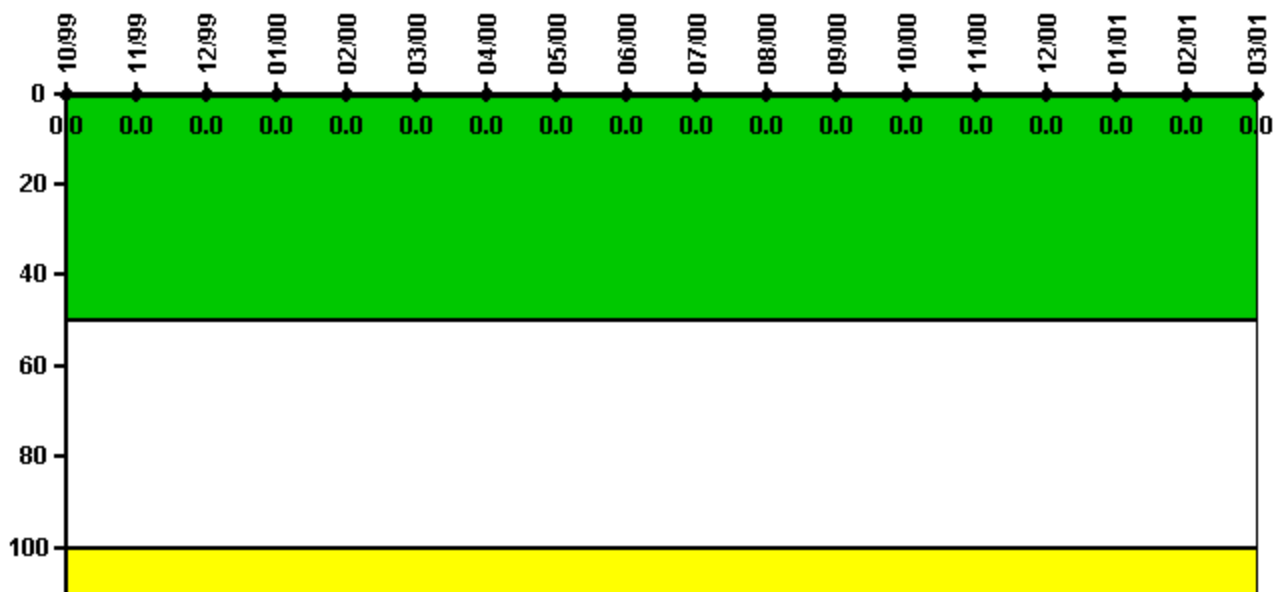
Safety System Functional Failures (BWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Safety System Functional Failures	3	1	0	0	2	0
Indicator value	5	4	4	4	3	2

Licensee Comments:

1Q/01: Fourth Quarter 2000 data has been revised to include LER 00-015 dated November 17, 2000 which was incorrectly initially classified as not resulting in a Safety System Functional Failure. This revision does not affect the color of this indicator.



