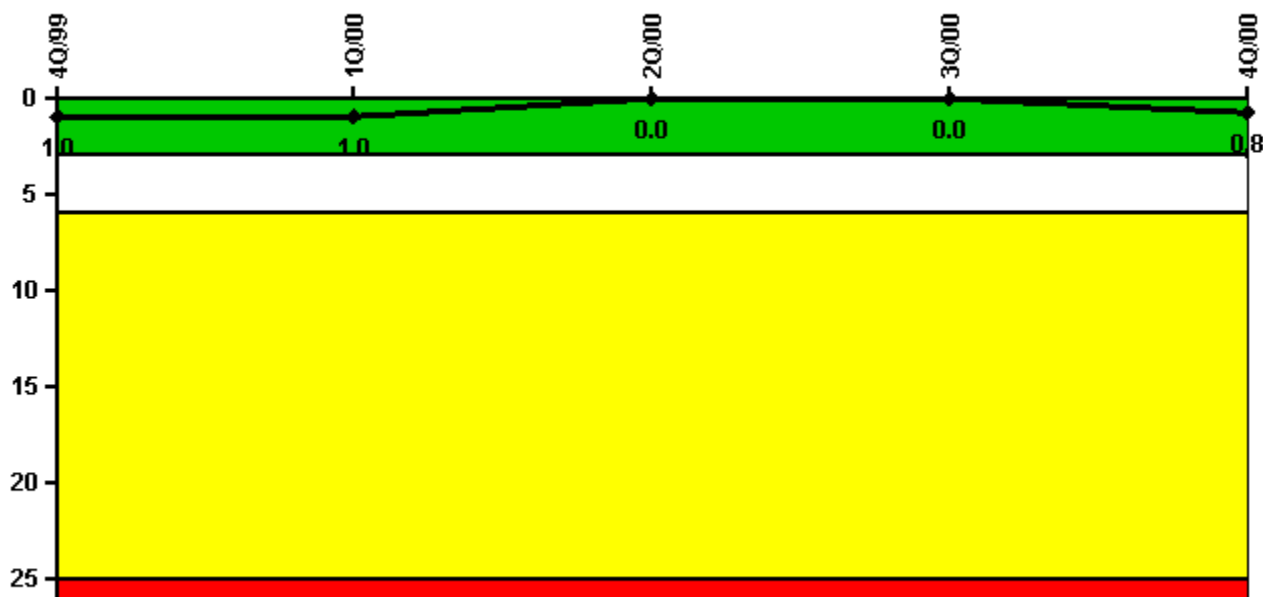


## Farley 2

### 4Q/2000 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



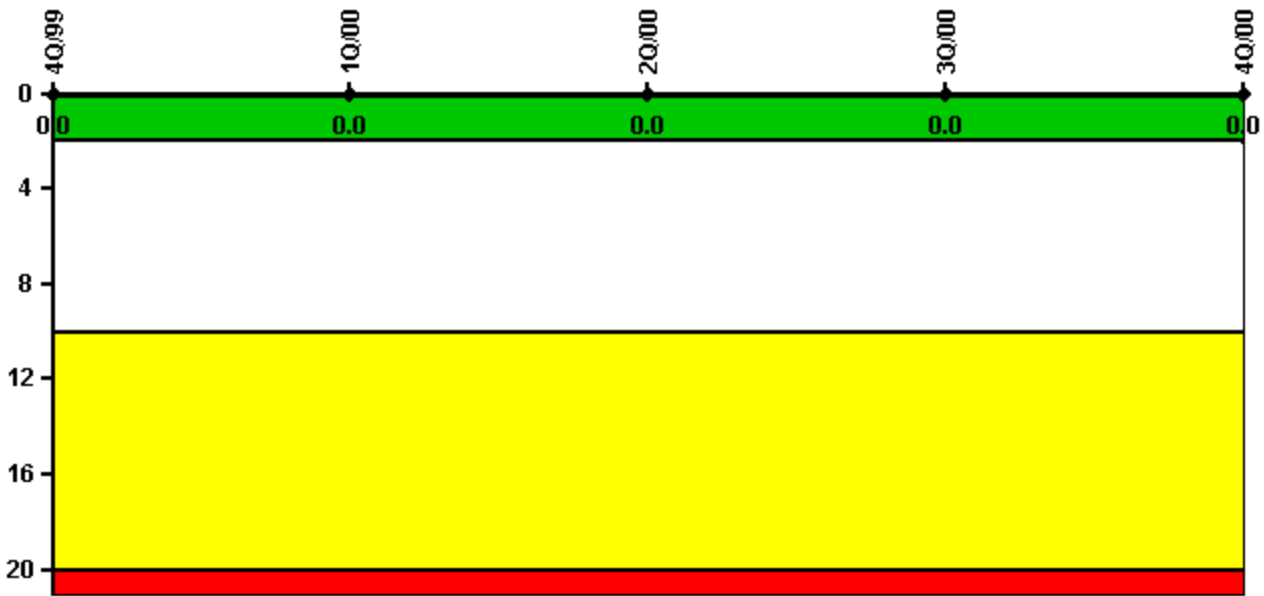
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	0	0	0	0	1.0
Critical hours	797.0	2184.0	2183.0	2208.0	2175.7
<b>Indicator value</b>	<b>1.0</b>	<b>1.0</b>	<b>0</b>	<b>0</b>	<b>0.8</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



