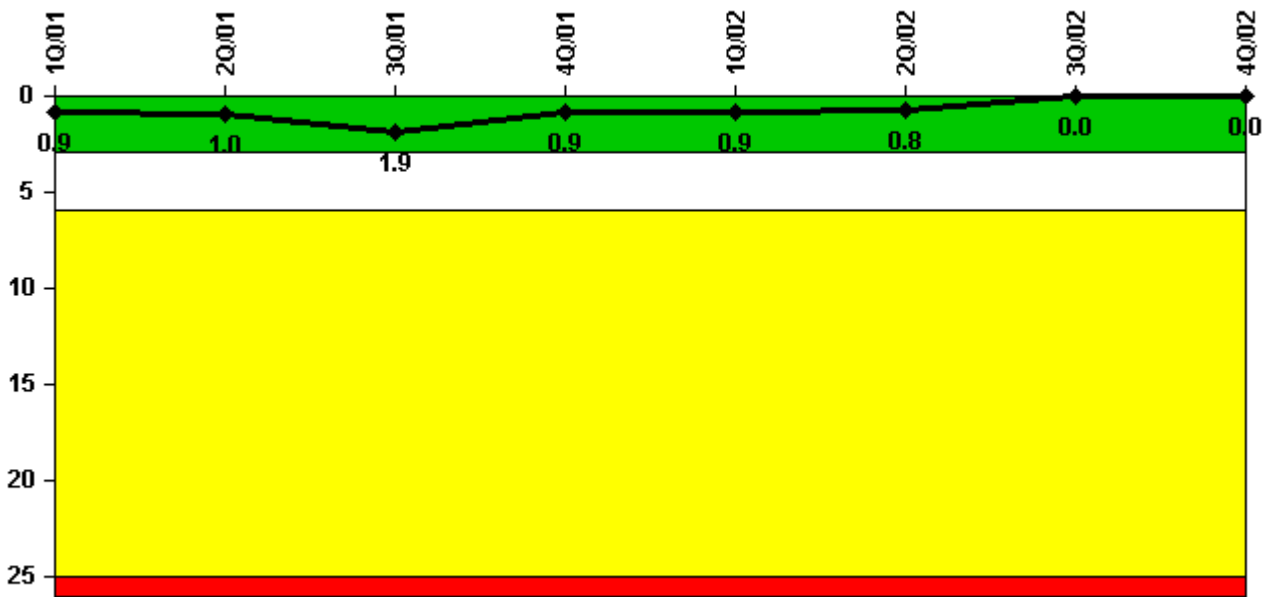


Nine Mile Point 1

4Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



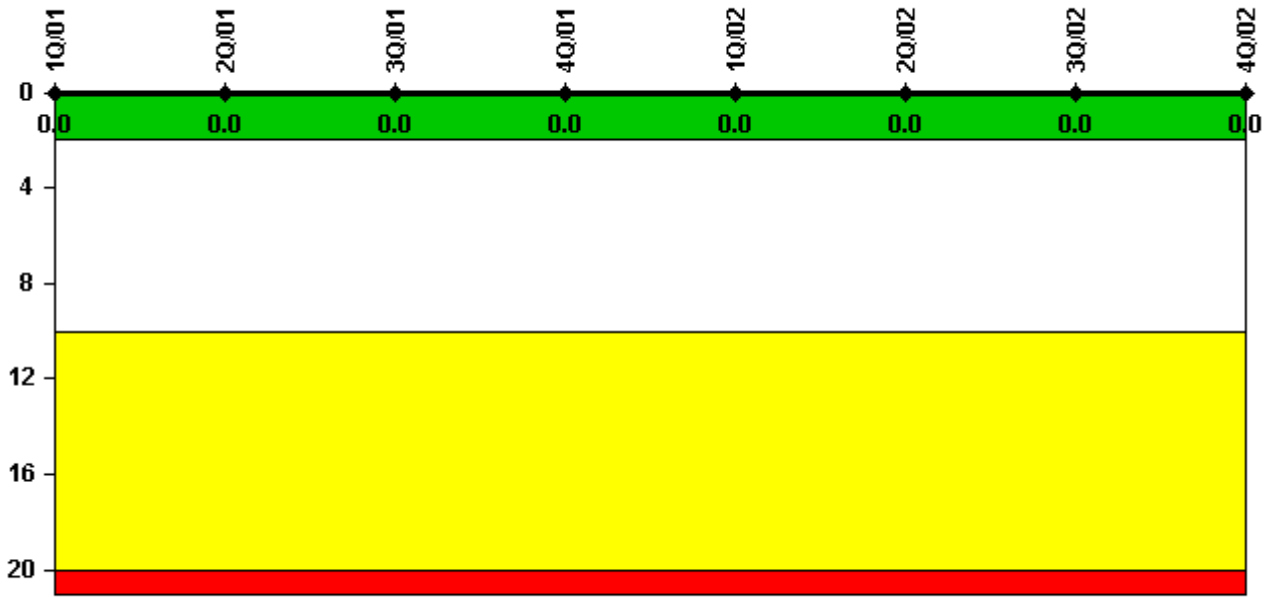
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	1824.9	1345.5	2082.7	2209.0	2160.0	2112.7	2208.0	1784.0
Indicator value	0.9	1.0	1.9	0.9	0.9	0.8	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



