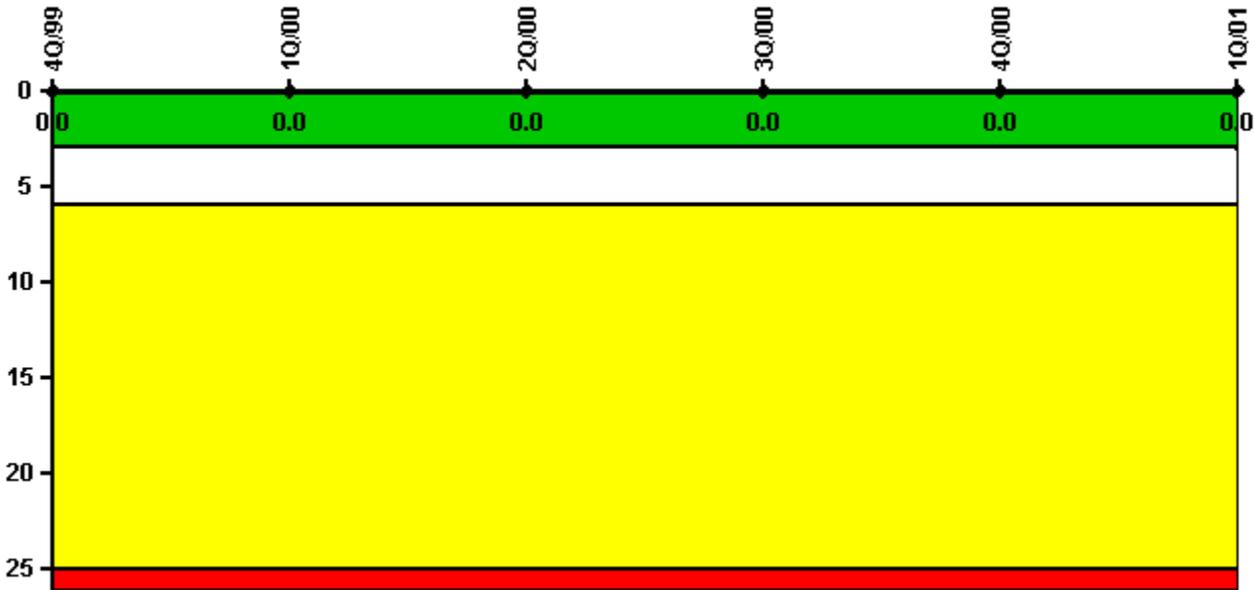


### Millstone 3

#### 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	0	0	0	0	0	0
Critical hours	2209.0	2184.0	2183.0	2208.0	2209.0	866.1
Indicator value	0	0	0	0	0	0

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



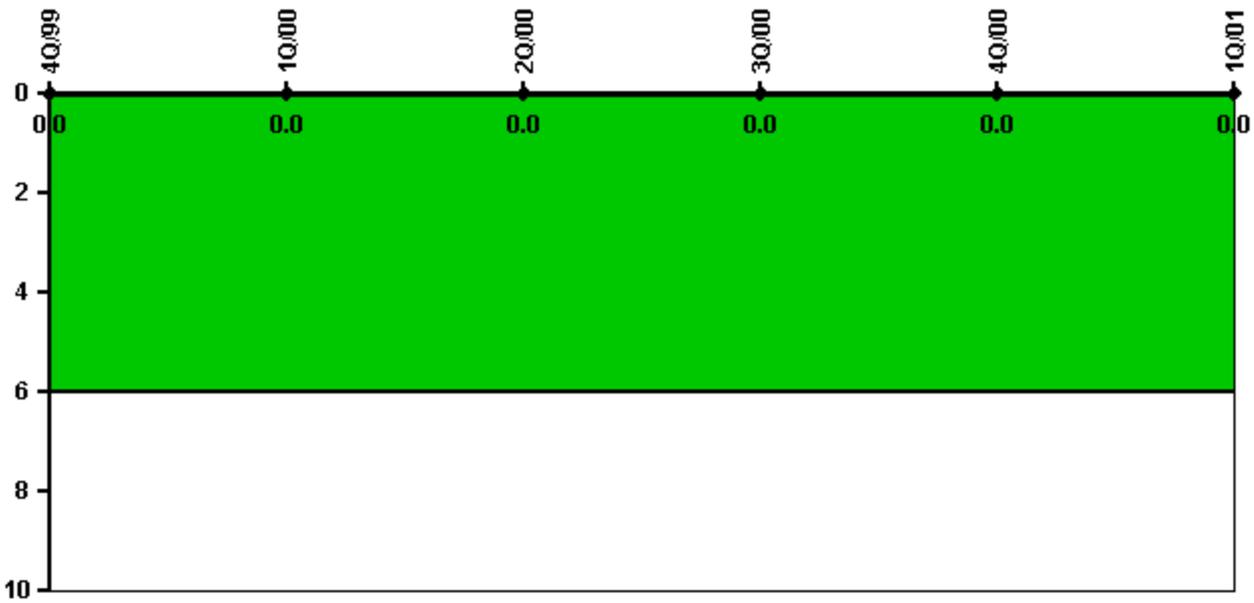
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### 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	0	0	0	0	0	0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