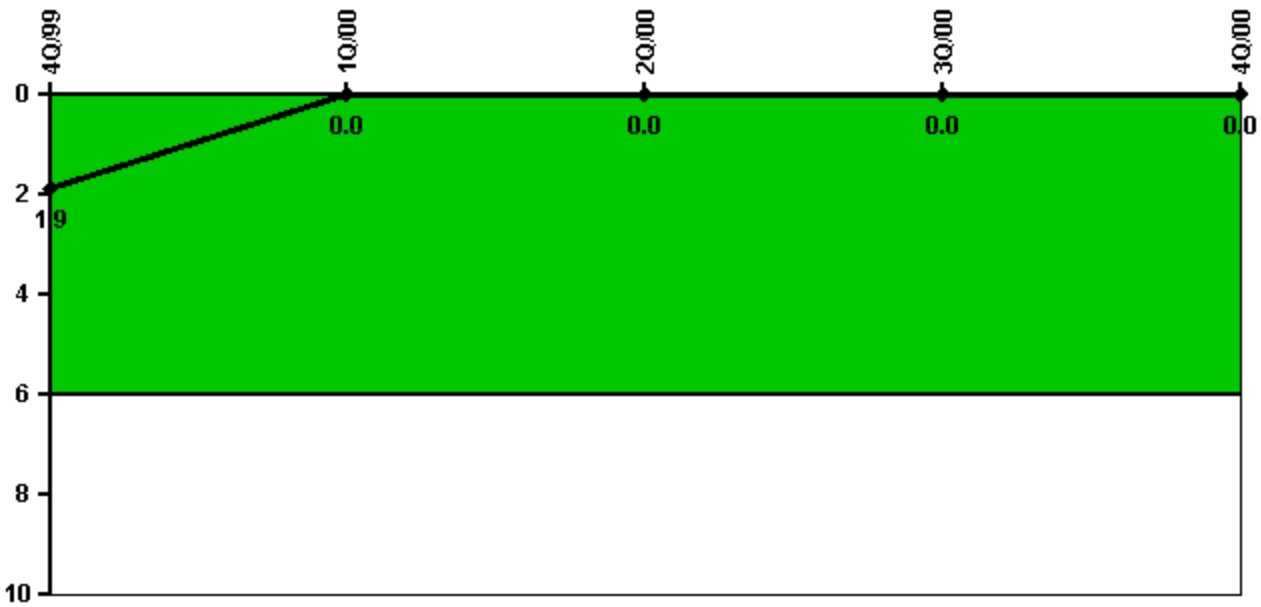
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



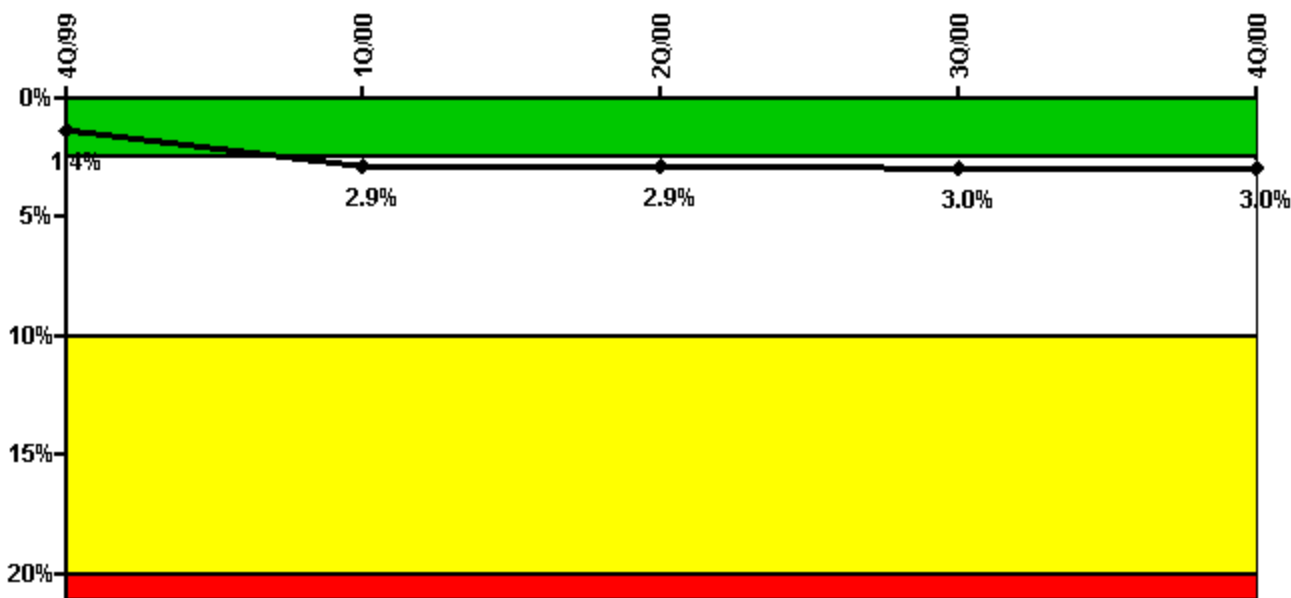
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	797.0	2184.0	2183.0	2208.0	2175.7
<b>Indicator value</b>	<b>1.9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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
<b>Train 1</b>					
Planned unavailable hours	1.00	19.60	9.60	132.50	192.90
Unplanned unavailable hours	0	6.50	0	0.60	0
Fault exposure hours	0	1038.40	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
<b>Train 2</b>					
Planned unavailable hours	0	0.30	3.40	8.00	19.00
Unplanned unavailable hours	0	58.10	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
<b>Train 3</b>					
Planned unavailable hours	4.60	101.70	3.10	0	0.70
Unplanned unavailable hours	6.90	0	7.80	13.50	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
<b>Indicator value</b>	<b>1.4%</b>	<b>2.9%</b>	<b>2.9%</b>	<b>3.0%</b>	<b>3.0%</b>

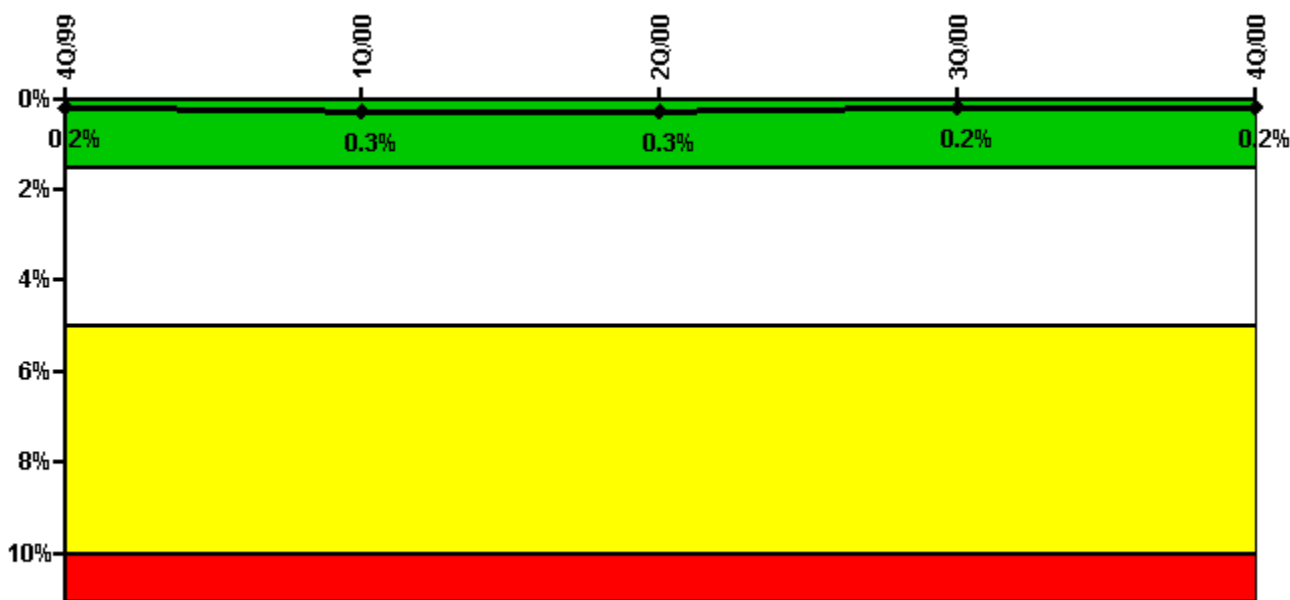
#### Licensee Comments:

