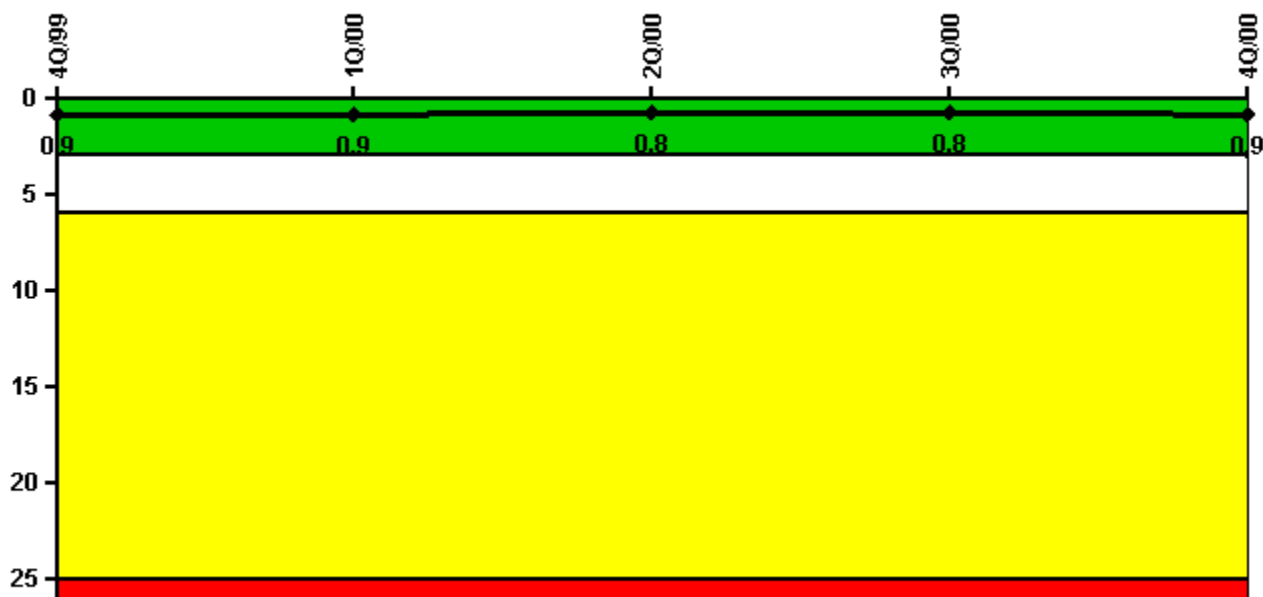


Wolf Creek 1

4Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

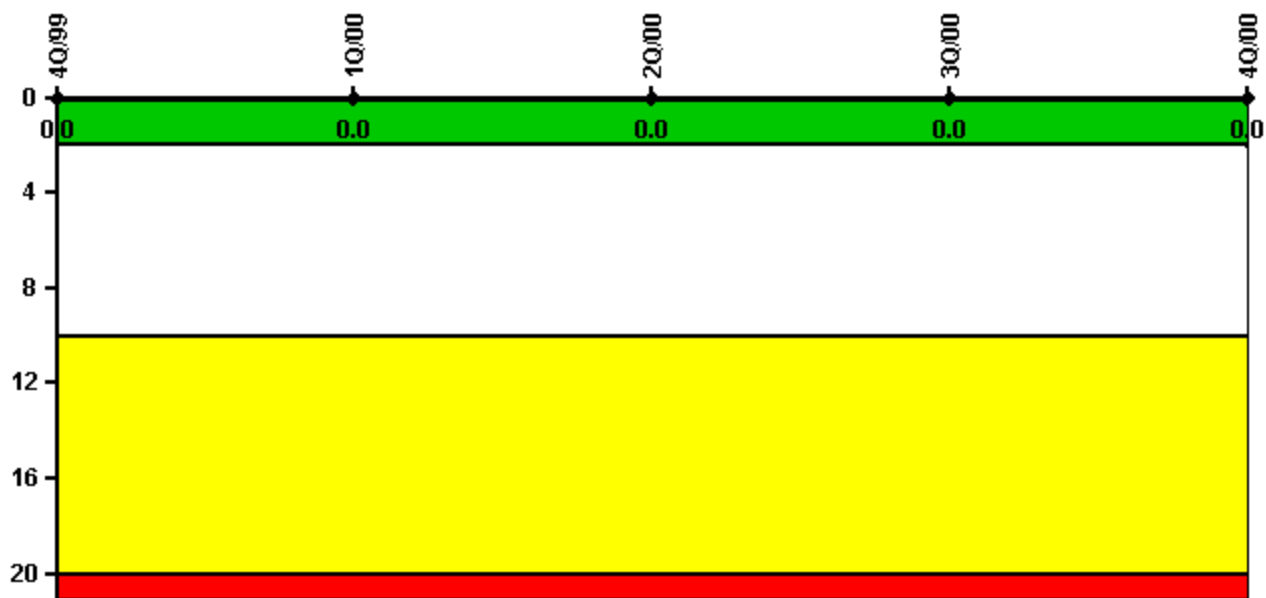
Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	0	0	0	1.0	0
Critical hours	2209.0	2184.0	2183.0	2151.7	1340.7
Indicator value	0.9	0.9	0.8	0.8	0.9

Licensee Comments:

4Q/00: Refueling Outage XI began 9/29/00. Reactor was critical at 0320 on 11/6/00 after Refuel XI.

