

Fort Calhoun

3Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

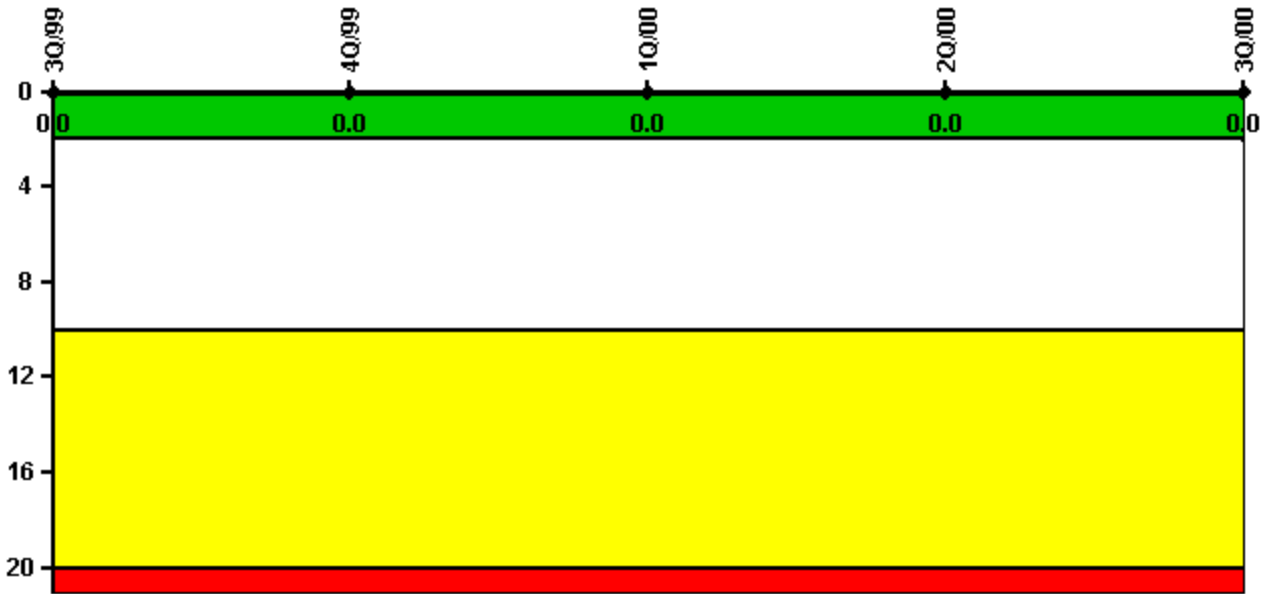
Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	2208.0	1261.4	2184.0	2156.1	2208.0
Indicator value	0	0	0	0	0

Licensee Comments:

2Q/99: Correction to total hours in quarter

Scrams with Loss of Normal Heat Removal



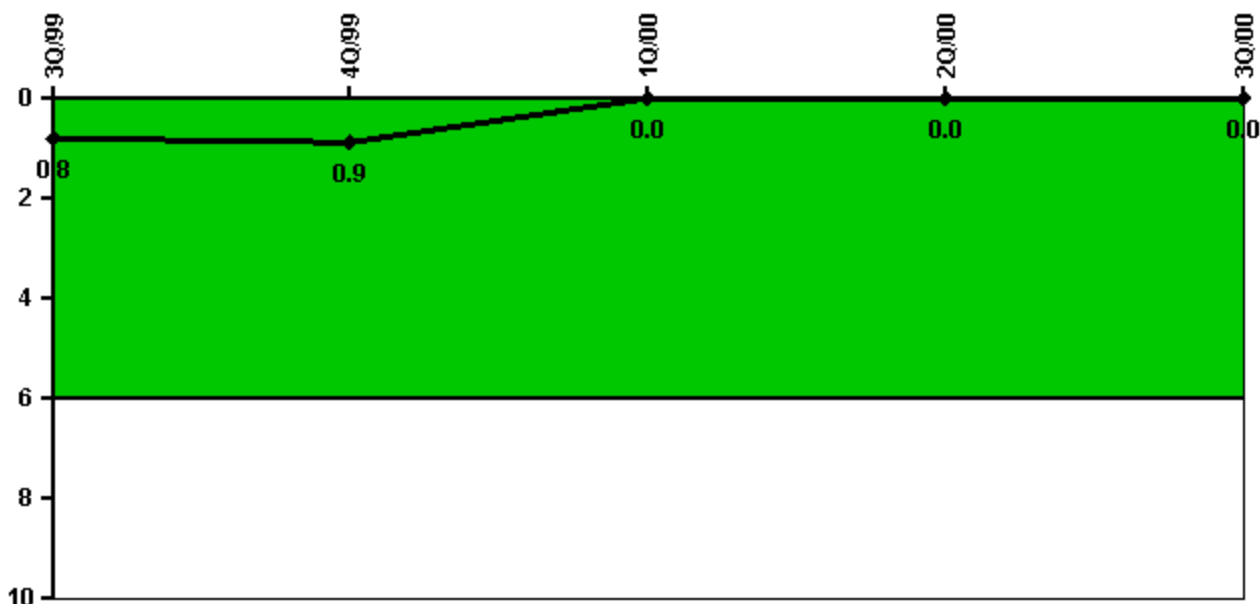
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/99	4Q/99	1Q/00	2Q/00	3Q/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

