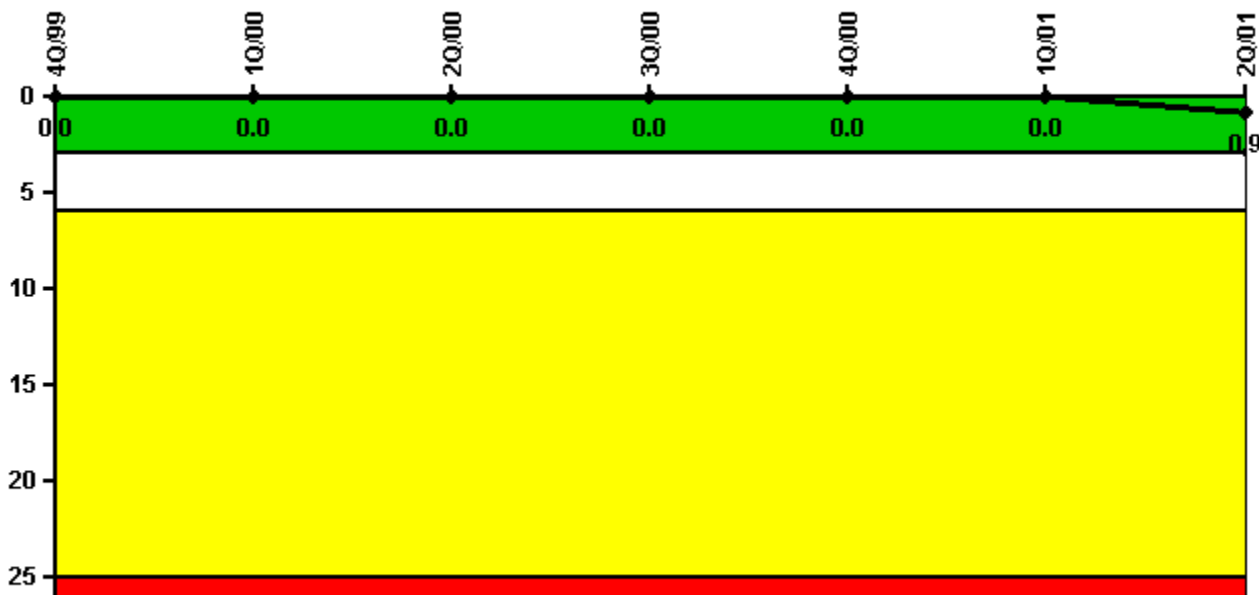


### Perry 1

#### 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	0	0	0	0	0	0	1.0
Critical hours	2209.0	2184.0	1924.0	2208.0	2209.0	1380.6	1640.9
<b>Indicator value</b>	<b>0</b>	<b>0</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



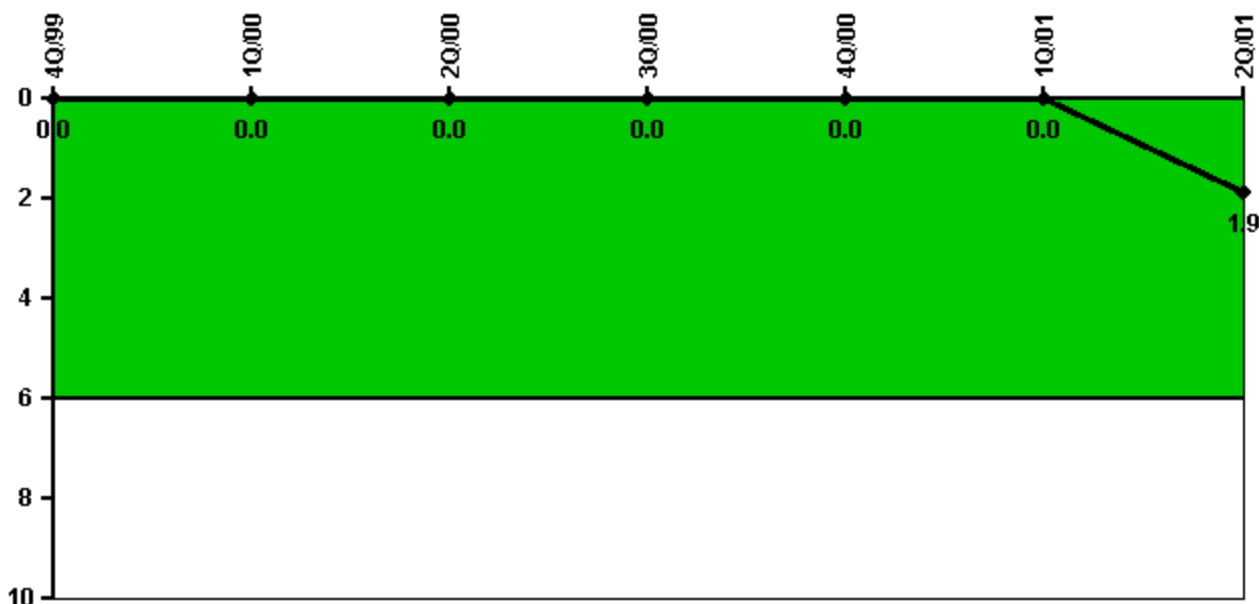
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