Scrams with Loss of Normal Heat Removal



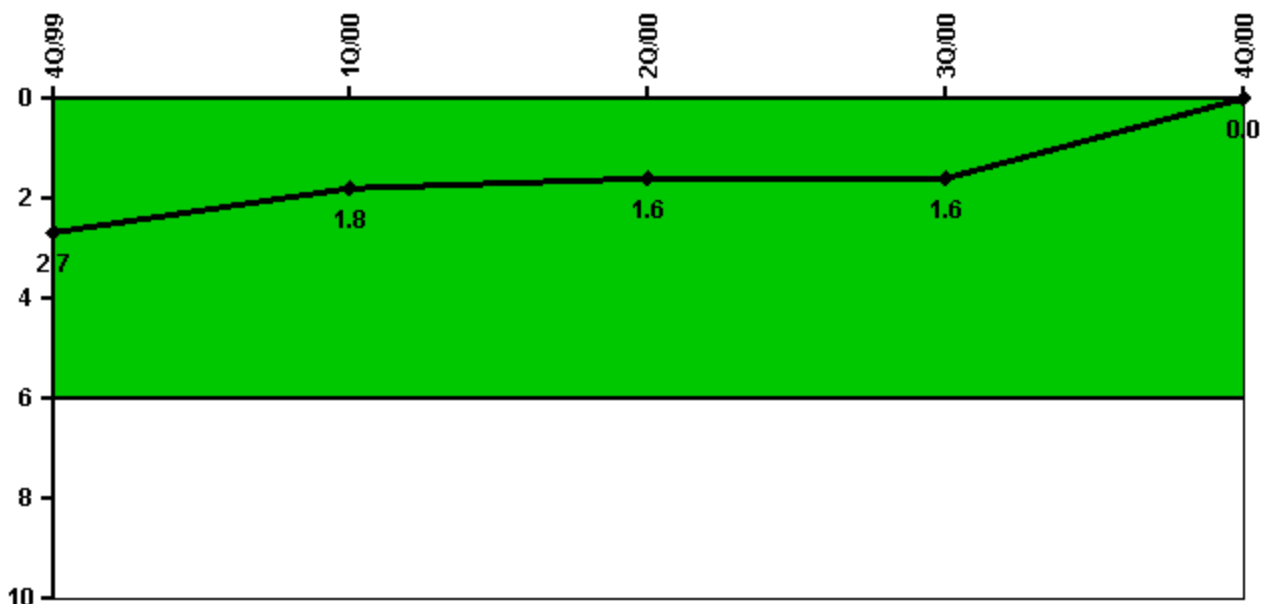
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

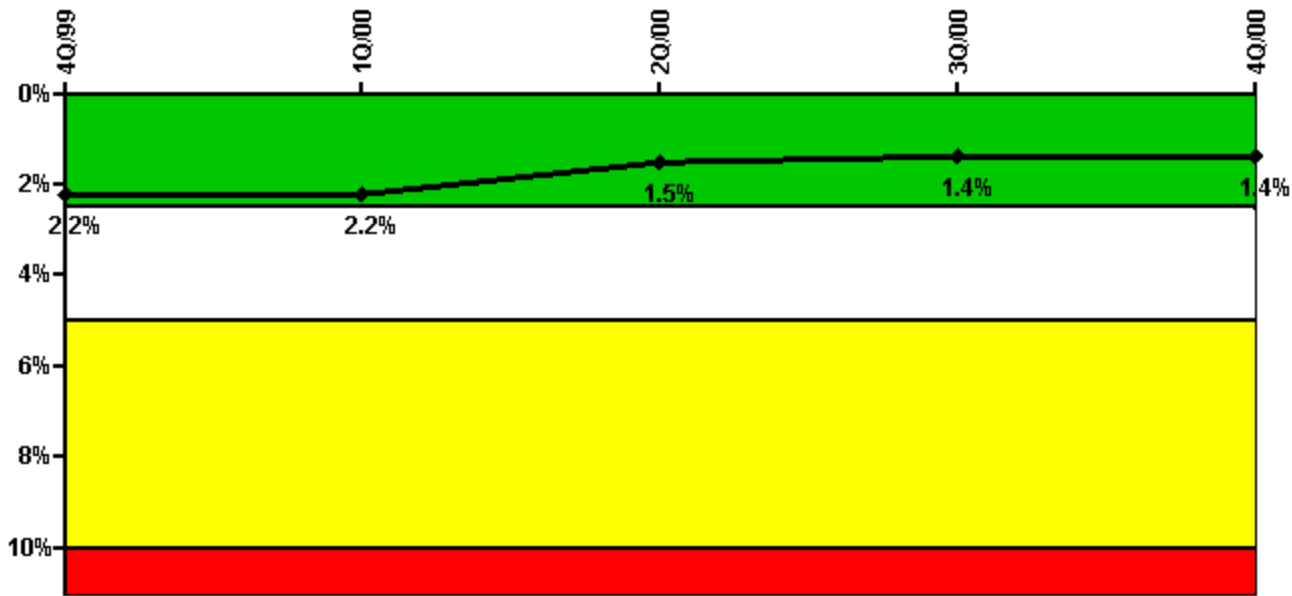
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	2.0	0	0	0	0
Critical hours	2209.0	2184.0	2183.0	2151.7	1340.7
Indicator value	2.7	1.8	1.6	1.6	0

Licensee Comments:

4Q/00: Entered Refueling Outage XI on 9/29/00. Reactor was critical at 0320 on 11/6/00 after Refuel XI.

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
Train 1					
Planned unavailable hours	35.20	54.64	33.88	2.60	15.72
Unplanned unavailable hours	44.40	10.90	4.78	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	395.50	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	3.58	38.68	3.64	19.17	0.95
Unplanned unavailable hours	3.33	0	20.57	0	7.43
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	2.2%	2.2%	1.5%	1.4%	1.4%

Licensee Comments:

4Q/00: Change: A train EDG changed from 14.95 hours of unavailability to 15.15 hours of unavailability. 7/2001 change to October 2000 hours train required for service: added 1 hour due to daylight savings time (744 to 745).

4Q/00: Change: A train EDG changed from 14.95 hours of unavailability to 15.15 hours of unavailability.

Effective Reset Comments:

2Q/00: First Quarter 1999: WCNOG had "removed" 395.5 fault exposure hours in accordance with NEI 99-02, Rev 0 requirements: 1) Four quarters have elapsed since the time of discovery (2/1999), 2) The hours accrued were greater than or equal to 336, 3) Corrective actions associated with the item to preclude recurrence have been completed, and 4) Supplemental inspection activities (50-48/99-17) have been completed and all items closed. Based upon meeting the above requirements, WCNOG removed the hours in May 2000. In accordance with RIS 2001-23, dated December 3, 2001, the hours that were previously removed were "reset" under the new process.