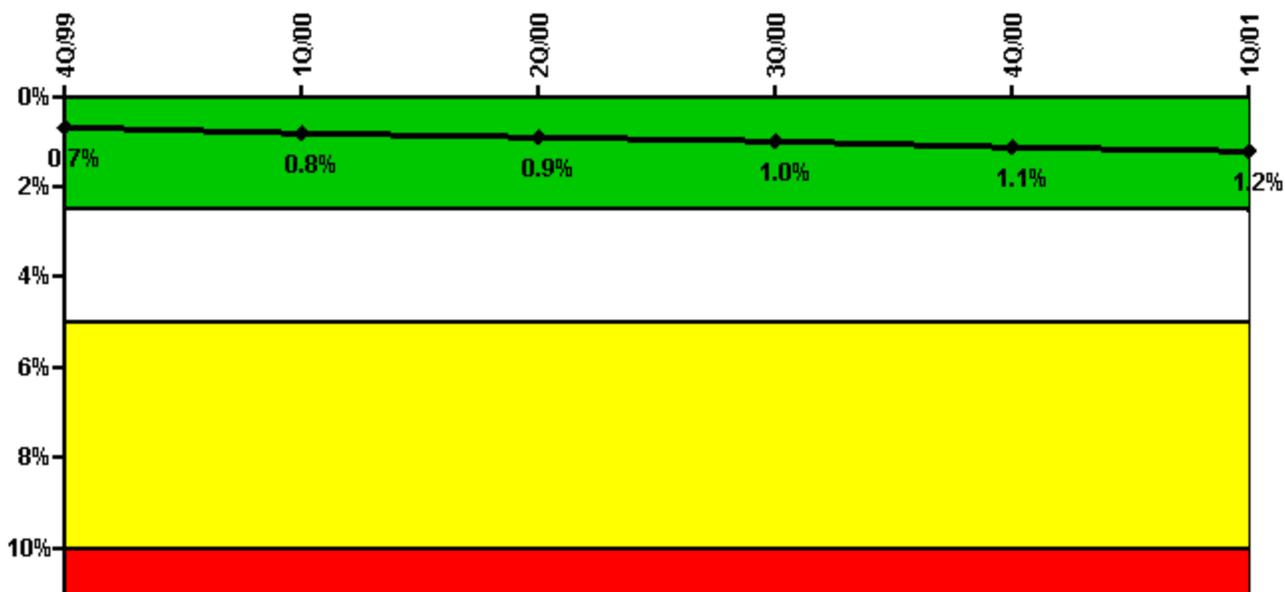
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	0	0	0	0	0	0
Critical hours	2209.0	2184.0	2183.0	2208.0	2209.0	866.1
<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

### 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
<b>Train 1</b>						
Planned unavailable hours	19.30	36.55	16.13	20.64	28.80	5.90
Unplanned unavailable hours	0	0	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>Train 2</b>						
Planned unavailable hours	20.72	25.03	28.49	16.88	44.30	16.08
Unplanned unavailable hours	0	0	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>0.7%</b>	<b>0.8%</b>	<b>0.9%</b>	<b>1.0%</b>	<b>1.1%</b>	<b>1.2%</b>

Licensee Comments: none

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



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

Notes

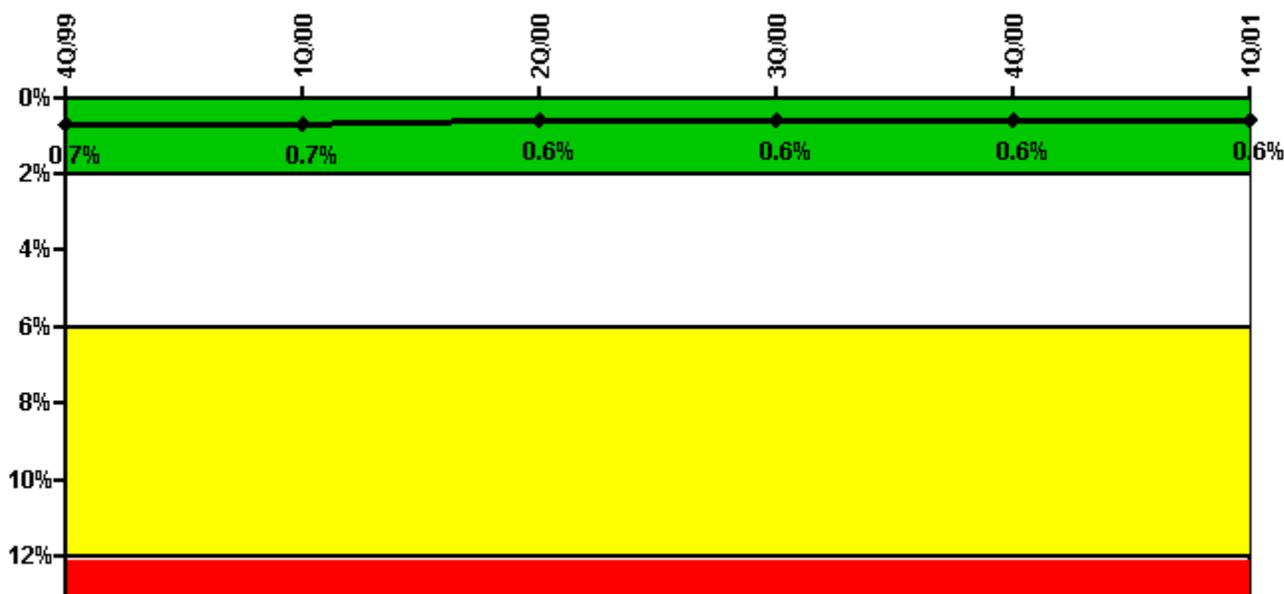
Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
<b>Train 1</b>						
Planned unavailable hours	11.44	22.40	24.60	23.09	34.40	9.24
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1121.14
<b>Train 2</b>						
Planned unavailable hours	13.65	22.52	15.33	44.47	19.59	13.98
Unplanned unavailable hours	0	0	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	1121.14
<b>Train 3</b>						
Planned unavailable hours	12.84	20.90	15.34	22.92	19.57	17.45
Unplanned unavailable hours	0	0	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	1182.70
<b>Train 4</b>						
Planned unavailable hours	21.89	9.51	11.73	15.41	27.12	4.39
Unplanned unavailable hours	0	0	1.72	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	1182.70
<b>Indicator value</b>	<b>0.7%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.9%</b>	<b>0.9%</b>