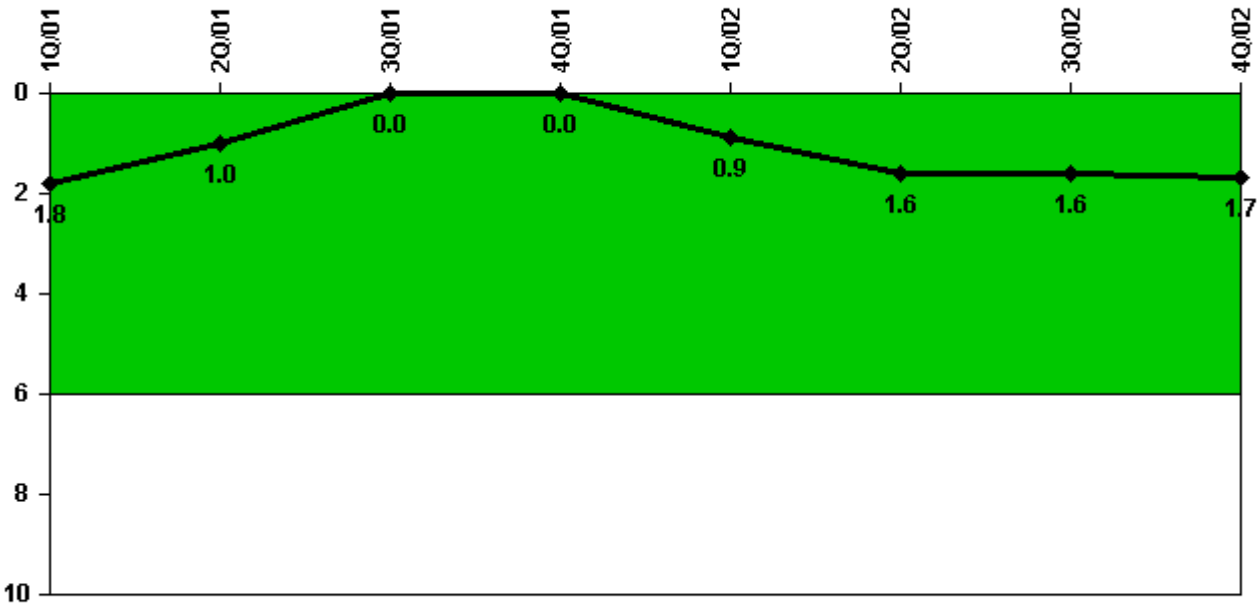
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/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



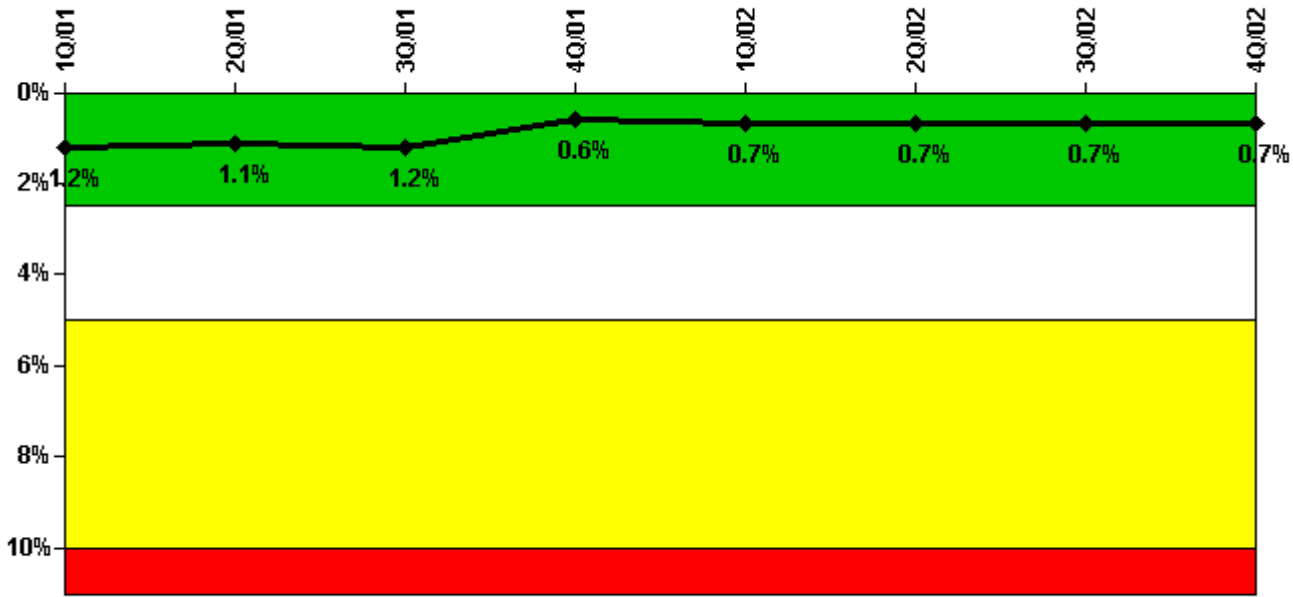
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned power changes	0	0	0	0	1.0	1.0	0	0
Critical hours	1824.9	1345.5	2082.7	2209.0	2160.0	2112.7	2208.0	1784.0
Indicator value	1.8	1.0	0	0	0.9	1.6	1.6	1.7

