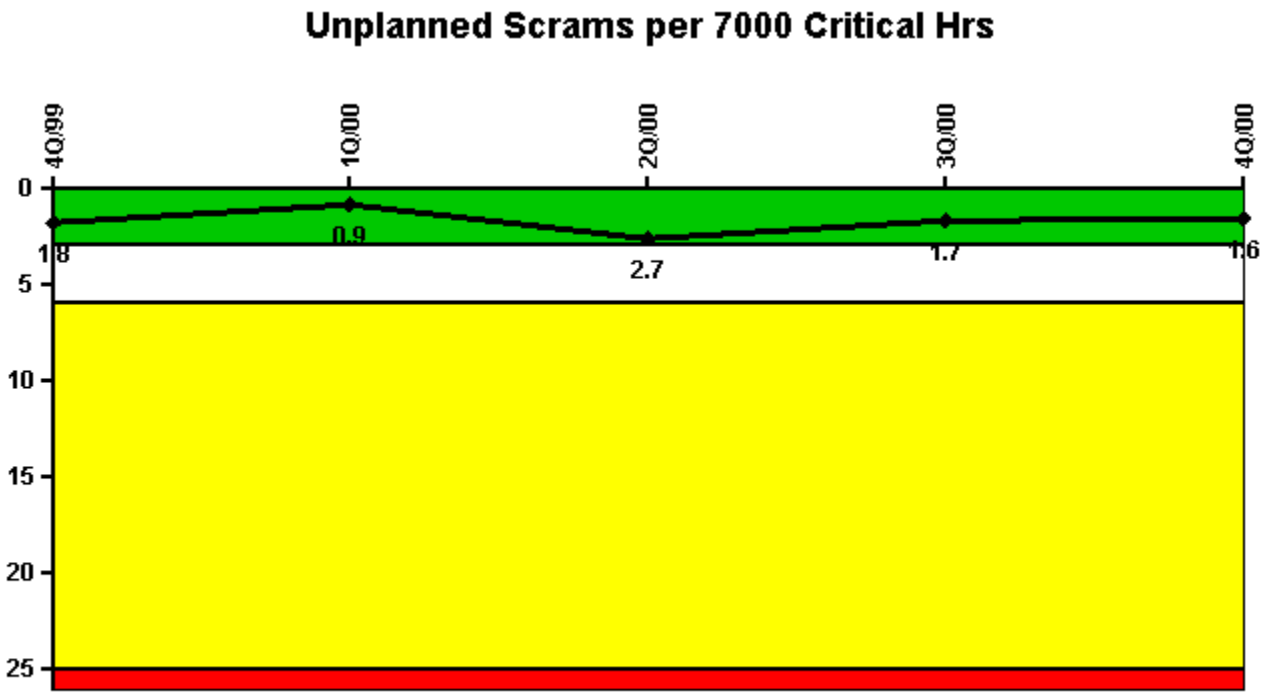
Indian Point 3

4Q/2000 Performance Indicators

Licensee's General Comments: none



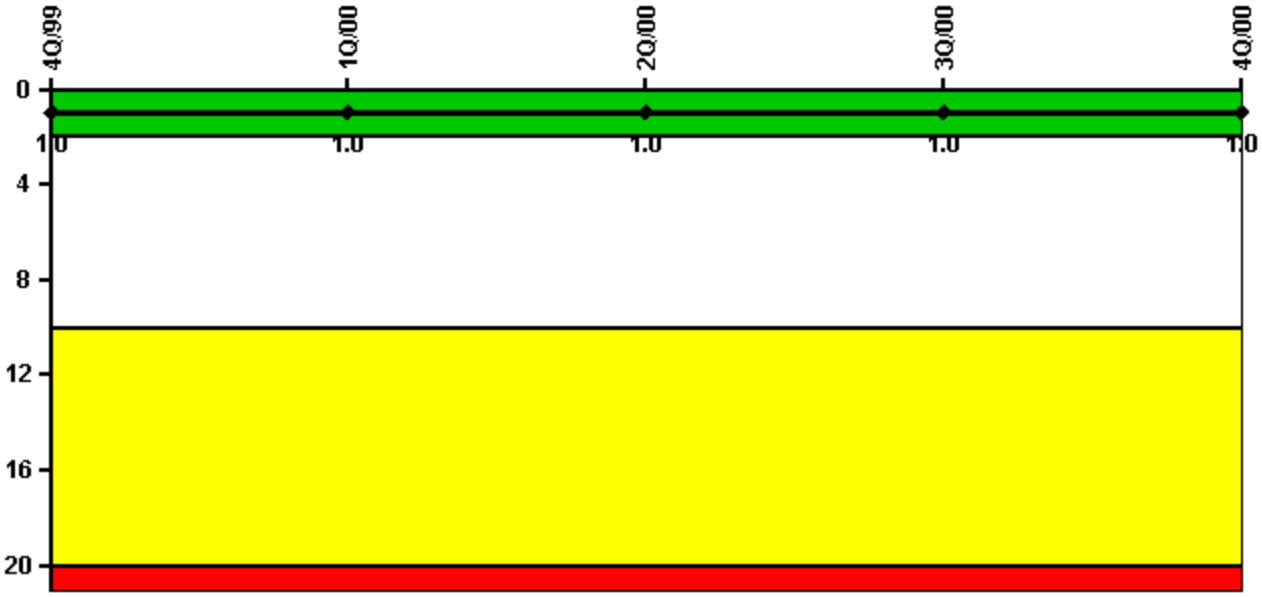
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	0	0	2.0	0	0
Critical hours	1746.1	2184.0	2149.5	2208.0	2181.5
Indicator value	**1.8**	**0.9**	**2.7**	**1.7**	**1.6**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