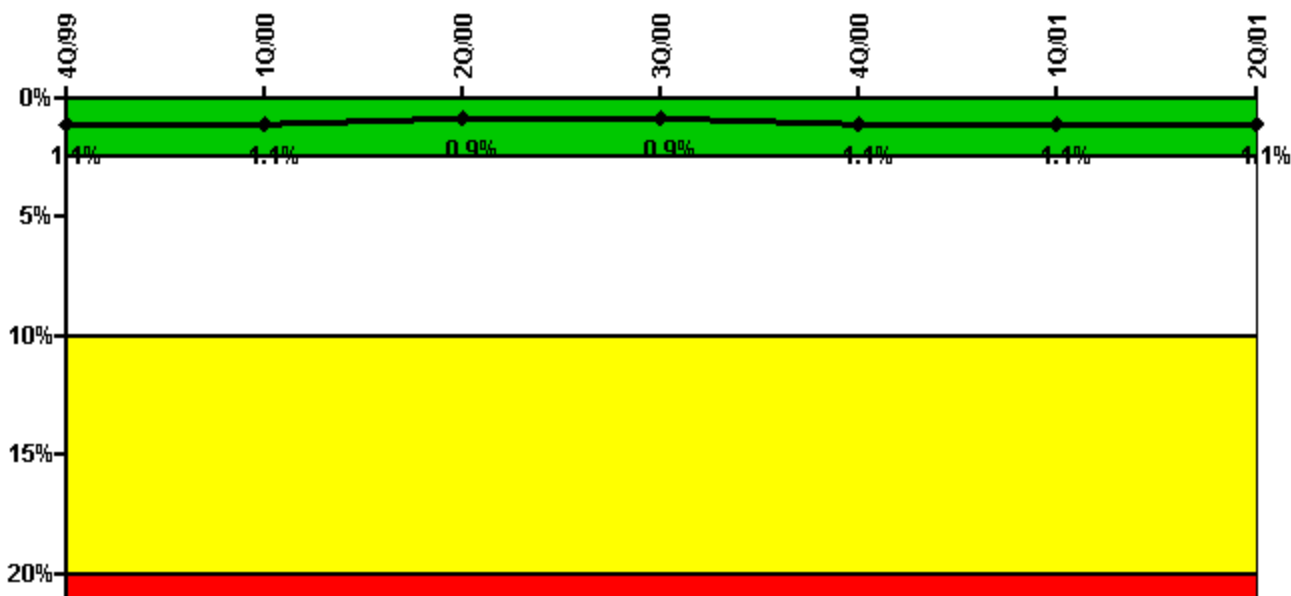
#### Notes

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	0	0	0	0	0	2.0
Critical hours	2209.0	2184.0	1924.0	2208.0	2209.0	1380.6	1640.9
Indicator value	0	0	0	0	0	0	1.9

Licensee Comments:

2Q/01: Revised Data: For 04/2001 - Upon feedback through the FAQ process, a power change that preceded a scram that occurred in April should be counted as an unplanned power change. This does not affect the indicator color.

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



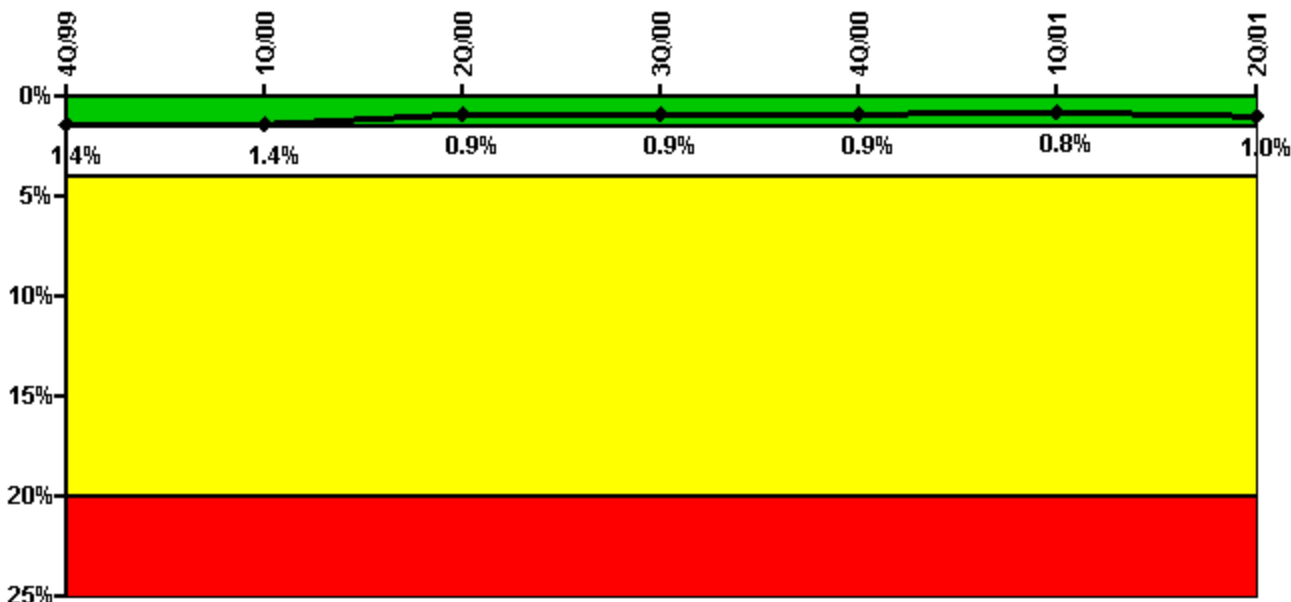
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

#### 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	112.30	17.60	7.79	51.85	4.75	6.97	5.87
Unplanned unavailable hours	0	0	0	0	0	0	13.92
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	59.30	13.46	8.04	4.30	34.35	14.57	7.56
Unplanned unavailable hours	0	0	0	0	122.83	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 3</b>							
Planned unavailable hours	0	1.98	71.59	1.74	25.72	1.00	33.69
Unplanned unavailable hours	0	11.63	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>1.1%</b>	<b>1.1%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.1%</b>

