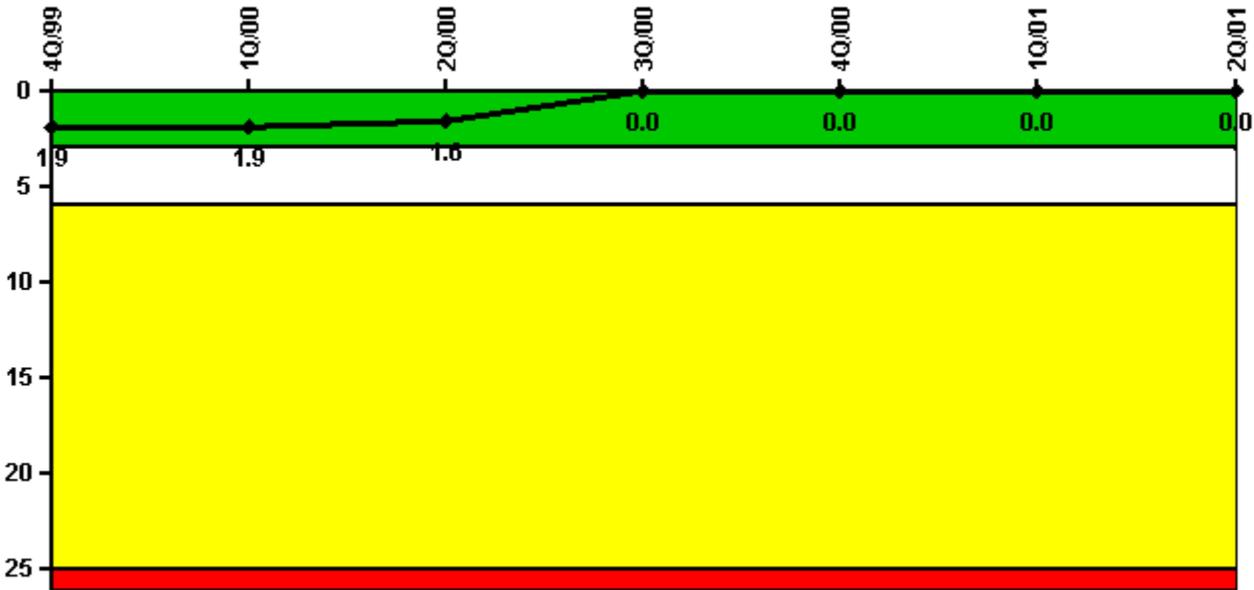


### Pilgrim 1

#### 2Q/2001 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



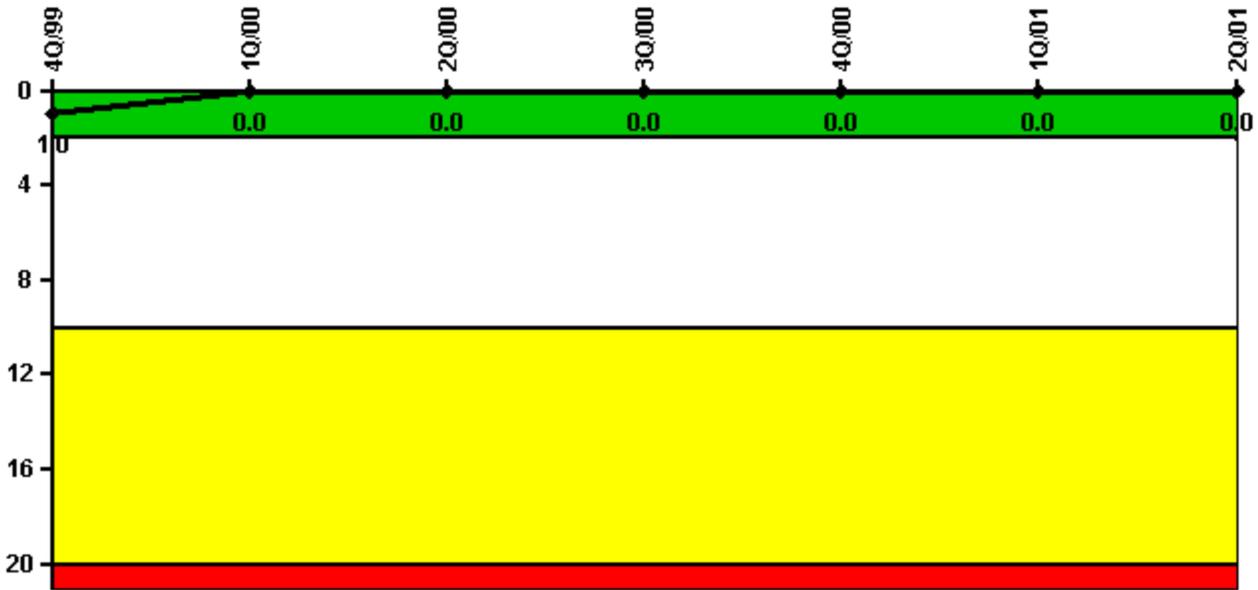
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### 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	2208.0	2184.0	2183.0	2156.1	2114.8	2160.0	1556.7
Indicator value	1.9	1.9	1.6	0	0	0	0

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



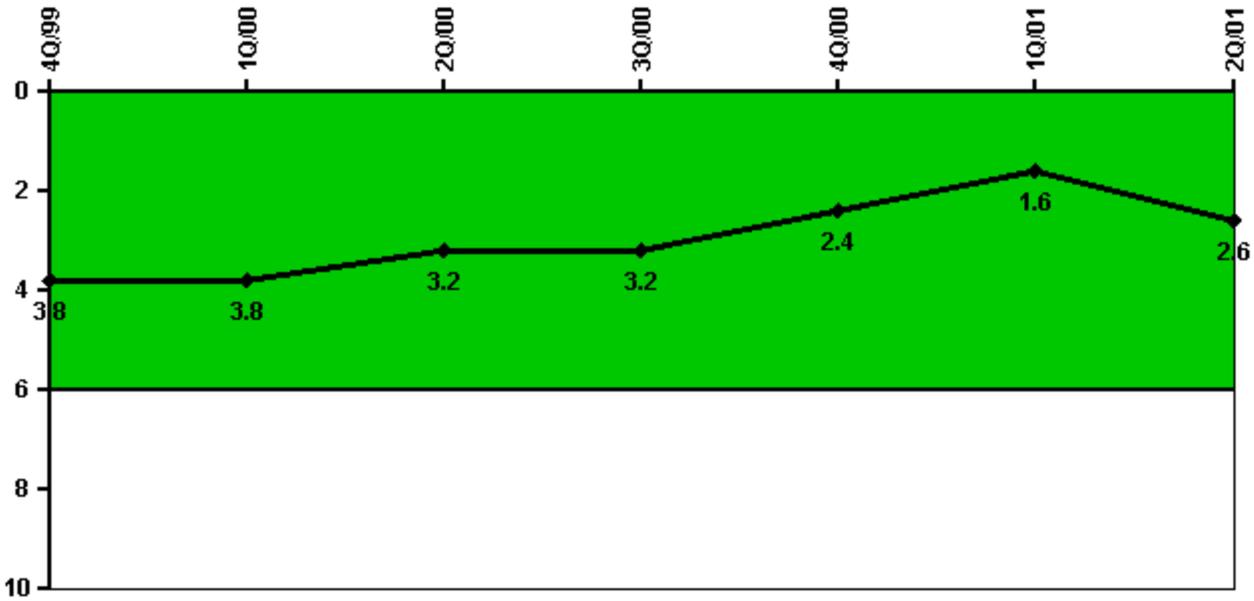
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### 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	0	0	0	0	0	0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