Licensee Comments:

1Q/01: Following the 2001 refueling outage a support component for the "A" Charging Pump was not adequately filled and vented. An engineering review performed by Westinghouse determined the "A" Charging Pump remained available. The 371.93 Fault Exposure Hours reported for March have been removed. The removal of these Fault Exposure Hours in the 1st quarter 2001 results in the indicator remaining in the GREEN performance band.

1Q/01: Following the 2001 refueling outage a support component for the "A" Charging Pump was not adequately filled and vented. This may have resulted in the pump being unavailable and may require the addition of 371.93 Fault Exposure Hours for March. This event is still under review. The addition of these Fault Exposure Hours did not result in the indicator crossing the GREEN/WHITE threshold in the 1st quarter.

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



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

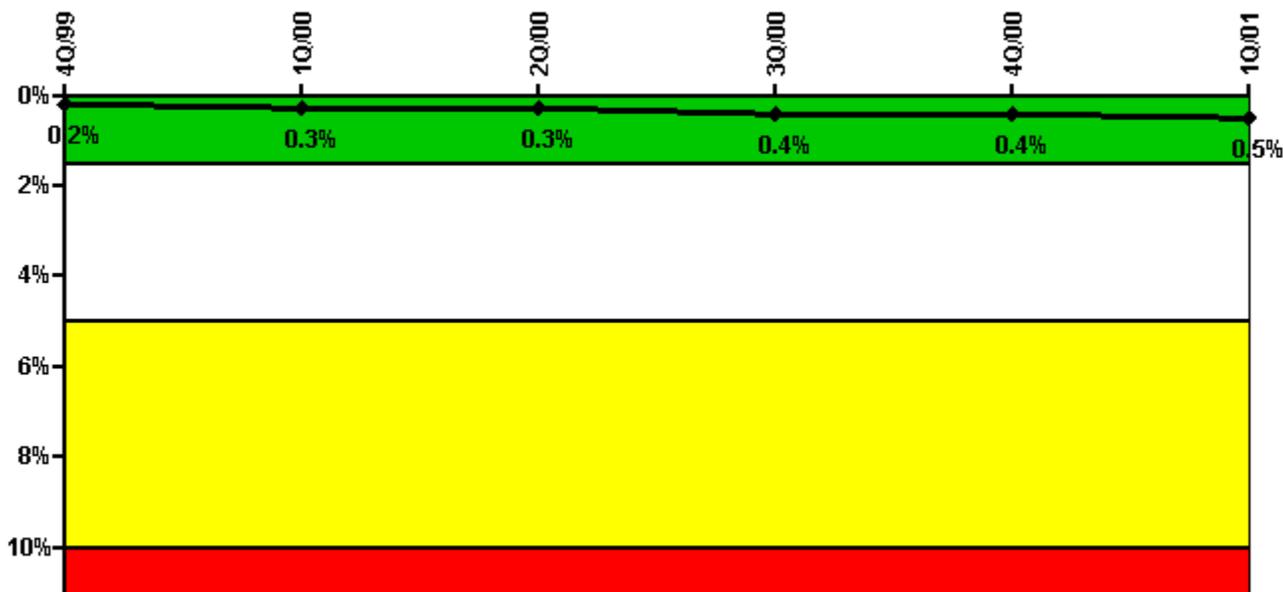
### Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
<b>Train 1</b>						
Planned unavailable hours	9.88	9.92	2.97	13.20	3.78	1.90
Unplanned unavailable hours	0	0	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	1112.07
<b>Train 2</b>						
Planned unavailable hours	3.95	11.45	9.69	6.52	1.98	6.10
Unplanned unavailable hours	0	0	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	1112.07
<b>Train 3</b>						
Planned unavailable hours	13.47	5.96	9.47	23.00	3.75	34.79

Unplanned unavailable hours	26.03	10.28	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	1112.07
Indicator value	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