Licensee Comments: none

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



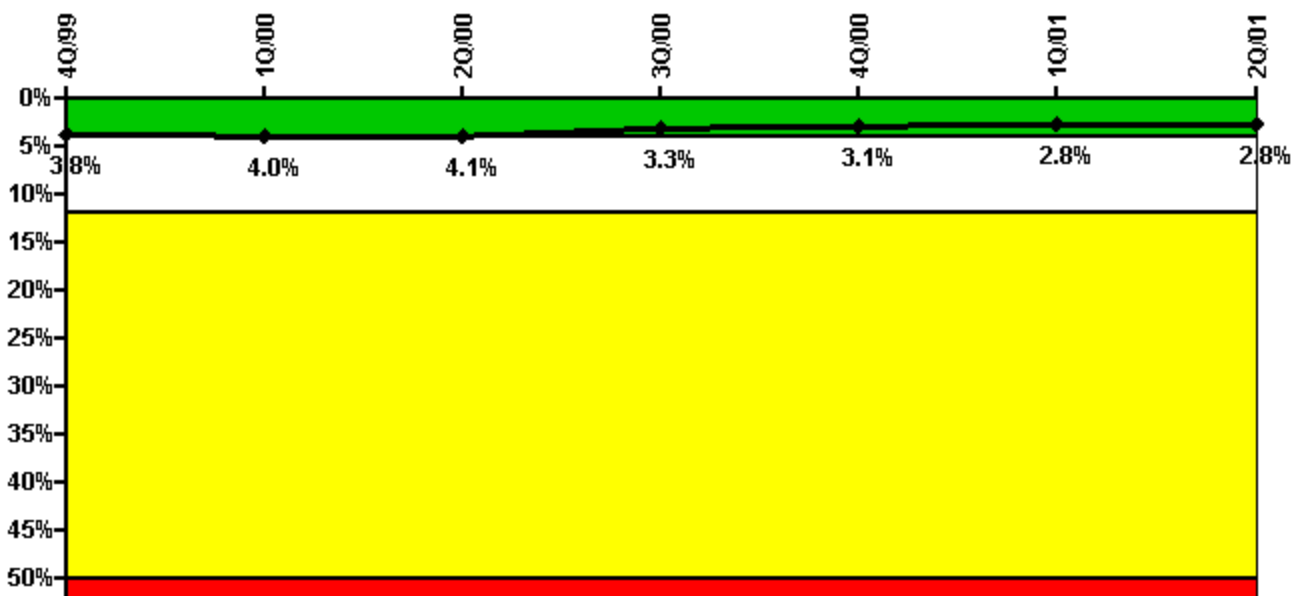
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

#### 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	0	1.18	52.40	1.50	9.07	1.18	31.13
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	1924.00	2208.00	2209.00	1380.60	1640.90
<b>Indicator value</b>	<b>1.4%</b>	<b>1.4%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.8%</b>	<b>1.0%</b>

Licensee Comments: none

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



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

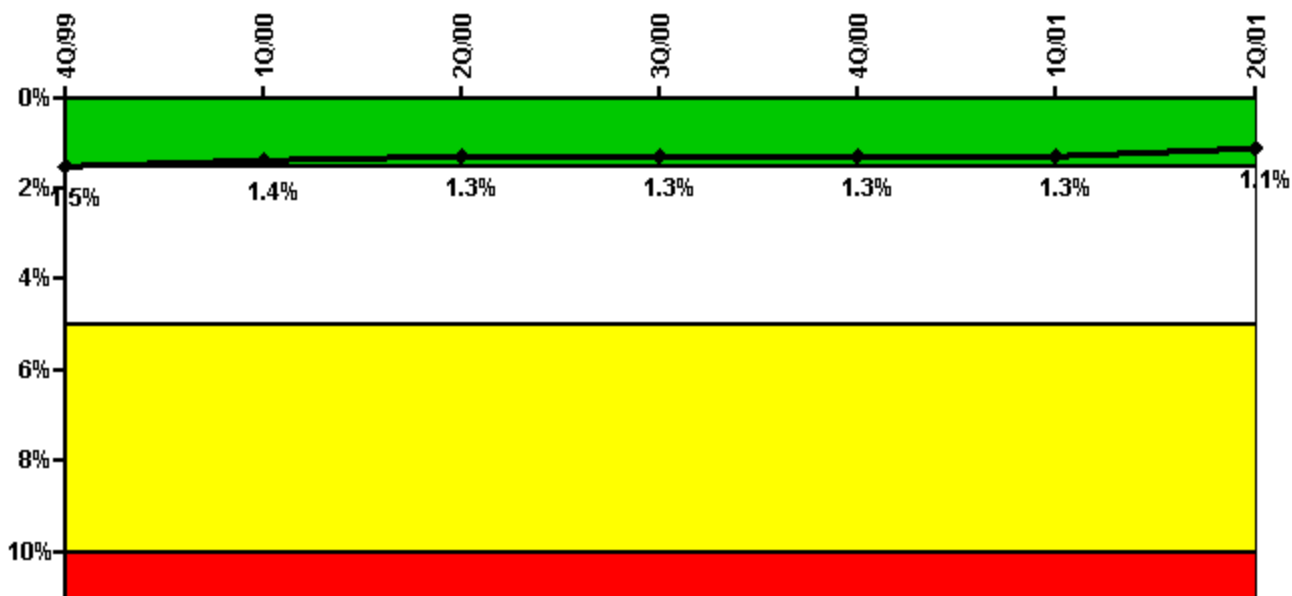
#### Notes

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	0	72.33	2.60	60.92	16.56	60.75	39.38
Unplanned unavailable hours	0	7.80	29.20	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	1924.00	2208.00	2209.00	1380.60	1640.90
<b>Indicator value</b>	<b>3.8%</b>	<b>4.0%</b>	<b>4.1%</b>	<b>3.3%</b>	<b>3.1%</b>	<b>2.8%</b>	<b>2.8%</b>

#### Licensee Comments:

1Q/01: Revised Data: For 01/2001, removed 46.0 unavailable hours due to reclassification of time as planned overhaul maintenance meeting criteria of NEI 99-02 and FAQ. This does not affect the indicator color. For 03/2001, removed 6.13 unavailable hours to correct hours assessed when RCIC is not required during plant startup. This does not affect the indicator color.