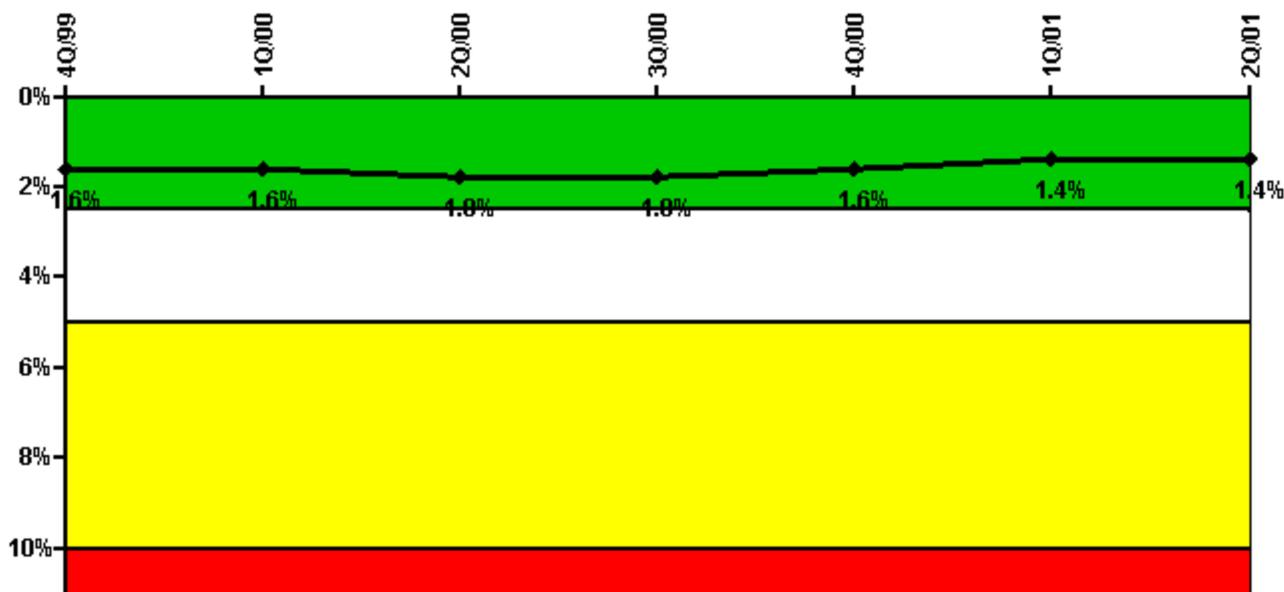
#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	1.0	1.0	0	2.0	0	0	1.0
Critical hours	2208.0	2184.0	2183.0	2156.1	2114.8	2160.0	1556.7
<b>Indicator value</b>	<b>3.8</b>	<b>3.8</b>	<b>3.2</b>	<b>3.2</b>	<b>2.4</b>	<b>1.6</b>	<b>2.6</b>

Licensee Comments:

2Q/01: Unplanned power reductions in the last 4 quarters on 8/21/2000, 9/29/2000, and 6/20/2001.

### Safety System Unavailability, Emergency AC Power



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

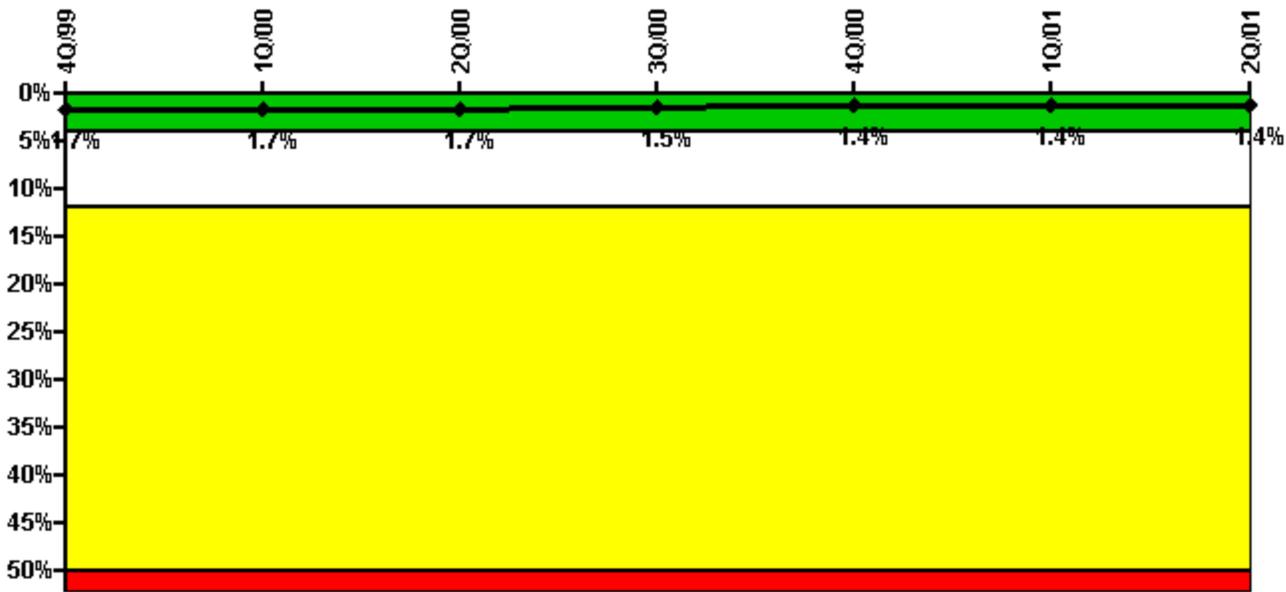
#### Notes

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	0	0	43.47	3.60	0	0.25	0.29
Unplanned unavailable hours	67.83	0	31.23	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	2208.00	2160.00	1573.25
<b>Train 2</b>							
Planned unavailable hours	0	2.25	0	16.00	0	0.35	1.13
Unplanned unavailable hours	0	0	80.20	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	2208.00	2160.00	1573.25
<b>Indicator value</b>	<b>1.6%</b>	<b>1.6%</b>	<b>1.8%</b>	<b>1.8%</b>	<b>1.6%</b>	<b>1.4%</b>	<b>1.4%</b>

Licensee Comments:

2Q/01: Reflects plant shutdown in April and plant startup in May for the 2001 refueling outage.