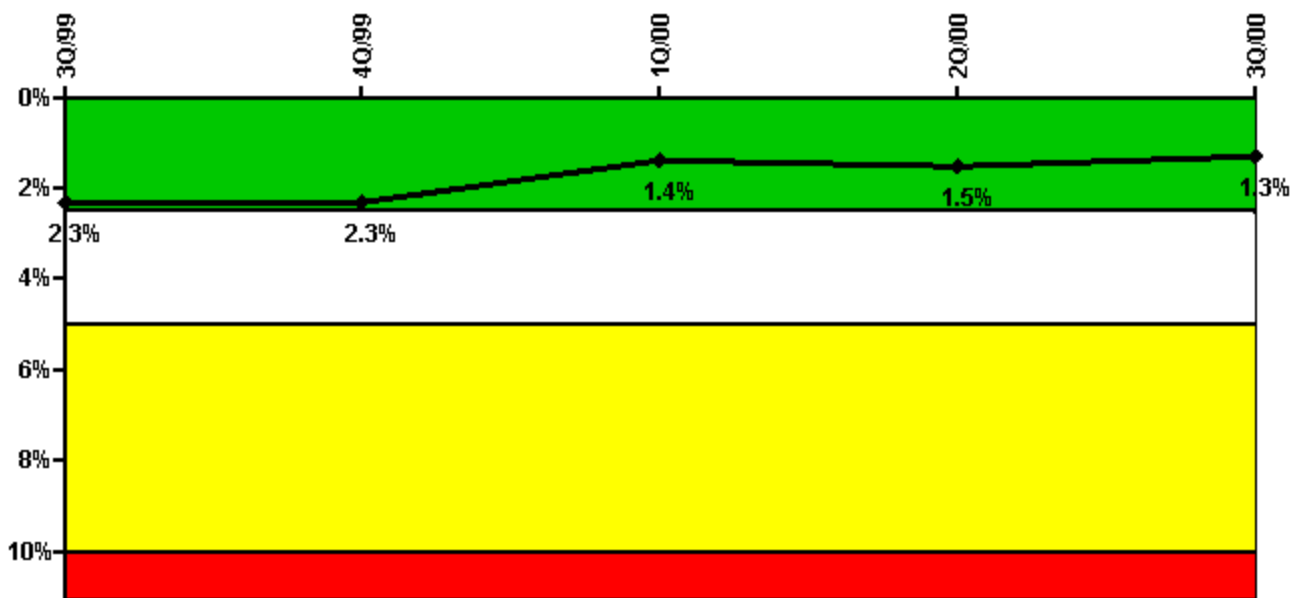
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	2208.0	1261.4	2184.0	2156.1	2208.0
Indicator value	0.8	0.9	0	0	0

Licensee Comments:

2Q/99: Correction to total hours in quarter

Safety System Unavailability, Emergency AC Power



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

Notes

Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	45.18	8.30	12.90	26.90	16.40
Unplanned unavailable hours	0	4.10	0	3.30	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	420.10	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	12.67	12.35	13.80	17.40	22.20
Unplanned unavailable hours	0	0	0	12.00	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	2.3%	2.3%	1.4%	1.5%	1.3%

Licensee Comments:

2Q/00: Number revised to eliminate the unavailable hours due to the planned 12 year overhaul of the diesel.

2Q/99: Correction to total hours in quarter

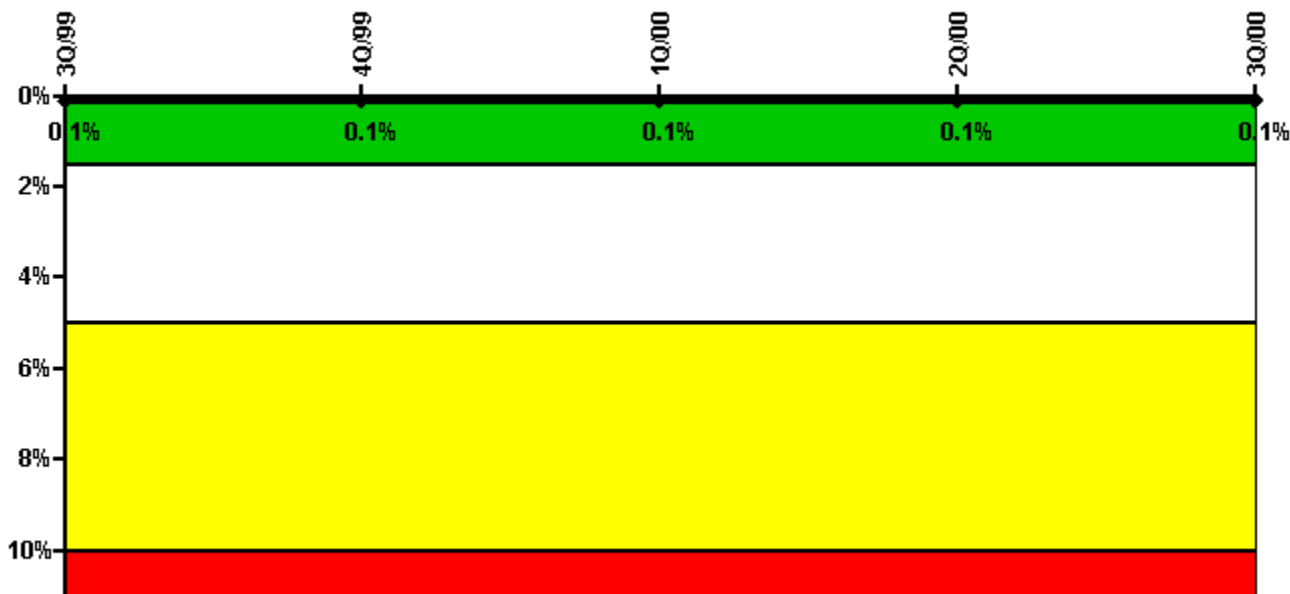
2Q/98: Correction to total hours in quarter

3Q/97: The conditions in NEI 99-02 rev. 0 for removal of the 420.1 hours of fault exposure from train 1 have been met and the fault exposure is being reset to 0.