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

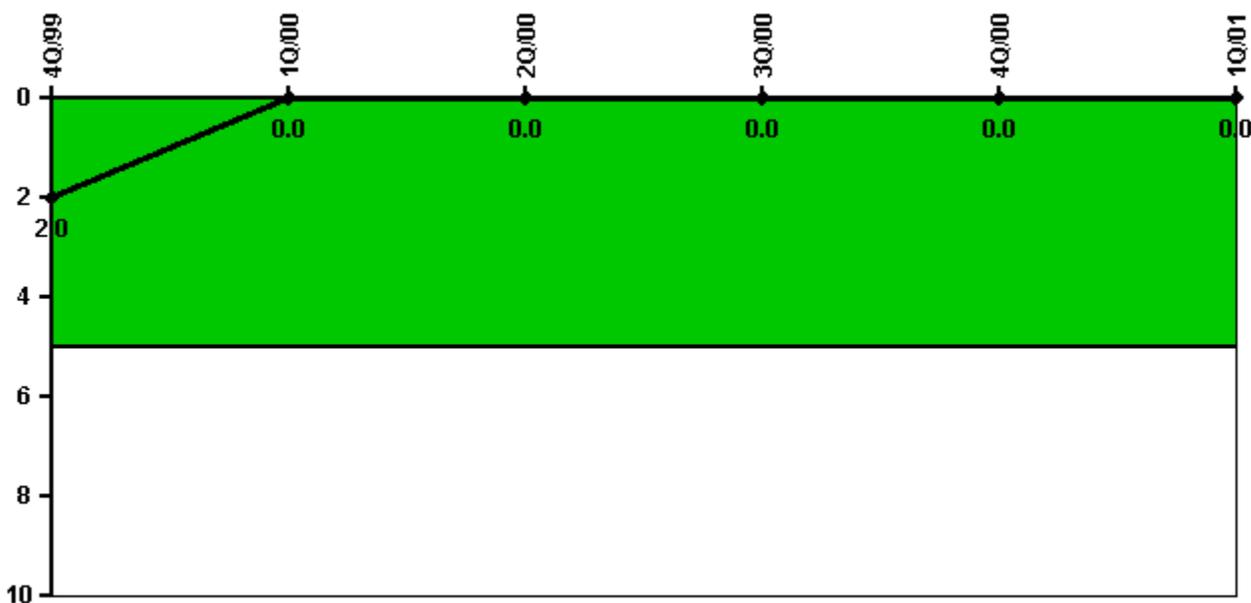
### Notes

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	23.60	9.70	0	0	0	0
Unplanned unavailable hours	0	0	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	0	0	0	1043.50
<b>Train 2</b>						
Planned unavailable hours	13.54	17.60	0	0	0	0
Unplanned unavailable hours	0	0	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	0	0	0	1043.50
<b>Train 3</b>						

Planned unavailable hours	10.30	9.08	13.33	17.19	5.83	1.20
Unplanned unavailable hours	0	0	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	1182.70
<b>Train 4</b>						
Planned unavailable hours	17.40	3.70	7.47	31.62	6.02	8.14
Unplanned unavailable hours	0	0	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	1182.70
<b>Indicator value</b>	<b>0.2%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.5%</b>

