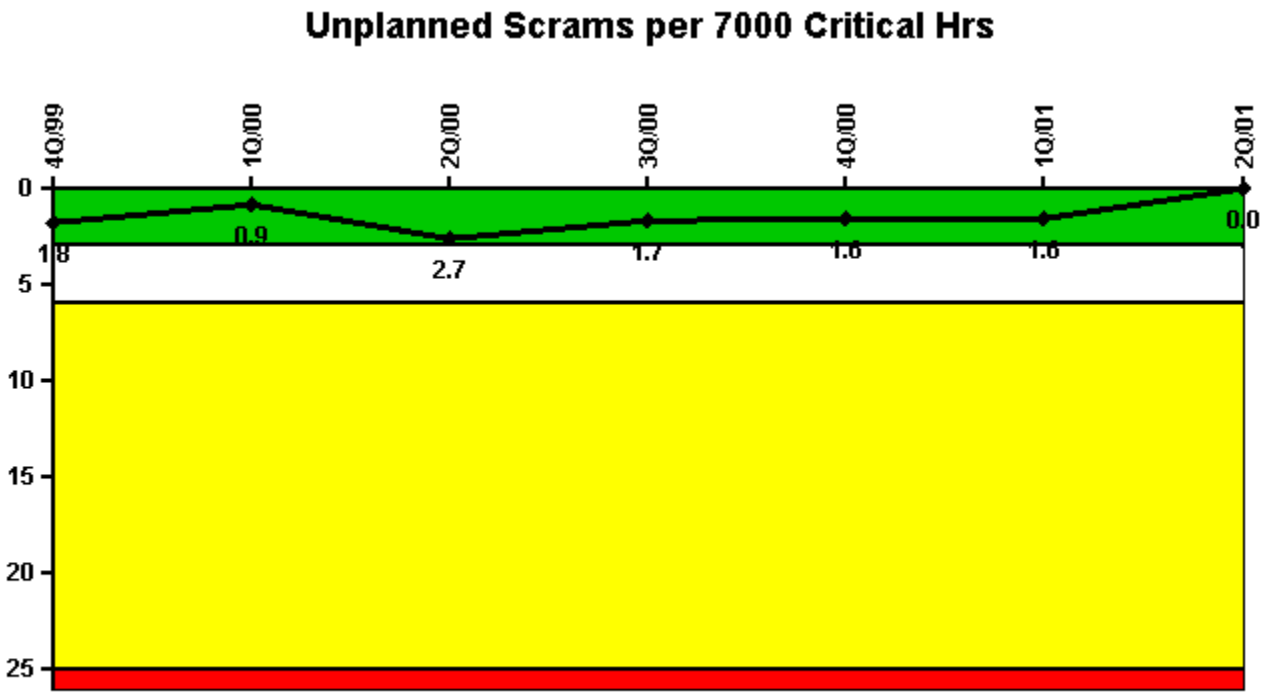
Indian Point 3

2Q/2001 Performance Indicators

Licensee's General Comments: none



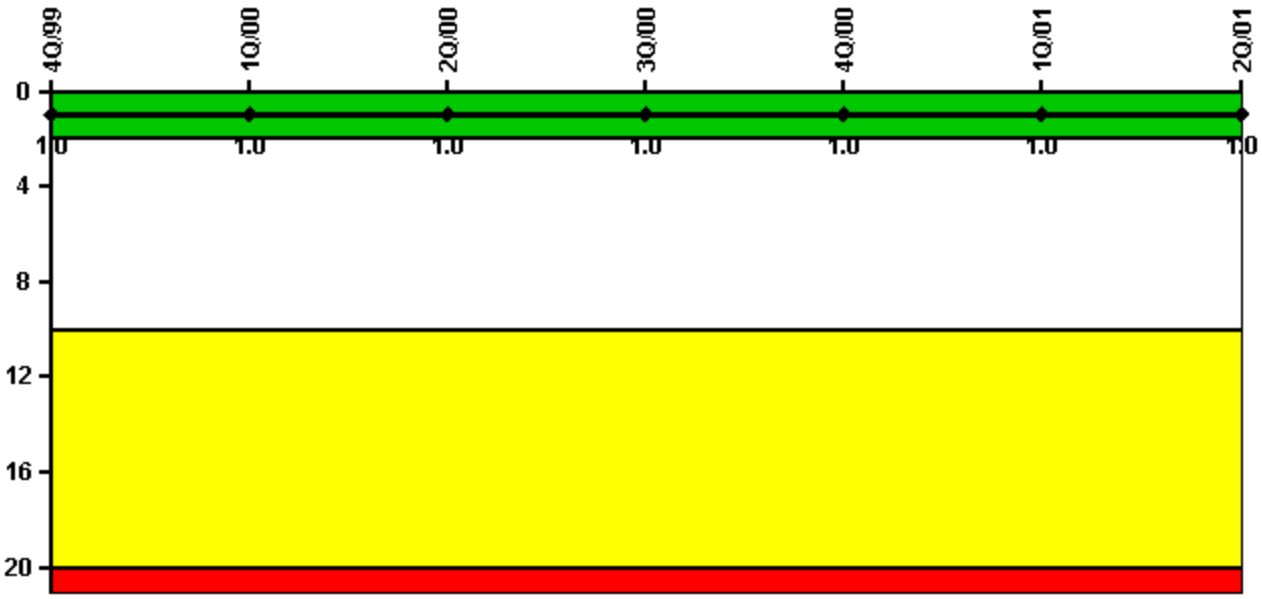
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2.0	0	0	0	0
Critical hours	1746.1	2184.0	2149.5	2208.0	2181.5	2160.0	1579.4
Indicator value	**1.8**	**0.9**	**2.7**	**1.7**	**1.6**	**1.6**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

