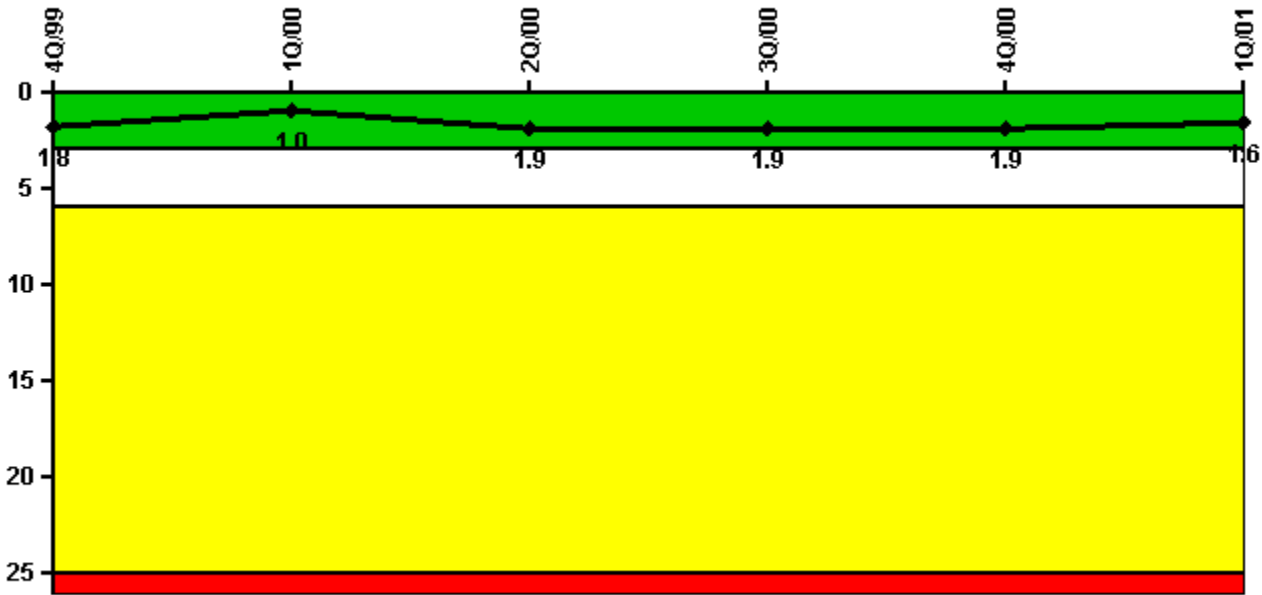


### Beaver Valley 1

#### 1Q/2001 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



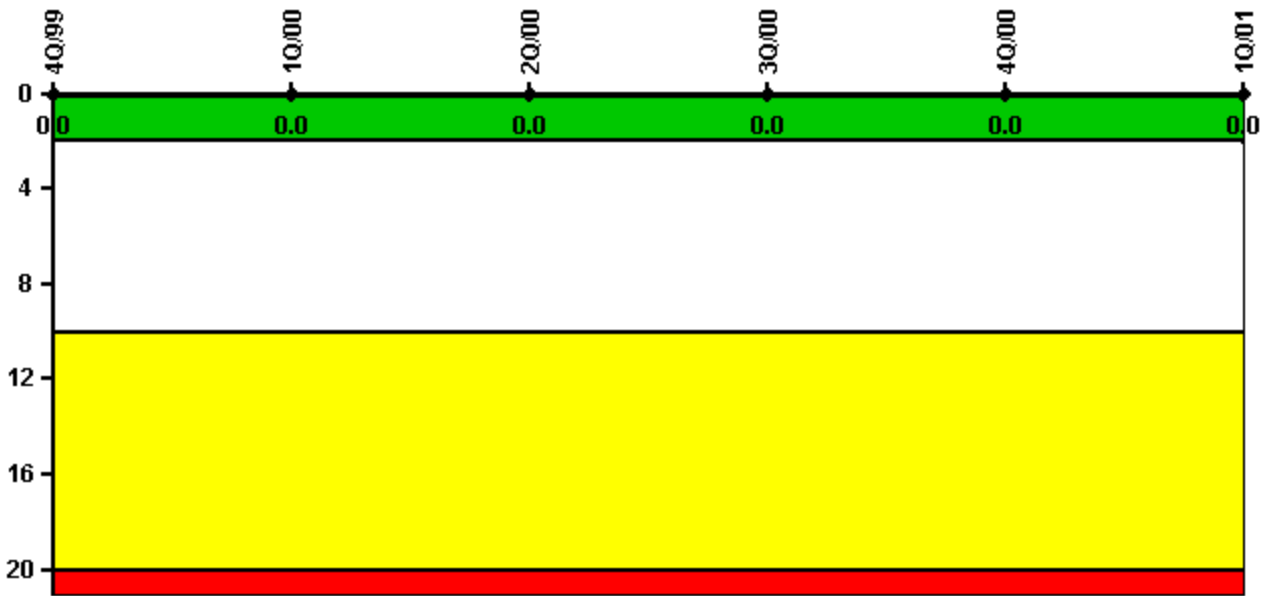
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned scrams	0	0	1.0	1.0	0	0
Critical hours	2209.0	1092.5	2022.2	2174.3	2209.0	2160.0
<b>Indicator value</b>	<b>1.8</b>	<b>1.0</b>	<b>1.9</b>	<b>1.9</b>	<b>1.9</b>	<b>1.6</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