Licensee Comments: none

### Safety System Functional Failures (PWR)



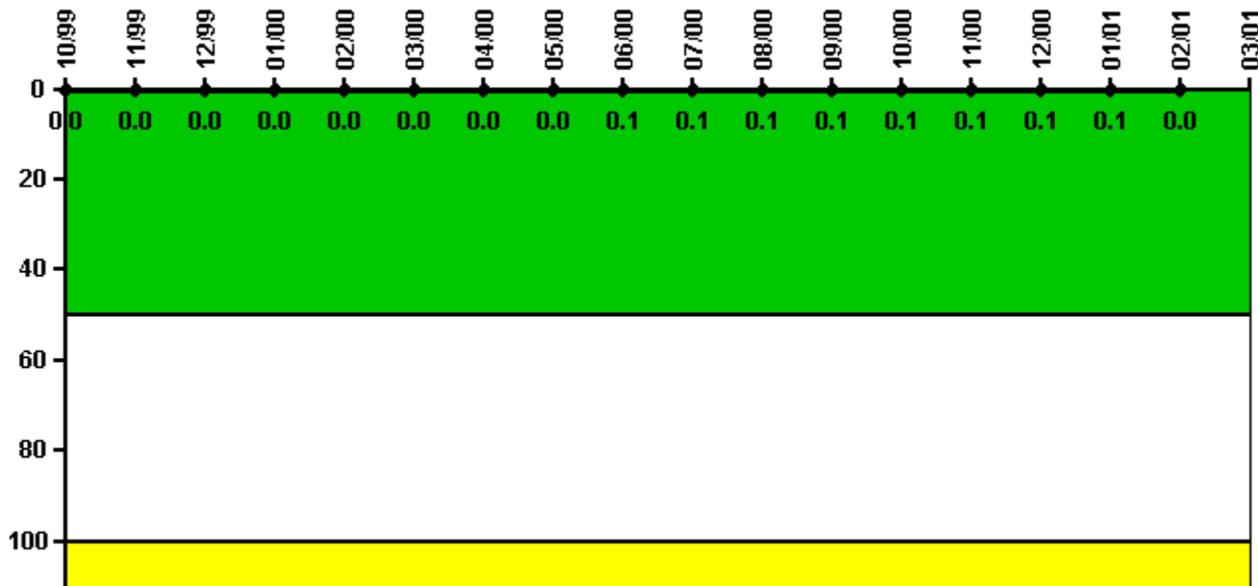
Thresholds: White > 5.0

### Notes

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

Licensee Comments: none

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

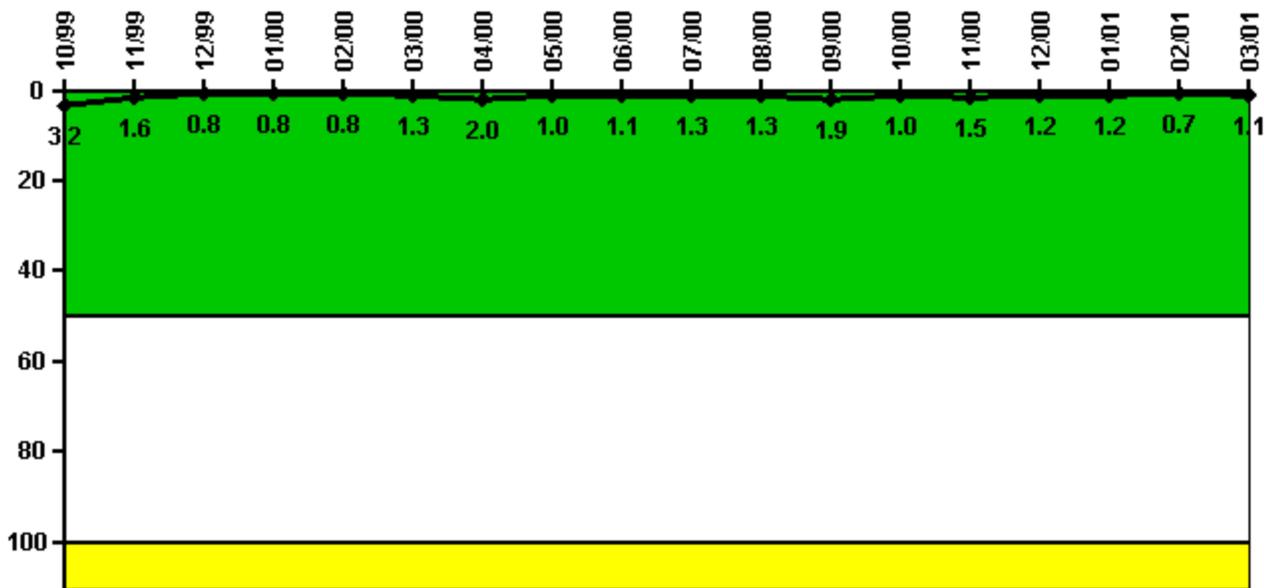
Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000335	0.000348	0.000362	0.000424	0.000442	0.000486	0.000477	0.000488	0.000505	0.000508	0.000517	0.000538
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000540	0.000543	0.000578	0.000541	0.000439	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0	N/A

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

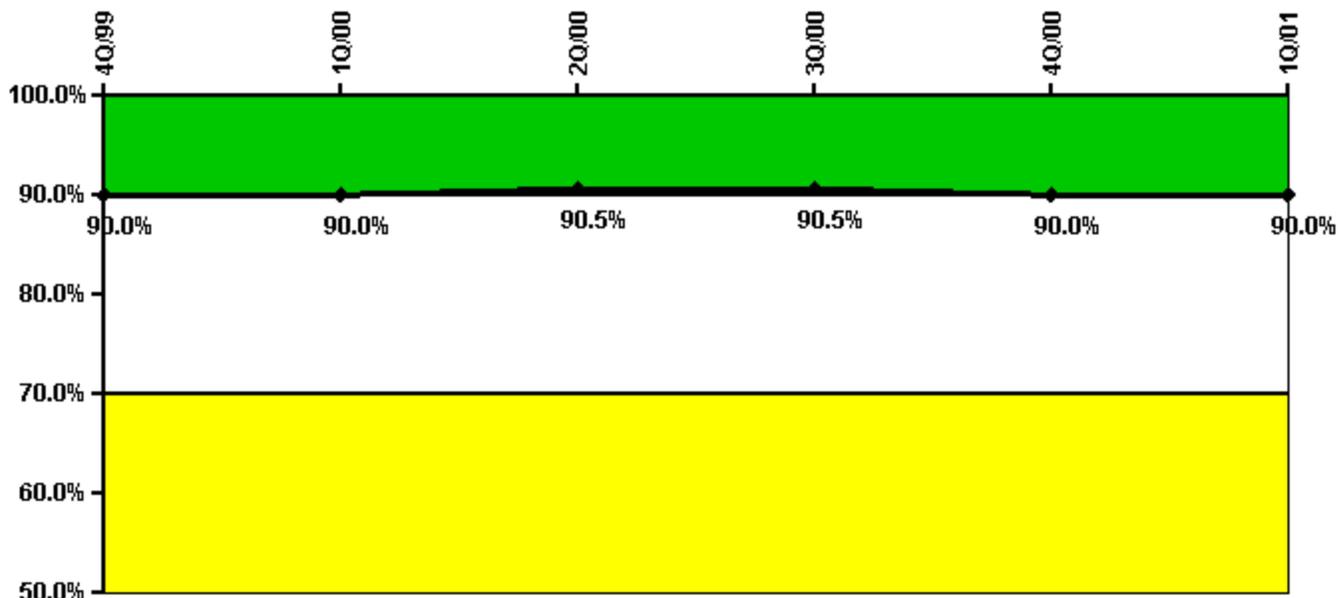
Notes

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	0.320	0.160	0.080	0.075	0.084	0.127	0.203	0.099	0.107	0.131	0.134	0.185
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	3.2	1.6	0.8	0.8	0.8	1.3	2.0	1.0	1.1	1.3	1.3	1.9

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.098	0.146	0.124	0.119	0.069	0.106
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	1.5	1.2	1.2	0.7	1.1