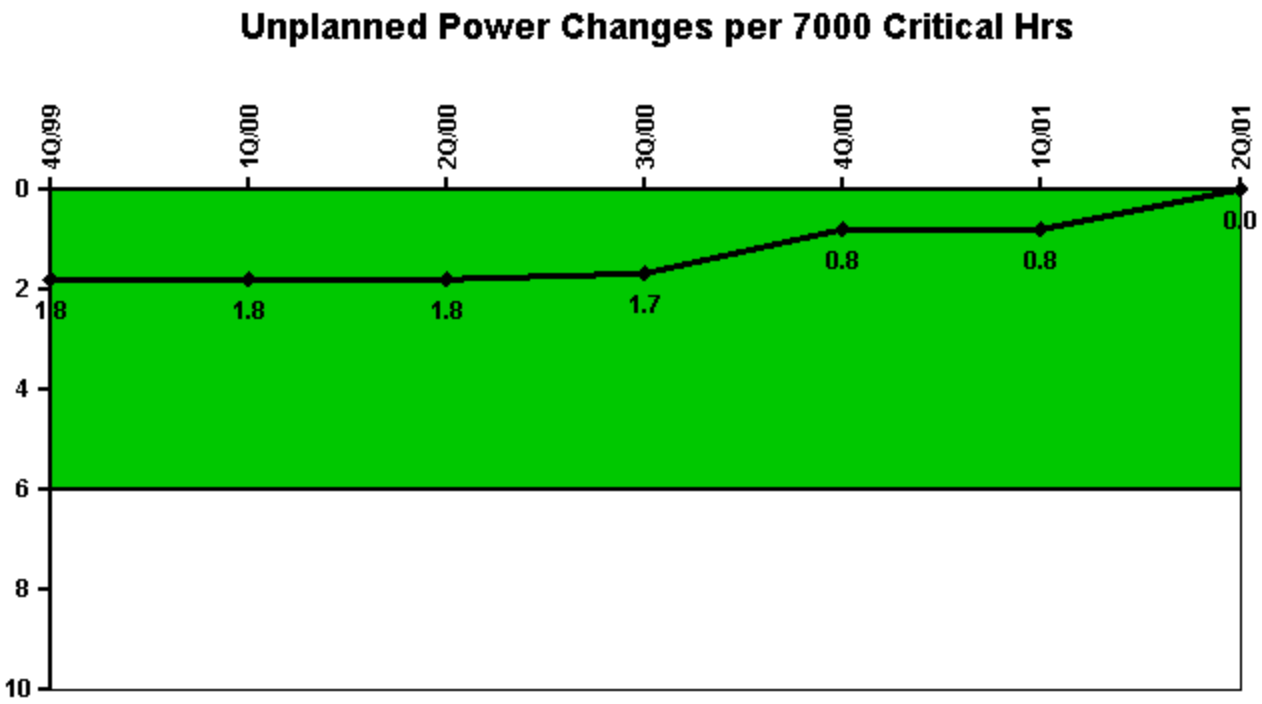


Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none



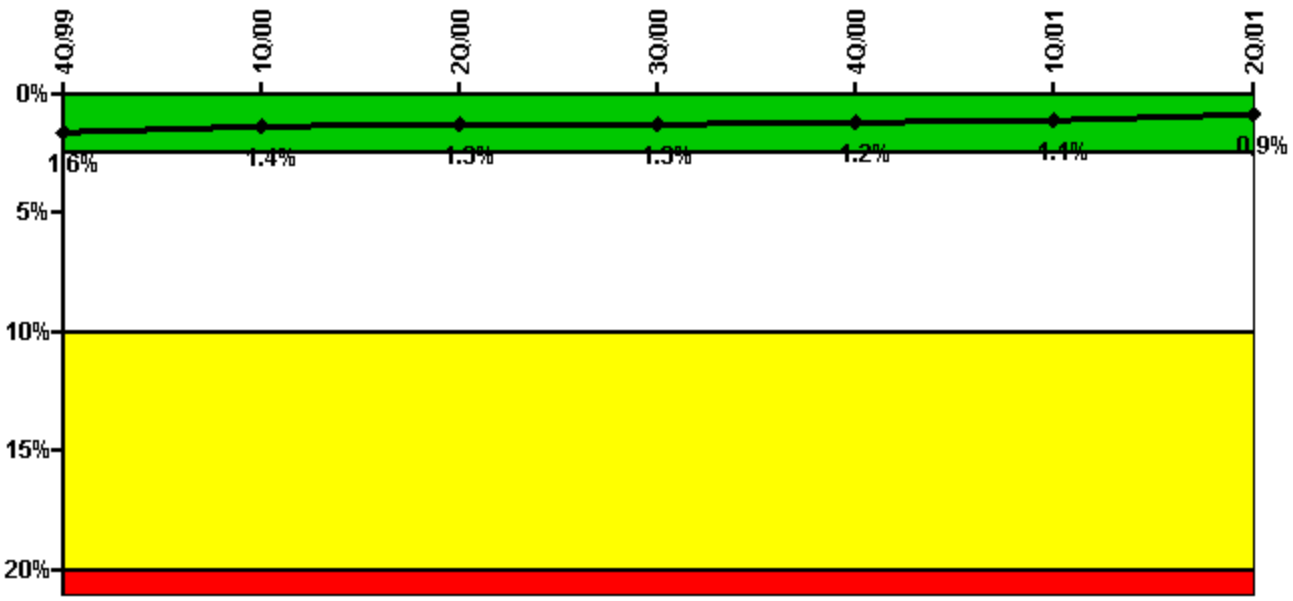
Thresholds: White > 6.0

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	0	1.0	0	0	0	0
Critical hours	1746.1	2184.0	2149.5	2208.0	2181.5	2160.0	1579.4
Indicator value	**1.8**	**1.8**	**1.8**	**1.7**	**0.8**	**0.8**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



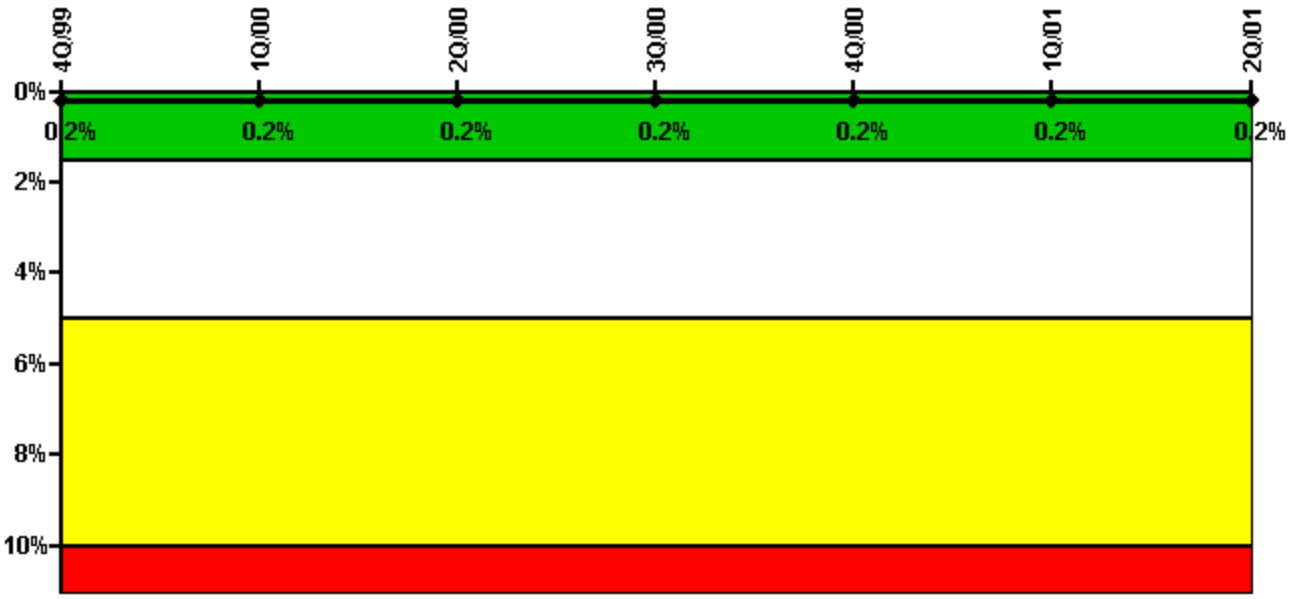
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	43.79	12.33	1.77	0	0	0.63	0
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	10.90	51.74	0	0	0	5.33	0
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3							
Planned unavailable hours	44.98	34.97	10.88	0	0	2.99	0
Unplanned unavailable hours	0	2.97	0	14.46	0	0	3.30
Fault exposure hours	0	0	0	4.00	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.6%**	**1.4%**	**1.3%**	**1.3%**	**1.2%**	**1.1%**	**0.9%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