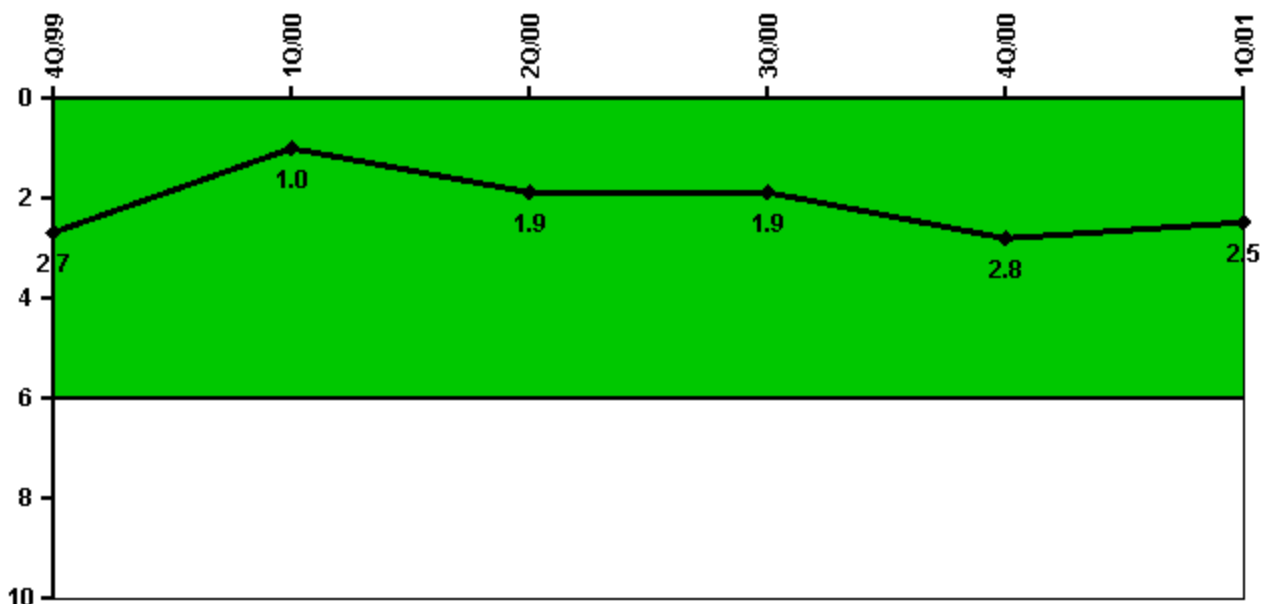
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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



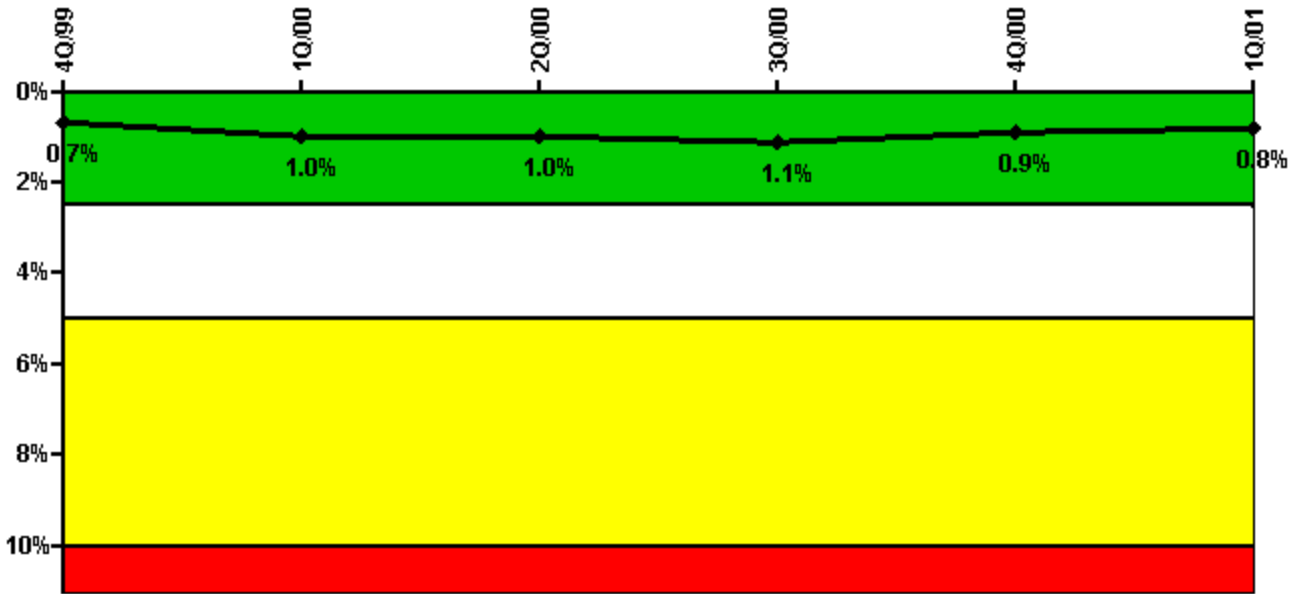
Thresholds: White > 6.0

#### 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	1.0	1.0	1.0	0
Critical hours	2209.0	1092.5	2022.2	2174.3	2209.0	2160.0
Indicator value	2.7	1.0	1.9	1.9	2.8	2.5