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



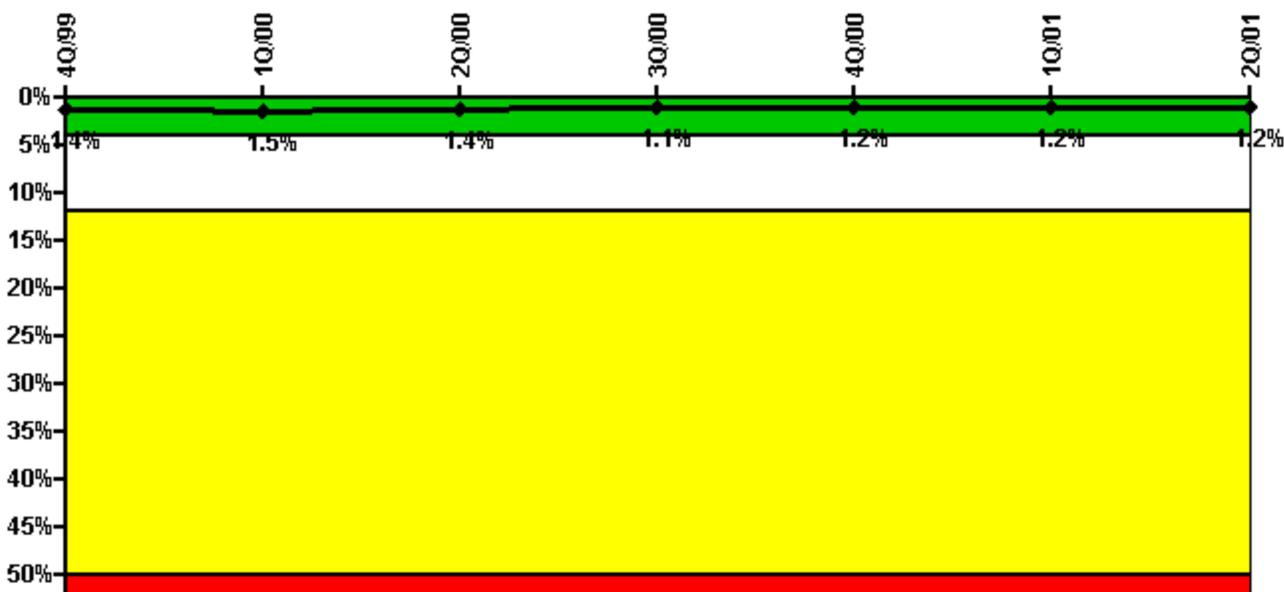
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

**Notes**

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	20.85	46.65	9.81	28.59	7.50	7.00	4.06
Unplanned unavailable hours	0	0	0.10	15.42	0	6.00	0
Fault exposure hours	0	0	0	11.79	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2116.00	2160.00	1525.00
<b>Indicator value</b>	<b>1.7%</b>	<b>1.7%</b>	<b>1.7%</b>	<b>1.5%</b>	<b>1.4%</b>	<b>1.4%</b>	<b>1.4%</b>

Licensee Comments: none

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



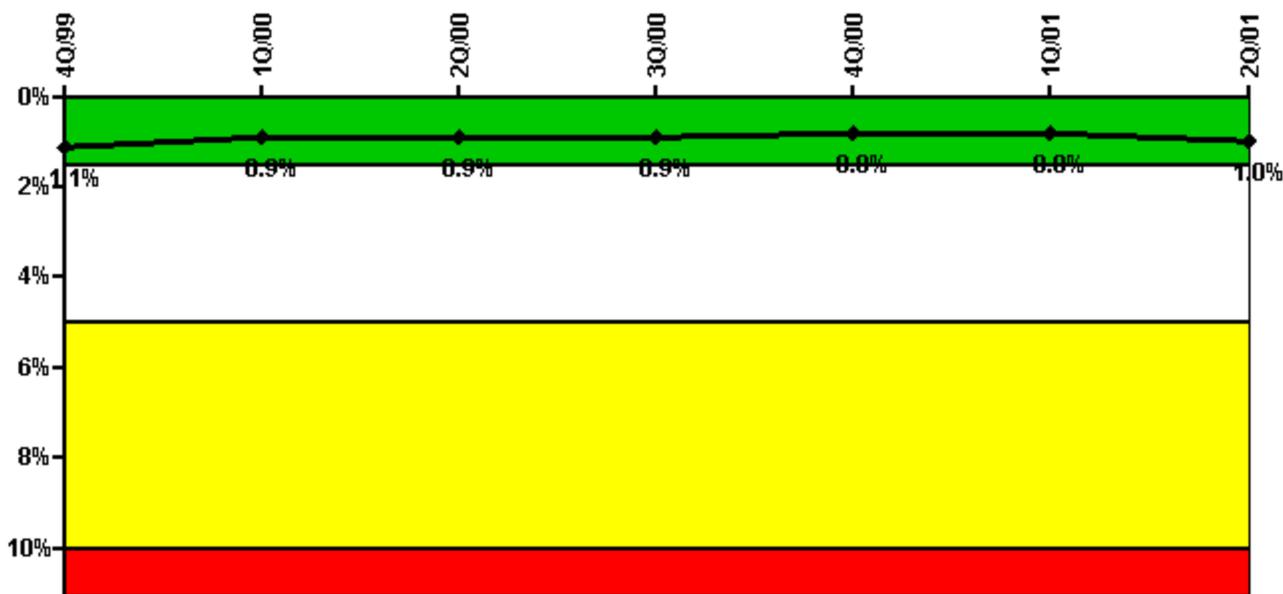
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
<b>Train 1</b>							
Planned unavailable hours	22.15	34.32	10.56	14.97	26.70	15.00	3.80
Unplanned unavailable hours	0	0	0	0	12.80	1.00	1.40
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	2116.00	2160.00	1525.00
<b>Indicator value</b>	<b>1.4%</b>	<b>1.5%</b>	<b>1.4%</b>	<b>1.1%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.2%</b>