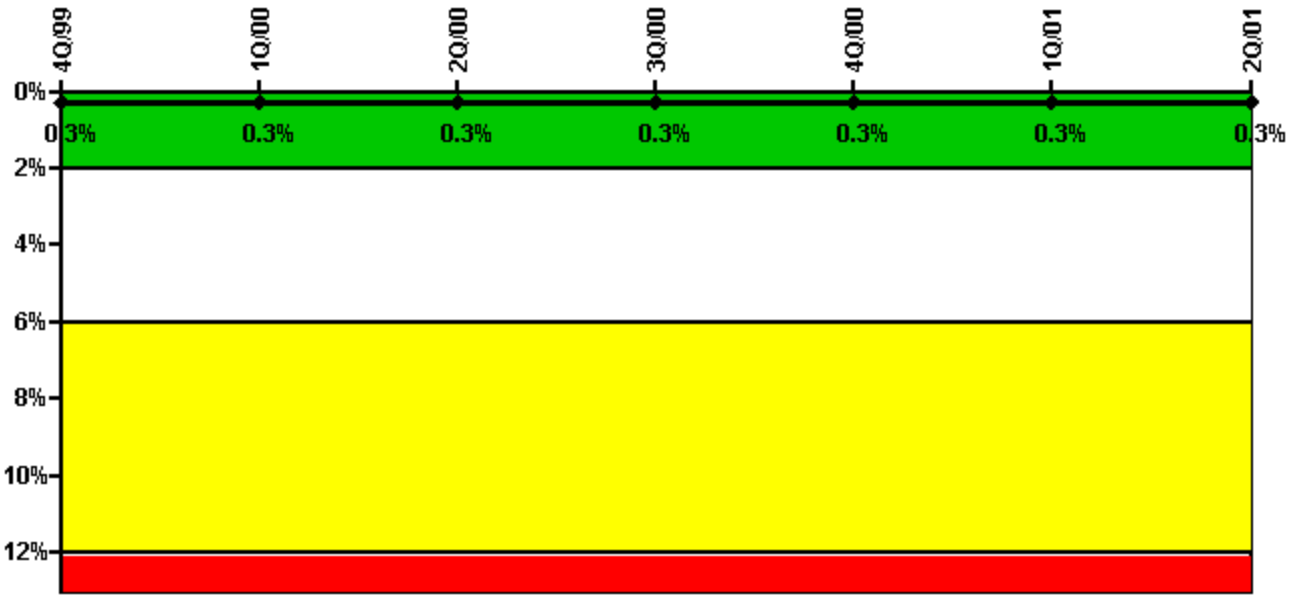
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	8.42	14.00	0	0	10.88	9.52	17.52
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	1746.12	2184.00	2149.50	2208.00	2181.50	2160.00	1579.38
Train 2							
Planned unavailable hours	8.18	0.43	0	0	0	8.00	0.83
Unplanned unavailable hours	0	7.02	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	1746.12	2184.00	2149.50	2208.00	2181.50	2160.00	1579.38
Train 3							
Planned unavailable hours	0	0	0	6.95	0	1.97	3.53
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	1746.12	2184.00	2149.50	2208.00	2181.50	2160.00	1579.38
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



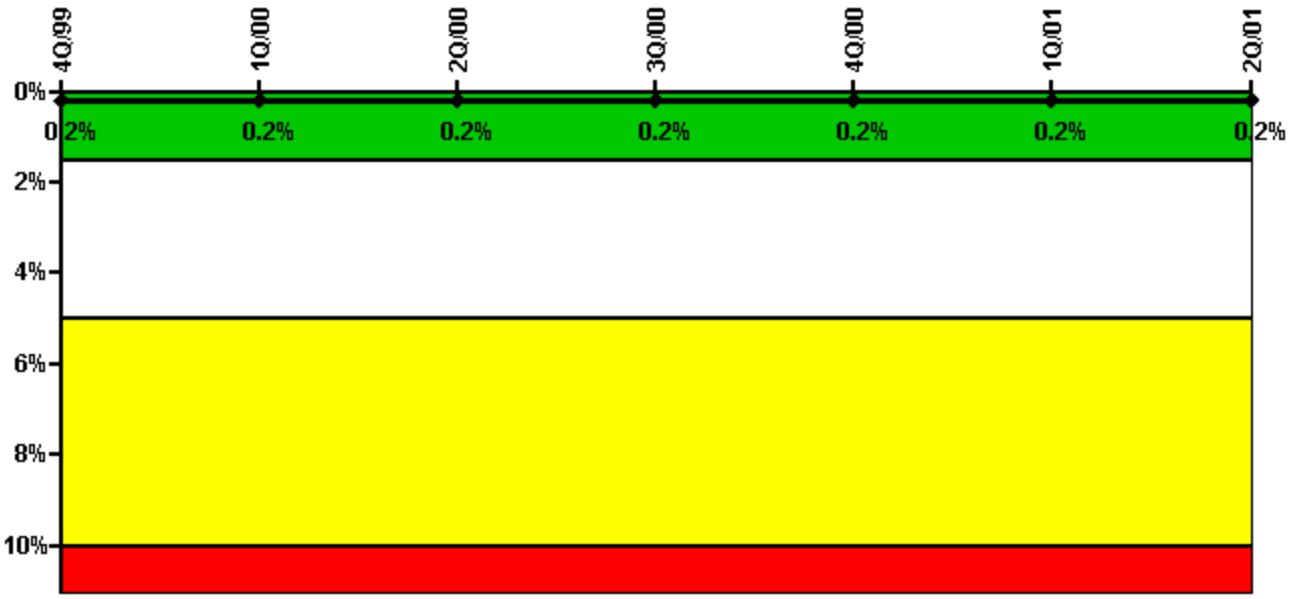
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	0	0	7.57	3.12	4.78	0
Unplanned unavailable hours	0	0	0	0	0	12.09	17.07
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1746.12	2184.00	2149.50	2208.00	2181.50	2160.00	1579.38
Train 2							
Planned unavailable hours	0.43	0	8.58	9.12	0	0	11.11
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	1746.12	2184.00	2149.50	2208.00	2181.50	2160.00	1579.38
Train 3							
Planned unavailable hours	0	5.66	1.38	14.09	11.55	9.00	0.90
Unplanned unavailable hours	0	0	0	0	0	0	5.30
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1746.12	2184.00	2149.50	2208.00	2181.50	2160.00	1579.38
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