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



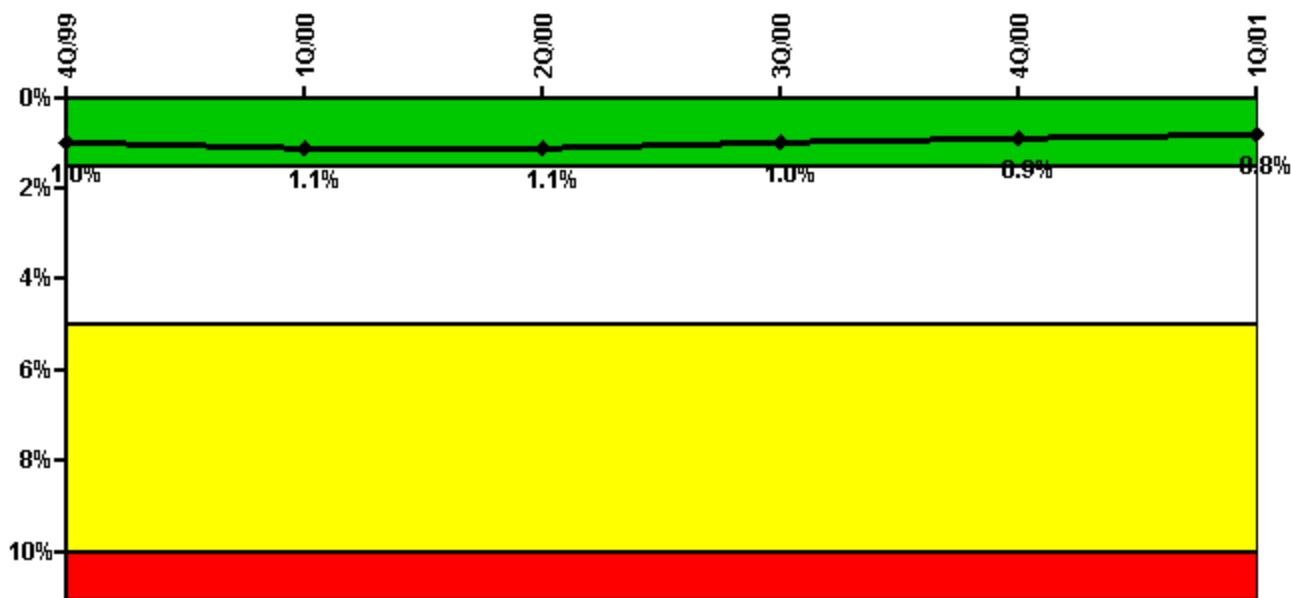
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

#### 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	15.10	67.20	17.50	12.10	8.80	5.20
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	2160.00
<b>Train 2</b>						
Planned unavailable hours	22.00	28.70	27.00	5.80	5.60	43.80
Unplanned unavailable hours	0	48.00	0	0	0	0.10
Fault exposure hours	0	62.00	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>1.0%</b>	<b>1.0%</b>	<b>1.1%</b>	<b>0.9%</b>	<b>0.8%</b>

Licensee Comments: none

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



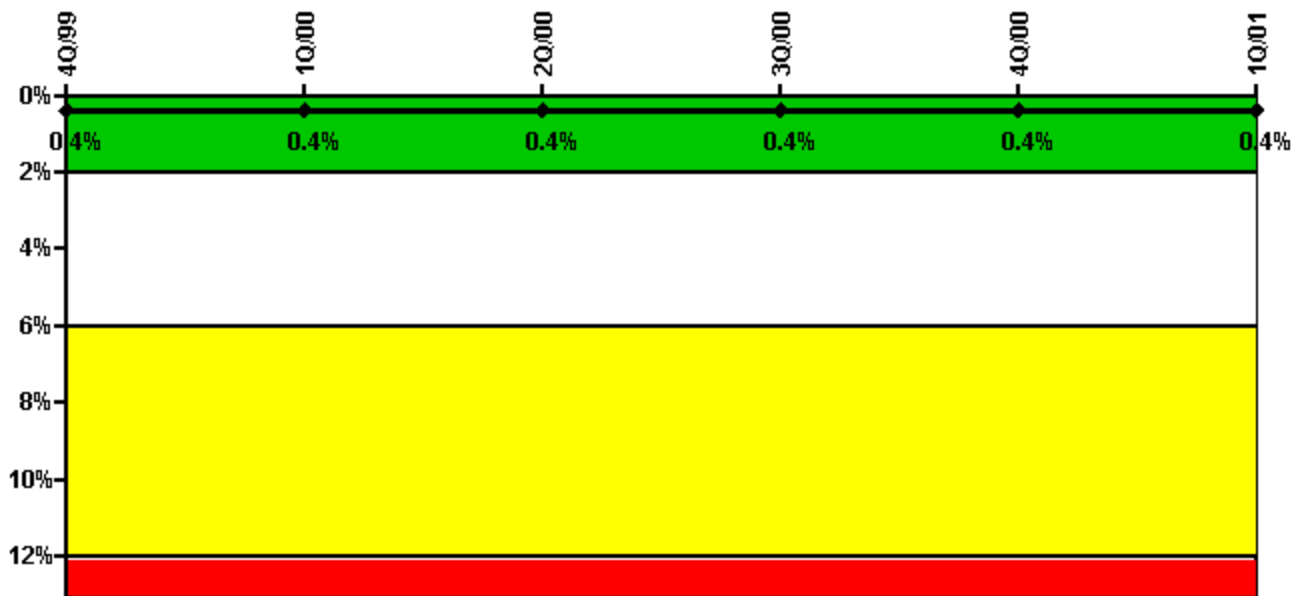
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### 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	14.40	7.44	11.81	2.21	6.37	13.32
Unplanned unavailable hours	0	2.00	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	1092.20	2022.20	2174.30	2209.00	2160.00
<b>Train 2</b>						
Planned unavailable hours	16.20	1.57	10.53	0.95	1.86	2.28
Unplanned unavailable hours	0	46.00	0	0	0	0
Fault exposure hours	0	62.00	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	1092.20	2022.20	2174.30	2209.00	2160.00
<b>Indicator value</b>	<b>1.0%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.0%</b>	<b>0.9%</b>	<b>0.8%</b>