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

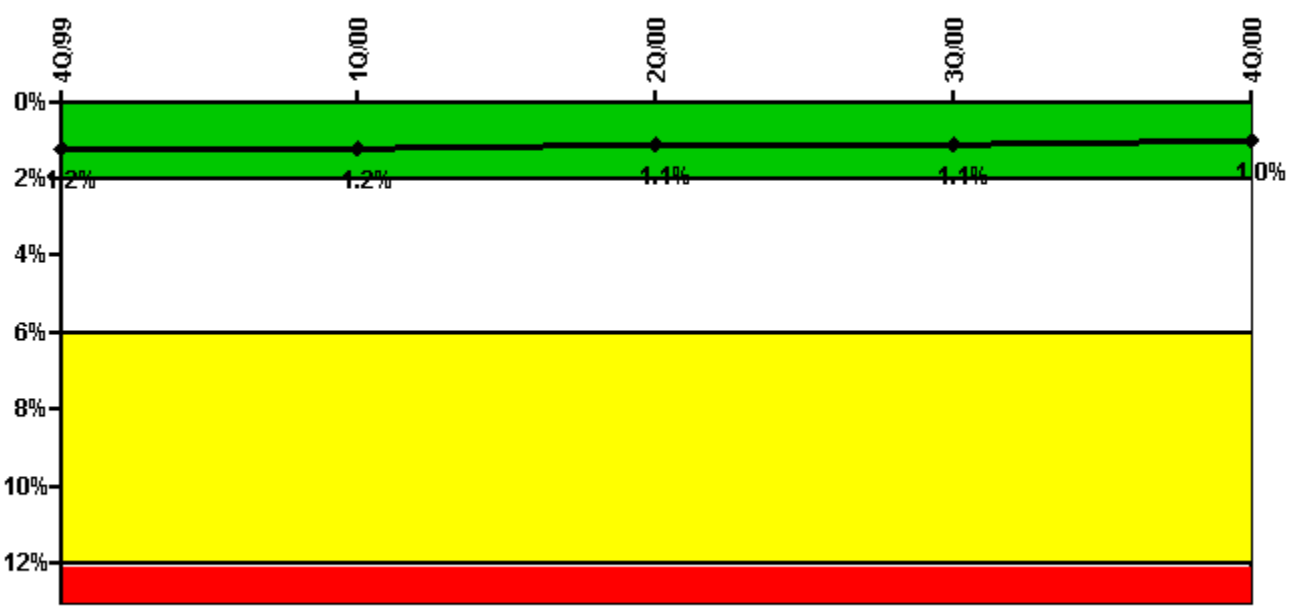
Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	36.27	50.80	33.36	8.78	8.32
Unplanned unavailable hours	44.33	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1421.00
Train 2					
Planned unavailable hours	40.98	54.10	18.04	16.23	0.74
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	1385.00
Train 3					
Planned unavailable hours	0.38	61.59	9.34	11.63	8.30
Unplanned unavailable hours	44.33	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	1385.00
Train 4					
Planned unavailable hours	0.15	50.49	5.90	20.86	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	1385.00
Indicator value	0.7%	0.9%	0.9%	0.9%	0.9%

Licensee Comments:

4Q/00: A train CCP required for service from Mode 4 entry and beyond, req. hrs. equaled 677. B train CCP required for service from Mode 3 entry and beyond required hrs. equaled 641. A & B train SI required from Mode 3 entry and beyond required hrs. equaled 641.

Safety System Unavailability, Heat Removal System (AFW)



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

Notes

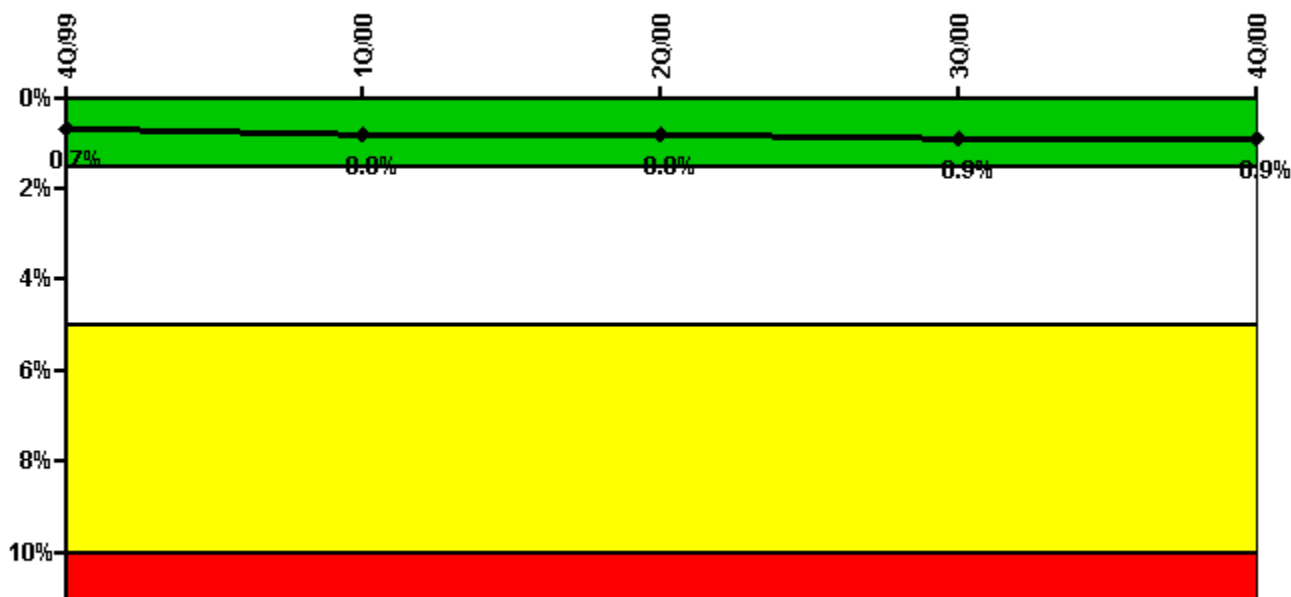
Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	22.52	67.52	3.44	15.48	9.25
Unplanned unavailable hours	44.40	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	1385.00
Train 2					
Planned unavailable hours	16.40	45.22	1.93	18.51	1.78
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	1385.00
Train 3					
Planned unavailable hours	3.14	14.86	2.51	17.71	2.04

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	1385.00
Indicator value	1.2%	1.2%	1.1%	1.1%	1.0%

Licensee Comments:

4Q/00: A, B, & C train AFW required for service from Mode 3 entry and beyond thus required hrs. = 641

