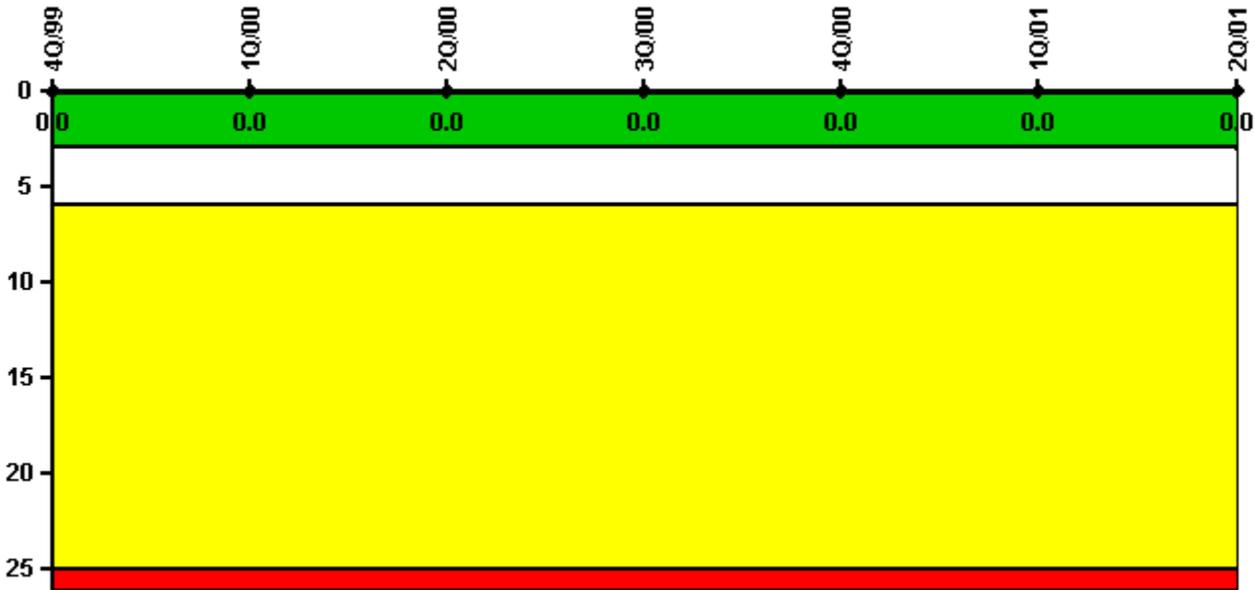


### Three Mile Island 1

#### 2Q/2001 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



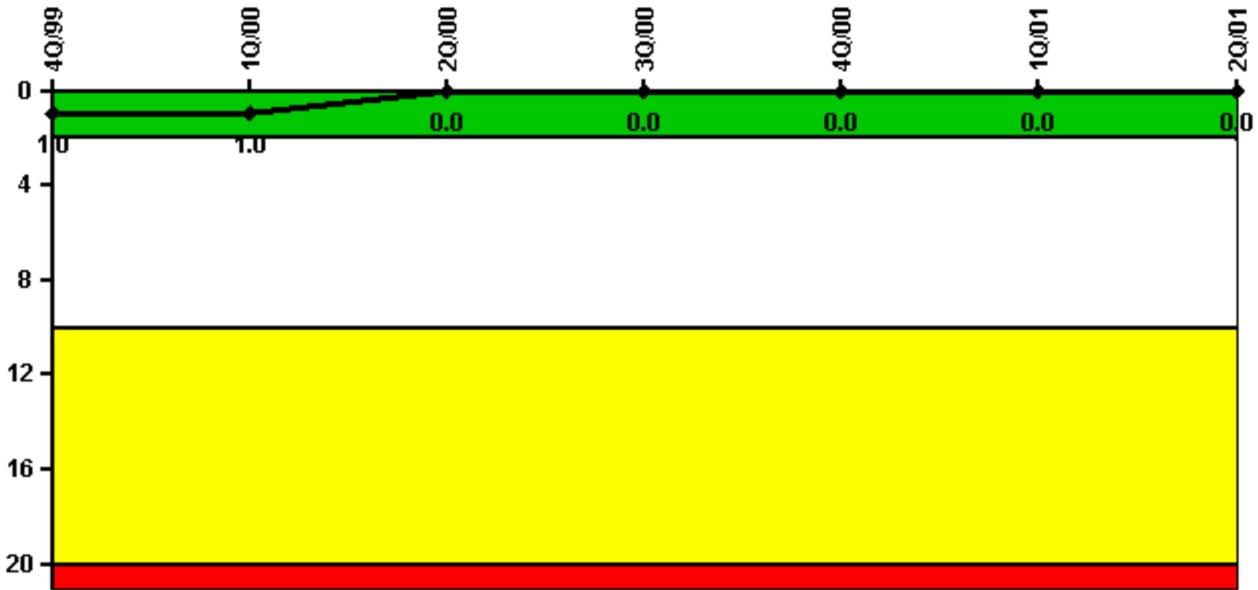
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### 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	0
Critical hours	1785.0	2184.0	2183.0	2208.0	2209.0	2160.0	2152.7
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



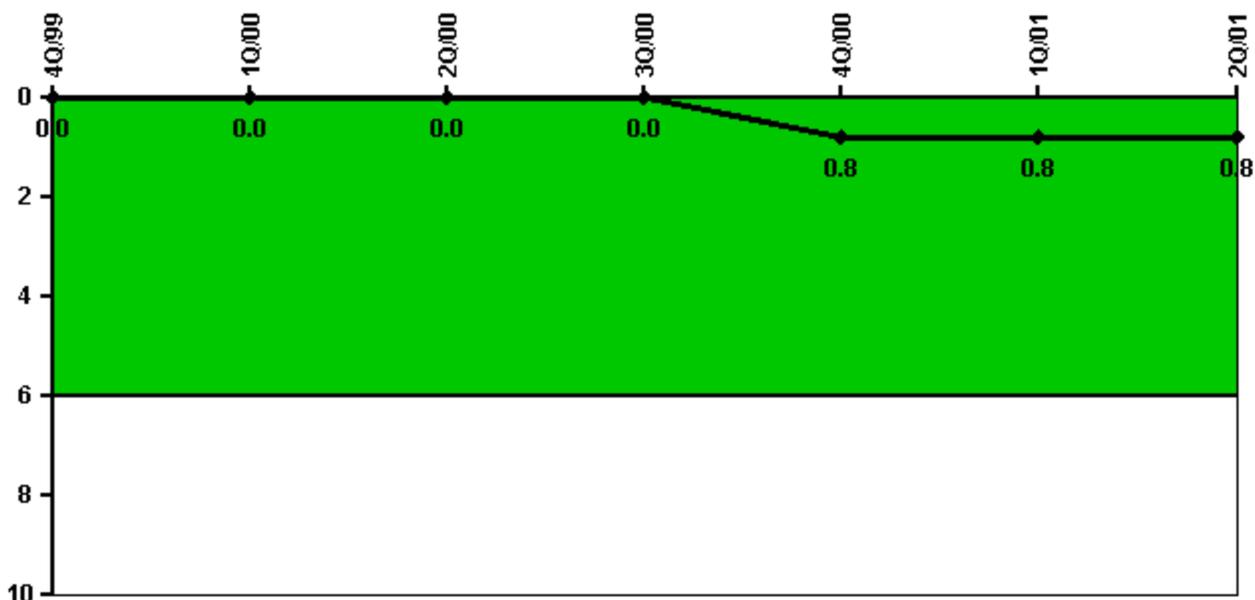
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

