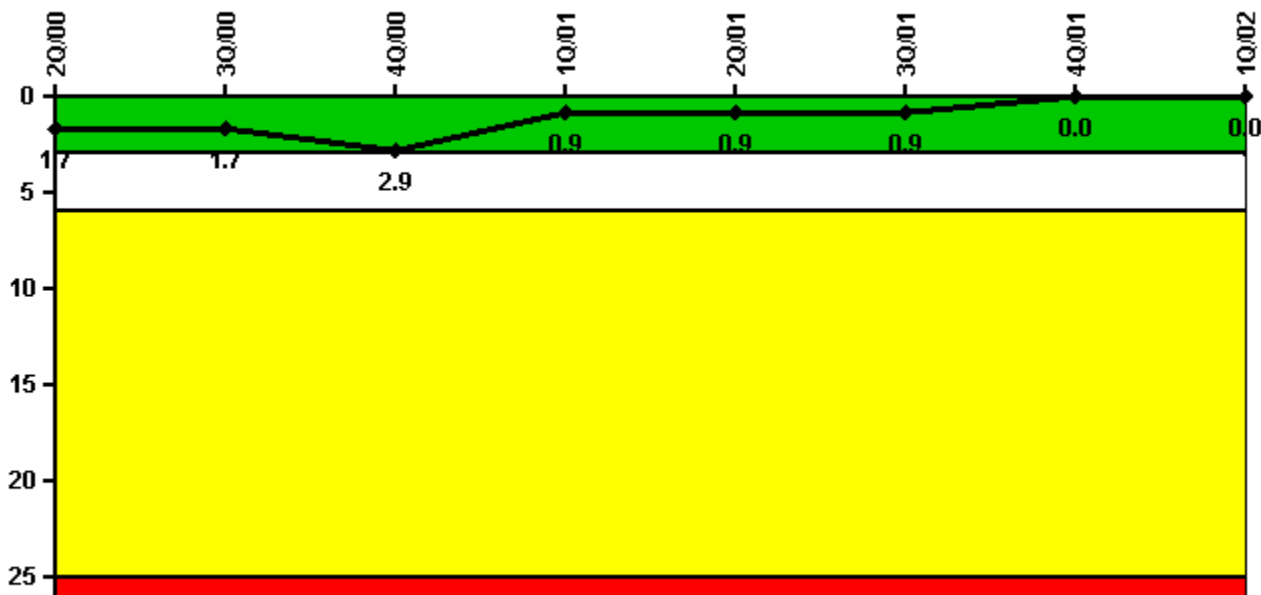


Oyster Creek

1Q/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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2183.0	2105.4	1411.1	2160.0	2130.1	2208.0	2048.7	2160.0
Indicator value	1.7	1.7	2.9	0.9	0.9	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



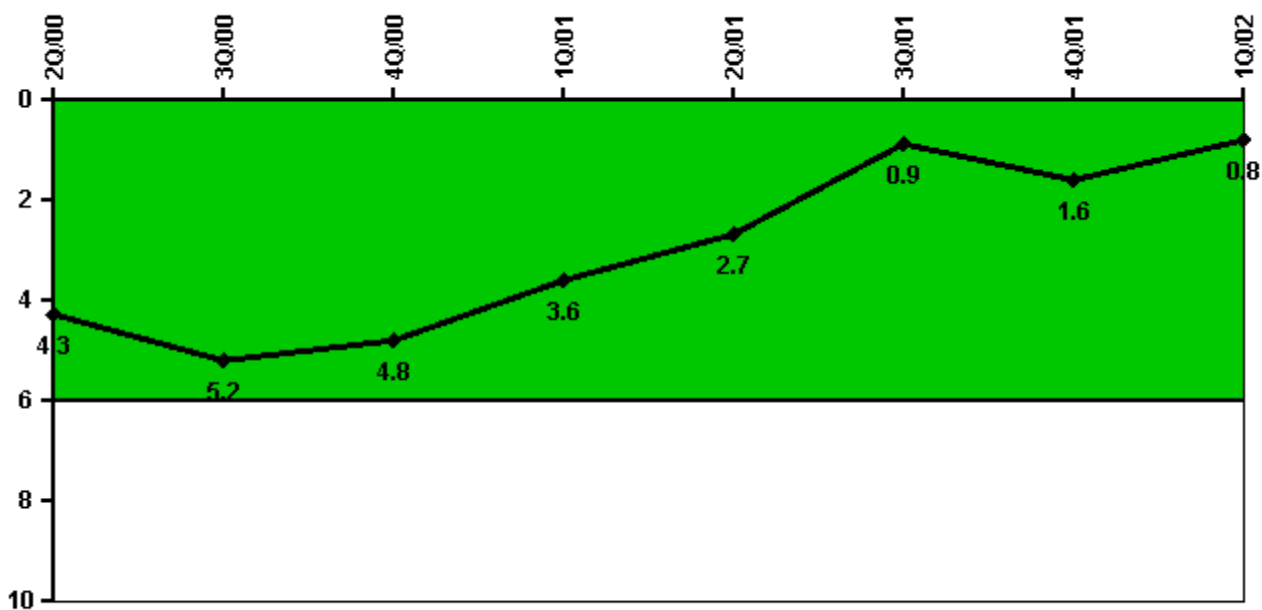
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Scrams	0	0	0	0	0	0	0	0
Indicator value	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