Effective Reset Comments:

1Q/00: Reset of fault exposure hours as requested by the NRC

Safety System Unavailability, High Pressure Injection System (HPSI)



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

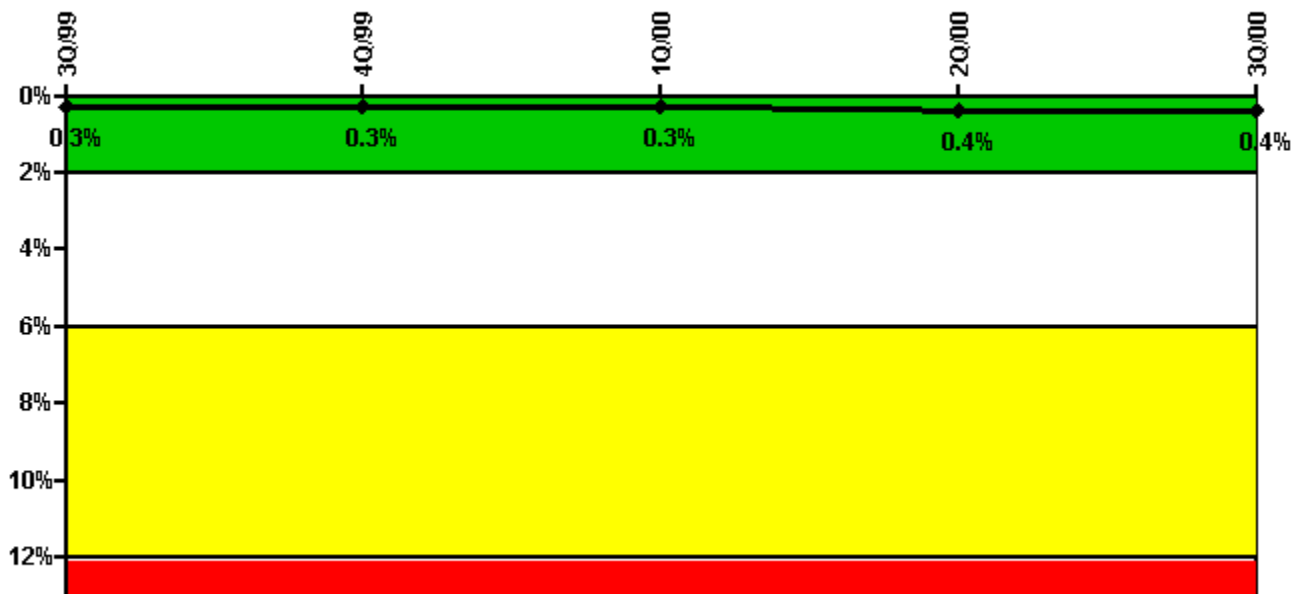
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
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	2208.00	1261.38	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	4.40	0.40	9.20	6.60	0.50
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	2208.00	1261.38	2184.00	2183.00	2208.00
Indicator value	0.1%	0.1%	0.1%	0.1%	0.1%

Licensee Comments:

2Q/99: Correction to total hours in quarter

Safety System Unavailability, Heat Removal System (AFW)



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

Notes

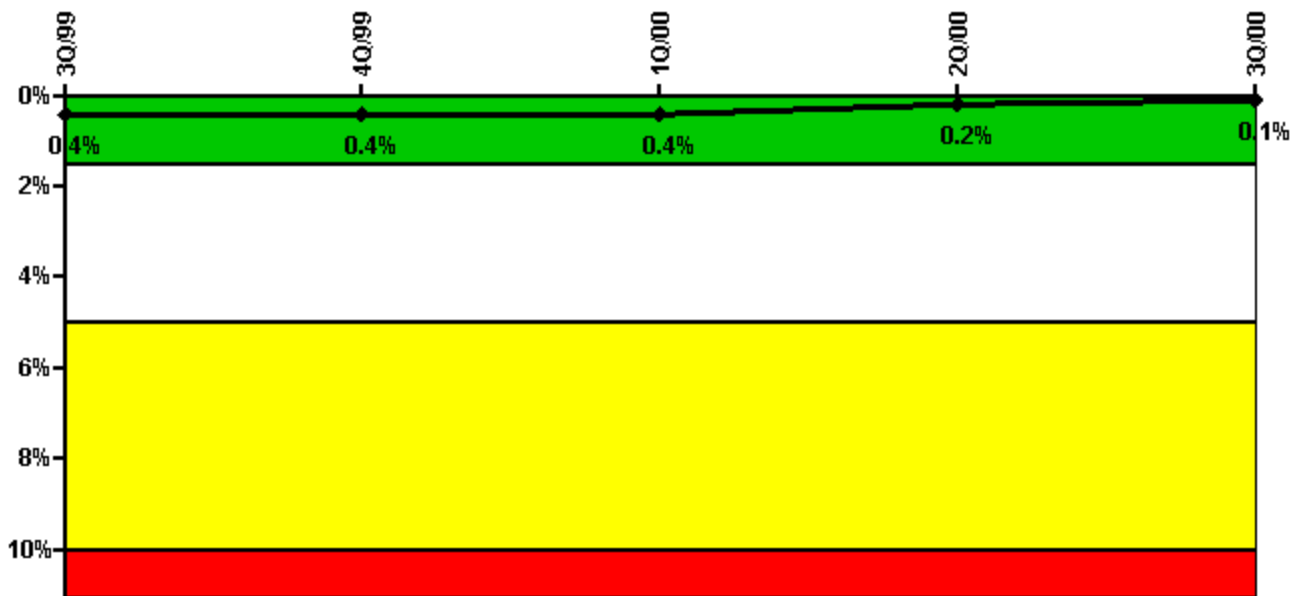
Safety System Unavailability, Heat Removal System (AFW)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	7.70	8.30	1.05	17.88
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	1261.38	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	15.00	2.20	10.45	7.00	0.90
Unplanned unavailable hours	0	0	0	28.10	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	1261.38	2184.00	2155.10	2208.00
Indicator value	0.3%	0.3%	0.3%	0.4%	0.4%

Licensee Comments:

2Q/00: Fault exposure for train 2 (FW-10) is being removed due to the withdrawal of LER 2000-002.

