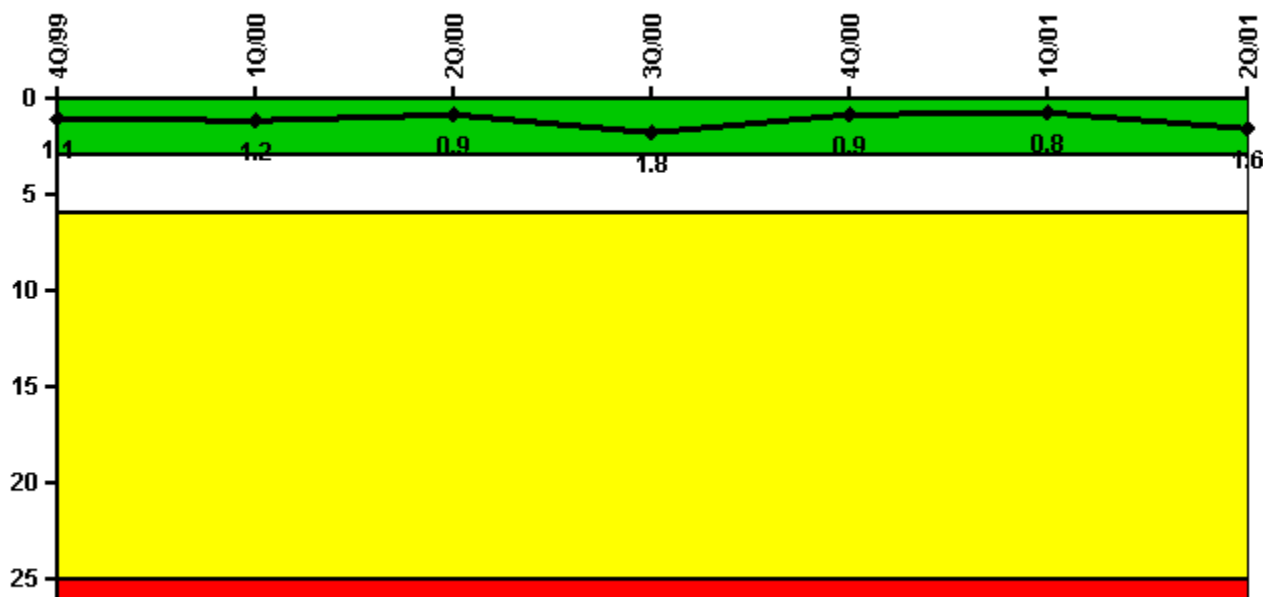


### River Bend 1

#### 2Q/2001 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



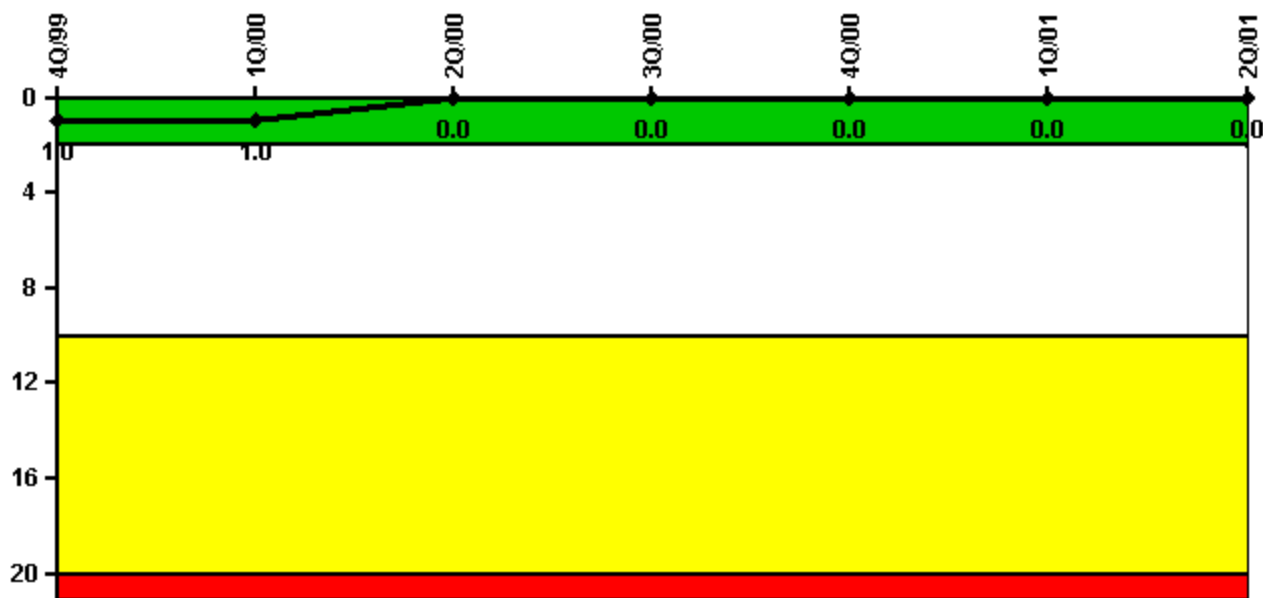
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned scrams	1.0	0	0	1.0	0	0	1.0
Critical hours	2145.8	1512.4	2044.4	2110.4	2209.0	2160.0	2088.2
<b>Indicator value</b>	<b>1.1</b>	<b>1.2</b>	<b>0.9</b>	<b>1.8</b>	<b>0.9</b>	<b>0.8</b>	<b>1.6</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