### Safety System Unavailability, Residual Heat Removal System



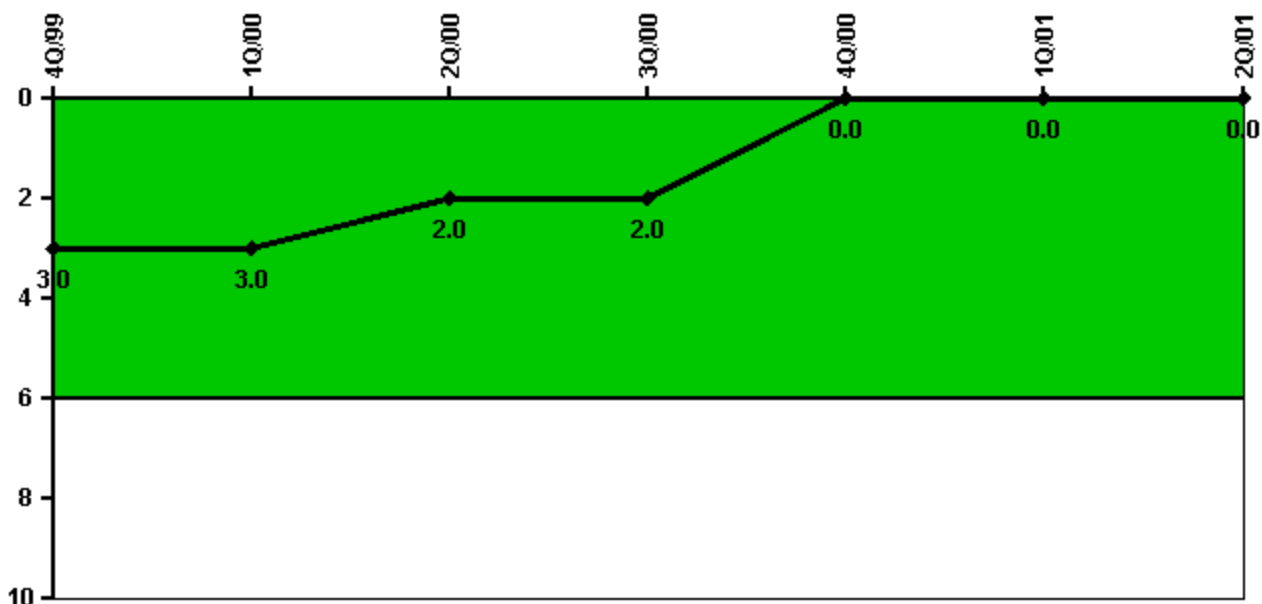
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### 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	3.07	6.46	84.67	15.28	3.65	4.87
Unplanned unavailable hours	0	0	0	0	0	0.85	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	136.00	14.70	1.32	12.80	50.50	0.50	0
Unplanned unavailable hours	0	0	0	0	11.92	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>1.5%</b>	<b>1.4%</b>	<b>1.3%</b>	<b>1.3%</b>	<b>1.3%</b>	<b>1.3%</b>	<b>1.1%</b>

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

#### Notes

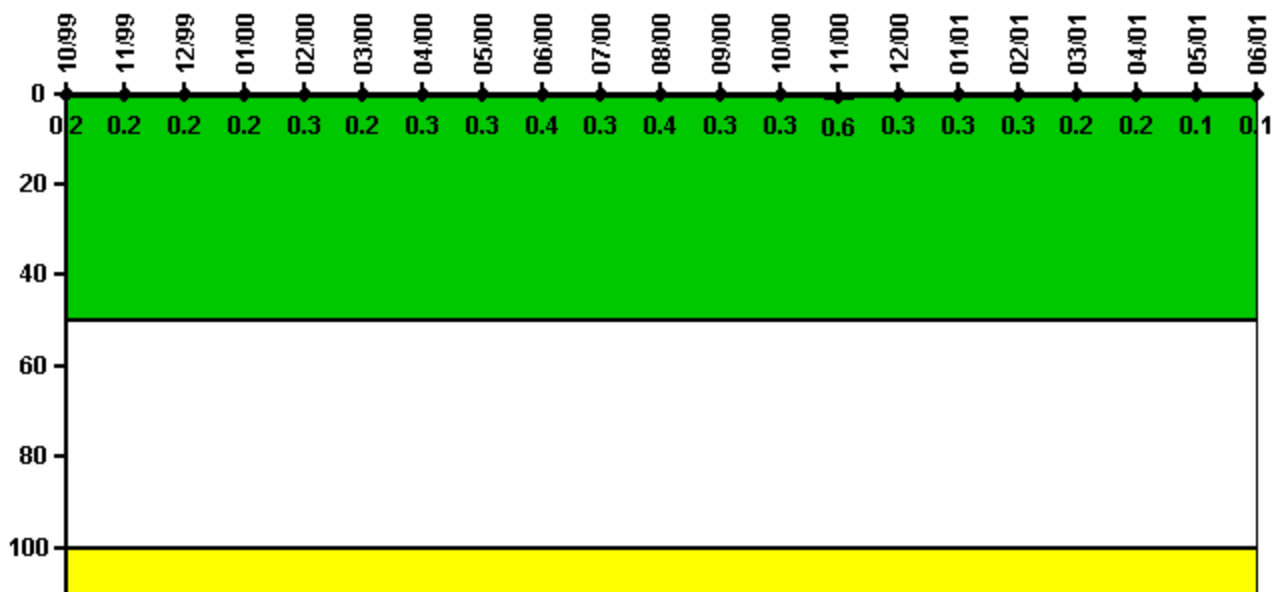
Safety System Functional Failures (BWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Safety System Functional Failures	2	0	0	0	0	0	0
Indicator value	3	3	2	2	0	0	0

#### Licensee Comments:

4Q/00: Revised Data: For 12/2000 - An event involving Emergency Service Water operability was initially reported as a Loss of Safety Function as well as Outside the Design Basis (LER 2000-005). Subsequent analysis determined that no loss of safety function occurred and the LER was supplemented to retract that portion of the report (LER 2000-005-01). The NRC closed the LER in Inspection Report 2000-013, dated 12/11/01. Therefore, the SSFF that had been recorded for 12/2000 has been removed. This does not affect the indicator color.