2Q/99: Correction to total hours in quarter

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	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	12.10	0	4.90	2.90	0.30
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	2208.00	1261.38	2184.00	2156.10	2208.00
Train 2					
Planned unavailable hours	10.60	0.40	1.30	8.50	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	2208.00	1261.38	2184.00	2156.10	2208.00
Train 3					
Planned unavailable hours	0	0	0	6.20	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	0	947.62	0	26.90	0
Train 4					
Planned unavailable hours	0	0.40	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	0	947.62	0	26.90	0
Indicator value	0.4%	0.4%	0.4%	0.2%	0.1%

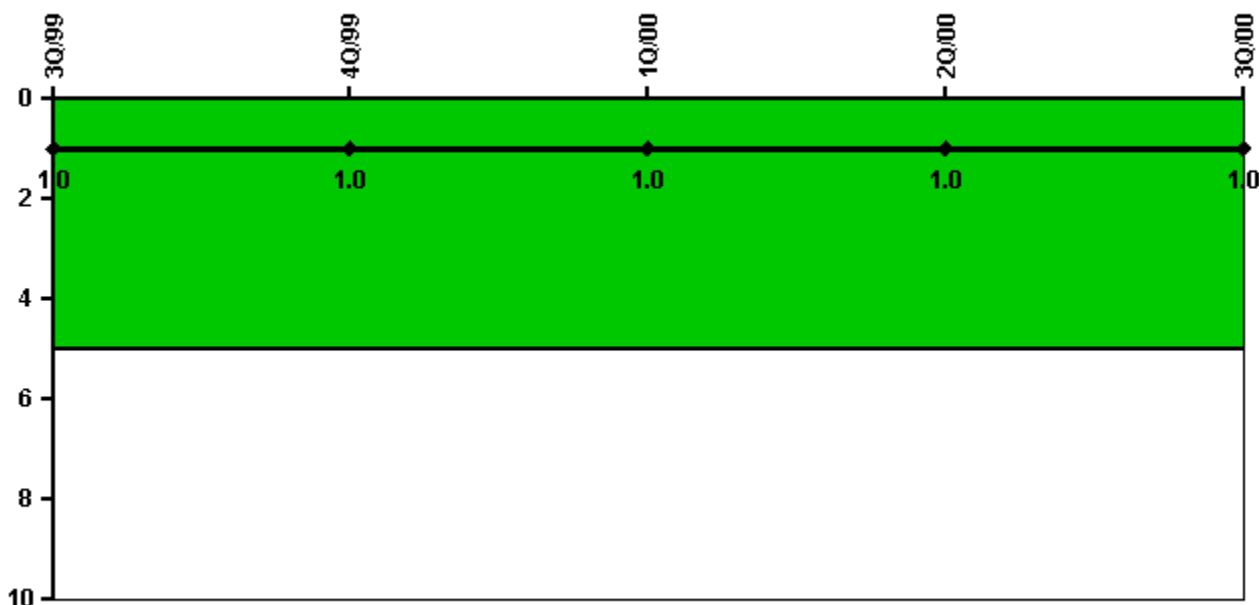
Licensee Comments:

2Q/00: Train 1 includes SI-3A. Train 2 includes SI-3B. Train 3 includes SI-1A. Train 4 includes SI-1B and SI-3C. Data for 2Q96 through 2Q00 submitted as part of the expansion to 4 trains for CE plants FAQ 172, Option 1.

2Q/99: Correction to total hours in quarter

2Q/98: Correction to total hours in quarter

Safety System Functional Failures (PWR)



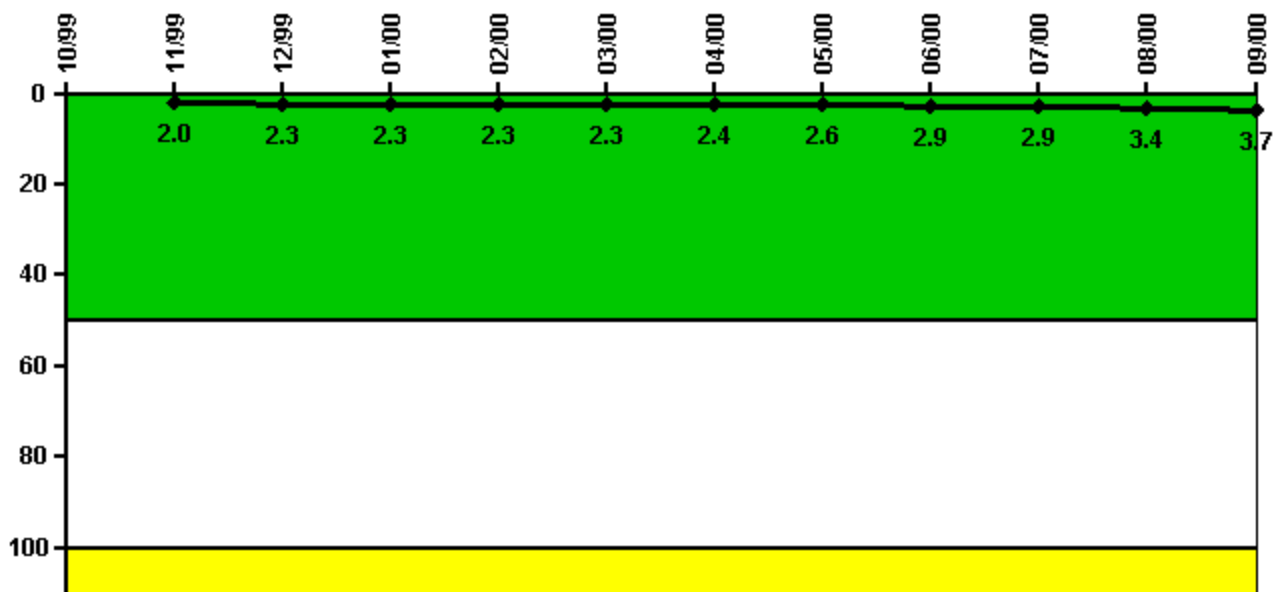
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