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



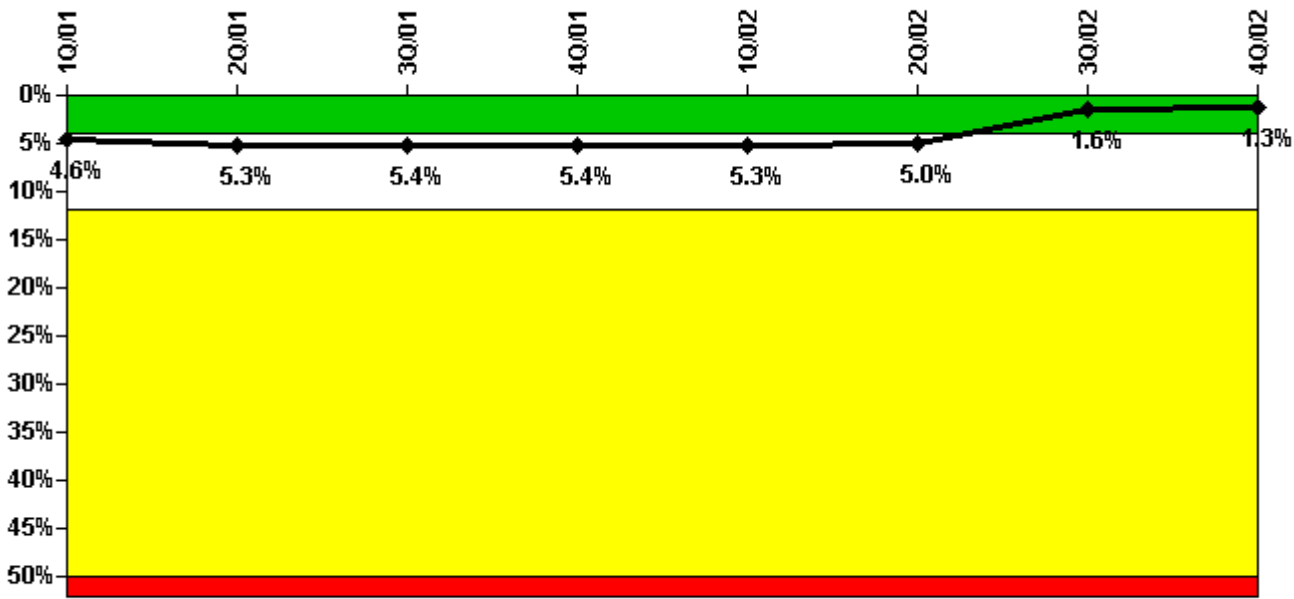
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	1.50	1.33	13.90	35.32	57.18	1.84	37.07	20.06
Unplanned unavailable hours	0	0	0	0	14.83	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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	17.30	0.35	20.62	2.89	20.26	2.24	25.20	1.58
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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	1.2%	1.1%	1.2%	0.6%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	0	0	15.32	0	1.53	12.15	3.42	21.13
Unplanned unavailable hours	0	292.23	0	0	25.65	0	0	0
Fault exposure hours	1664.64	9.42	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	1616.54	0
Required hours	1824.90	1345.50	2082.70	2209.00	2160.00	2112.72	2208.00	1784.00
Train 2								
Planned unavailable hours	0	0	31.28	0	0	2.87	9.88	37.85
Unplanned unavailable hours	0	0	0	0	0	0	0	11.45
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1824.90	1345.50	2082.70	2209.00	2160.00	2112.72	2208.00	1784.00
Indicator value	4.6%	5.3%	5.4%	5.4%	5.3%	5.0%	1.6%	1.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System

