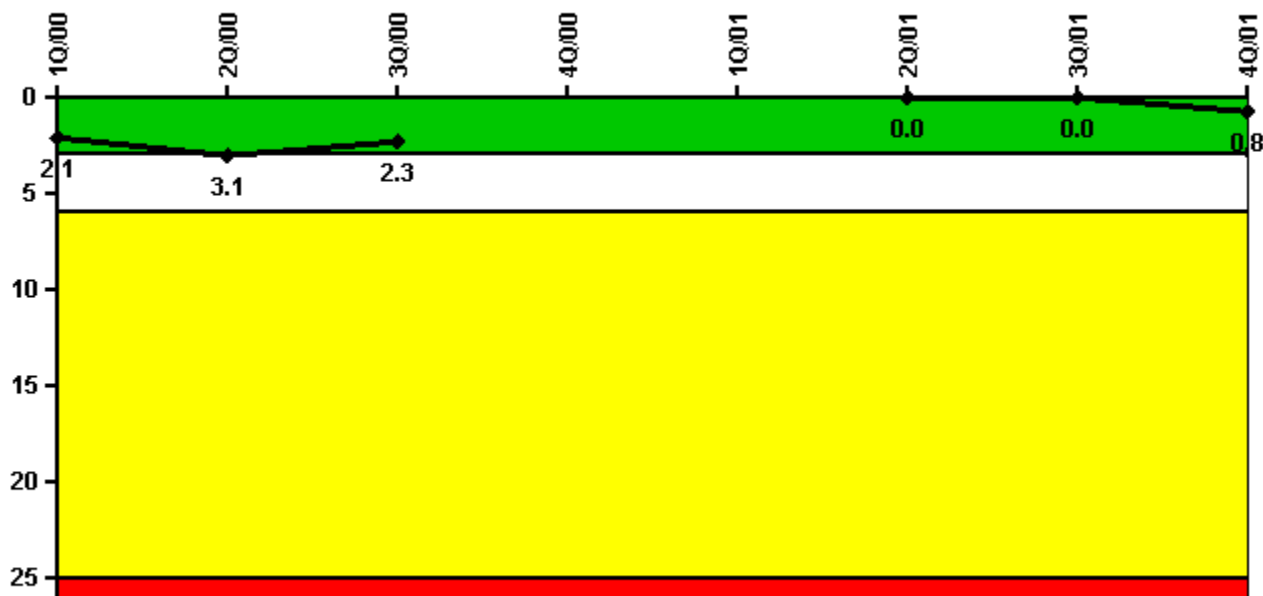


Indian Point 2

4Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



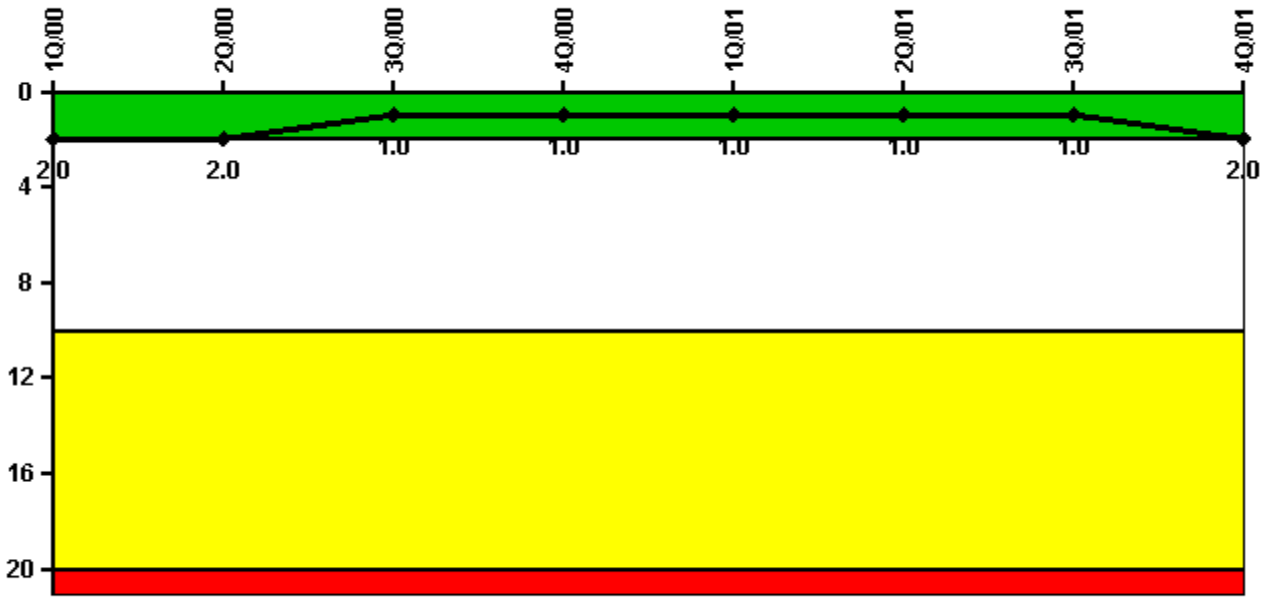
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned scrams	1.0	0	0	0	0	0	0	1.0
Critical hours	1099.5	0	0	44.2	2160.0	2183.0	2208.0	1963.0
Indicator value	2.1	3.1	2.3	N/A	N/A	0	0	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