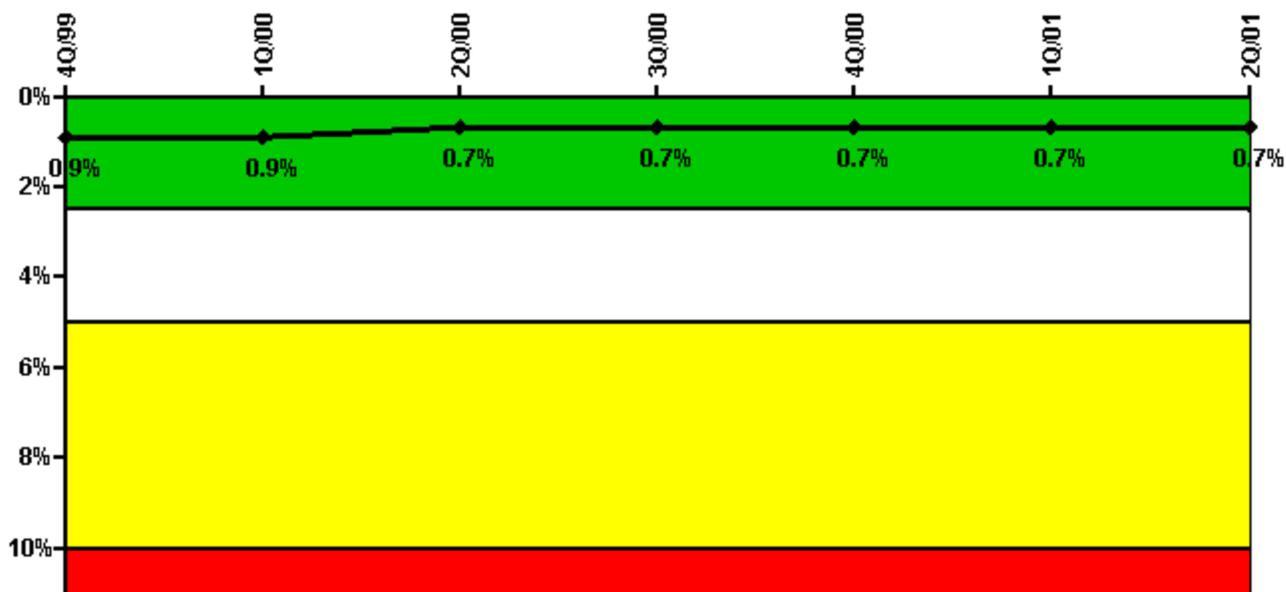
#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	0	0	0	0	1.0	0	0
Critical hours	1785.0	2184.0	2183.0	2208.0	2209.0	2160.0	2153.0
Indicator value	0	0	0	0	0.8	0.8	0.8

Licensee Comments:

2Q/01: Power changes in April, May and June 2001 related to troubleshooting and repair of an auxiliary transformer were re-evaluated against the performance indicator criteria. Each of the five (5) power changes was performed after the 72 hour planning threshold and therefore was not applicable to be reported in this performance indicator. The changes have not affected the color of the indicator, which remains "Green".

### Safety System Unavailability, Emergency AC Power



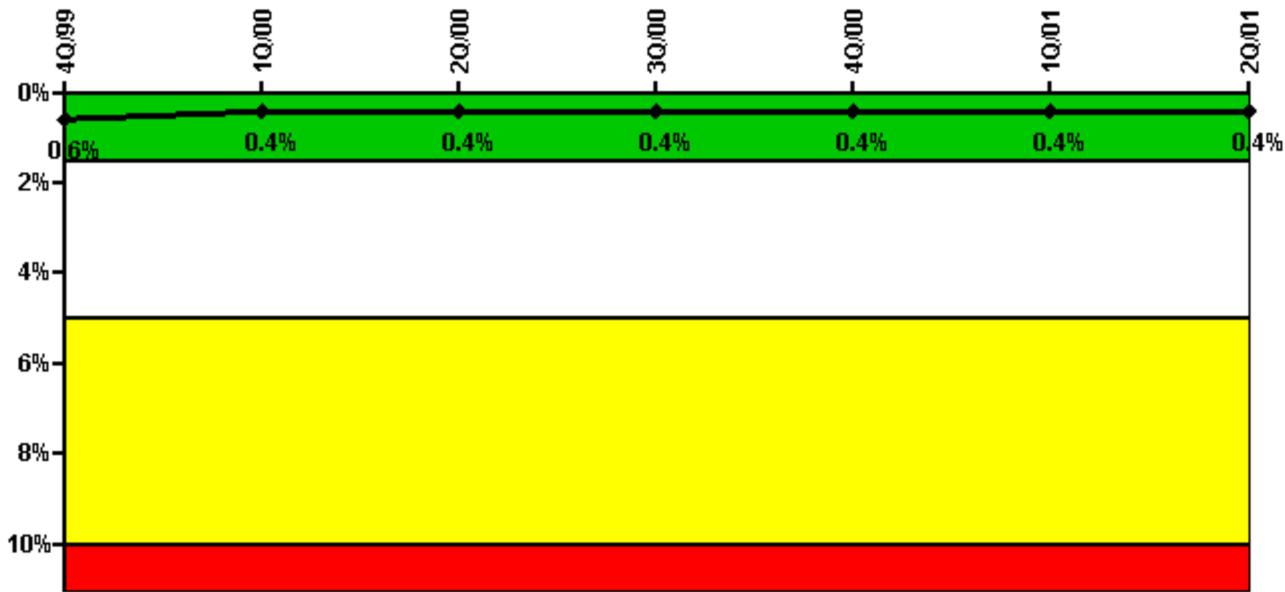
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	12.66	8.82	13.10	8.05	11.58	14.62	17.93
Unplanned unavailable hours	0	0	2.33	8.32	15.68	3.00	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
<b>Train 2</b>							
Planned unavailable hours	11.34	8.20	6.07	15.81	17.00	7.53	15.46
Unplanned unavailable hours	0	8.60	9.25	0	0	0	10.25
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
<b>Indicator value</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>

