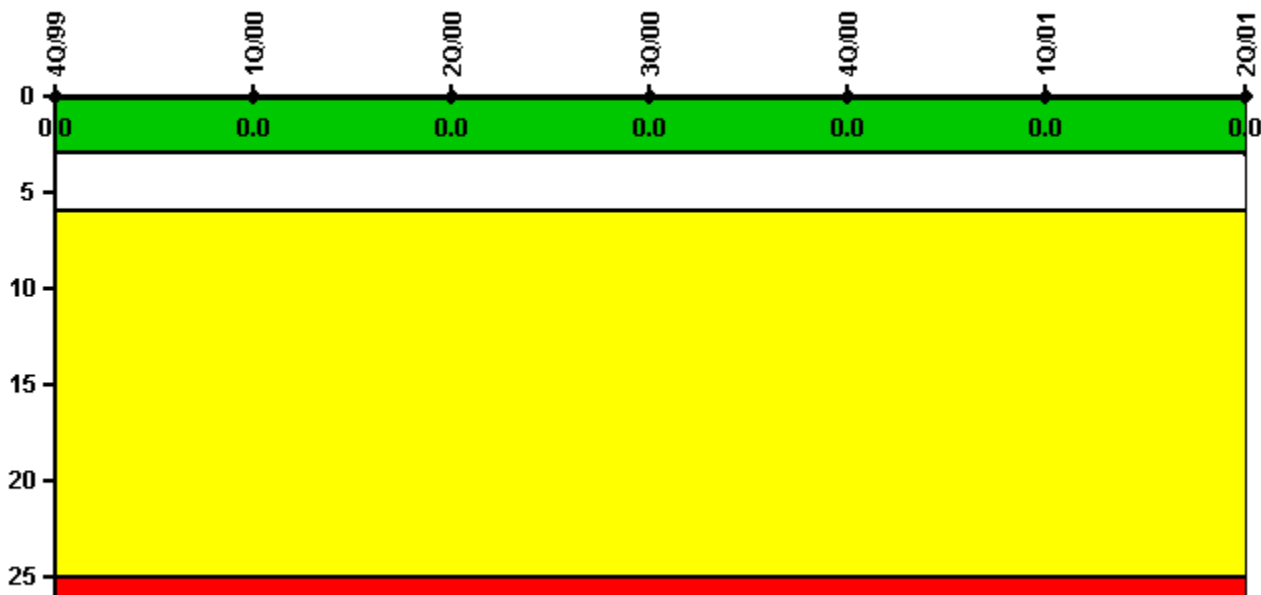


Fort Calhoun

2Q/2001 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	1Q/01	2Q/01
Unplanned scrams	0	0	0	0	0	0	0
Critical hours	1261.4	2184.0	2156.1	2208.0	1664.3	1776.8	1541.0
Indicator value	0	0	0	0	0	0	0

Licensee Comments:

2Q/99: Correction to total hours in quarter

Scrams with Loss of Normal Heat Removal



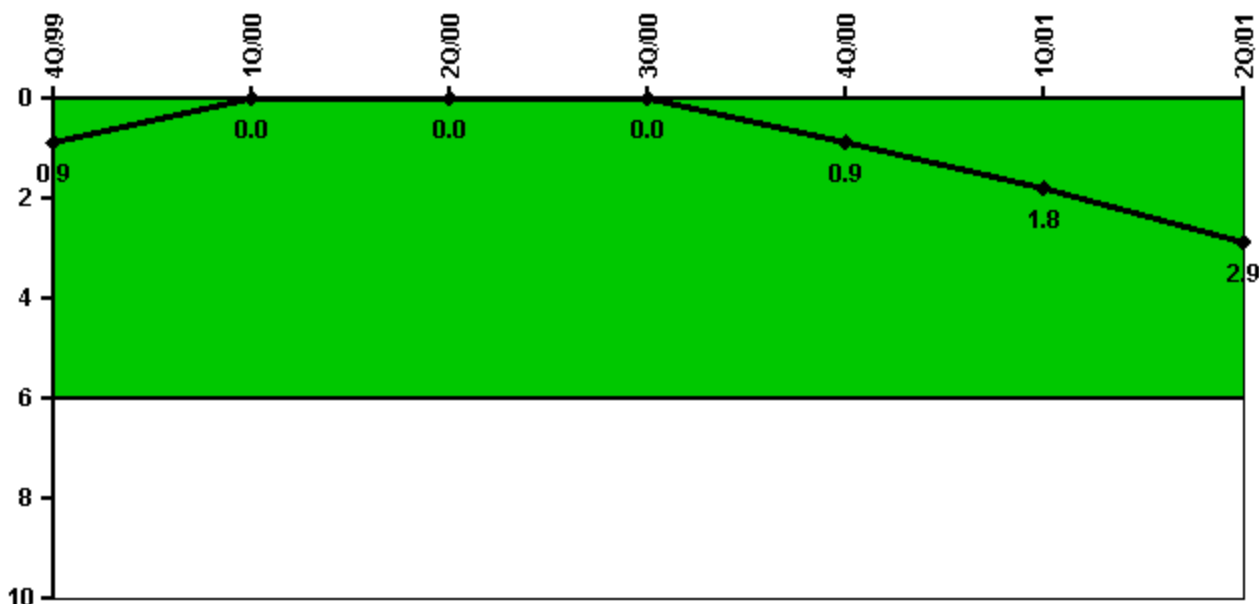
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Scrams	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