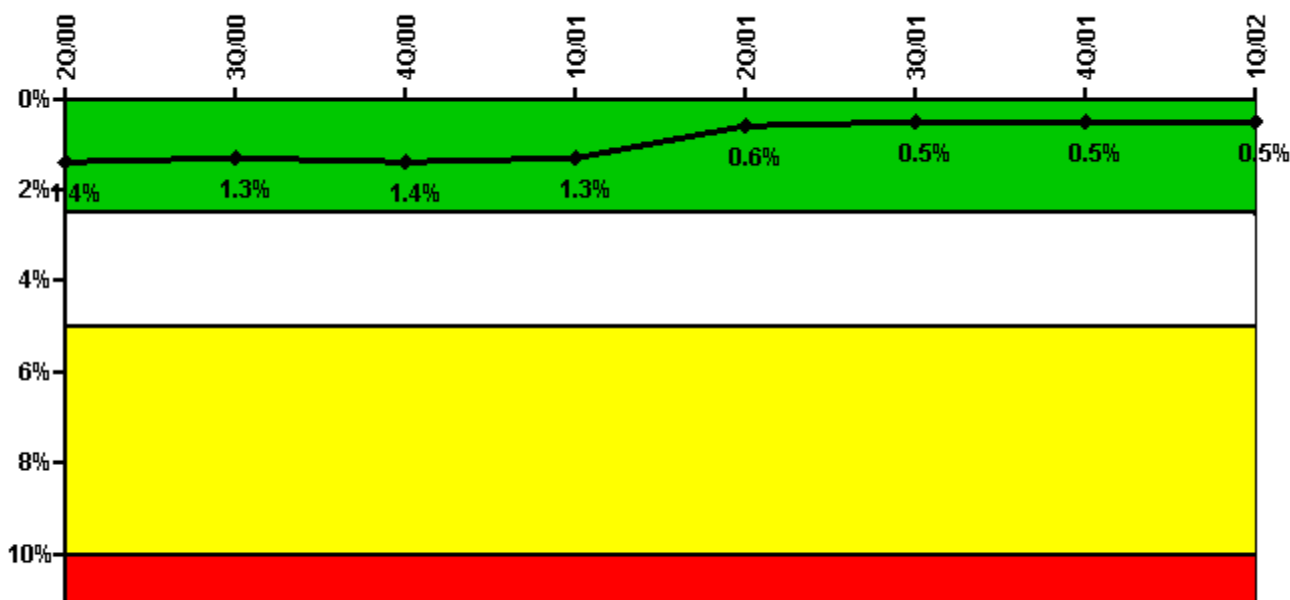
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	1.0	2.0	0	1.0	0	0	1.0	0
Critical hours	2183.0	2105.4	1411.1	2160.0	2130.1	2208.0	2048.7	2160.0
Indicator value	4.3	5.2	4.8	3.6	2.7	0.9	1.6	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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0	0	11.42	0	9.22	0	12.57	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	0	0	7.40	0	16.00	0	7.52
Unplanned unavailable hours	0	0	0	0	13.43	53.24	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	1.4%	1.3%	1.4%	1.3%	0.6%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System

**Not applicable due to
unique design
characteristics.
Performance in this area
will be assessed through
focused NRC inspection
efforts.**

Notes

Safety System Unavailability, High Pressure Injection System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	29.88	11.23	9.70	10.20	15.45	10.20	10.90	10.80
Unplanned unavailable hours	0	0	0	0	0.75	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	2183.00	2120.90	1444.20	2160.00	2139.60	2208.00	2065.00	2160.00
Train 2								
Planned unavailable hours	53.97	24.31	11.40	11.60	16.88	10.60	12.30	9.60
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	2183.00	2120.90	1444.20	2160.00	2139.60	2208.00	2065.00	2160.00
Indicator value	0.7%	0.8%	0.9%	0.9%	0.9%	0.9%	0.9%	1.0%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

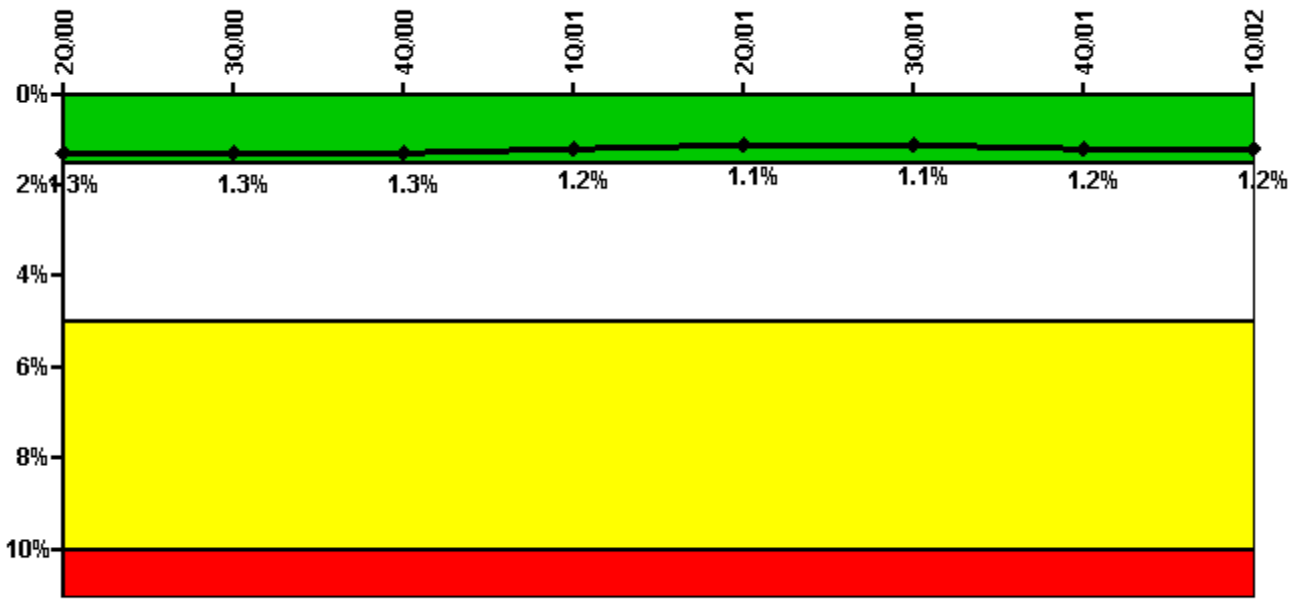
**Thresholds
under
development /
review**