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

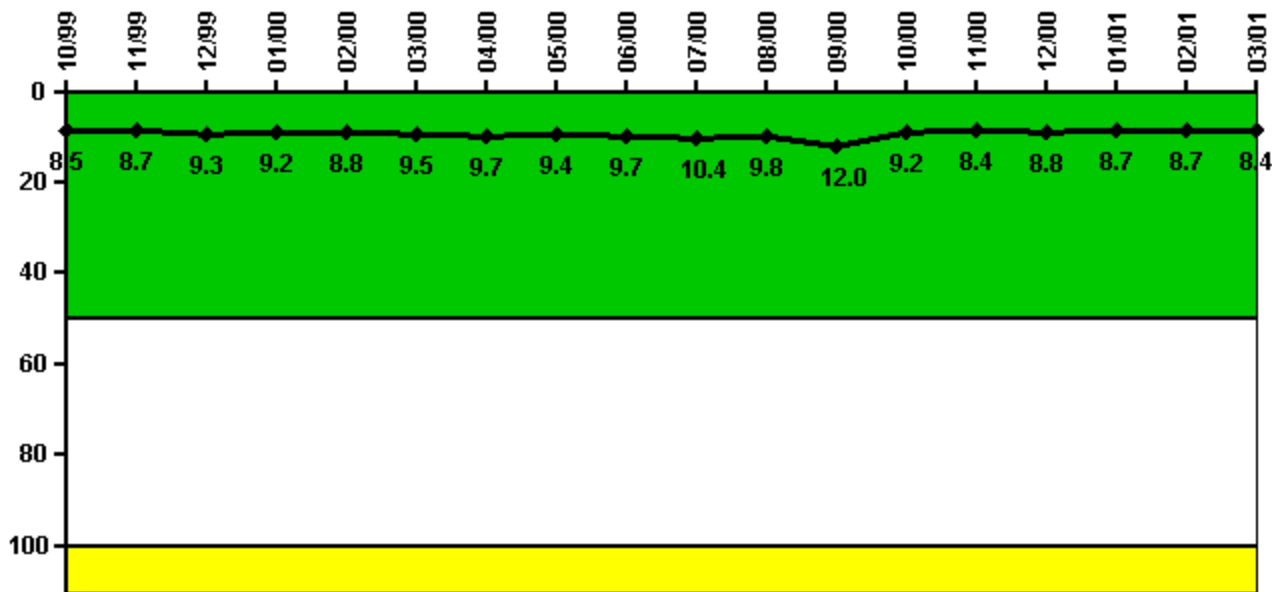
#### Notes

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
Maximum activity	0.000050	0.000007	0.000012	0.000009	0.000008	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

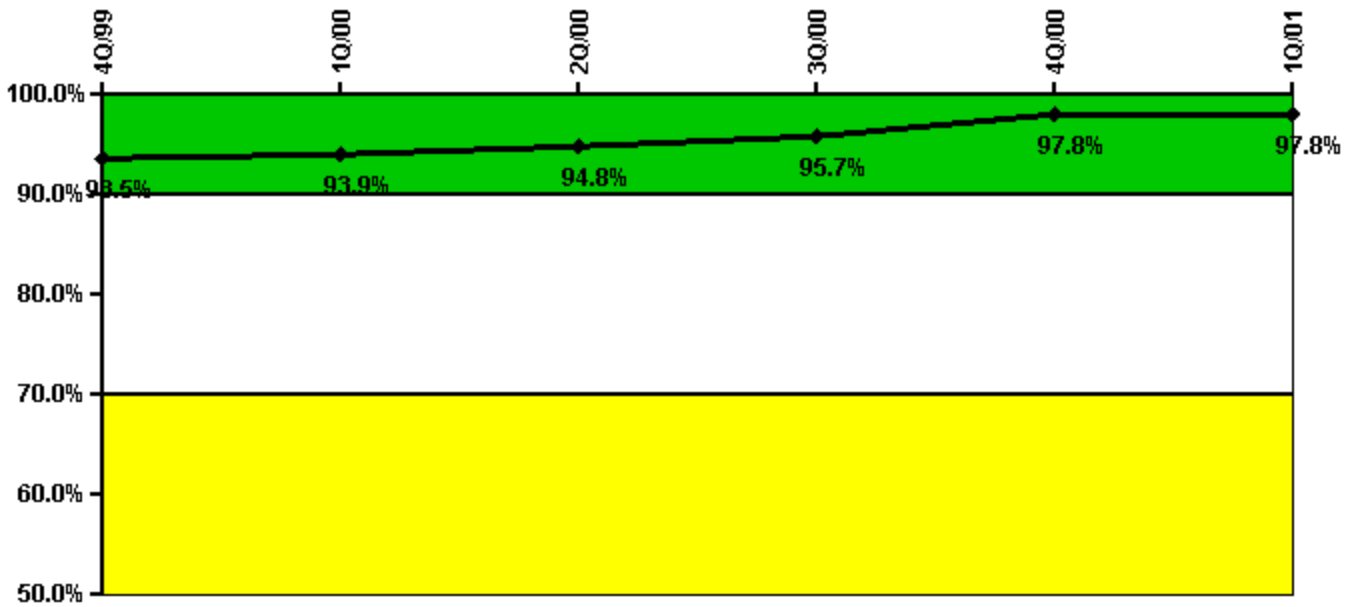
**Notes**

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
Maximum leakage	2.290	2.090	2.210	2.170	2.170	2.090
Technical specification limit	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

