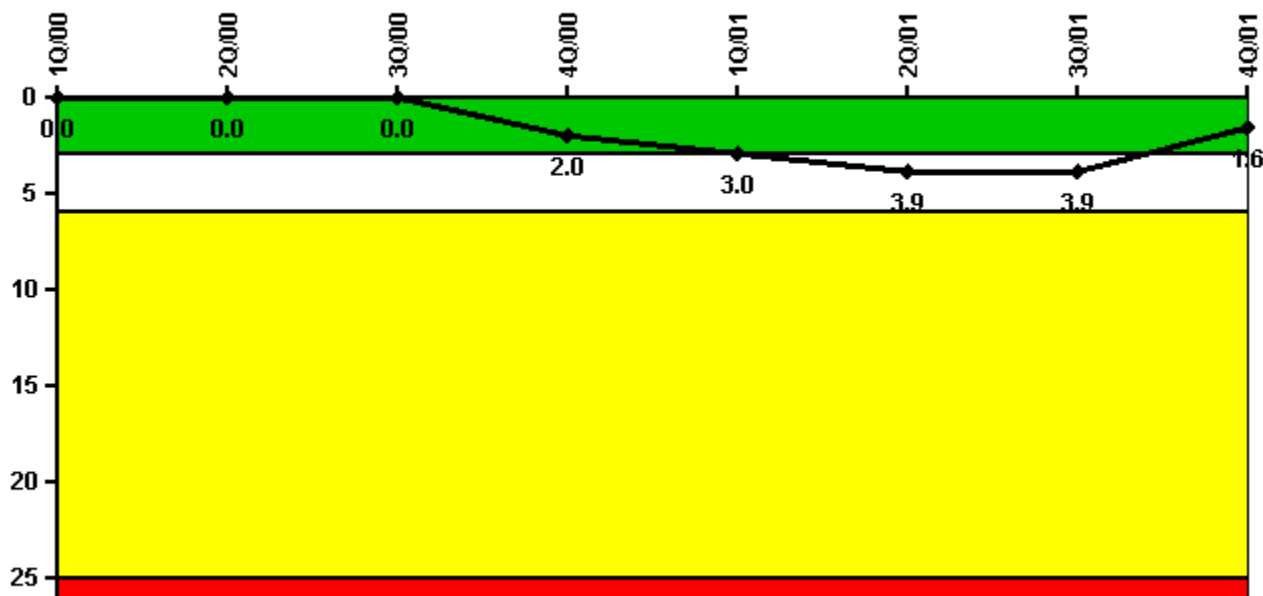


**Point Beach 2**

**4Q/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**

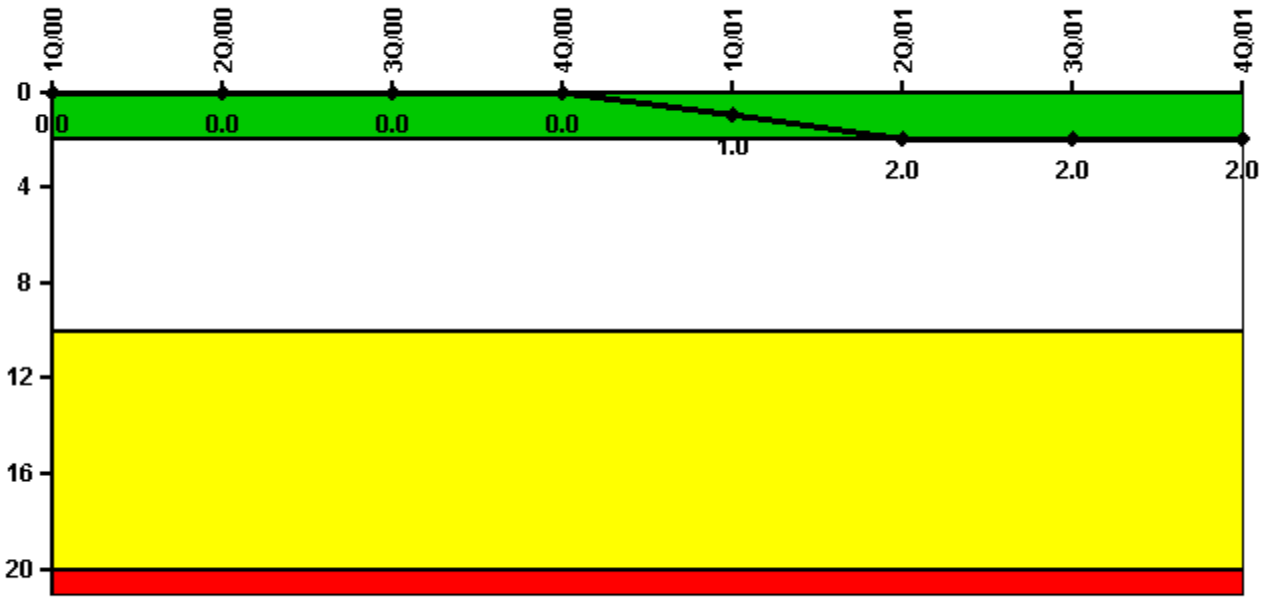
Unplanned Scrams per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned scrams	0	0	0	2.0	1.0	1.0	0	0
Critical hours	2184.0	2086.5	2208.0	688.7	2119.8	2143.2	2208.0	2209.0
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2.0</b>	<b>3.0</b>	<b>3.9</b>	<b>3.9</b>	<b>1.6</b>

Licensee Comments:

4Q/01: June data corrected from 680.1 to 680.2 critical hours. Critical hours 2Q were thus changed from 2143.1 to 2143.2. See Corrective Action (CA002466).