Notes

Safety System Unavailability, Heat Removal System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Train 2								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

Notes

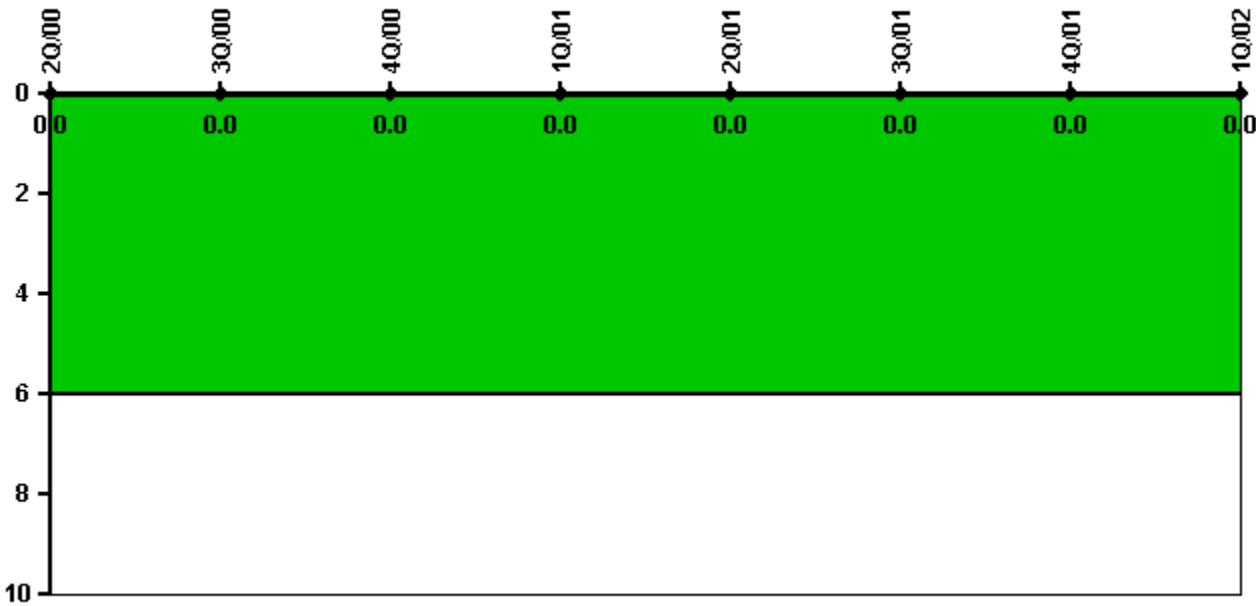
Safety System Unavailability, Residual Heat Removal System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0.92	7.04	244.70	13.50	0	32.20	0	7.20
Unplanned unavailable hours	0	0	7.30	1.60	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2208.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0.83	0	1.60	0	14.48	0	8.40	11.40
Unplanned unavailable hours	0	0	7.30	1.60	0.30	0	15.90	15.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2208.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	10.62	0	46.60	0	21.30	0	5.00	0
Unplanned unavailable hours	0	0	7.30	1.60	0	0	15.90	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	2183.00	2208.00	2208.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	6.89	38.69	17.30	30.39	3.78	5.80	2.70	5.00
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	2183.00	2120.87	1436.00	2160.00	2139.60	2208.00	2065.00	2160.00
Train 5								
Planned unavailable hours	6.56	2.77	1.12	4.32	43.41	2.90	2.30	39.60
Unplanned unavailable hours	0	12.79	2.98	0	0	156.90	28.00	4.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2120.87	1436.00	2160.00	2139.60	2208.00	2065.00	2160.00

Indicator value	1.3%	1.3%	1.3%	1.2%	1.1%	1.1%	1.2%	1.2%
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Licensee Comments:

1Q/02: Containment Spray/ESW System 1 was tagged out for 52 hours in February for planned heat exchanger cleaning. Per NEI 99-02, planned overhaul maintenance (such as this one) hours don't have to be included in the unavailable hours. A quantitative risk assessment was performed consistent with NEI 99-02 criteria.