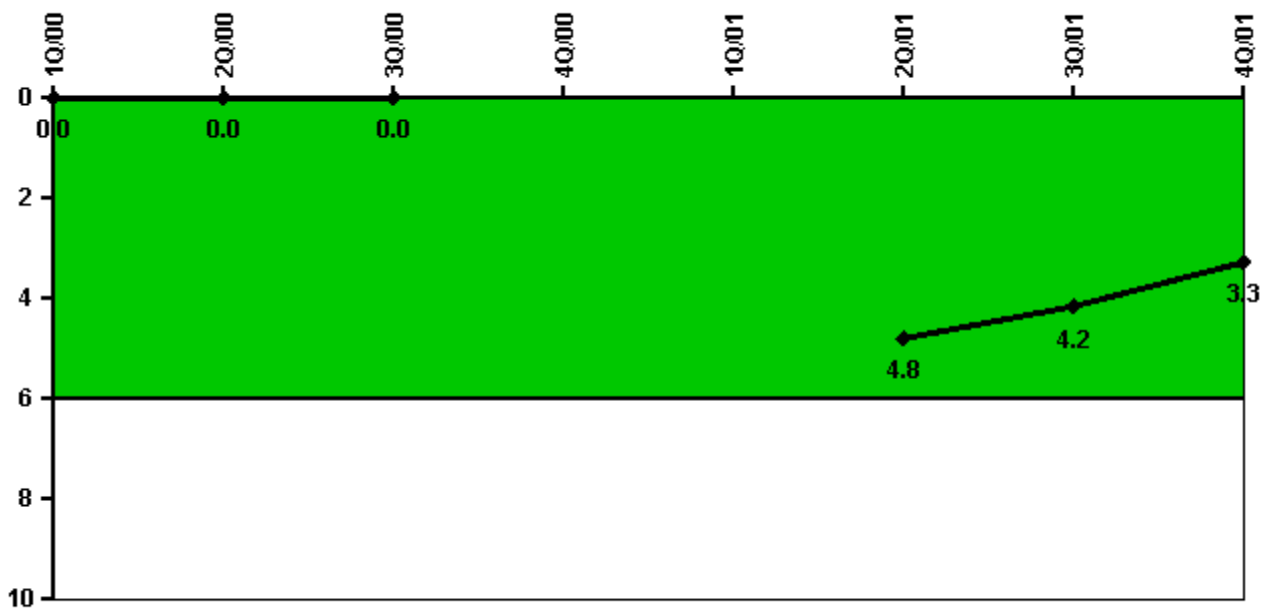
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Scrams	1.0	0	0	0	0	0	0	1.0
Indicator value	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



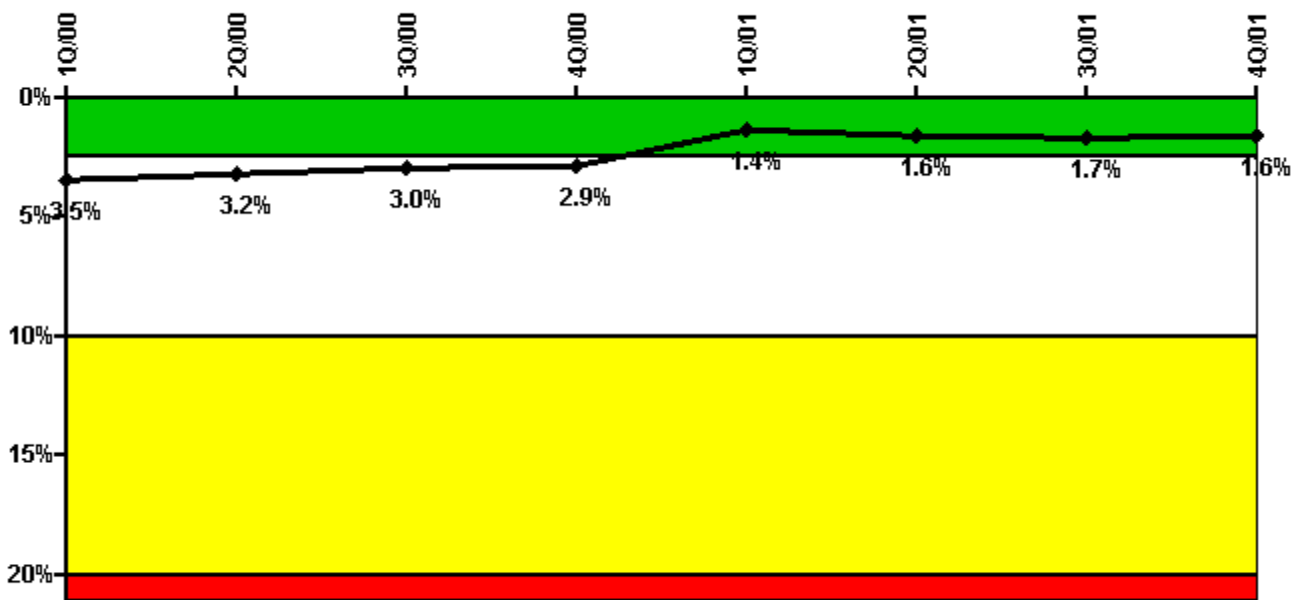
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	0	0	0	0	2.0	1.0	1.0	0
Critical hours	1099.5	0	0	44.2	2160.0	2183.0	2208.0	1963.0
Indicator value	0	0	0	N/A	N/A	4.8	4.2	3.3

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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	2.12	0	0	0	7.30	111.65	8.80	0
Unplanned unavailable hours	0	0	0	0	0.80	32.93	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	2184.00	2184.00	2208.00	2208.00	2160.00	2183.00	2208.00	2208.00
Train 2								
Planned unavailable hours	51.14	0	0	0	125.87	9.92	51.58	0
Unplanned unavailable hours	0	0	0	0	0.63	1.03	0	10.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2184.00	2208.00	2208.00	2160.00	2183.00	2208.00	2208.00
Train 3								
Planned unavailable hours	3.81	0	0	0	81.62	28.93	86.63	0
Unplanned unavailable hours	0	0	0	0	0.88	29.03	0	4.85
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	1443.93	0	0	0
Required hours	2184.00	2184.00	2208.00	2208.00	2160.00	2183.00	2208.00	2208.00
Indicator value	3.5%	3.2%	3.0%	2.9%	1.4%	1.6%	1.7%	1.6%

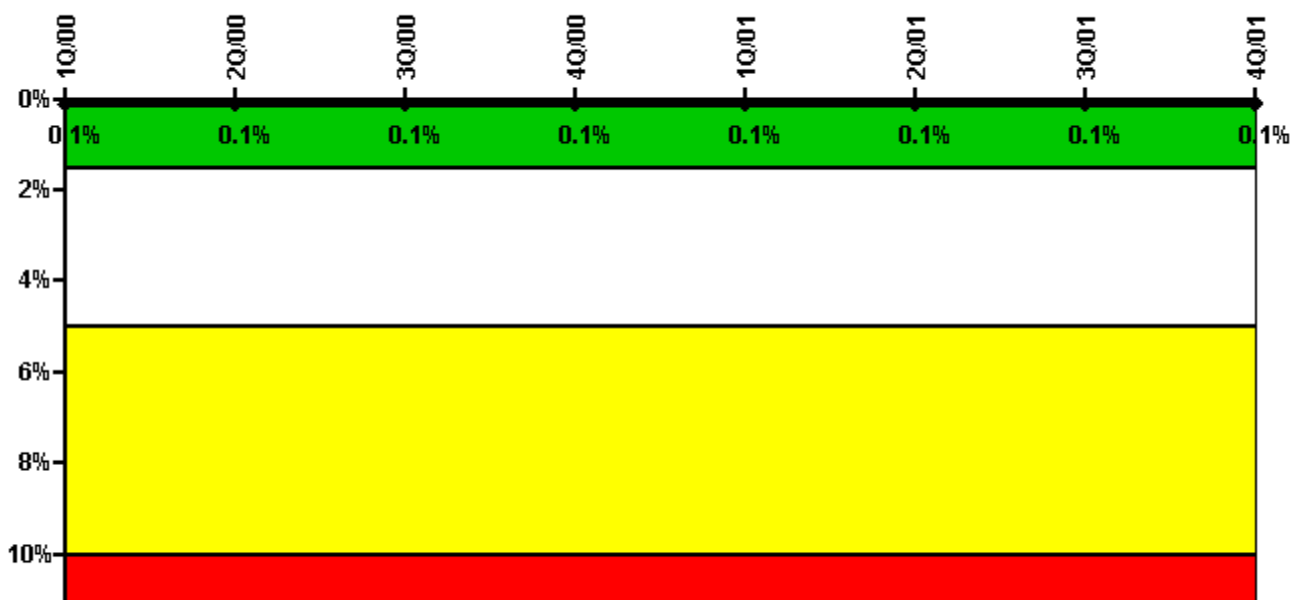
Licensee Comments:

3Q/99: Fault Exposure Hours Reset per NEI, "Supplemental Guidance for Fault Exposure Hour Reset", December 6, 2001

Effective Reset Comments:

1Q/01: Fault Exposure Hours Reset per NEI, "Supplemental Guidance for Fault Exposure Hour Reset," December 6, 2001.

Safety System Unavailability, High Pressure Injection System (HPSI)



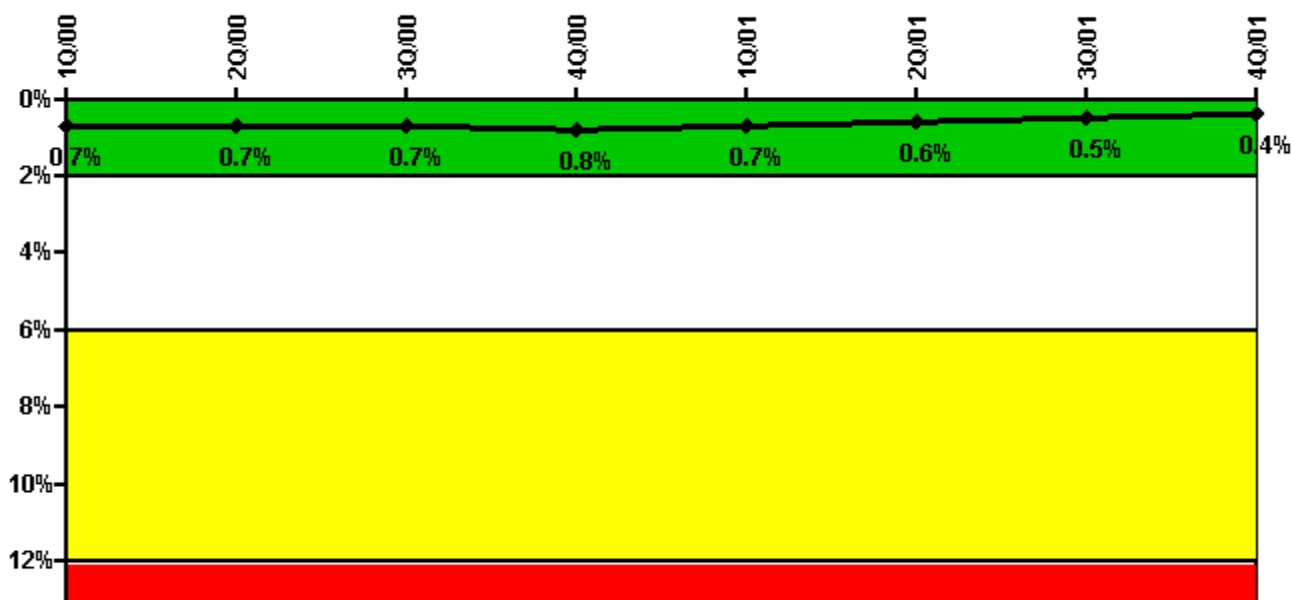
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	3.60	0	0	0	1.00	5.50	1.00	0.23
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	1099.50	0	0	44.17	2160.00	2183.00	2208.00	1962.98
Train 2								
Planned unavailable hours	0	0	0	0	6.00	2.53	6.56	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0.17
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1099.50	0	0	44.17	2160.00	2183.00	2208.00	1962.98
Train 3								
Planned unavailable hours	0	0	0	0	4.00	0.40	3.83	0.32
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	1099.50	0	0	44.17	2160.00	2183.00	2208.00	1962.98
Indicator value	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



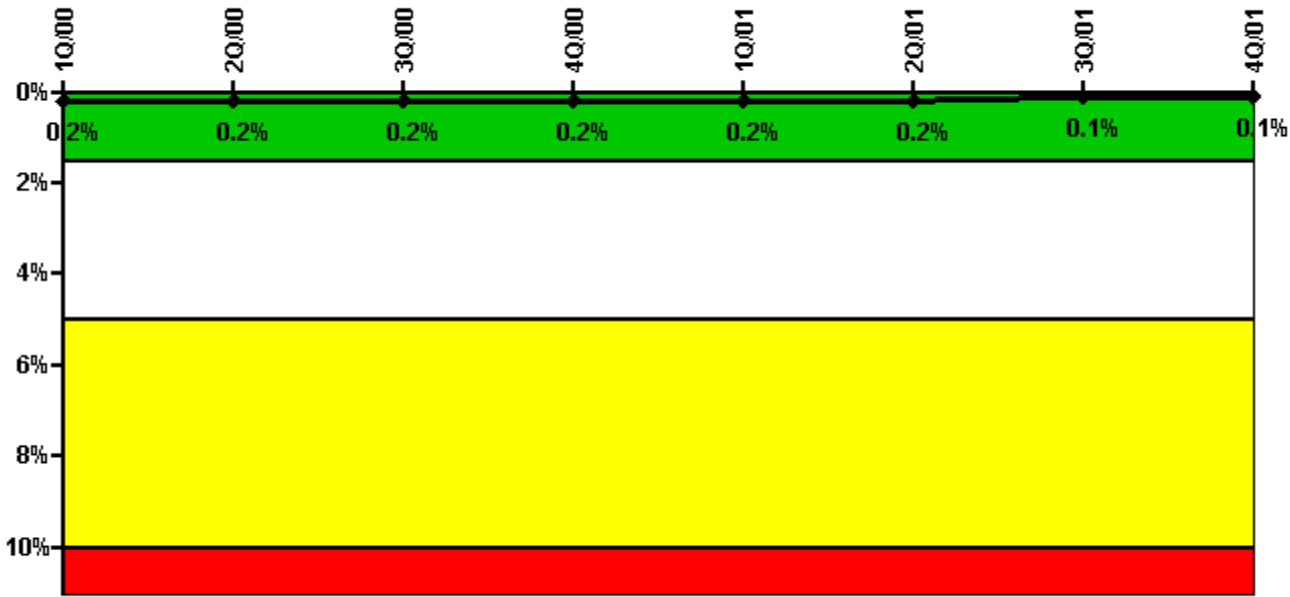
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0	0	0	0	5.00	5.10	8.50	0
Unplanned unavailable hours	0	0	0	0	0.40	0	0	12.37
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1099.50	0	0	44.17	2160.00	2183.00	2208.00	1962.98
Train 2								
Planned unavailable hours	13.70	0	0	0	5.75	5.80	6.17	0.96
Unplanned unavailable hours	0.30	0	0	0	0.42	0	0	1.65
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1099.50	0	0	44.17	2160.00	2183.00	2208.00	1962.98
Train 3								
Planned unavailable hours	13.00	0	0	0	13.50	2.50	1.30	12.70
Unplanned unavailable hours	0	0	0	0	4.42	3.50	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	1099.50	0	0	44.17	2160.00	2183.00	2208.00	1962.98
Indicator value	0.7%	0.7%	0.7%	0.8%	0.7%	0.6%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