**Thresholds
under
development /
review**

Notes

Safety System Unavailability, Heat Removal System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/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								

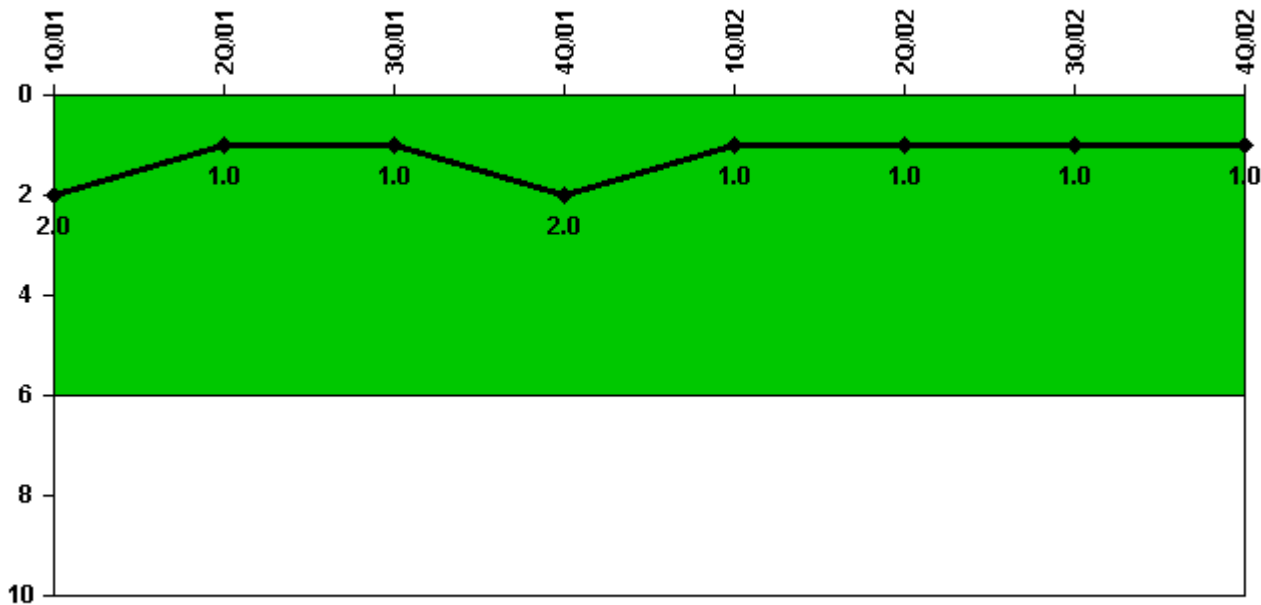
Licensee Comments: none

Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 6								
Planned unavailable hours	0	34.03	0	0	1.33	9.33	15.03	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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 7								
Planned unavailable hours	0	33.88	0	0	13.12	0	15.03	0
Unplanned unavailable hours	10.58	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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	1.4%	1.3%	1.2%	1.2%	1.1%	1.1%	1.0%	1.1%

Licensee Comments:

4Q/02: Containment spray train 1 incurred 40.95 hours of T/2 fault exposure unavailability in the fourth quarter 2002

Safety System Functional Failures (BWR)



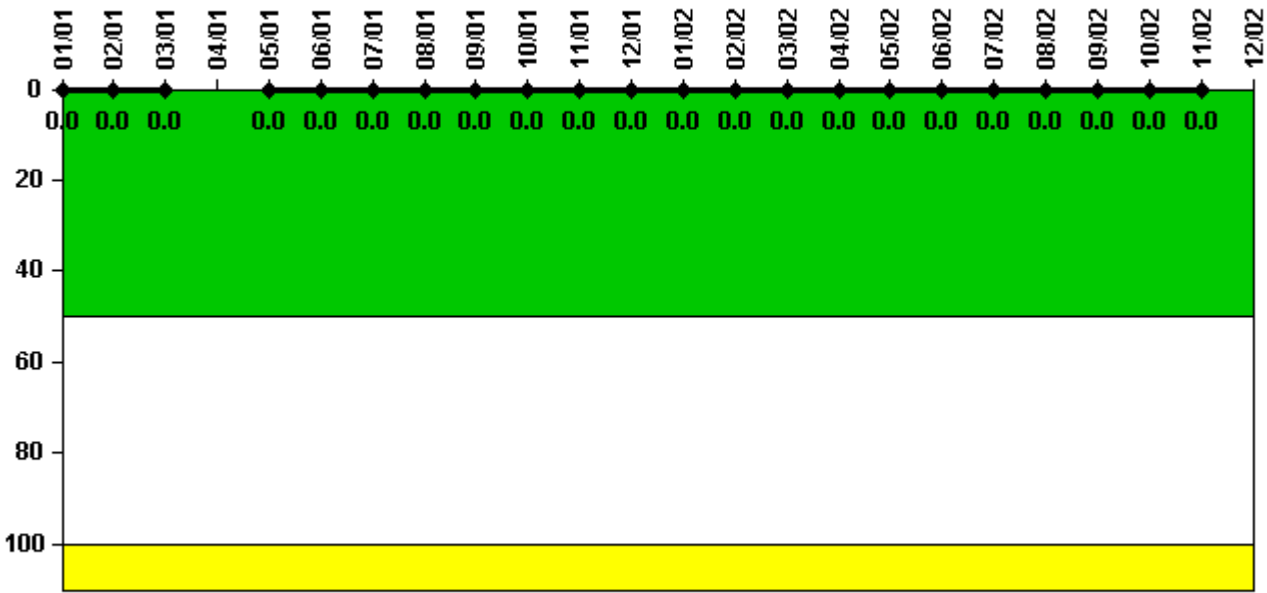
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