Safety System Functional Failures (BWR)



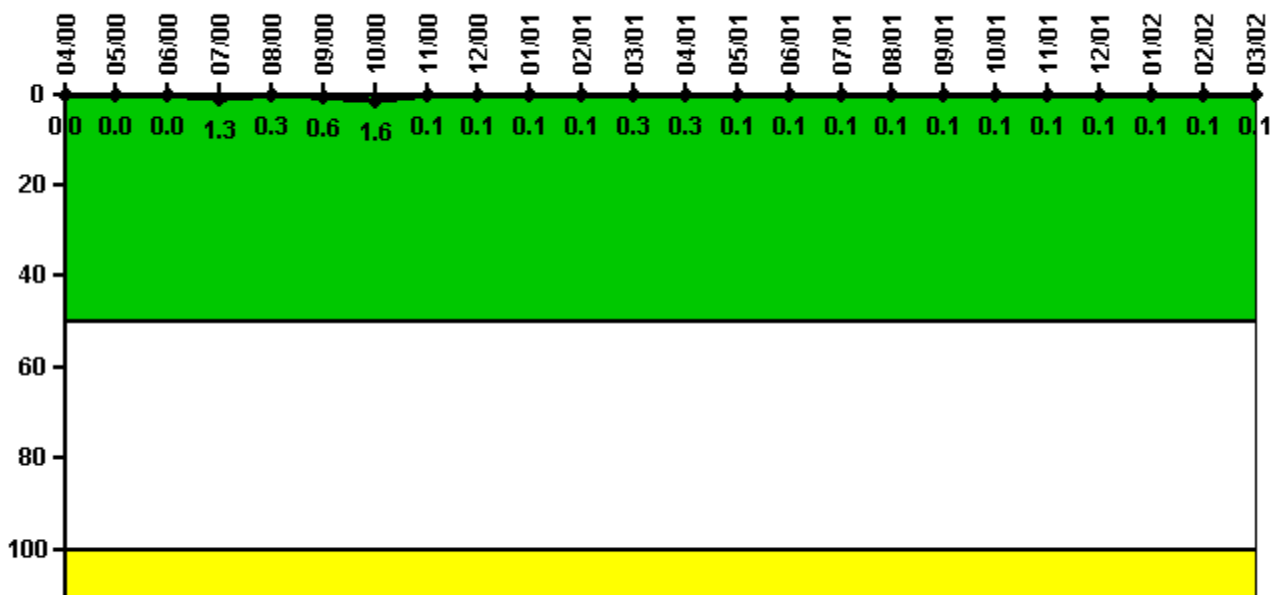
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/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

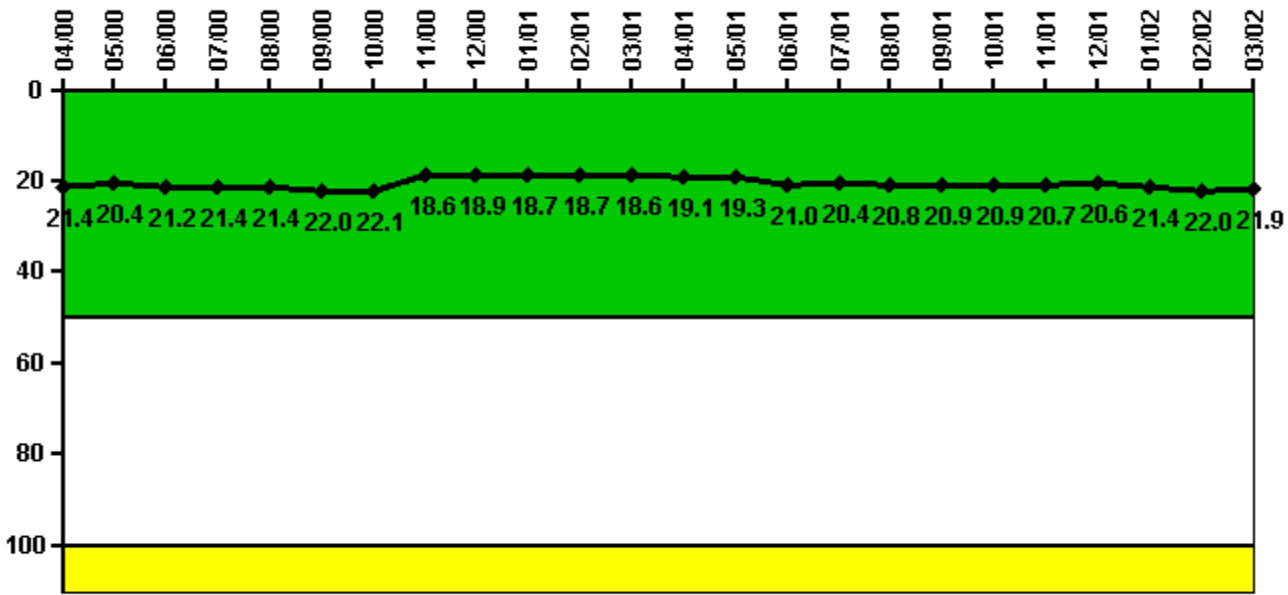
Notes

Reactor Coolant System Activity	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000058	0.000031	0.000044	0.002540	0.000577	0.001280	0.003280	0.000164	0.000185	0.000133	0.000276	0.000513
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	1.3	0.3	0.6	1.6	0.1	0.1	0.1	0.1	0.3

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.000506	0.000264	0.000238	0.000158	0.000117	0.000144	0.000122	0.000192	0.000197	0.000141	0.000218	0.000108
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