Safety System Unavailability, Residual Heat Removal System



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

Notes

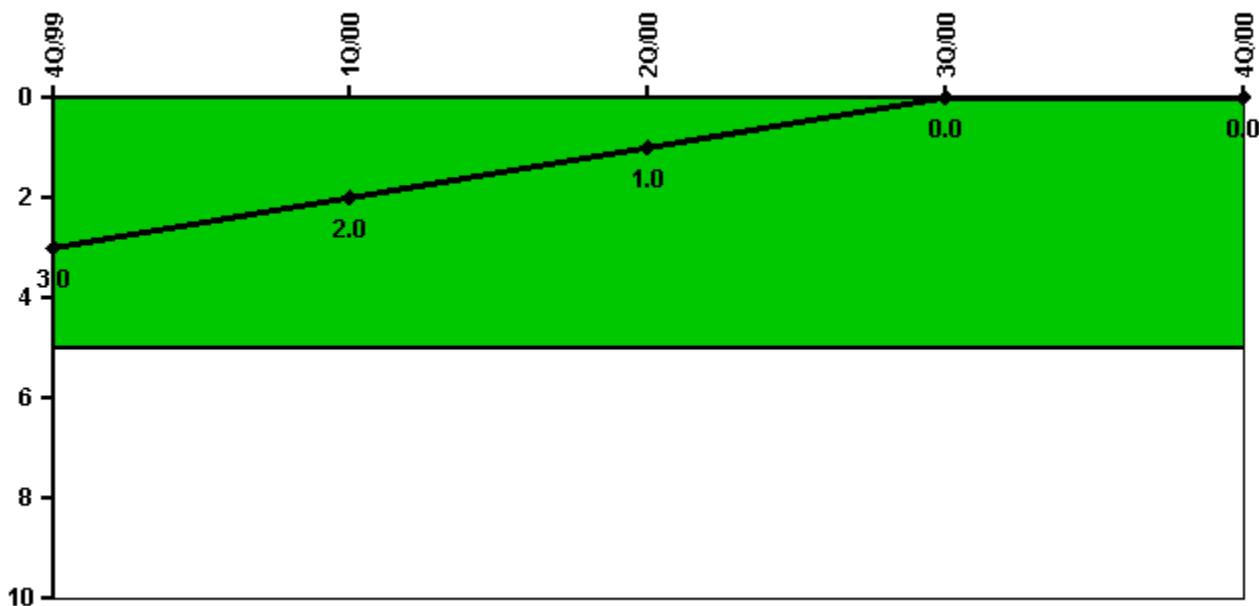
Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	21.70	51.43	26.51	11.05	7.97
Unplanned unavailable hours	44.40	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	15.93	32.33	22.23	34.88	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	0.7%	0.8%	0.8%	0.9%	0.9%

Licensee Comments:

4Q/00: October 2000 hours train required for service changed from 744 to 745 due to daylight savings time.

Safety System Functional Failures (PWR)



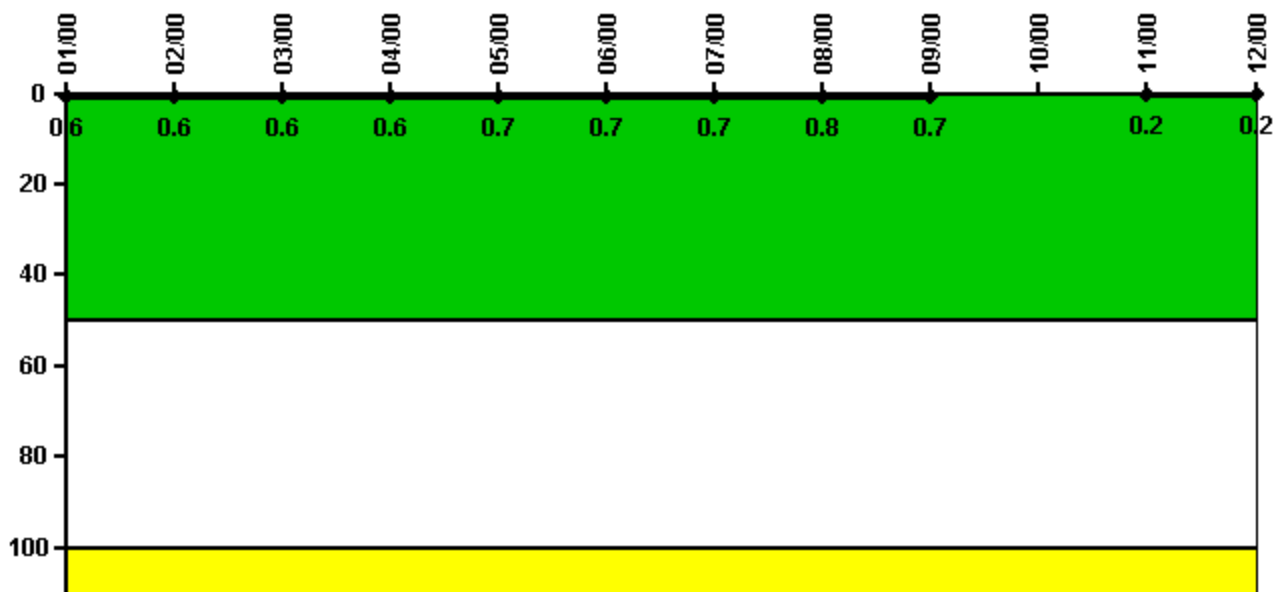
Thresholds: White > 5.0

Notes

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

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	0.005600	0.005800	0.006300	0.005900	0.007000	0.006600	0.007080	0.007590	0.007000	N/A	0.001530	0.001930
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	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.7	N/A	0.2	0.2

