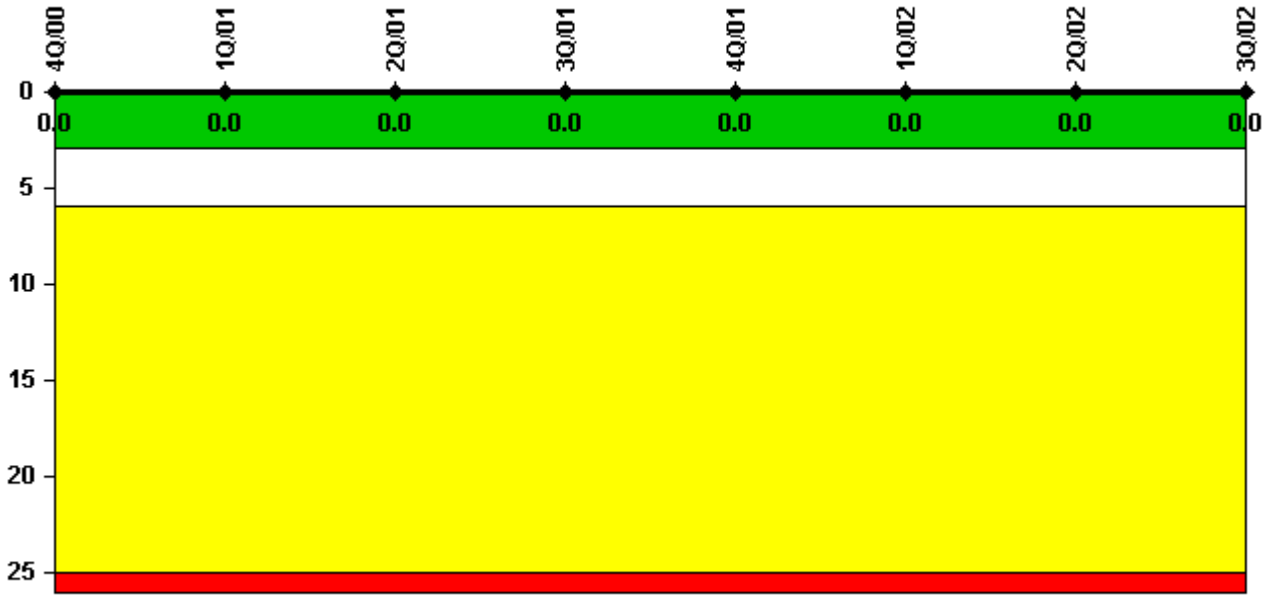


Comanche Peak 1

3Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



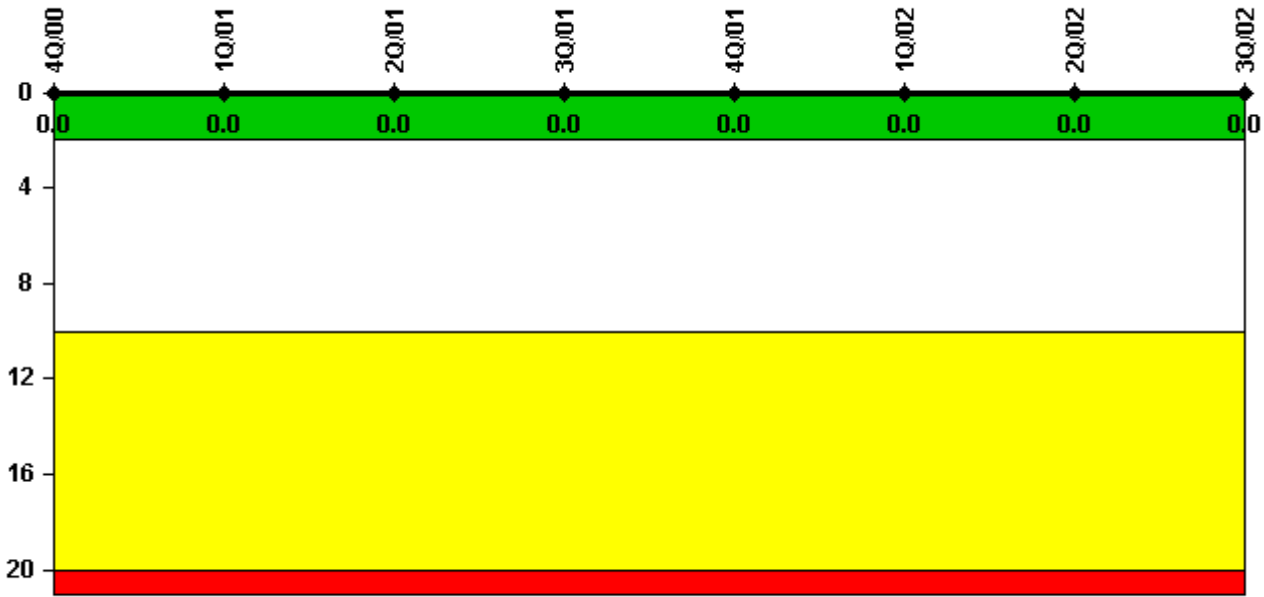
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	1981.6	1688.7	1969.4	2209.0	2160.0	2183.0	2139.2
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



