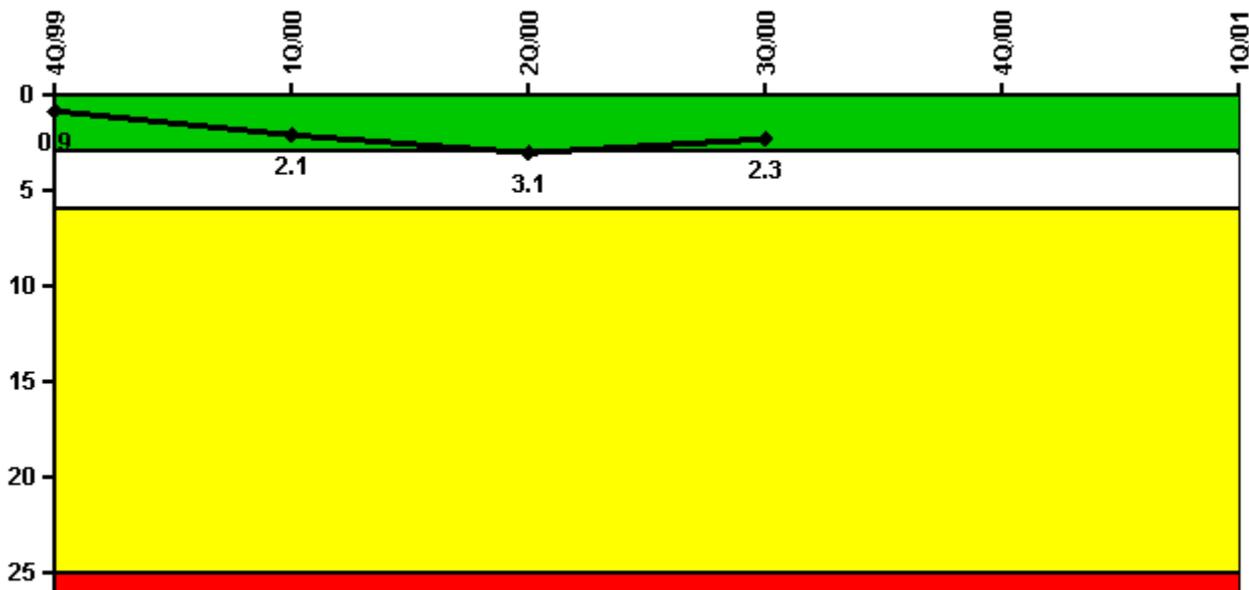


### Indian Point 2

#### 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

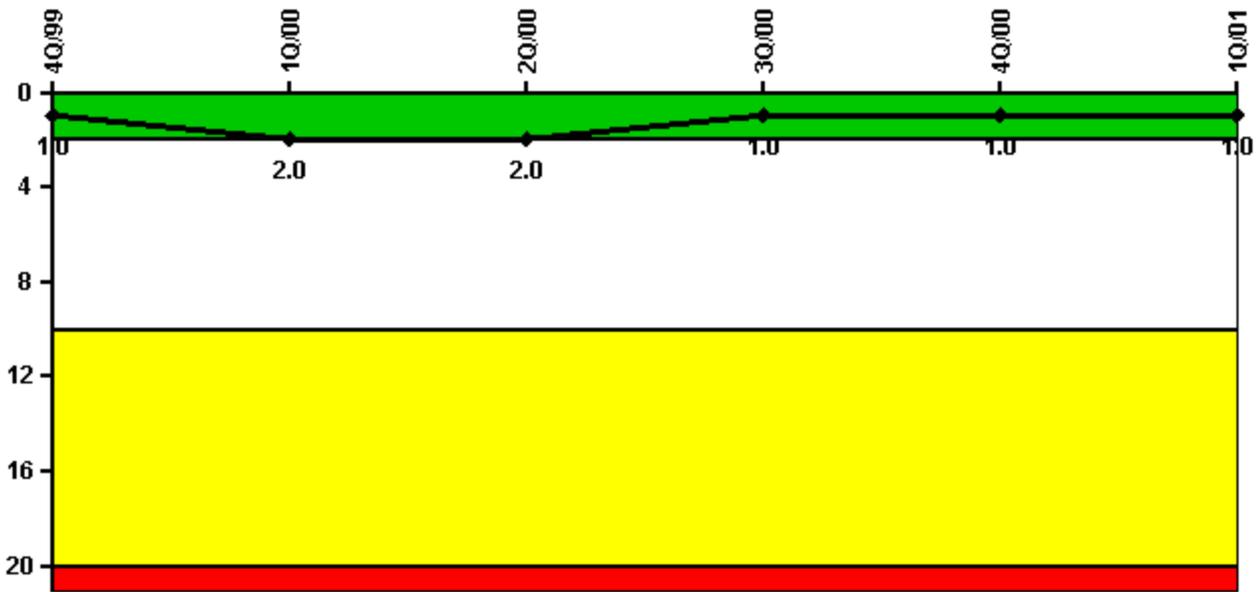
#### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned scrams	0	1.0	0	0	0	0
Critical hours	1902.0	1099.5	0	0	44.2	2160.0
<b>Indicator value</b>	<b>0.9</b>	<b>2.1</b>	<b>3.1</b>	<b>2.3</b>	<b>N/A</b>	<b>N/A</b>

Licensee Comments:

1Q/01: If there are fewer than 2,400 critical hours in the previous four quarters the indicator value is computed as N/A.