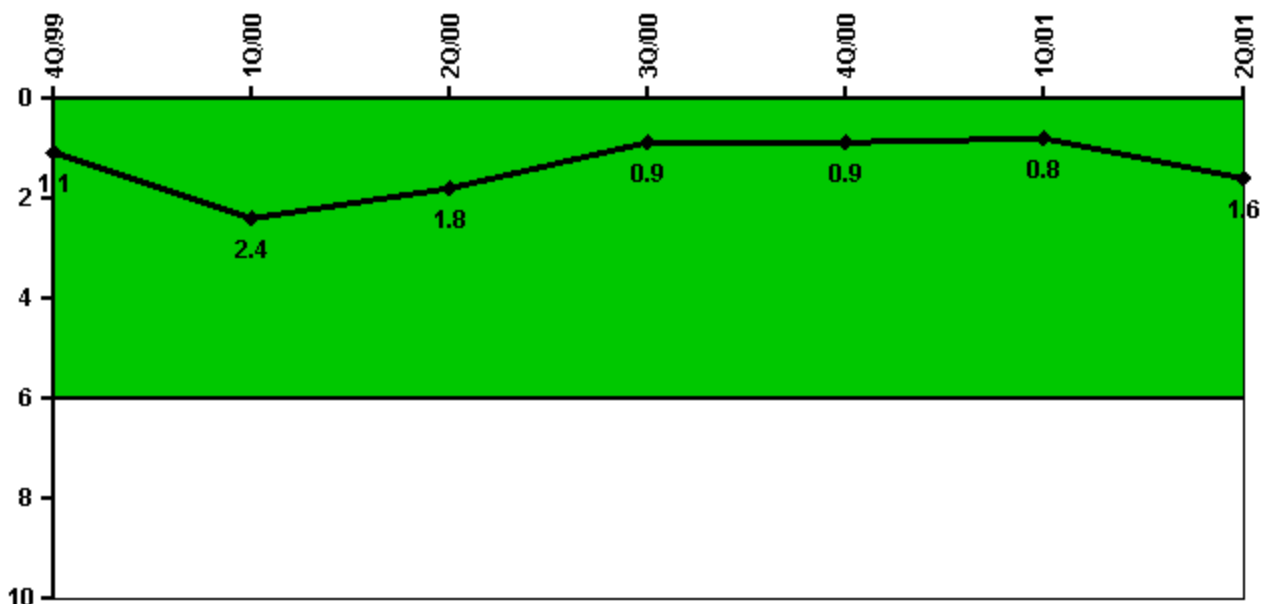
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### 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	1.0	0	0	0	0	0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



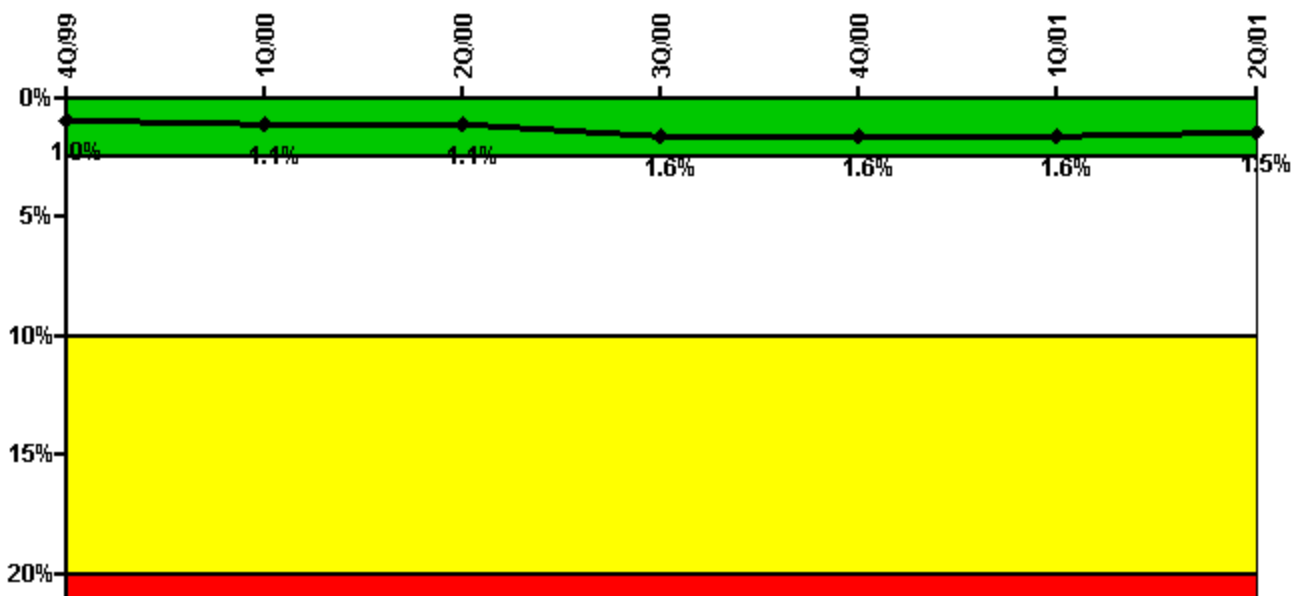
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	0	1.0	0	0	0	1.0	1.0
Critical hours	2145.8	1512.4	2044.4	2110.4	2209.0	2160.0	2088.2
<b>Indicator value</b>	<b>1.1</b>	<b>2.4</b>	<b>1.8</b>	<b>0.9</b>	<b>0.9</b>	<b>0.8</b>	<b>1.6</b>

Licensee Comments: none

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



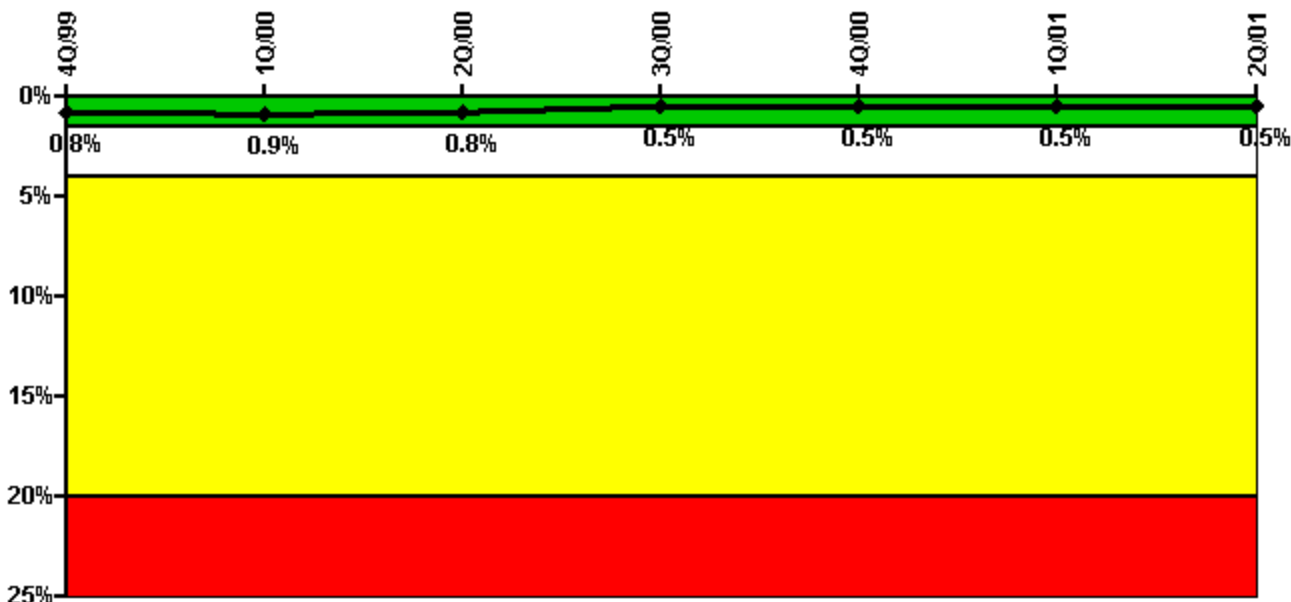
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