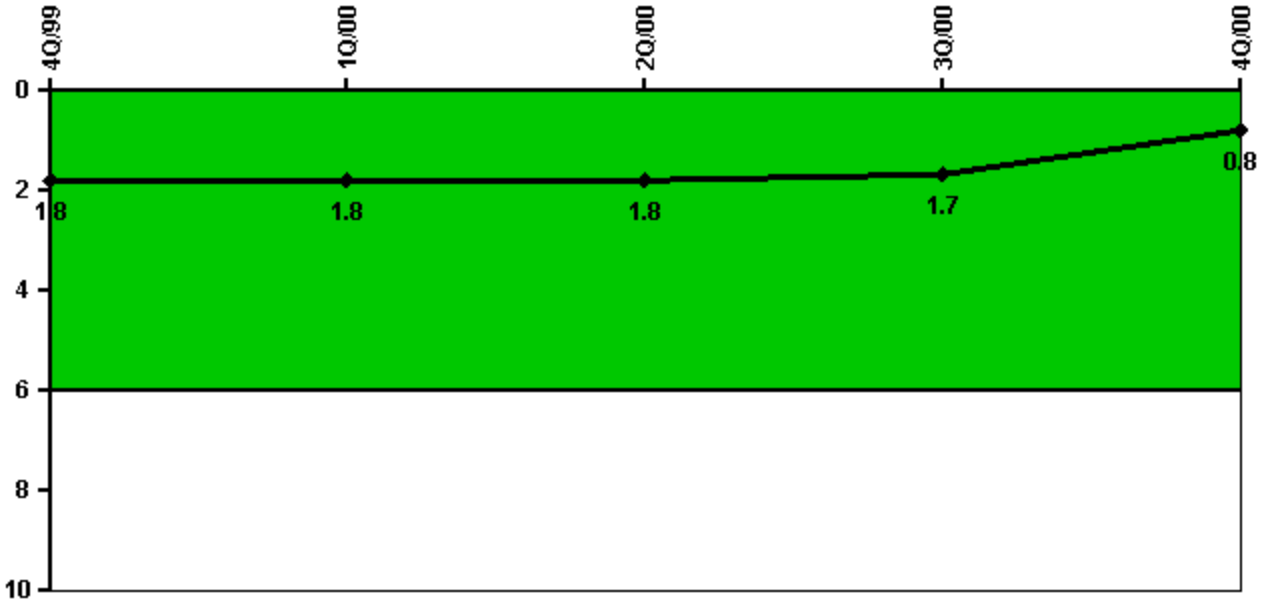
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



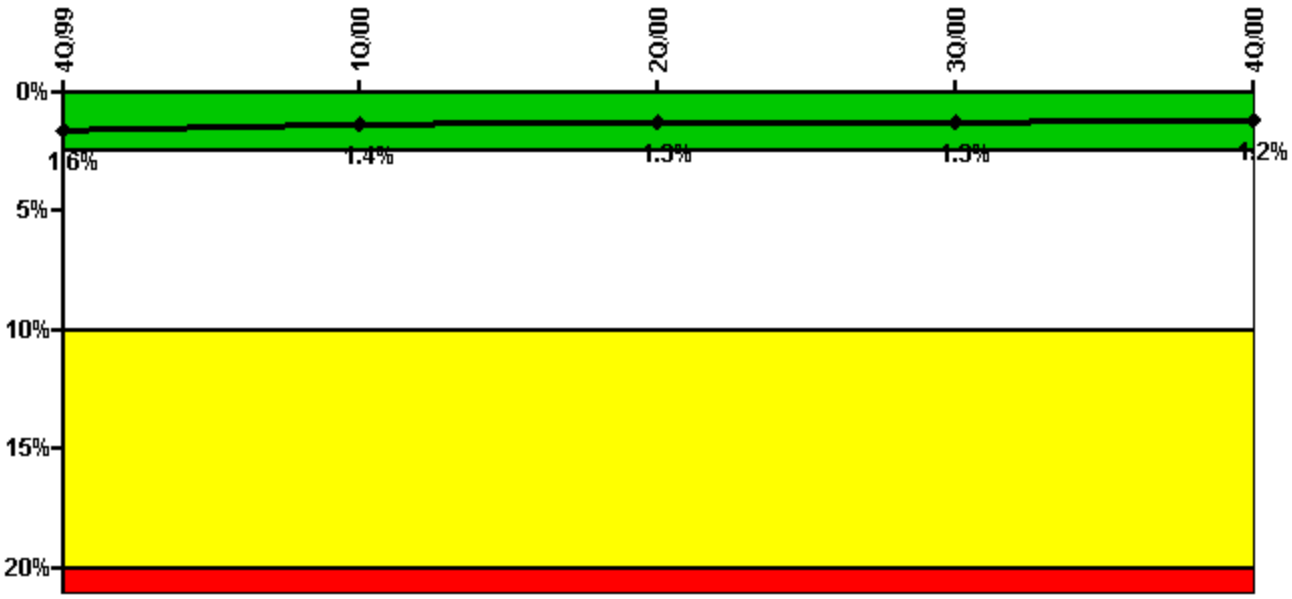
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	1.0	0	1.0	0	0
Critical hours	1746.1	2184.0	2149.5	2208.0	2181.5
Indicator value	**1.8**	**1.8**	**1.8**	**1.7**	**0.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



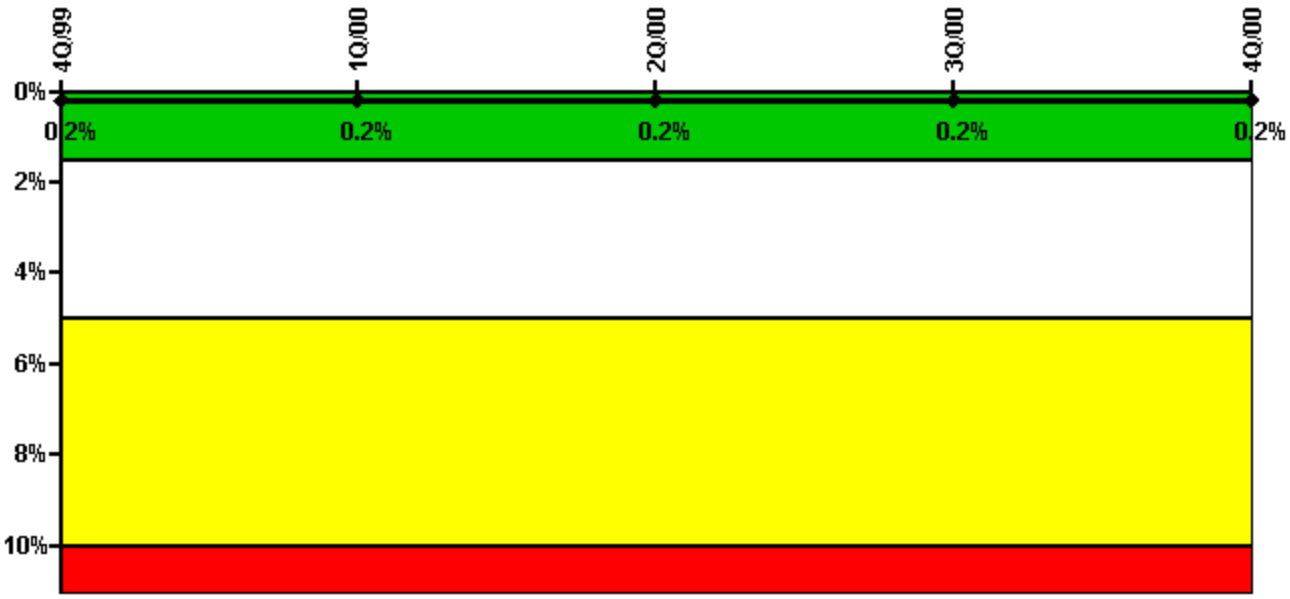
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