### Scrams with Loss of Normal Heat Removal



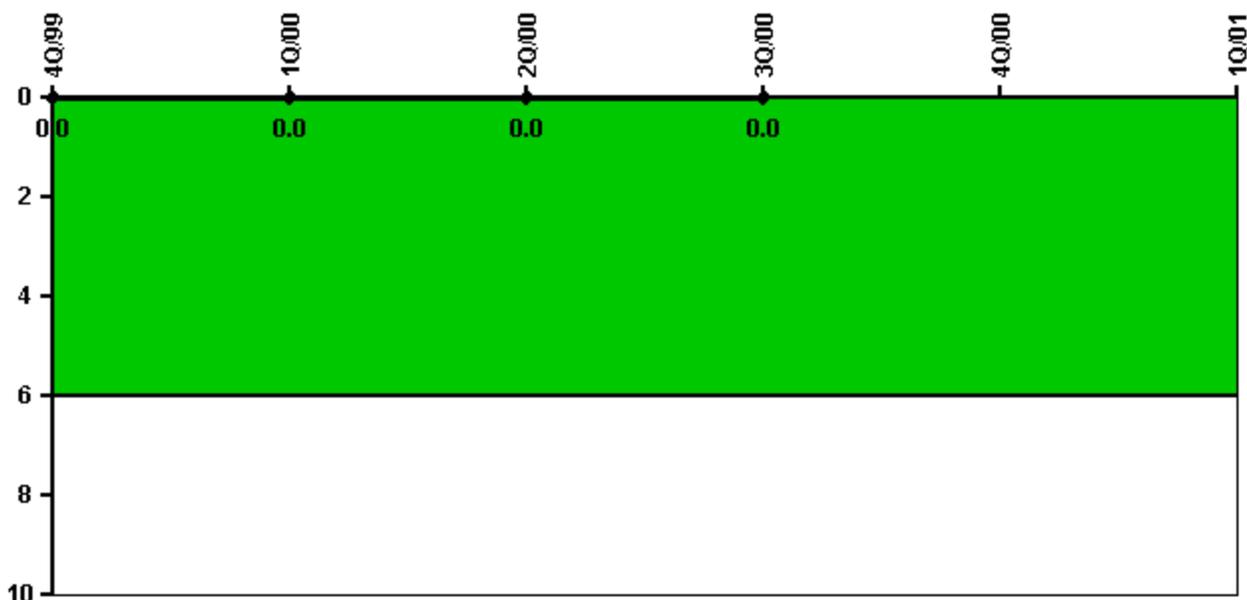
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Scrams	0	1.0	0	0	0	0
Indicator value	1.0	2.0	2.0	1.0	1.0	1.0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

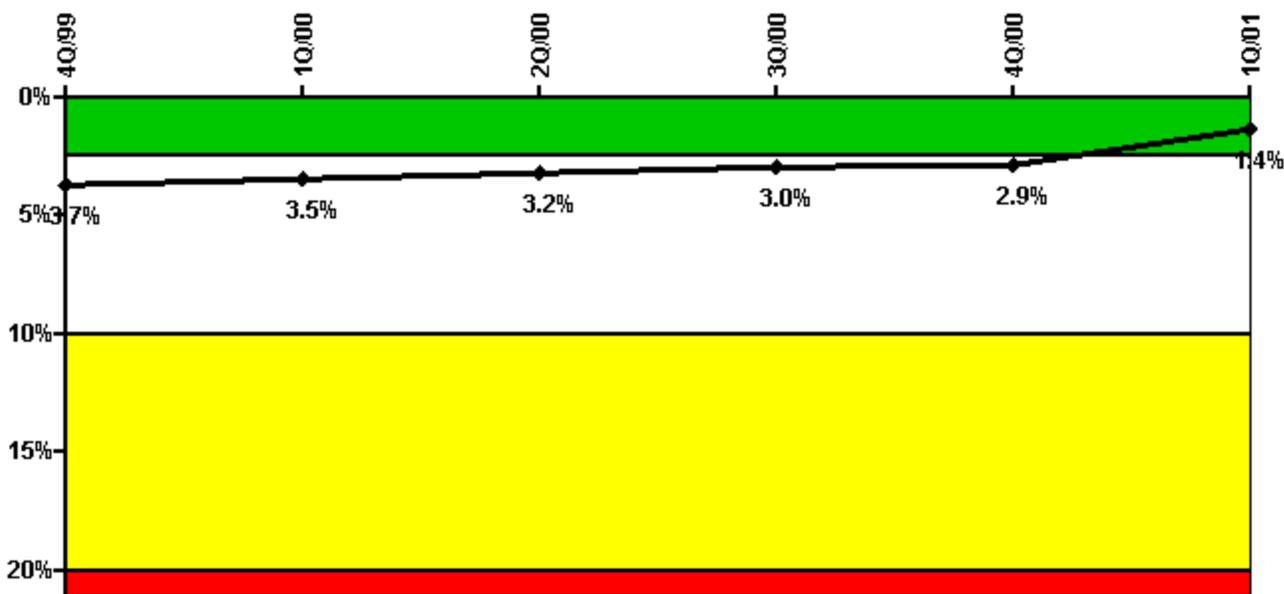
#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	0	0	0	0	0	2.0
Critical hours	1902.0	1099.5	0	0	44.2	2160.0
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>N/A</b>	<b>N/A</b>

Licensee Comments:

1Q/01: If there are fewer than 2,400 critical hours in the previous four quarters the indicator value is computed as N/A.

### 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	52.85	2.12	0	0	0	7.30
Unplanned unavailable hours	38.47	0	0	0	0	0.80
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2208.00	2184.00	2184.00	2208.00	2208.00	2160.00
<b>Train 2</b>						
Planned unavailable hours	7.84	51.14	0	0	0	125.87
Unplanned unavailable hours	0	0	0	0	0	0.63
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2208.00	2184.00	2184.00	2208.00	2208.00	2160.00
<b>Train 3</b>						
Planned unavailable hours	34.25	3.81	0	0	0	81.62
Unplanned unavailable hours	0	0	0	0	0	0.88
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	1443.93
Required hours	2208.00	2184.00	2184.00	2208.00	2208.00	2160.00
<b>Indicator value</b>	<b>3.7%</b>	<b>3.5%</b>	<b>3.2%</b>	<b>3.0%</b>	<b>2.9%</b>	<b>1.4%</b>

#### Licensee Comments:

1Q/01: Third Quarter 1999 fault exposure hours were removed based on NRC supplemental inspection, completed in Inspection Report 2001-002. This changed the indicator band from white to green.

1Q/01: Third Quarter 1999 fault exposure hours were removed based on NRC supplemental inspection, completed in Inspection Report 2001-002.