#### 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	28.70	26.40	43.30	23.10	24.00	11.20	4.30
Unplanned unavailable hours	5.80	0	1.00	7.60	3.30	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	37.10	25.20	23.80	4.50	12.30	13.30	8.70
Unplanned unavailable hours	3.00	0	0	9.70	0	12.90	0
Fault exposure hours	0	0	0	419.50	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	10.60	15.00	10.40	19.40	1.30	7.50	0.70
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>1.0%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.6%</b>	<b>1.6%</b>	<b>1.6%</b>	<b>1.5%</b>

Licensee Comments: none

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



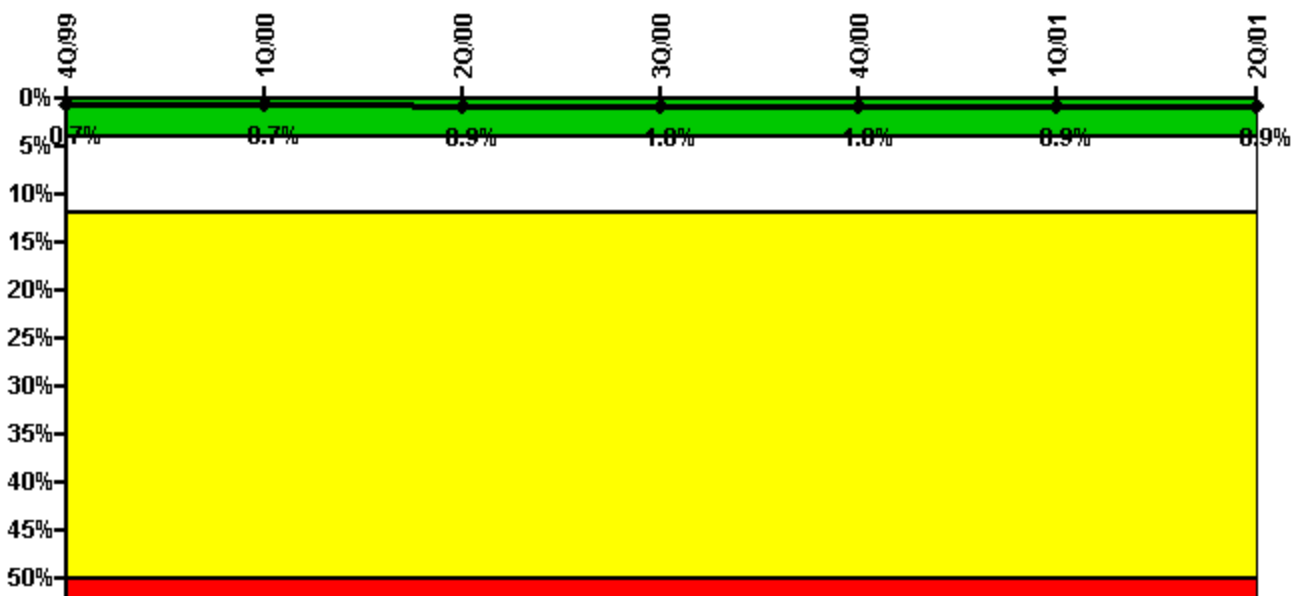
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

**Notes**

Safety System Unavailability, High Pressure Injection System (HPCS)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	5.90	18.90	0	1.50	9.90	3.30	3.50
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	2145.82	1512.37	2044.37	2110.38	2209.00	2160.00	2088.17
<b>Indicator value</b>	<b>0.8%</b>	<b>0.9%</b>	<b>0.8%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.5%</b>

Licensee Comments: none

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



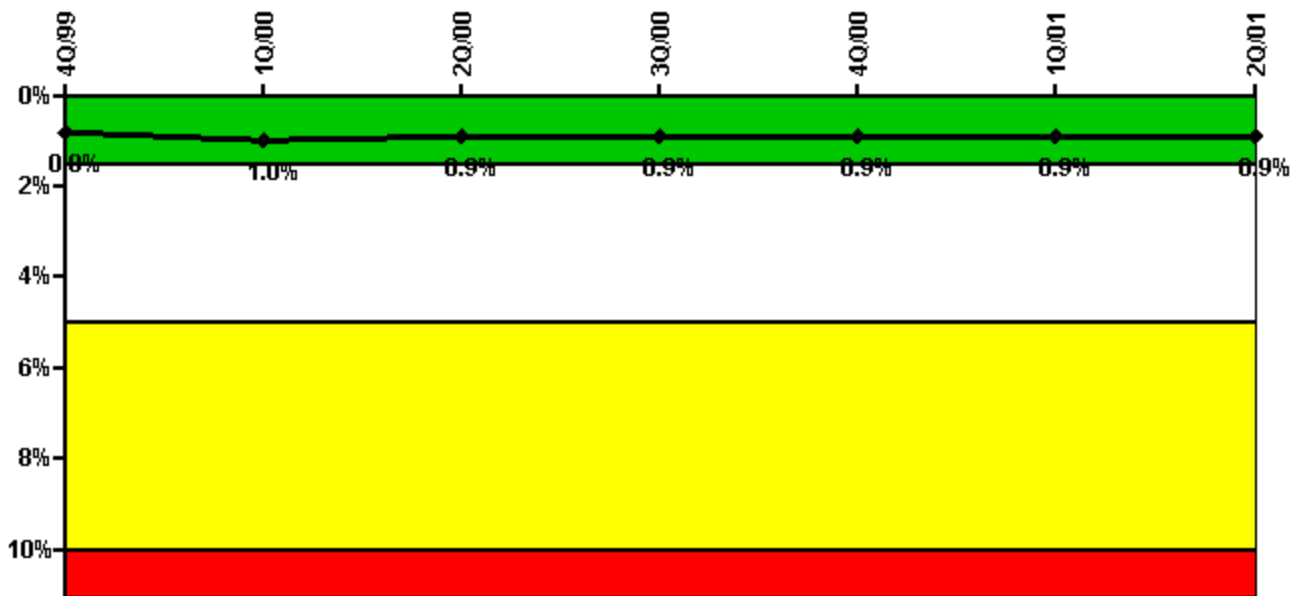
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### 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	10.30	8.60	23.40	49.00	6.20	1.10	8.20
Unplanned unavailable hours	0	0.40	5.00	4.40	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	2145.82	1512.37	2044.37	2110.38	2209.00	2160.00	2088.17
<b>Indicator value</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.9%</b>	<b>1.0%</b>	<b>1.0%</b>	<b>0.9%</b>	<b>0.9%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