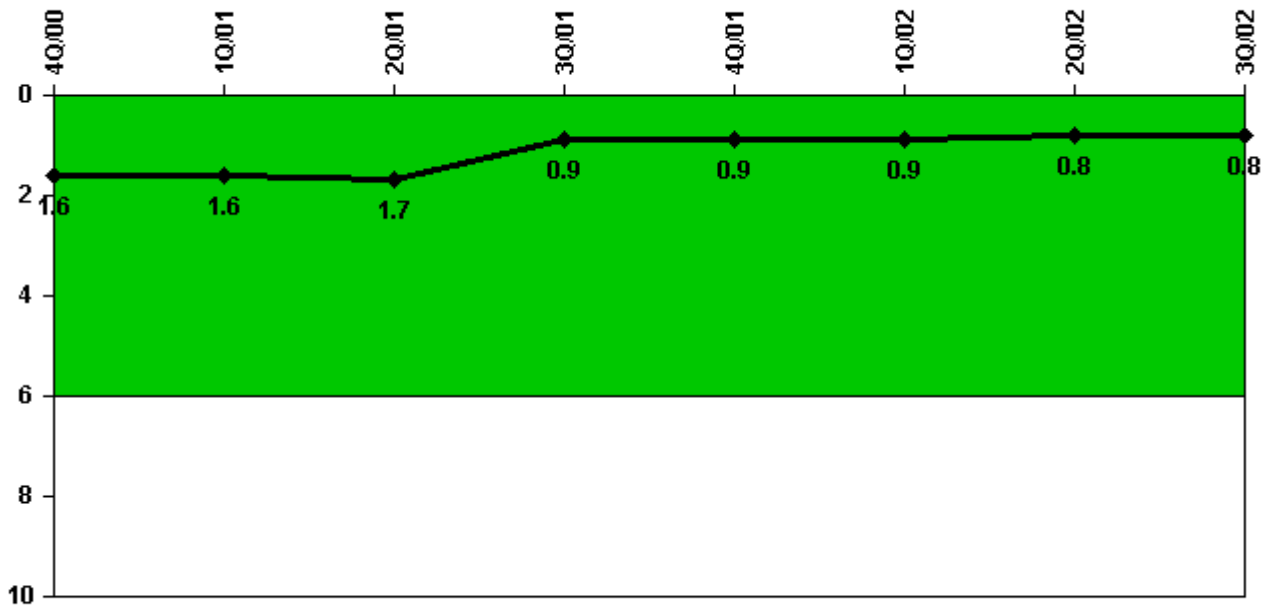
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



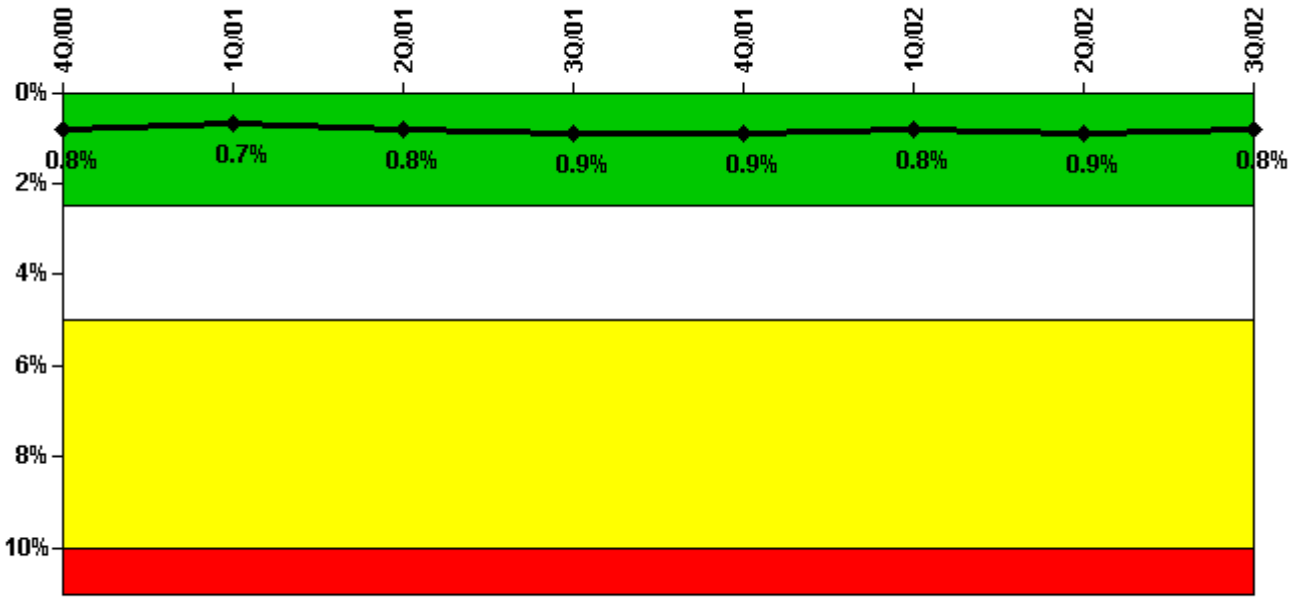
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned power changes	0	0	0	1.0	0	0	0	1.0
Critical hours	2209.0	1981.6	1688.7	1969.4	2209.0	2160.0	2183.0	2139.2
Indicator value	1.6	1.6	1.7	0.9	0.9	0.9	0.8	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

Safety System Unavailability, Emergency AC Power	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	4.00	22.10	22.50	57.50	20.00	5.20	28.40	7.80
Unplanned unavailable hours	0	0	0	0	0	0	0.70	1.60
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	3.70	5.20	22.60	15.70	12.30	13.10	32.90	6.90
Unplanned unavailable hours	0	0	0	2.10	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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.8%	0.7%	0.8%	0.9%	0.9%	0.8%	0.9%	0.8%