Licensee Comments: none

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



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

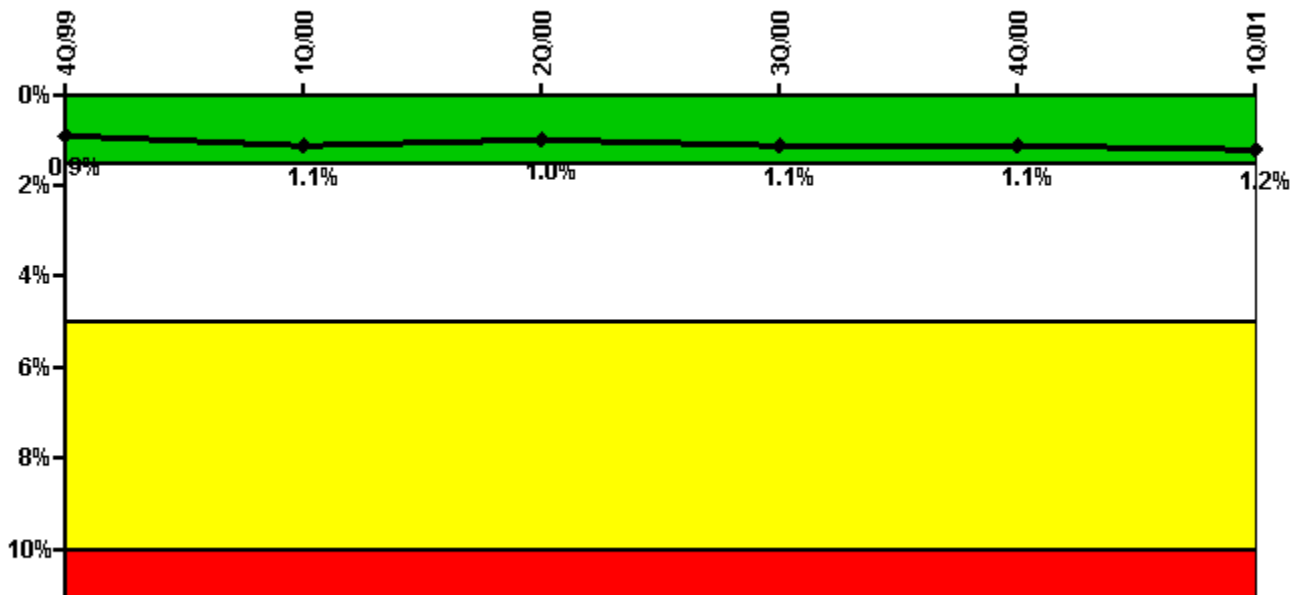
#### Notes

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	39.70	0	0	0	14.02	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	1099.48	2040.00	2174.30	2209.00	2160.00
<b>Train 2</b>						
Planned unavailable hours	0	1.75	14.14	0	17.72	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	1099.48	2040.00	2174.30	2209.00	2160.00
<b>Train 3</b>						
Planned unavailable hours	1.20	0.67	19.59	0.10	16.90	2.28
Unplanned unavailable hours	0	0	0	0	33.30	10.08
Fault exposure hours	0	0	0	0	0.42	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	1099.48	2040.00	2174.30	2209.00	2160.00
<b>Indicator value</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>

Licensee Comments:

4Q/00: Data correction for December 2000 (Train 2 unavailable hours) which did not affect "color".

### Safety System Unavailability, Residual Heat Removal System



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

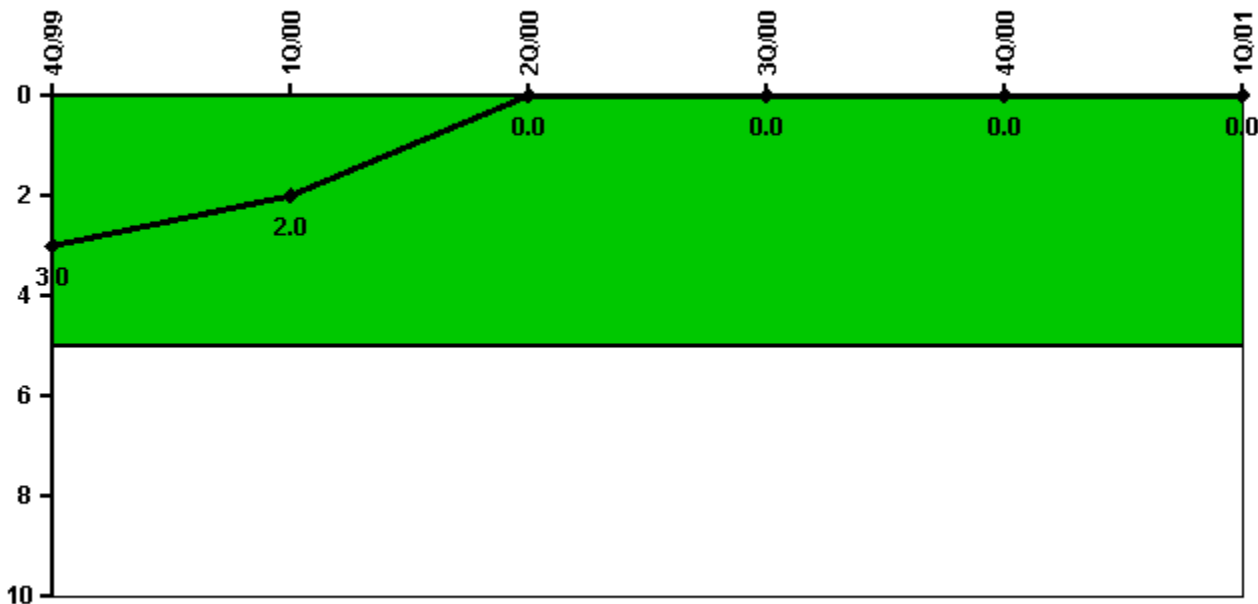
#### Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
<b>Train 1</b>						
Planned unavailable hours	23.60	53.16	10.62	31.11	18.70	1.72
Unplanned unavailable hours	0	2.00	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	1107.10	2105.50	2174.30	2209.00	2160.00
<b>Train 2</b>						
Planned unavailable hours	26.20	1.25	6.12	5.82	41.30	0.65
Unplanned unavailable hours	0	43.10	0	0	0	0
Fault exposure hours	0	62.00	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	1107.10	2105.50	2174.30	2209.00	2160.00
<b>Train 3</b>						
Planned unavailable hours	23.60	0	0	0	0	0
Unplanned unavailable hours	0	0.40	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	841.24	90.10	0	0	0
<b>Train 4</b>						
Planned unavailable hours	26.20	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	841.24	90.10	0	0	0