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

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



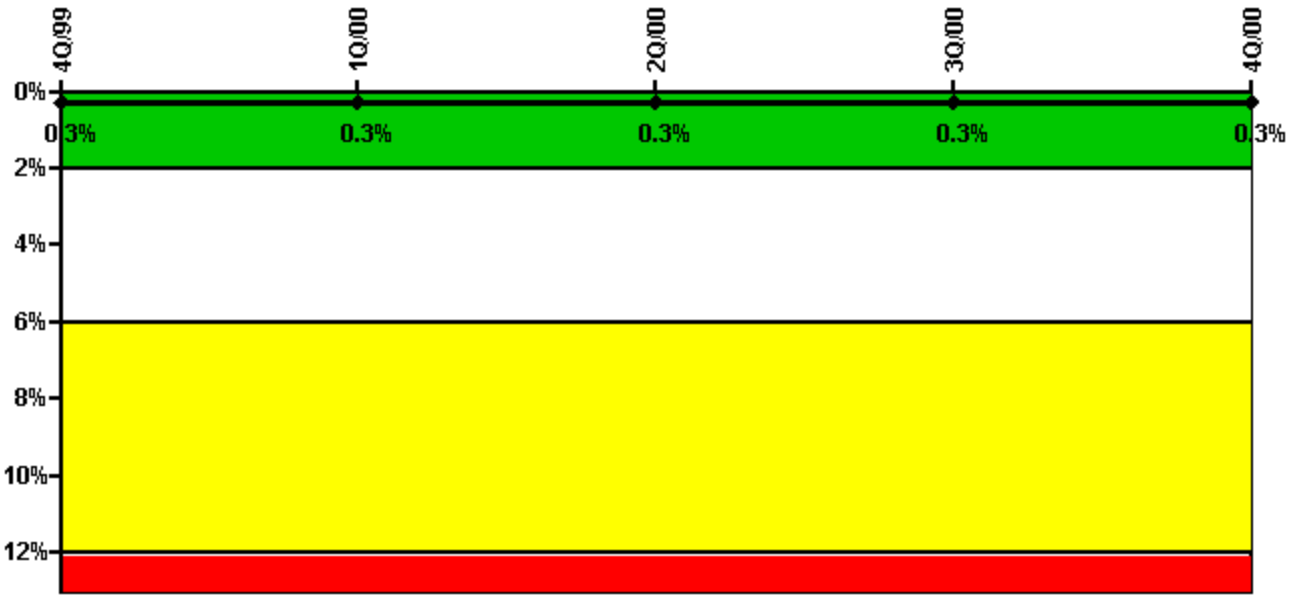
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	8.42	14.00	0	0	10.88
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1746.12	2184.00	2149.50	2208.00	2181.50
Train 2					
Planned unavailable hours	8.18	0.43	0	0	0
Unplanned unavailable hours	0	7.02	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1746.12	2184.00	2149.50	2208.00	2181.50
Train 3					
Planned unavailable hours	0	0	0	6.95	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1746.12	2184.00	2149.50	2208.00	2181.50
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



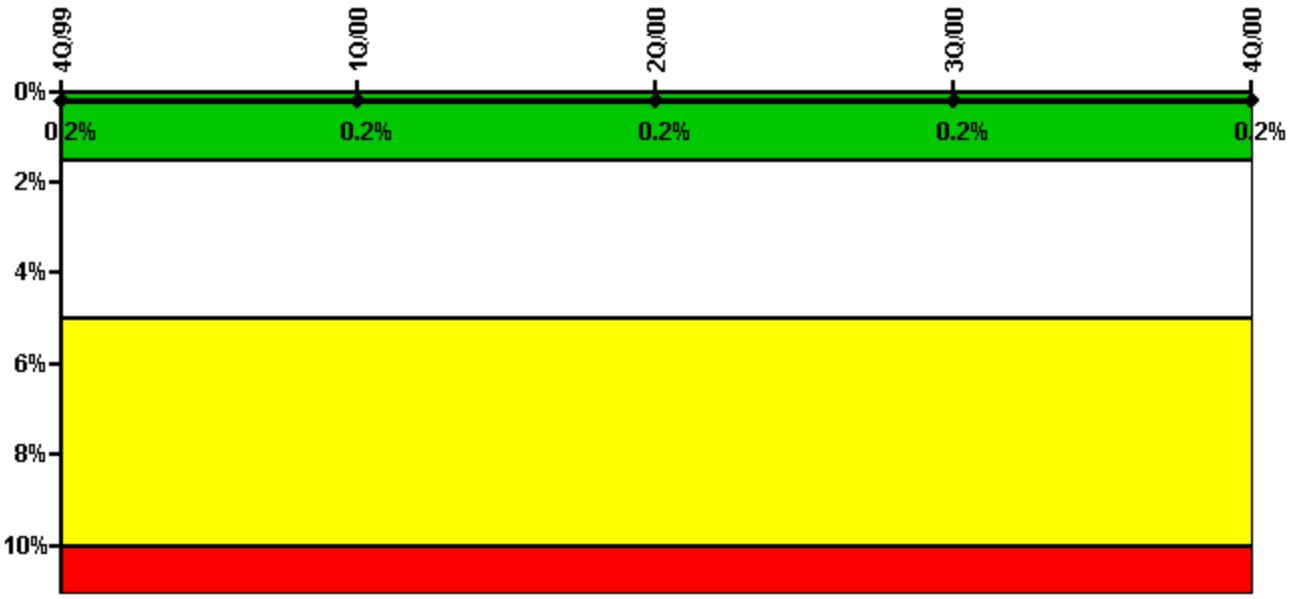
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