Licensee Comments:

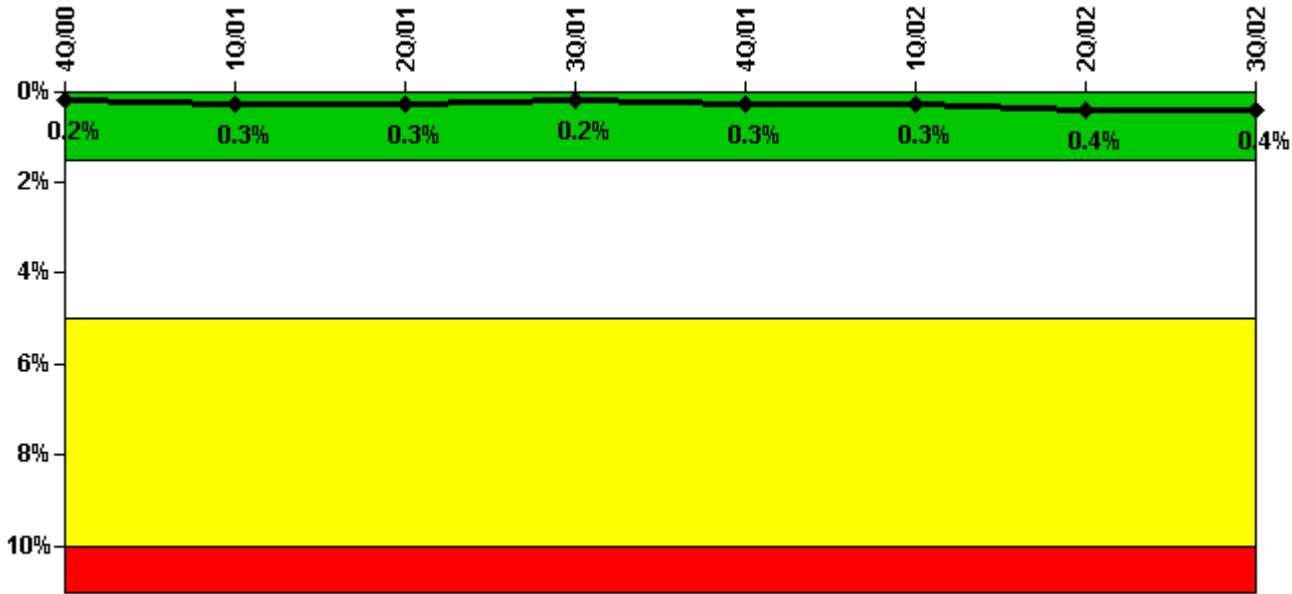
3Q/02: A postulated design issue has been identified by Comanche Peak but it has no impact to the performance trend or to the color of the indicator. The postulated design issue is related to an Emergency Diesel Generator (EDG) being paralleled to the grid during EDG testing. Per NEI 99-02, Rev. 2, page 33, lines 8 through 23, which addresses equipment failures due to design deficiencies, time periods in this condition are not being included in the unavailability calculation. The estimated hours in which each EDG was paralleled to the grid when it was required to be available are: EDG 1-01 = 106.8 hours, EDG 1-02 = 100.7 hours, EDG 2-01 = 99.7 hours and EDG 2-02 = 105.9 hours.

2Q/02: Internal audit identified minor correction of 0.8 planned unavailable hours to DG1-01, there was no change to the indicator and no impact to green white threshold.

Required hours	2209.00	1981.60	1688.70	1969.40	2209.00	2160.00	2183.00	2139.20
Indicator value	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



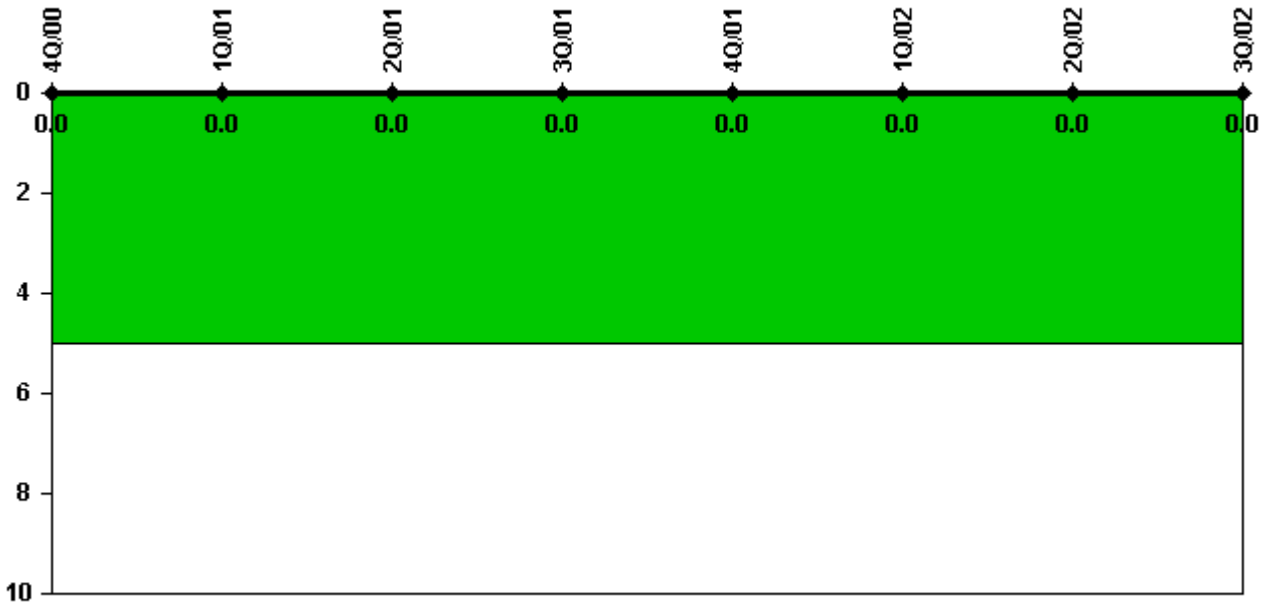
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0.30	32.80	1.40	1.60	4.40	12.50	31.10	7.60
Unplanned unavailable hours	0	6.10	0	0	0	0	0	1.60
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	13.30	12.30	0.50	1.00	10.30	15.40	39.30	14.30
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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.2%	0.3%	0.3%	0.2%	0.3%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