2Q/01: June data corrected from 680.1 to 680.2 critical hours. Critical hours 2Q were thus changed from 2143.1 to 2143.2. See Corrective Action (CA002466).

### Scrams with Loss of Normal Heat Removal



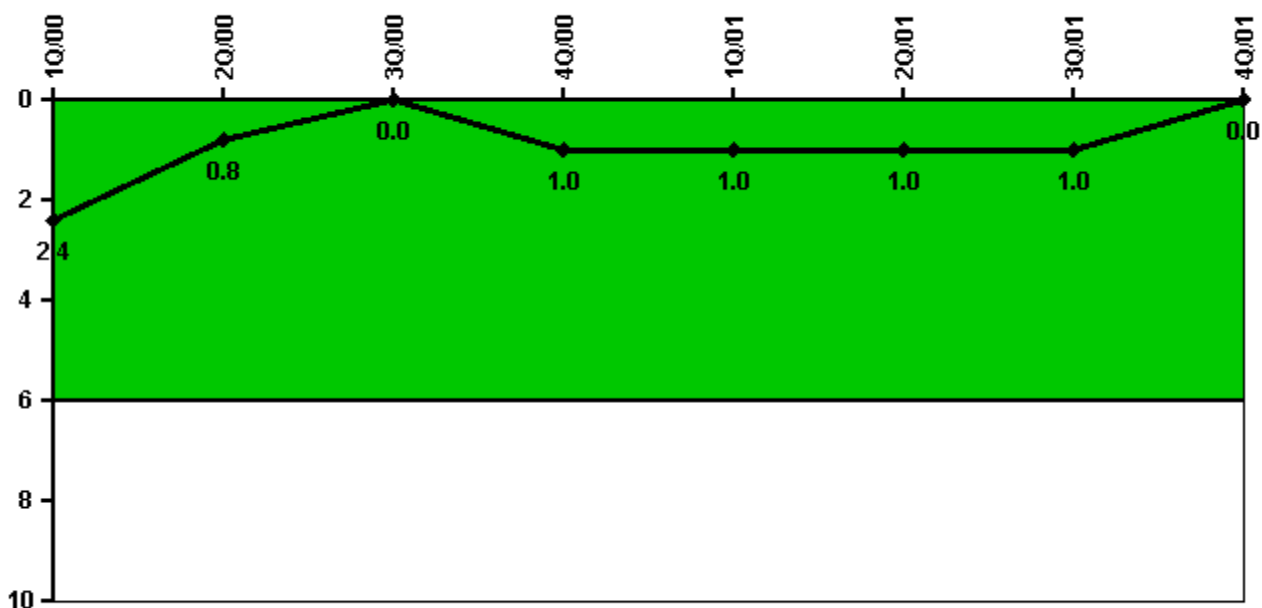
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

#### Notes

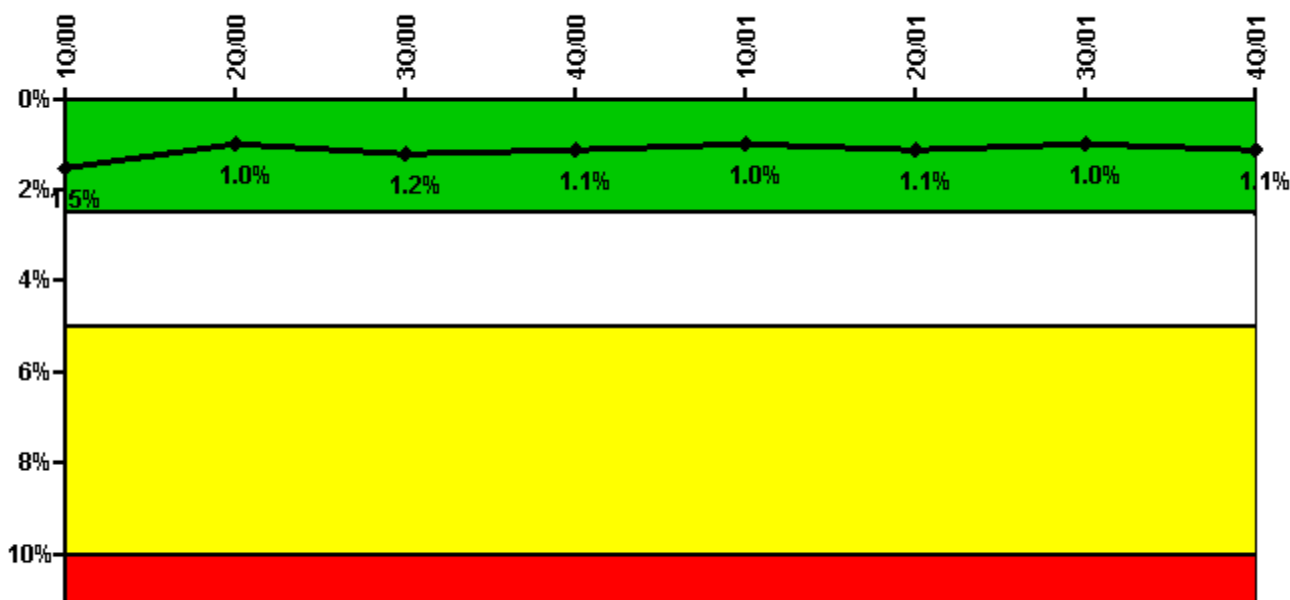
Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2184.0	2086.5	2208.0	688.7	2119.8	2143.2	2208.0	2209.0
Indicator value	2.4	0.8	0	1.0	1.0	1.0	1.0	0

#### Licensee Comments:

4Q/01: June data corrected from 680.1 to 680.2 critical hours. Critical hours 2Q were thus changed from 2143.1 to 2143.2. See Corrective Action (CA002466).