Licensee Comments: none

### Drill/Exercise Performance



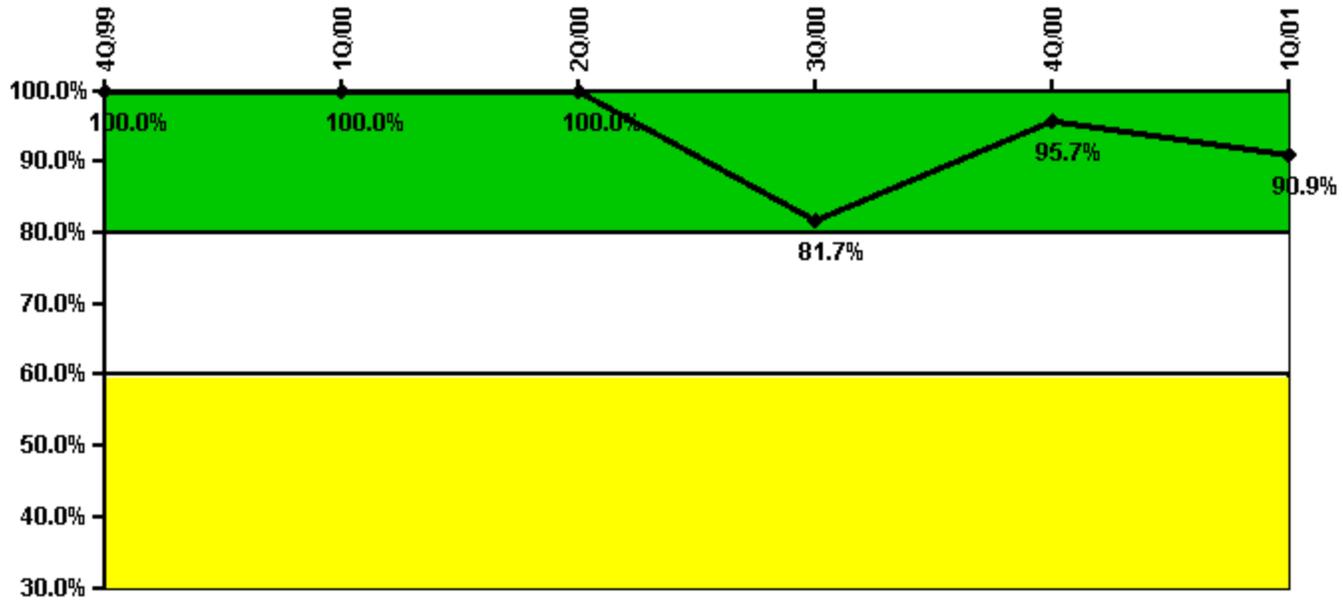
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	12.0	27.0	14.0	0	11.0	0
Total opportunities	14.0	28.0	14.0	0	12.0	0
Indicator value	90.0%	90.0%	90.5%	90.5%	90.0%	90.0%

Licensee Comments: none

### ERO Drill Participation



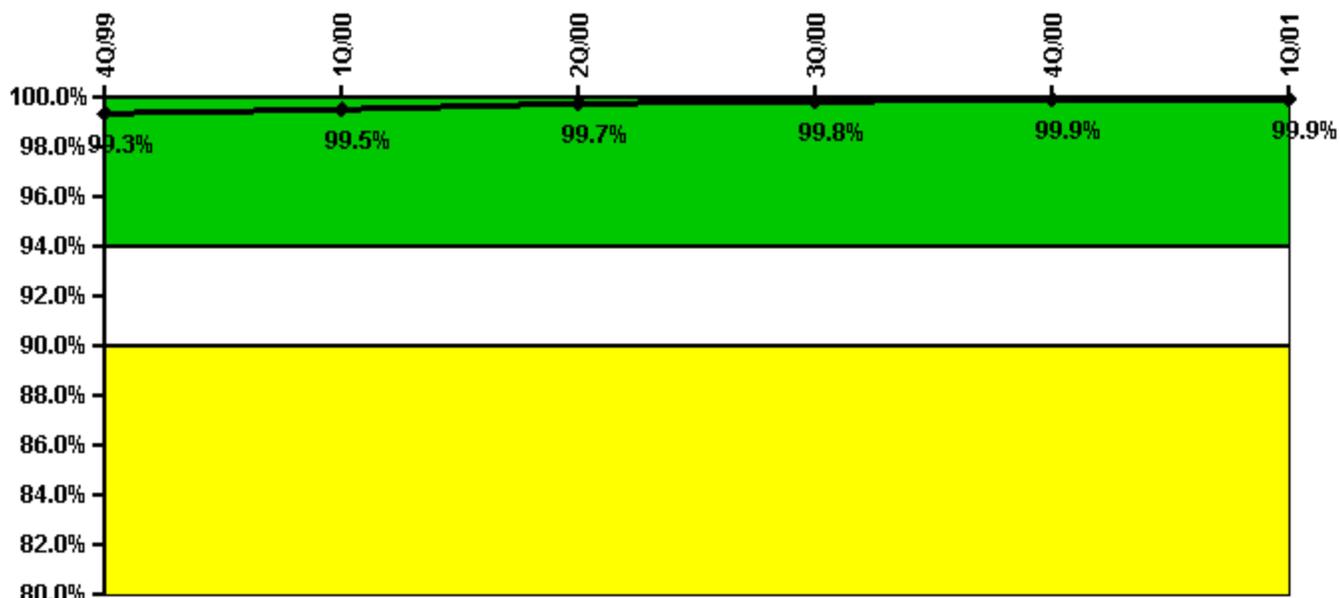
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Participating Key personnel	74.0	76.0	55.0	58.0	66.0	60.0
Total Key personnel	74.0	76.0	55.0	71.0	69.0	66.0
Indicator value	100.0%	100.0%	100.0%	81.7%	95.7%	90.9%