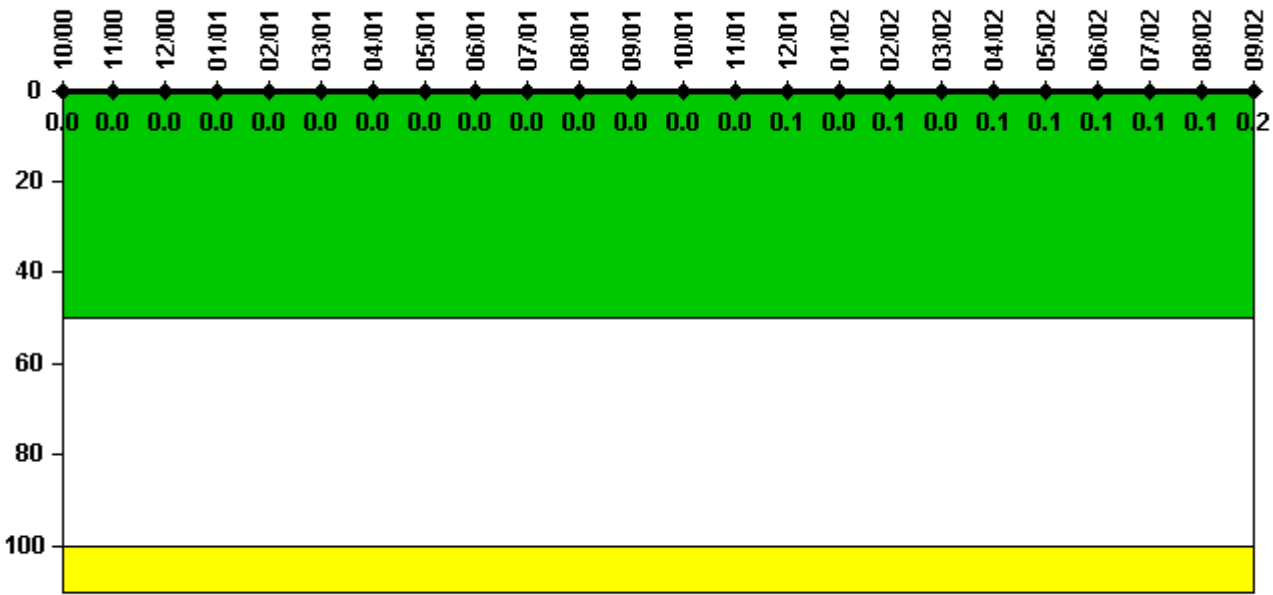
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

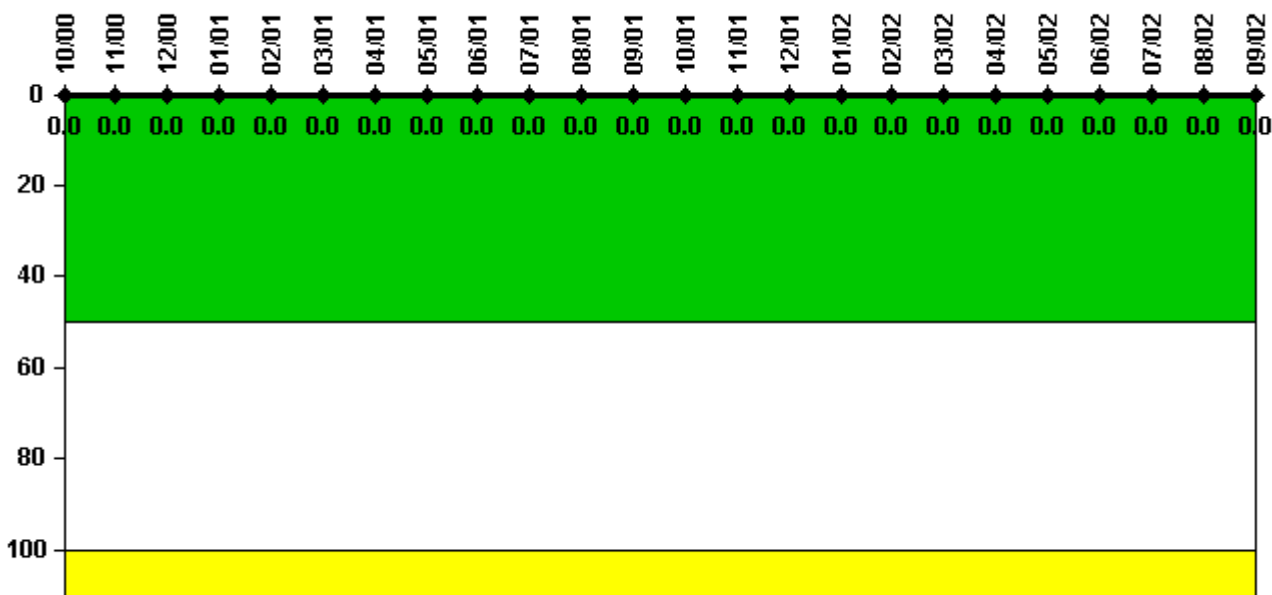
Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.000312	0.000316	0.000328	0.000344	0.000337	0.000341	0.000136	0.000169	0.000162	0.000172	0.000210	0.000189
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.000204	0.000220	0.000238	0.000213	0.000240	0.000223	0.000243	0.000249	0.000277	0.000271	0.000369	0.000747
Technical specification limit	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Indicator value	0	0	0.1	0	0.1	0	0.1	0.1	0.1	0.1	0.1	0.2