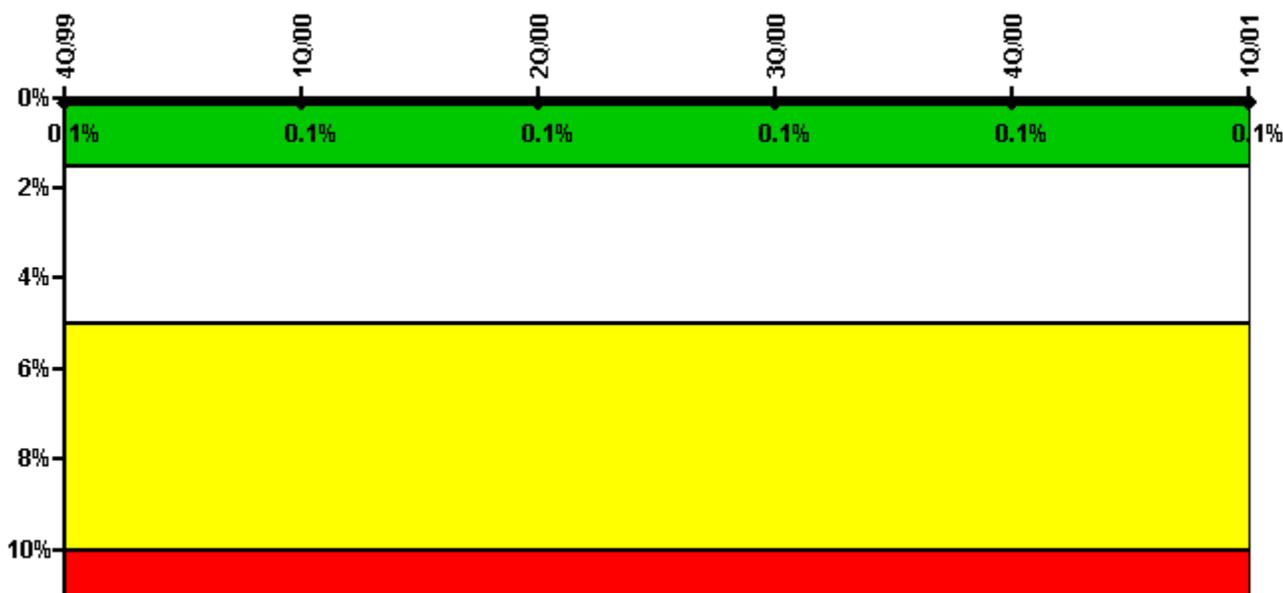
3Q/99: Fault Exposure Hours Reset per NEI, "Supplemental Guidance for Fault Exposure Hour Reset", December 6, 2001

3Q/99: Train three was revised to reflect the removal of fault exposure hours. NRC supplemental inspection completed in Inspection Report 2001-002. All corrective actions have been completed.

Effective Reset Comments:

1Q/01: Fault Exposure Hours Reset per NEI, "Supplemental Guidance for Fault Exposure Hour Reset," December 6, 2001.

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



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

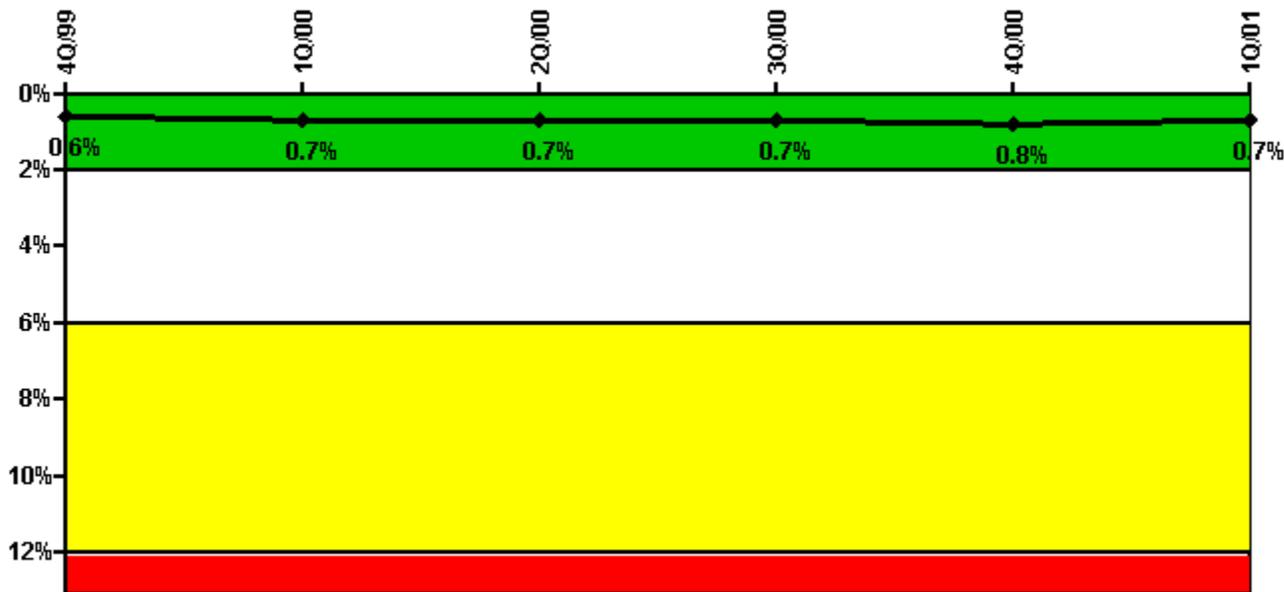
### Notes

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	0	3.60	0	0	0	1.00
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	1902.00	1099.50	0	0	44.17	2160.00
<b>Train 2</b>						
Planned unavailable hours	3.50	0	0	0	0	6.00
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	1902.00	1099.50	0	0	44.17	2160.00
<b>Train 3</b>						
Planned unavailable hours	0	0	0	0	0	4.00
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	1902.00	1099.50	0	0	44.17	2160.00
Indicator value	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Licensee Comments: none