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	335	304	308	308	474	314
Total sirens-tests	336	306	308	308	474	316
Indicator value	99.3%	99.5%	99.7%	99.8%	99.9%	99.9%

#### Licensee Comments:

1Q/01: The reporting data was found to be inconsistent with industry norms and not reflective of all tests conducted. Previously reported siren encoder tests were removed, as were 11 sirens located outside of the plume exposure zone. The quarterly growl tests conducted in the 4th quarter, not previously reported, were added in. Adjusting the data had minimal effects on the indicator values and did not result in any threshold being crossed. Consistent with the guidance provided in NEI 99-02 the data has only been corrected back to the 1st quarter 2000.

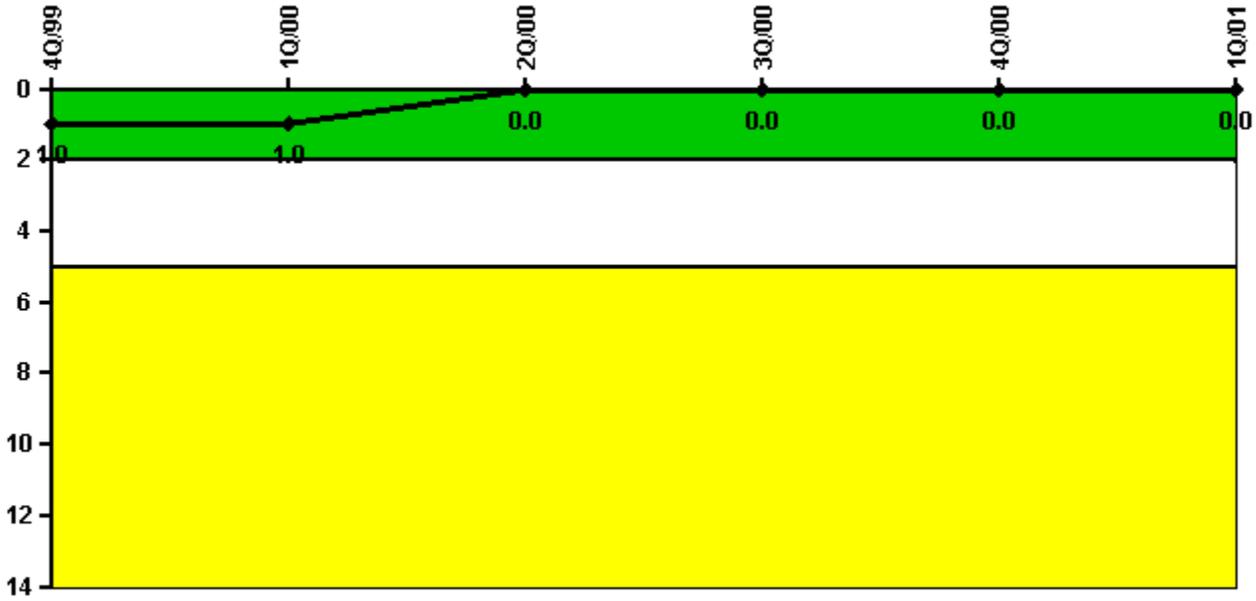
4Q/00: The reporting data was found to be inconsistent with industry norms and not reflective of all tests conducted. Previously reported siren encoder tests were removed, as were 11 sirens located outside of the plume exposure zone. The quarterly growl tests conducted in the 4th quarter, not previously reported, were added in. Adjusting the data had minimal effects on the indicator values and did not result in any threshold being crossed. Consistent with the guidance provided in NEI 99-02 the data has only been corrected back to the 1st quarter 2000.

3Q/00: The reporting data was found to be inconsistent with industry norms and not reflective of all tests conducted. Previously reported siren encoder tests were removed, as were 11 sirens located outside of the plume exposure zone. The quarterly growl tests conducted in the 4th quarter, not previously reported, were added in. Adjusting the data had minimal effects on the indicator values and did not result in any threshold being crossed. Consistent with the guidance provided in NEI 99-02 the data has only been corrected back to the 1st quarter 2000.

2Q/00: The reporting data was found to be inconsistent with industry norms and not reflective of all tests conducted. Previously reported siren encoder tests were removed, as were 11 sirens located outside of the plume exposure zone. The quarterly growl tests conducted in the 4th quarter, not previously reported, were added in. Adjusting the data had minimal effects on the indicator values and did not result in any threshold being crossed. Consistent with the guidance provided in NEI 99-02 the data has only been corrected back to the 1st quarter 2000.

1Q/00: The reporting data was found to be inconsistent with industry norms and not reflective of all tests conducted. Previously reported siren encoder tests were removed, as were 11 sirens located outside of the plume exposure zone. The quarterly growl tests conducted in the 4th quarter, not previously reported, were added in. Adjusting the data had minimal effects on the indicator values and did not result in any threshold being crossed. Consistent with the guidance provided in NEI 99-02 the data has only been corrected back to the 1st quarter 2000.