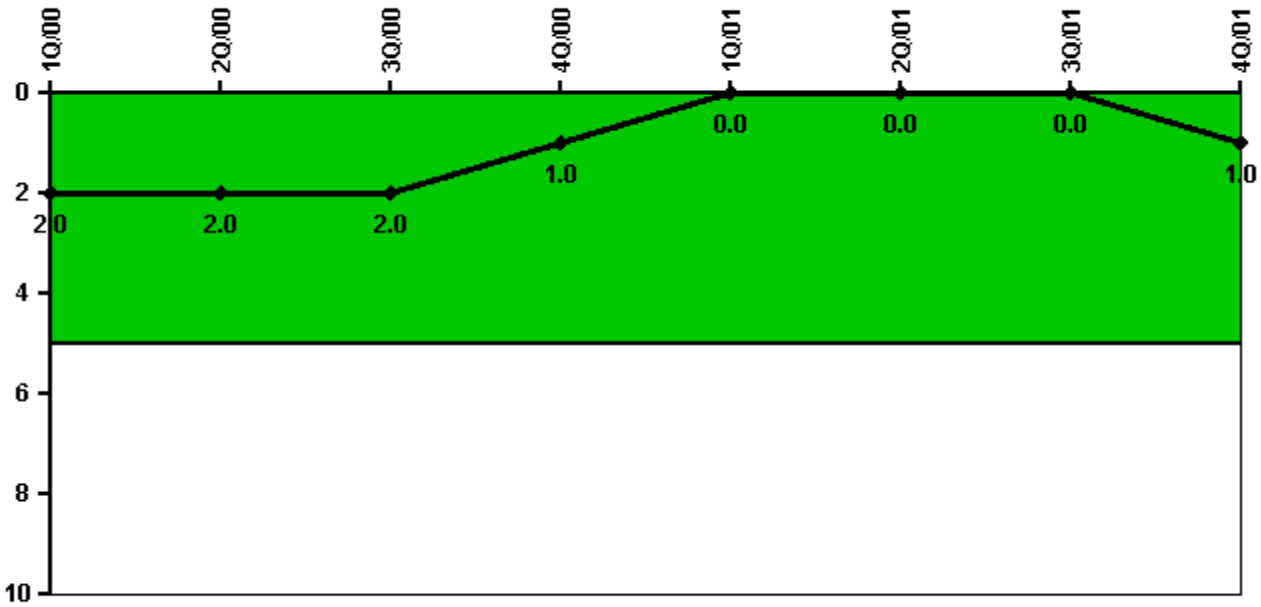
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0.50	0	0	0	8.00	4.50	0.25	0
Unplanned unavailable hours	0	0	0	0	6.40	0	0	0.17
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	0	1163.00	957.10	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0.50	0	0	0	0	0.50	0.08	0
Unplanned unavailable hours	0	0	0	0	4.50	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	2184.00	0	1163.00	957.10	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
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	2184.00	0	1163.00	957.10	2160.00	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
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	2184.00	0	1163.00	957.10	2160.00	2183.00	2208.00	2209.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%

Licensee Comments: none

Safety System Functional Failures (PWR)



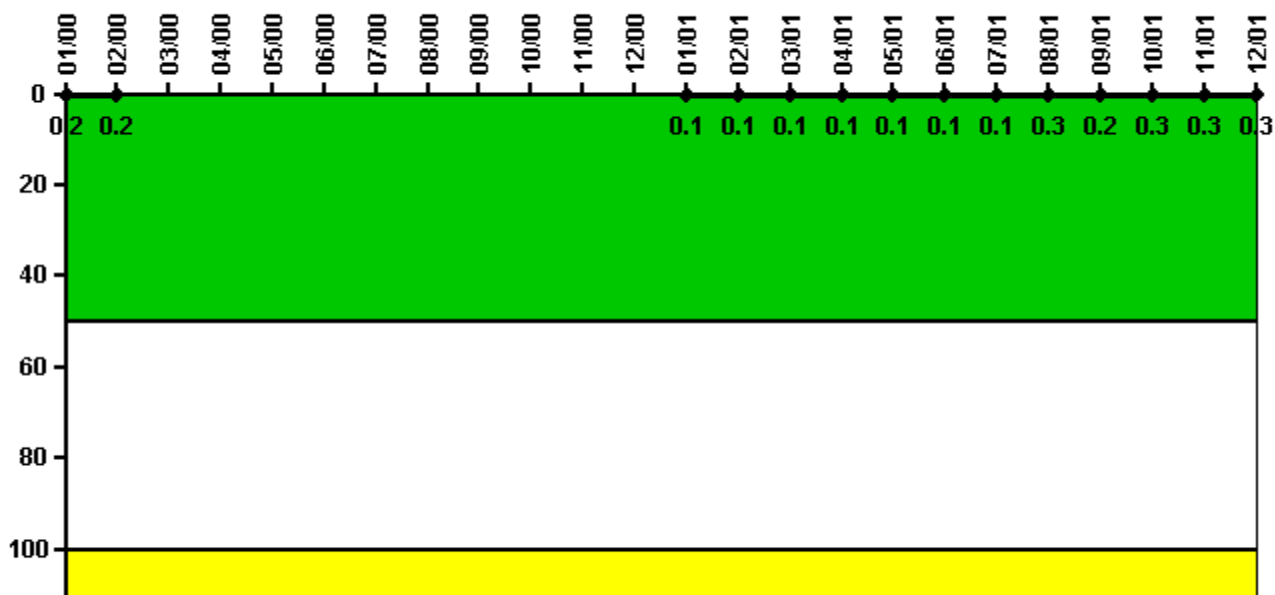
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