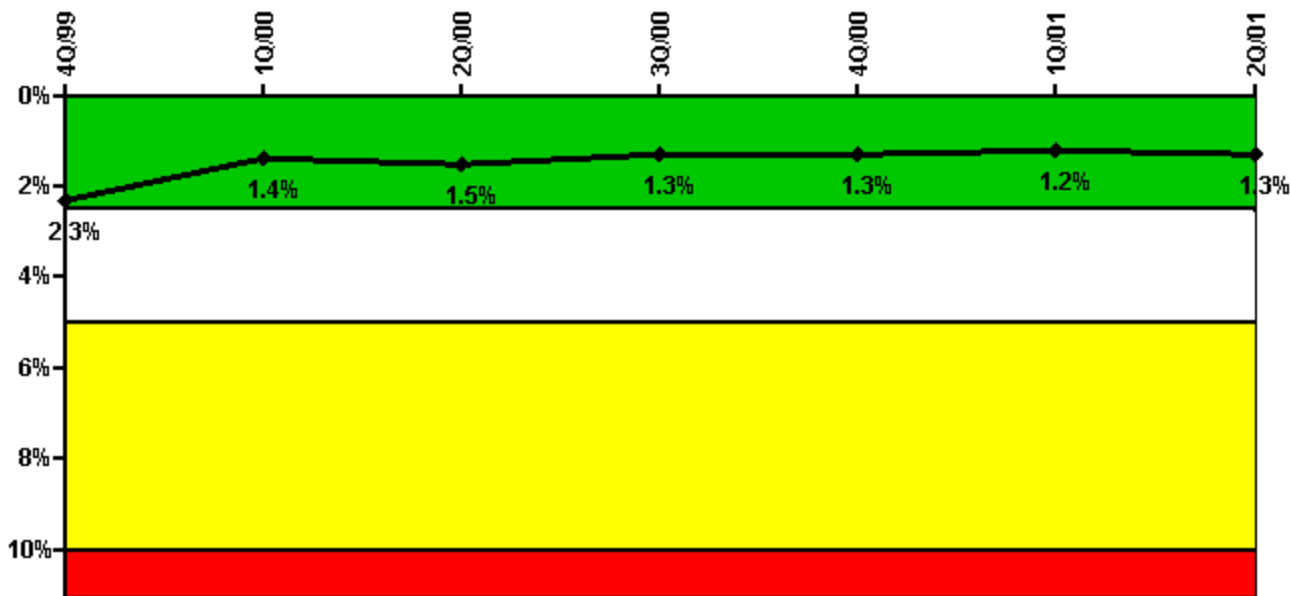
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	0	0	0	0	1.0	1.0	1.0
Critical hours	1261.4	2184.0	2156.1	2208.0	1664.3	1776.8	1541.0
Indicator value	0.9	0	0	0	0.9	1.8	2.9

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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	8.30	12.90	26.90	16.40	31.50	15.40	14.88
Unplanned unavailable hours	4.10	0	3.30	0	5.80	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	420.10	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2184.00
Train 2							
Planned unavailable hours	12.35	13.80	17.40	22.20	17.20	23.05	10.58
Unplanned unavailable hours	0	0	12.00	0	8.00	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	2184.00
Indicator value	2.3%	1.4%	1.5%	1.3%	1.3%	1.2%	1.3%

Licensee Comments:

4Q/00: Correction to total hours in quarter

2Q/99: Correction to total hours in quarter

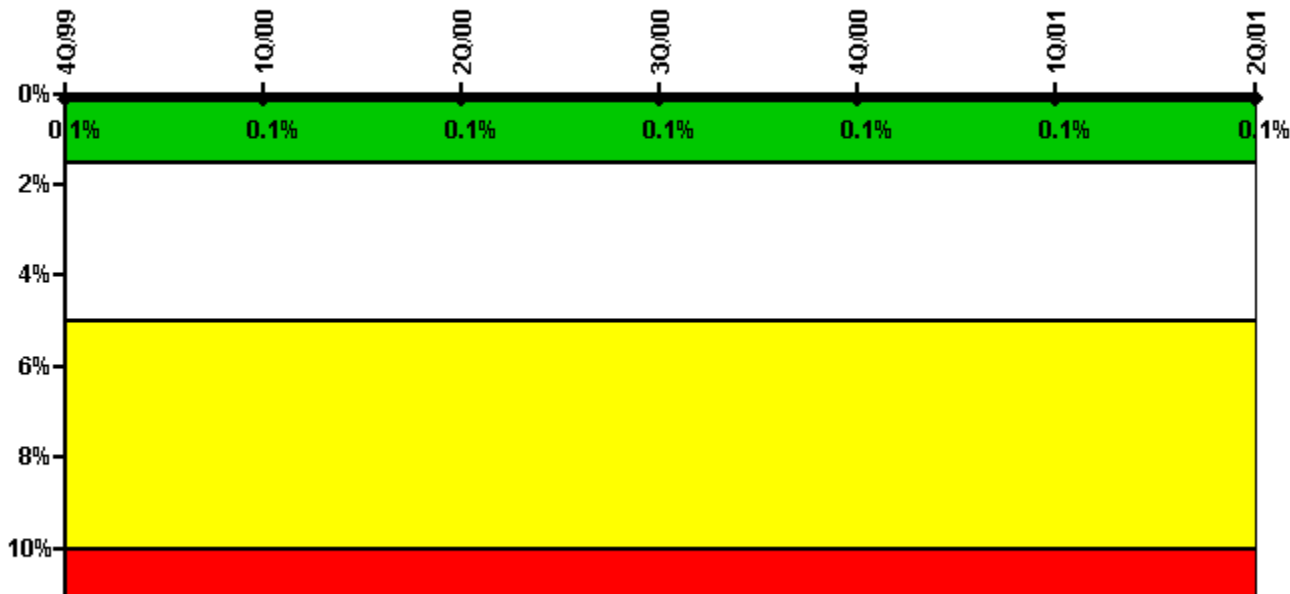
2Q/98: Correction to total hours in quarter