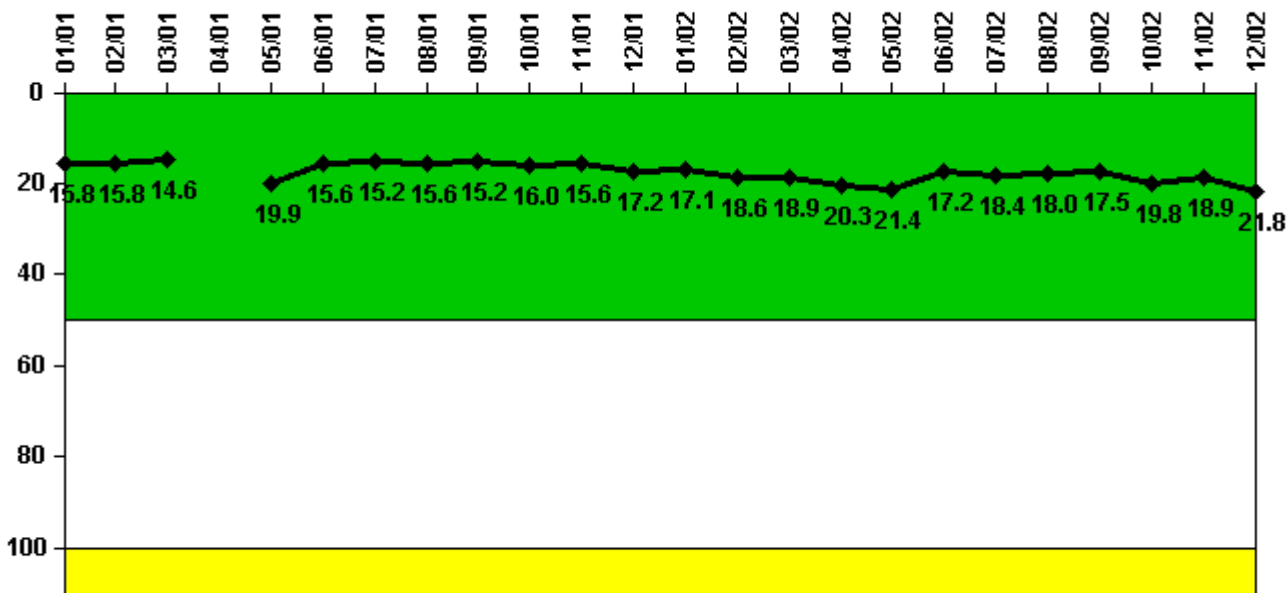
Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.000515	0.000420	0.000450	N/A	0.000288	0.000455	0.000407	0.000459	0.000471	0.000633	0.001010	0.000521
Technical specification limit	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
Indicator value	0	0	0	N/A	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.000355	0.000303	0.000230	0.000221	0.000571	0.000472	0.000188	0.000197	0.000196	0.000204	0.000140	N/A
Technical specification limit	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
Indicator value	0	0	0	0	0	0	0	0	0	0	0	N/A

Licensee Comments:

12/02: N/A reported for December 2002.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