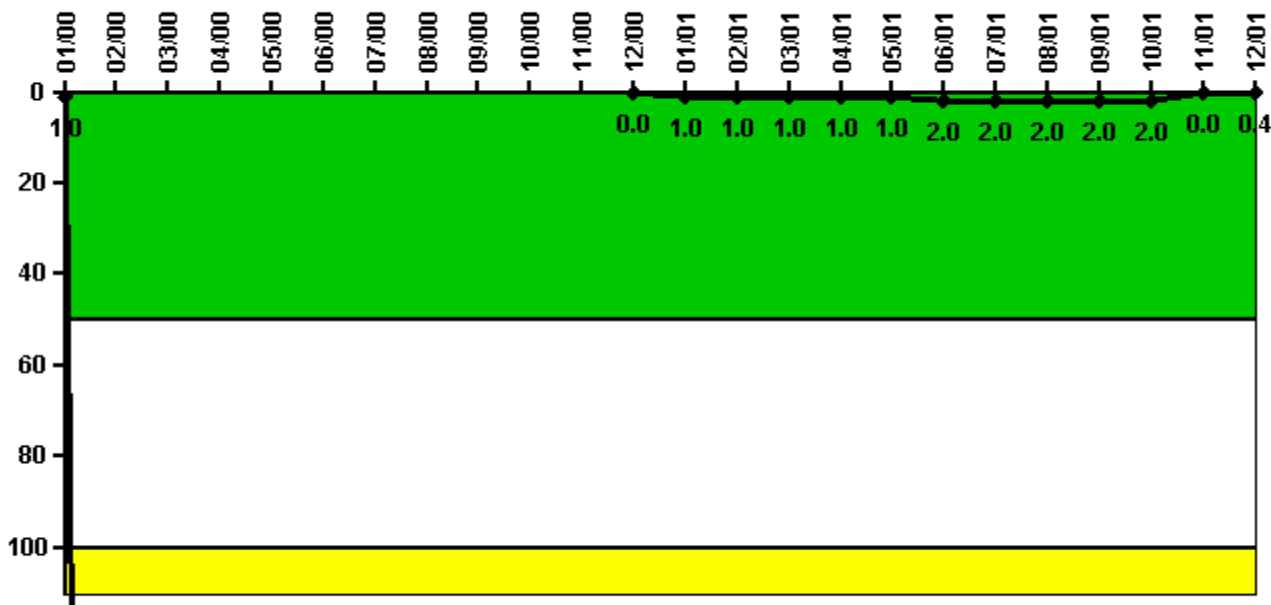
Notes

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	0.002390	0.002280	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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	0.2	0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.000600	0.000700	0.000800	0.000770	0.000790	0.001400	0.001100	0.002700	0.001600	0.002500	0.002900	0.003400
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	0.3	0.2	0.3	0.3	0.3

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

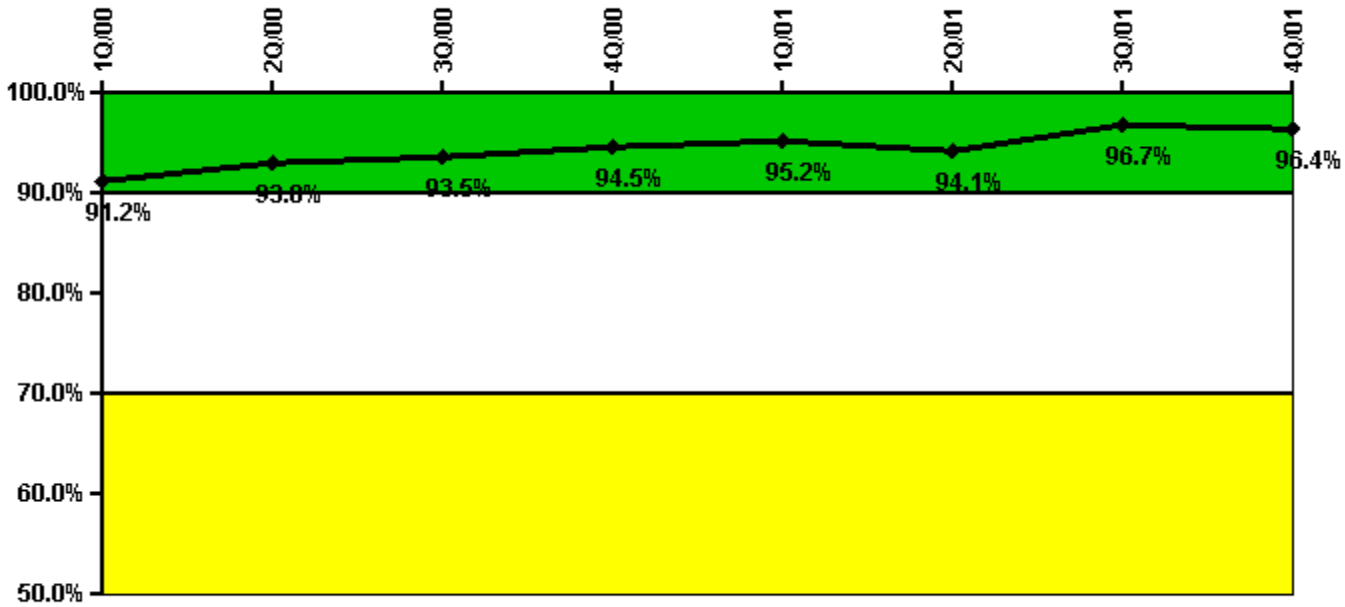
Notes

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	109.000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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	1.0	1090.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.100	0.100	0.100	0.100	0.100	0.200	0.200	0.200	0.200	0.200	0	0.039
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	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	0	0.4