Licensee Comments: none

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



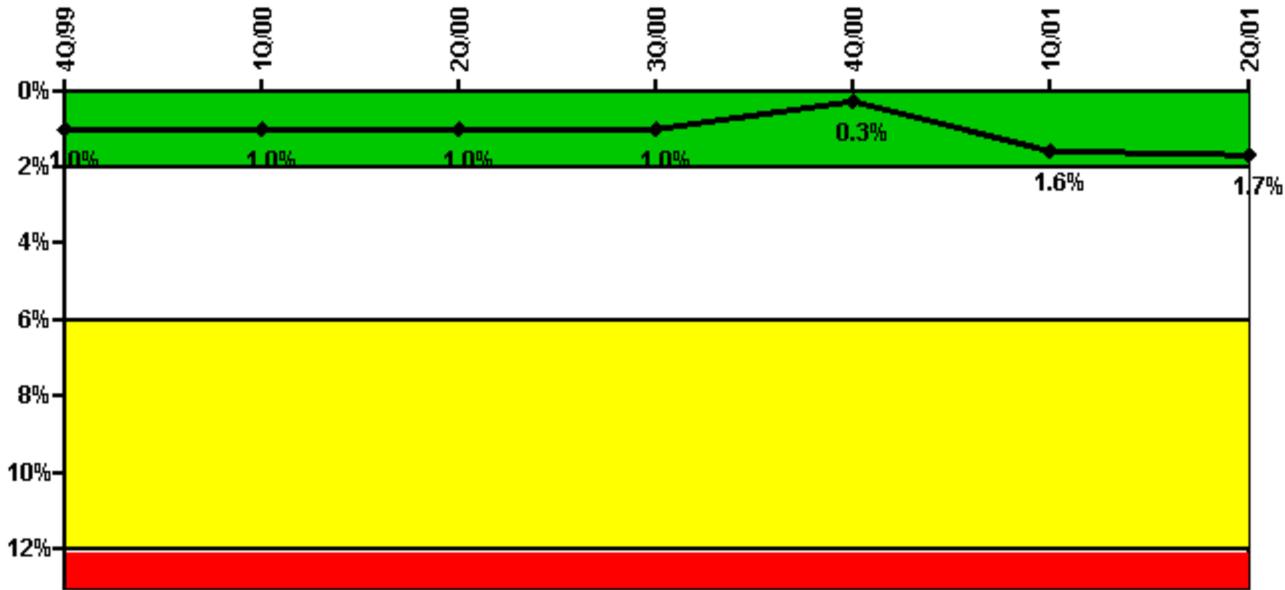
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	0.77	0	0	0.07	0.89	0.40	1.20
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	1785.40	2184.00	2183.00	2208.00	2209.00	2160.00	2152.70
<b>Train 2</b>							
Planned unavailable hours	0.40	0.40	0.14	43.55	0	0	0.05
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	1785.40	2184.00	2183.00	2208.00	2209.00	2160.00	2152.70
<b>Indicator value</b>	<b>0.6%</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: 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	2Q/01
<b>Train 1</b>							
Planned unavailable hours	4.20	4.37	3.55	6.73	7.58	49.10	16.41
Unplanned unavailable hours	0	0	0	0	0	14.75	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1785.40	2184.00	2183.00	2208.00	2209.00	2160.00	2152.70
<b>Train 2</b>							
Planned unavailable hours	1.45	1.95	1.67	19.92	3.40	4.19	13.99
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	932.28	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1785.40	2184.00	2183.00	2208.00	2209.00	2160.00	2152.70
<b>Train 3</b>							
Planned unavailable hours	1.07	1.44	1.23	1.94	2.08	1.83	31.43
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	524.55	0	0
Required hours	1785.40	2184.00	2183.00	2208.00	2209.00	2160.00	2152.70
<b>Indicator value</b>	<b>1.0%</b>	<b>1.0%</b>	<b>1.0%</b>	<b>1.0%</b>	<b>0.3%</b>	<b>1.6%</b>	<b>1.7%</b>

#### Licensee Comments:

1Q/01: The number of fault exposure hours for EFW Train 2 previously reported to the NRC on April 20, 2001 was based on LER 2001-001-00 and the inoperability period of 2/1-14/2001. The number of fault exposure unavailability hours is revised from 309.85 hours to 932.28 hours based on the inoperability period of 1/6-2/14/2001, which will be reported in the Supplemental LER 2001-001-01. The PI color is unchanged and remains GREEN. The number of planned unavailable hours for EFW Train 2 previously reported to the NRC on April 20, 2001 is revised from 4.38 hours to 4.19 hours. This is a result of re-classifying 0.19 hours from planned unavailability hours to fault exposure hours, also based on the inoperability period of 1/6-2/14/2001.

3Q/00: NOTE: With this 3rd Qtr 2000 submittal, the 3rd Qtr Change Report reflects that all historical data from the 1st Qtr. 1997 through the 1st Qtr 2000 for planned unavailability hours on all three trains of EFW have been revised to reflect the more stringent criteria of NEI 99-02. Prior data gathered on a best effort basis relied upon WANO/INPO allowances for manual operator actions which are no longer being credited for NRC reporting. The PI remains GREEN.