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	2Q/01
<b>Train 1</b>							
Planned unavailable hours	5.65	0	0	0	6.62	18.95	0
Unplanned unavailable hours	0	0	0	0	0	1.68	0.30
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	2208.00	2160.00	2183.00
<b>Train 2</b>							
Planned unavailable hours	0	0	0	5.42	12.16	0	108.85
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	2208.00	2160.00	2183.00
<b>Indicator value</b>	<b>1.1%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>1.0%</b>

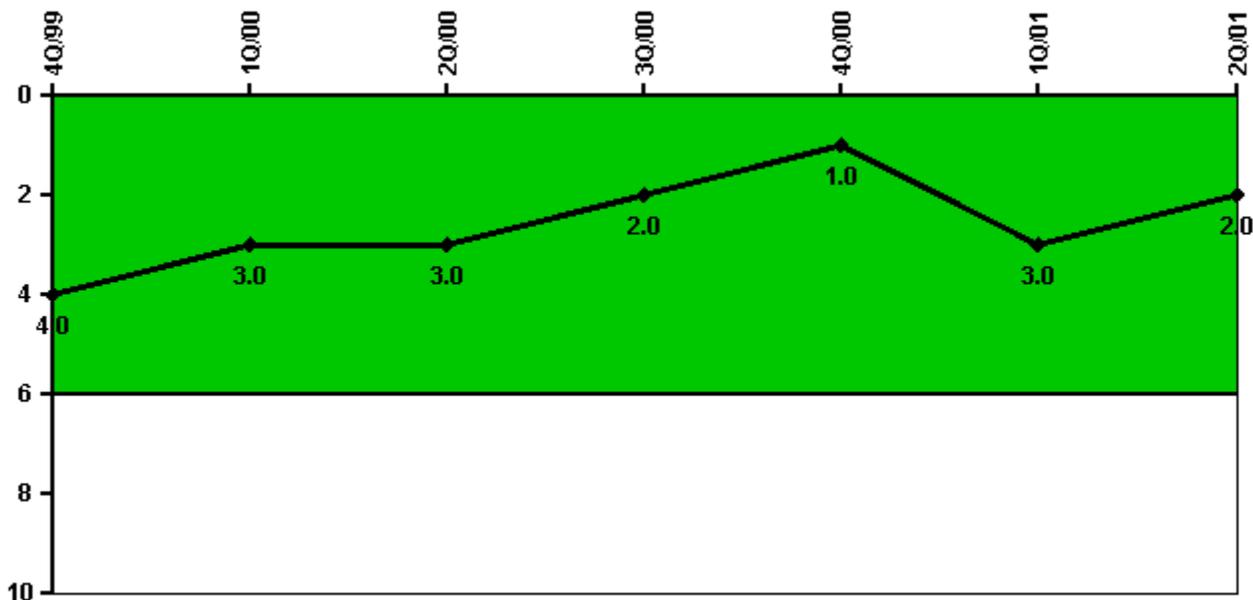
#### Licensee Comments:

2Q/01: Reflects revision of the Train 1 planned unavailability hours (from 53.03 to zero) and Train 2 planned unavailability hours (from 181.27 to 108.85).

2Q/01: Reflects revision of the Train 1 fault exposure hours for 1Q-2001 that is included in the change report for 1Q-2001.

1Q/01: The number of fault exposure hours for Train 1 was revised to zero hours (from 73.15 hours) as a result of further evaluation of the hours previously reported. The revision does not change the indicator color (green).