4Q/00: One of 3 diesel generators unavailable (Q1 2000) due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action is not credited under this indicator. White threshold entered Q1 2000.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action is not credited under this indicator. WHITE entry.

1Q/00: One of 3 diesel generators unavailable due to lack of automatic power transfer capability. DG was operable per Technical Specifications. Reasonable operator action is not credited under this indicator. Train A Fault Exposure Hours removed with Q1 2001 report. Color returns to GREEN.

### 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
<b>Train 1</b>					
Planned unavailable hours	0	0	3.20	6.40	6.00
Unplanned unavailable hours	0	0	0	0.60	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	797.00	2184.00	2183.00	2208.00	2175.67
<b>Train 2</b>					
Planned unavailable hours	0	0.30	6.00	6.40	2.20
Unplanned unavailable hours	0	58.10	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	797.00	2184.00	2183.00	2208.00	2175.67
<b>Indicator value</b>	<b>0.2%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.2%</b>	<b>0.2%</b>

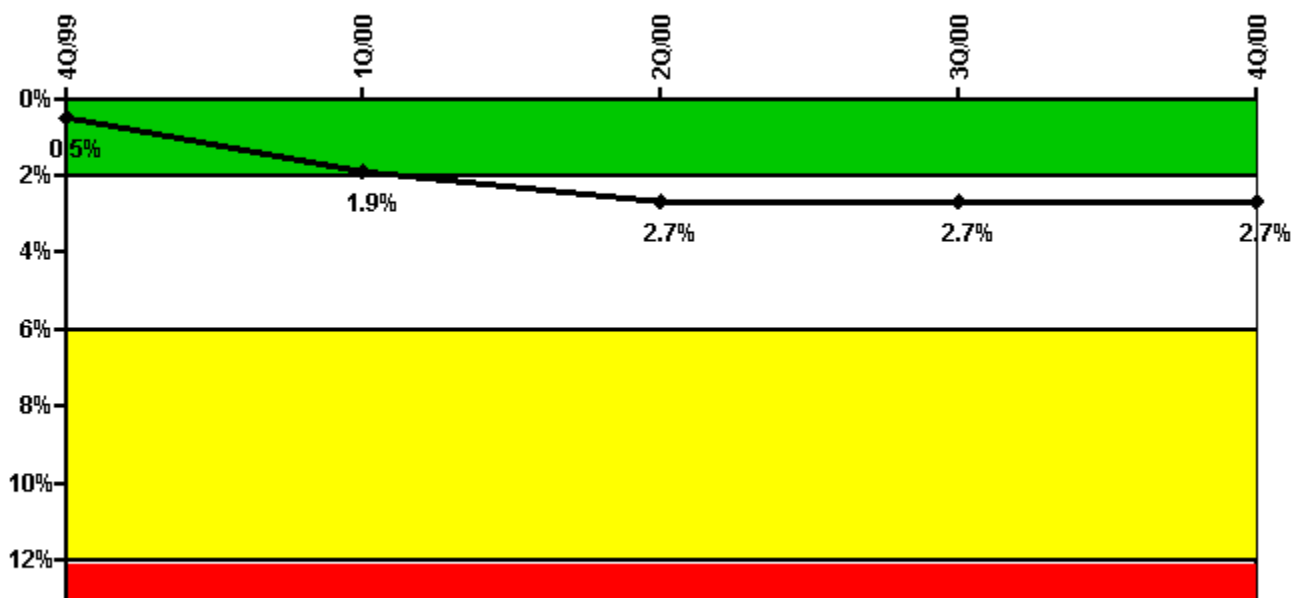
### Licensee Comments:

4Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

3Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: Minor calculation correction (0.3 hrs) made to March 2000 data. Color unaffected. Added Reactor Protection System testing hours with 1Q2001 report. Color unaffected.

### 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
<b>Train 1</b>					
Planned unavailable hours	2.30	4.40	6.50	7.10	4.30
Unplanned unavailable hours	0	11.40	0	0.60	0
Fault exposure hours	0	668.90	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	797.00	2184.00	2183.00	2208.00	2175.67
<b>Train 2</b>					
Planned unavailable hours	0.70	0.30	12.10	7.00	21.60
Unplanned unavailable hours	0	58.10	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	797.00	2184.00	2183.00	2208.00	2175.67
<b>Train 3</b>					
Planned unavailable hours	0	19.60	3.20	4.30	0.20
Unplanned unavailable hours	0	17.30	56.30	0	0
Fault exposure hours	0	234.50	515.00	0	0
Effective Reset hours	0	0	0	0	0
Required hours	797.00	2184.00	2183.00	2208.00	2175.67

Indicator value	0.5%	1.9%	2.7%	2.7%	2.7%
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## Licensee Comments:

4Q/00: WHITE threshold exceeded Q2 2000: Fault exposure due to failure of Turbine Driven Auxiliary Feedwater Pump speed control circuitry. Unplanned hours for repairs. Formal Root Cause Investigation performed.