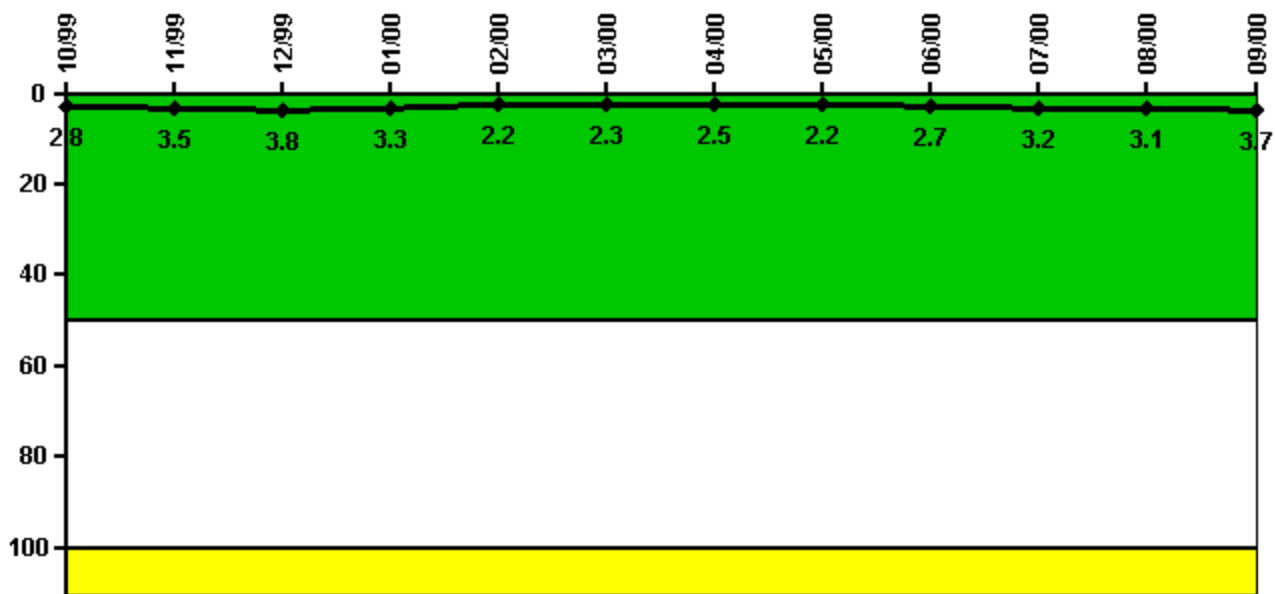
Thresholds: White > 50.0 Yellow > 100.0

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	N/A	0.019800	0.022900	0.022800	0.022800	0.022900	0.024100	0.025700	0.028500	0.029200	0.033600	0.037100
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	N/A	2.0	2.3	2.3	2.3	2.3	2.4	2.6	2.9	2.9	3.4	3.7

Licensee Comments: none

Reactor Coolant System Leakage



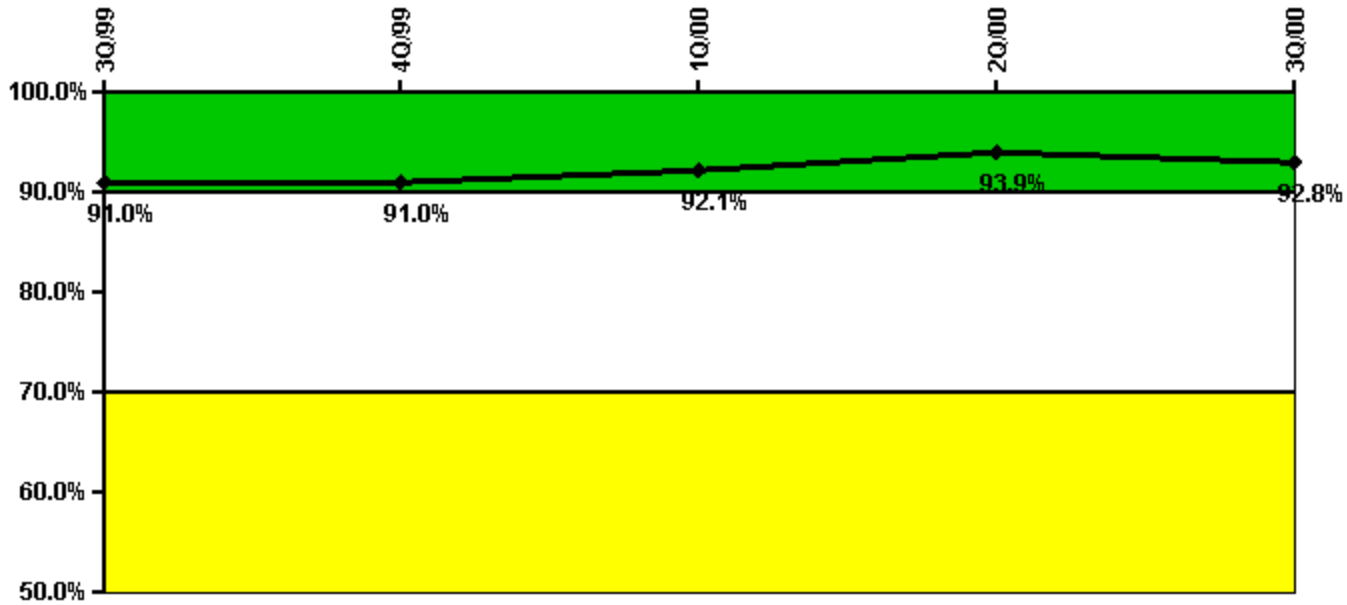
Thresholds: White > 50.0 Yellow > 100.0

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	0.281	0.350	0.378	0.330	0.220	0.230	0.250	0.220	0.273	0.322	0.310	0.370
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	2.8	3.5	3.8	3.3	2.2	2.3	2.5	2.2	2.7	3.2	3.1	3.7