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

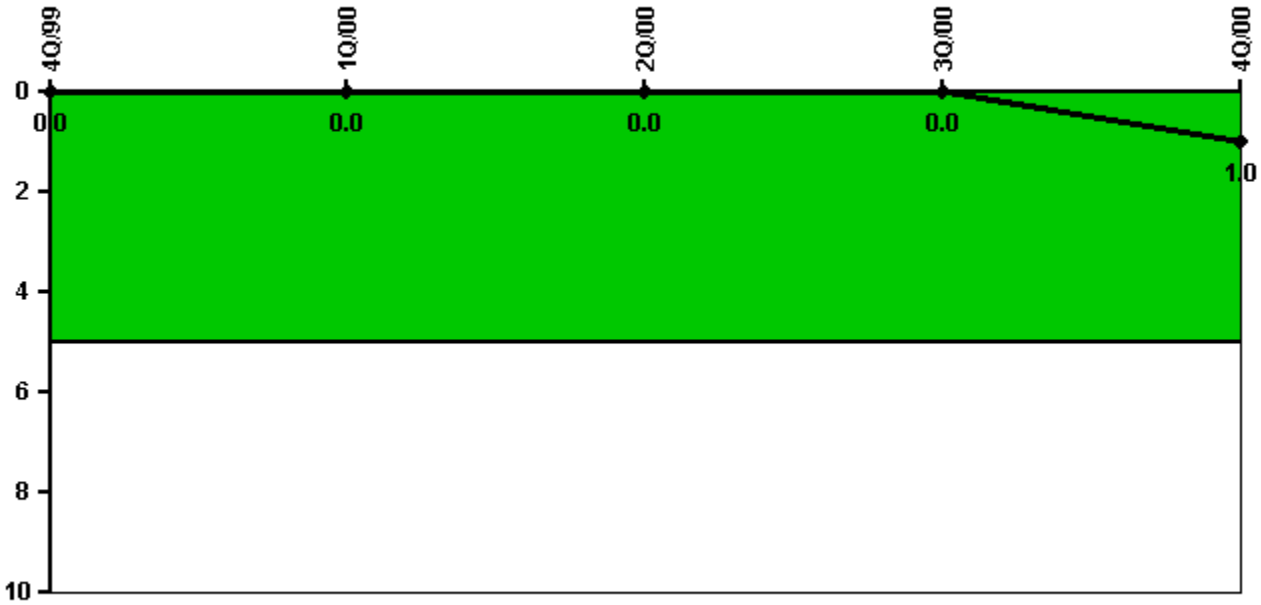
Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	1.42	9.62	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	0	0	0	5.40	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 3					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 4					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments:

4Q/00: As a result of a unique Indian Point design that contains two low head recirculation pumps, a containment sump, and associated components, the applicability of this system for monitoring RHR system unavailability was questioned via FAQ 236. The recirculation subsystem appeared to provide one of the performance indicator monitored functions defined as taking suction from the containment sump, cooling the fluid and injecting it into the RCS at low pressure. The NRC reviewed draft FAQ 21 and approved it as FAQ 236 resulting in a change in reporting for the RHR PI. The previously defined two train RHR system was changed to a four train RHR system with the inclusion of two additional trains for the recirculation subsystem. PI data has been provided by this report to reflect the inclusion of applicable historical unavailable hours for this recirculation subsystem (two additional RHR trains 3 and 4) up to the current reporting quarter (1Q97 - 4Q00). A review of historical records identified unavailability for only the new train 3 in the 2Q98, 3Q98, 4Q98. Also, as a result of this review data was identified requiring correction of the unavailable hours for the existing train 1 in the 2Q98. The 1Q01 PI report contains applicable data for the four train defined RHR system and includes the two additional trains for the recirculation system (trains 3 and 4). Components common to each function (e.g., RHR heat exchangers) will have any applicable unavailable hours assigned to the effected trains. This change does not result in a threshold exceedance (color change) for the indicator.

Safety System Functional Failures (PWR)



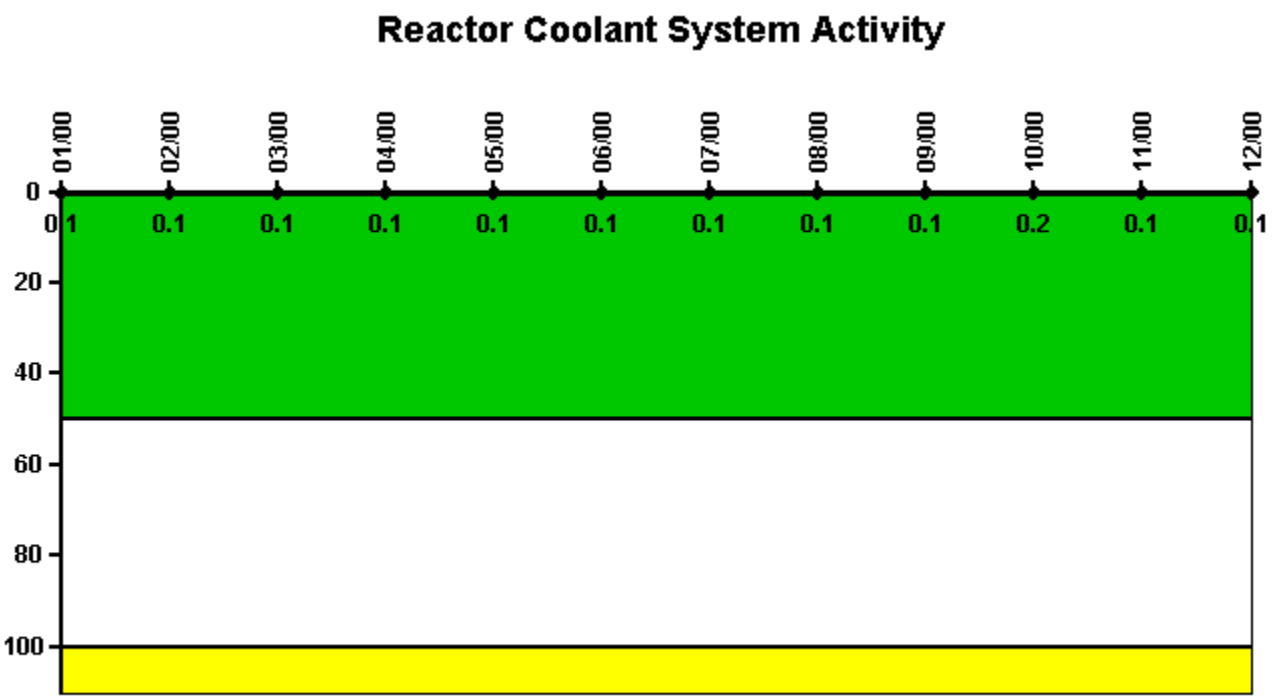
Thresholds: White > 5.0

Notes

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

Licensee Comments:

4Q/00: SSFF for event reported on 11/13/00 in LER-2000-010-00 due to isolation of containment spray system spray additive tank during maintenance.