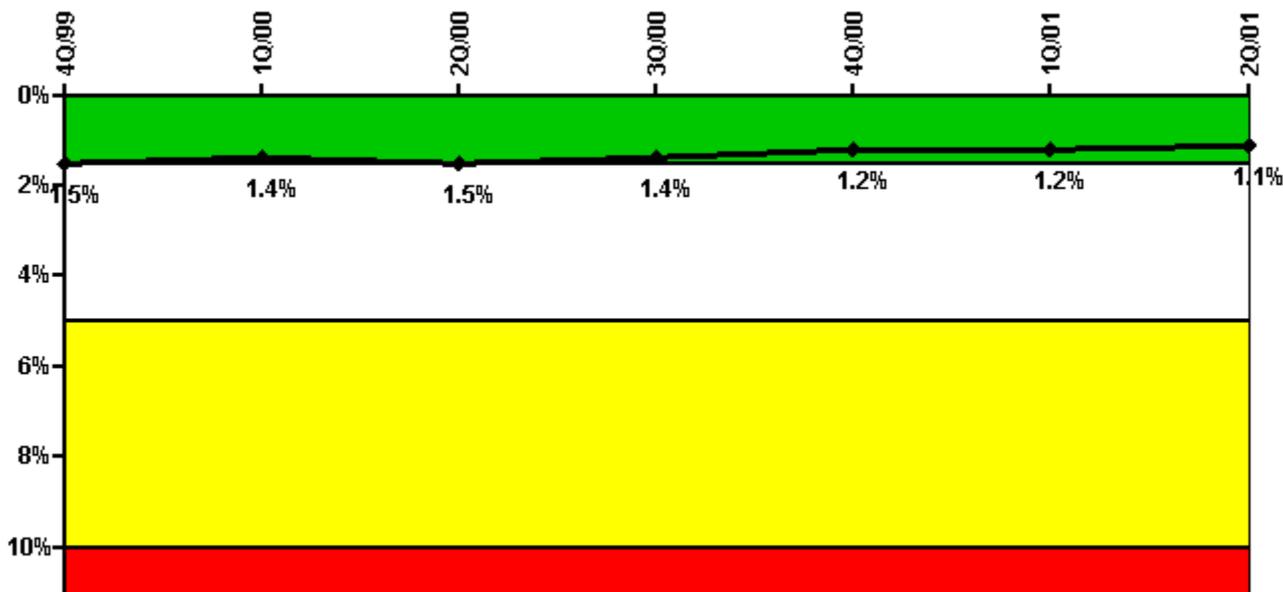
3Q/00: NOTE: With this 3rd Qtr 2000 submittal, the 3rd Qtr Change Report reflects that all historical data from the 1st Qtr. 1997 through the 1st Qtr 2000 for planned unavailability hours on all three trains of EFW have been revised to reflect the more stringent criteria of NEI 99-02. Prior data gathered on a best effort basis relied upon WANO/INPO allowances for manual operator actions which are no longer being credited for NRC reporting. The PI remains GREEN.

2Q/99: 1/21/2001 - Fault Exposure hrs for Train 3 have been returned to 0 from its original value of 524.55 hrs., pursuant to the three acceptance criteria of the NEI 99-02 guidance document. I.e., fault exposure hours being removed must be greater than 336 hrs., and all corrective actions associated with the event {LER 99-004} have been closed and NRC Inspection Report No. 99-03-01 documenting closure did not result in any new open items requiring follow-up activity. 1/7/02 Restored 524.55 fault exposure hours in accordance with RIS 2001-23.

Effective Reset Comments:

4Q/00: 1/7/02 - Previously reset hours were reset under the new process

### Safety System Unavailability, Residual Heat Removal System



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

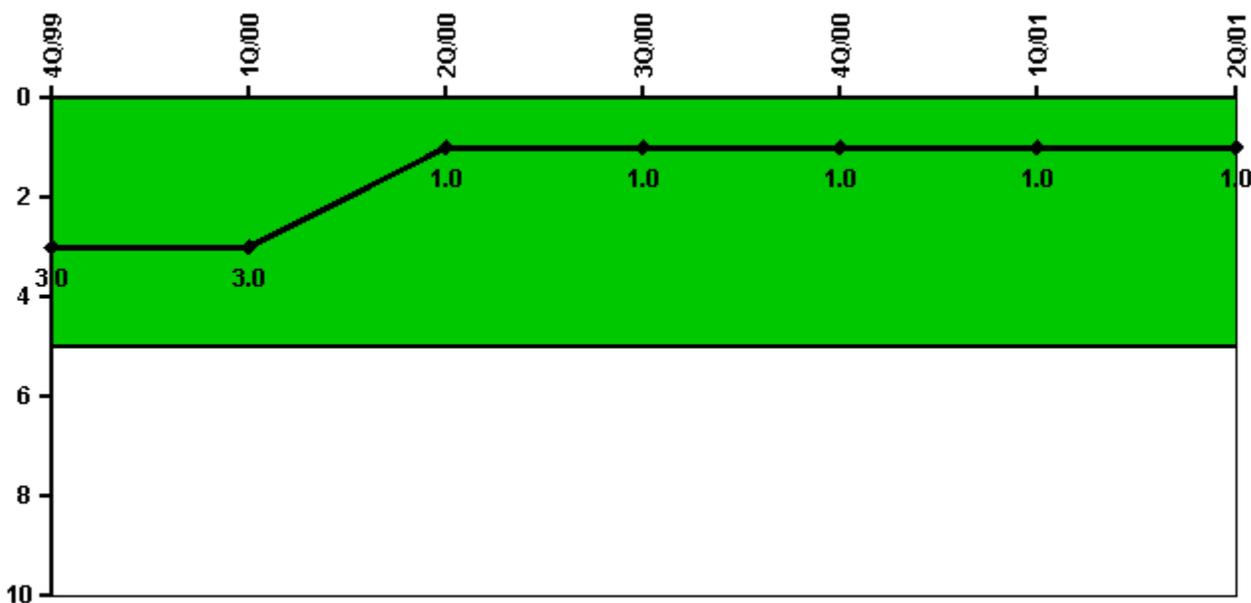
#### Notes

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	16.48	7.17	65.62	6.54	12.37	12.02	13.90
Unplanned unavailable hours	0	0	0	0	0	4.57	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00

Train 2							
Planned unavailable hours	14.99	5.86	18.39	61.92	9.52	9.53	12.57
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	2208.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.5%	1.4%	1.5%	1.4%	1.2%	1.2%	1.1%