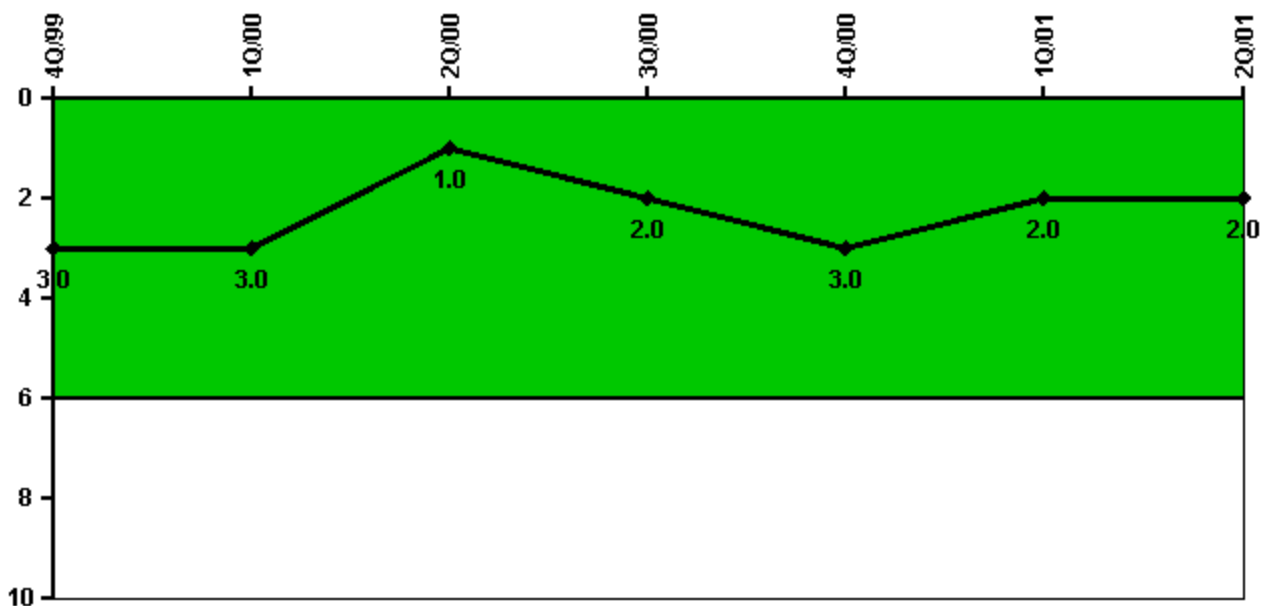
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	36.50	58.00	40.40	4.10	4.00	5.60	2.90
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	50.90	38.80	5.80	7.20	2.90	1.90	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
<b>Indicator value</b>	<b>0.8%</b>	<b>1.0%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.9%</b>

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

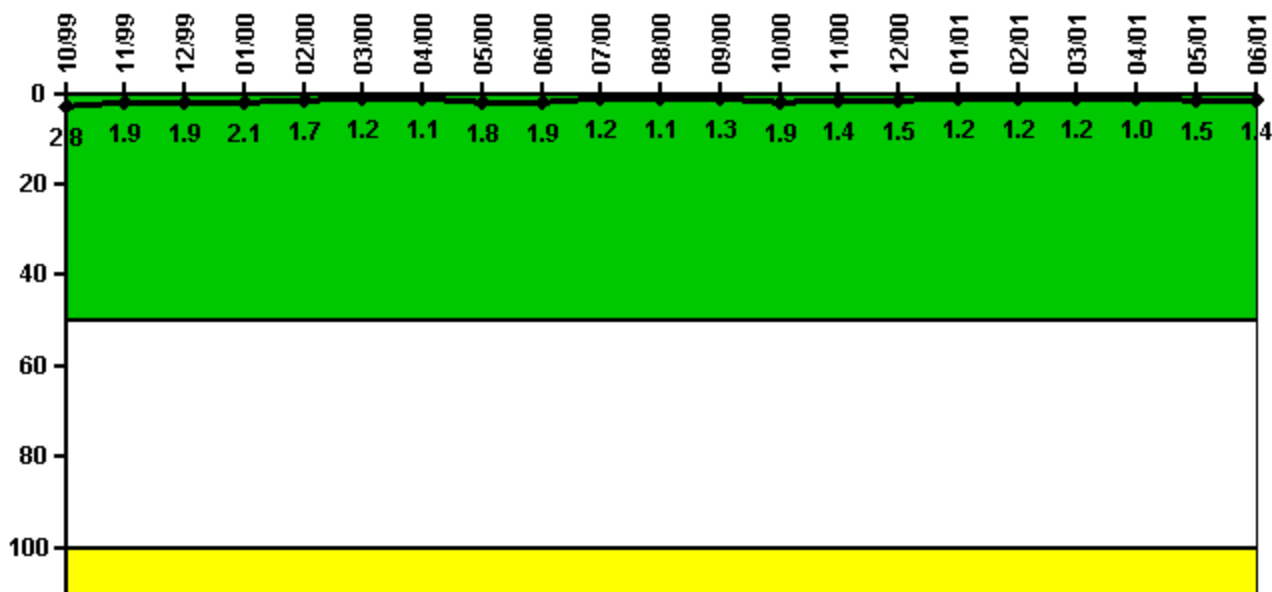
#### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