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

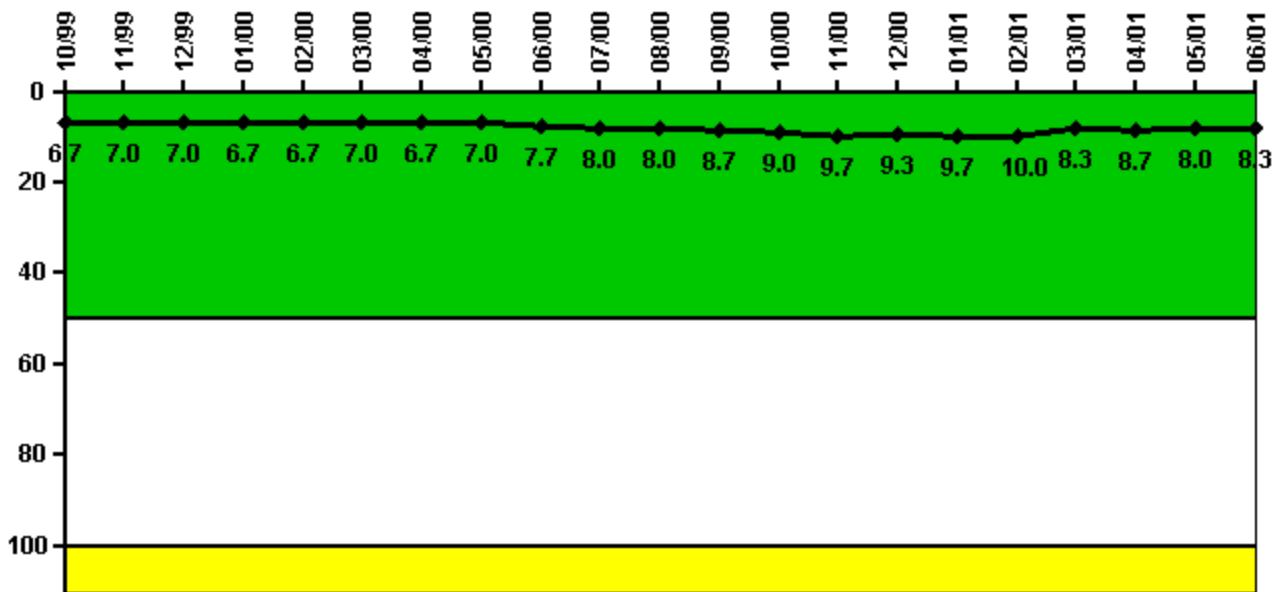
Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000354	0.000338	0.000349	0.000380	0.000613	0.000389	0.000561	0.000616	0.000778	0.000663	0.000777	0.000615
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.4	0.3	0.4	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	0.000653	0.001110	0.000656	0.000635	0.000595	0.000437	0.000392	0.000206	0.000270
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.3	0.6	0.3	0.3	0.3	0.2	0.2	0.1	0.1

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

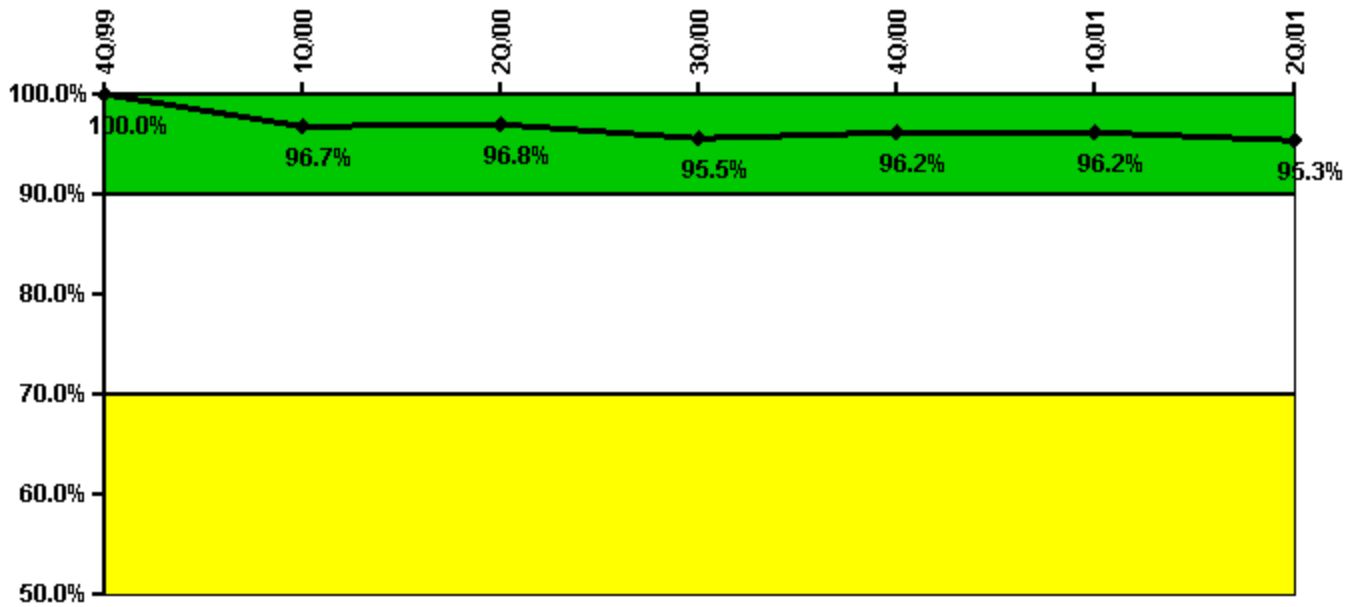
**Notes**

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	2.000	2.100	2.100	2.000	2.000	2.100	2.000	2.100	2.300	2.400	2.400	2.600
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	6.7	7.0	7.0	6.7	6.7	7.0	6.7	7.0	7.7	8.0	8.0	8.7