Licensee Comments:

3/02: Minor revision to submitted data due to rounding error does not impact the PI trend or change the color

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

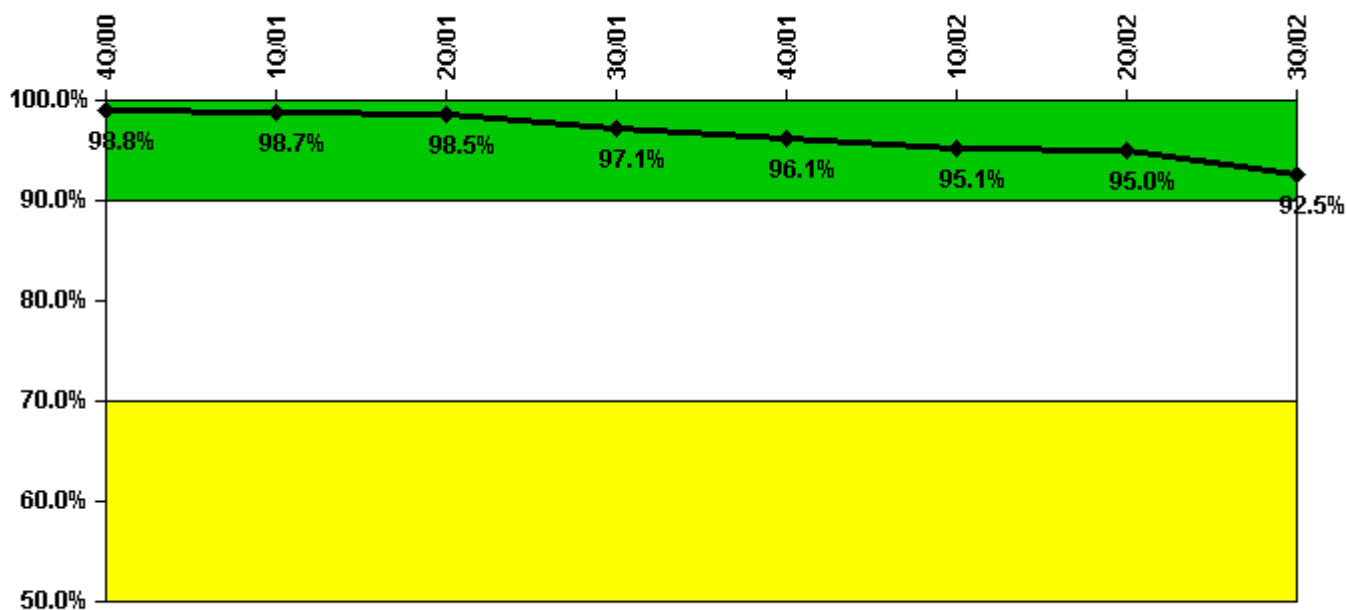
Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	0	0	0	0	0	0	0	0	0	0	0	0
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

9/02: A steam generator tube leak was identified on Unit 1 in September 2002. That leak first appeared at approximately 0500 on 09/26/2002 at approximately 3 gallons per day (gpd) and slowly increased over the next 40 hours with an estimated peak leak rate (spike) of 50 gallons per day or approximately 0.034 gpm. A unit shutdown was initiated at 0140 on 09/28/2002 to proceed into the planned fall Refueling Outage early after the 50 gpd spike occurred. This spike was well below the plant specific TS limit of 150 gpd for Steam Generator tube leakage. However, this number is not included in the PI calculation for Identified leakage because the method used in calculating this number was beyond the normal TS methodology provided by the RCS Leakage Calculation Procedure.