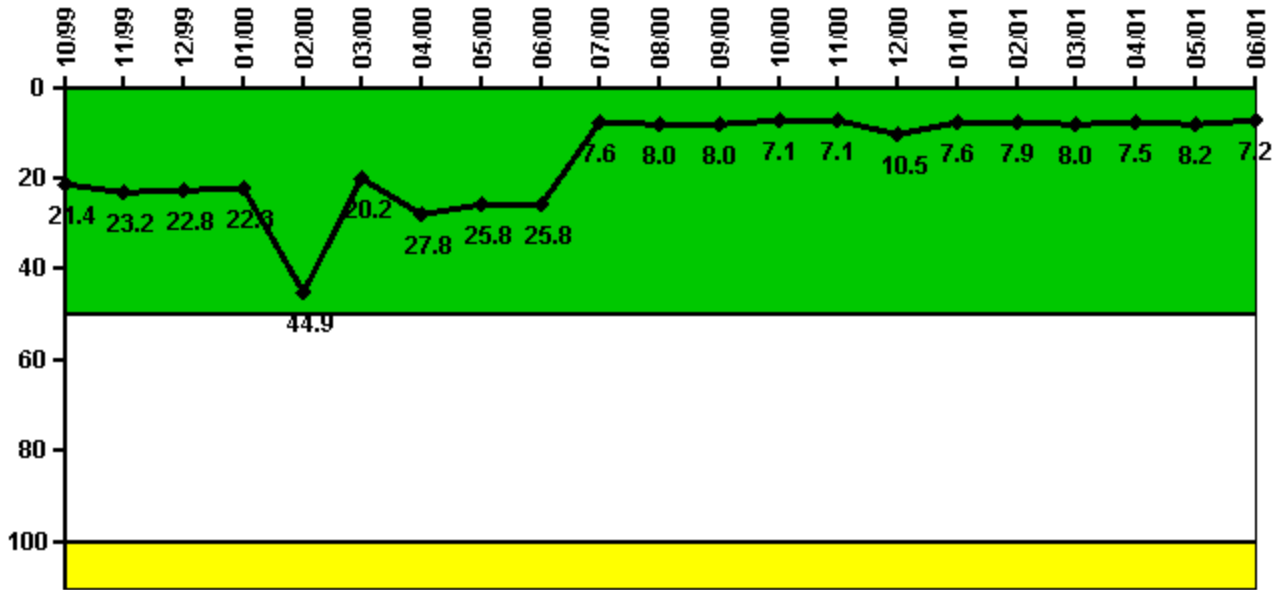
Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.005540	0.003890	0.003760	0.004190	0.003480	0.002350	0.002250	0.003500	0.003700	0.002470	0.002270	0.002600
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	2.8	1.9	1.9	2.1	1.7	1.2	1.1	1.8	1.9	1.2	1.1	1.3

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.003780	0.002780	0.002950	0.002420	0.002470	0.002450	0.002090	0.002950	0.002800
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	1.9	1.4	1.5	1.2	1.2	1.2	1.0	1.5	1.4

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

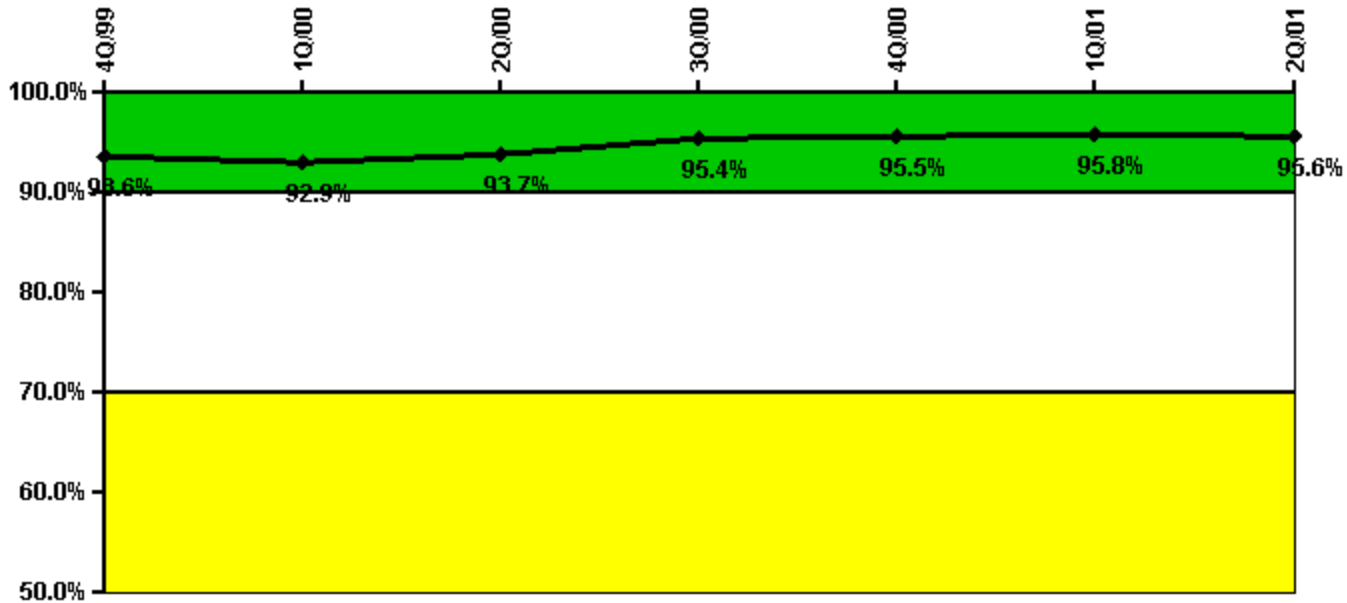
#### Notes

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	6.410	6.960	6.830	6.690	13.470	6.070	8.340	7.750	7.750	2.290	2.410	2.400
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	21.4	23.2	22.8	22.3	44.9	20.2	27.8	25.8	25.8	7.6	8.0	8.0

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	2.130	2.130	3.150	2.290	2.360	2.410	2.250	2.470	2.160
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	7.1	7.1	10.5	7.6	7.9	8.0	7.5	8.2	7.2

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	29.0	6.0	22.0	17.0	15.0	13.0	18.0
Total opportunities	31.0	6.0	22.0	17.0	17.0	13.0	19.0
Indicator value	93.6%	92.9%	93.7%	95.4%	95.5%	95.8%	95.6%