Licensee Comments: none

### Drill/Exercise Performance



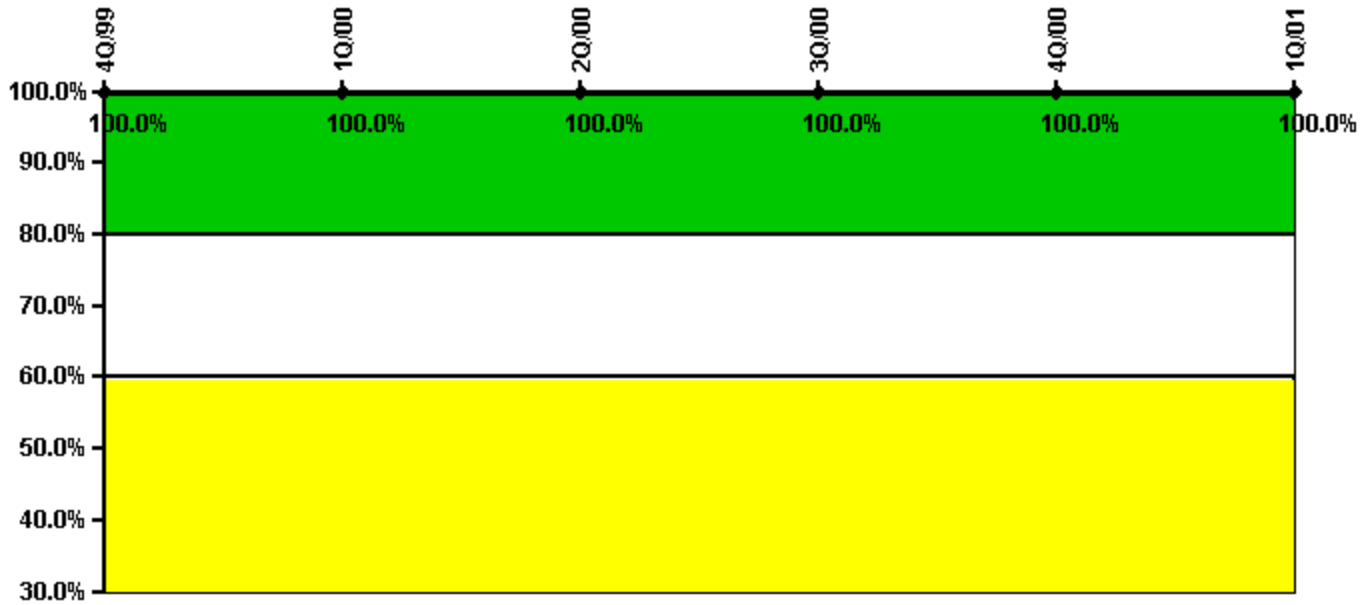
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