Licensee Comments: none

### Safety System Functional Failures (PWR)



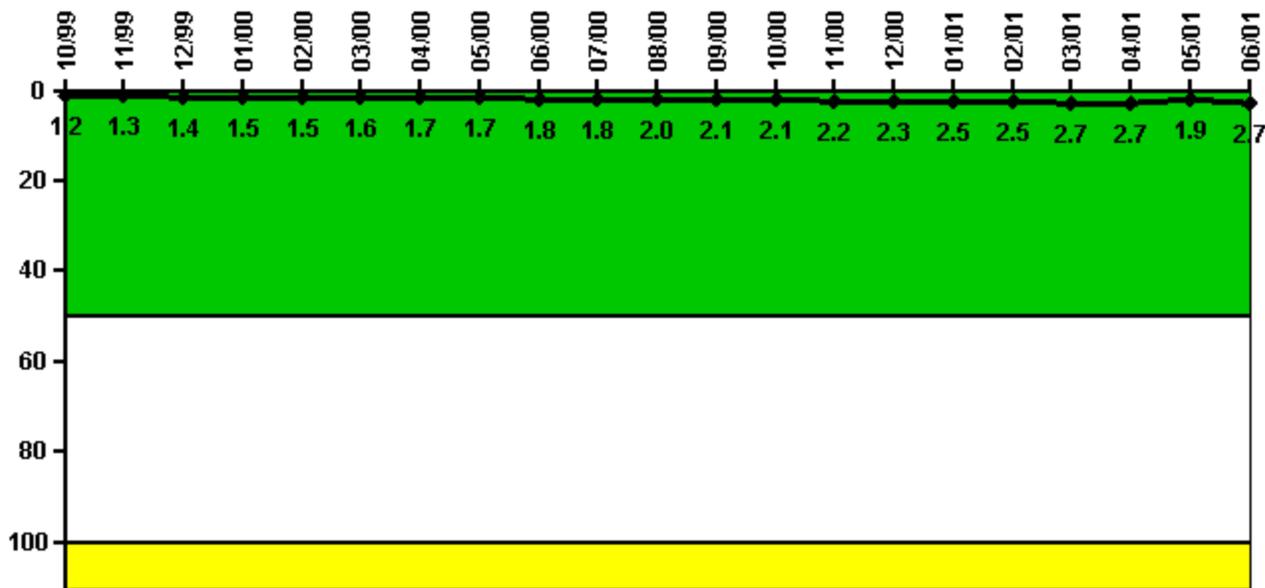
Thresholds: White > 5.0

### Notes

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

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	0.004240	0.004660	0.004970	0.005140	0.005090	0.005470	0.005990	0.005850	0.006170	0.006410	0.007080	0.007410
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.7	1.8	1.8	2.0	2.1

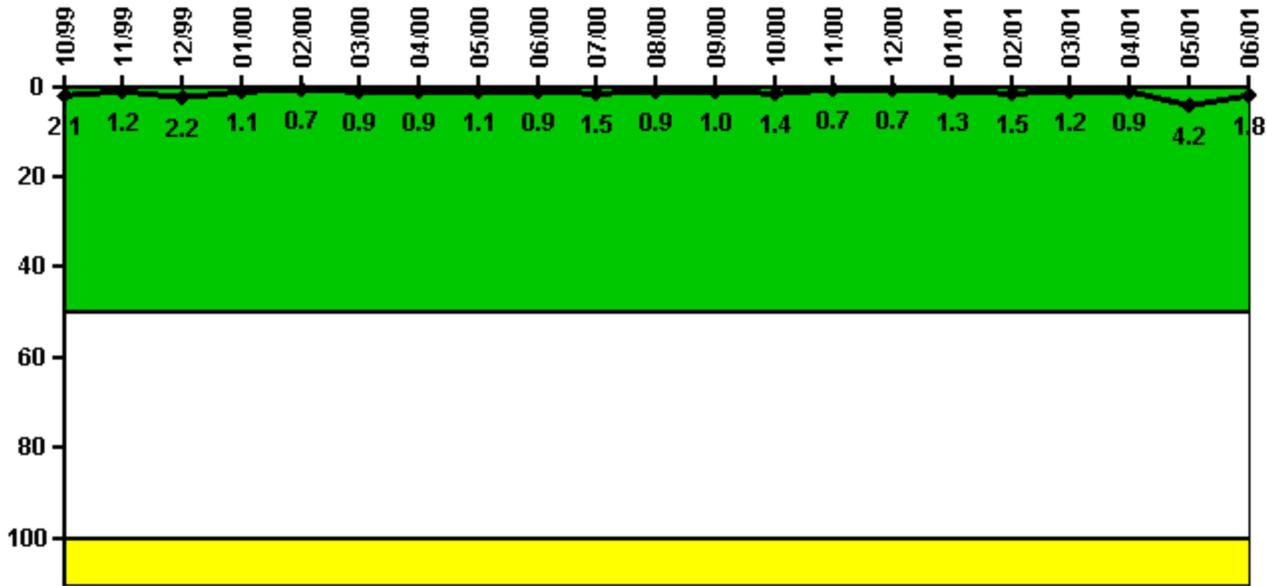
  

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.007460	0.007750	0.007890	0.008760	0.008790	0.009280	0.009330	0.006800	0.009600
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	2.1	2.2	2.3	2.5	2.5	2.7	2.7	1.9	2.7

Licensee Comments:

3/01: The data submitted electronically to the NRC on April 20, 2001 for March 2001 inadvertently reported a Max RCS activity of 0.009, when the actual activity was 0.00928 micro-Curies per gram dose equivalent I-131 for the month. The error was entered into the Corrective Action Program, and procedures are being revised to prevent a similar occurrence. The PI color is unchanged and remains GREEN.

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

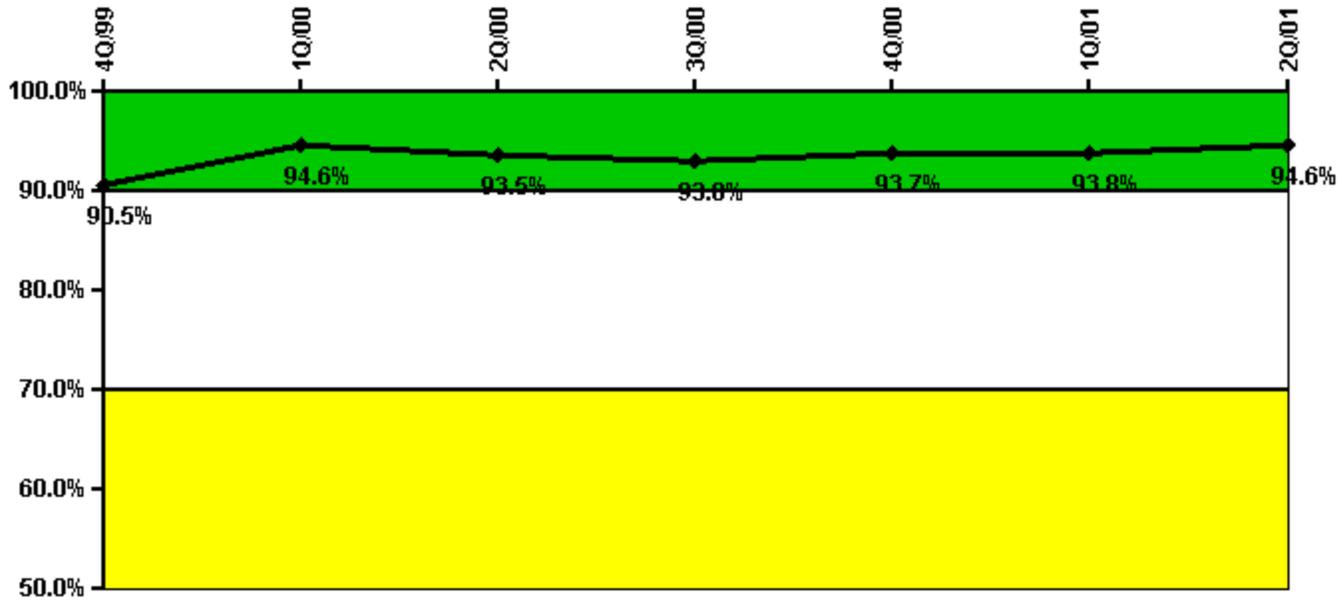
Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.209	0.118	0.218	0.105	0.069	0.087	0.086	0.113	0.087	0.147	0.085	0.104
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.1	1.2	2.2	1.1	0.7	0.9	0.9	1.1	0.9	1.5	0.9	1.0