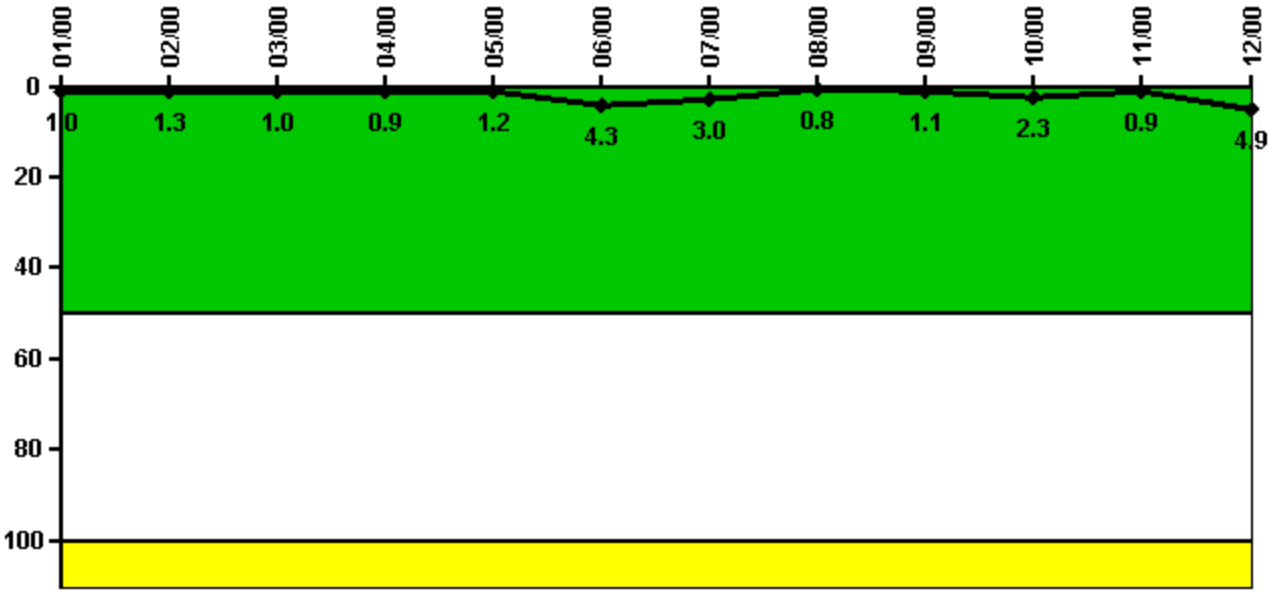
Thresholds: White > 50.0 Yellow > 100.0

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	0.000763	0.000724	0.000764	0.000760	0.000927	0.001310	0.001260	0.001260	0.001420	0.002340	0.001380	0.001350
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

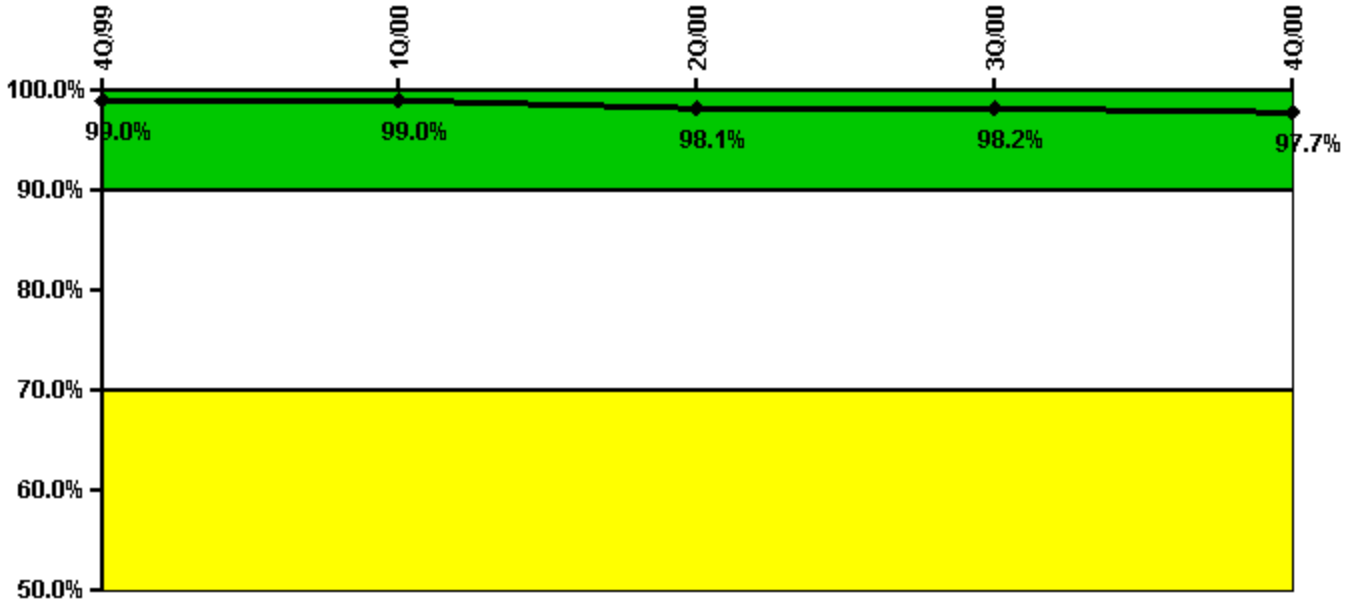
Notes

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	0.100	0.130	0.100	0.090	0.120	0.430	0.300	0.080	0.110	0.230	0.090	0.490
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	**1.0**	**1.3**	**1.0**	**0.9**	**1.2**	**4.3**	**3.0**	**0.8**	**1.1**	**2.3**	**0.9**	**4.9**

Licensee Comments:

12/00: In December a leak rate of 0.49 was calculated after a maintenance shutdown but was based on less than the recommended steady state 4 hours sampling duration due to dilution for xenon. The maximum leak rate under stable conditions for greater than 4 hour duration was 0.09 gpm.