2Q/01: June data corrected from 680.1 to 680.2 critical hours. Critical hours 2Q were thus changed from 2143.1 to 2143.2. See Corrective Action (CA002466).

### Safety System Unavailability, Emergency AC Power



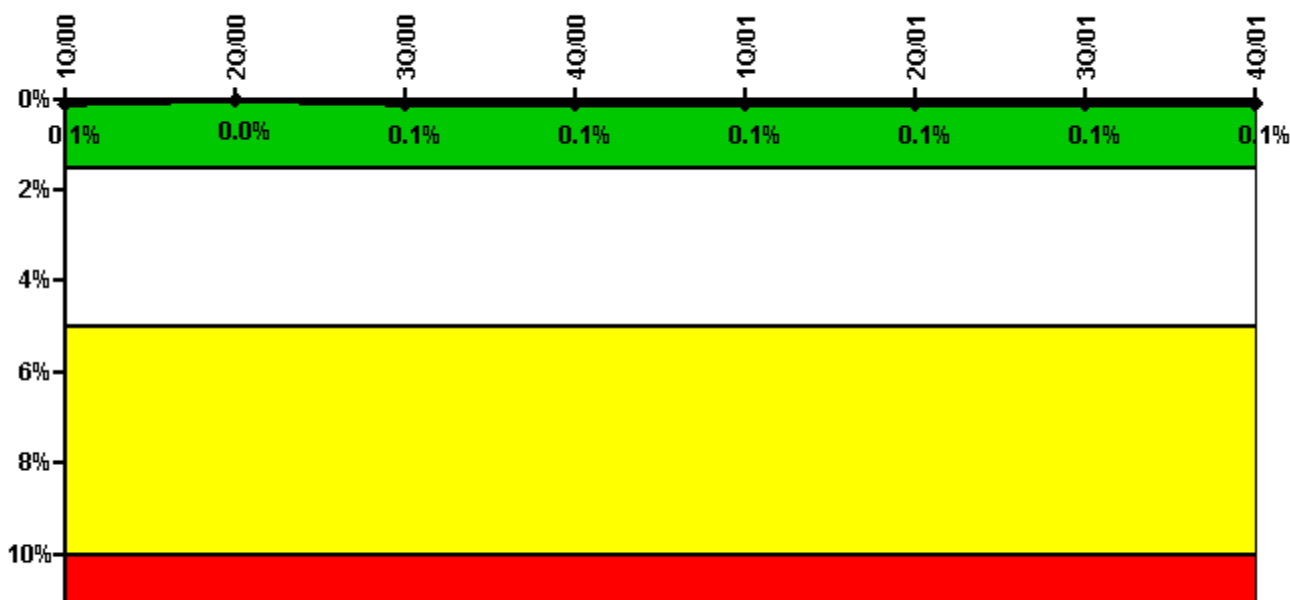
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Emergency AC Power	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
<b>Train 1</b>								
Planned unavailable hours	54.10	29.20	33.50	17.70	17.22	23.61	18.78	14.67
Unplanned unavailable hours	14.28	0	3.57	0	0	0	0	0.43
Fault exposure hours	0	0	13.88	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
<b>Train 2</b>								
Planned unavailable hours	12.73	18.87	46.43	11.95	35.88	34.30	16.36	62.83
Unplanned unavailable hours	0	3.28	6.52	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
<b>Indicator value</b>	<b>1.5%</b>	<b>1.0%</b>	<b>1.2%</b>	<b>1.1%</b>	<b>1.0%</b>	<b>1.1%</b>	<b>1.0%</b>	<b>1.1%</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)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
<b>Train 1</b>								
Planned unavailable hours	0.50	0	9.80	0	2.27	3.97	4.39	11.64
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2087.00	2208.00	715.50	2160.00	2143.20	2208.00	2209.00
<b>Train 2</b>								
Planned unavailable hours	0.50	0	15.00	0	0	1.05	2.85	9.01
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2087.00	2208.00	715.50	2160.00	2143.20	2208.00	2209.00
<b>Indicator value</b>	<b>0.1%</b>	<b>0%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.1%</b>