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%

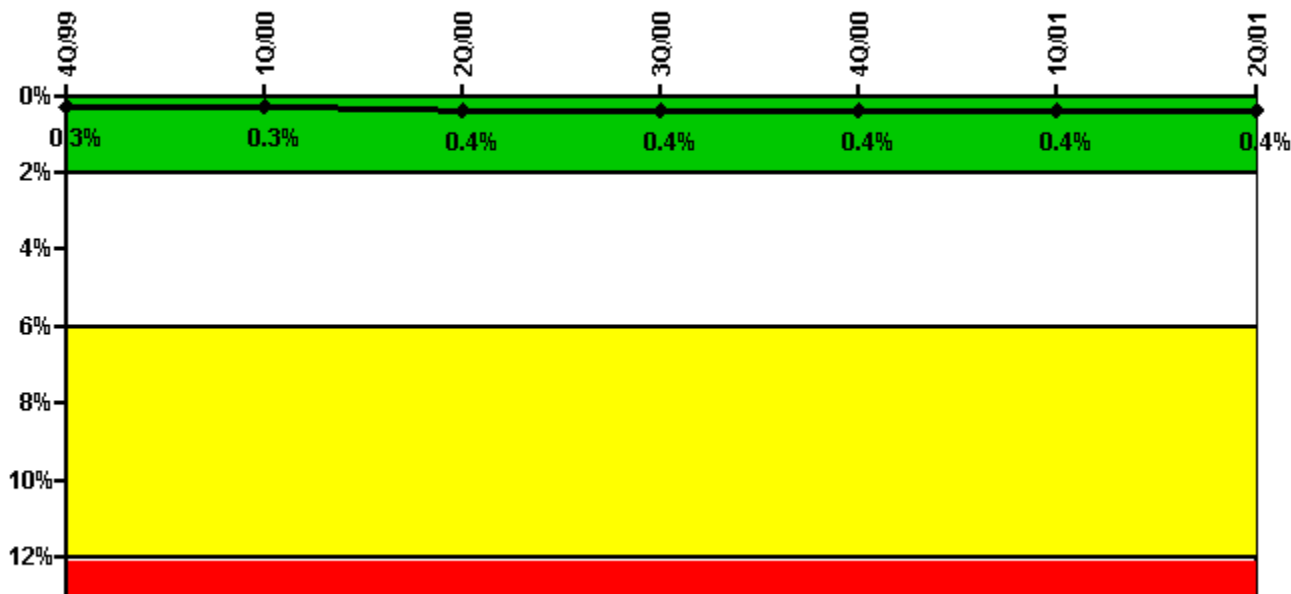
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	0	0	0	0	0	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	1261.38	2184.00	2183.00	2208.00	1664.30	1776.83	1541.00
Train 2							
Planned unavailable hours	0.40	9.20	6.60	0.50	0.40	5.40	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	1261.38	2184.00	2183.00	2208.00	1664.30	1776.83	1541.00
Indicator value	0.1%	0.1%	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%

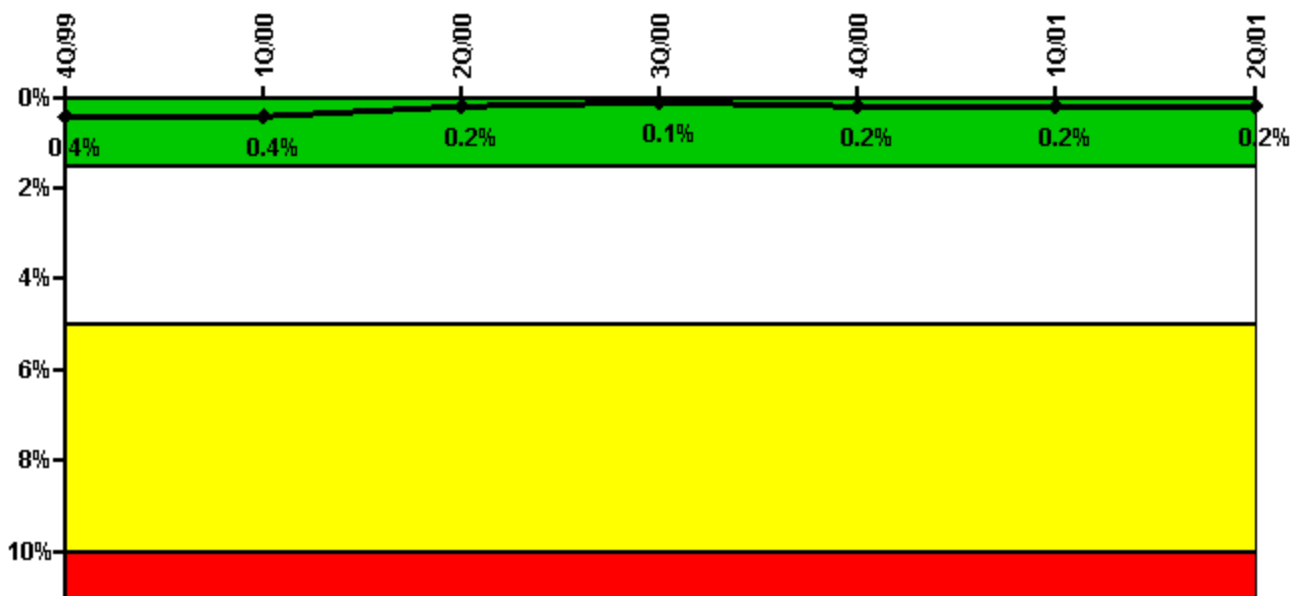
Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	7.70	8.30	1.05	17.88	12.69	3.68	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	1261.38	2184.00	2183.00	2208.00	1664.28	1776.83	1541.00
Train 2							
Planned unavailable hours	2.20	10.45	7.00	0.90	0	6.10	12.50
Unplanned unavailable hours	0	0	28.10	0	0	0	11.00
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1261.38	2184.00	2155.10	2208.00	1664.28	1776.83	1541.00
Indicator value	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments:

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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	4.90	2.90	0.30	21.60	4.40	0.40
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	1261.38	2184.00	2156.10	2208.00	1664.30	1776.83	1541.00
Train 2							
Planned unavailable hours	0.40	1.30	8.50	0	0	3.20	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	1261.38	2184.00	2156.10	2208.00	1664.30	1776.83	1541.00
Train 3							
Planned unavailable hours	0	0	6.20	0	0.40	0	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	947.62	0	26.90	0	544.70	383.17	642.00
Train 4							
Planned unavailable hours	0.40	0	0	0	2.00	0	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	947.62	0	26.90	0	544.70	383.17	642.00
Indicator value	0.4%	0.4%	0.2%	0.1%	0.2%	0.2%	0.2%

Licensee Comments:

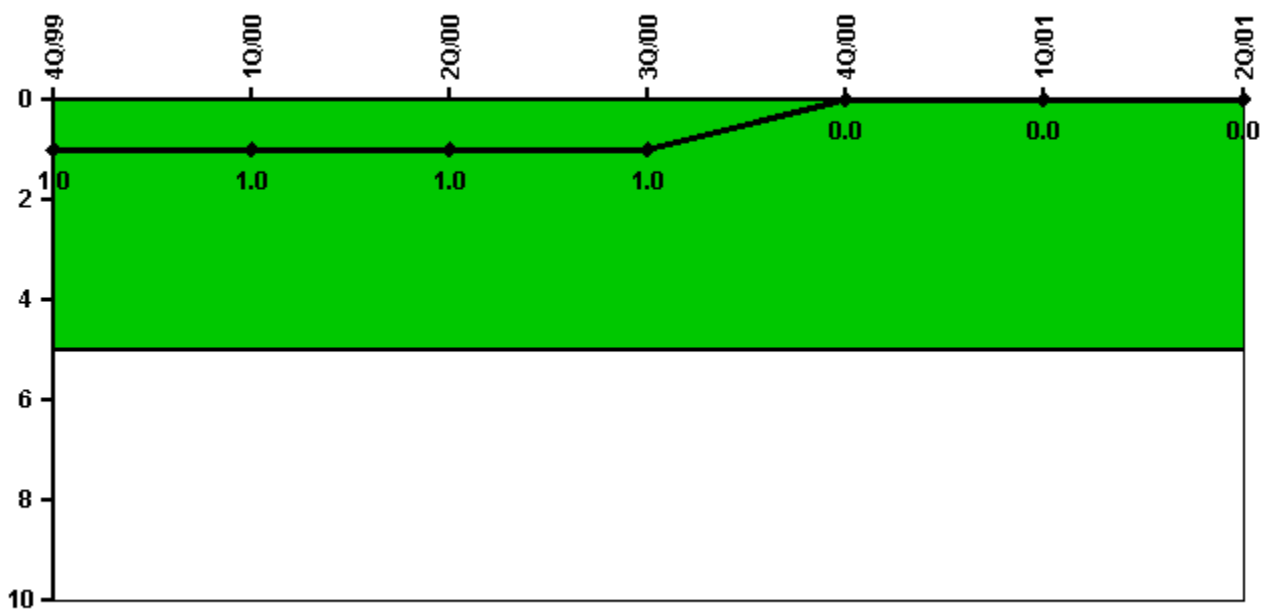
4Q/00: Correction to total hours in quarter

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)



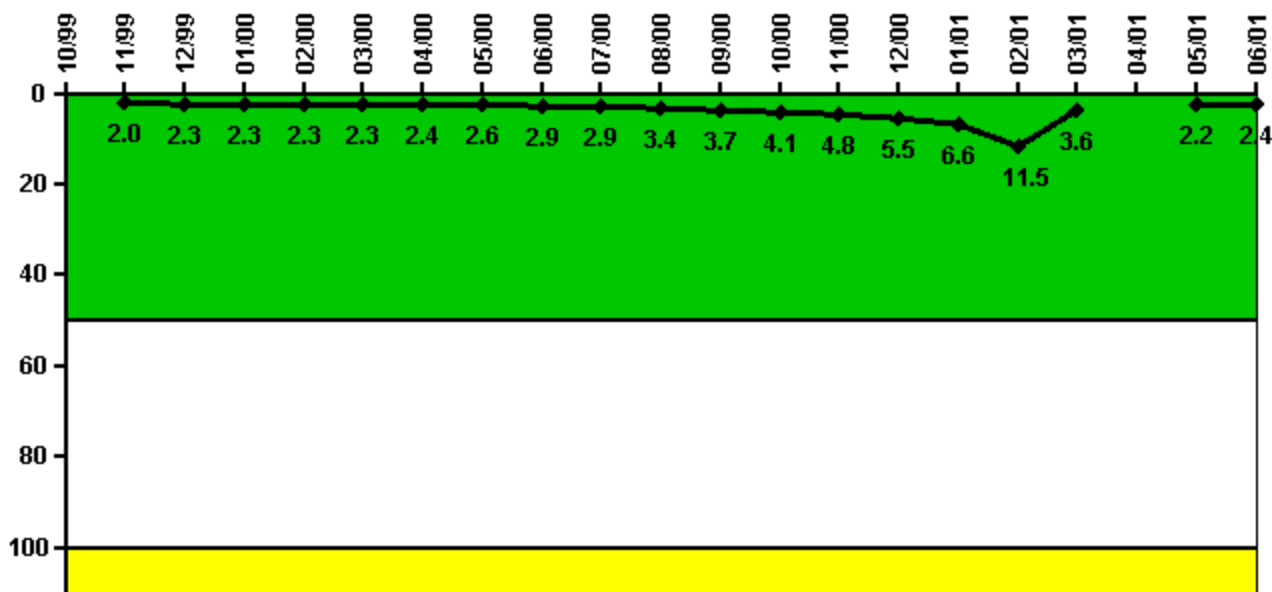
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Safety System Functional Failures	1	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