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

Licensee Comments: none

### ERO Drill Participation



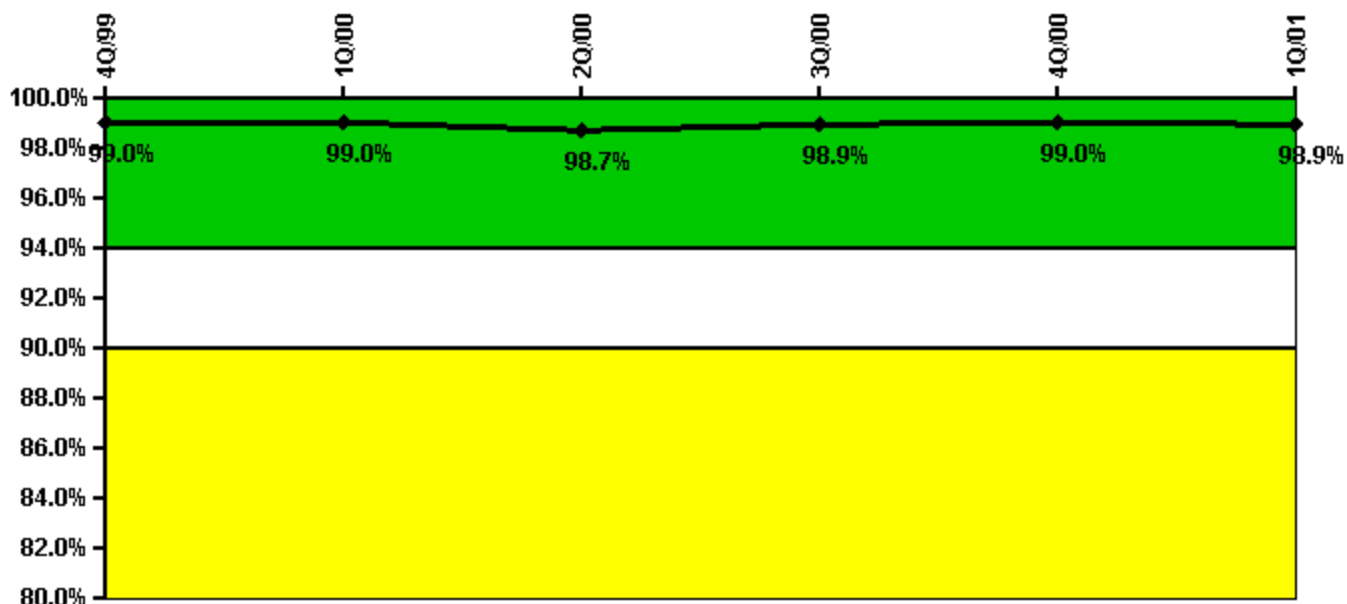
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

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

Licensee Comments: none

### Alert & Notification System



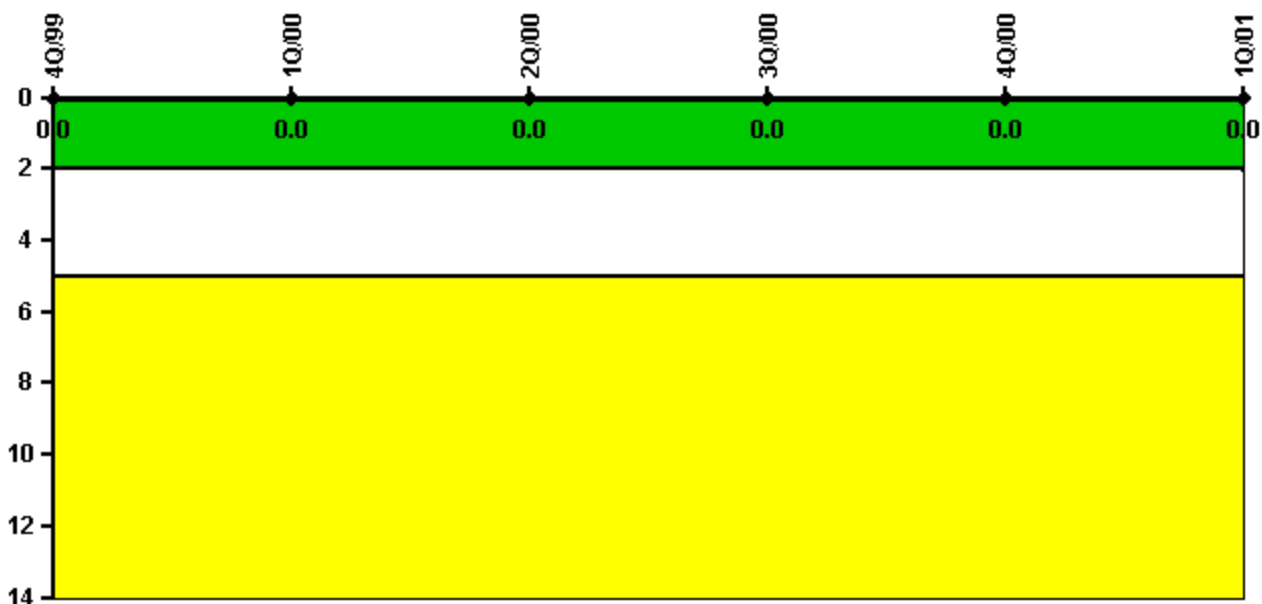
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