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



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

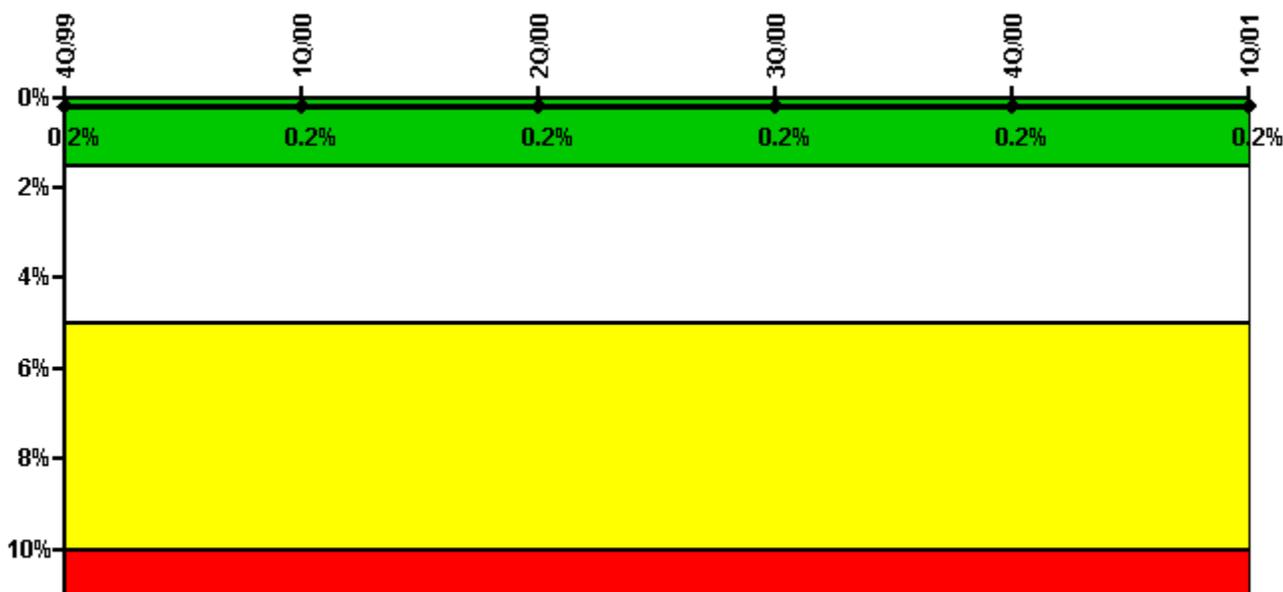
### Notes

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	1.00	0	0	0	0	5.00
Unplanned unavailable hours	0	0	0	0	0	0.40
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1902.00	1099.50	0	0	44.17	2160.00
<b>Train 2</b>						
Planned unavailable hours	2.50	13.70	0	0	0	5.75
Unplanned unavailable hours	0	0.30	0	0	0	0.42
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1902.00	1099.50	0	0	44.17	2160.00
<b>Train 3</b>						
Planned unavailable hours	2.00	13.00	0	0	0	13.50

Unplanned unavailable hours	0	0	0	0	0	4.42
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1902.00	1099.50	0	0	44.17	2160.00
Indicator value	0.6%	0.7%	0.7%	0.7%	0.8%	0.7%

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	0.40	0.50	0	0	0	8.00
Unplanned unavailable hours	0	0	0	0	0	6.40
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	1163.00	957.10	2160.00
<b>Train 2</b>						
Planned unavailable hours	0.10	0.50	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	4.50
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	0	1163.00	957.10	2160.00
<b>Train 3</b>						

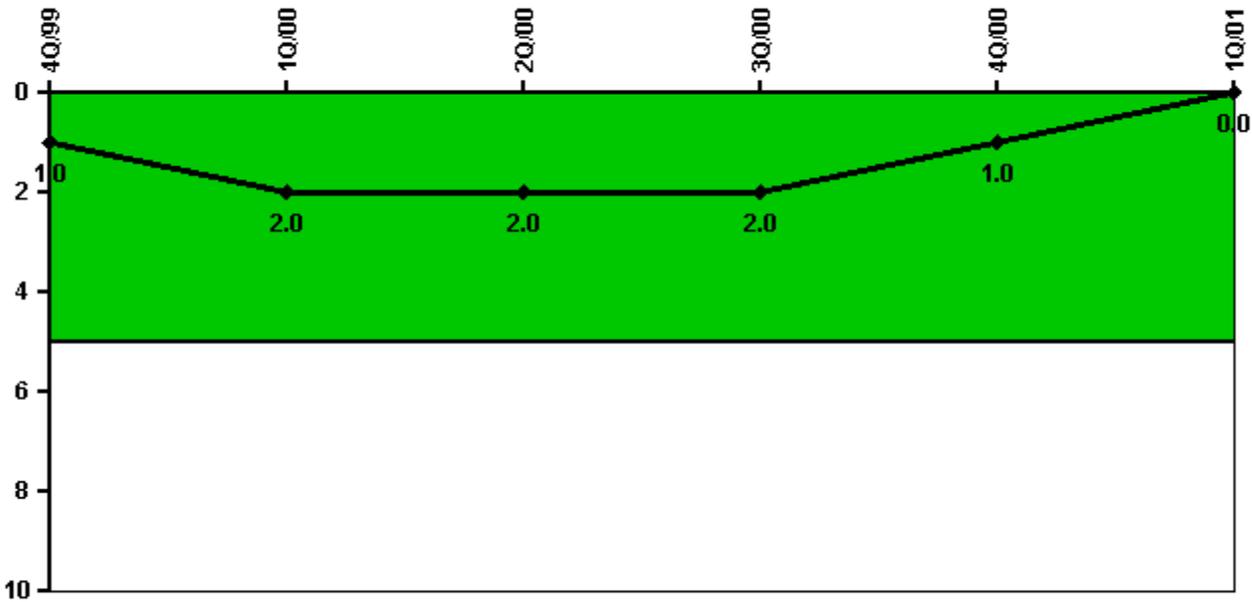
Planned unavailable hours	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	0	1163.00	957.10	2160.00
<b>Train 4</b>						
Planned unavailable hours	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	0	1163.00	957.10	2160.00
<b>Indicator value</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.2%</b>

Licensee Comments:

1Q/01: All RHR data has been revised to reflect a change from a two train system to a four train system.

2Q/00: Unit off-line for 2nd quarter.

### Safety System Functional Failures (PWR)



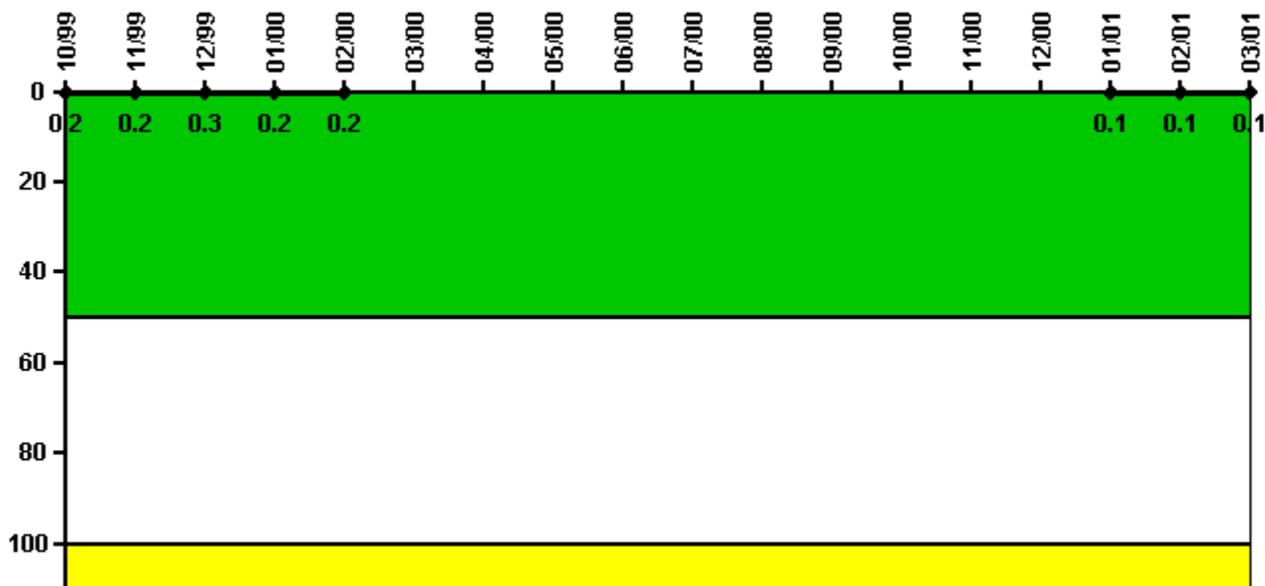
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