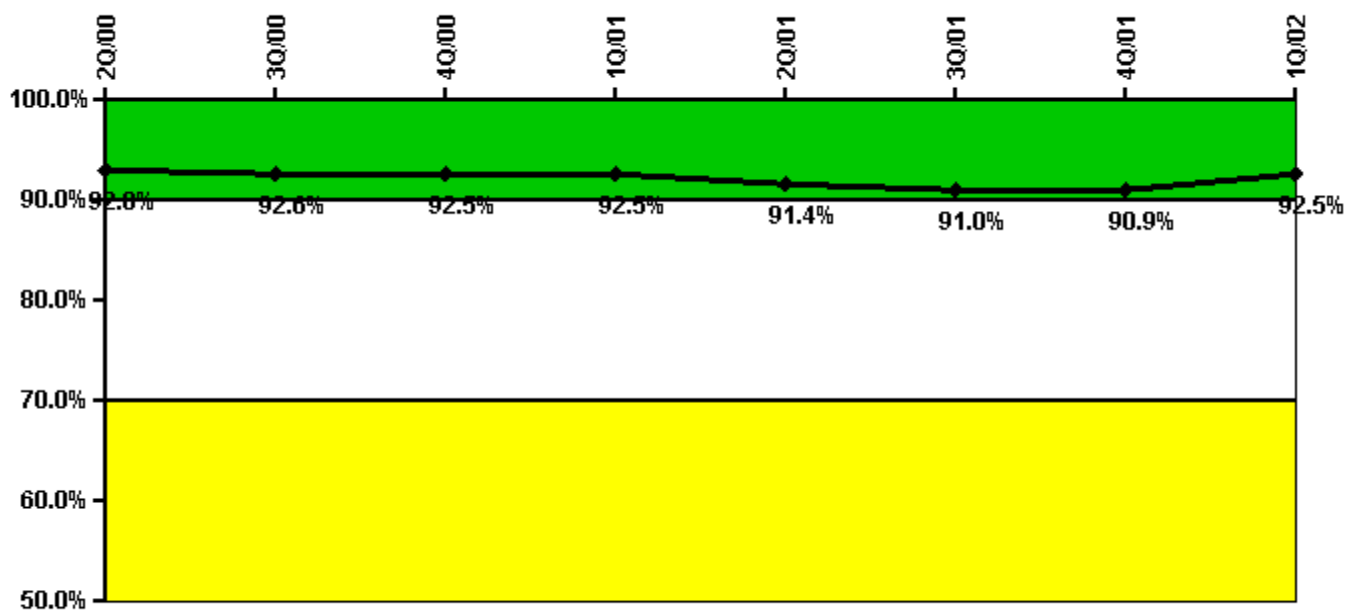
Notes

Reactor Coolant System Leakage	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	5.350	5.090	5.290	5.350	5.340	5.490	5.520	4.650	4.720	4.670	4.680	4.640
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	21.4	20.4	21.2	21.4	21.4	22.0	22.1	18.6	18.9	18.7	18.7	18.6

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	4.770	4.830	5.240	5.090	5.210	5.220	5.220	5.170	5.150	5.350	5.500	5.470
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	19.1	19.3	21.0	20.4	20.8	20.9	20.9	20.7	20.6	21.4	22.0	21.9

Licensee Comments: none

Drill/Exercise Performance



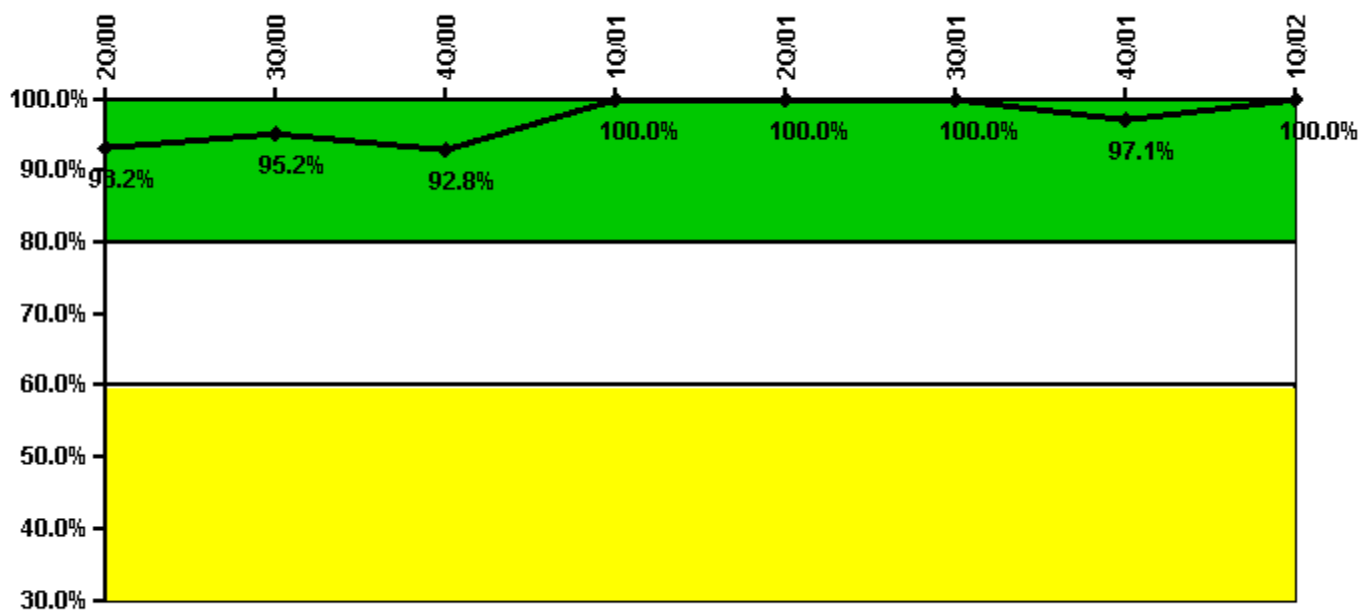
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	128.0	16.0	0	10.0	6.0	12.0	0	14.0
Total opportunities	140.0	18.0	0	10.0	6.0	13.0	0	14.0
Indicator value	92.8%	92.6%	92.5%	92.5%	91.4%	91.0%	90.9%	92.5%