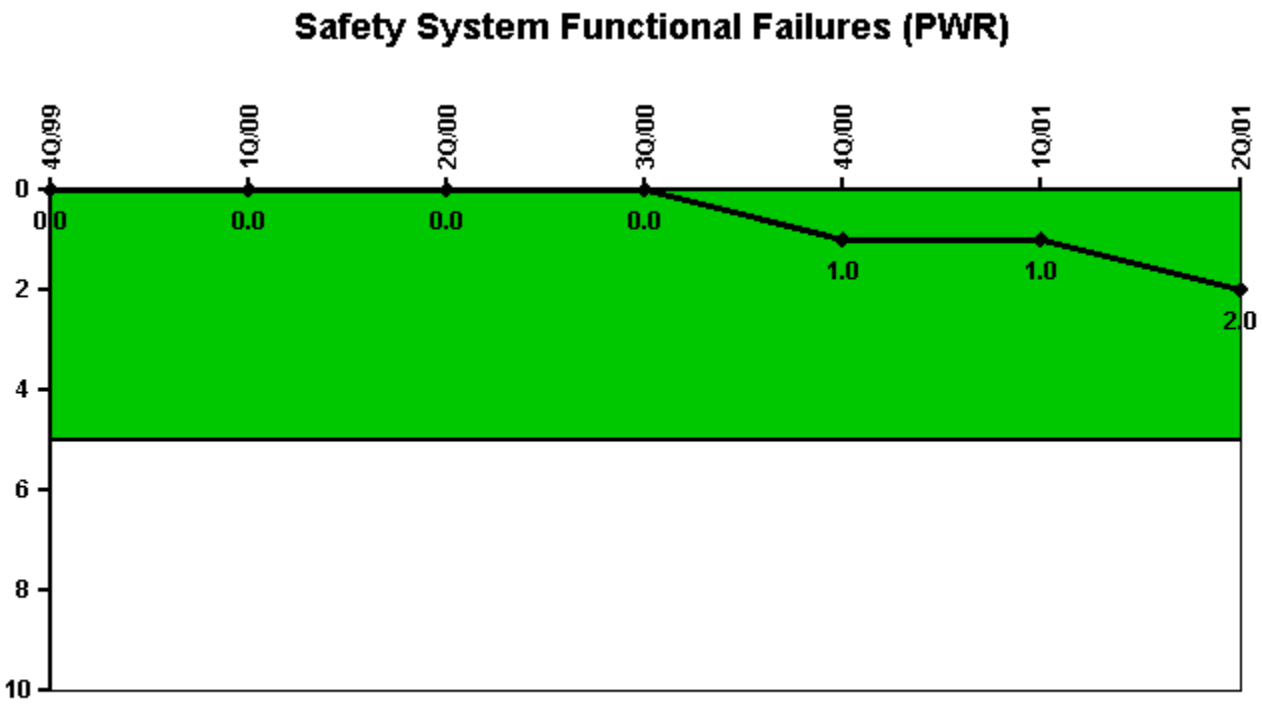


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	1.42	9.62	0	0	18.37	0.55
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	0	0	0	5.40	0	11.25	8.12
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3							
Planned unavailable hours	0	0	0	0	0	18.37	0
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 4							
Planned unavailable hours	0	0	0	0	0	11.25	0
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none



Thresholds: White > 5.0

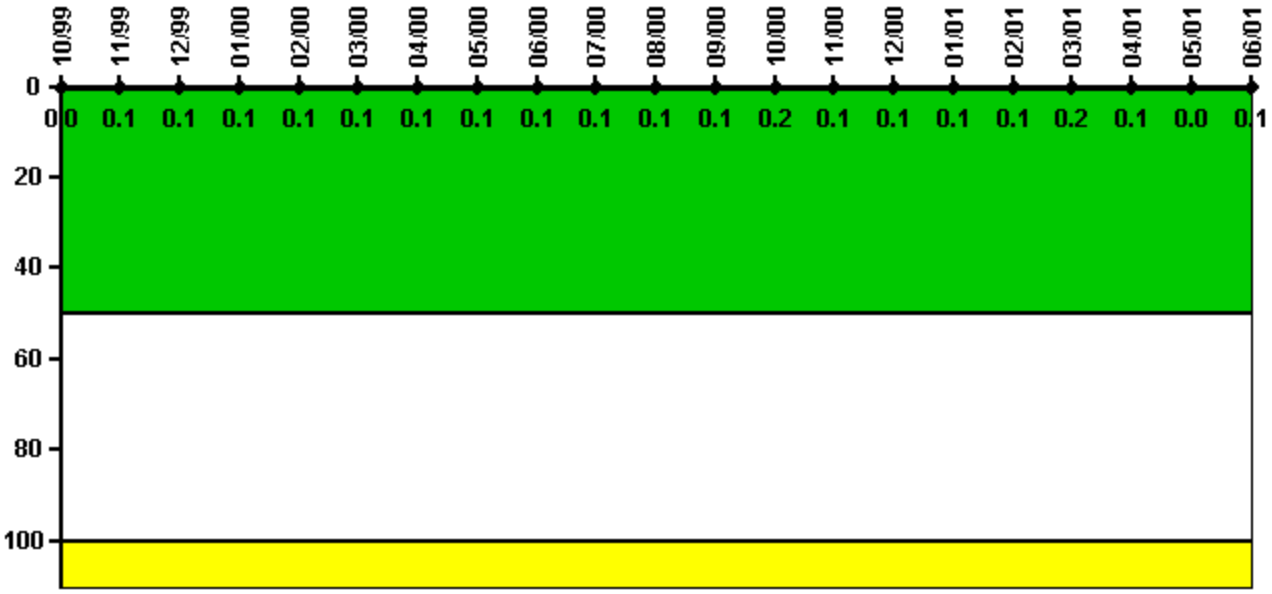
Notes

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	0	1	0	1
Indicator value	**0**	**0**	**0**	**0**	**1**	**1**	**2**

Licensee Comments:

2Q/01: LER-2001-001-00 reported on June 1, 2001, that a condition existed within the past three years which could result in an inadequate supply of Auxiliary Feedwater (AFW) during a loss of normal feedwater (LONF) or loss of off-site power (LOOP) transient. The condition resulted from positioning eight Steam Generator Blow-Down isolation valve control switches in Rad Bypass during performance of Steam Generator Radiation Monitor Calibration. The Rad By-pass switch position rendered the Blow-down isolation valves incapable of receiving an Auto-Close signal except for Phase A containment isolation or AMSAC signal. Steam Generator Blow-Down is required to be isolated because the AFW pumps are not sized to compensate for the loss of SG inventory due to Blow-down flow (during a LONF or LOOP transient). The AFW design includes three AFW pumps; two motor driven pumps and one turbine driven (TD). The condition became reportable as an LER under 10CFR50.73(a)(2)(v) when it was discovered that one motor driven pump (31 AFW pump) was out of service during the performance of SG RM calibration on May 10, 1999 for approximately 2 hours, 12 minutes. The TD AFW pump was not credited as a redundant AFW pump because specific guidance in the EOPs for operation of the TD AFW pump would not have ensured that SG inventory would be maintained. An LER reported under 10CFR50.73(a)(2)(v) is a SSFF under the PI guideline. The estimated CCDP for this event was 1.52E-7. The PI threshold was not exceeded and remains green.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