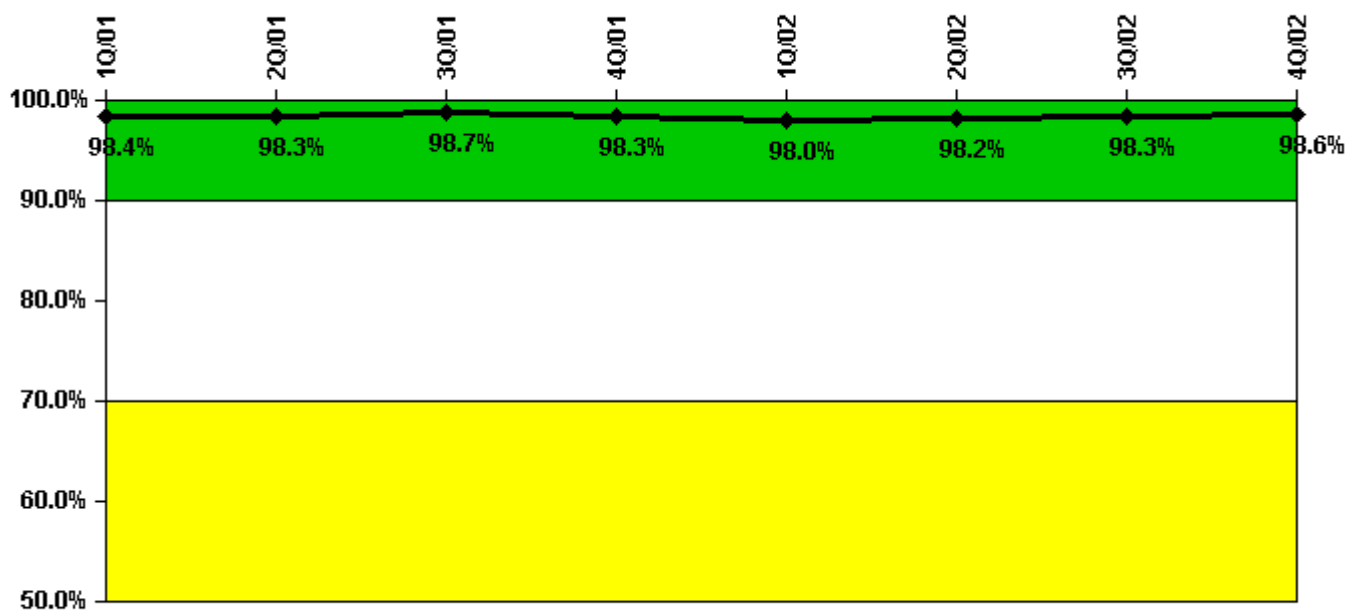
Notes

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	3.940	3.940	3.650	N/A	4.970	3.890	3.800	3.900	3.800	4.000	3.900	4.300
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	15.8	15.8	14.6	N/A	19.9	15.6	15.2	15.6	15.2	16.0	15.6	17.2

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	4.270	4.640	4.720	5.070	5.340	4.290	4.600	4.490	4.370	4.940	4.730	5.440
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	17.1	18.6	18.9	20.3	21.4	17.2	18.4	18.0	17.5	19.8	18.9	21.8

Licensee Comments: none

Drill/Exercise Performance



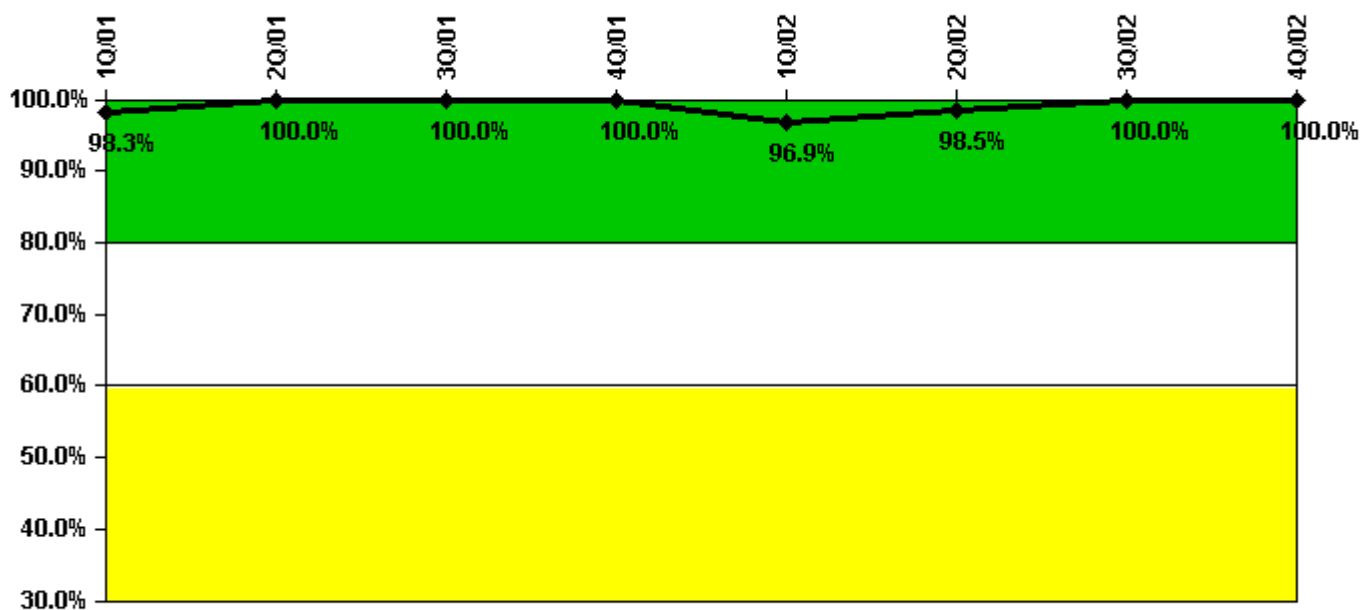
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	3.0	45.0	56.0	29.0	17.0	87.0	42.0	62.0
Total opportunities	4.0	46.0	56.0	30.0	18.0	88.0	42.0	62.0
Indicator value	98.4%	98.3%	98.7%	98.3%	98.0%	98.2%	98.3%	98.6%