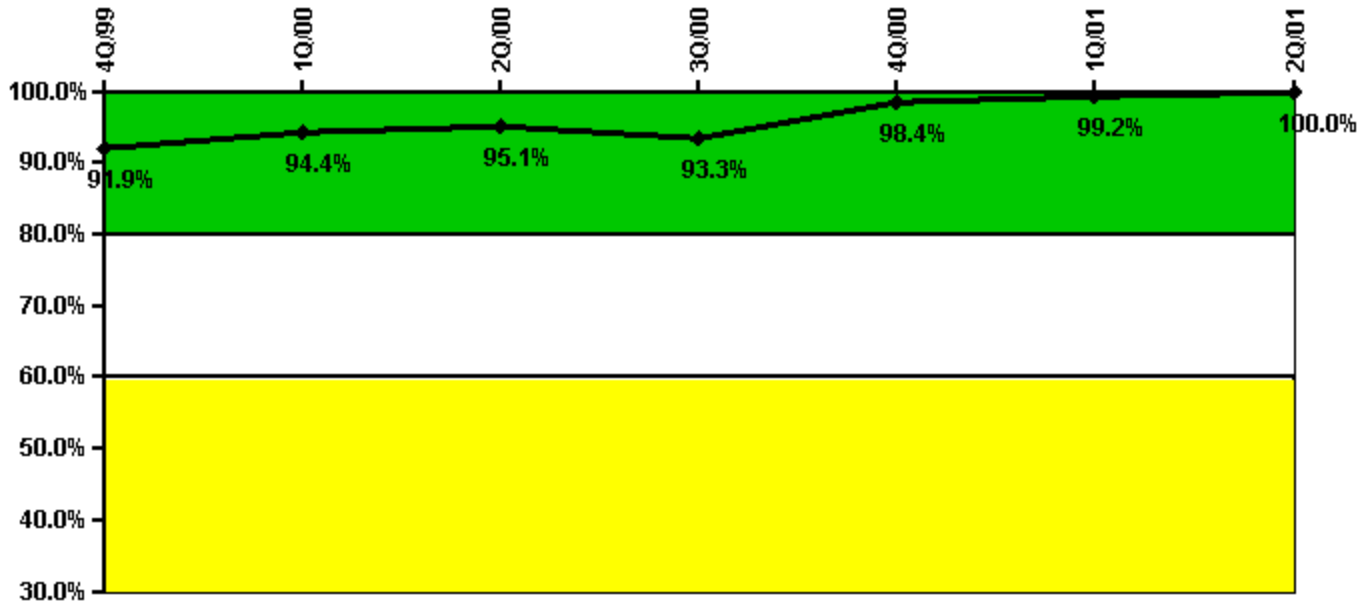
#### Licensee Comments:

2Q/01: 2Q/01: A re-evaluation of EP data identified additional performance opportunities which has resulted in changes to the Drill and Exercise performance indicator data for 4Q99 through 1Q01. These changes do not change the indicator color.

1Q/00: The number of drill, exercise, and actual event opportunities have been revised for the 1st and 3rd quarters in 1998. These changes do not change the color of the indicator.

4Q/99: Data based on best effort review of available information.

### ERO Drill Participation



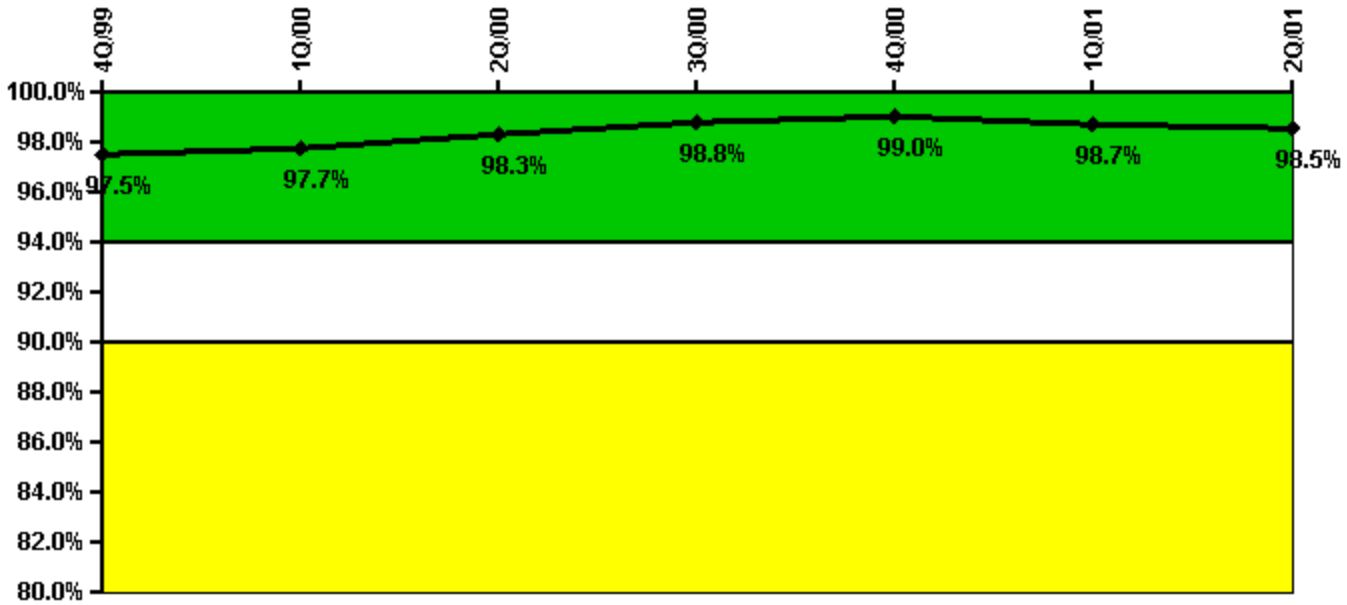
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	114.0	119.0	117.0	112.0	122.0	117.0	126.0
Total Key personnel	124.0	126.0	123.0	120.0	124.0	118.0	126.0
Indicator value	91.9%	94.4%	95.1%	93.3%	98.4%	99.2%	100.0%