4Q/00: WHITE threshold exceeded Q2 2000: Fault exposure due to failure of Turbine Driven Auxiliary Feedwater Pump speed control circuitry. Unplanned hours for repairs. Formal Root Cause Investigation performed. Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

3Q/00: WHITE threshold exceeded: Fault exposure due to failure of Turbine Driven Auxiliary Feedwater Pump speed control circuitry. Unplanned hours for repairs. Formal Root Cause Investigation performed. Fault exposure discovered in April results in change to first quarter 2000 data. Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: WHITE threshold exceeded: Fault exposure due to failure of Turbine Driven Auxiliary Feedwater Pump speed control circuitry. Unplanned hours for repairs. Formal Root Cause Investigation performed. Fault exposure discovered in April results in change to first quarter 2000 data. Reactor Protection System testing hours added with 1Q2001 report. Color unaffected. 126.1 hours of April Fault Exposure Hours removed with Q2 2001 report. Color unaffected.

2Q/00: WHITE threshold exceeded: Fault exposure due to failure of Turbine Driven Auxiliary Feedwater Pump speed control circuitry. Unplanned hours for repairs. Formal Root Cause Investigation performed. Fault exposure discovered in April results in change to first quarter 2000 data. Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: WHITE threshold exceeded: Fault exposure due to failure of Turbine Driven Auxiliary Feedwater Pump speed control circuitry. Unplanned hours for repairs. Formal Root Cause Investigation performed. Fault exposure discovered in April results in change to first quarter 2000 data. Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

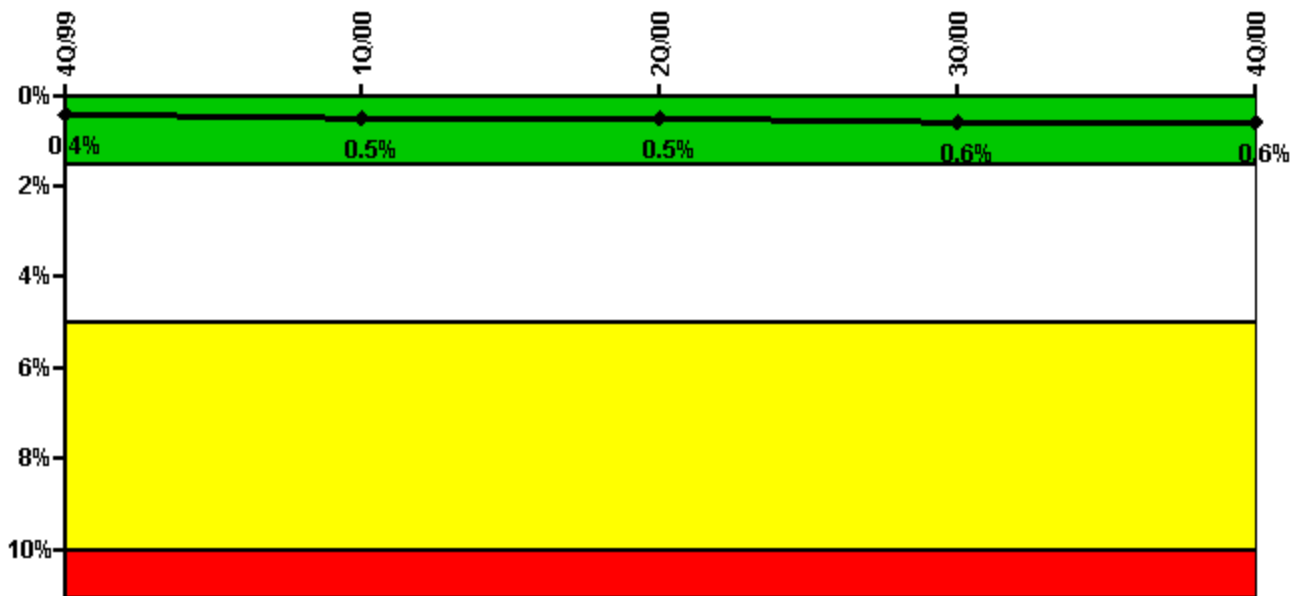
1Q/00: Train A Fault Exposure Hours removed with Q1 2001 report. Color returns to GREEN.

1Q/00:

1Q/00: Train A Fault Exposure Hours removed with Q1 2001 report. Color returns to GREEN. Train C March 2000 Fault Exposure Hours removed with Q2 2001 report.

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### 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
<b>Train 1</b>					
Planned unavailable hours	0.30	9.70	3.80	20.70	5.80
Unplanned unavailable hours	0	12.00	3.60	0.60	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
<b>Train 2</b>					
Planned unavailable hours	0.70	7.20	7.60	21.70	11.40
Unplanned unavailable hours	0	58.10	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
<b>Indicator value</b>	<b>0.4%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.6%</b>	<b>0.6%</b>

Licensee Comments:

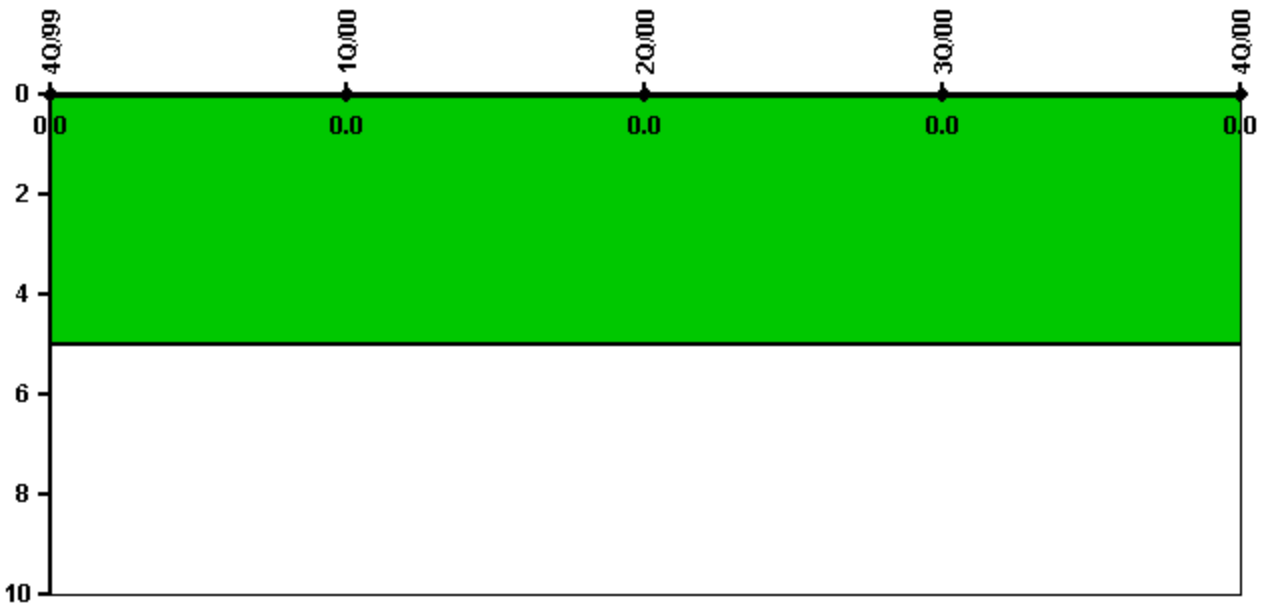
4Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected

3Q/00: Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.