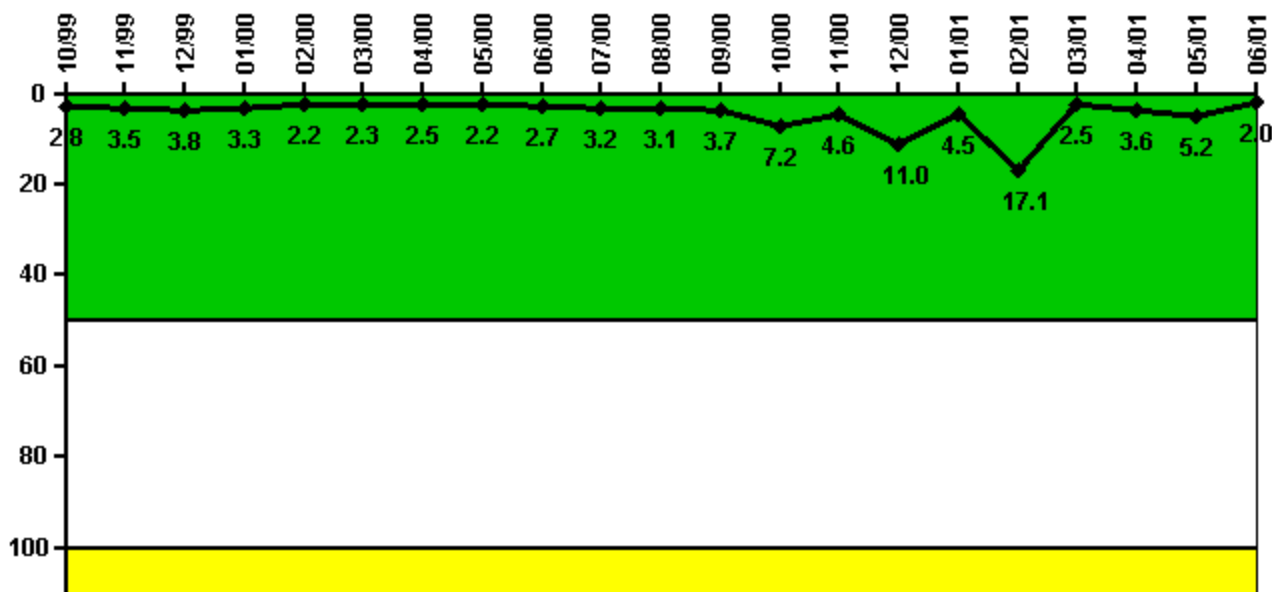
Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	N/A	0.019800	0.022900	0.022800	0.022800	0.022900	0.024100	0.025700	0.028500	0.029200	0.033600	0.037100
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator 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

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.040900	0.047600	0.055400	0.065800	0.115000	0.036100	N/A	0.022200	0.024200
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	4.1	4.8	5.5	6.6	11.5	3.6	N/A	2.2	2.4

Licensee Comments:

6/01: The plant was shutdown during the month of April.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

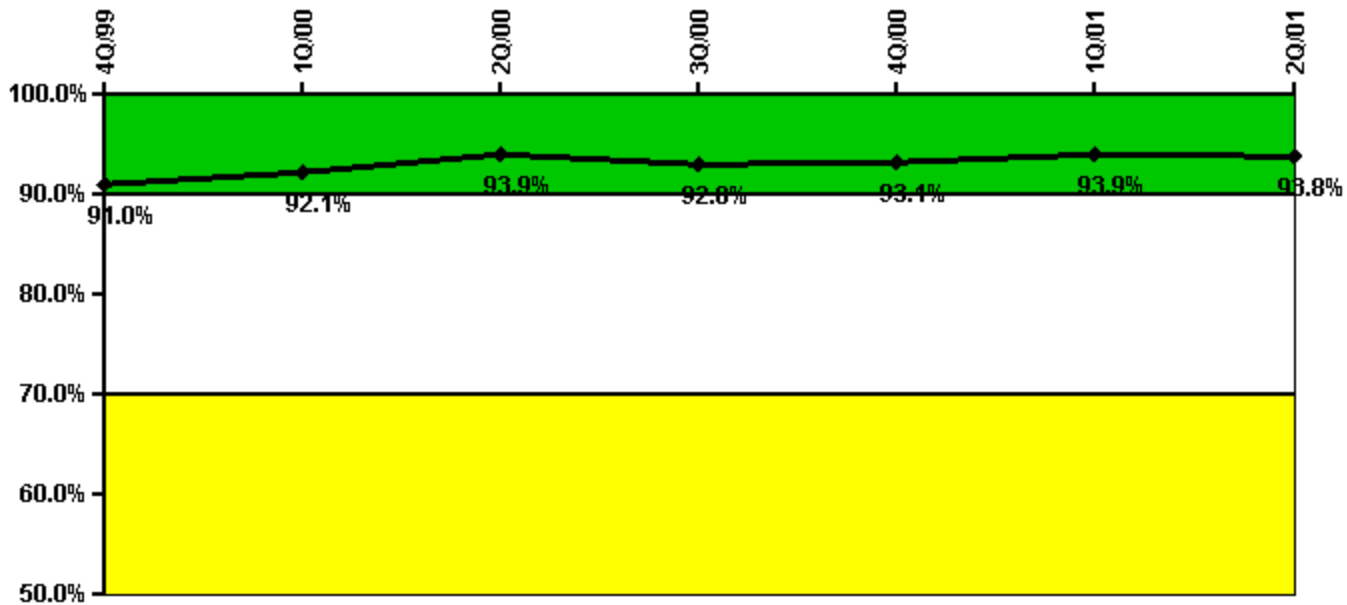
Notes

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

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.720	0.460	1.100	0.445	1.710	0.250	0.360	0.522	0.198
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	7.2	4.6	11.0	4.5	17.1	2.5	3.6	5.2	2.0