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

Licensee Comments: none

### Occupational Exposure Control Effectiveness



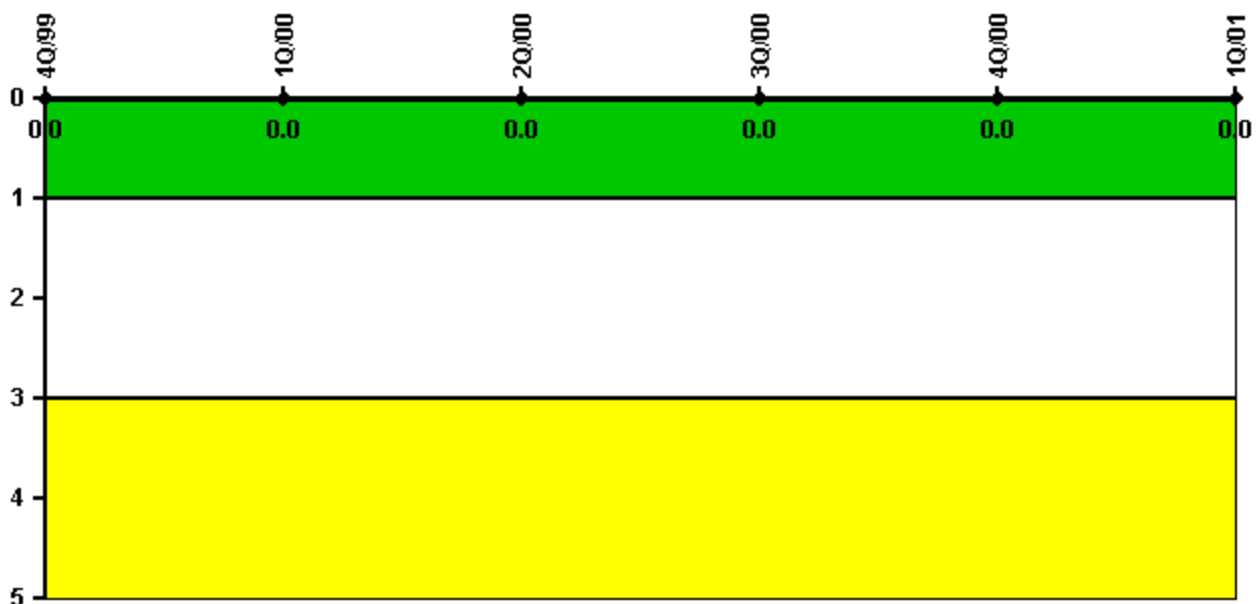
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
High radiation area occurrences	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0
Unintended exposure occurrences	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>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



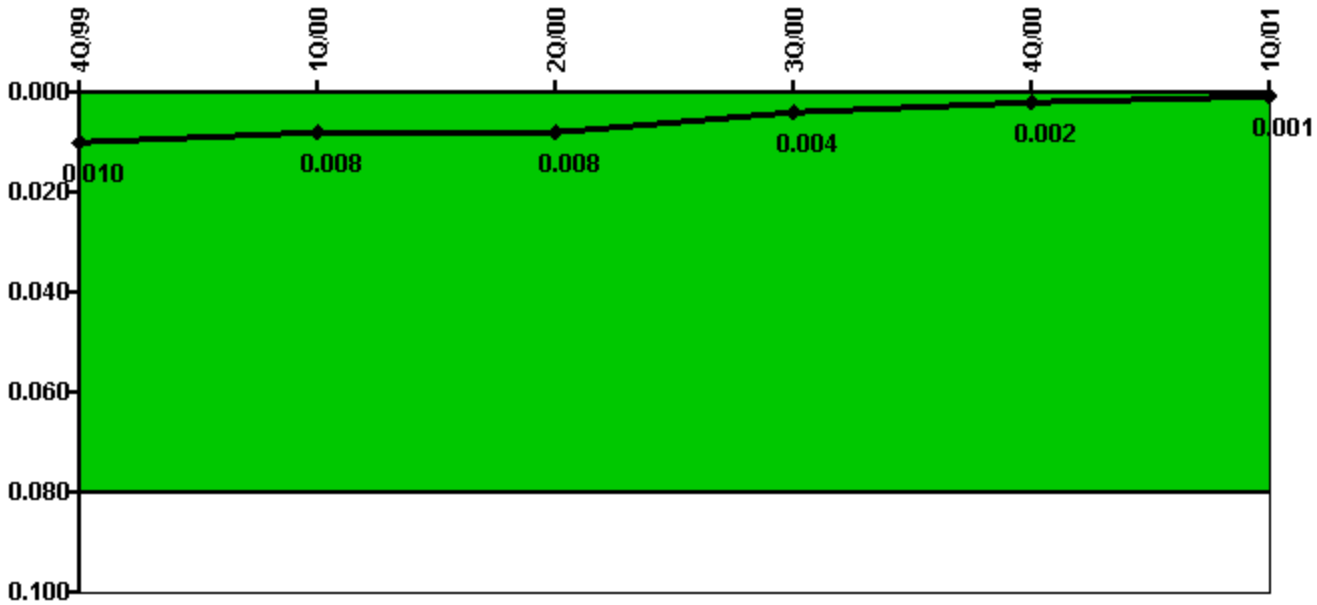
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
RETS/ODCM occurrences	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