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

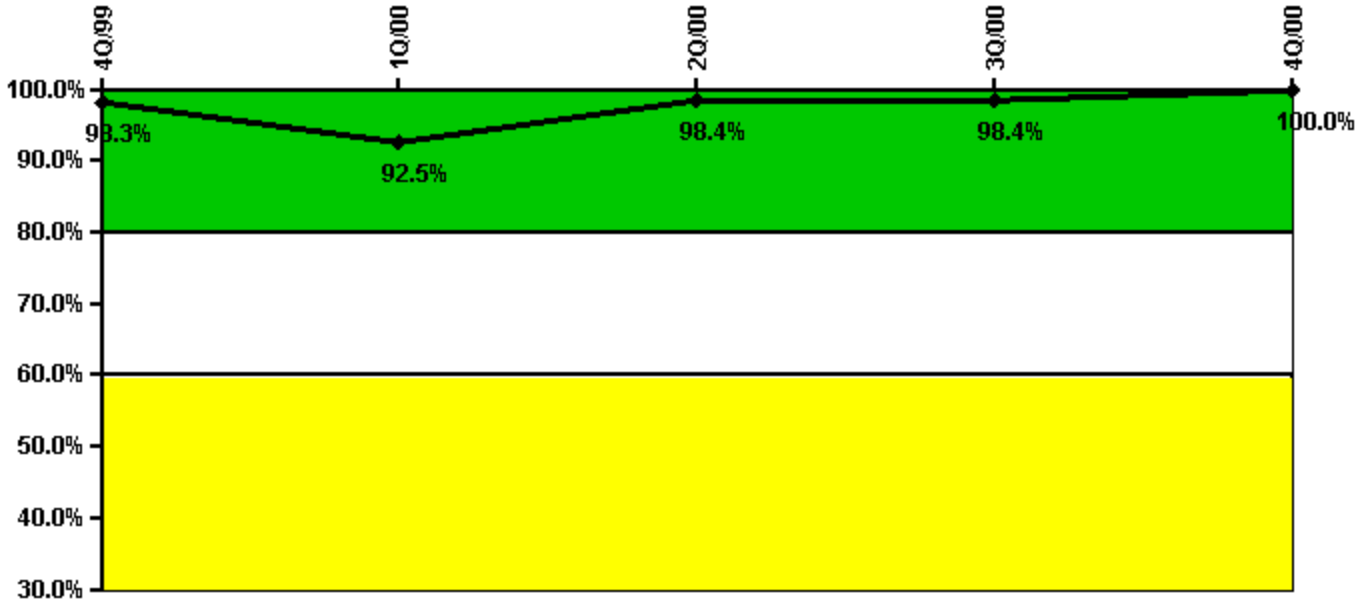
Notes

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

Licensee Comments:

3Q/00: LER-2000-010 dated November 13, 2000, reported that the Containment Spray System (CSS) Spray Additive Tank (SAT) had been isolated on July 21, 2000, as a result of preventive maintenance. The isolation of the SAT prevented the CSS from performing one of its safety functions. Because the Technical Specifications does not provide any allowed outage time (AOT) for the SAT, the condition required initiation of plant shutdown and shutdown within 4 hours if not corrected. In accordance with the Emergency Plan Action Level EAL 7.1.1, an NUE is required to be declared if the plant is not brought to the required operating mode within the Technical Specification Limiting Condition for Operation (LCO) Action Statement time. Operators did not identify the condition at the time and therefore did not declare an NUE when the event occurred on July 21, 2000. A followup revised Event Notification (No. 37425) was provided to the NRC on November 7, 2000. Failure to classify the NUE was determined to be a missed opportunity. The change does not result in exceeding a threshold and thereby affect the color of the indicator.

ERO Drill Participation



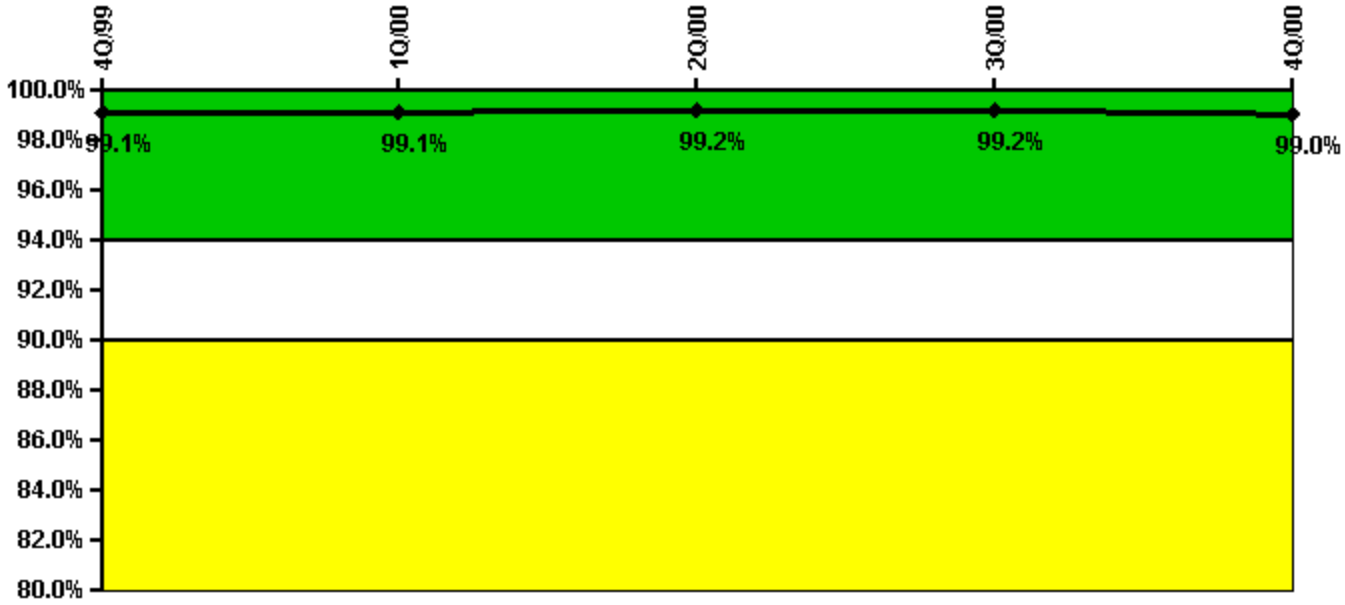
Thresholds: White < 80.0% Yellow < 60.0%