Licensee Comments: none

Drill/Exercise Performance



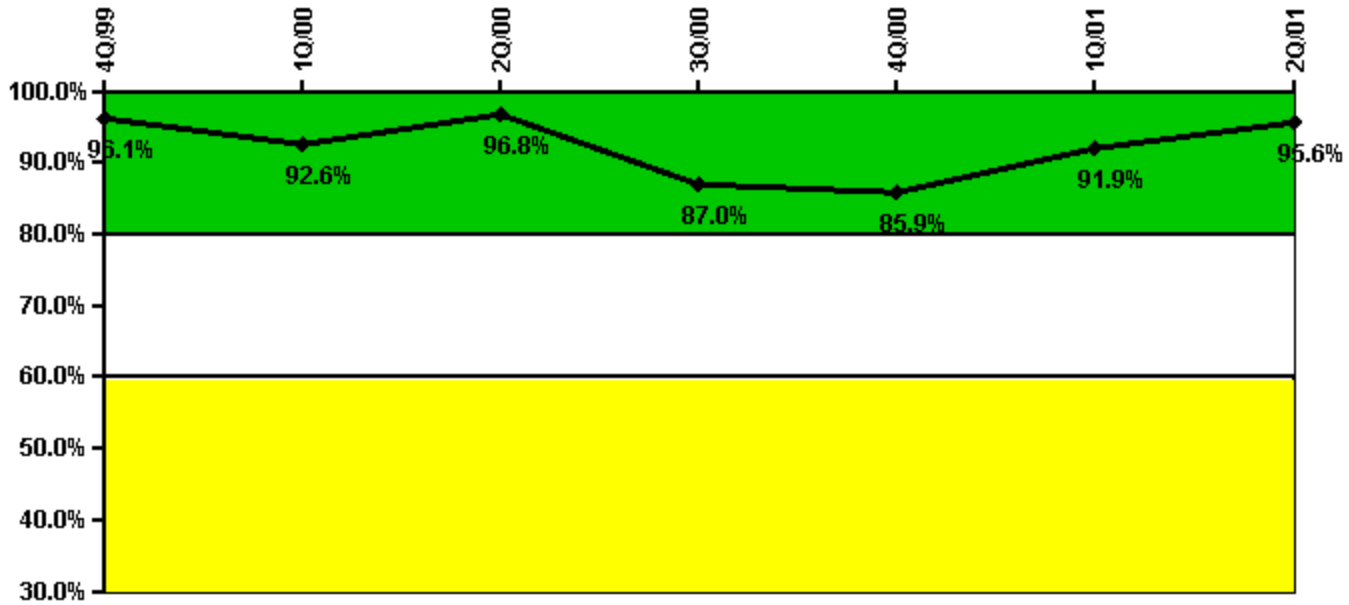
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	0	13.0	44.0	12.0	14.0	8.0	6.0
Total opportunities	0	13.0	45.0	16.0	14.0	8.0	8.0
Indicator value	91.0%	92.1%	93.9%	92.8%	93.1%	93.9%	93.8%

Licensee Comments: none

ERO Drill Participation



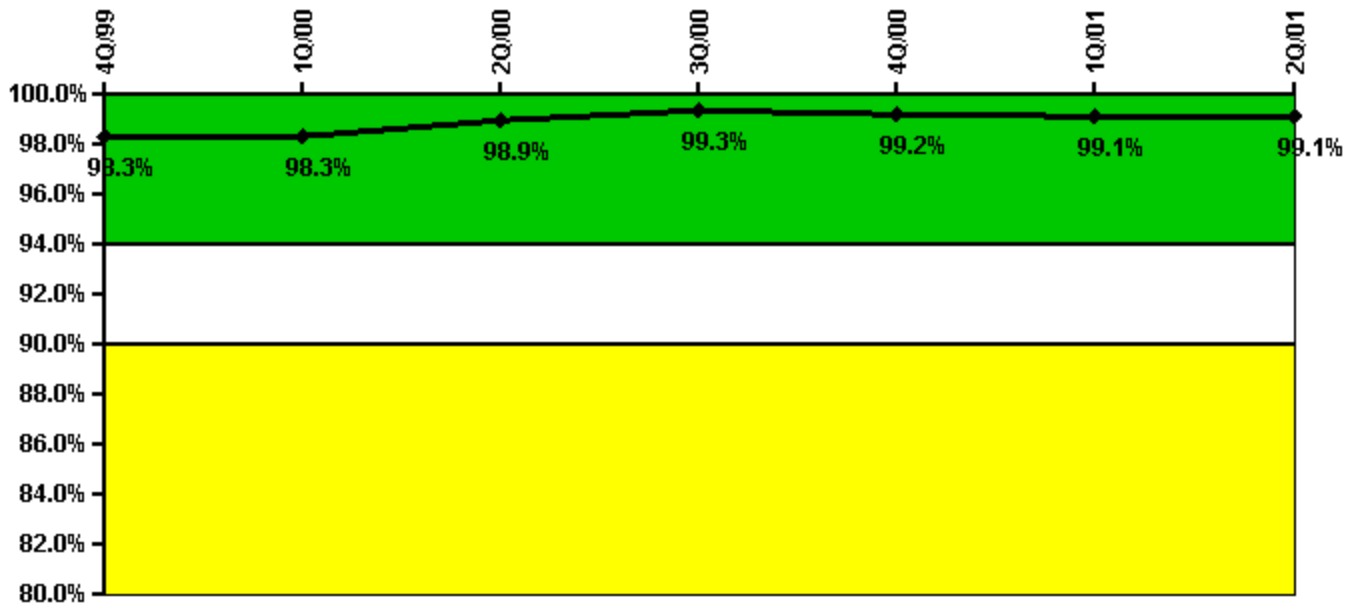
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	98.0	87.0	92.0	80.0	79.0	91.0	86.0
Total Key personnel	102.0	94.0	95.0	92.0	92.0	99.0	90.0
Indicator value	96.1%	92.6%	96.8%	87.0%	85.9%	91.9%	95.6%