### Notes

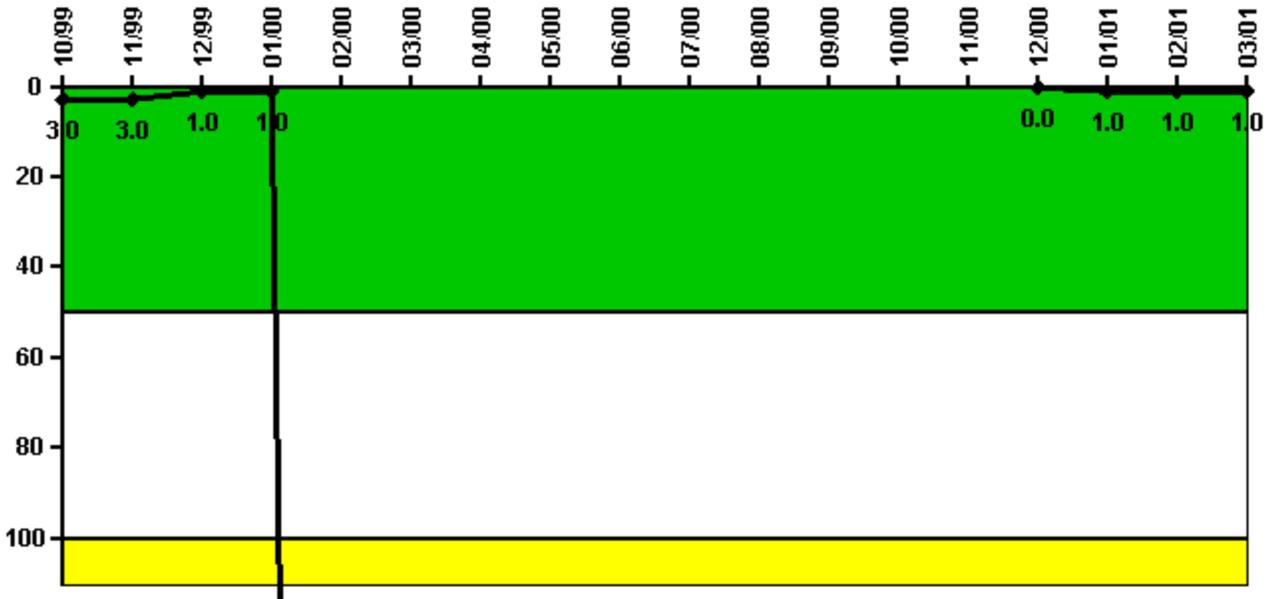
Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.002190	0.002300	0.002600	0.002390	0.002280	N/A						
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.3	0.2	0.2	N/A						

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	N/A	N/A	N/A	0.000600	0.000700	0.000800
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	N/A	0.1	0.1	0.1

Licensee Comments:

3/01: The unit returned to greater than 5% power operation during January 2001.

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

**Notes**

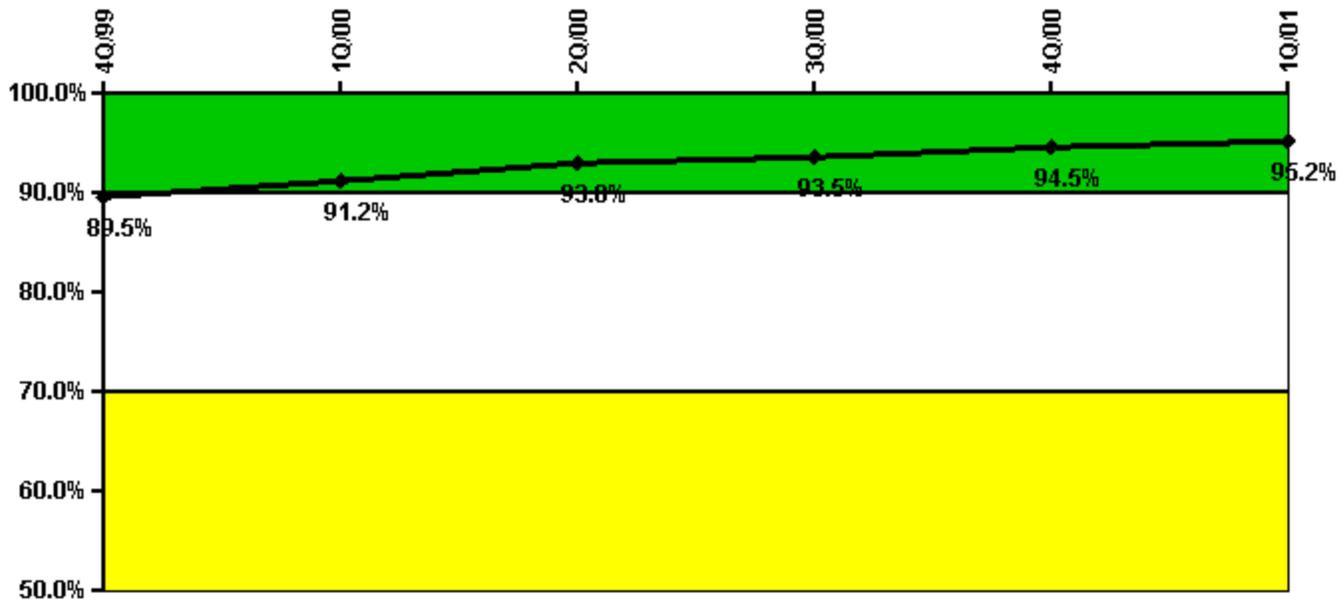
Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.300	0.300	0.100	0.100	109.000	N/A						
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.0	3.0	1.0	1.0	1090.0	N/A						

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	N/A	N/A	0	0.100	0.100	0.100
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	0	1.0	1.0	1.0

Licensee Comments:

3/01: This indicator is recorded monthly. If plant conditions do not require RCS leakage to be calculated, the report is noted as N/A.