Drill/Exercise Performance



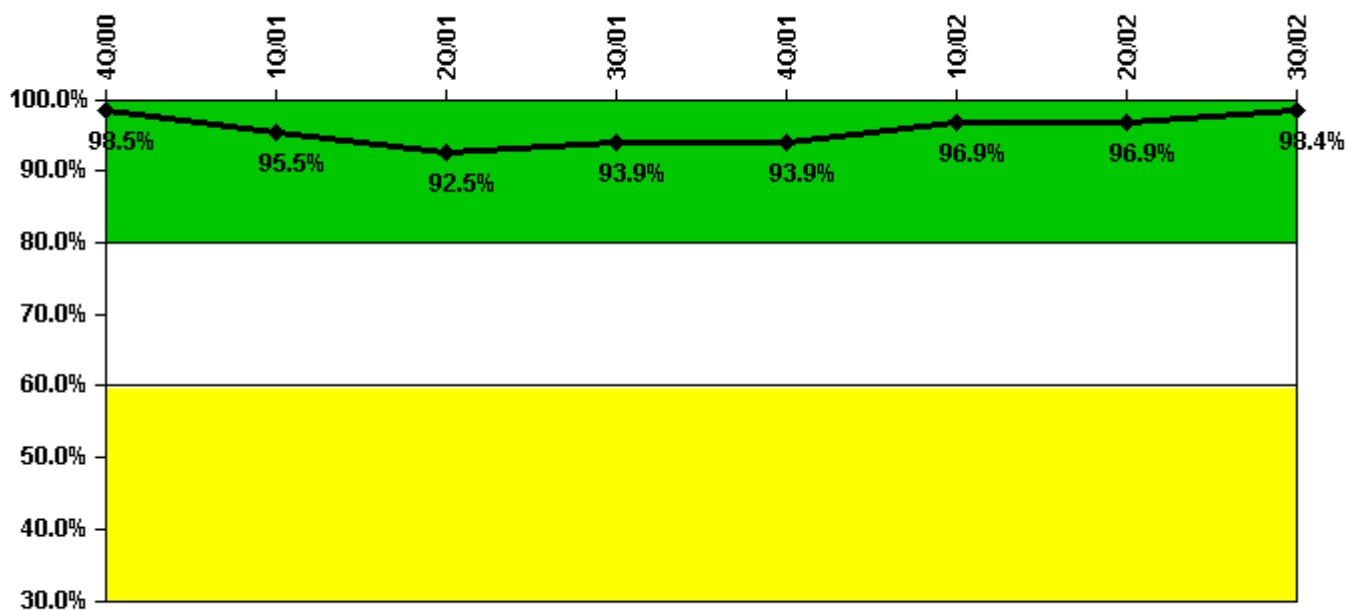
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful opportunities	0	0	0	47.0	29.0	5.0	3.0	40.0
Total opportunities	0	0	0	50.0	32.0	6.0	4.0	42.0
Indicator value	98.8%	98.7%	98.5%	97.1%	96.1%	95.1%	95.0%	92.5%

Licensee Comments: none

ERO Drill Participation



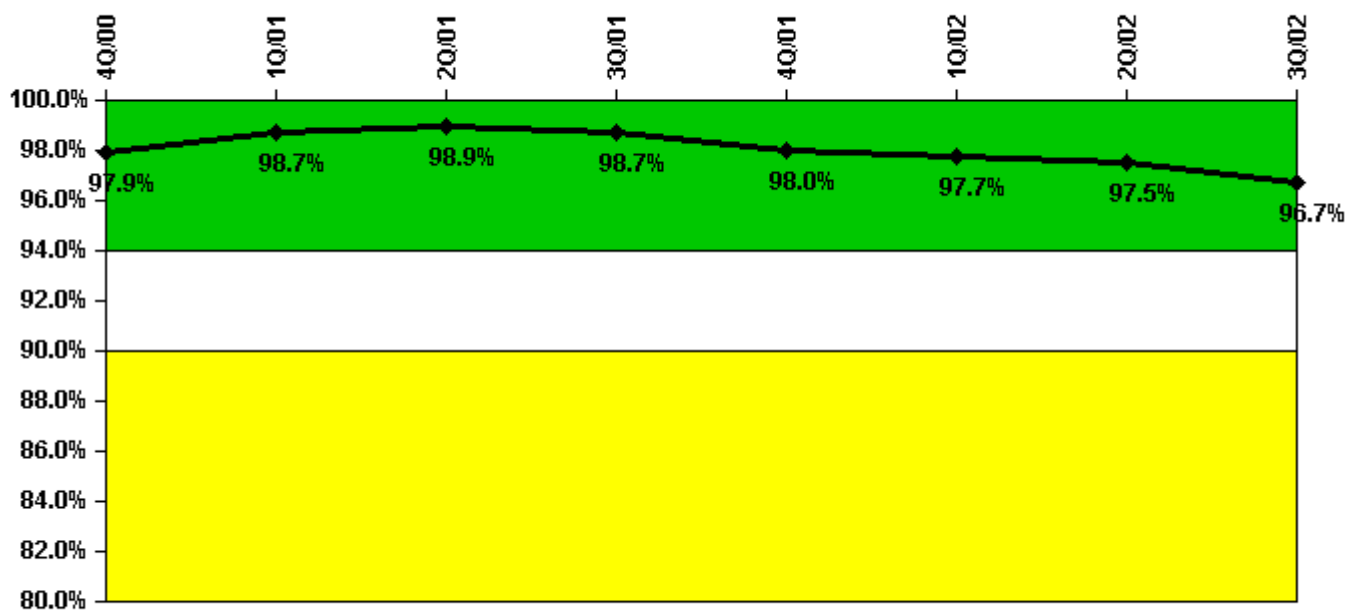
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Participating Key personnel	65.0	63.0	62.0	62.0	62.0	62.0	62.0	63.0
Total Key personnel	66.0	66.0	67.0	66.0	66.0	64.0	64.0	64.0
Indicator value	98.5%	95.5%	92.5%	93.9%	93.9%	96.9%	96.9%	98.4%