Licensee Comments: none

ERO Drill Participation



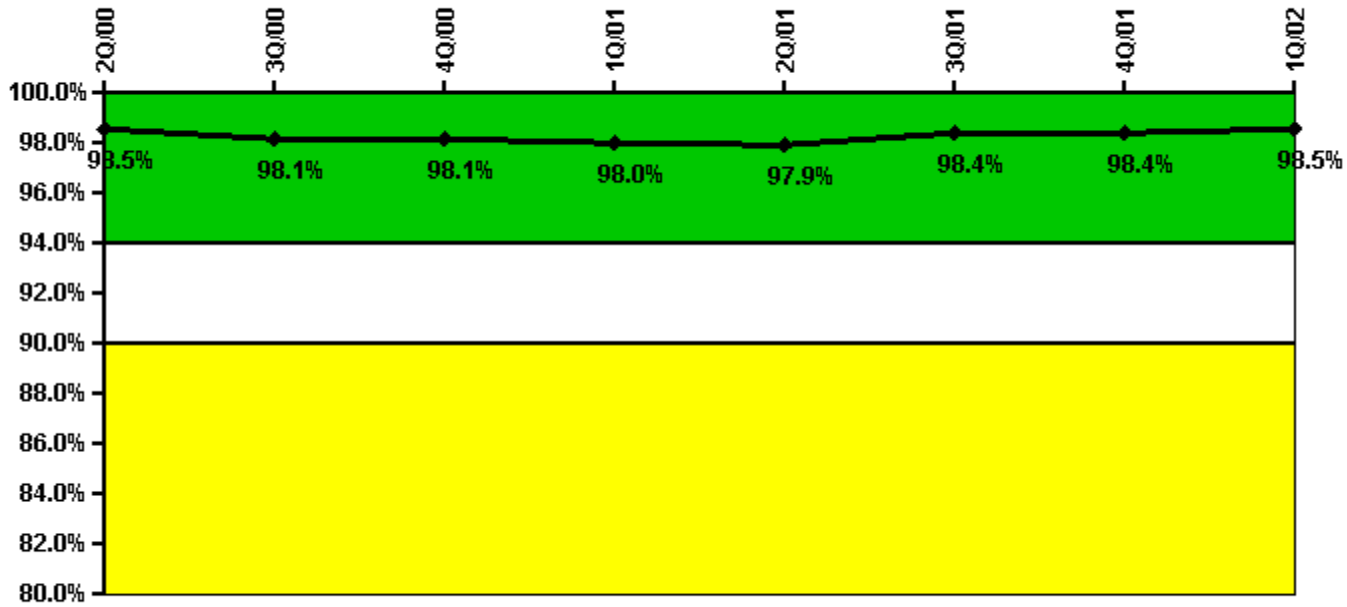
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	82.0	79.0	77.0	43.0	44.0	33.0	33.0	34.0
Total Key personnel	88.0	83.0	83.0	43.0	44.0	33.0	34.0	34.0
Indicator value	93.2%	95.2%	92.8%	100.0%	100.0%	100.0%	97.1%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

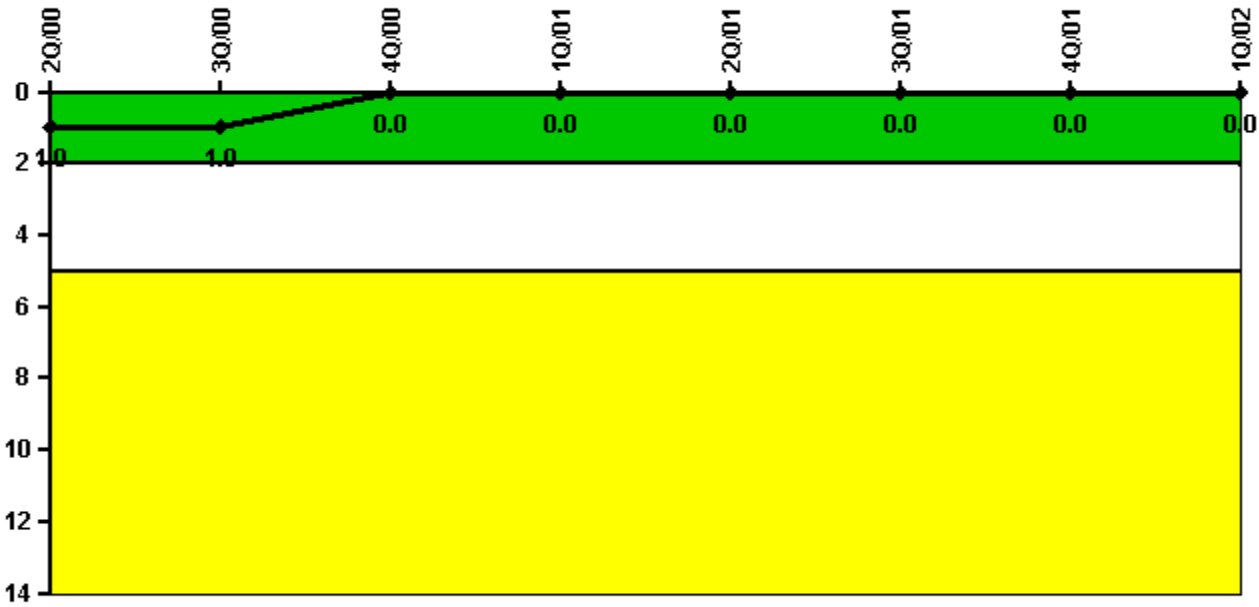
Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	331	283	290	249	288	248	331	250
Total sirens-tests	336	294	294	252	294	252	336	252
Indicator value	98.5%	98.1%	98.1%	98.0%	97.9%	98.4%	98.4%	98.5%

Licensee Comments:

1Q/01: The number of both successful and total number of tests for March was incorrectly reported as 126.