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.141	0.075	0.067	0.130	0.148	0.118	0.092	0.420	0.178
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.4	0.7	0.7	1.3	1.5	1.2	0.9	4.2	1.8

Licensee Comments: none

### Drill/Exercise Performance



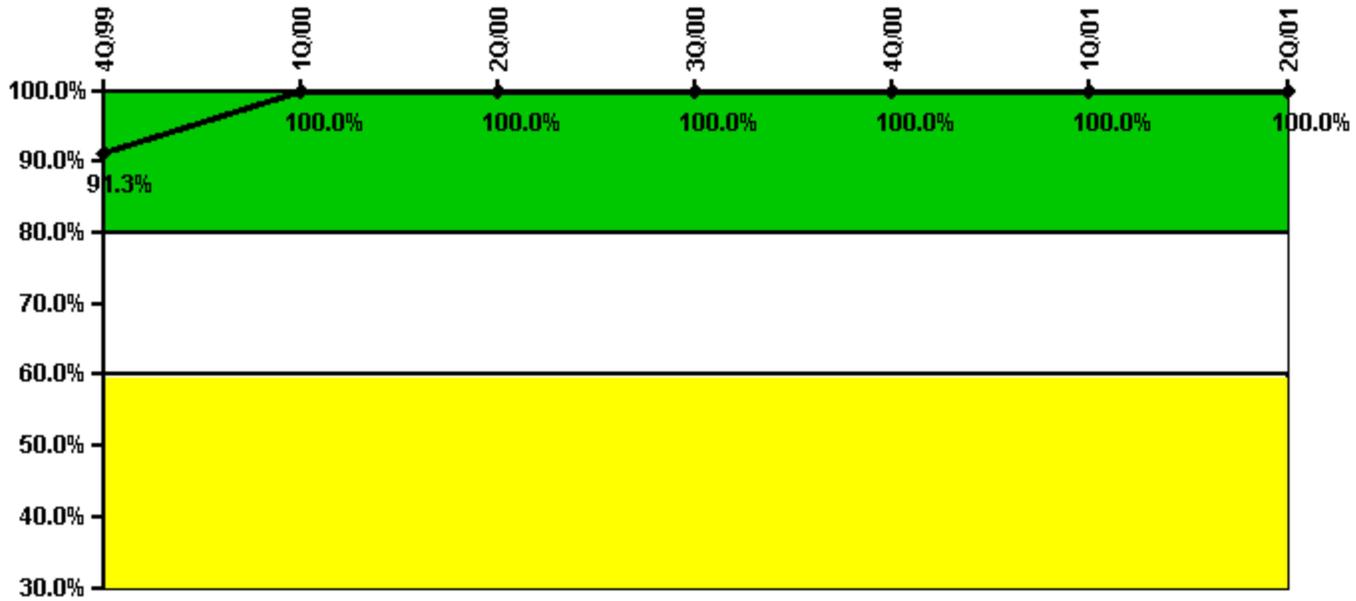
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	11.0	32.0	38.0	10.0	12.0	16.0	21.0
Total opportunities	12.0	32.0	41.0	12.0	12.0	17.0	22.0
Indicator value	90.5%	94.6%	93.5%	93.0%	93.7%	93.8%	94.6%

Licensee Comments: none

### ERO Drill Participation



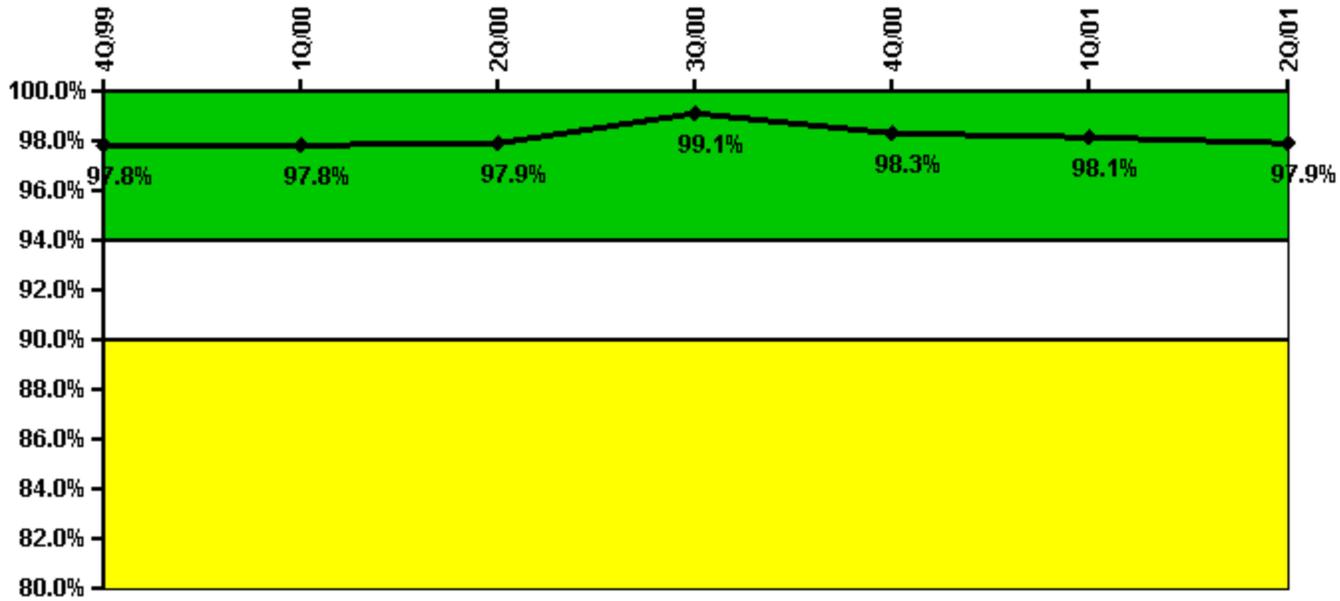
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	42.0	48.0	46.0	49.0	48.0	45.0	45.0
Total Key personnel	46.0	48.0	46.0	49.0	48.0	45.0	45.0
<b>Indicator value</b>	<b>91.3%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