2Q/00: Minor calculation correction (0.3 hrs) made to March 2000 data. Color unaffected. Minor adjustment made Q3 2000 to remove operator action credit during surveillance testing. Color unaffected. Reactor Protection System testing hours added with 1Q2001 report. Color unaffected.



### Safety System Functional Failures (PWR)



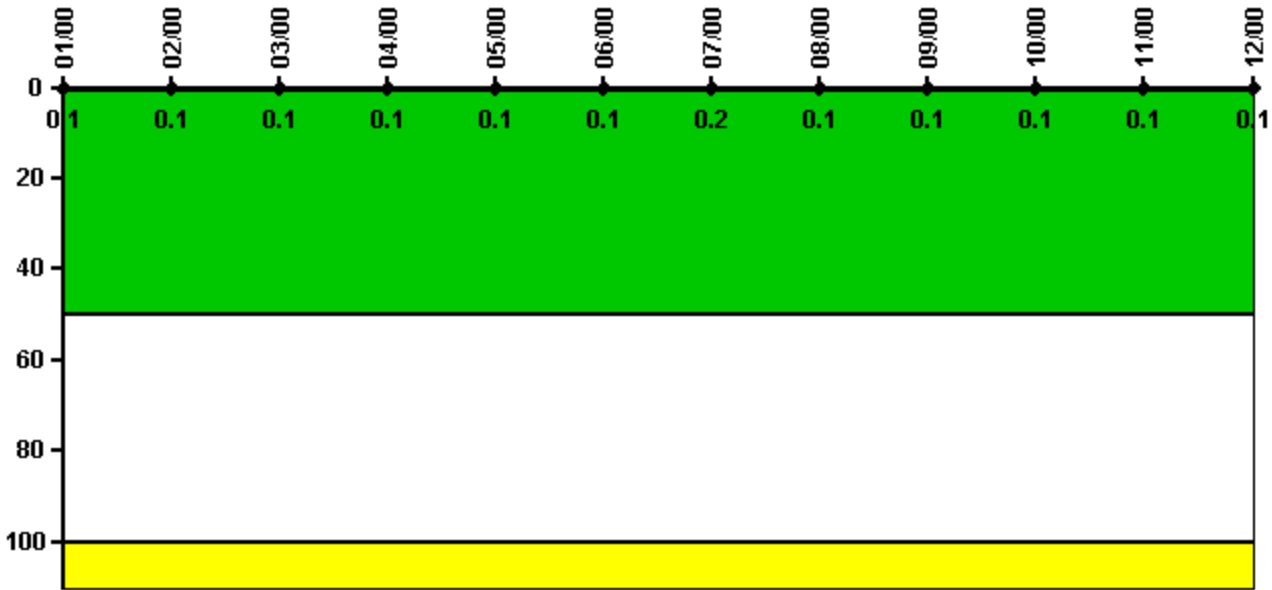
Thresholds: White > 5.0

#### Notes

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

Licensee Comments: none

### Reactor Coolant System Activity



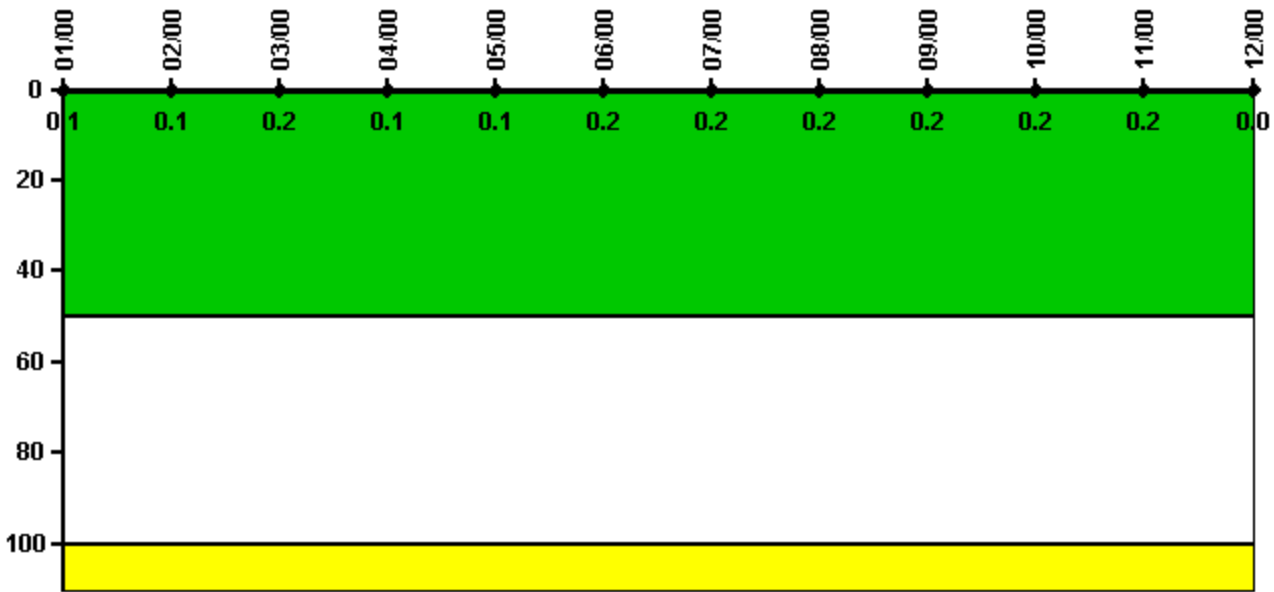
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.000397	0.000442	0.000443	0.000407	0.000440	0.000438	0.000477	0.000206	0.000237	0.000228	0.000241	0.000260
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