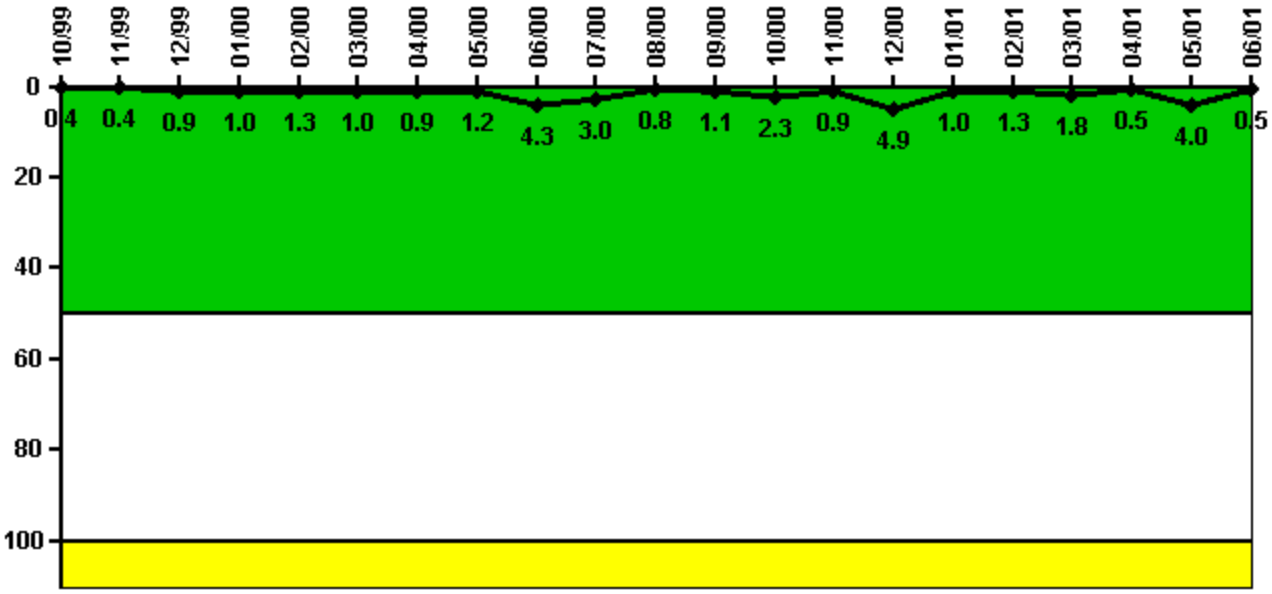
Notes

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	0.000464	0.000613	0.000653	0.000763	0.000724	0.000764	0.000760	0.000927	0.001310	0.001260	0.001260	0.001420
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.002340	0.001380	0.001350	0.001380	0.001460	0.001500	0.001440	0.000150	0.000508
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

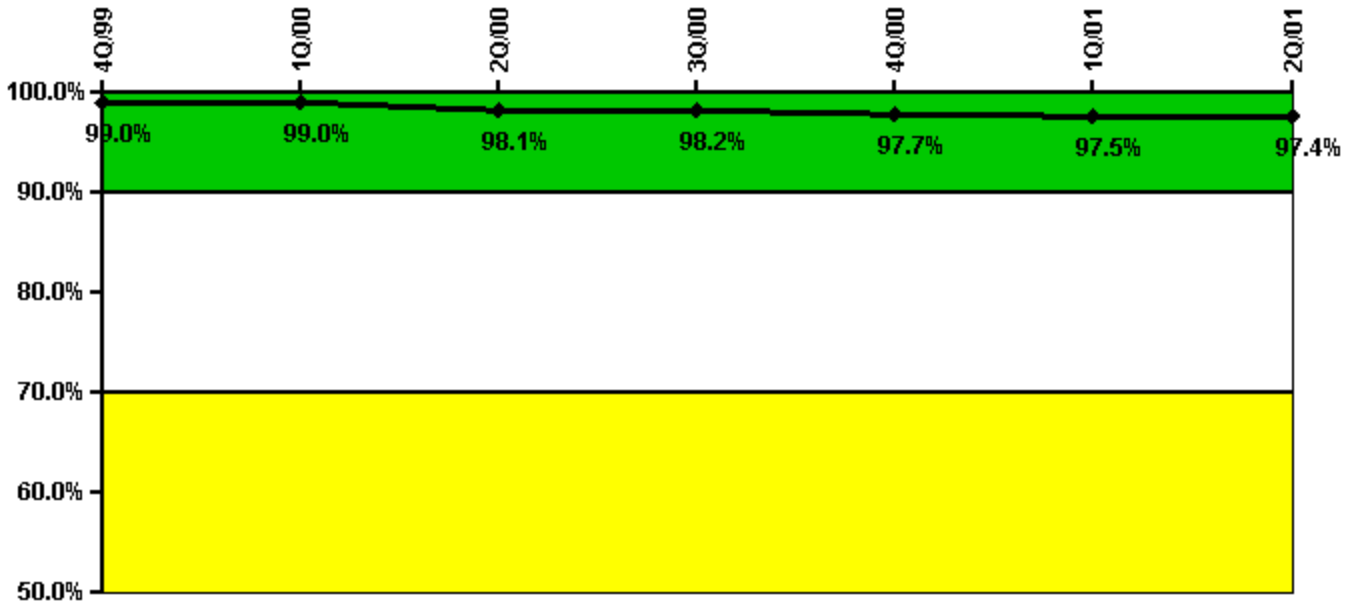
Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.040	0.040	0.085	0.100	0.130	0.100	0.090	0.120	0.430	0.300	0.080	0.110
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.4**	**0.4**	**0.9**	**1.0**	**1.3**	**1.0**	**0.9**	**1.2**	**4.3**	**3.0**	**0.8**	**1.1**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.230	0.090	0.490	0.100	0.130	0.180	0.054	0.400	0.050
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.3**	**0.9**	**4.9**	**1.0**	**1.3**	**1.8**	**0.5**	**4.0**	**0.5**

Licensee Comments:

6/01: Indian point 3 implemented Standard Technical Specifications on March 19, 2001, replacing the plant's custom Technical Specifications which had an RCS operational Total leakage limit of 10 gpm. The STS replaced the CTS Total RCS leakage limt with an Identified RCS leakage limit of 10 gpm. The 2Q2001 PI report for RCS operational leakage will be based on the STS limit for Identified RCS leakage of 10 gpm starting April 2001. The reported value for May is the highest TS calculated RCS Identified leakage during power ascension from refueling outage 11.