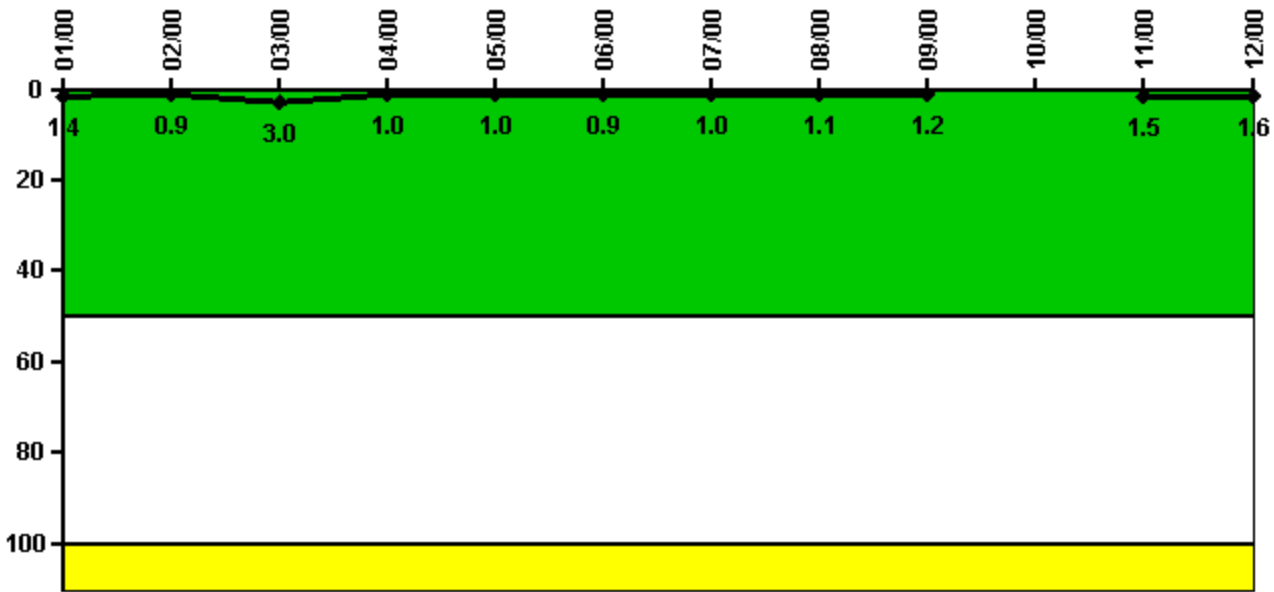
Licensee Comments:

12/00: Entered Refueling Outage XI on 9/29/00. *Changed 10/2000 from a zero to an N/A.

12/00: Entered Refueling Outage XI on 9/29/00. *Changed 10/2000 from a zero to an N/A.

9/00: Changed:9/2000 to .007 as the original number (.0131) was not the steady state data

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

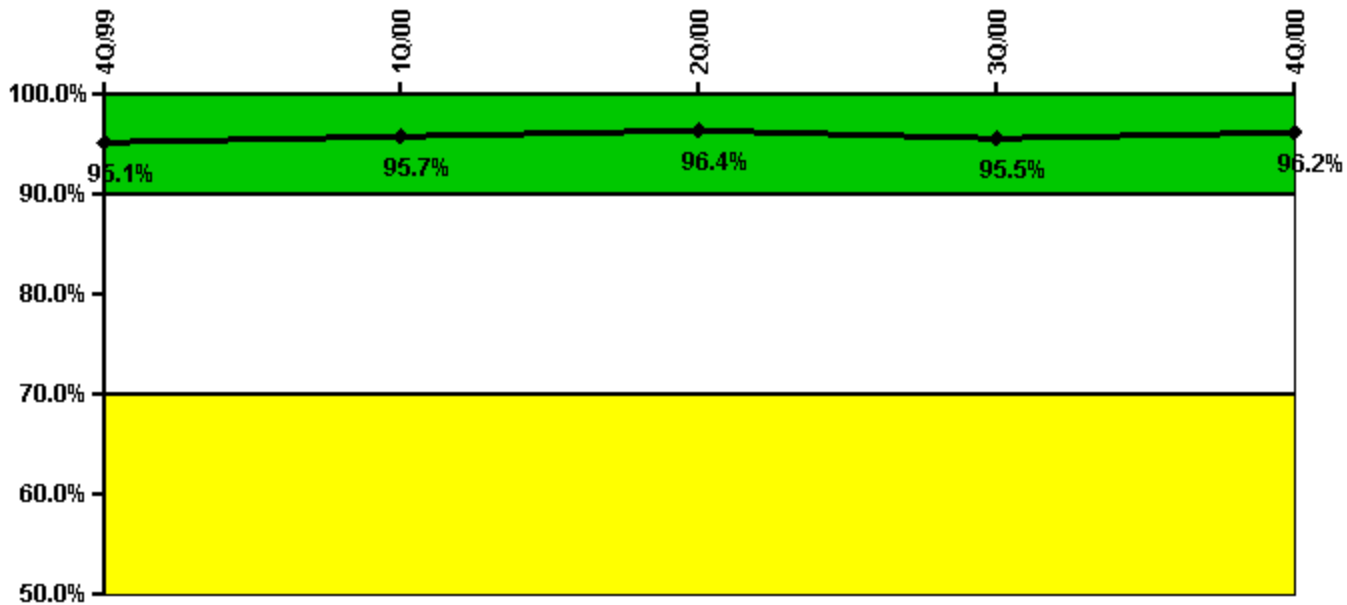
Notes

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	0.135	0.090	0.295	0.098	0.100	0.088	0.095	0.105	0.124	N/A	0.155	0.161
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	1.4	0.9	3.0	1.0	1.0	0.9	1.0	1.1	1.2	N/A	1.5	1.6

Licensee Comments:

12/00: Changed: 10/2000 data from a zero to an N/A.

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	57.0	56.0	39.0	64.0	25.0
Total opportunities	60.0	57.0	40.0	71.0	25.0
Indicator value	95.1%	95.7%	96.4%	95.5%	96.2%

Licensee Comments:

3Q/00: Revised July to show addition license requal opportunities. August data revised to reflect a classification that did not occur and one less opportunity for a notification.

1Q/00: Previously reported a quarterly number for March 2000 that was revised to show just March statistics. In addition for one drill during the month of March one opportunity was removed due to lack of supporting records.