### Drill/Exercise Performance



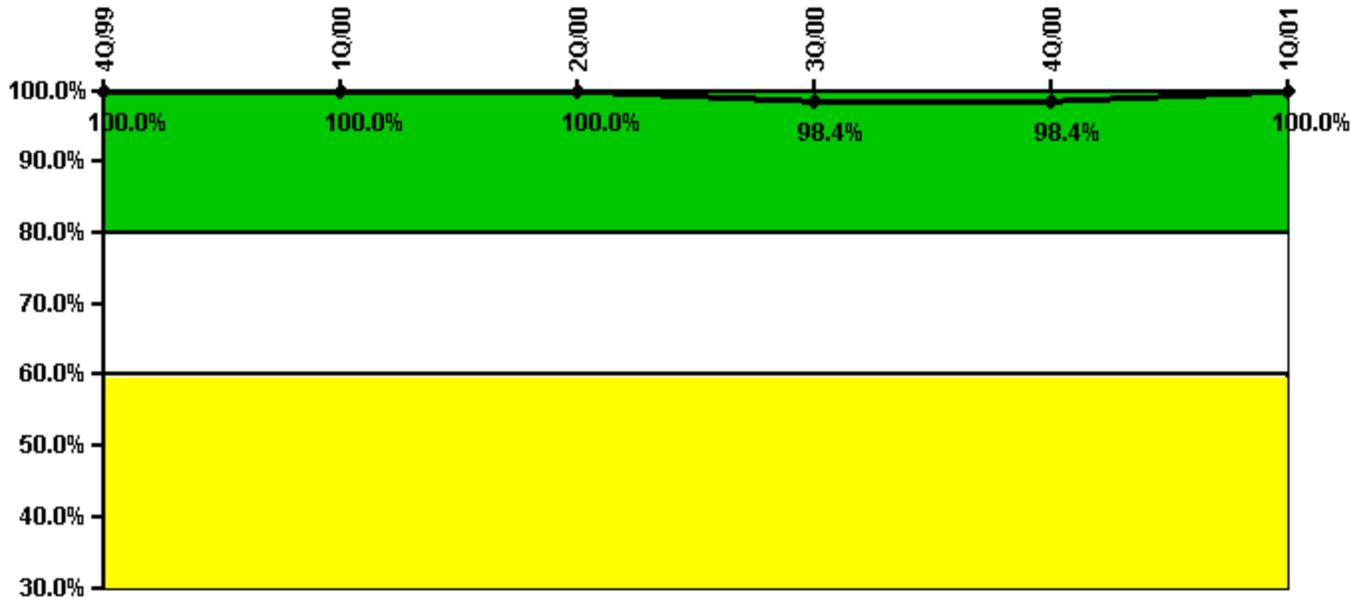
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	28.0	29.0	30.0	9.0	13.0	28.0
Total opportunities	28.0	30.0	30.0	9.0	14.0	29.0
Indicator value	89.5%	91.2%	93.0%	93.5%	94.5%	95.2%

Licensee Comments: none

### ERO Drill Participation



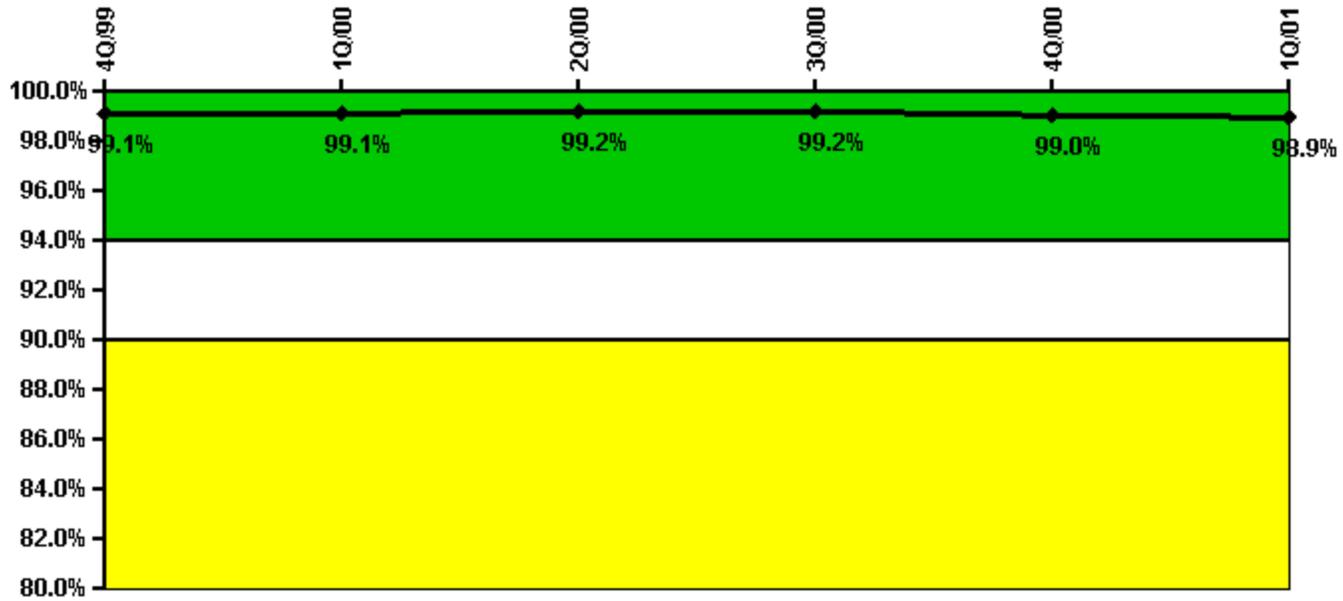
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Participating Key personnel	63.0	62.0	67.0	63.0	62.0	48.0
Total Key personnel	63.0	62.0	67.0	64.0	63.0	48.0
Indicator value	100.0%	100.0%	100.0%	98.4%	98.4%	100.0%