Drill/Exercise Performance



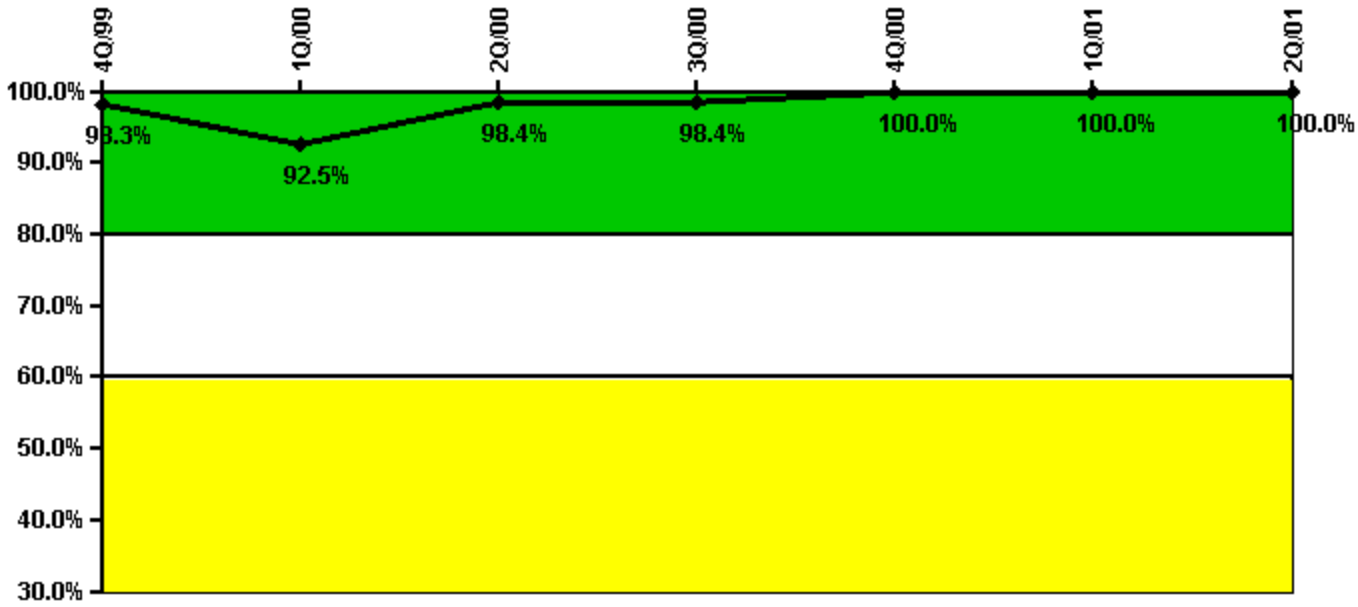
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	20.0	10.0	15.0	10.0	35.0	4.0	4.0
Total opportunities	20.0	10.0	16.0	11.0	36.0	4.0	4.0
Indicator value	**99.0%**	**99.0%**	**98.1%**	**98.2%**	**97.7%**	**97.5%**	**97.4%**

Licensee Comments: none

ERO Drill Participation



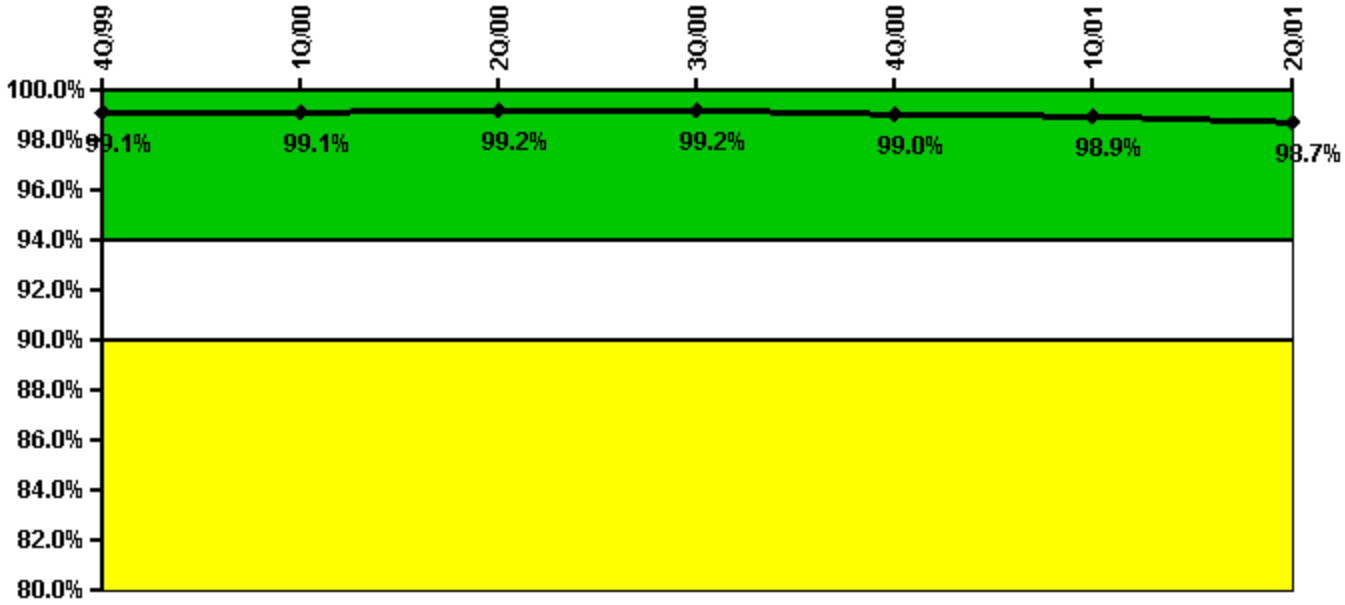
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	58.0	62.0	62.0	60.0	63.0	65.0	65.0
Total Key personnel	59.0	67.0	63.0	61.0	63.0	65.0	65.0
Indicator value	**98.3%**	**92.5%**	**98.4%**	**98.4%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System