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

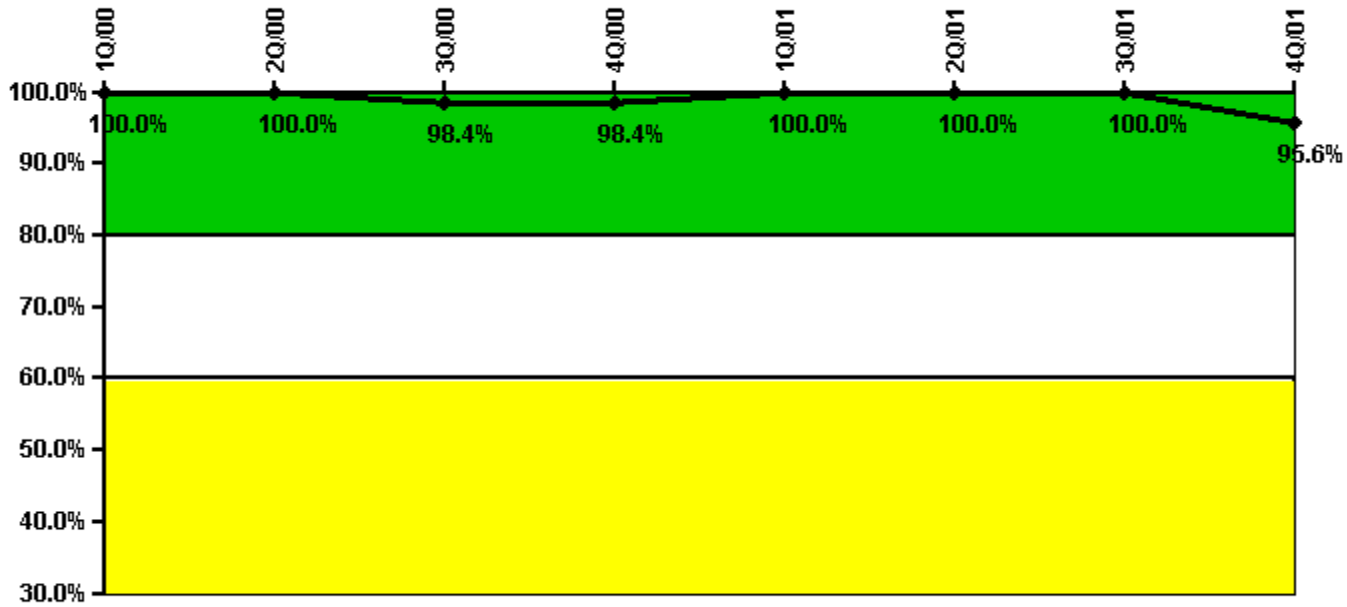
Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	29.0	30.0	9.0	13.0	28.0	15.0	26.0	10.0
Total opportunities	30.0	30.0	9.0	14.0	29.0	18.0	26.0	10.0
Indicator value	91.2%	93.0%	93.5%	94.5%	95.2%	94.1%	96.7%	96.4%

Licensee Comments:

4Q/01: Reported on 10/3/01 for Q3/2001 as 8 opportunities and 8 successes. The revised information increases the Q3/2001 report quantities by 18 to a total of 26 in each category as they were conducted in the 3rd Quarter, 2001 and not reported at that time. There was no effect on the color of the indicator previously reported using the original data.

3Q/01: Reported on 10/3/01 for Q3/2001 as 8 opportunities and 8 successes. The revised information increases the Q3/2001 report quantities by 18 to a total of 26 in each category as they were conducted in the 3rd Quarter, 2001 and not reported at that time. There was no effect on the color of the indicator previously reported using the original data.

ERO Drill Participation



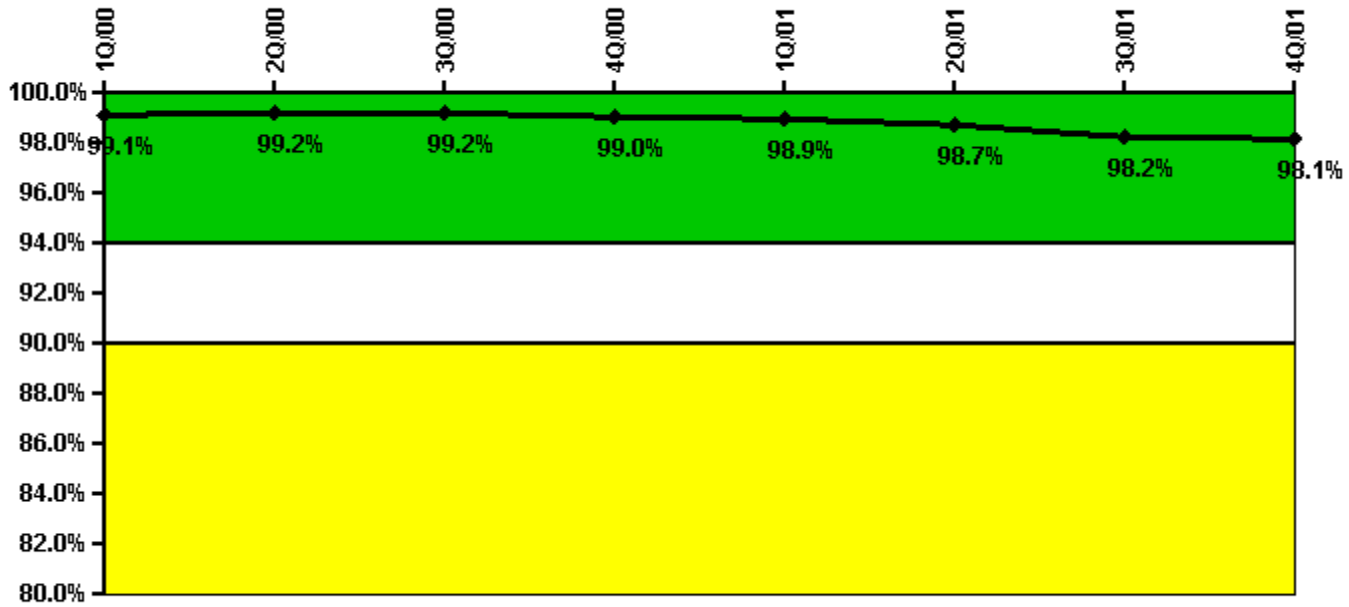
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	62.0	67.0	63.0	62.0	48.0	48.0	45.0	43.0
Total Key personnel	62.0	67.0	64.0	63.0	48.0	48.0	45.0	45.0
Indicator value	100.0%	100.0%	98.4%	98.4%	100.0%	100.0%	100.0%	95.6%