Licensee Comments: none

Alert & Notification System



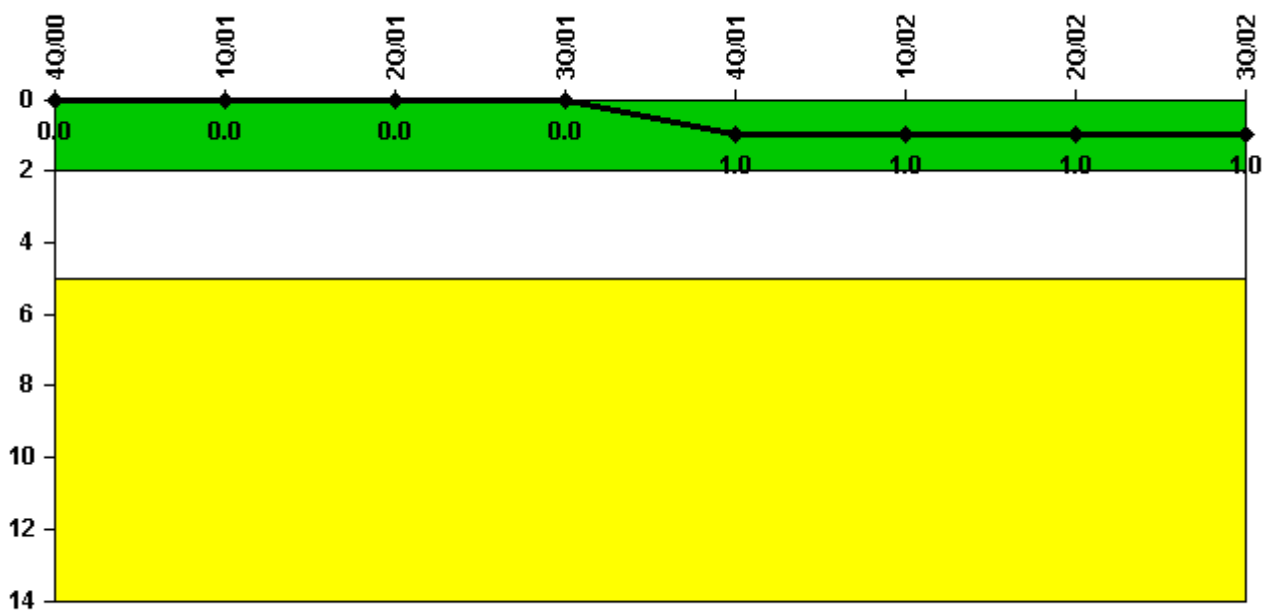
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful siren-tests	197	196	195	194	191	194	193	188
Total sirens-tests	198	198	198	198	198	198	198	198
Indicator value	97.9%	98.7%	98.9%	98.7%	98.0%	97.7%	97.5%	96.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



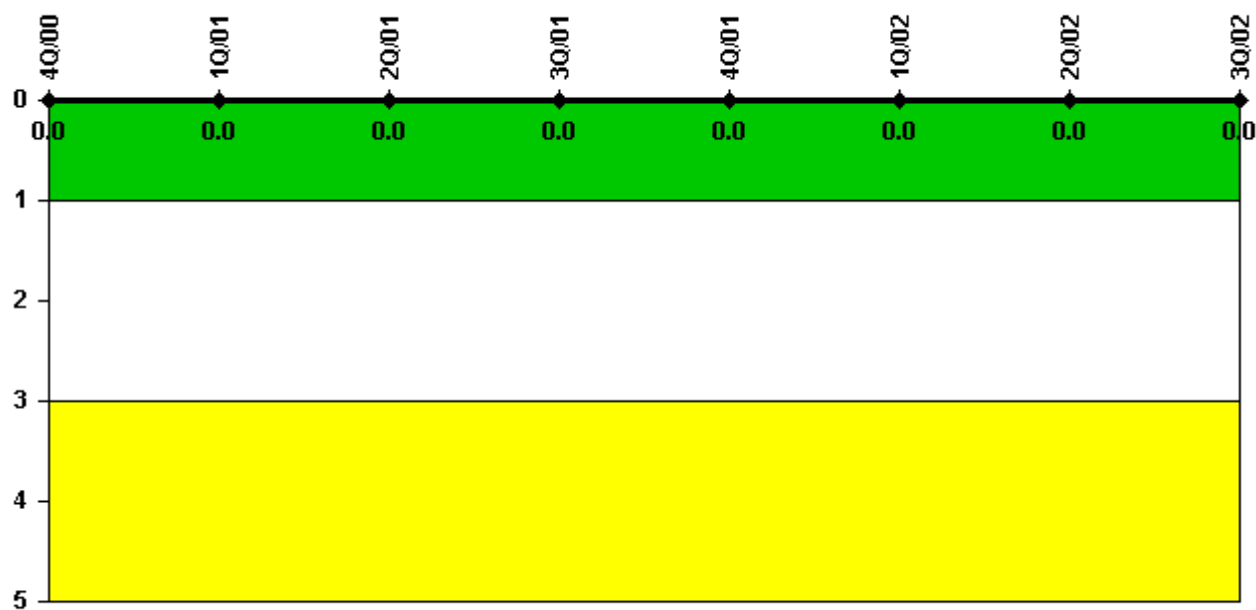
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
High radiation area occurrences	0	0	0	0	1	0	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
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