Indicator value	0.9%	1.1%	1.0%	1.1%	1.1%	1.2%
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Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

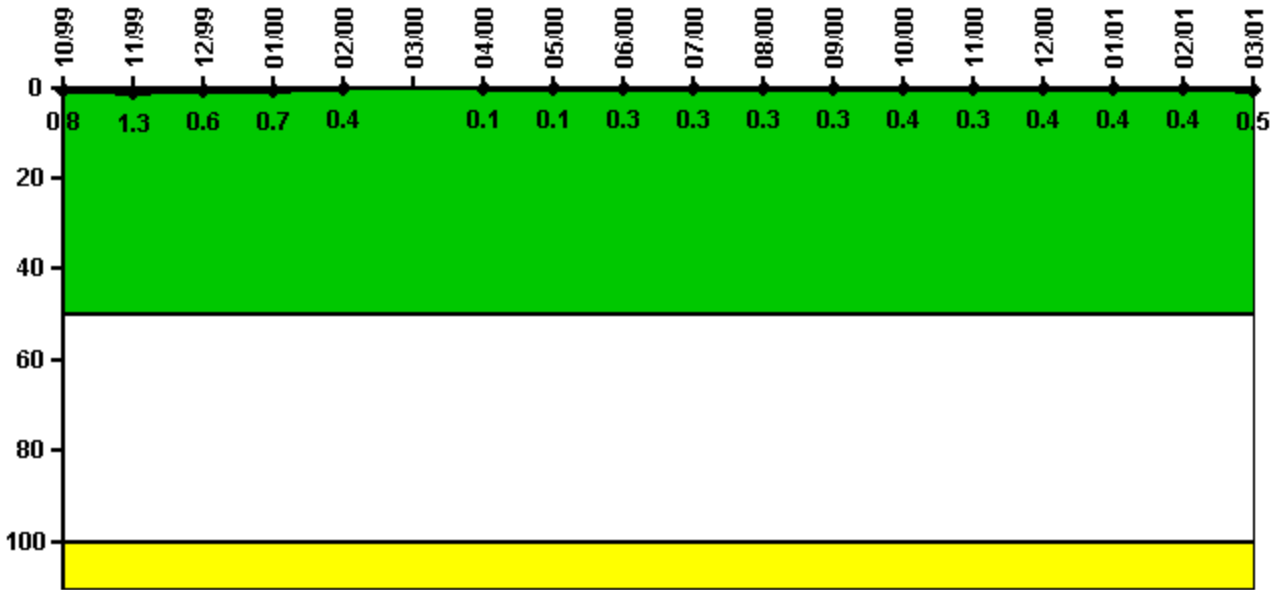
### Notes

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
Indicator value	3	2	0	0	0	0