### 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>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



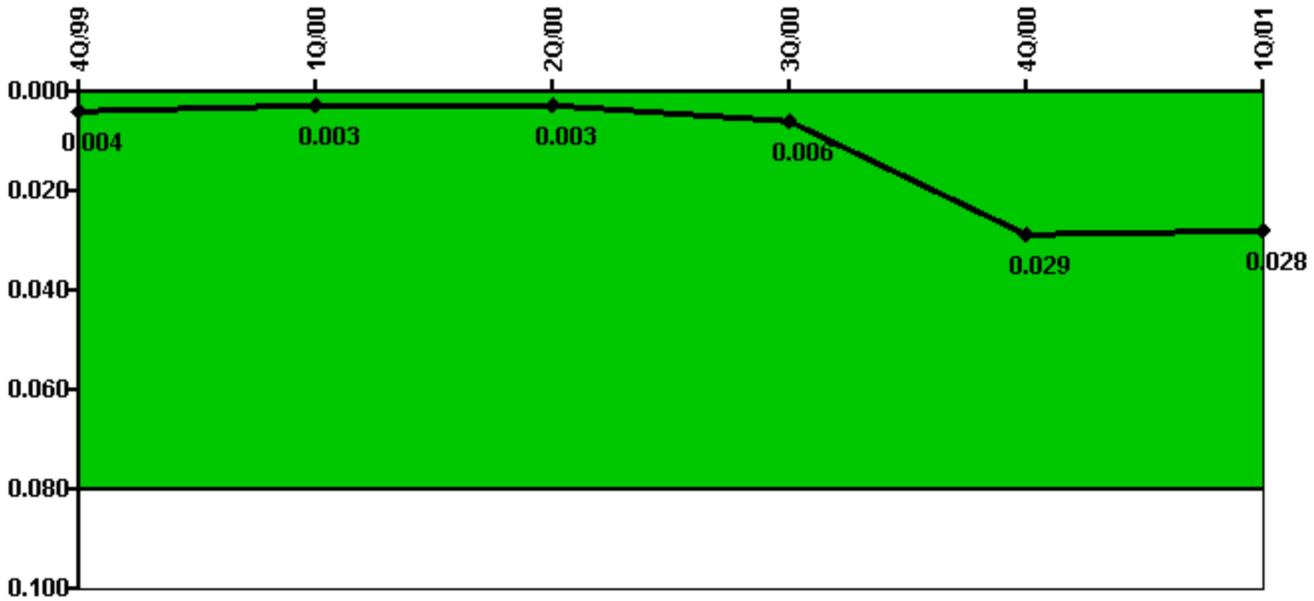
Thresholds: White > 1.0 Yellow > 3.0

#### 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



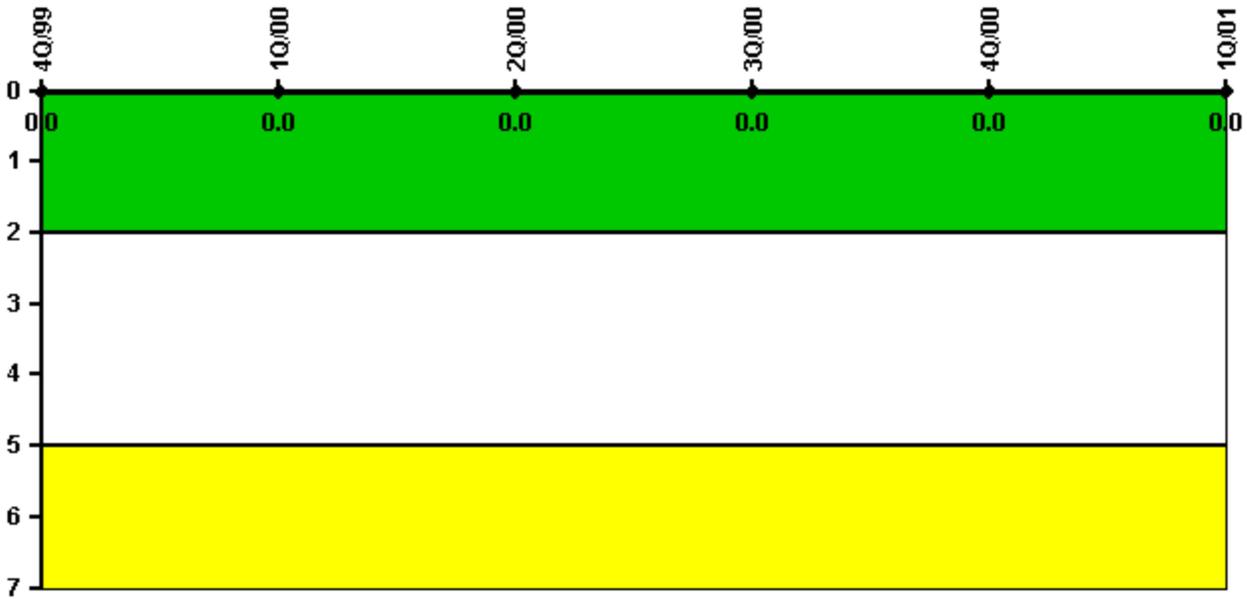
Thresholds: White > 0.080

#### Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
IDS compensatory hours	17.70	29.10	15.10	134.00	1037.00	0
CCTV compensatory hours	0.5	0	29.1	12.9	0	10.5
IDS normalization factor	2.55	2.55	2.50	2.50	2.50	2.50
CCTV normalization factor	2.1	2.1	2.1	2.1	2.1	2.1
<b>Index Value</b>	<b>0.004</b>	<b>0.003</b>	<b>0.003</b>	<b>0.006</b>	<b>0.029</b>	<b>0.028</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