Licensee Comments: none

ERO Drill Participation



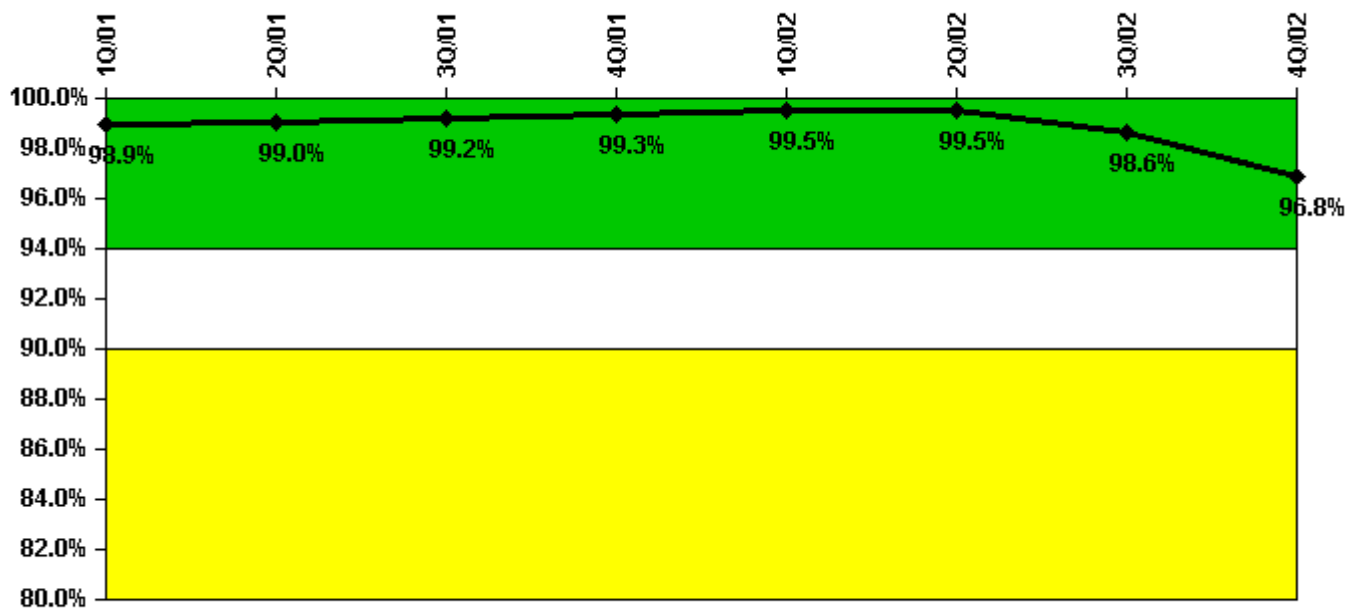
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Participating Key personnel	57.0	58.0	60.0	62.0	63.0	66.0	68.0	68.0
Total Key personnel	58.0	58.0	60.0	62.0	65.0	67.0	68.0	68.0
Indicator value	98.3%	100.0%	100.0%	100.0%	96.9%	98.5%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