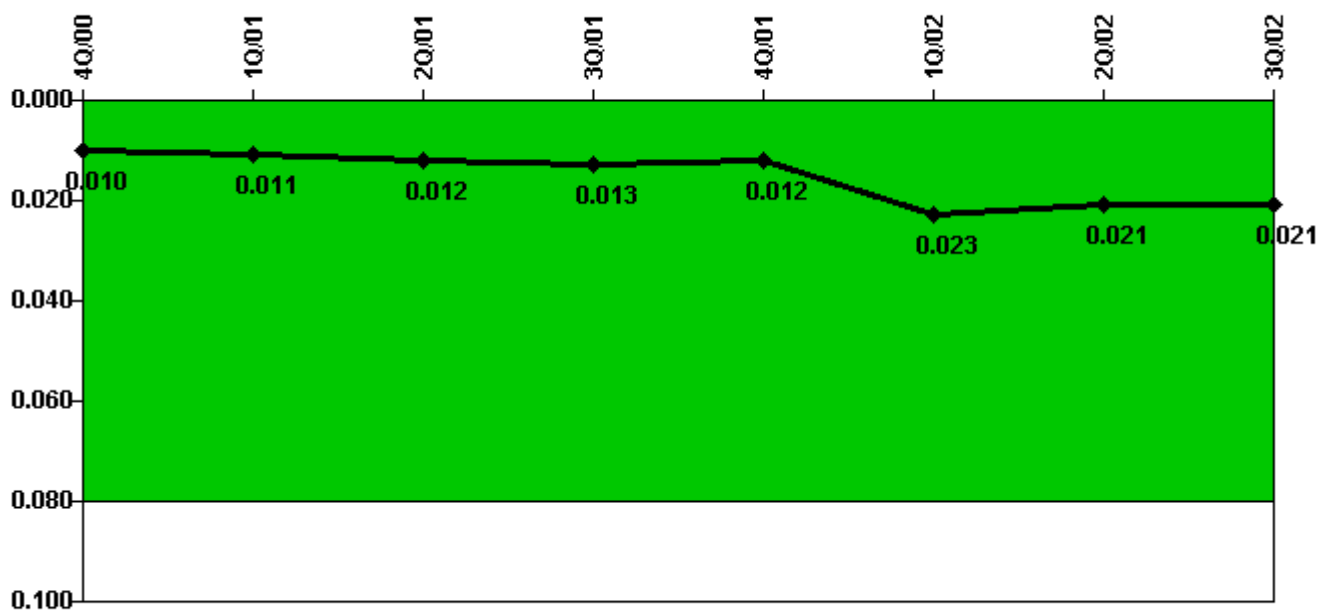
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
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



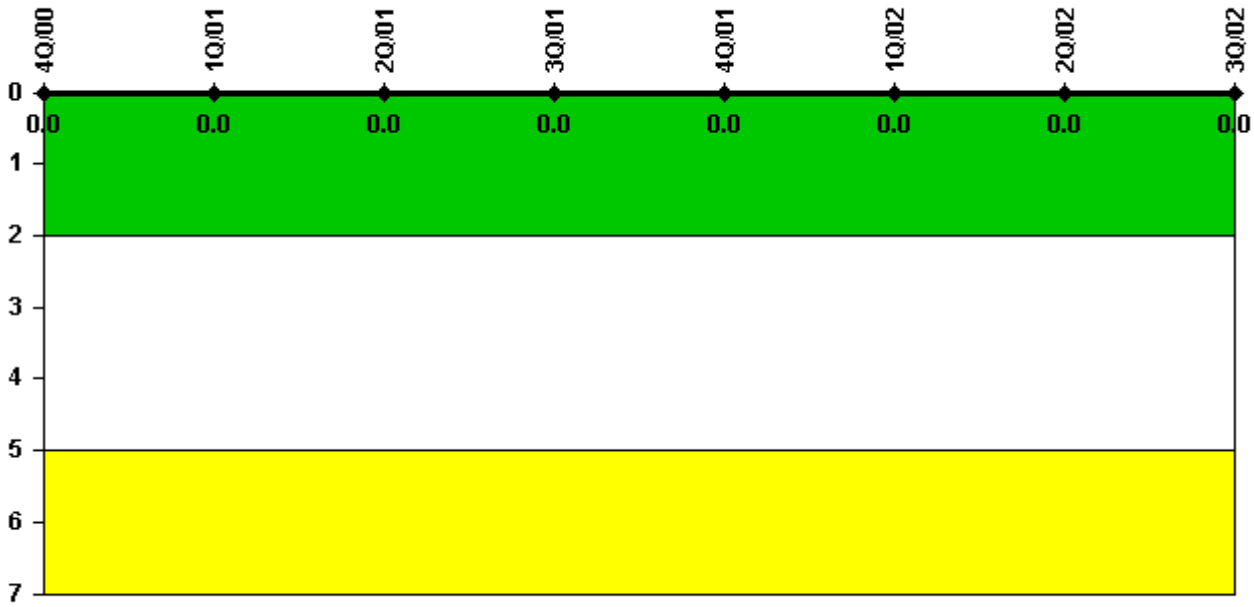
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
IDS compensatory hours	83.90	142.10	98.60	28.00	64.30	550.50	40.90	71.50
CCTV compensatory hours	5.8	4.7	29.9	49.5	2.6	12.2	10.2	8.6
IDS normalization factor	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.010	0.011	0.012	0.013	0.012	0.023	0.021	0.021

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
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	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

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Last Modified: October 22, 2002