Licensee Comments: none

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



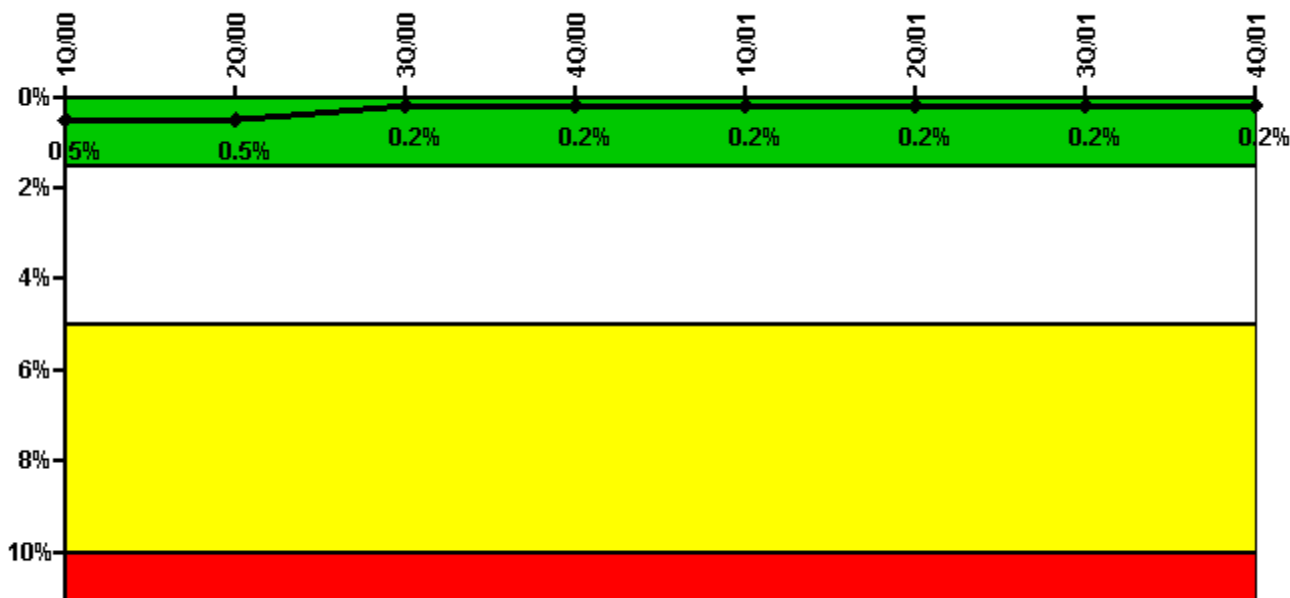
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

#### Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
<b>Train 1</b>								
Planned unavailable hours	6.53	3.90	9.70	8.13	3.65	8.44	19.14	5.83
Unplanned unavailable hours	5.30	0	0	1.35	1.17	19.33	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	931.85	2160.00	2183.00	2208.00	2209.00
<b>Train 2</b>								
Planned unavailable hours	2.58	18.10	6.05	0.22	23.50	62.40	6.60	3.23
Unplanned unavailable hours	0	0	0	0	16.35	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	931.85	2160.00	2183.00	2208.00	2209.00
<b>Train 3</b>								
Planned unavailable hours	2.20	17.70	34.55	0.51	5.80	45.20	13.69	2.02
Unplanned unavailable hours	0	20.60	0	0	0.22	17.58	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	931.85	2160.00	2183.00	2208.00	2209.00
<b>Indicator value</b>	<b>0.9%</b>	<b>0.9%</b>	<b>1.0%</b>	<b>0.9%</b>	<b>1.0%</b>	<b>1.0%</b>	<b>1.1%</b>	<b>1.0%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



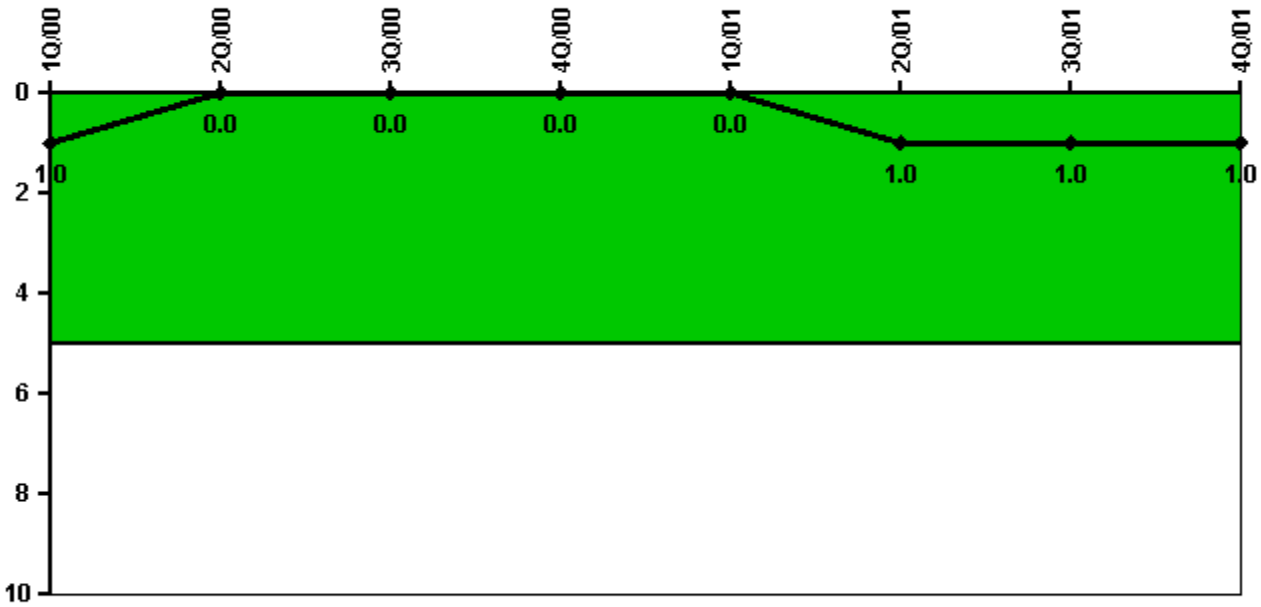
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Residual Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
<b>Train 1</b>								
Planned unavailable hours	1.00	22.00	9.50	6.50	0	0	1.55	7.69
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	1843.00	2119.80	2183.00	2208.00	2209.00
<b>Train 2</b>								
Planned unavailable hours	0.70	0	19.80	6.50	0	0	1.25	8.28
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	1843.00	2119.80	2183.00	2208.00	2209.00
<b>Indicator value</b>	<b>0.5%</b>	<b>0.5%</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: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