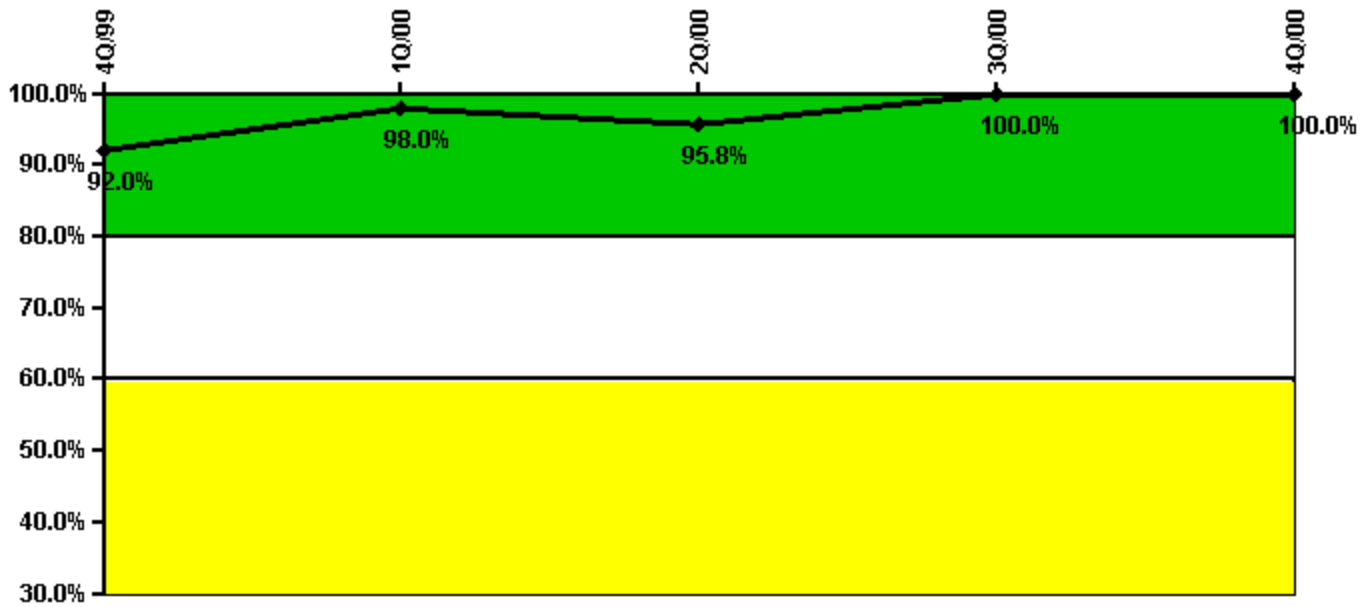
4Q/99: Previously reported 58 successes with 62 opportunities; revised to removed a failure to meet procedural expectations item that was counted twice and should have only been counted once.

3Q/99: Document reviews disclosed records supporting additional opportunities for this period.

2Q/99: Document reviews disclosed that records supporting a second classification were not evident, therefore the previously reported 12 opportunities and 12 successes were revised to 10 opportunities and 10 successes.

3Q/98: Data for 3rd quarter 1998 was previously reported as 41 successes with 43 opportunities, this data has been revised due to additional document reviews.

ERO Drill Participation



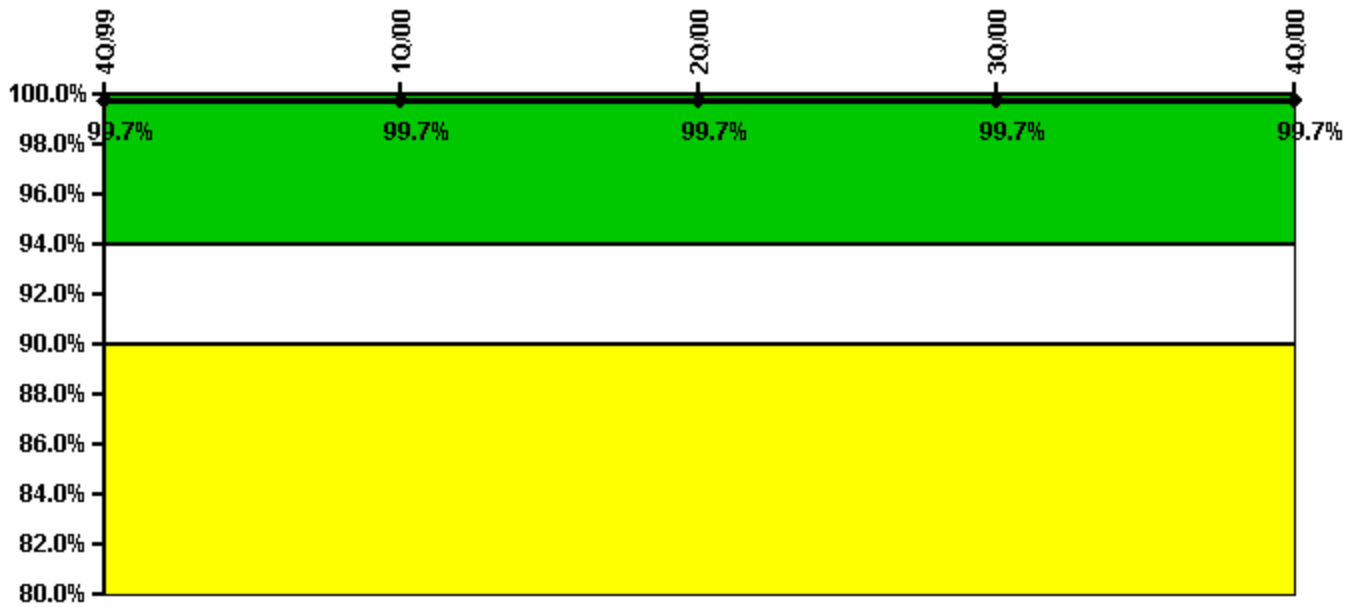
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	46.0	48.0	46.0	46.0	46.0
Total Key personnel	50.0	49.0	48.0	46.0	46.0
Indicator value	92.0%	98.0%	95.8%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