### Safety System Functional Failures (BWR)



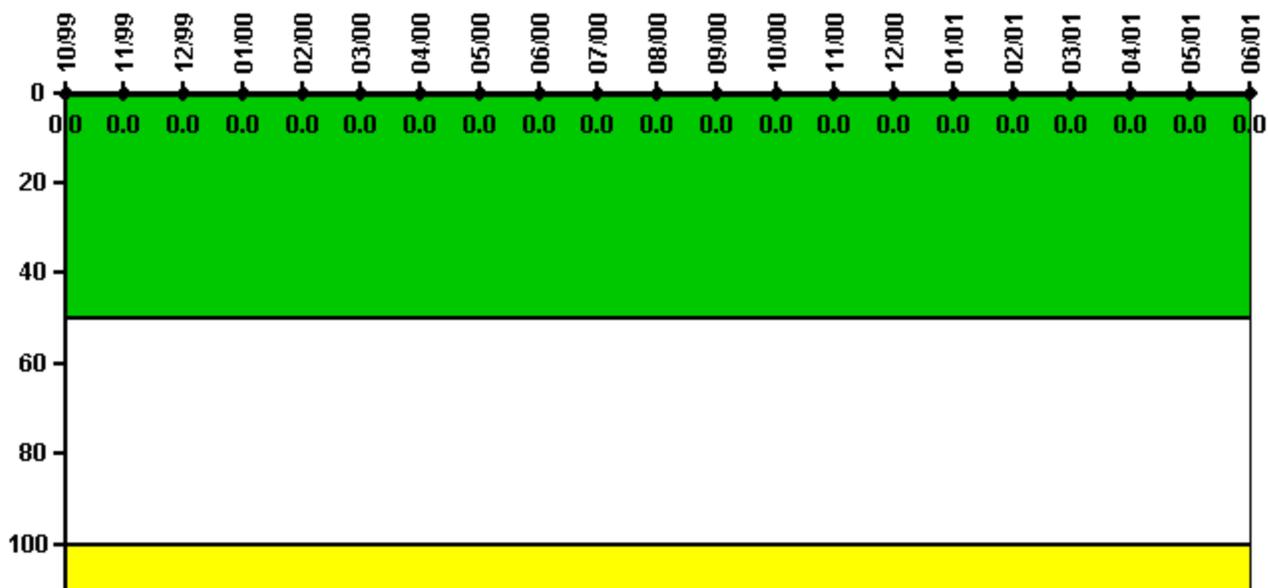
Thresholds: White > 6.0

#### Notes

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

Licensee Comments: none

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

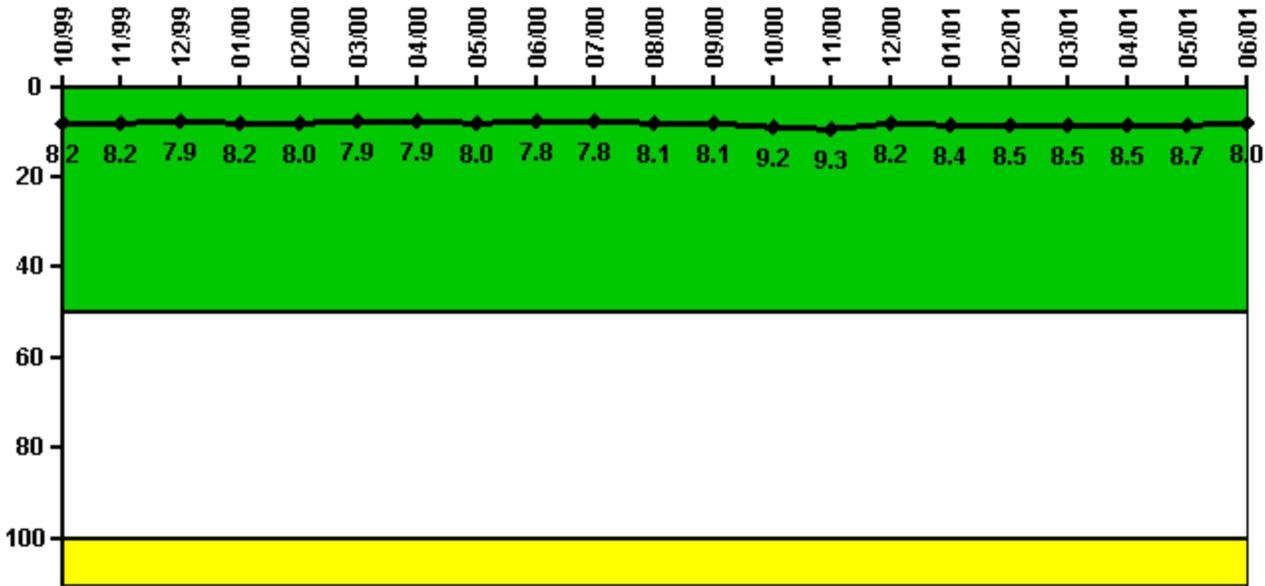
Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.005740	0.006420	0.003930	0.003070	0.003840	0.003940	0.005250	0.005940	0.004210	0.004550	0.004290	0.004100
Technical specification limit	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.004770	0.004320	0.005010	0.006560	0.002670	0.003420	0.003490	0.002800	0.003140
Technical specification limit	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Indicator value	0	0	0	0	0	0	0	0	0

Licensee Comments:

6/01: Maximum calculated RCS activity in micro-Curies per gram total Iodine. Technical Specifications specify total Iodine, does not specify dose equivalent Iodine-131.

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

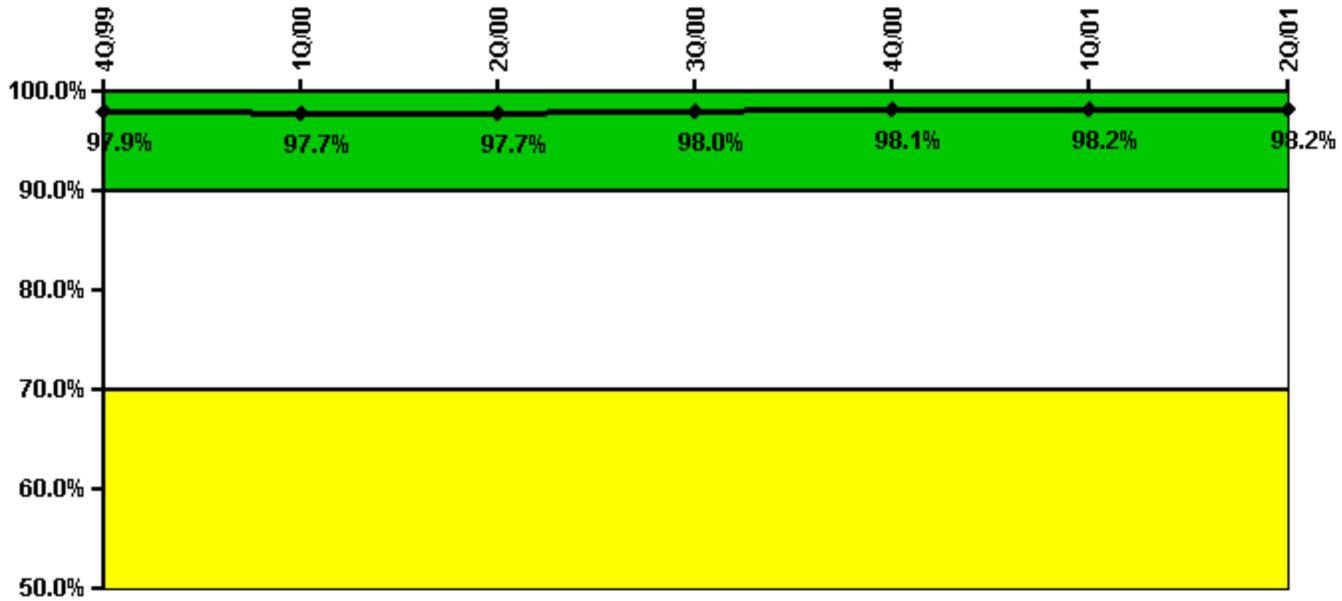
Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	2.040	2.060	1.970	2.060	2.010	1.970	1.980	1.990	1.950	1.950	2.020	2.030
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.2	8.2	7.9	8.2	8.0	7.9	7.9	8.0	7.8	7.8	8.1	8.1

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	2.300	2.330	2.040	2.100	2.130	2.130	2.120	2.180	2.000
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.2	9.3	8.2	8.4	8.5	8.5	8.5	8.7	8.0

Licensee Comments:

6/01: Maximum total leakage (un-identified plus identified) in gpm for each month. Technical Specifications specify un-identified leakage and total leakage, does not specify identified leakage.