Notes

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

Licensee Comments: none

Alert & Notification System



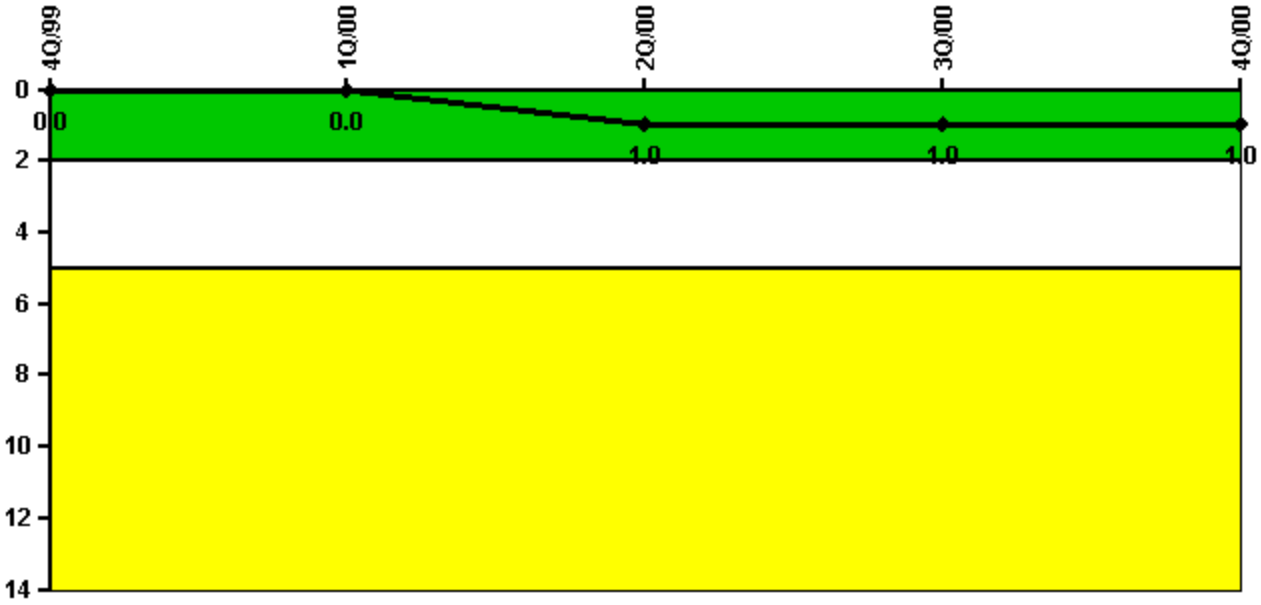
Thresholds: White < 94.0% Yellow < 90.0%

Notes

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

Licensee Comments: none

Occupational Exposure Control Effectiveness



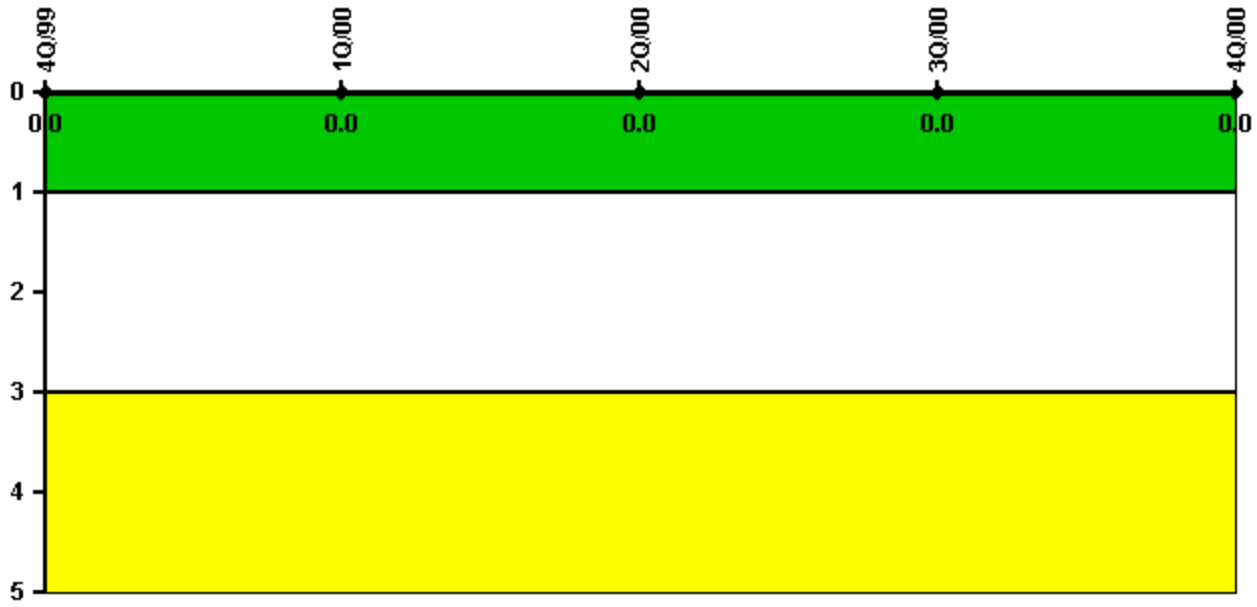
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
High radiation area occurrences	0	0	1	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	**0**	**0**	**1**	**1**	**1**