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

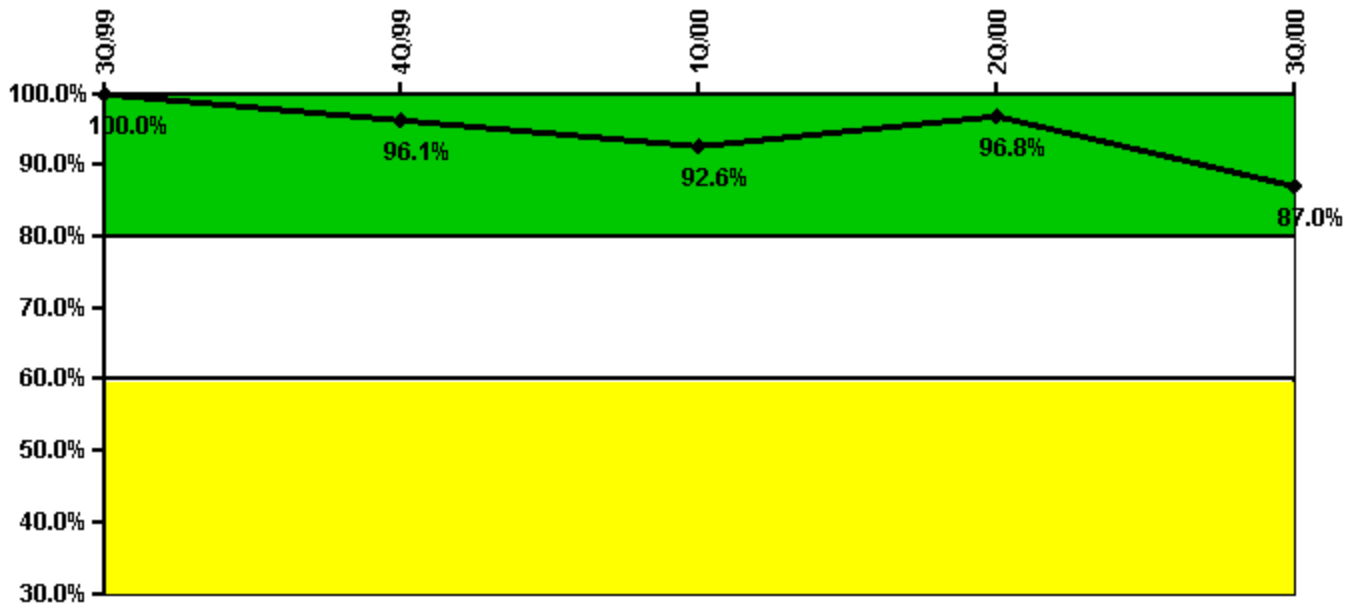
Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	25.0	0	13.0	44.0	12.0
Total opportunities	26.0	0	13.0	45.0	16.0
Indicator value	91.0%	91.0%	92.1%	93.9%	92.8%

Licensee Comments:

2Q/00: Numbers revised due to clerical error.

ERO Drill Participation



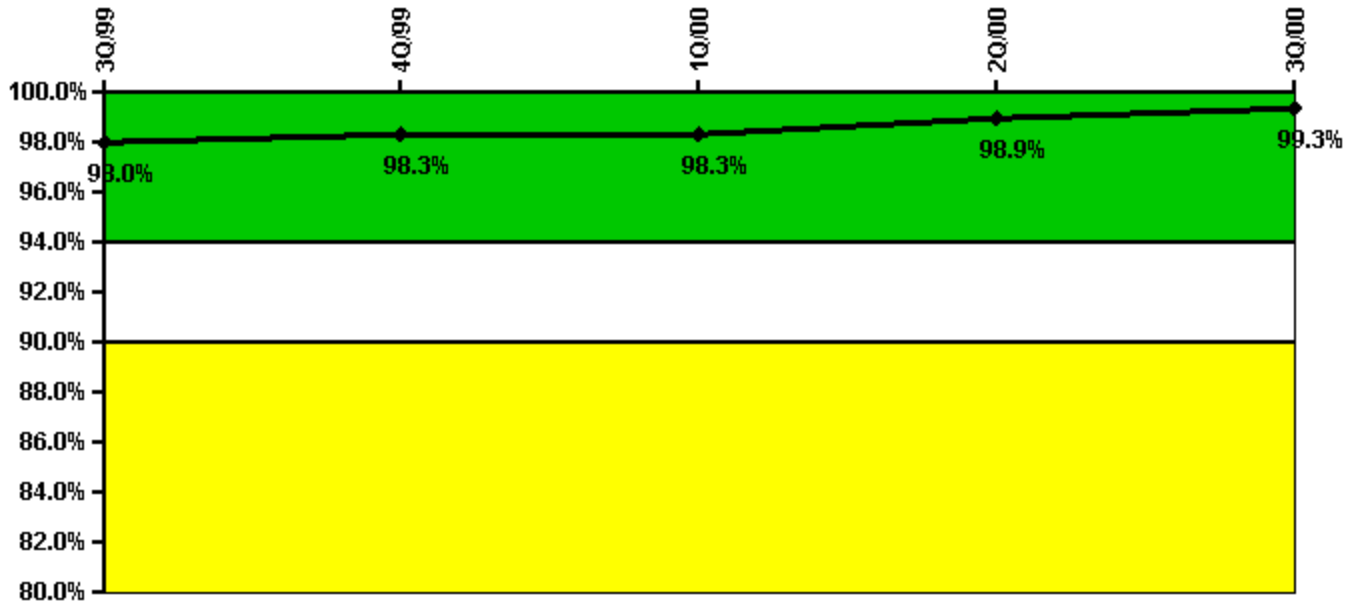
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel	100.0	98.0	87.0	92.0	80.0
Total Key personnel	100.0	102.0	94.0	95.0	92.0
Indicator value	100.0%	96.1%	92.6%	96.8%	87.0%