### Drill/Exercise Performance



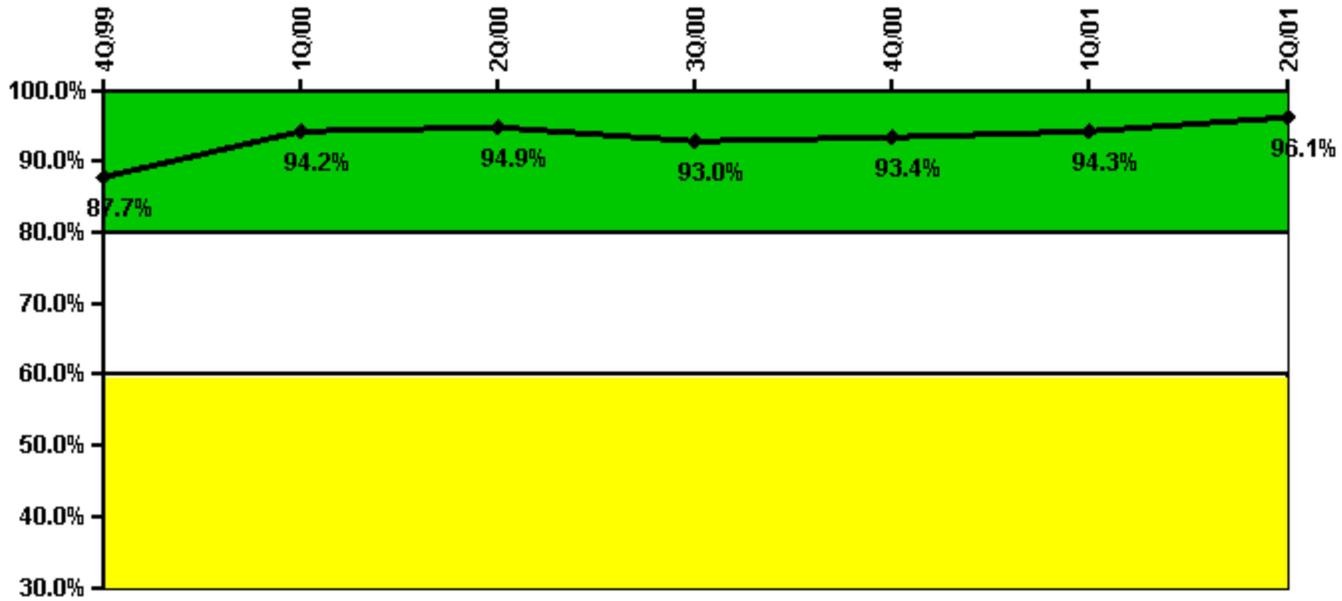
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	63.0	26.0	78.0	9.0	26.0	6.0	2.0
Total opportunities	65.0	27.0	79.0	9.0	26.0	6.0	2.0
Indicator value	97.9%	97.7%	97.7%	98.0%	98.1%	98.2%	98.2%

Licensee Comments: none

### ERO Drill Participation



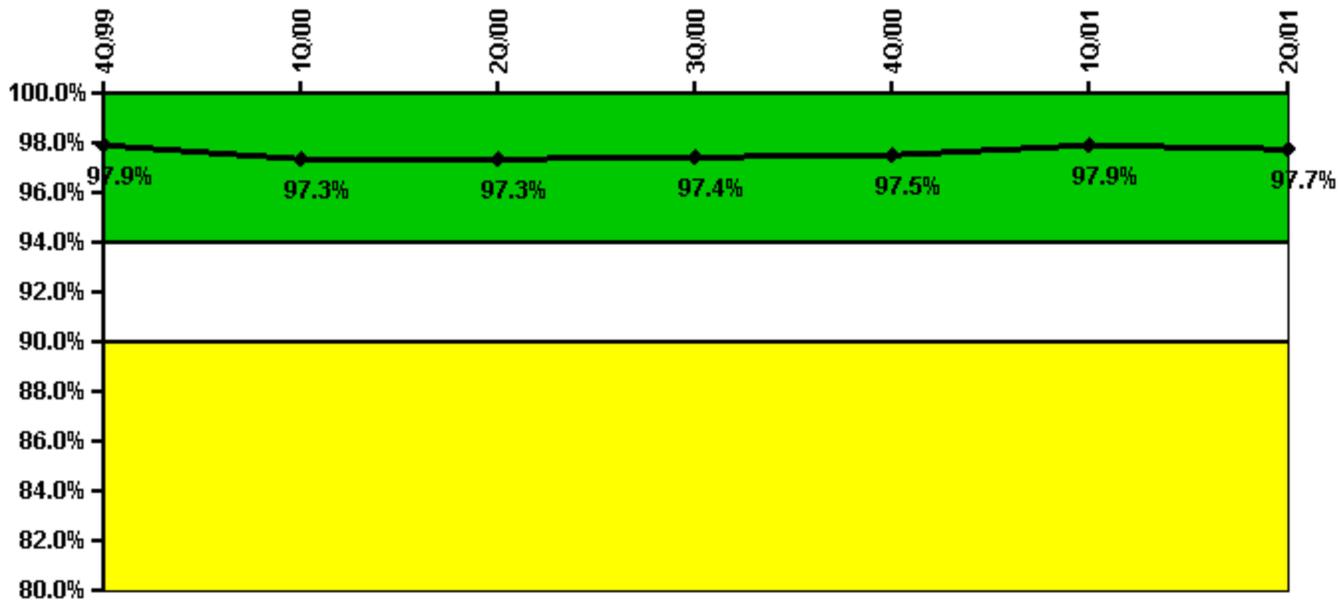
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	50.0	49.0	56.0	53.0	57.0	50.0	49.0
Total Key personnel	57.0	52.0	59.0	57.0	61.0	53.0	51.0
Indicator value	87.7%	94.2%	94.9%	93.0%	93.4%	94.3%	96.1%

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	436	324	330	328	437	330	328
Total sirens-tests	448	336	336	336	448	336	336
Indicator value	97.9%	97.3%	97.3%	97.4%	97.5%	97.9%	97.7%

#### Licensee Comments:

2Q/01: Reflects revisions of the number of successful siren tests and sirens tested in 4Q-1999, and revisions of the number of successful siren tests in 2Q-2000, 3Q-2000, 4Q-2000, and 1Q-2001. The revisions are reflected in the change reports for the respective quarter.

1Q/01: The number of successful siren tests for the quarter was revised to 330 (from 331) to reflect siren rotation criteria. The revision does not change the indicator color (green).