Licensee Comments: none

### Alert & Notification System



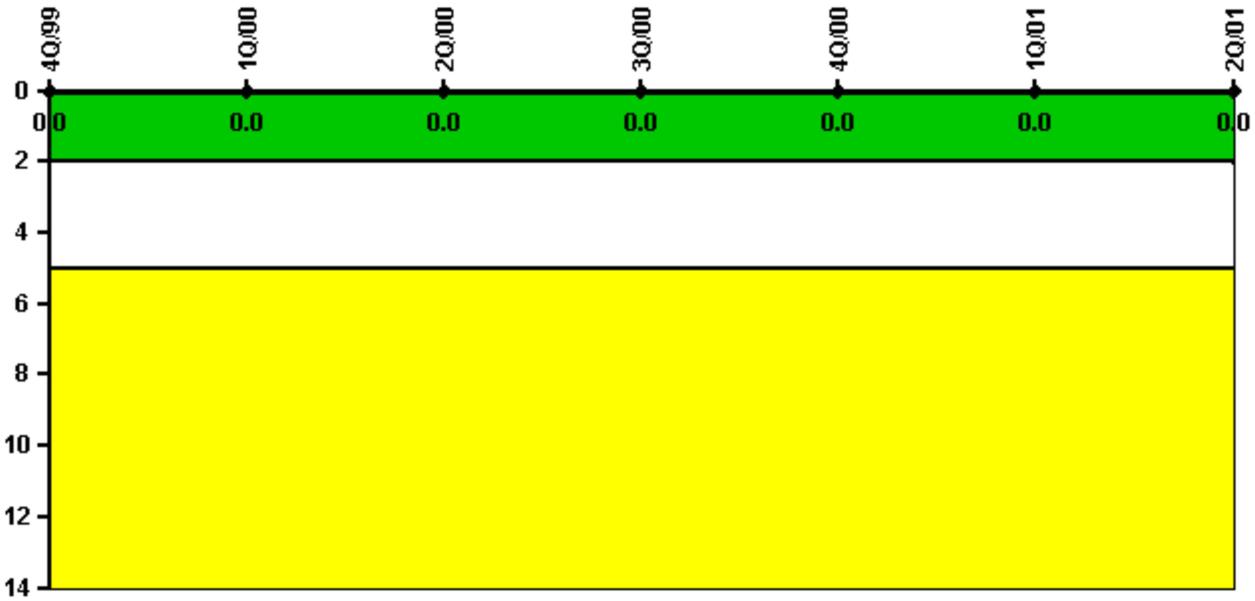
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	549	628	551	620	686	623	855
Total sirens-tests	553	632	553	632	711	632	869
Indicator value	97.8%	97.8%	97.9%	99.1%	98.3%	98.1%	97.9%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



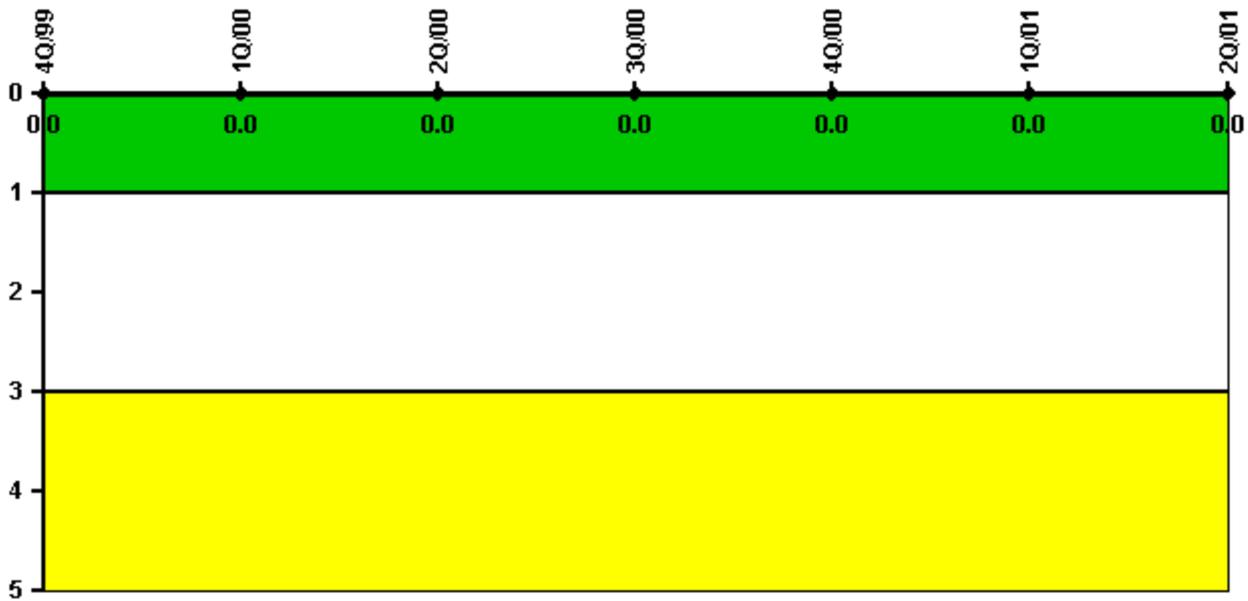
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
High radiation area occurrences	0	0	0	0	0	0	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>0</b>						

Licensee Comments: none

### RETS/ODCM Radiological Effluent



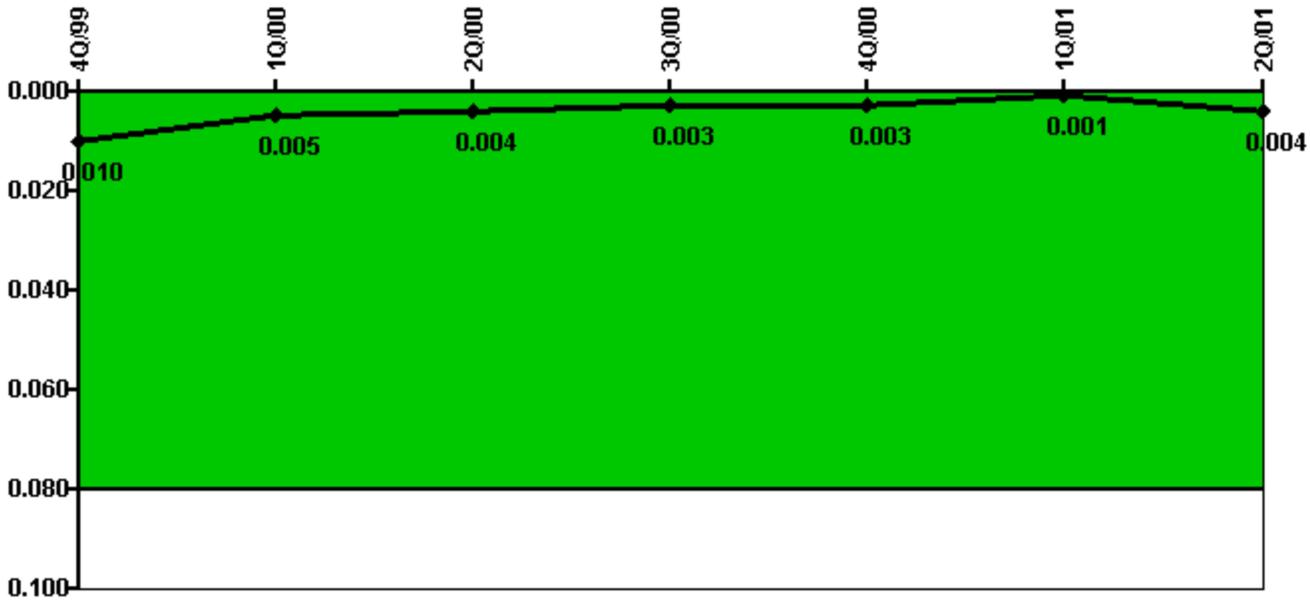
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	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