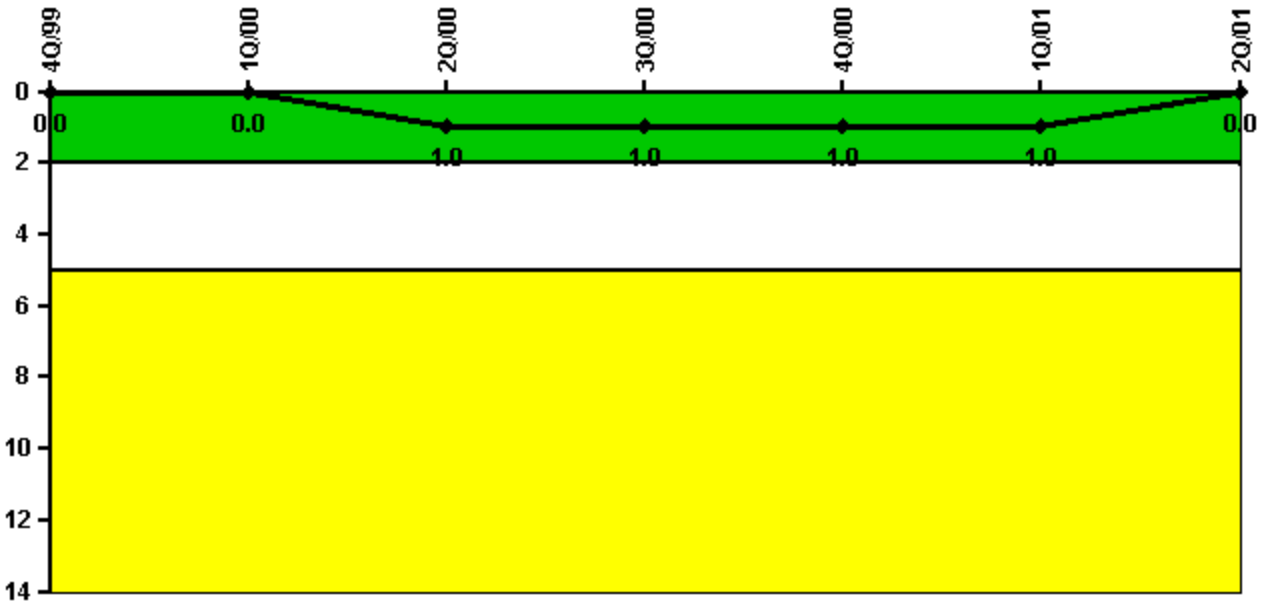
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	1217	920	1225	914	906	1069	1062
Total sirens-tests	1232	924	1232	924	924	1078	1078
Indicator value	**99.1%**	**99.1%**	**99.2%**	**99.2%**	**99.0%**	**98.9%**	**98.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



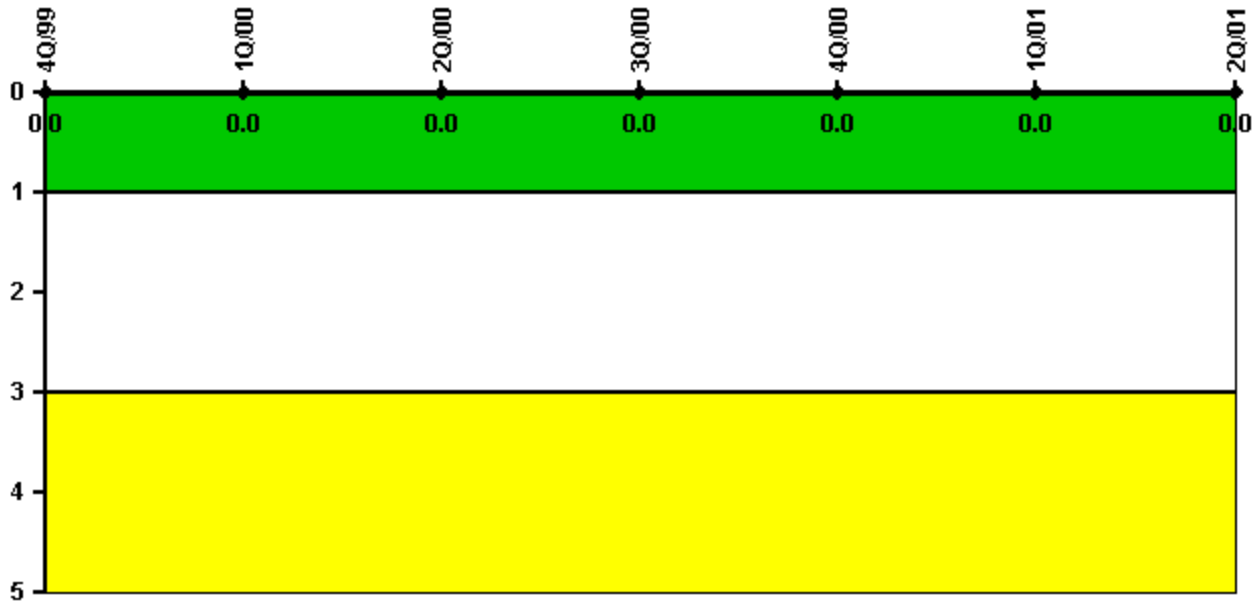
Thresholds: White > 2.0 Yellow > 5.0

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	1	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
Indicator value	**0**	**0**	**1**	**1**	**1**	**1**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