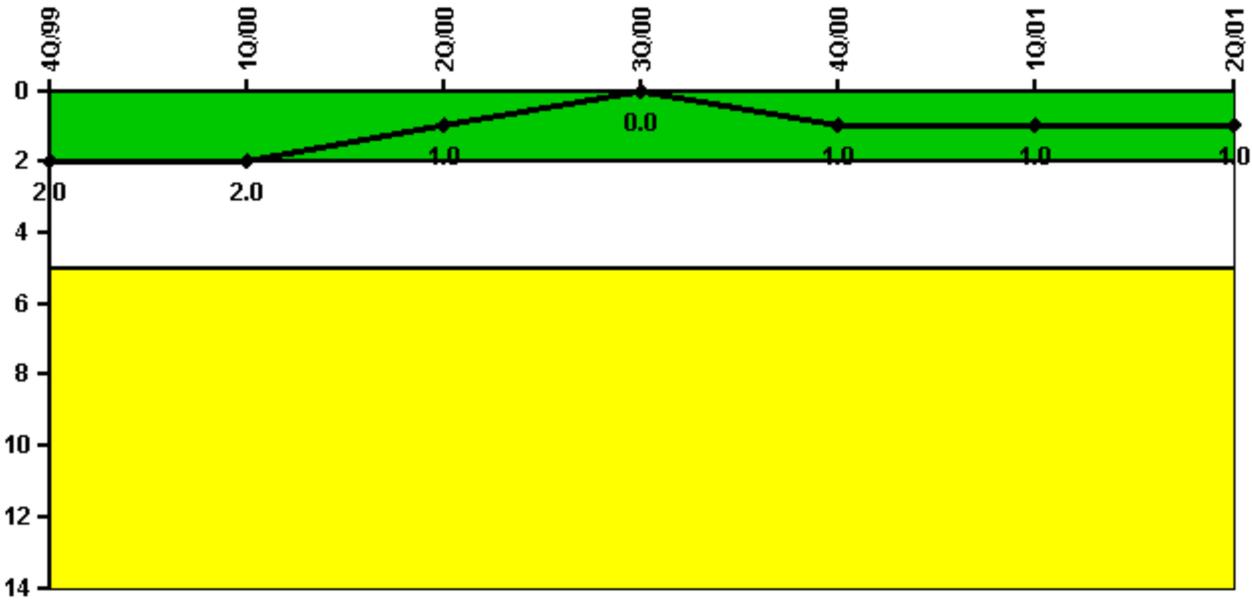
4Q/00: The number of successful siren tests for the quarter was revised to 437 (from 438) to reflect siren rotation criteria. The revision does not change the indicator color (green).

3Q/00: The number of successful siren tests in the quarter was revised to 328 (from 327) to reflect siren rotation criteria. The revision does not change the indicator color (green).

2Q/00: The number of successful siren tests for the quarter was revised to 330 (from 329) to reflect siren rotation criteria. The revision does not change the indicator color (green).

4Q/99: The number of successful siren tests and number of sirens tested during the quarter was revised to add the annual full functional siren test results for November 1999 that were not previously included in the 4Q-1999 data. The revision does not change the indicator color (green).

### Occupational Exposure Control Effectiveness



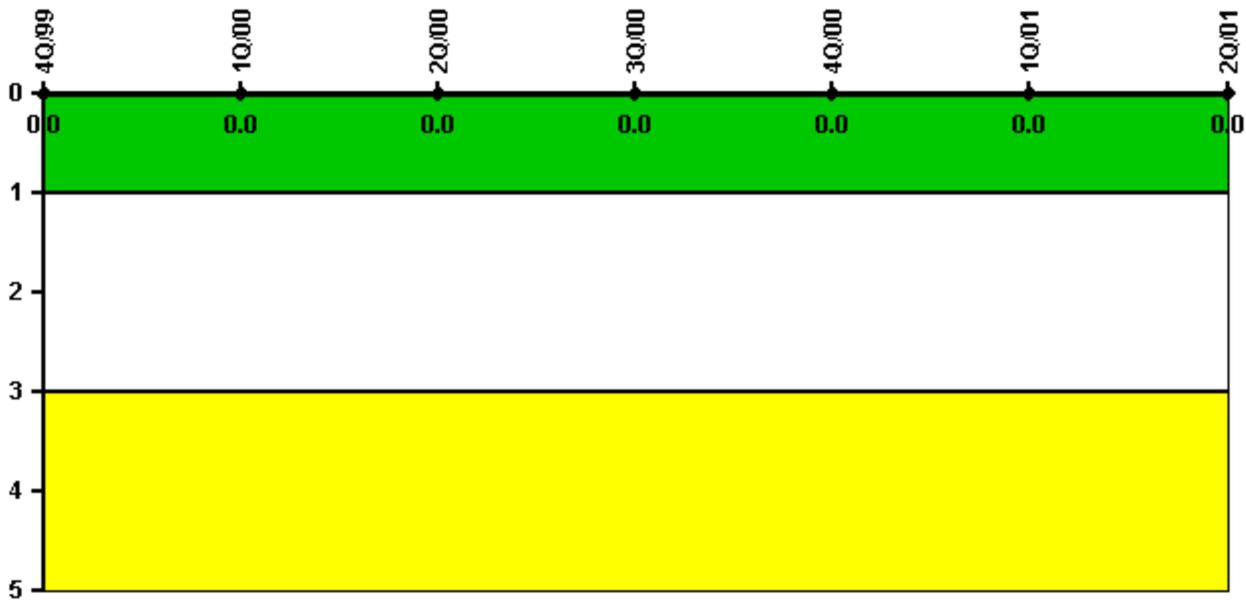
Thresholds: White > 2.0 Yellow > 5.0

#### 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	1	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>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

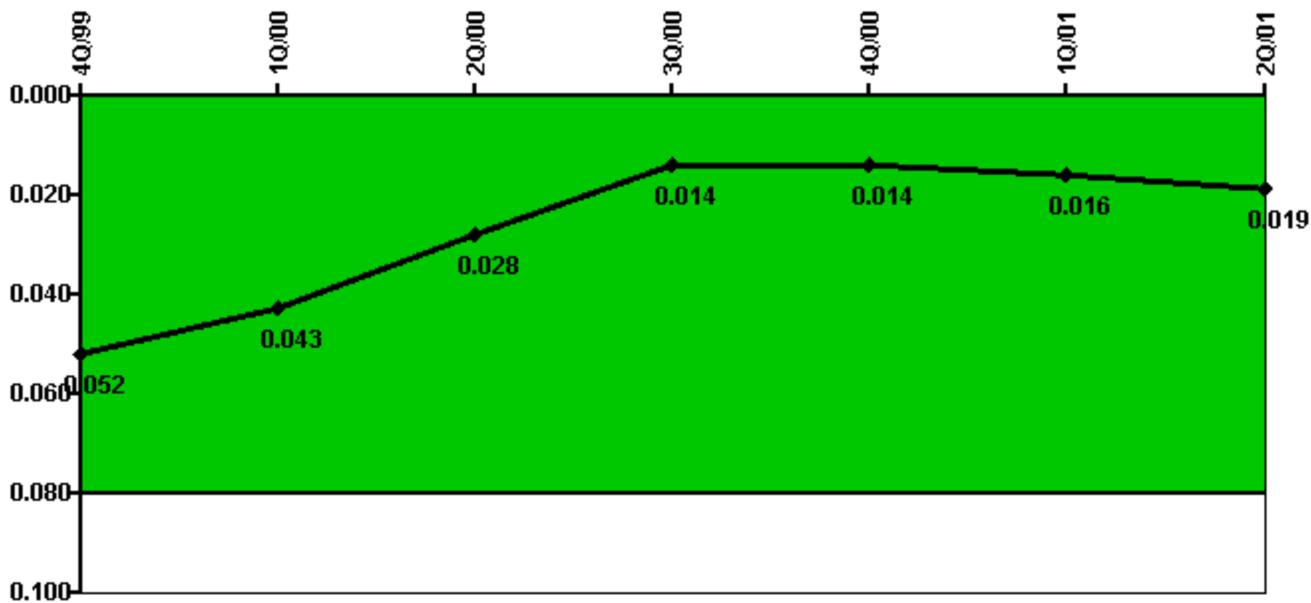
#### Notes

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:

2Q/01: Analysis results of effluents for June 2001 were not available when this data was submitted because the results of laboratory analysis of samples for June 2001 will not be available until August. Weekly calculations completed through June 30th indicate cumulative doses for 2Q-2001 were well below the specified values. The sample analysis results for 2Q-2001 will be reflected in the October 2001 data submittal (for 3Q-2001). The sample analysis results for 1Q-2001 were as reported in the April 2001 data submittal (for 1Q-2001).