Licensee Comments: none

Alert & Notification System



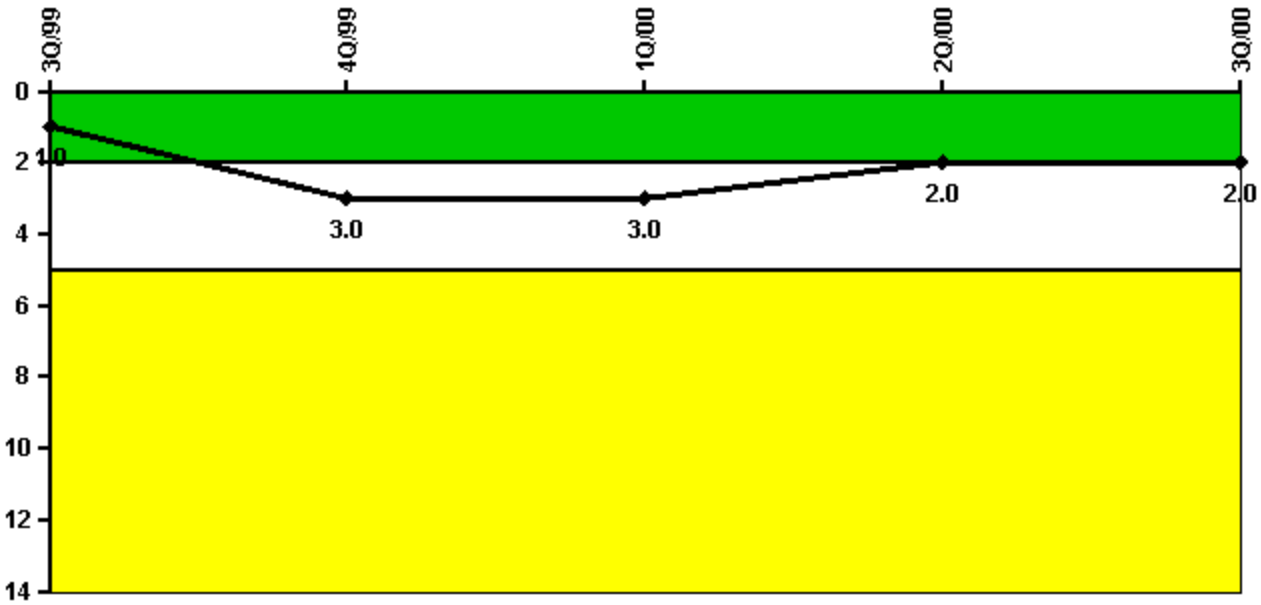
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	787	803	602	805	799
Total sirens-tests	808	808	606	808	808
Indicator value	98.0%	98.3%	98.3%	98.9%	99.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



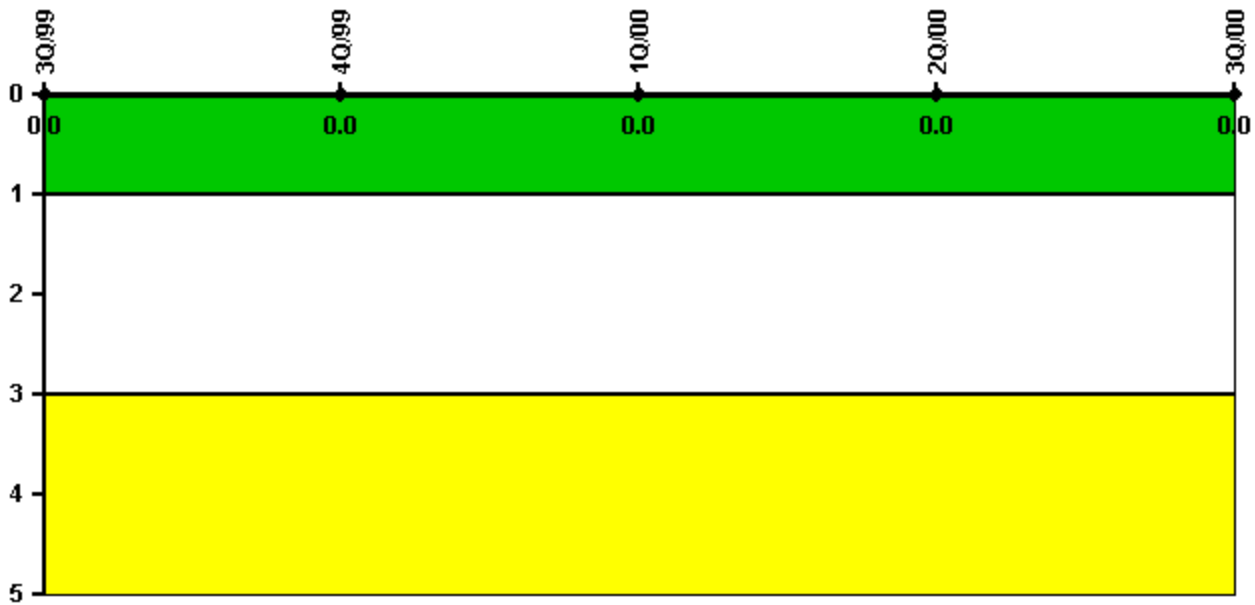
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



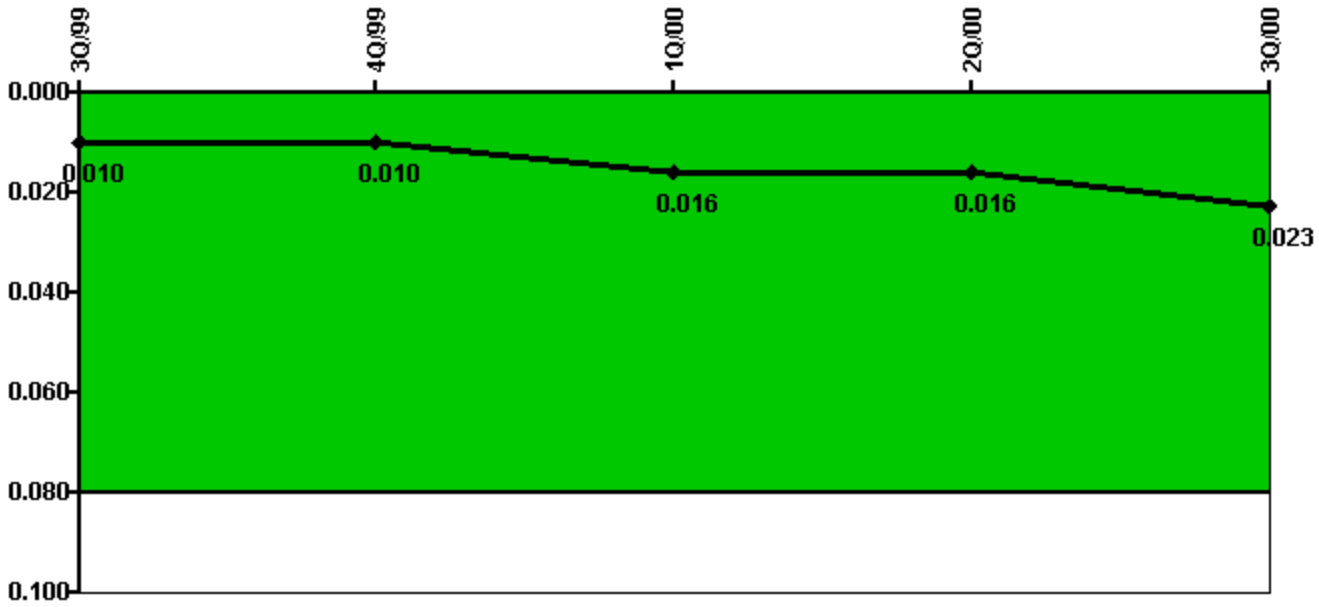
Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index