Licensee Comments: none

### Alert & Notification System



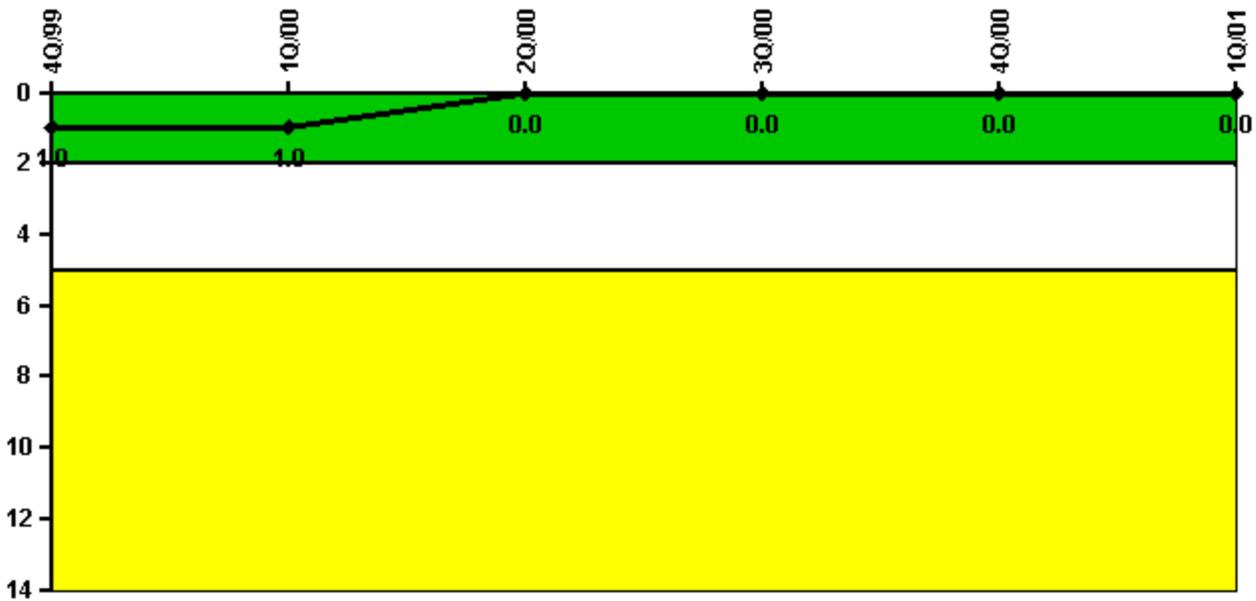
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful siren-tests	1217	920	1225	914	906	1069
Total sirens-tests	1232	924	1232	924	924	1078
Indicator value	99.1%	99.1%	99.2%	99.2%	99.0%	98.9%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