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	2.700	2.900	2.800	2.900	3.000	2.500	2.600	2.400	2.500
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	9.0	9.7	9.3	9.7	10.0	8.3	8.7	8.0	8.3

Licensee Comments: none

### Drill/Exercise Performance



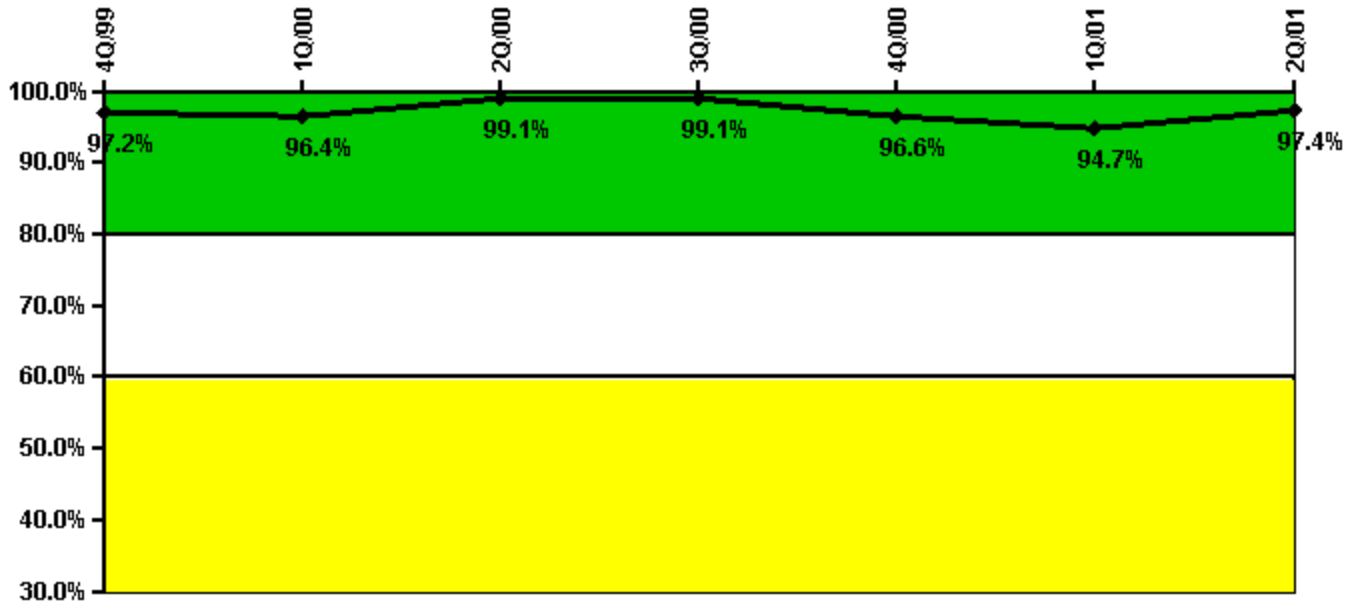
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	15.0	23.0	32.0	14.0	45.0	0	13.0
Total opportunities	15.0	25.0	33.0	16.0	46.0	0	15.0
Indicator value	100.0%	96.7%	96.8%	95.5%	96.2%	96.2%	95.3%

Licensee Comments: none

### ERO Drill Participation



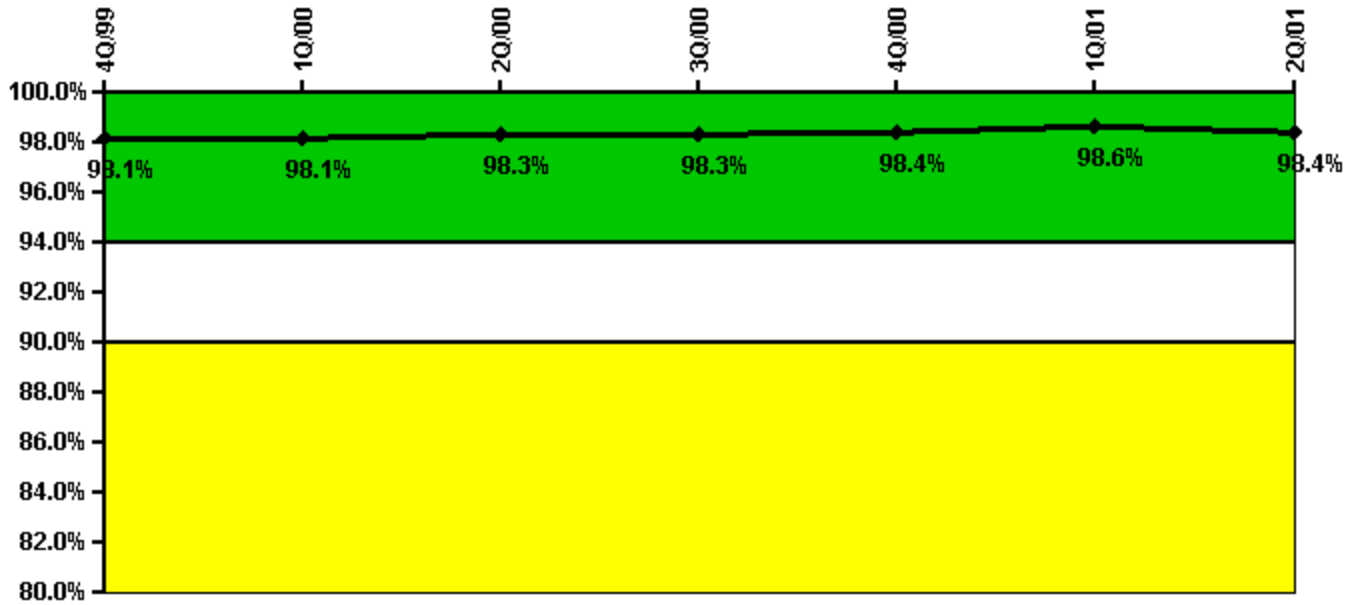
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	105.0	106.0	109.0	105.0	113.0	107.0	111.0
Total Key personnel	108.0	110.0	110.0	106.0	117.0	113.0	114.0
Indicator value	97.2%	96.4%	99.1%	99.1%	96.6%	94.7%	97.4%