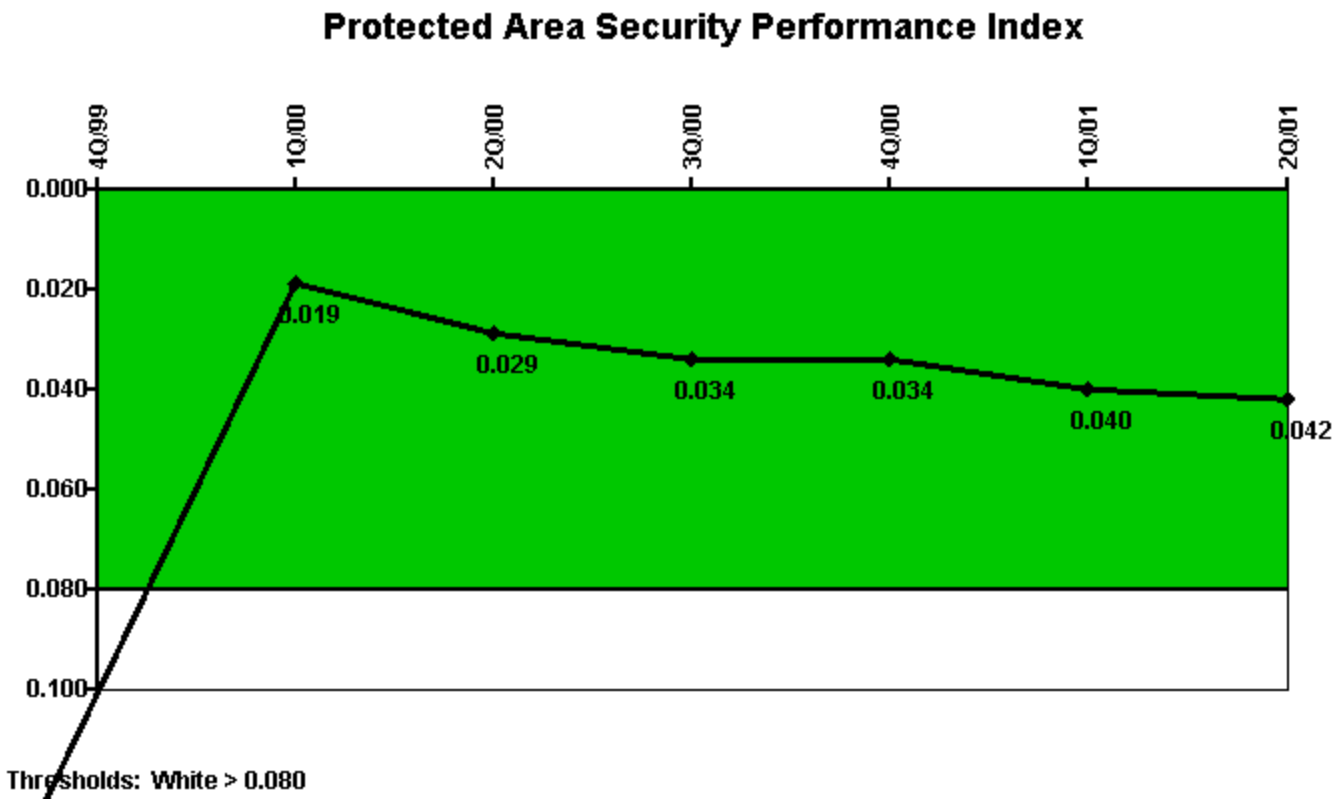


Thresholds: White > 1.0 Yellow > 3.0

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



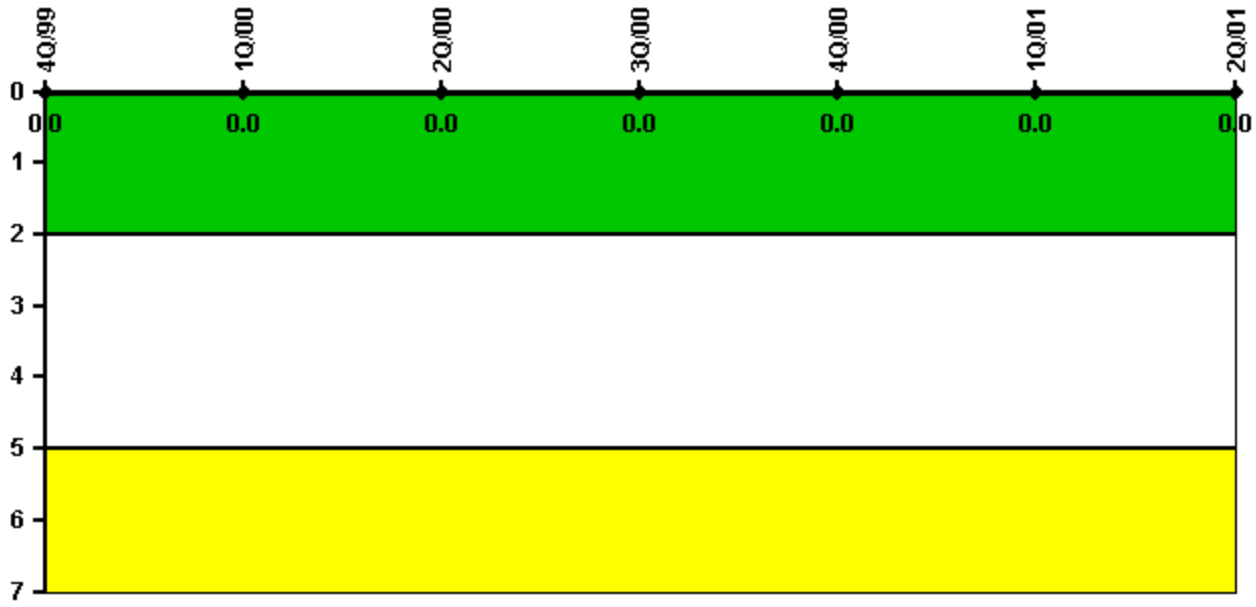
Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	234.00	87.30	207.80	235.20	127.30	133.50	311.00
CCTV compensatory hours	0	0	50.9	0	97.1	82.4	0
IDS normalization factor	1.85	1.40	1.40	1.40	1.40	1.40	1.40
CCTV normalization factor	1.2	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.101**	**0.019**	**0.029**	**0.034**	**0.034**	**0.040**	**0.042**

Licensee Comments:

1Q/01: The IDS compensatory hours for March were incorrectly reported as the quarterly total IDS compensatory hours rather than the monthly hours that were applicable (i.e., 61.9 hours). The error was identified by the PI data provider and a Deviation Event Report (DER) was initiated for recording and correction by the CAP (Problem Identification & Resolution). The Human Performance Error that caused the over reporting of hours for March (1Q2001), did not result in a threshold exceedance and its correction did not change the indicator color which remains Green.

Personnel Screening Program

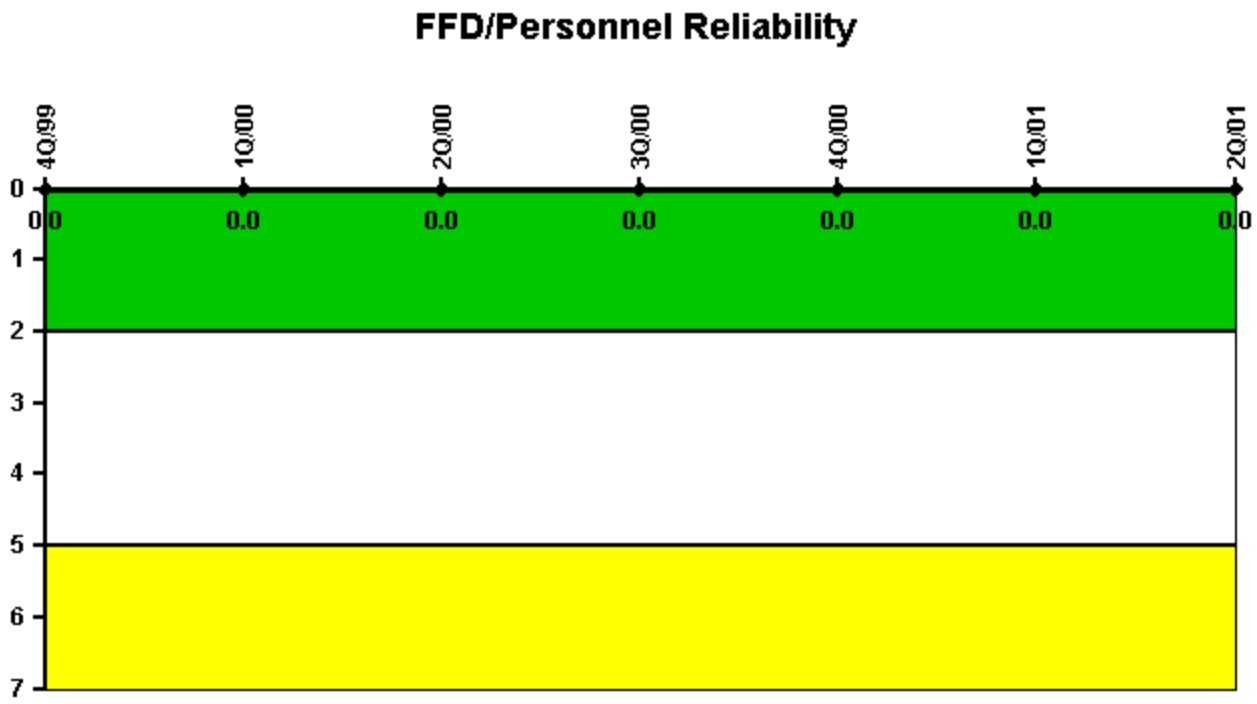


Thresholds: White > 2.0 Yellow > 5.0

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



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