Occupational Exposure Control Effectiveness



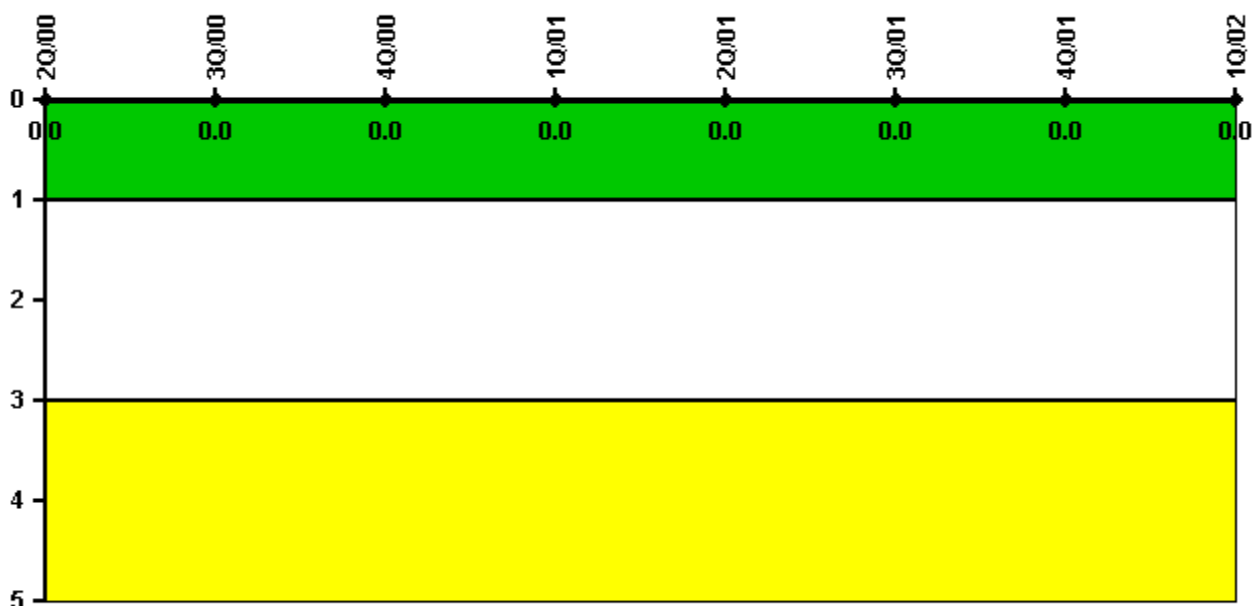
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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	1	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