Licensee Comments: none

### Alert & Notification System



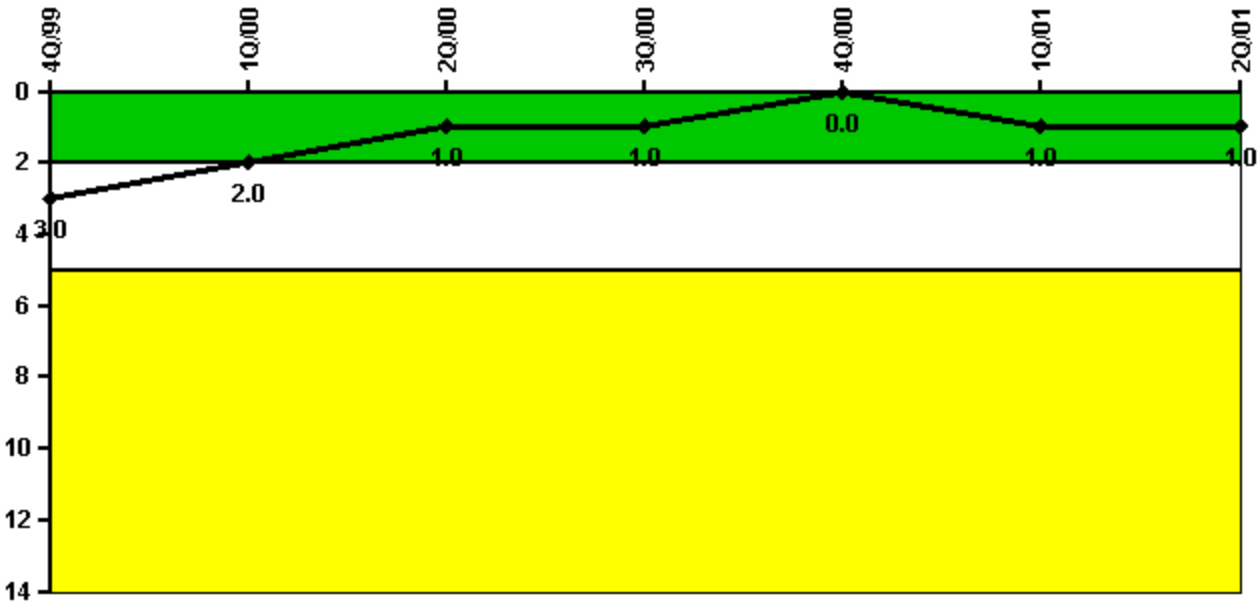
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	520	525	526	521	523	528	521
Total sirens-tests	532	532	532	532	532	532	532
Indicator value	98.1%	98.1%	98.3%	98.3%	98.4%	98.6%	98.4%

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	1	0	0	0	0	1	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>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>

Licensee Comments:

1Q/01: Revised Data: For 03/2001, the Very High Radiation Occurrence was reclassified not meeting the reporting threshold because the involved area was inaccessible to personnel. This change does not affect the indicator color.