Licensee Comments: none

Alert & Notification System



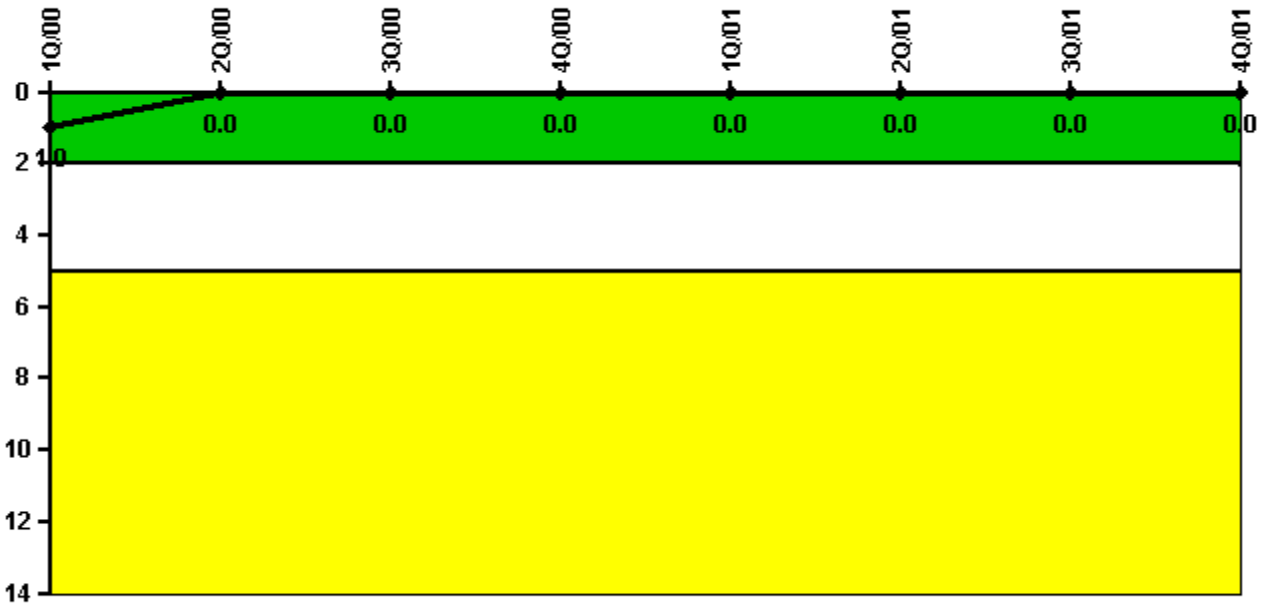
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	920	1225	914	906	1069	1062	997	1197
Total sirens-tests	924	1232	924	924	1078	1078	1029	1222
Indicator value	99.1%	99.2%	99.2%	99.0%	98.9%	98.7%	98.2%	98.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness



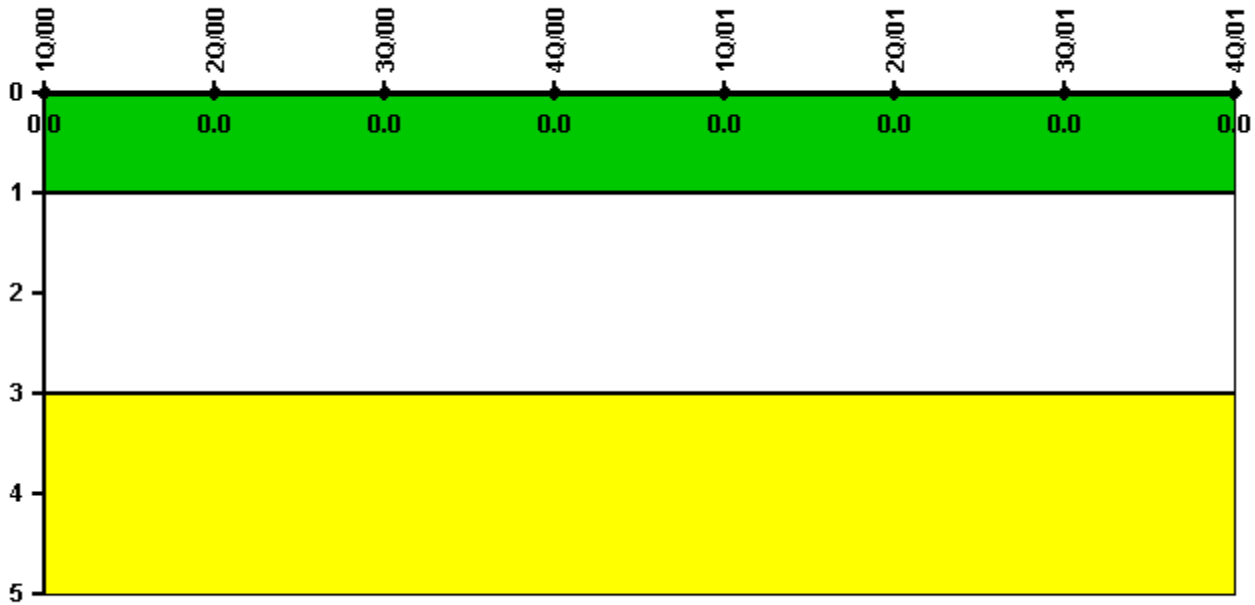
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