### Protected Area Security Performance Index



Thresholds: White > 0.080

#### Notes

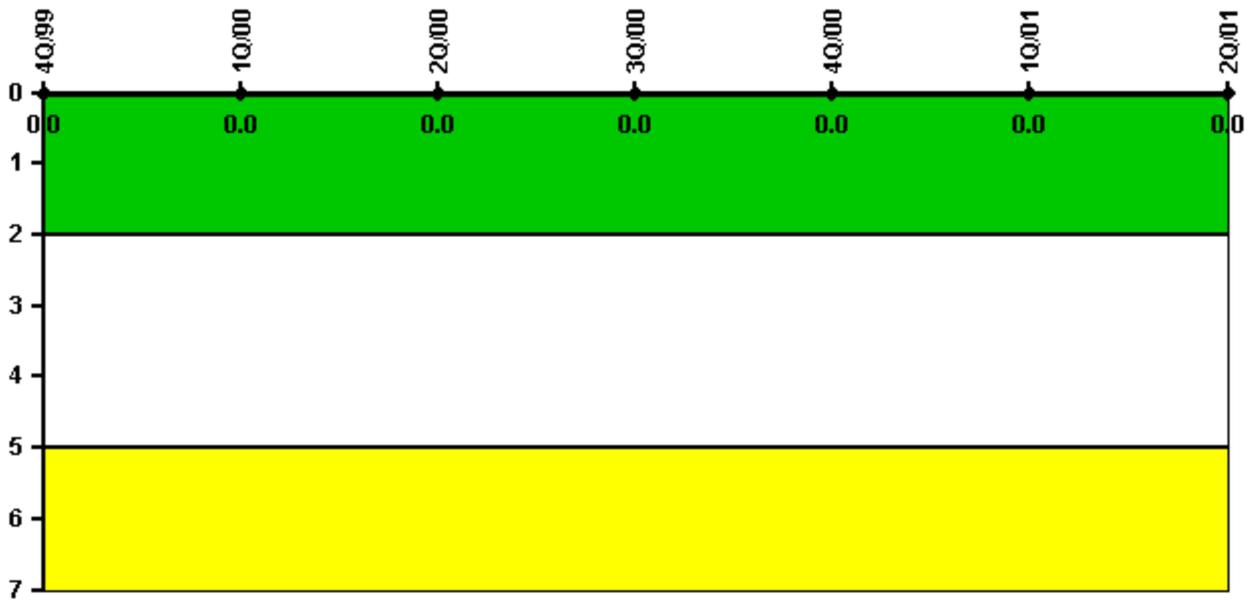
Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	61.00	93.50	95.60	268.90	60.10	137.10	151.10
CCTV compensatory hours	0	0	0	0	0	12.4	36.6
IDS normalization factor	2.30	2.30	2.15	2.15	2.15	2.15	2.15
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.052	0.043	0.028	0.014	0.014	0.016	0.019

#### Licensee Comments:

2Q/01: Reflects revision of the number of IDS compensatory hours for 4Q-2000 that is reported in the change report for 4Q-2000.

4Q/00: The number of IDS compensatory hours for the quarter was revised to 60.1 (from 13.6). The revision does not change the indicator color (green).

### Personnel Screening Program



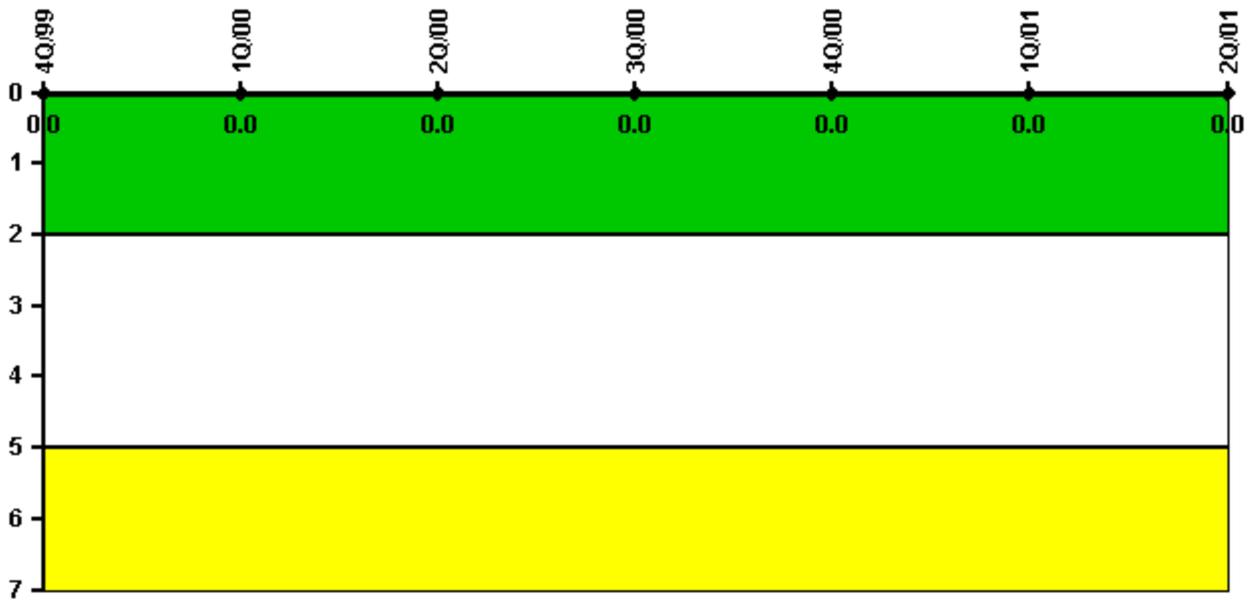
Thresholds: White > 2.0 Yellow > 5.0

#### 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