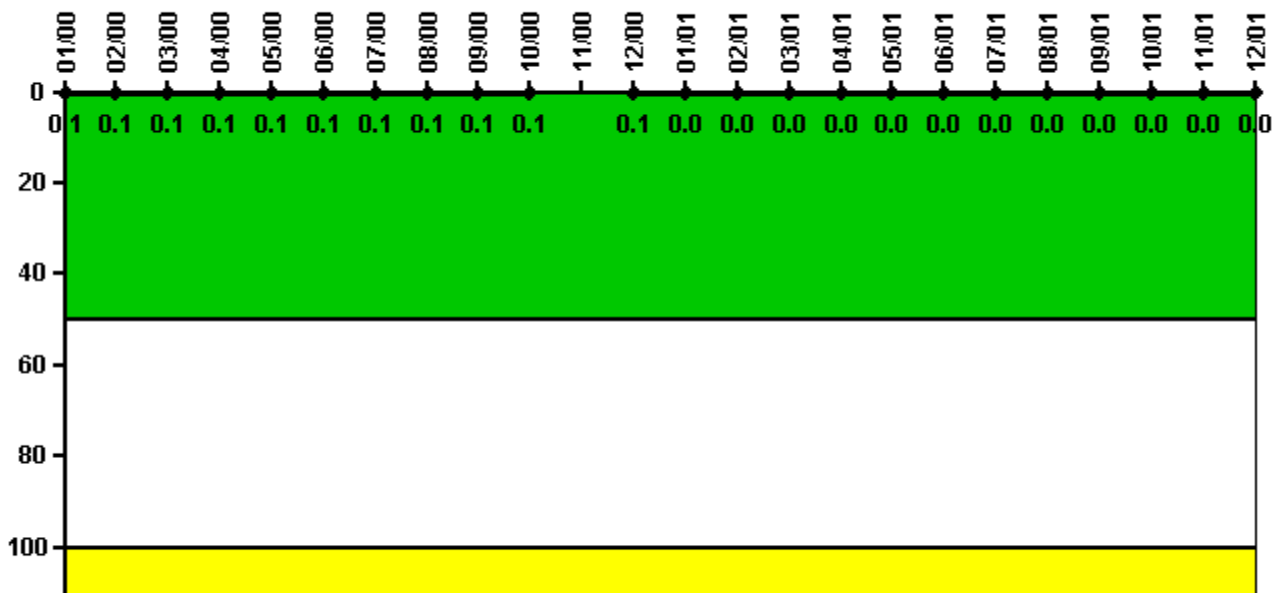
#### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

### Notes

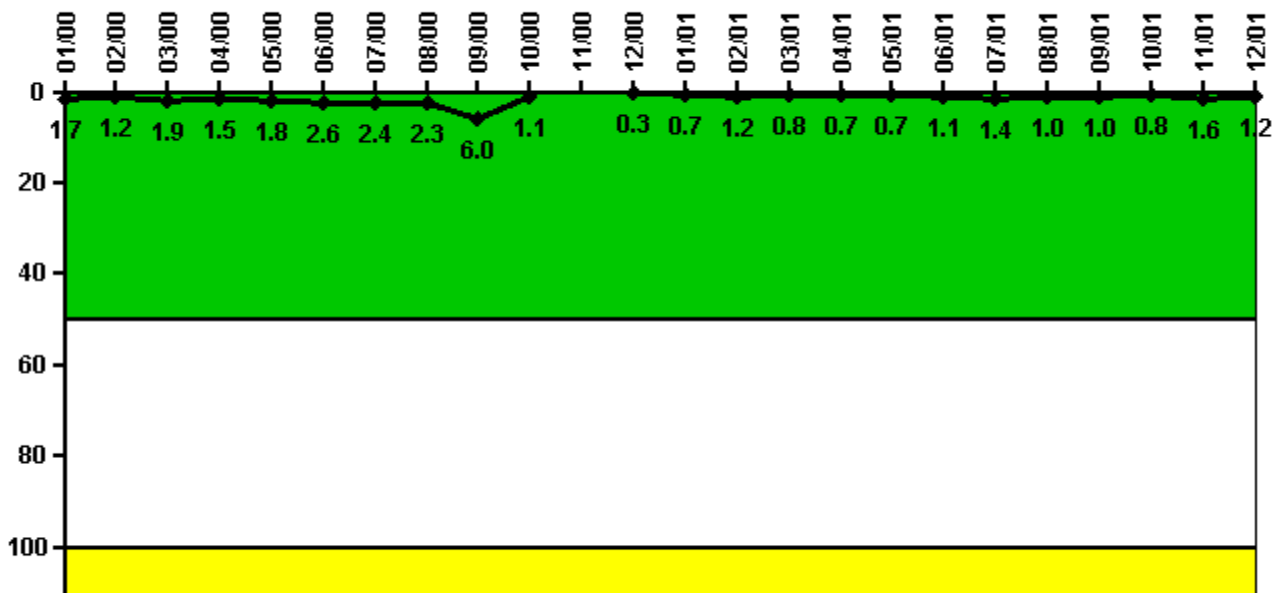
Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.000543	0.000593	0.000621	0.000653	0.000601	0.000579	0.000650	0.000655	0.000642	0.000660	N/A	0.000464
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	0.1