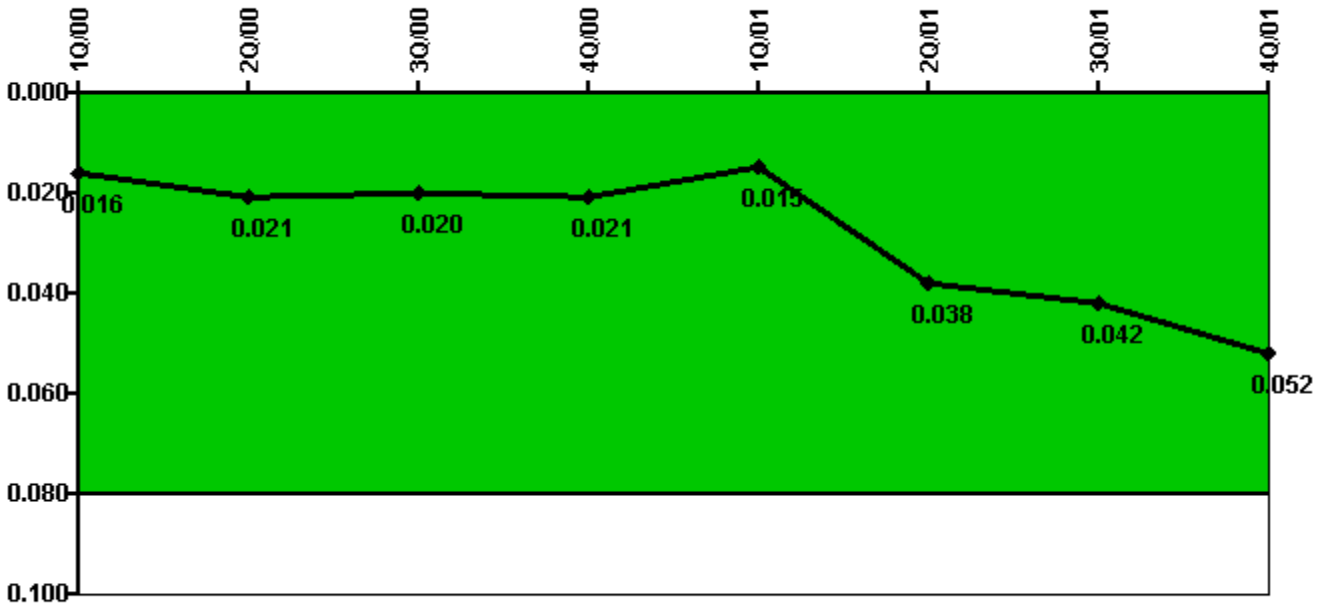
Thresholds: White > 1.0 Yellow > 3.0

Notes

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



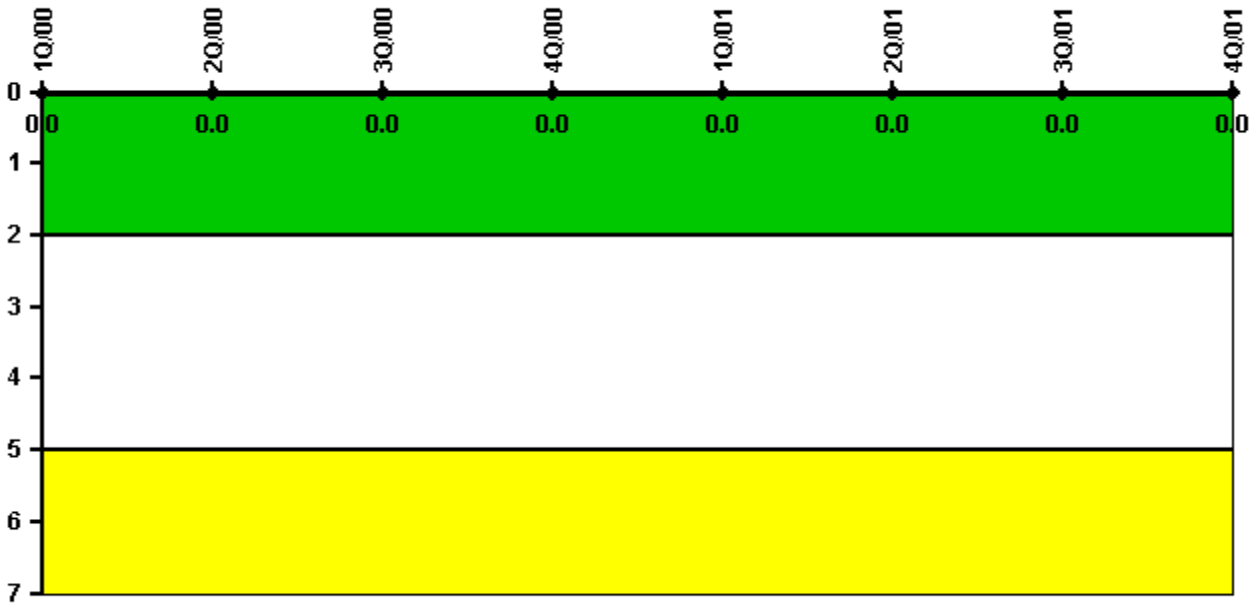
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
IDS compensatory hours	0	90.82	41.35	75.92	7.49	238.12	114.83	47.93
CCTV compensatory hours	135.7	0.6	26.7	6.3	21.0	285.2	25.8	219.3
IDS normalization factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	0.016	0.021	0.020	0.021	0.015	0.038	0.042	0.052

Licensee Comments: none

Personnel Screening Program



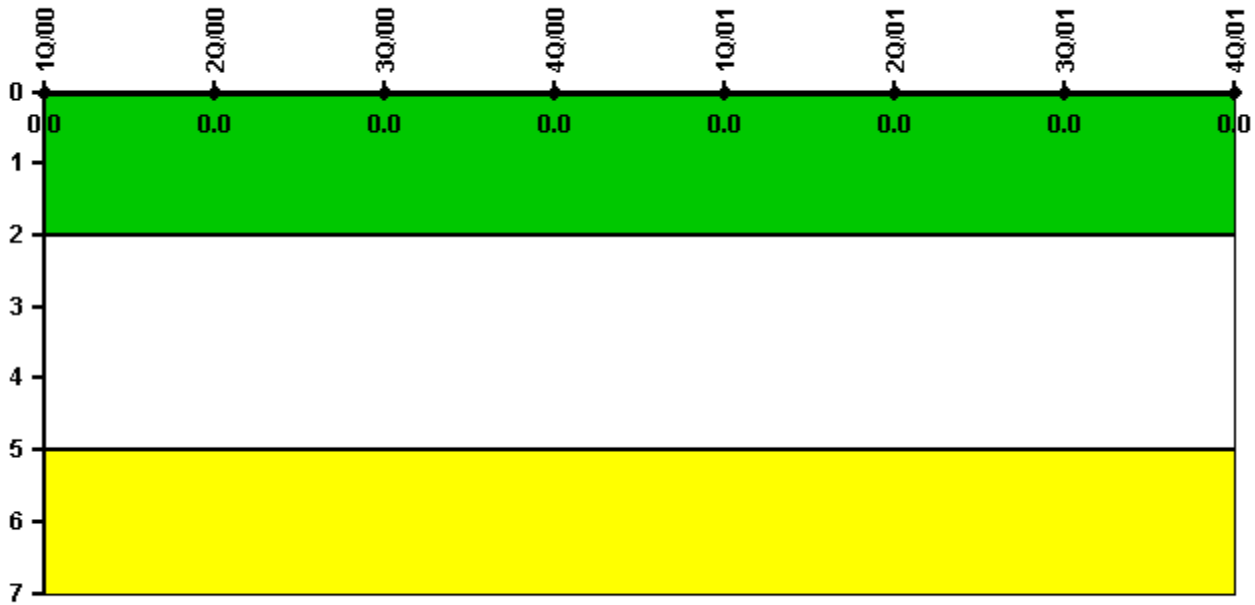
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 15, 2002