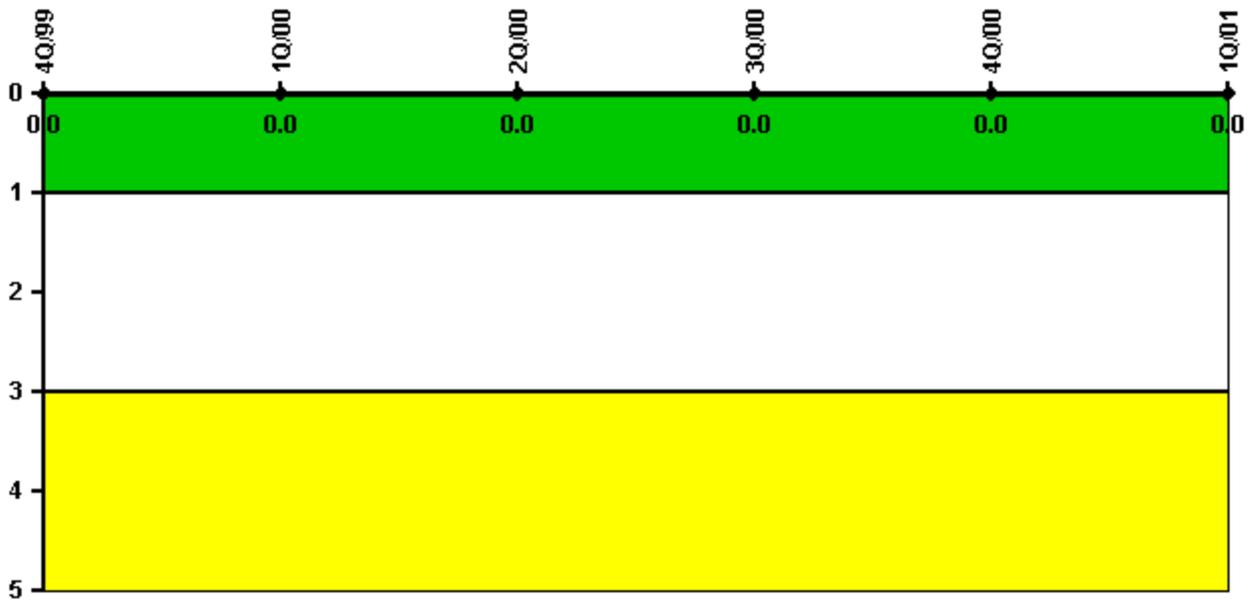
Thresholds: White > 2.0 Yellow > 5.0

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

Licensee Comments: none

### RETS/ODCM Radiological Effluent



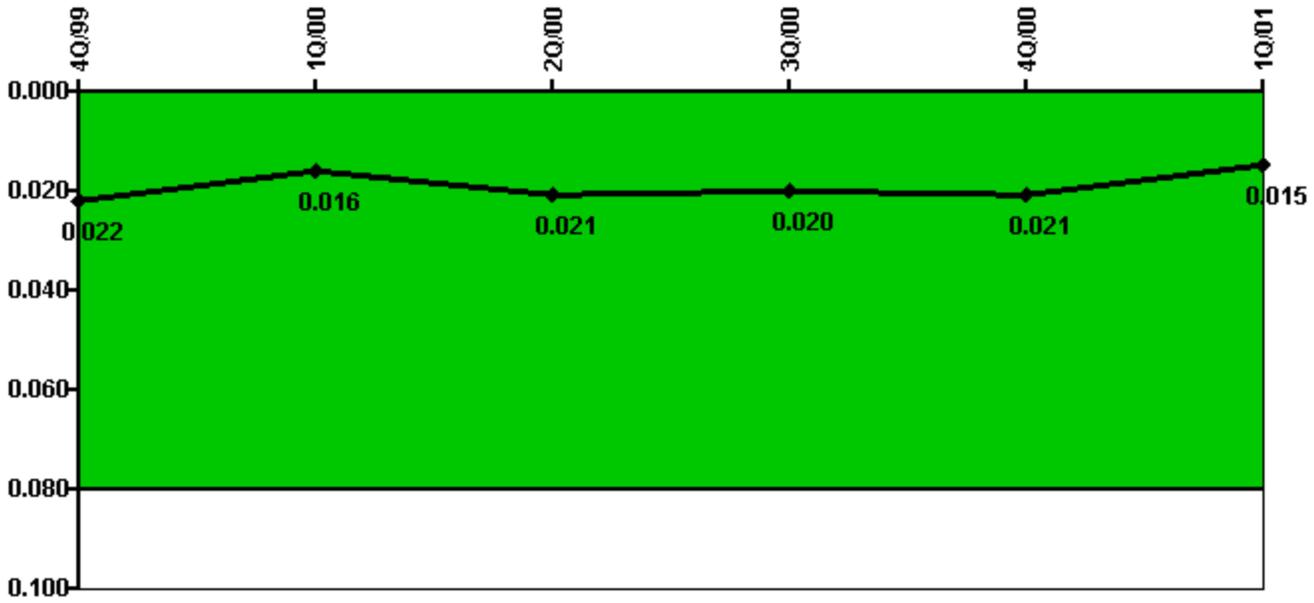
Thresholds: White > 1.0 Yellow > 3.0

#### 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



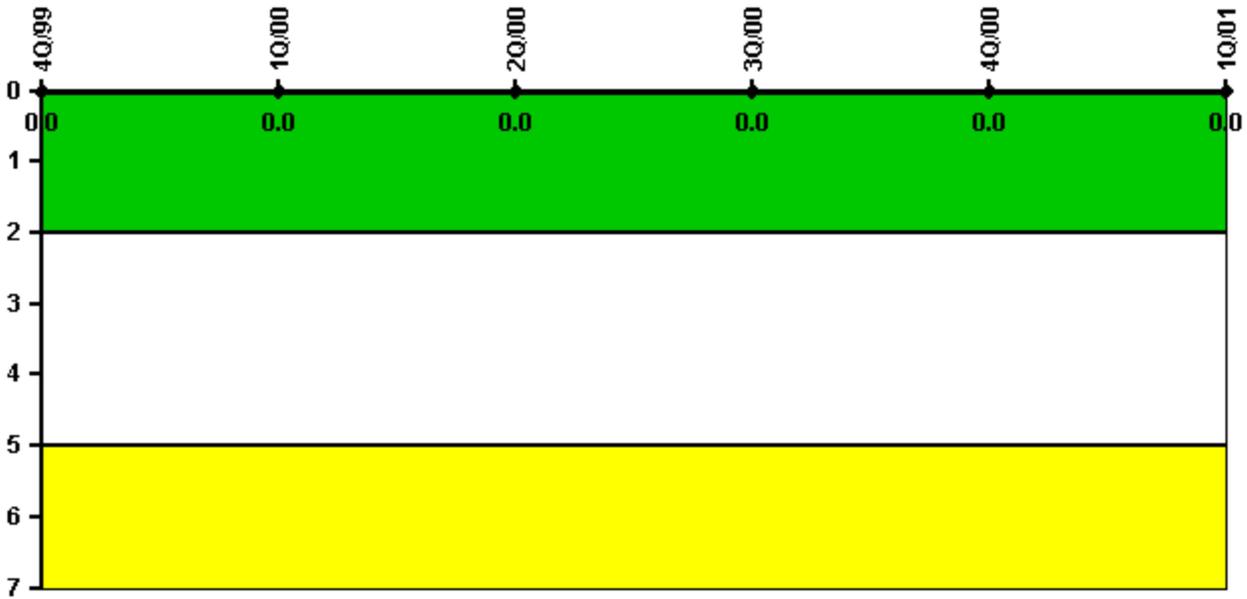
Thresholds: White > 0.080

#### Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
IDS compensatory hours	10.25	0	90.82	41.35	75.92	7.49
CCTV compensatory hours	56.5	135.7	0.6	26.7	6.3	21.0
IDS normalization factor	1.00	1.00	1.00	1.00	1.00	1.00
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1	1.1
<b>Index Value</b>	<b>0.022</b>	<b>0.016</b>	<b>0.021</b>	<b>0.020</b>	<b>0.021</b>	<b>0.015</b>

Licensee Comments: none

### Personnel Screening Program



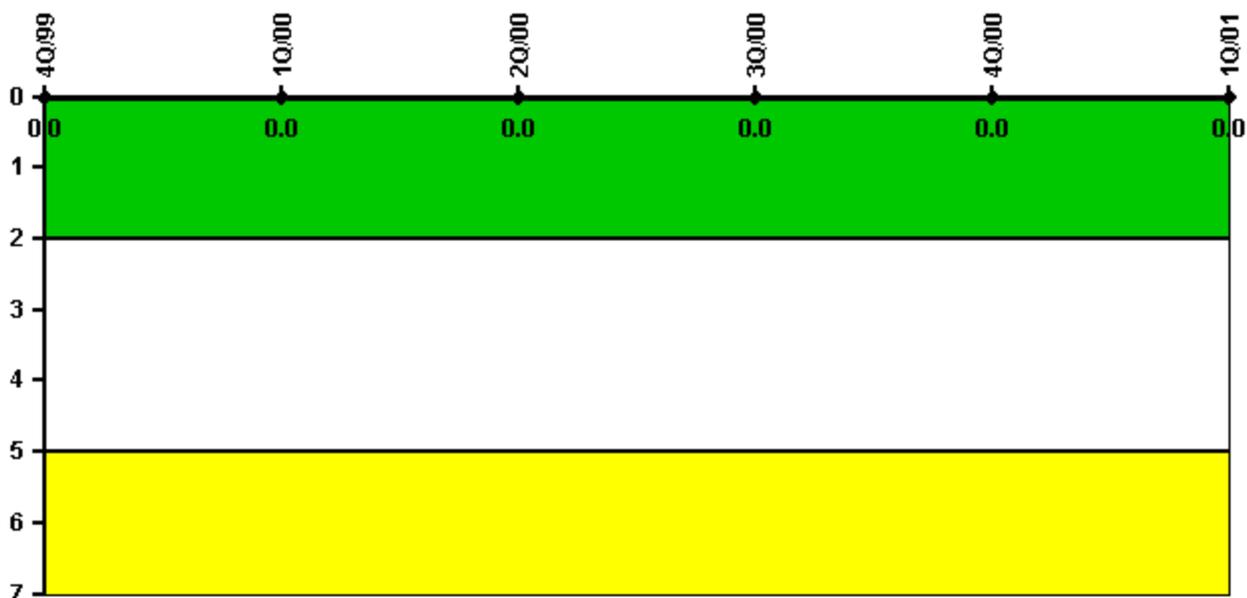
Thresholds: White > 2.0 Yellow > 5.0

#### 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