Licensee Comments: none

### Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

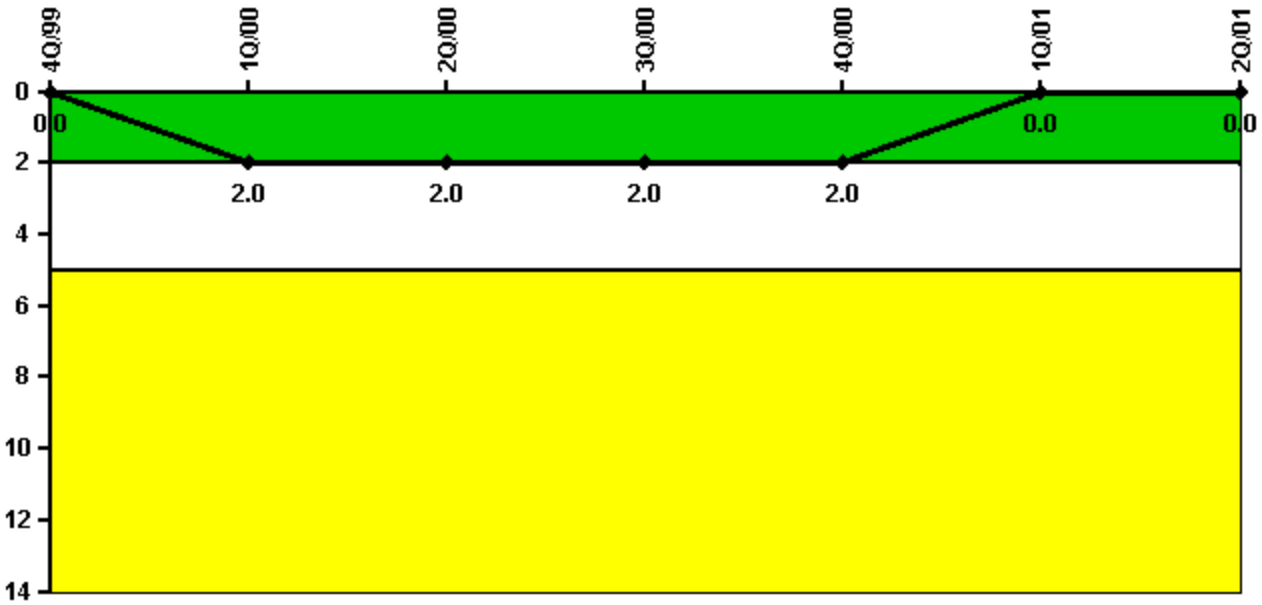
#### Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	999	925	923	1195	918	913	1189
Total sirens-tests	1023	930	930	1209	930	930	1209
Indicator value	97.5%	97.7%	98.3%	98.8%	99.0%	98.7%	98.5%

Licensee Comments:

2Q/01: The data for the 2nd quarter includes successful opportunities during a June 2001 silent test that are being clarified through the FAQ process. The data will be adjusted as appropriate upon receipt of the FAQ clarification.

### Occupational Exposure Control Effectiveness



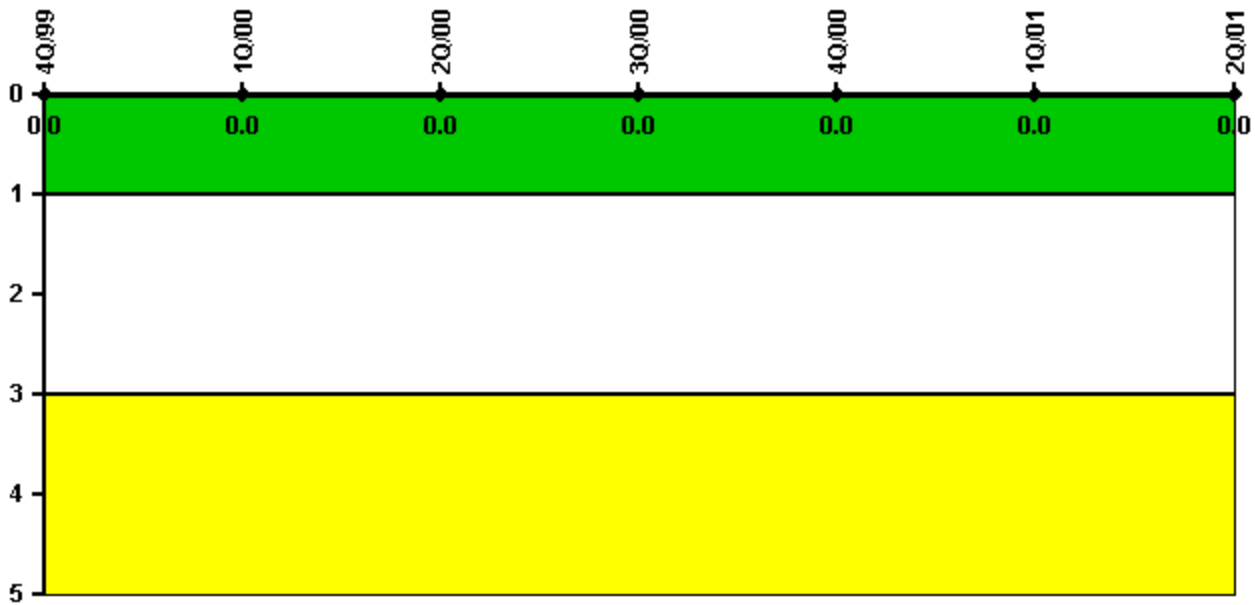
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
High radiation area occurrences	0	2	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>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