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

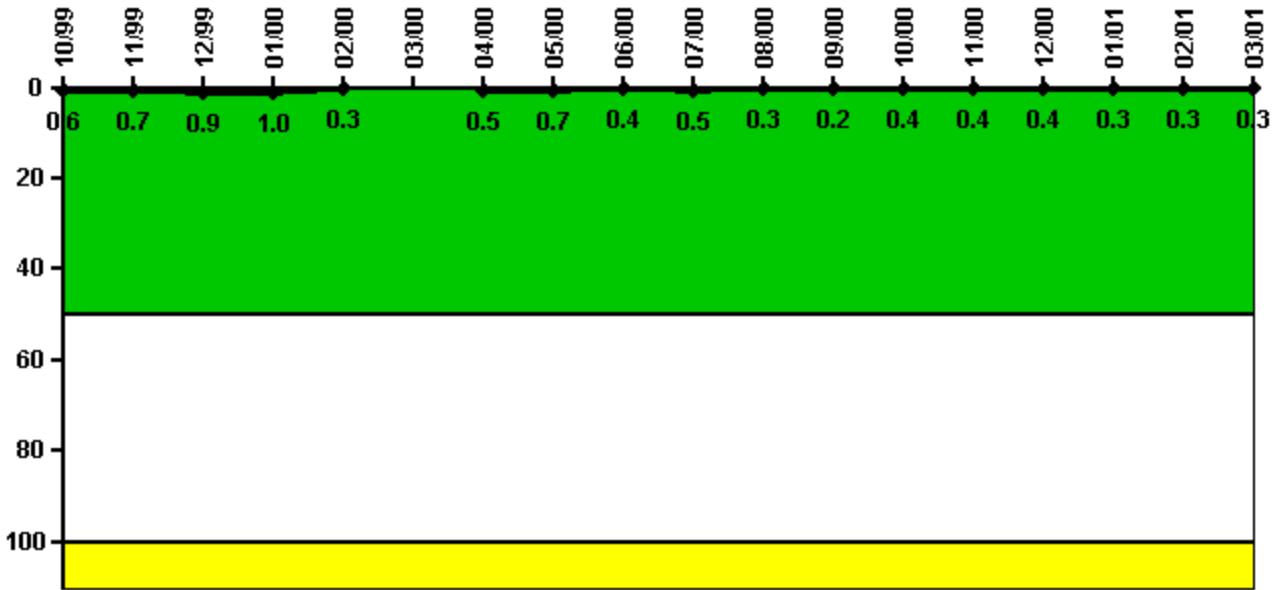
#### Notes

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	0.002660	0.004580	0.002140	0.002280	0.001496	N/A	0.000467	0.000512	0.000529	0.000581	0.000609	0.000649
Technical specification limit	0.4	0.4	0.4	0.4	0.4	N/A	0.4	0.4	0.2	0.2	0.2	0.2
Indicator value	0.8	1.3	0.6	0.7	0.4	N/A	0.1	0.1	0.3	0.3	0.3	0.3

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000743	0.000654	0.000793	0.000874	0.000739	0.000982
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.4	0.3	0.4	0.4	0.4	0.5

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

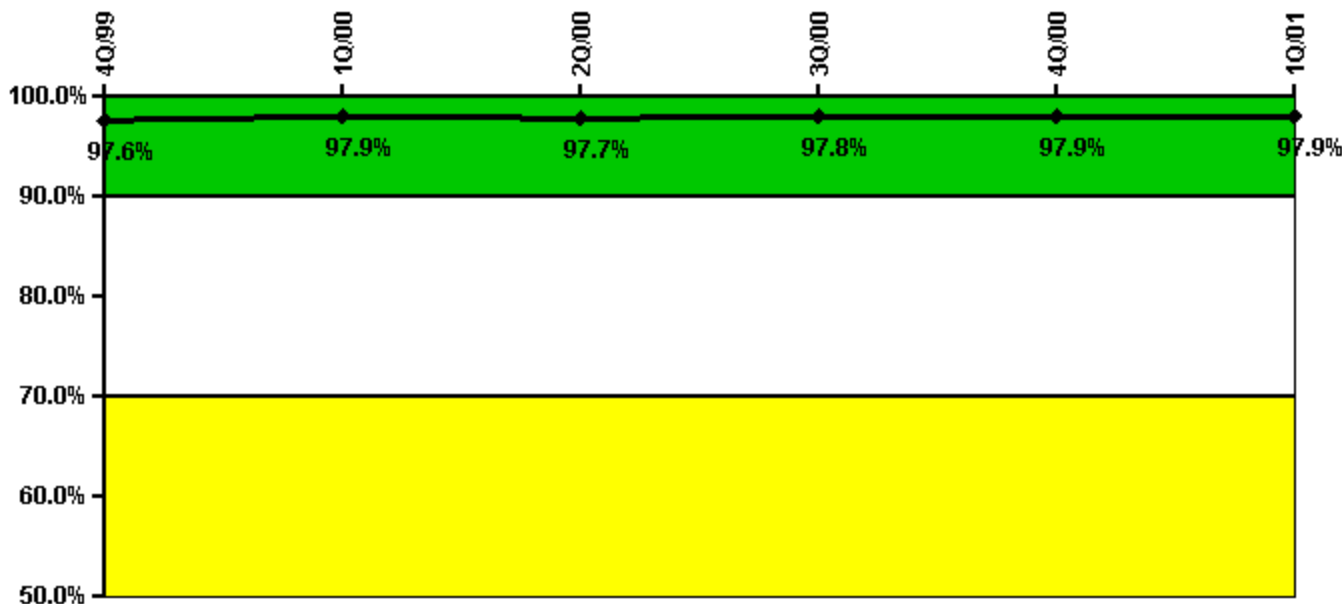
Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.060	0.070	0.090	0.100	0.030	N/A	0.050	0.070	0.040	0.050	0.030	0.020
Technical specification limit	10.0	10.0	10.0	10.0	10.0	N/A	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.7	0.9	1.0	0.3	N/A	0.5	0.7	0.4	0.5	0.3	0.2

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.040	0.040	0.040	0.030	0.030	0.030
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.4	0.3	0.3	0.3