### Reactor Coolant System Leakage



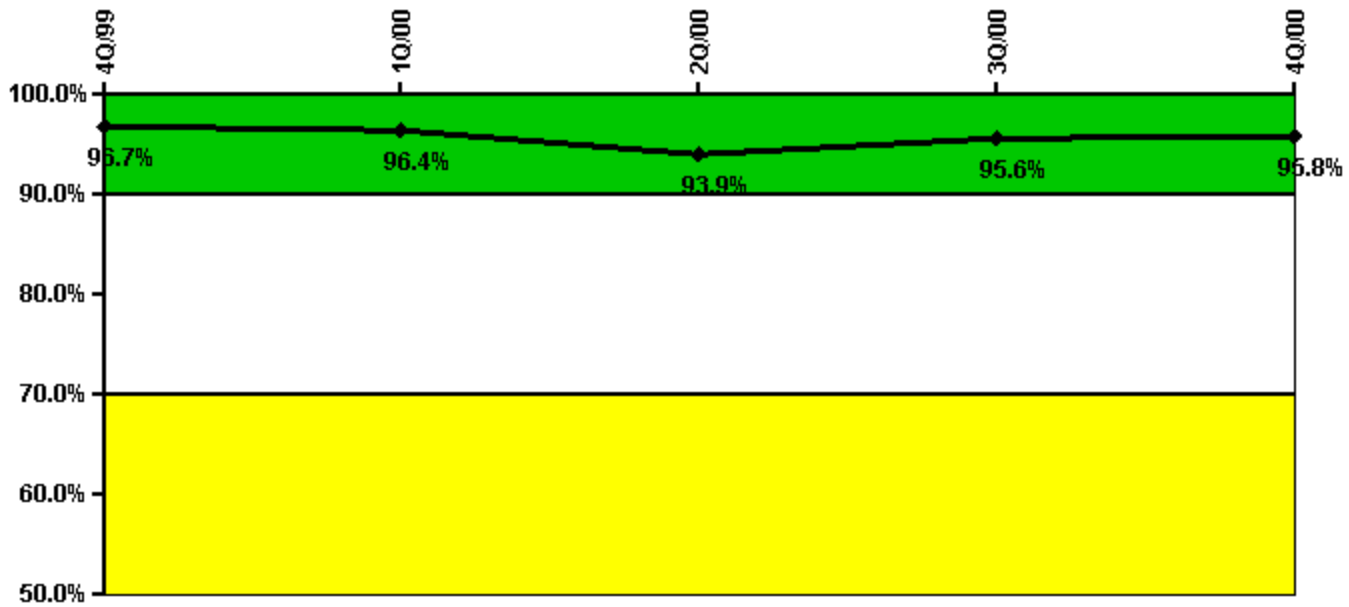
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.012	0.012	0.020	0.013	0.010	0.018	0.020	0.018	0.018	0.020	0.018	0
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	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0

Licensee Comments: none

### Drill/Exercise Performance



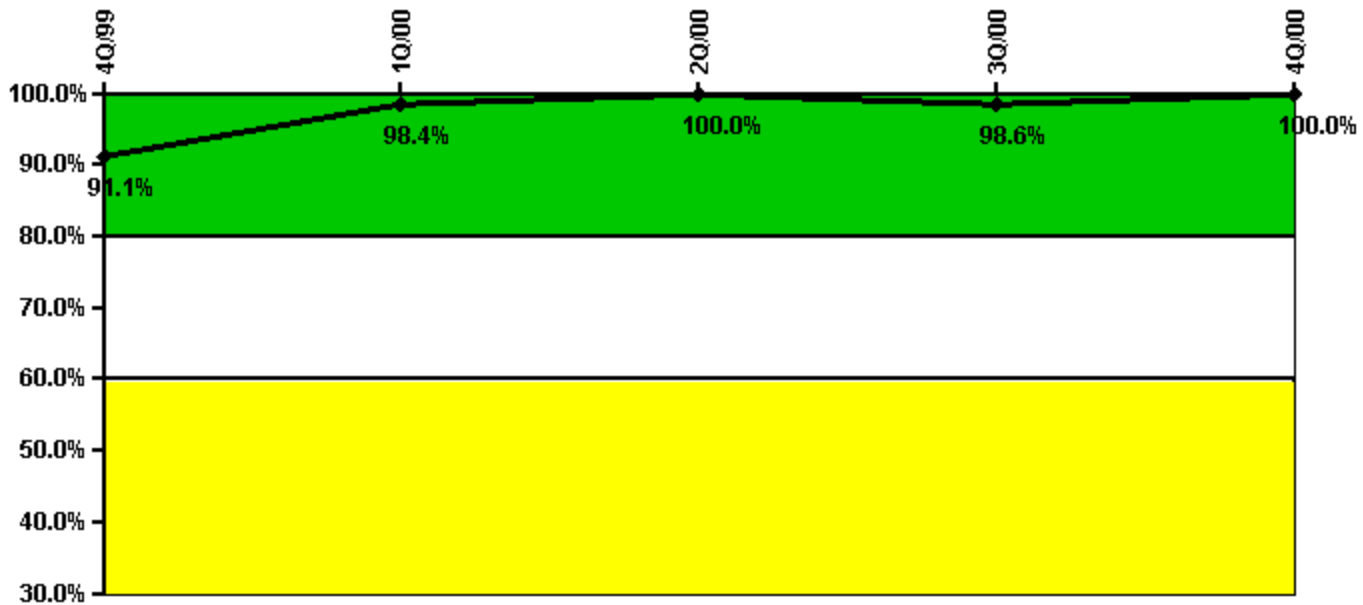
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	0	6.0	15.0	65.0	56.0
Total opportunities	0	6.0	18.0	66.0	58.0
Indicator value	96.7%	96.4%	93.9%	95.6%	95.8%