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.000243	0.000262	0.000263	0.000294	0.000297	0.000291	0.000350	0.000306	0.000284	0.000280	0.000289	0.000298
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

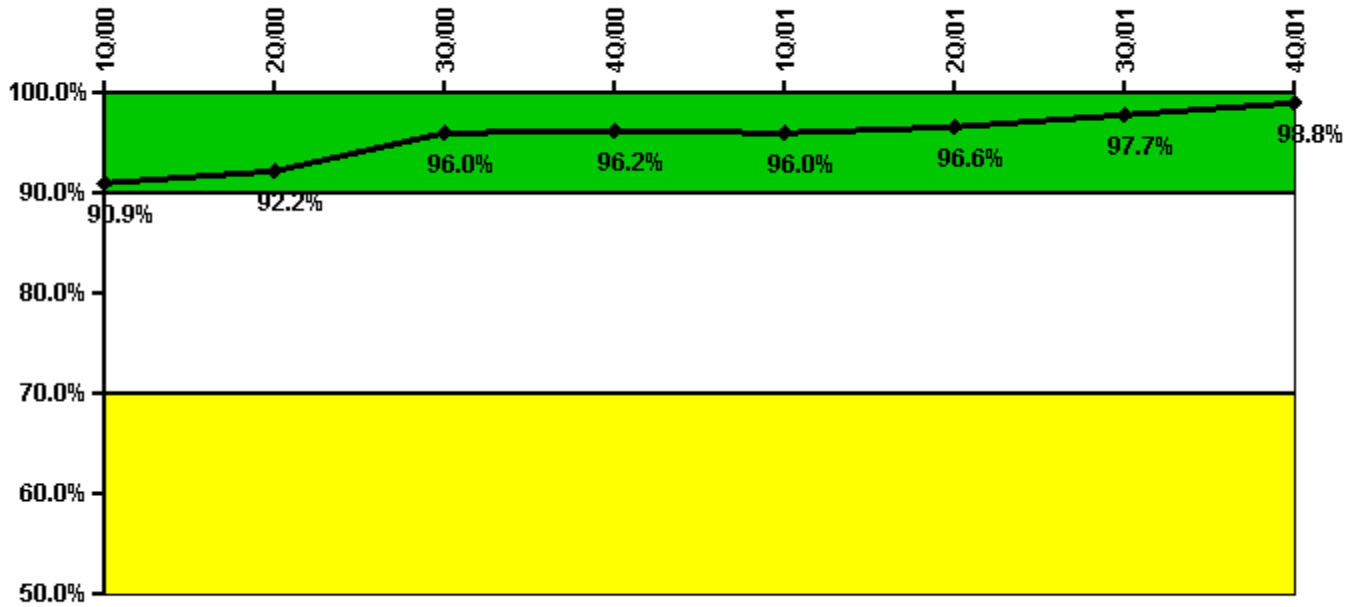
Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.167	0.120	0.190	0.150	0.182	0.257	0.241	0.230	0.598	0.106	N/A	0.033
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.7	1.2	1.9	1.5	1.8	2.6	2.4	2.3	6.0	1.1	N/A	0.3

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.068	0.120	0.078	0.066	0.071	0.105	0.136	0.100	0.104	0.079	0.162	0.123
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	0.7	1.2	0.8	0.7	0.7	1.1	1.4	1.0	1.0	0.8	1.6	1.2