Licensee Comments: none

RETS/ODCM Radiological Effluent

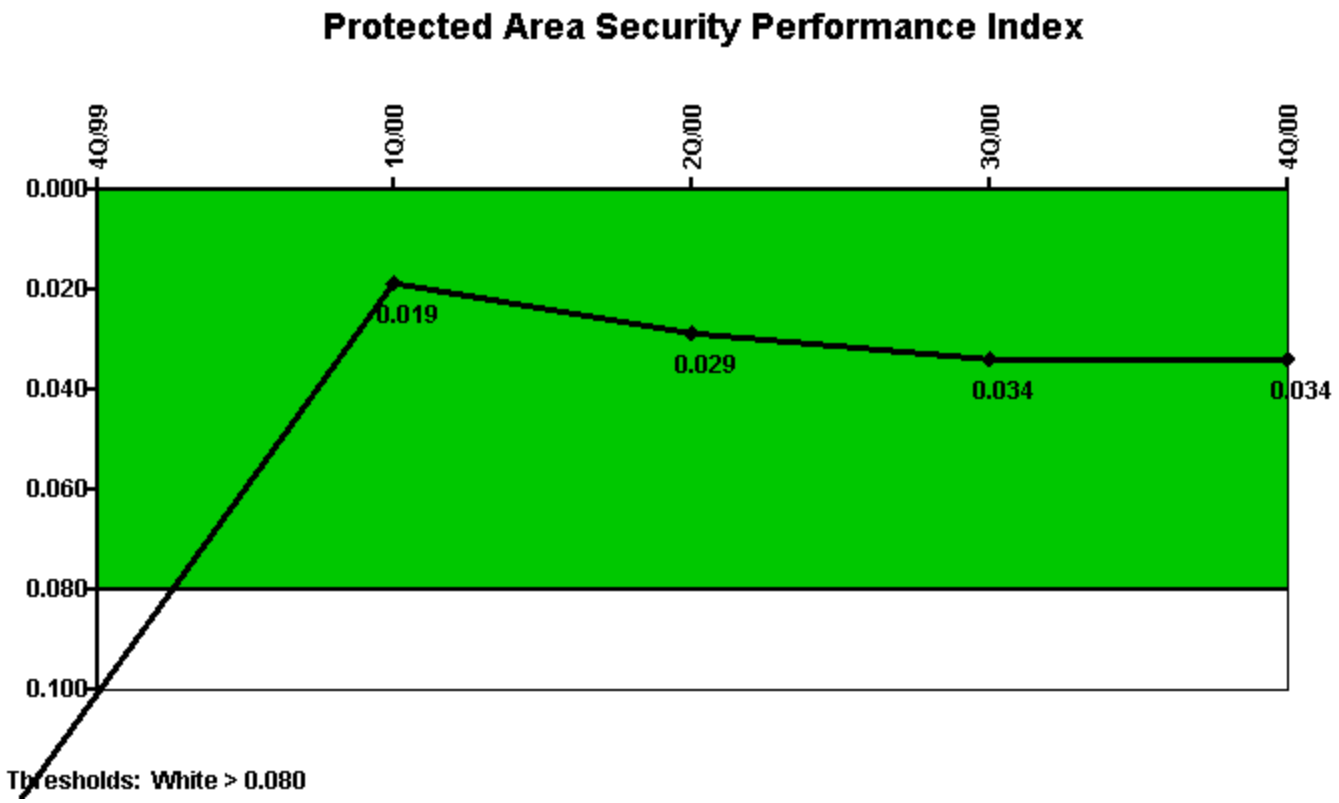


Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

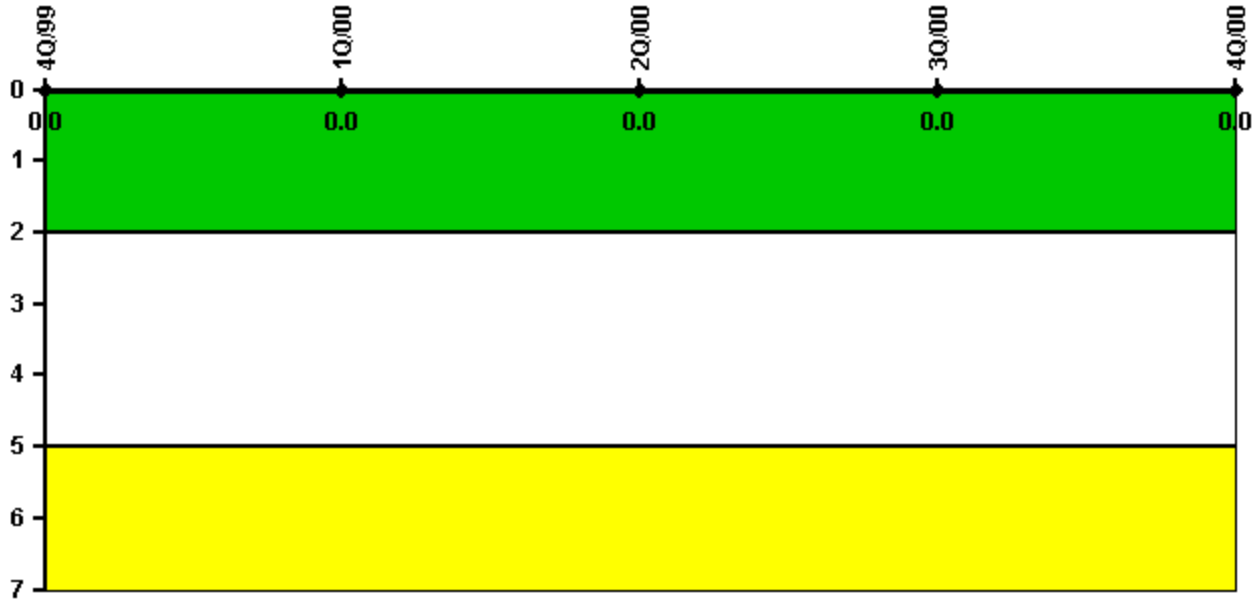


Notes

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

Licensee Comments: none

Personnel Screening Program



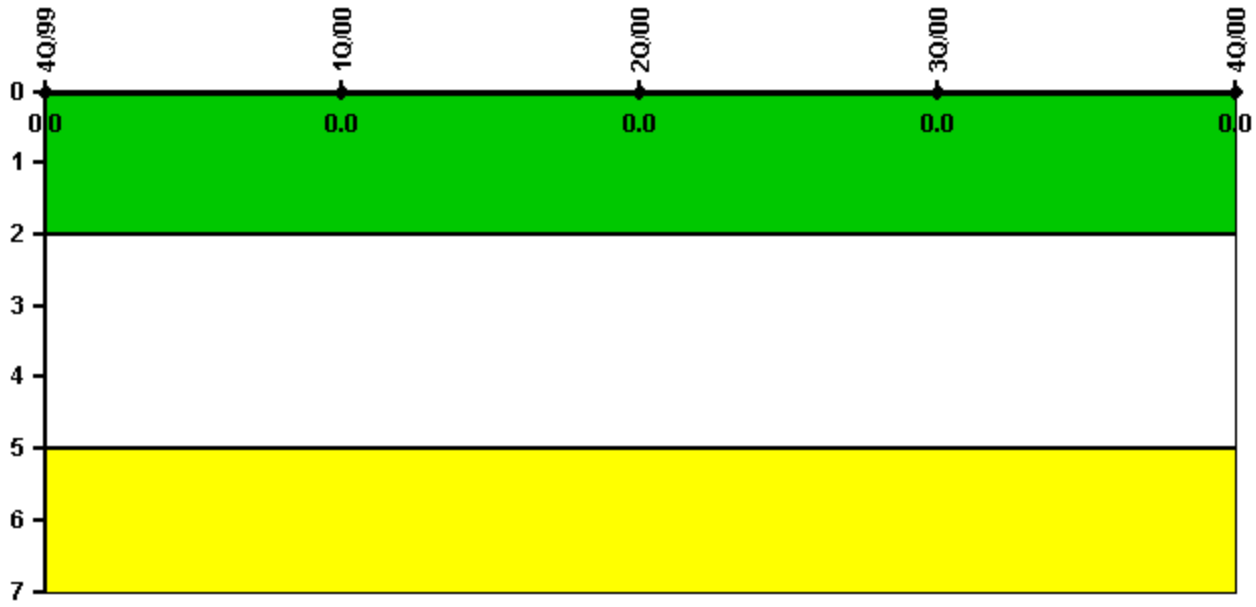
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program failures	0	0	0	0	0
Indicator value	**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
Program Failures	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Action Matrix Summary | Reactor Oversight Process

Last Modified: March 28, 2002