Licensee Comments: none

### ERO Drill Participation



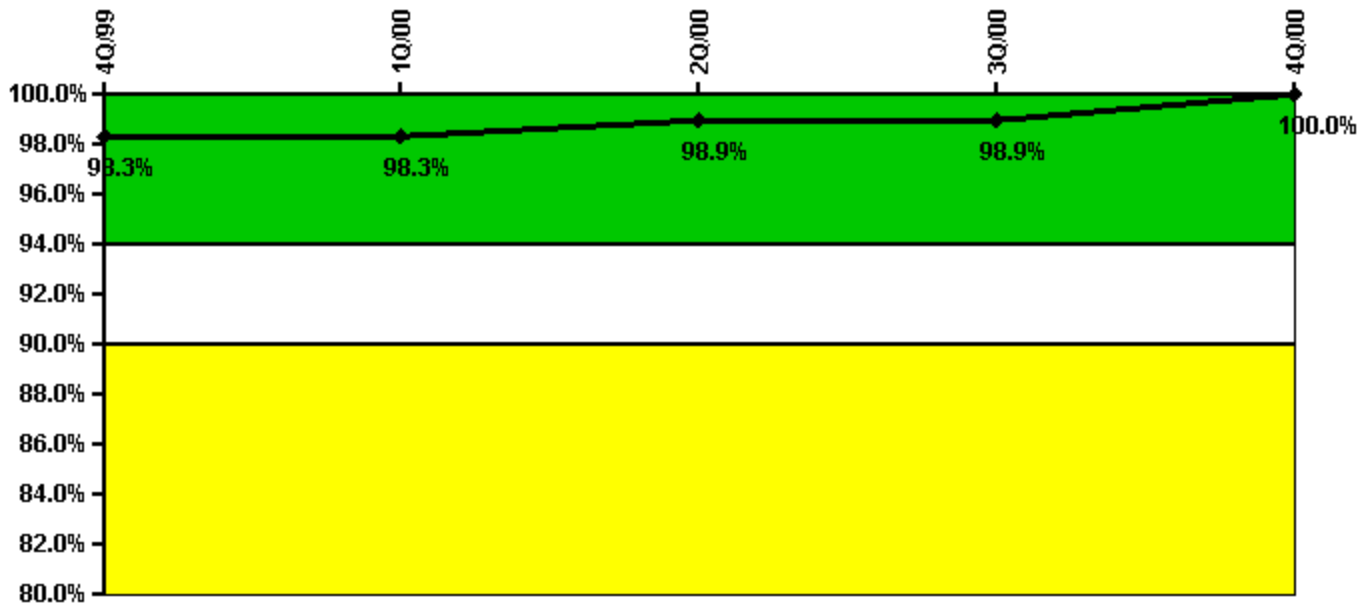
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	112.0	121.0	121.0	141.0	103.0
Total Key personnel	123.0	123.0	121.0	143.0	103.0
Indicator value	91.1%	98.4%	100.0%	98.6%	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
Successful siren-tests	46	42	48	42	45
Total sirens-tests	48	42	48	42	45
Indicator value	98.3%	98.3%	98.9%	98.9%	100.0%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



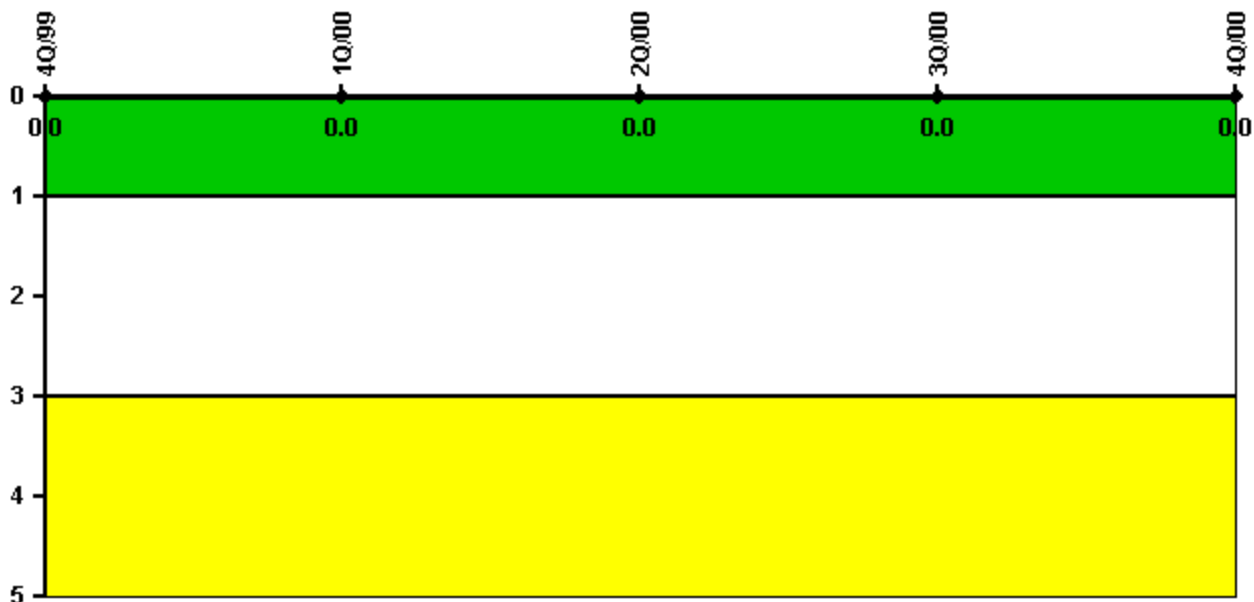
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