Licensee Comments: none

### Drill/Exercise Performance



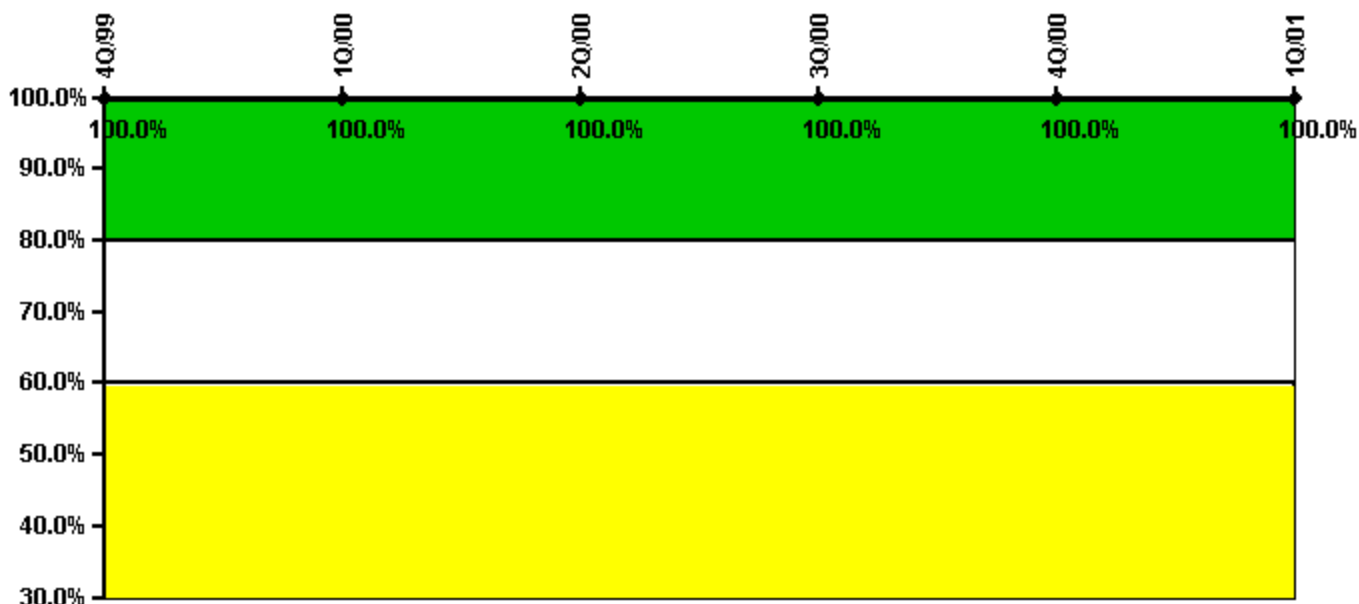
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	18.0	16.0	76.0	50.0	46.0	8.0
Total opportunities	18.0	16.0	78.0	52.0	47.0	8.0
Indicator value	97.6%	97.9%	97.7%	97.8%	97.9%	97.9%

Licensee Comments: none

### ERO Drill Participation



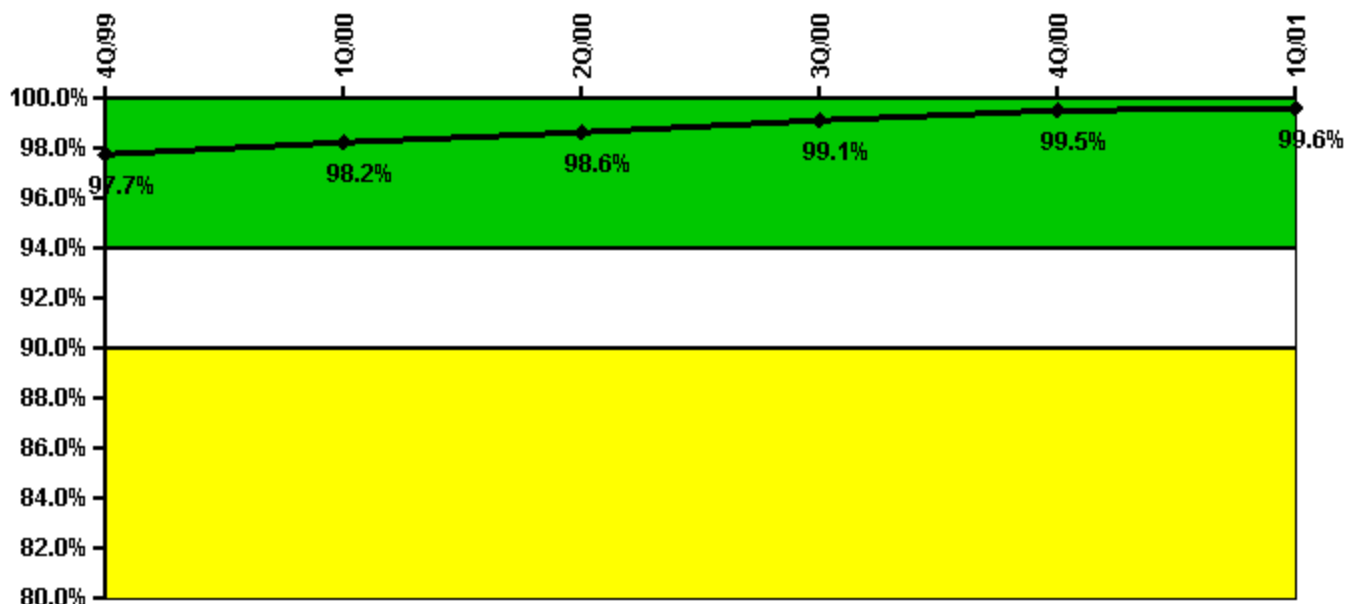
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Participating Key personnel	87.0	86.0	84.0	83.0	85.0	85.0
Total Key personnel	87.0	86.0	84.0	83.0	85.0	85.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