### RETS/ODCM Radiological Effluent



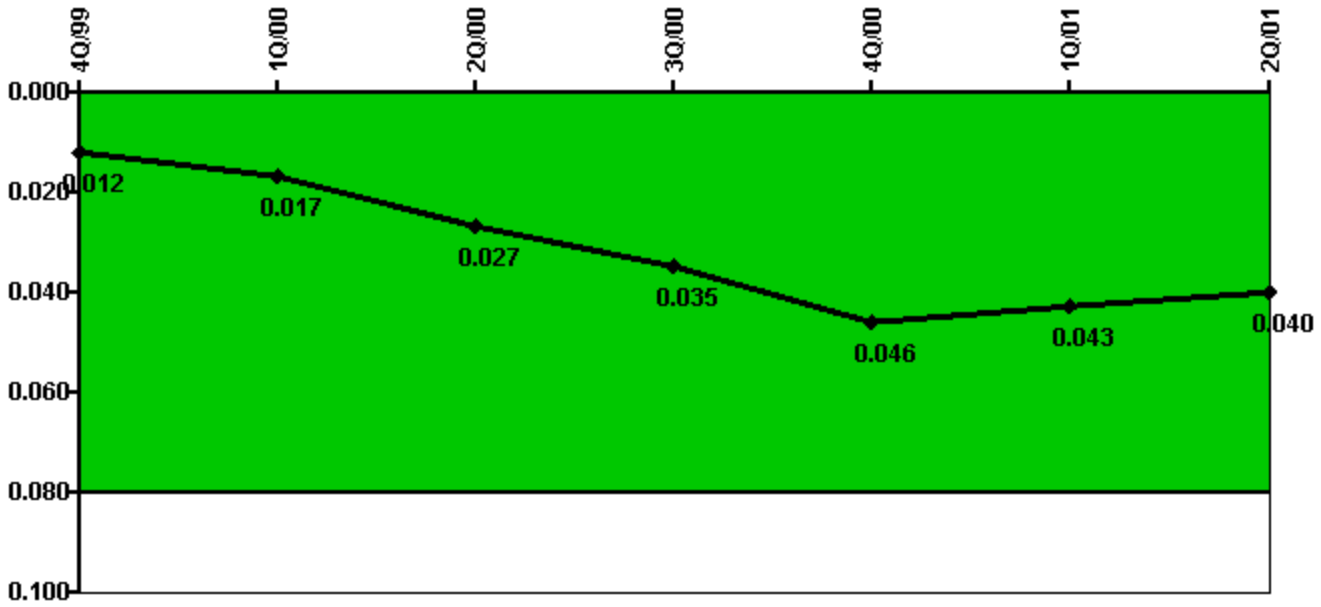
Thresholds: White > 1.0 Yellow > 3.0

#### 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

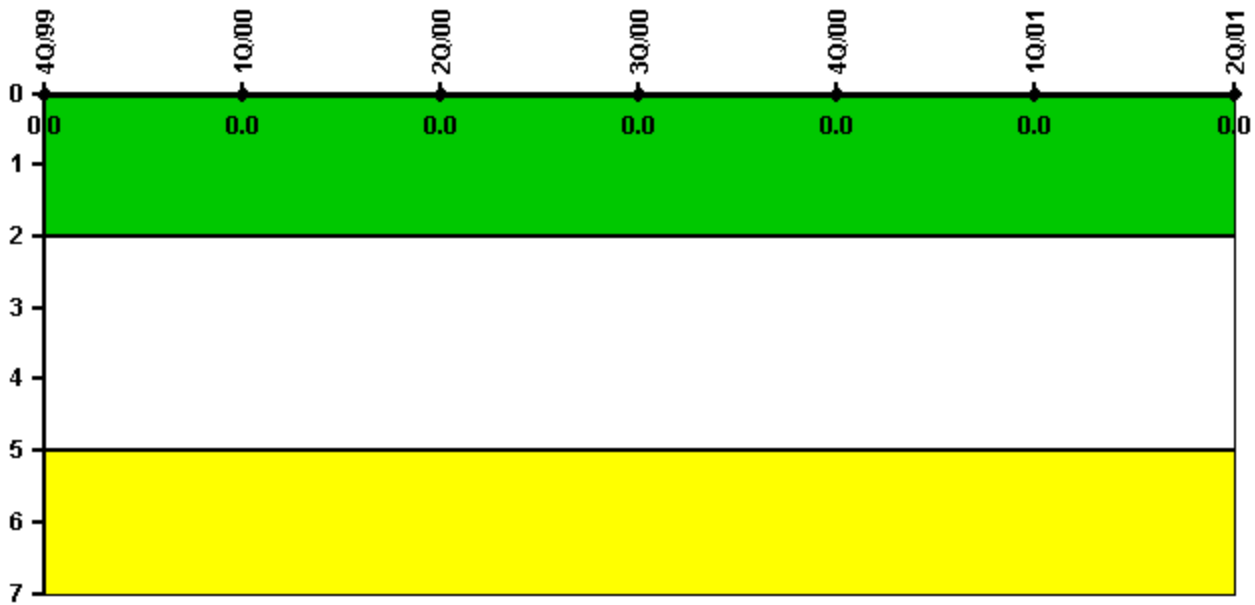
#### Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	34.70	143.80	263.20	221.30	208.70	59.40	197.50
CCTV compensatory hours	6.8	2.8	0	6.0	36.2	28.5	1.0
IDS normalization factor	1.10	1.10	1.10	1.10	1.10	1.10	1.10
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0
<b>Index Value</b>	<b>0.012</b>	<b>0.017</b>	<b>0.027</b>	<b>0.035</b>	<b>0.046</b>	<b>0.043</b>	<b>0.040</b>

Licensee Comments: none



### Personnel Screening Program



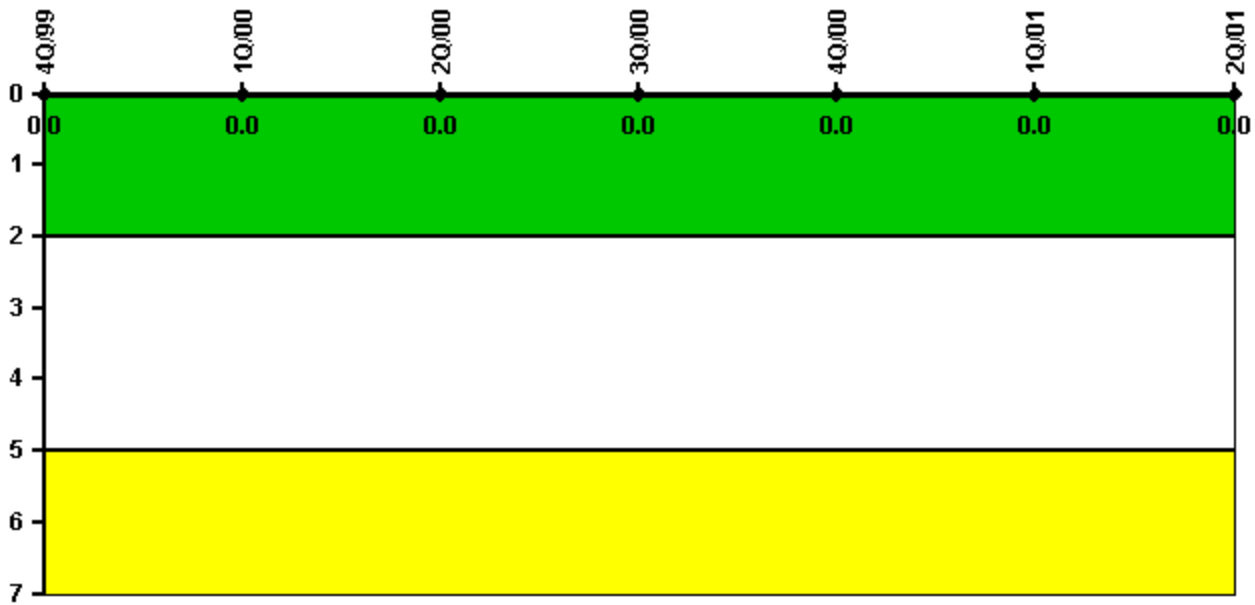
Thresholds: White > 2.0 Yellow > 5.0

#### 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