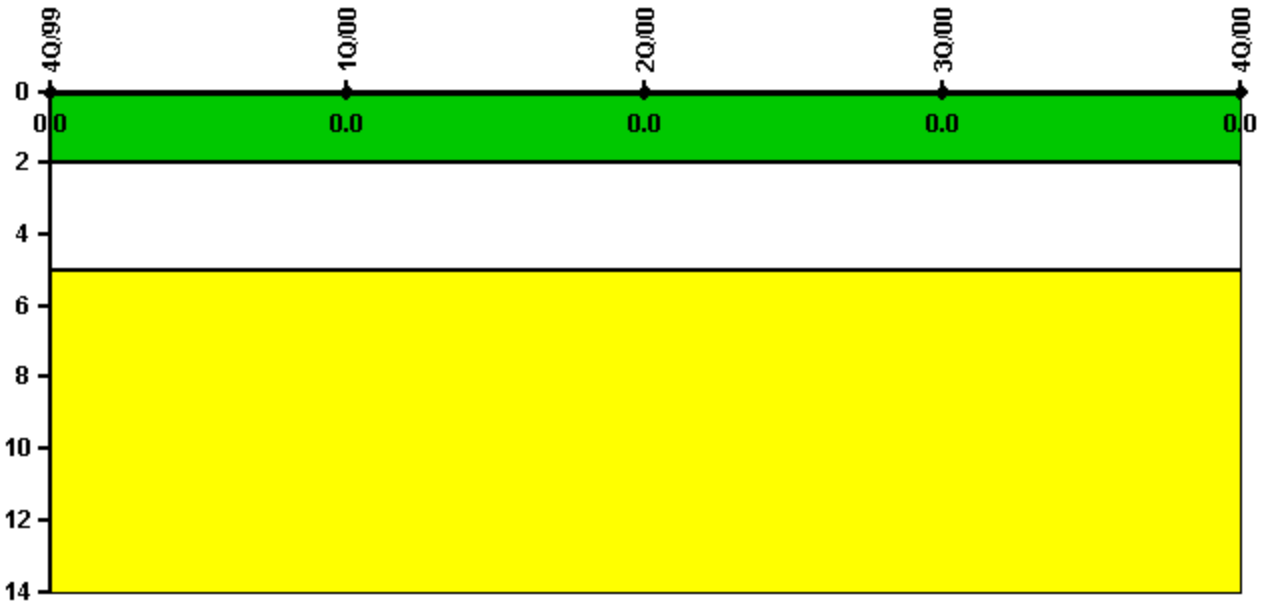
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	78	77	76	66	77
Total sirens-tests	78	77	77	66	77
Indicator value	99.7%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



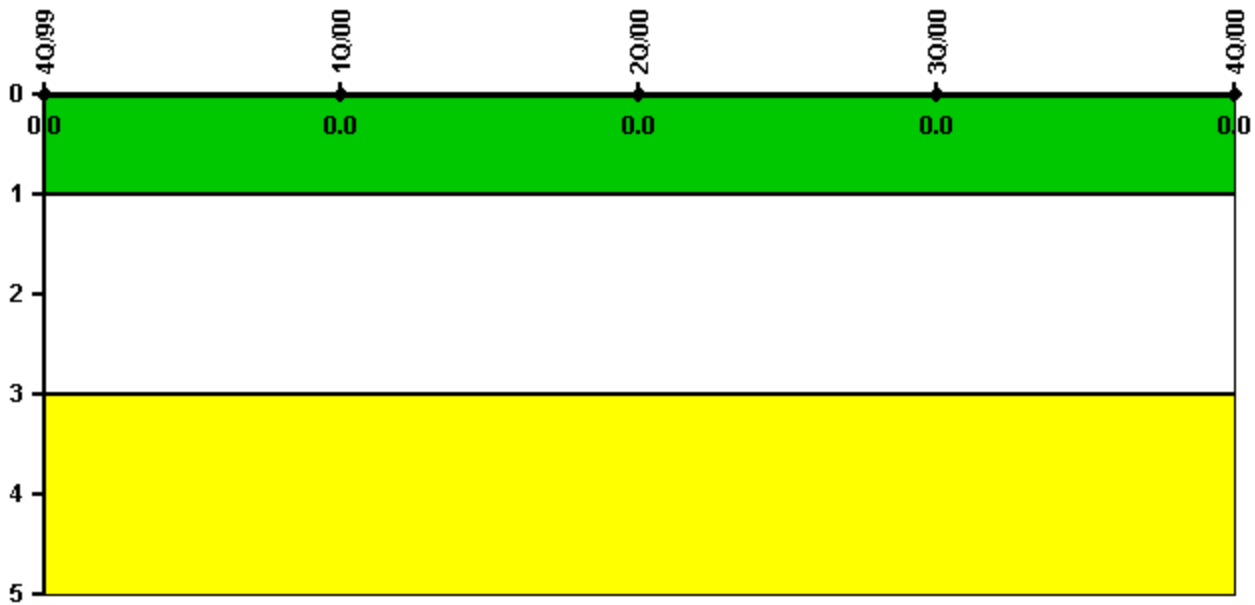
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



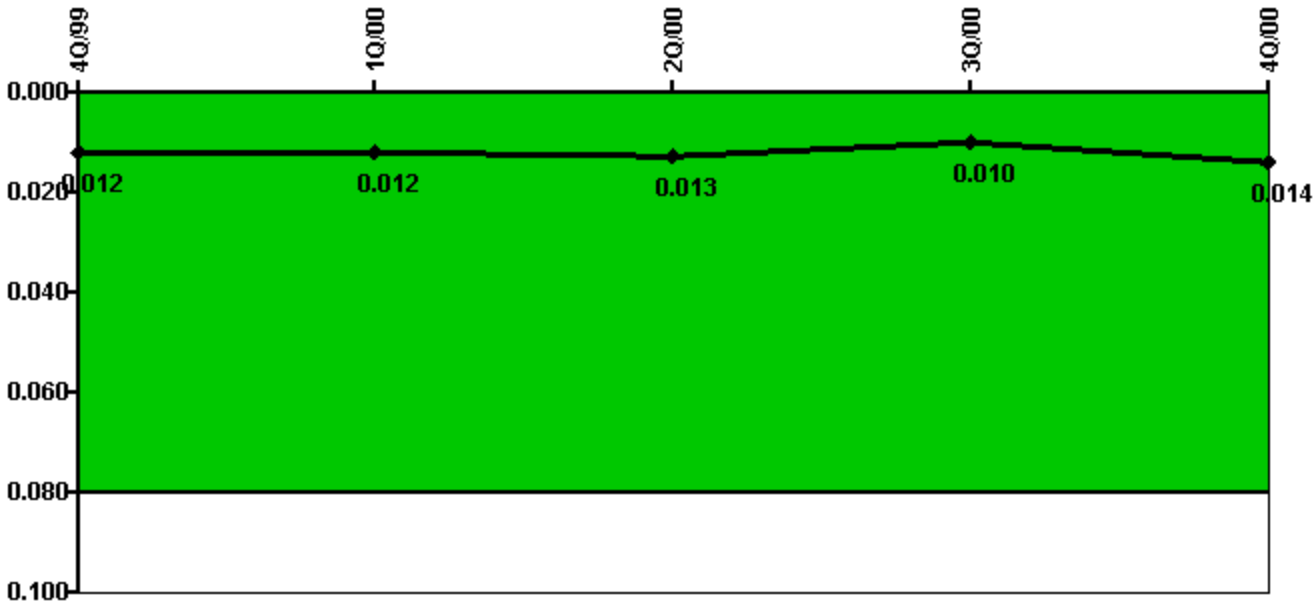
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