Licensee Comments: none

Alert & Notification System



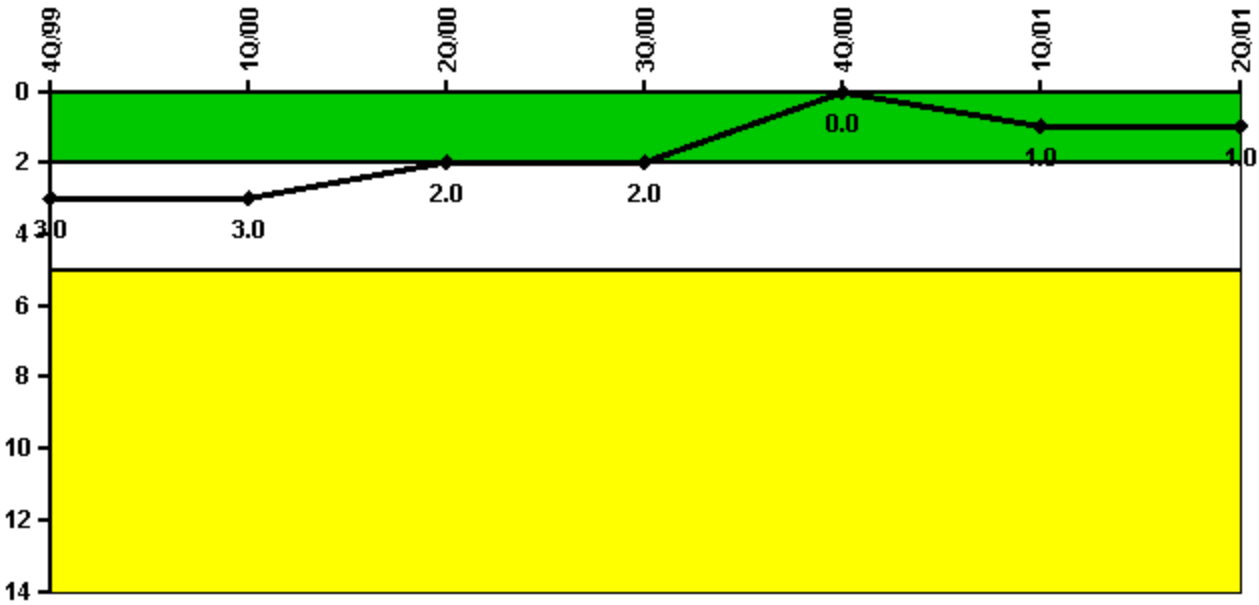
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	803	602	805	799	801	699	803
Total sirens-tests	808	606	808	808	808	707	808
Indicator value	98.3%	98.3%	98.9%	99.3%	99.2%	99.1%	99.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness



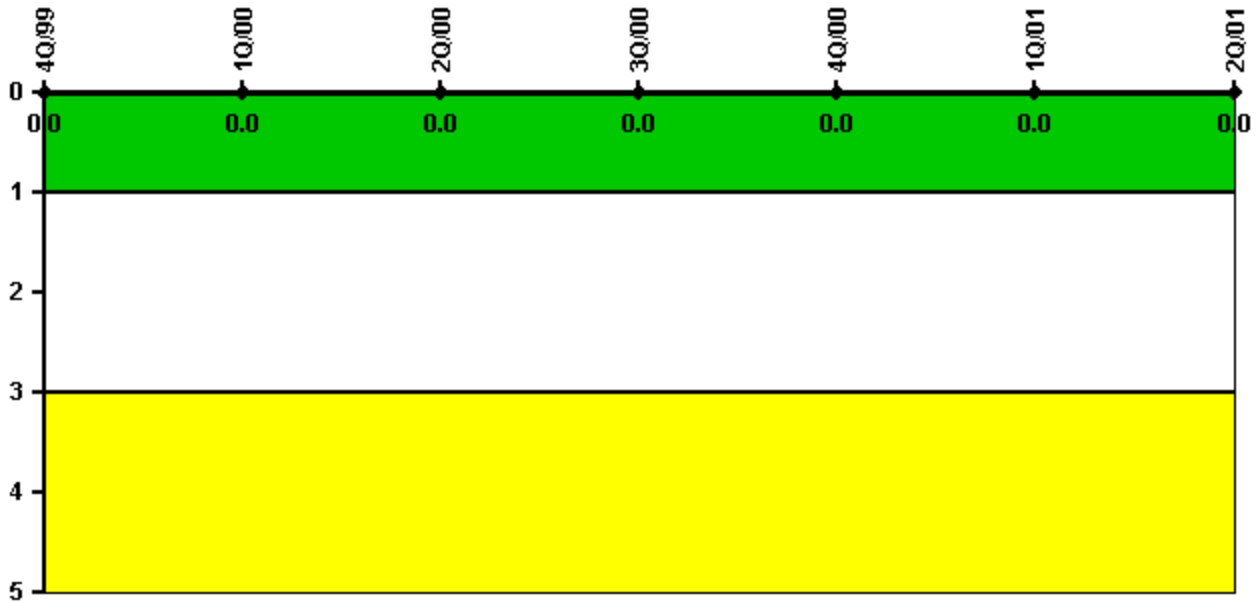
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
High radiation area occurrences	2	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	1	0
Indicator value	3	3	2	2	0	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



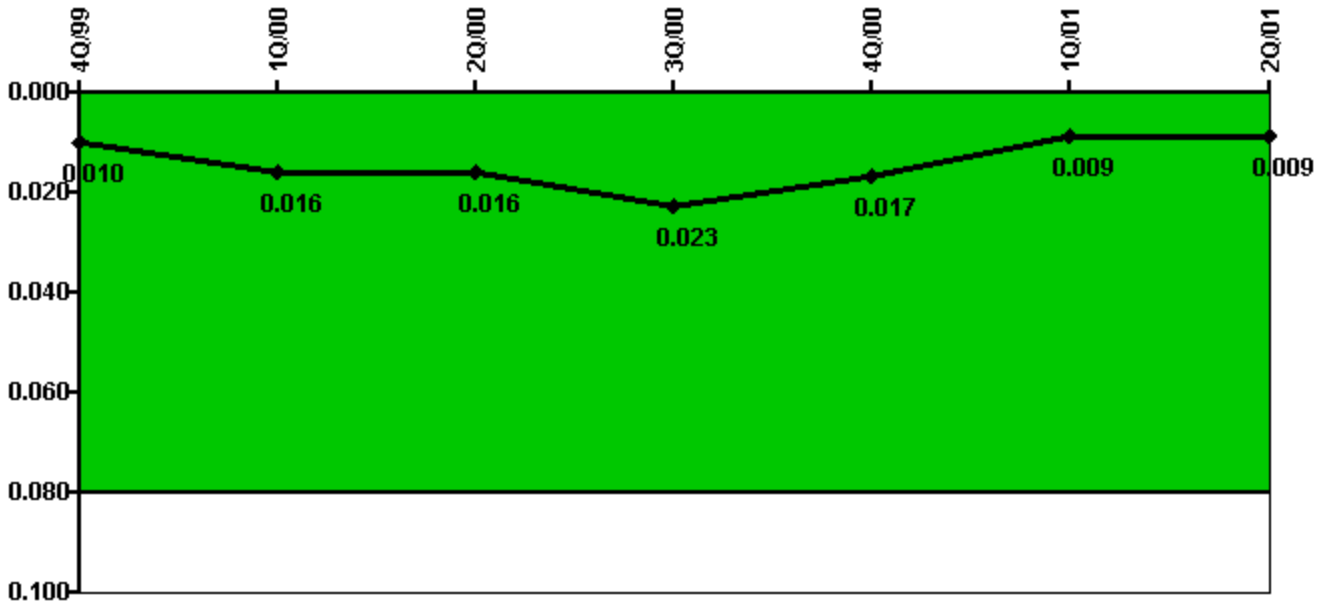
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	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