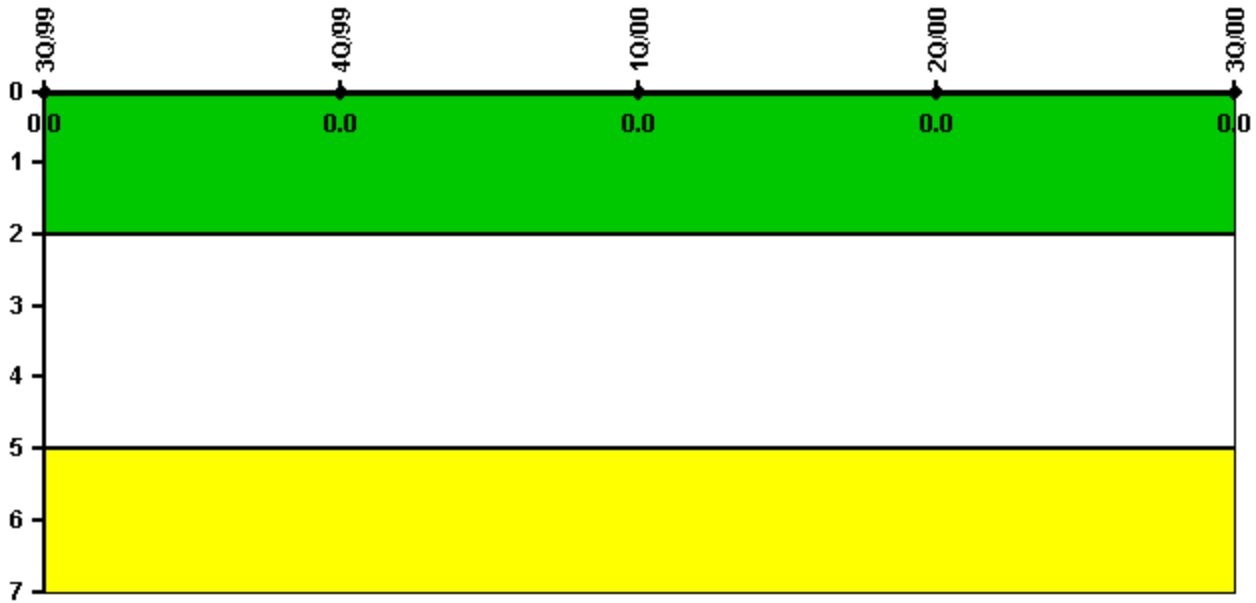
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	113.60	46.50	222.10	16.60	117.40
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	1.45	1.45	1.45	1.45	1.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.5
Index Value	0.010	0.010	0.016	0.016	0.023

Licensee Comments: none

Personnel Screening Program



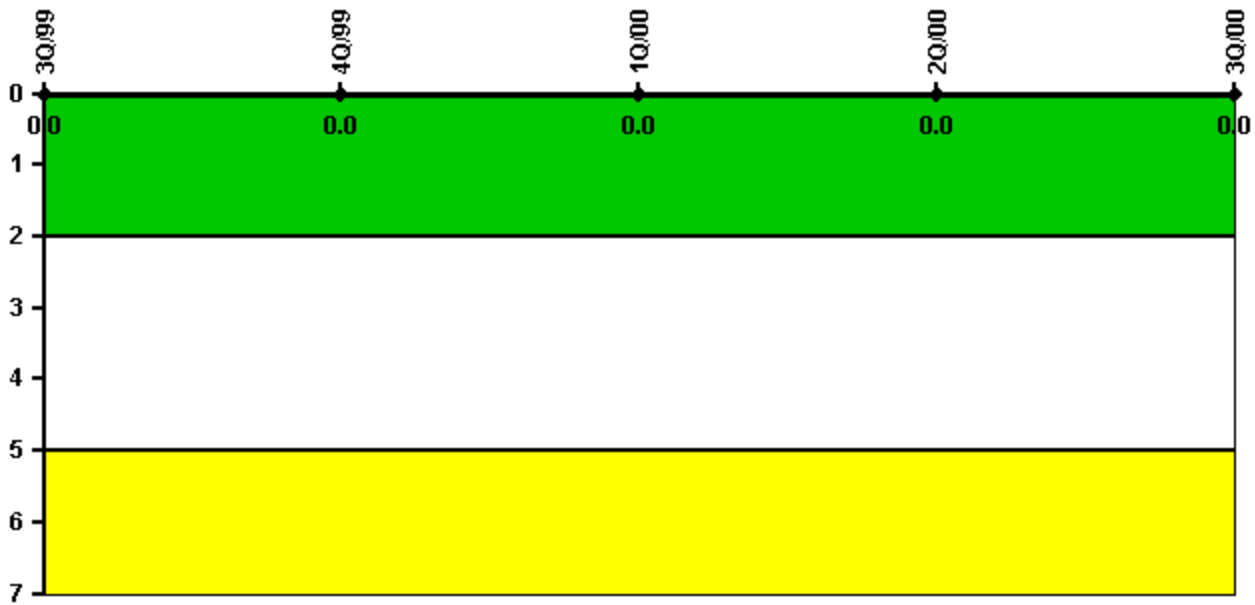
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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Last Modified: March 29, 2002