Thresholds: White > 0.080

Notes

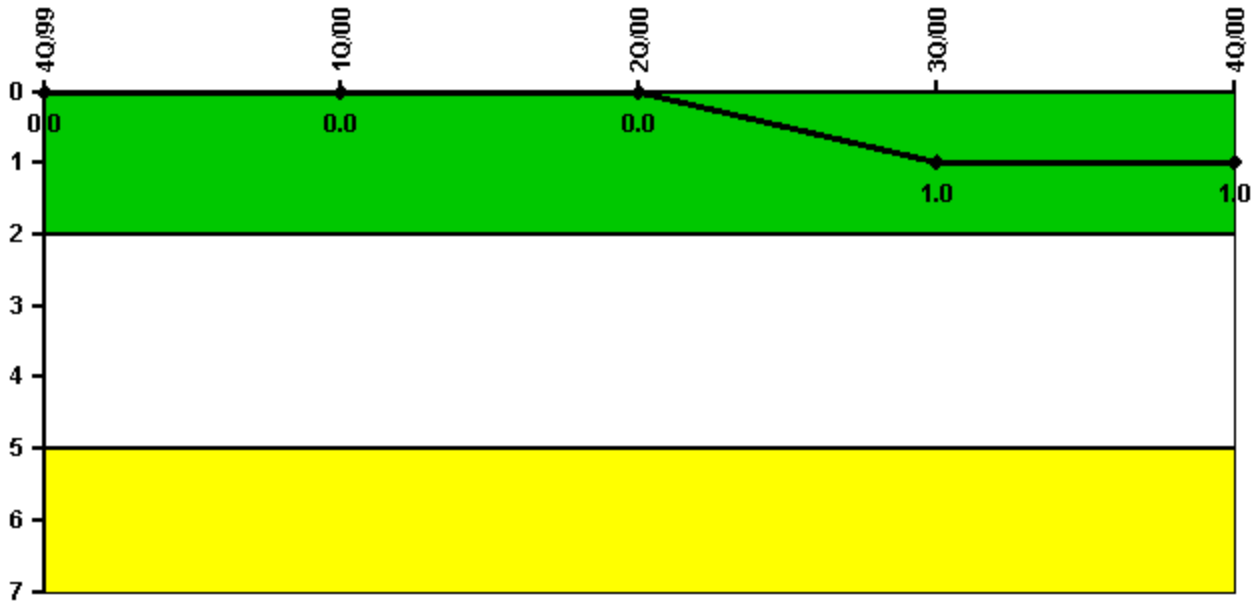
Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	0.60	98.10	28.40	25.50	106.30
CCTV compensatory hours	17.9	3.4	35.8	36.0	26.7
IDS normalization factor	1.50	1.50	1.50	1.50	1.50
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3
Index Value	0.012	0.012	0.013	0.010	0.014

Licensee Comments:

4Q/00: Review of security activity identified 1.3 hours over reported for December 2000 IDS Compensatory hours. (105.5 to 104.2)

3Q/00: Review of security activity identified 2.3 hours to be added to September 2000 CCTV (18.6 to 20.9).

Personnel Screening Program



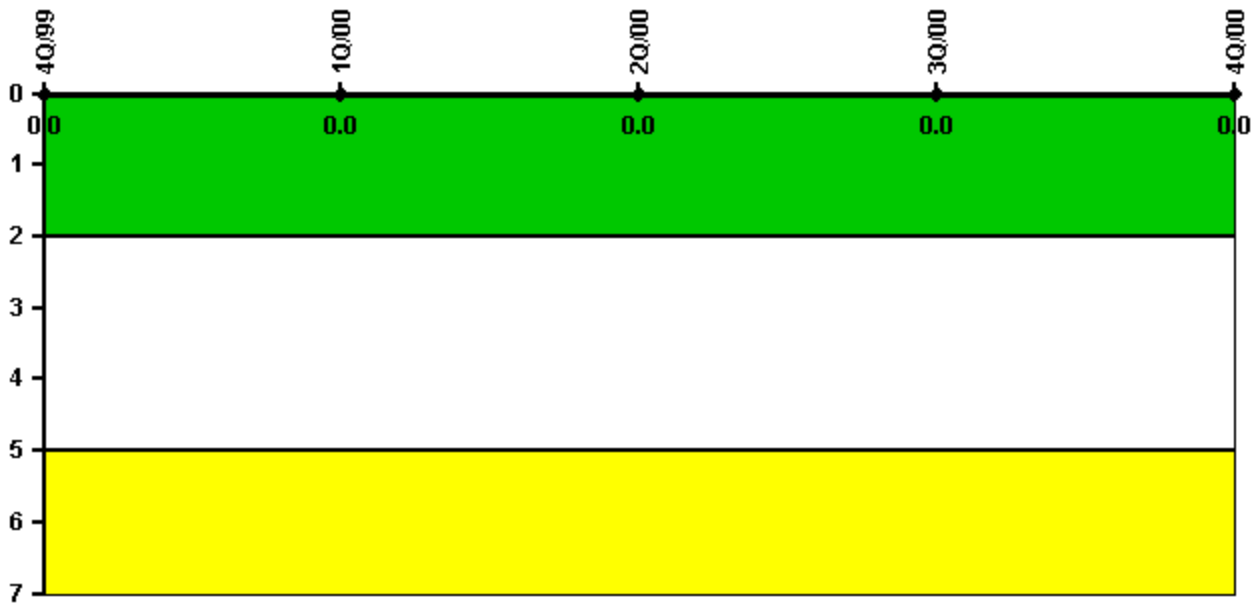
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

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