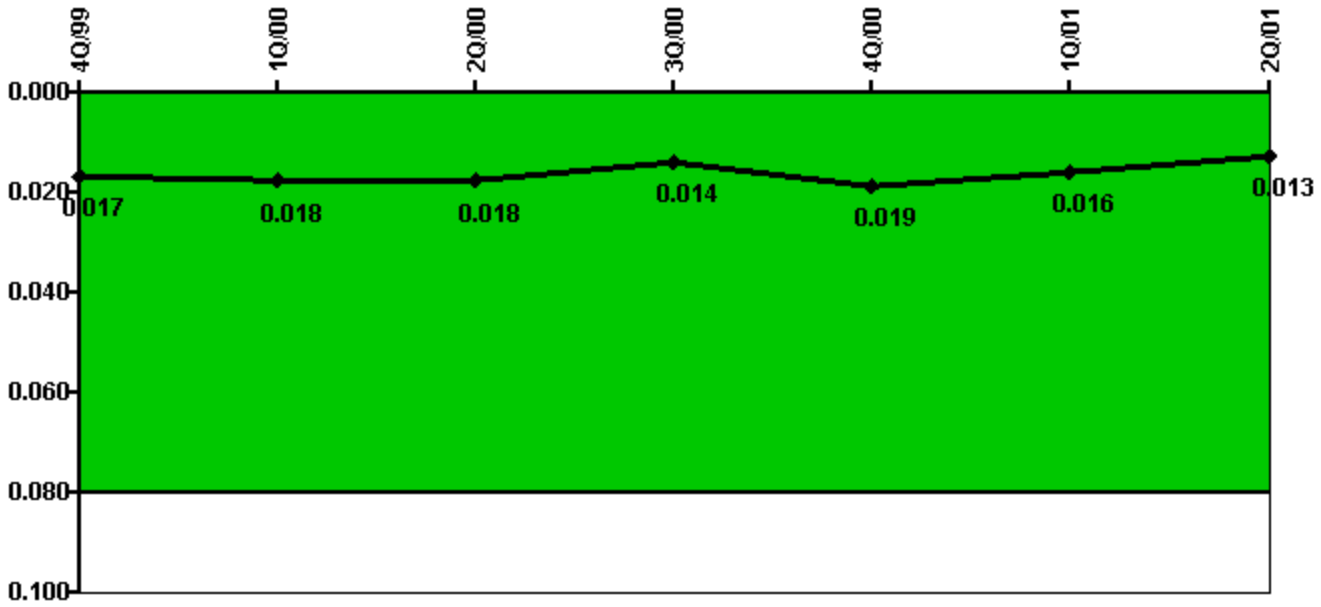
Thresholds: White > 1.0 Yellow > 3.0

#### 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

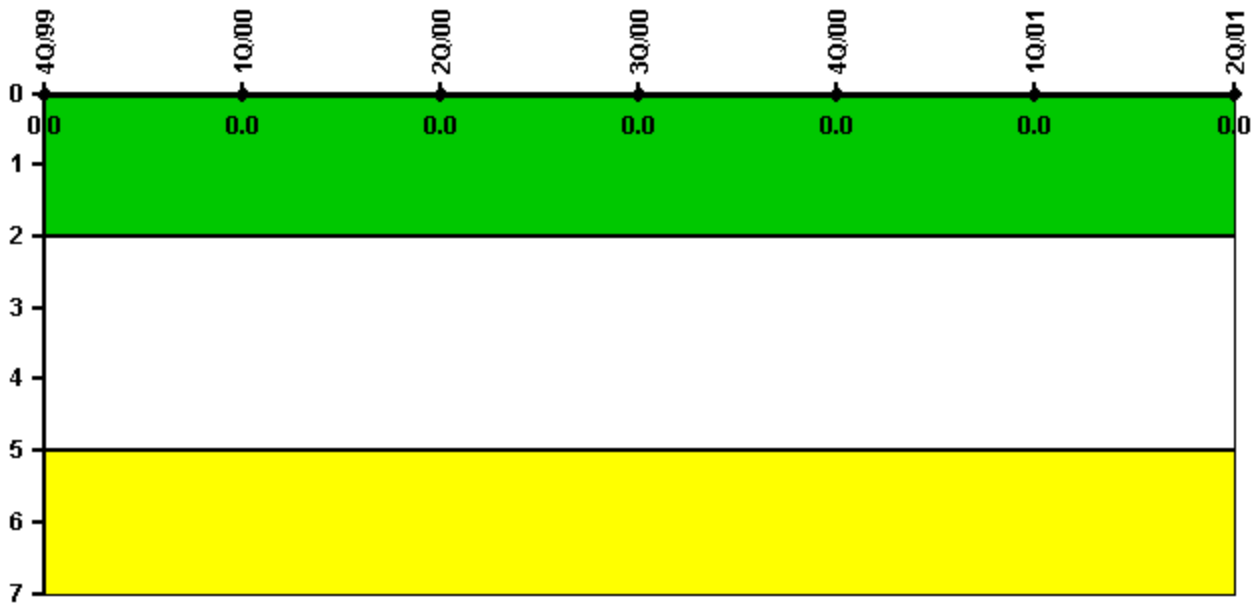
#### Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	7.82	74.33	49.82	74.08	19.50	29.67	10.28
CCTV compensatory hours	24.1	27.5	26.6	13.1	90.6	23.2	6.4
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0
<b>Index Value</b>	<b>0.017</b>	<b>0.018</b>	<b>0.018</b>	<b>0.014</b>	<b>0.019</b>	<b>0.016</b>	<b>0.013</b>

Licensee Comments: none



### Personnel Screening Program



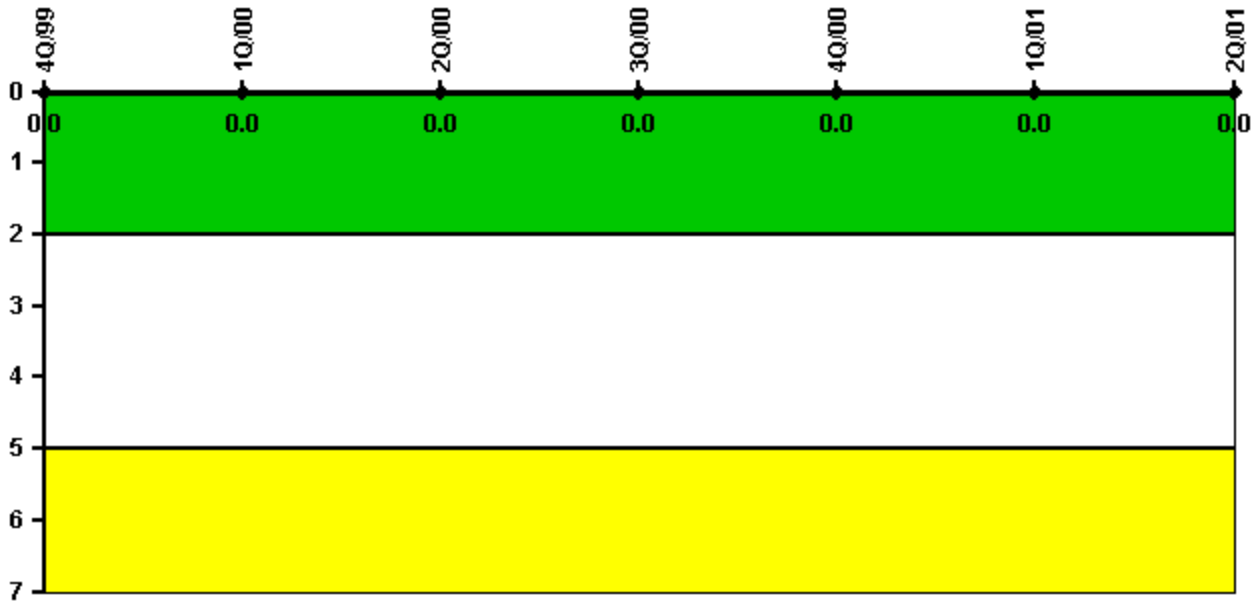
Thresholds: White > 2.0 Yellow > 5.0

#### 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