### Alert & Notification System



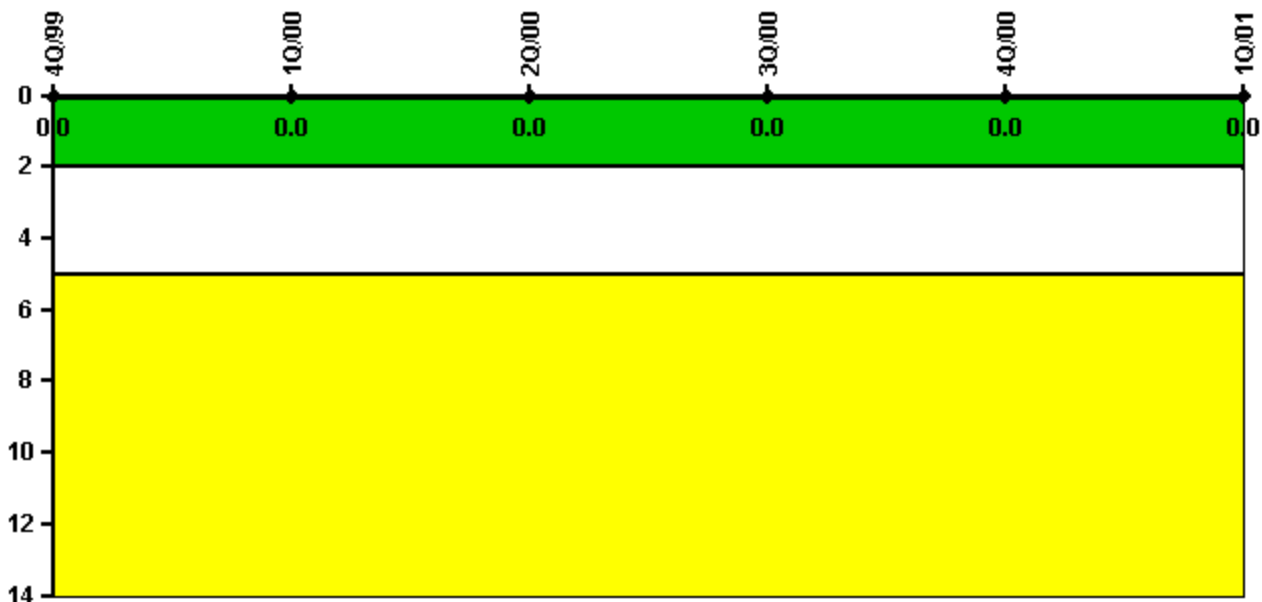
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful siren-tests	108	109	110	218	110	110
Total sirens-tests	110	110	110	220	110	110
Indicator value	97.7%	98.2%	98.6%	99.1%	99.5%	99.6%

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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



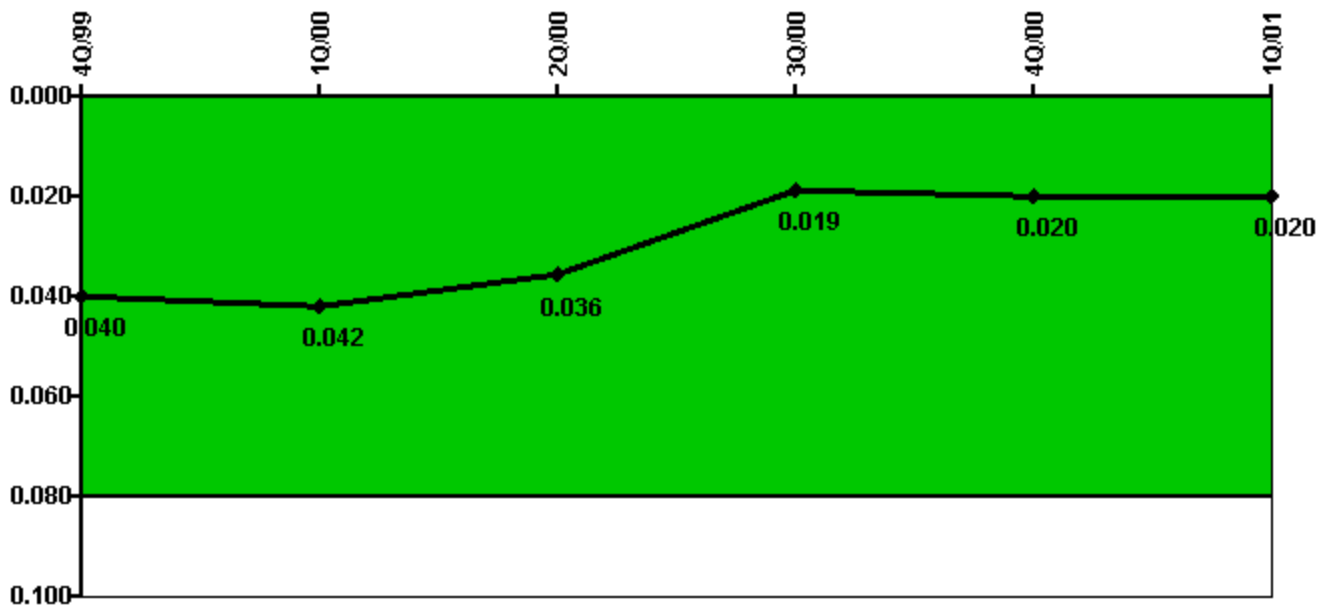
Thresholds: White > 1.0 Yellow > 3.0

#### 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	333.60	147.23	110.02	364.68	373.33	155.00
CCTV compensatory hours	0	0	0	0	0	1.6
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5
<b>Index Value</b>	<b>0.040</b>	<b>0.042</b>	<b>0.036</b>	<b>0.019</b>	<b>0.020</b>	<b>0.020</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