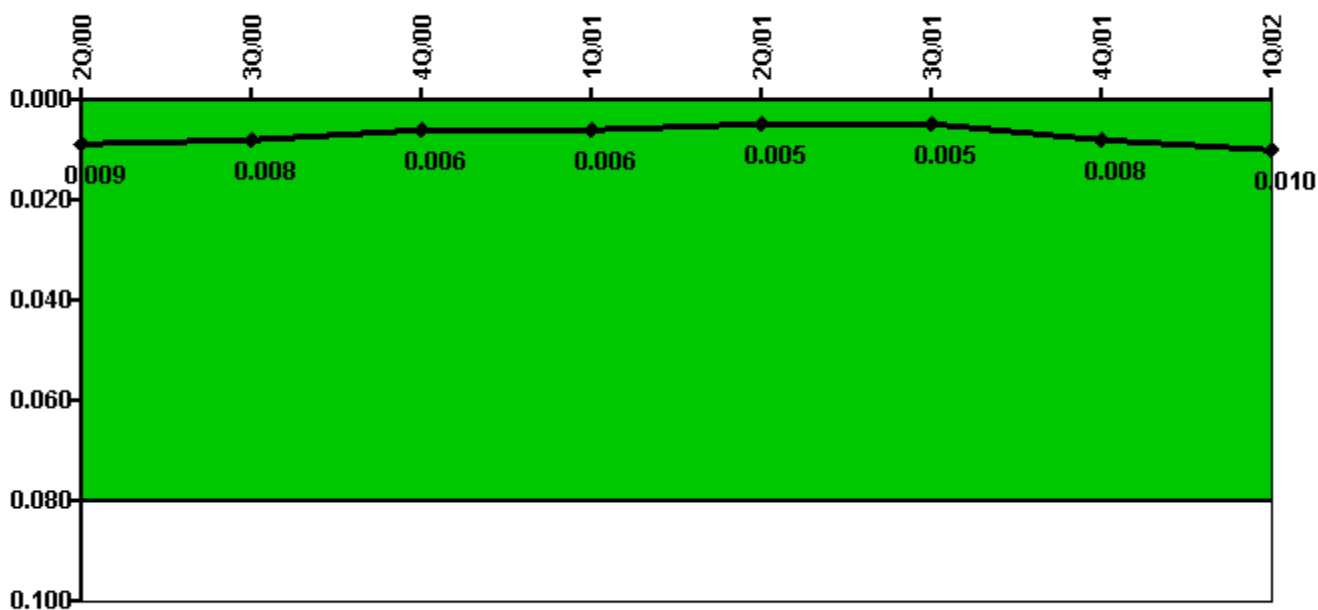
Thresholds: White > 1.0 Yellow > 3.0

Notes

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



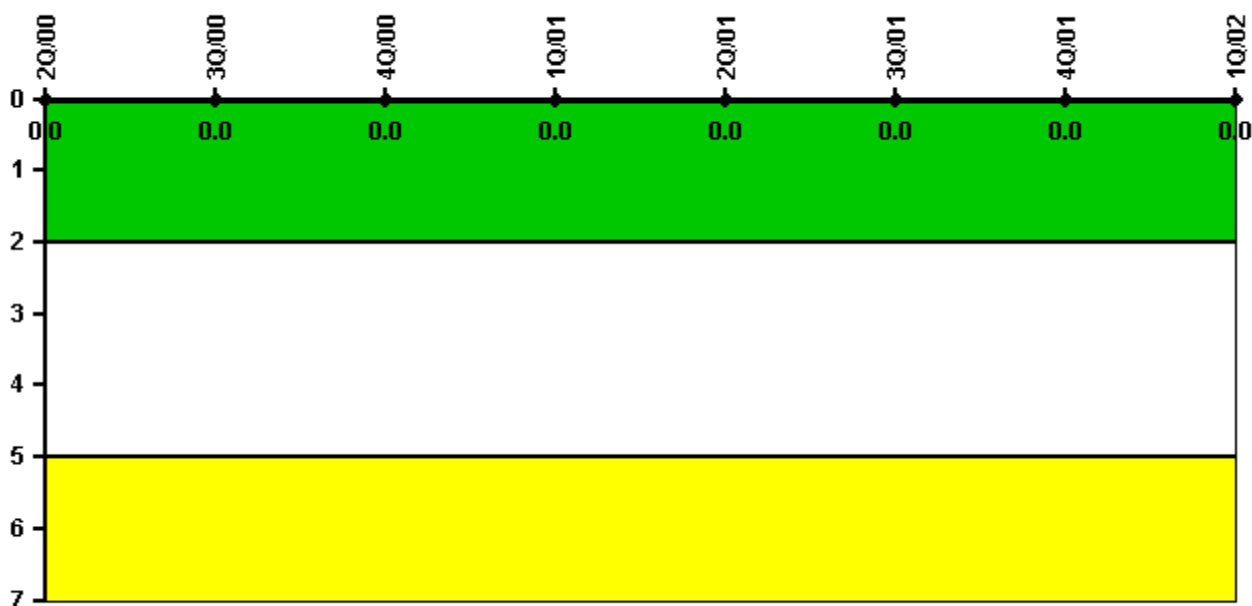
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
IDS compensatory hours	87.10	23.05	29.52	60.31	17.68	32.66	60.00	51.19
CCTV compensatory hours	0	0.8	0	6.9	18.4	4.9	59.0	50.1
IDS normalization factor	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
CCTV normalization factor	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Index Value	0.009	0.008	0.006	0.006	0.005	0.005	0.008	0.010

Licensee Comments: none

Personnel Screening Program



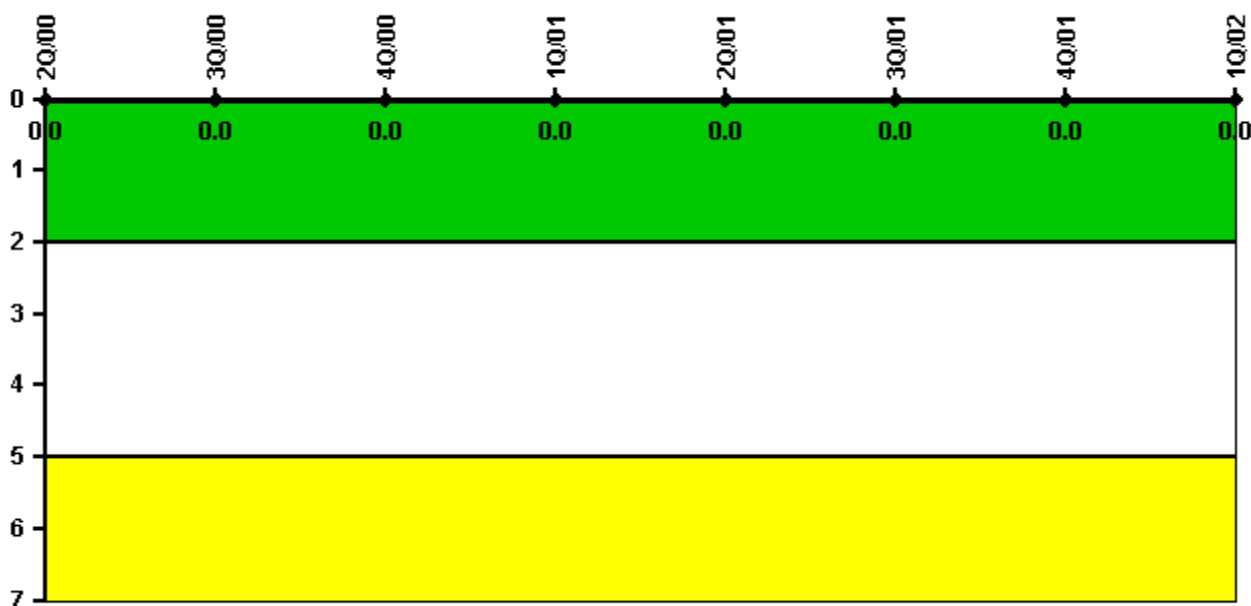
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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](#) | [Reactor Oversight Process](#)

Last Modified: May 1, 2002