Protected Area Security Performance Index



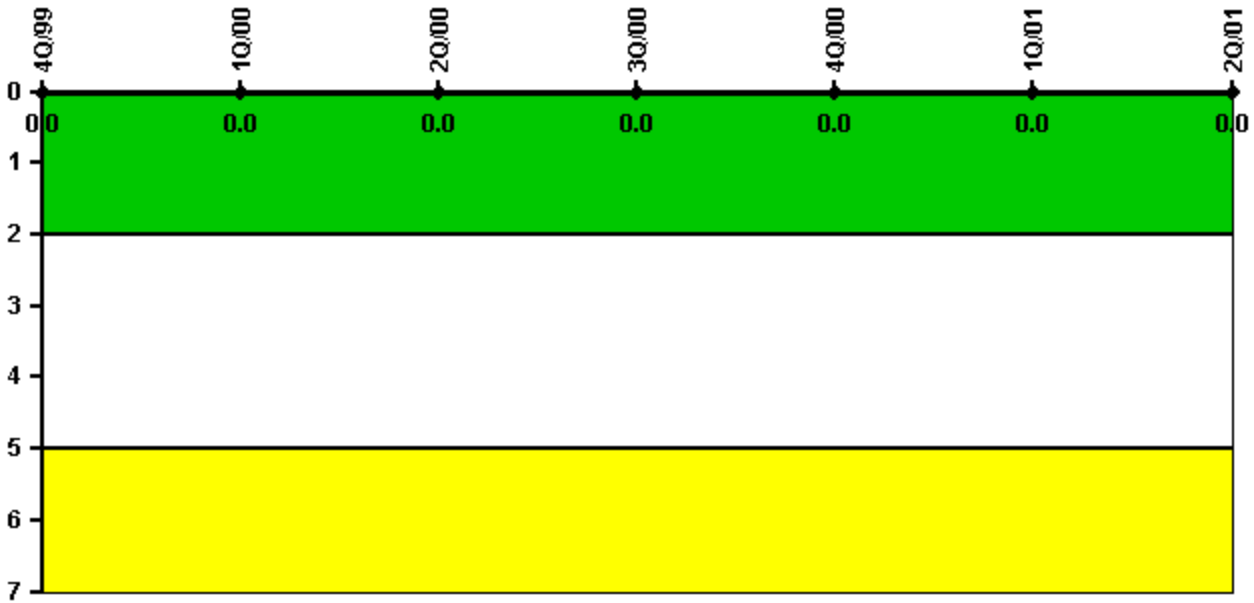
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	46.50	222.10	16.60	117.40	64.30	28.10	10.30
CCTV compensatory hours	0	0	0	0	0	0	1.2
IDS normalization factor	1.45	1.45	1.45	1.00	1.45	1.45	1.45
CCTV normalization factor	1.0	1.0	1.0	1.5	1.0	1.0	1.0
Index Value	0.010	0.016	0.016	0.023	0.017	0.009	0.009

Licensee Comments: none

Personnel Screening Program



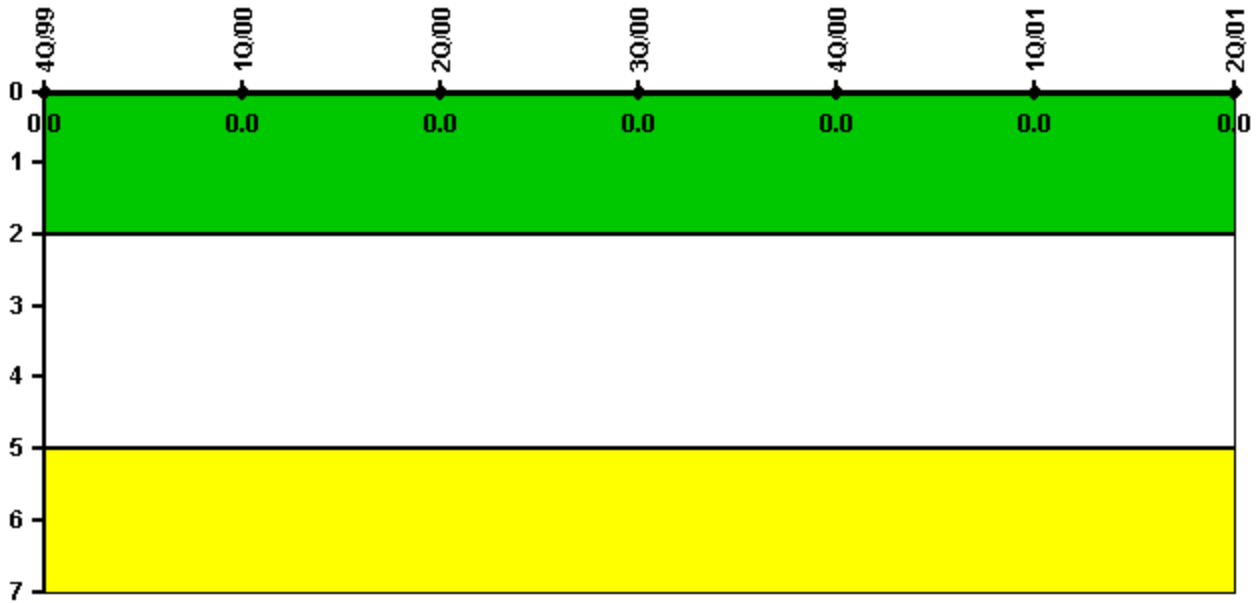
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	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

FFD/Personnel Reliability



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