Licensee Comments: none

### Drill/Exercise Performance



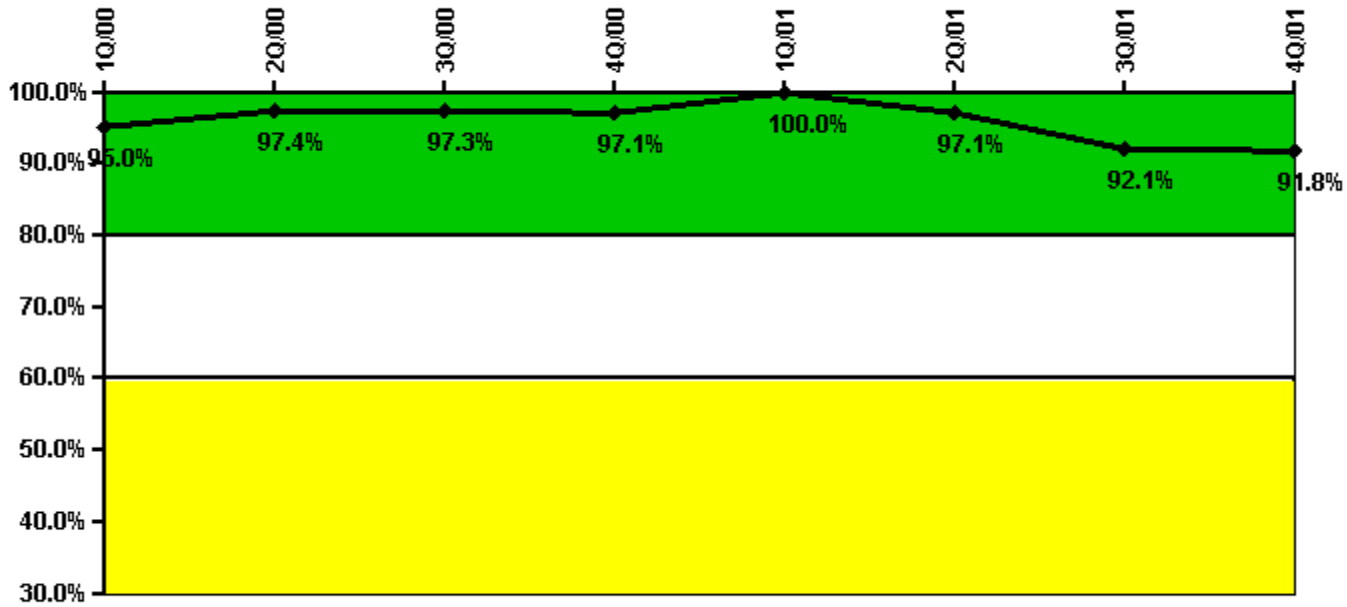
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	0	14.0	14.0	30.0	4.0	2.0	4.0	15.0
Total opportunities	0	14.0	14.0	30.0	4.0	2.0	4.0	16.0
Indicator value	90.9%	92.2%	96.0%	96.2%	96.0%	96.6%	97.7%	98.8%

Licensee Comments: none

### ERO Drill Participation



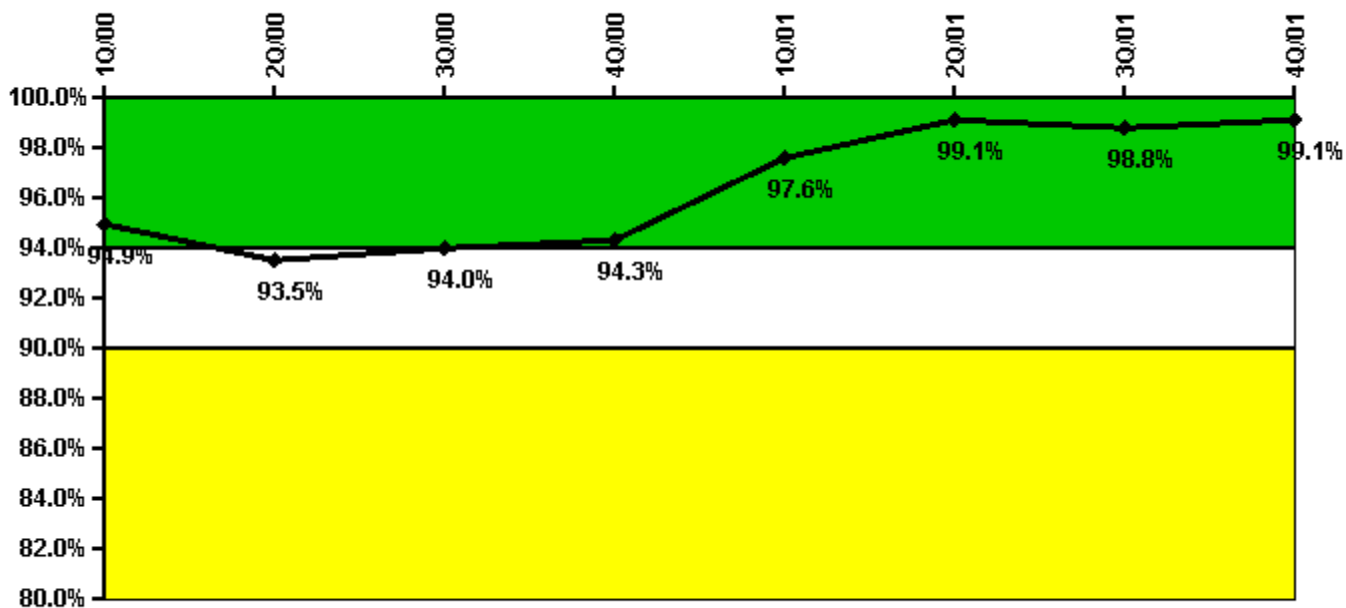
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	38.0	38.0	36.0	34.0	35.0	34.0	35.0	45.0
Total Key personnel	40.0	39.0	37.0	35.0	35.0	35.0	38.0	49.0
Indicator value	95.0%	97.4%	97.3%	97.1%	100.0%	97.1%	92.1%	91.8%