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

Licensee Comments: none

### RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

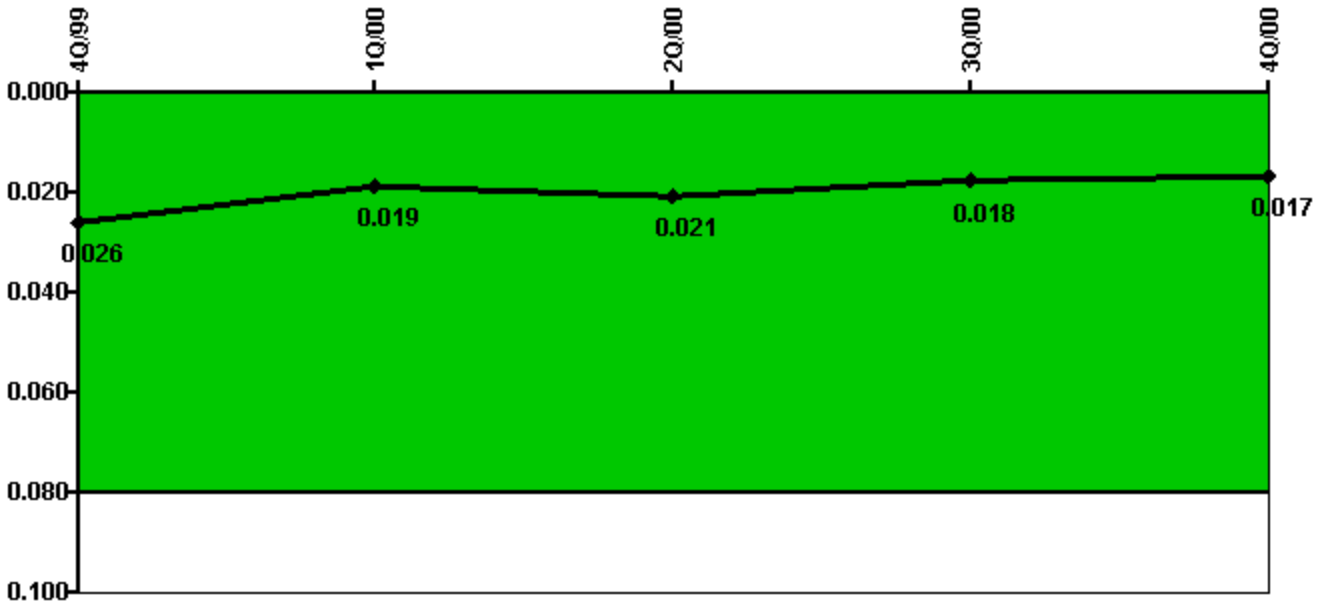
#### Notes

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

Licensee Comments: none



### Protected Area Security Performance Index



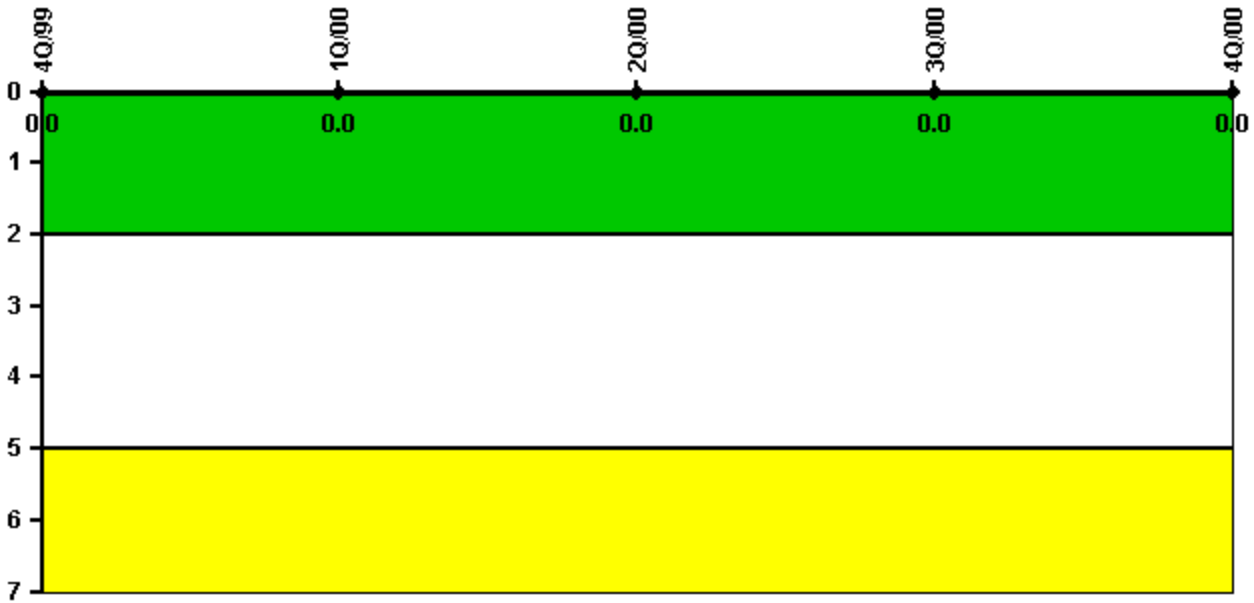
Thresholds: White > 0.080

#### Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	87.50	6.30	231.40	119.10	88.37
CCTV compensatory hours	35.5	17.0	0	20.7	9.3
IDS normalization factor	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2
<b>Index Value</b>	<b>0.026</b>	<b>0.019</b>	<b>0.021</b>	<b>0.018</b>	<b>0.017</b>

Licensee Comments: none

### Personnel Screening Program



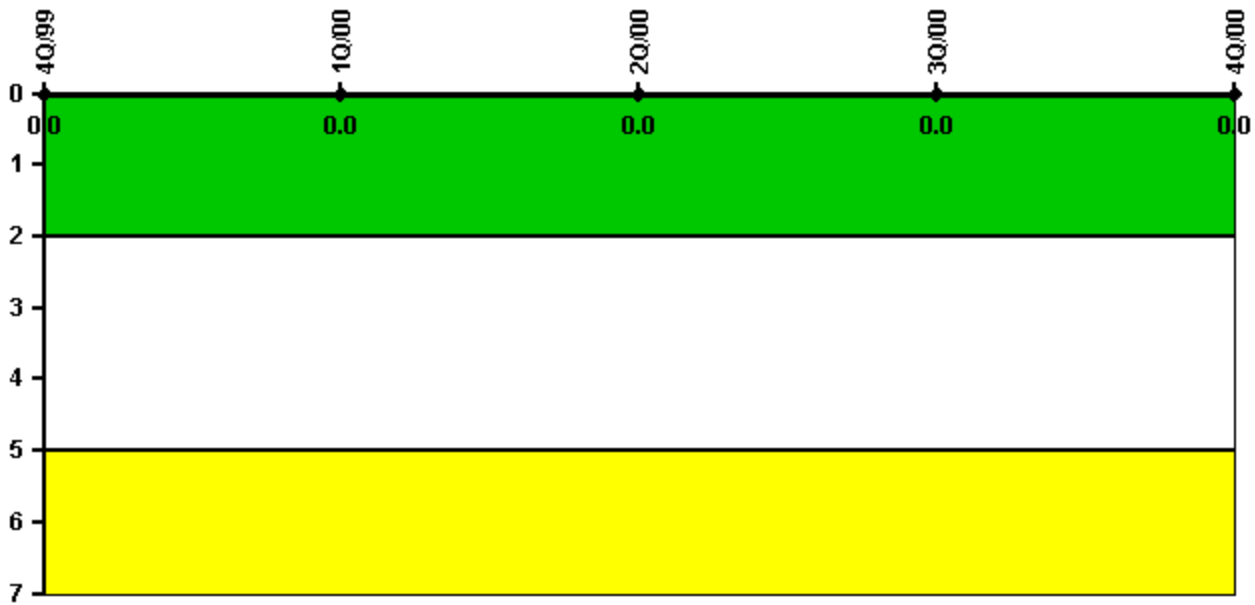
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program failures	0	0	0	0	0
Indicator value	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
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

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

Last Modified: March 28, 2002