### Protected Area Security Performance Index



Thresholds: White > 0.080

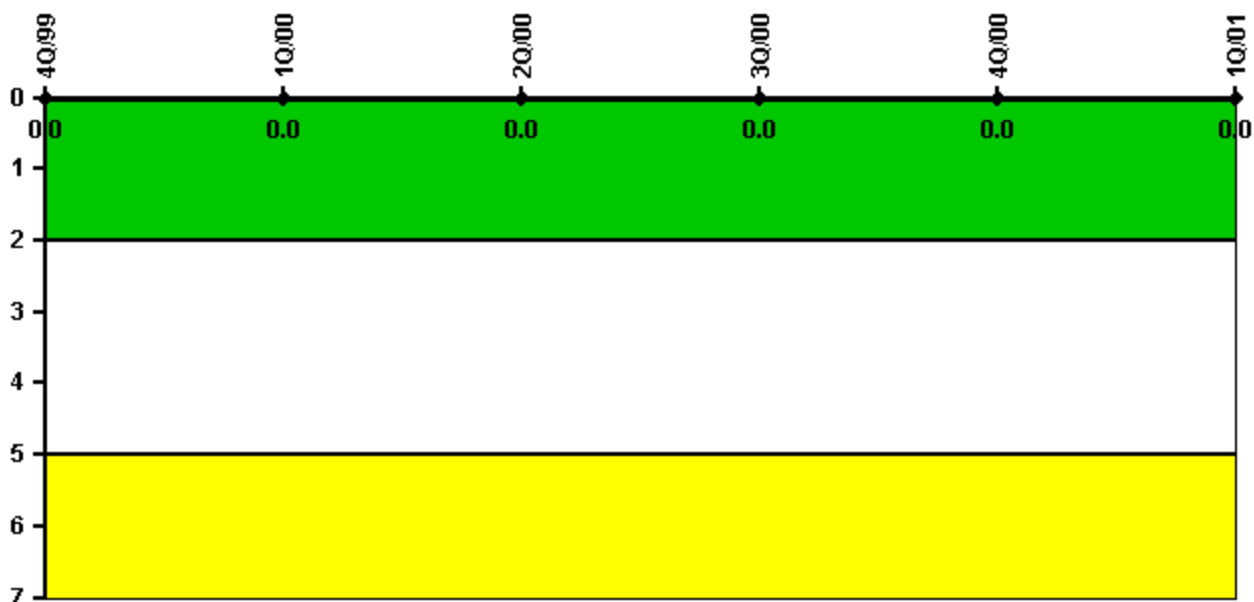
#### Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
IDS compensatory hours	37.80	51.10	0	3.93	3.70	28.70
CCTV compensatory hours	0	0	0	1.0	0	0
IDS normalization factor	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
<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>

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
Program failures	0	0	0	0	0	0
Indicator value	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
Program Failures	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

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

Last Modified: March 28, 2002