Licensee Comments: none

### Alert & Notification System



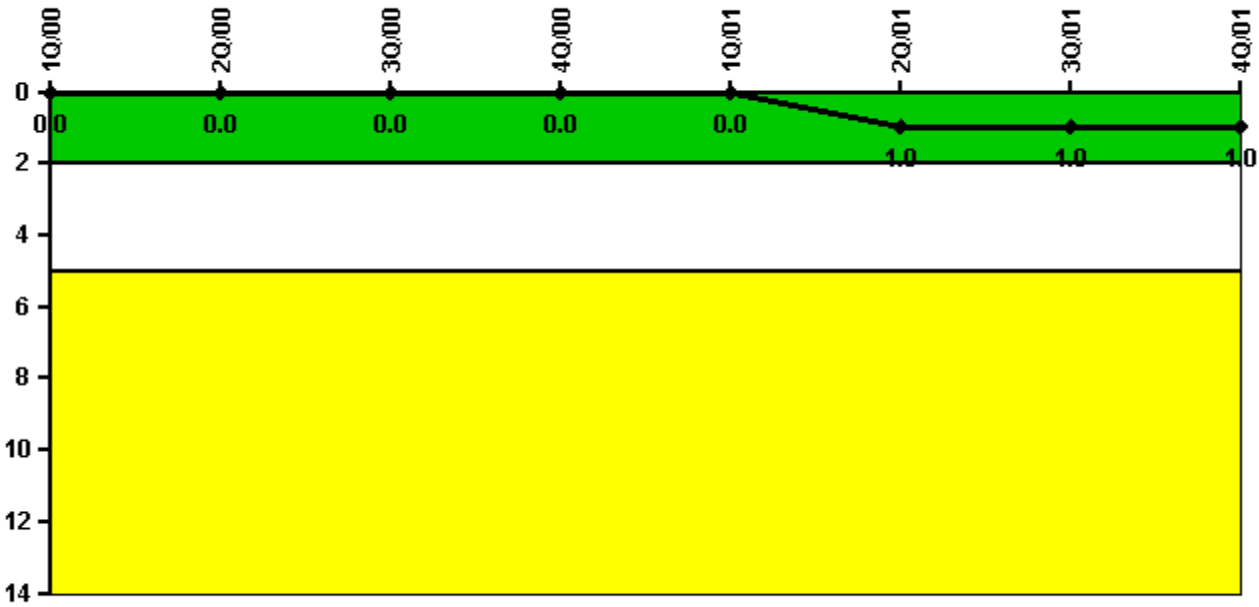
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	72	78	84	83	83	83	83	84
Total sirens-tests	84	84	84	84	84	84	84	84
Indicator value	94.9%	93.5%	94.0%	94.3%	97.6%	99.1%	98.8%	99.1%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

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

Licensee Comments: none

### RETS/ODCM Radiological Effluent



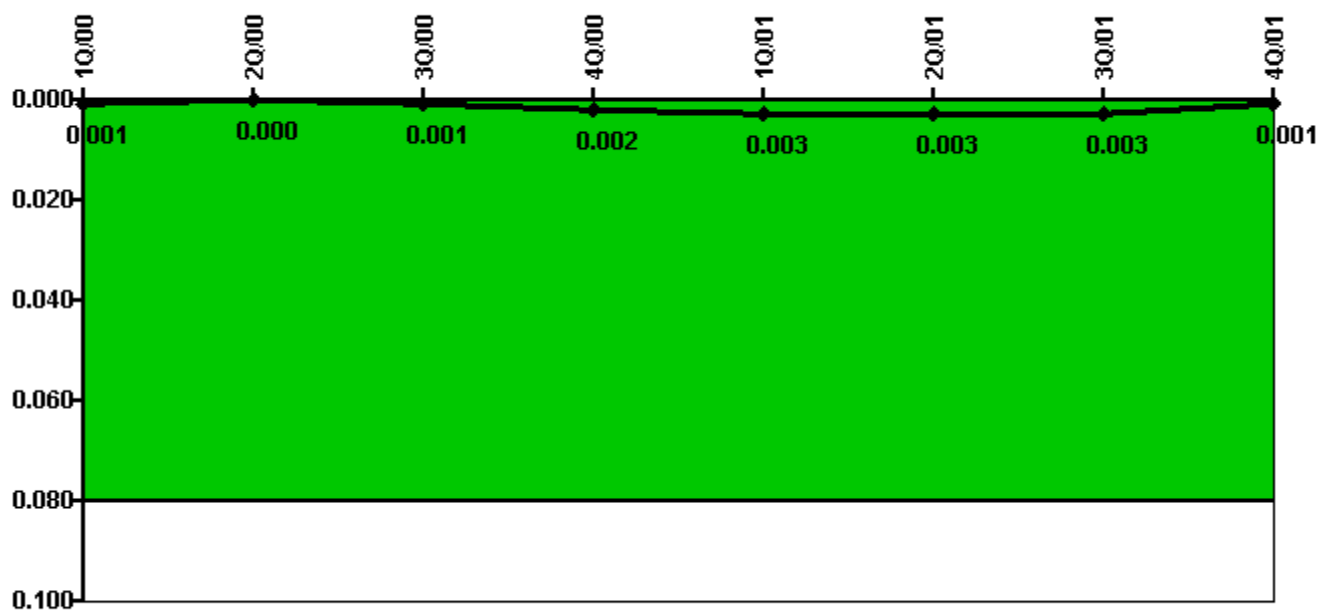
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
IDS compensatory hours	0	0	0	0	19.50	0	0	0
CCTV compensatory hours	0	0	3.8	30.4	7.6	0	0	0
IDS normalization factor	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.001	0	0.001	0.002	0.003	0.003	0.003	0.001

### Licensee Comments:

4Q/01: Engineering evaluation indicated a need to upgrade the intrusion detection and assessment systems. A modification package was initiated in October, 1997, and was approved in May, 1998. Typical compensatory hours for the IDS system that occurred since May, 1998 are not counted in this indicator as allowed by the NEI 99-02, Rev. 1 guidance.



### Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Personnel Screening Program	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

### FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

### Notes

FFD/Personnel Reliability	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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

Last Modified: March 15, 2002