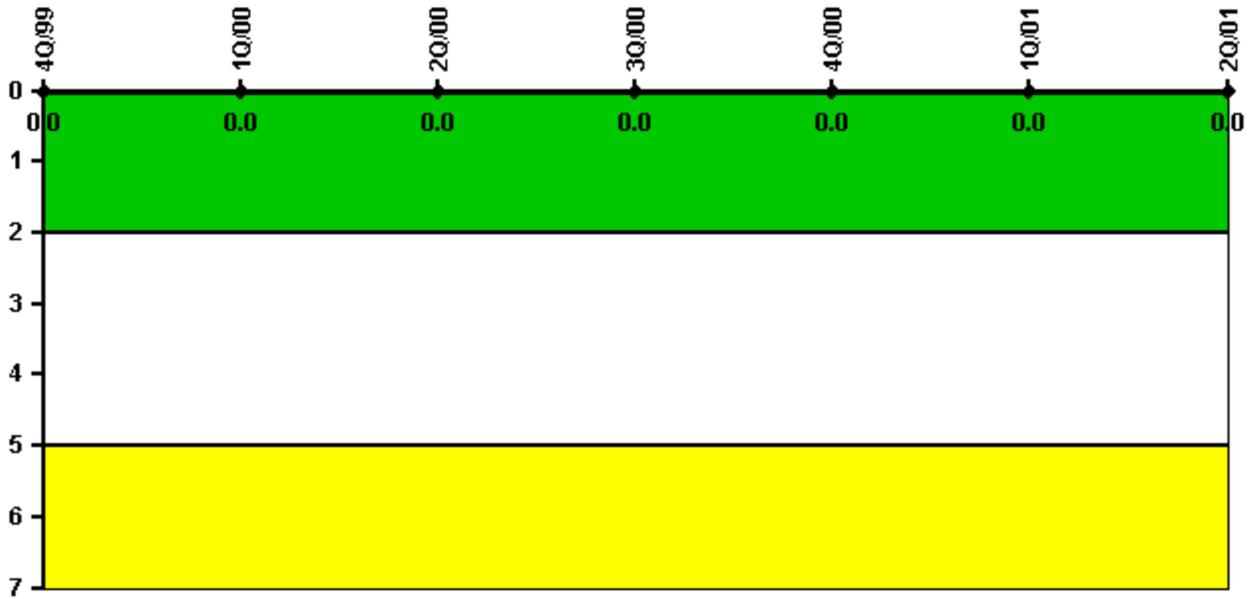
Thresholds: White > 0.080

#### Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	0	40.41	12.96	0.02	14.12	0	56.73
CCTV compensatory hours	13.8	0	1.1	1.8	0	0	6.3
IDS normalization factor	1.25	1.25	1.25	1.25	1.25	1.25	1.25
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0
<b>Index Value</b>	<b>0.010</b>	<b>0.005</b>	<b>0.004</b>	<b>0.003</b>	<b>0.003</b>	<b>0.001</b>	<b>0.004</b>

Licensee Comments: none

### Personnel Screening Program



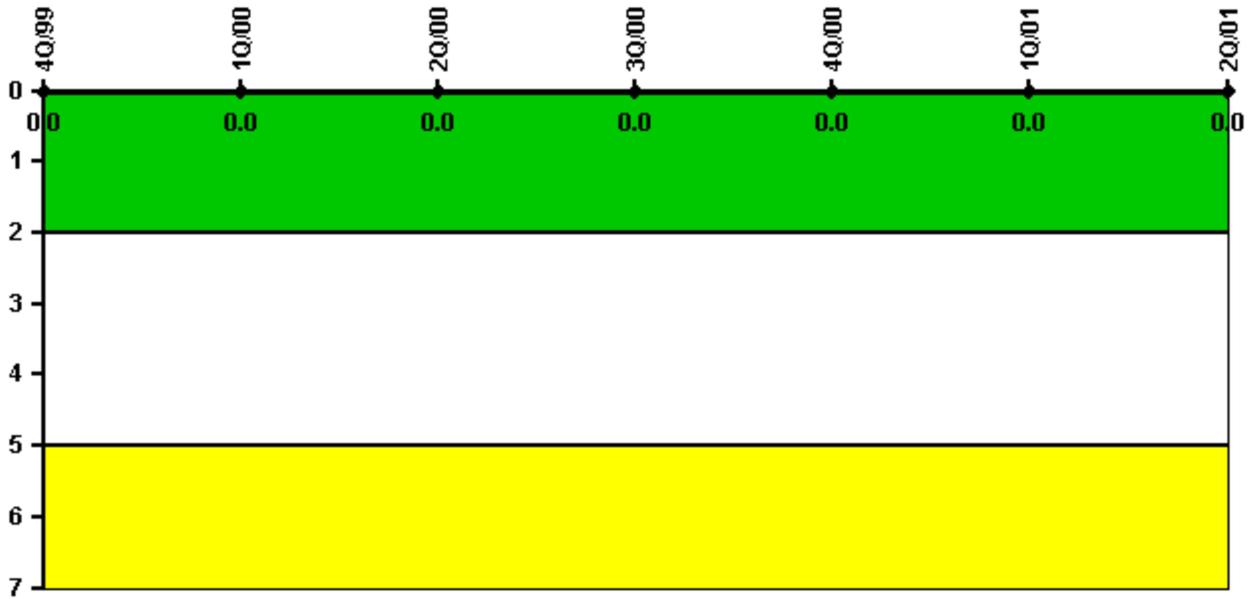
Thresholds: White > 2.0 Yellow > 5.0

#### 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