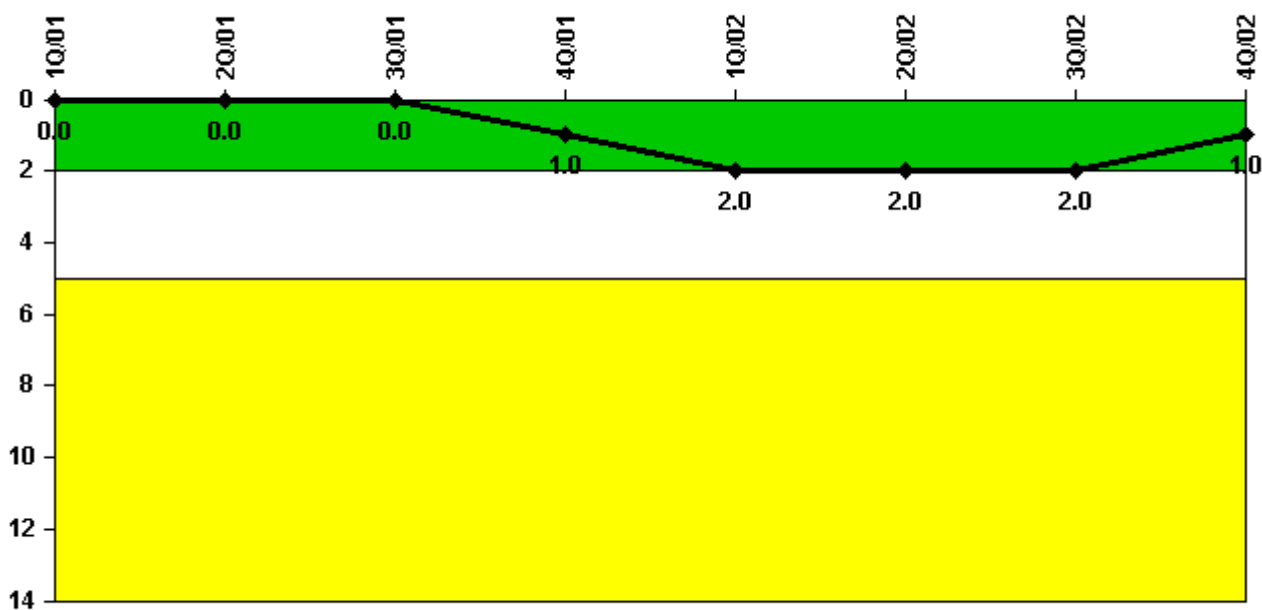
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful siren-tests	621	660	516	555	515	512	570	517
Total sirens-tests	629	666	518	555	518	518	592	555
Indicator value	98.9%	99.0%	99.2%	99.3%	99.5%	99.5%	98.6%	96.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



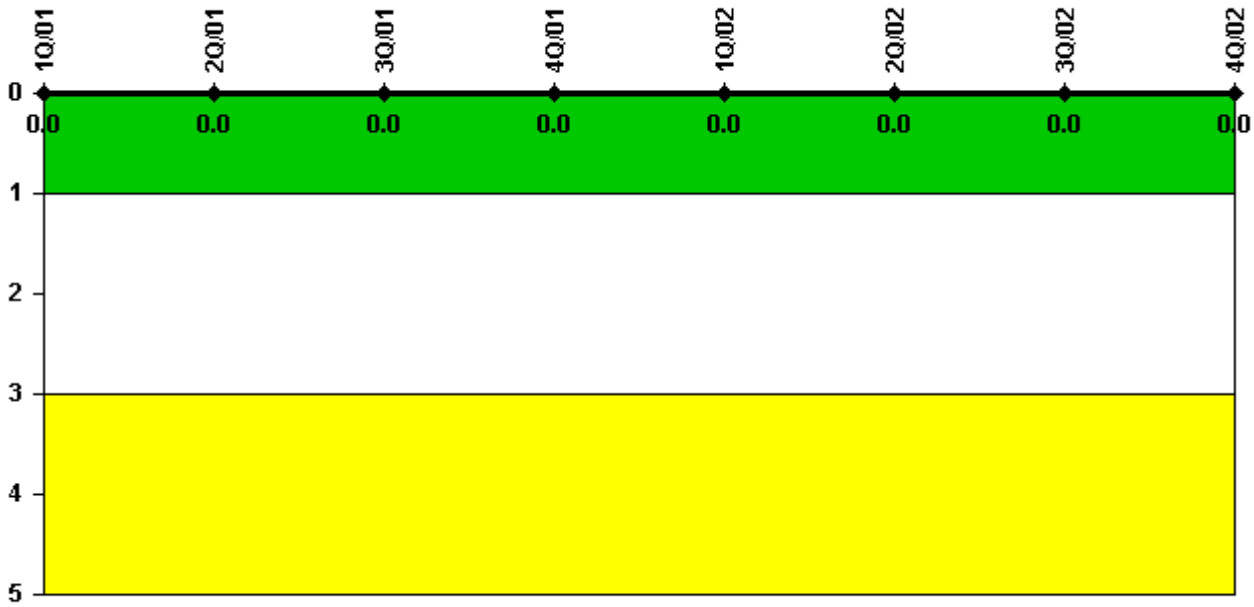
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
High radiation area occurrences	0	0	0	1	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	1	0	0	0
Indicator value	0	0	0	1	2	2	2	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



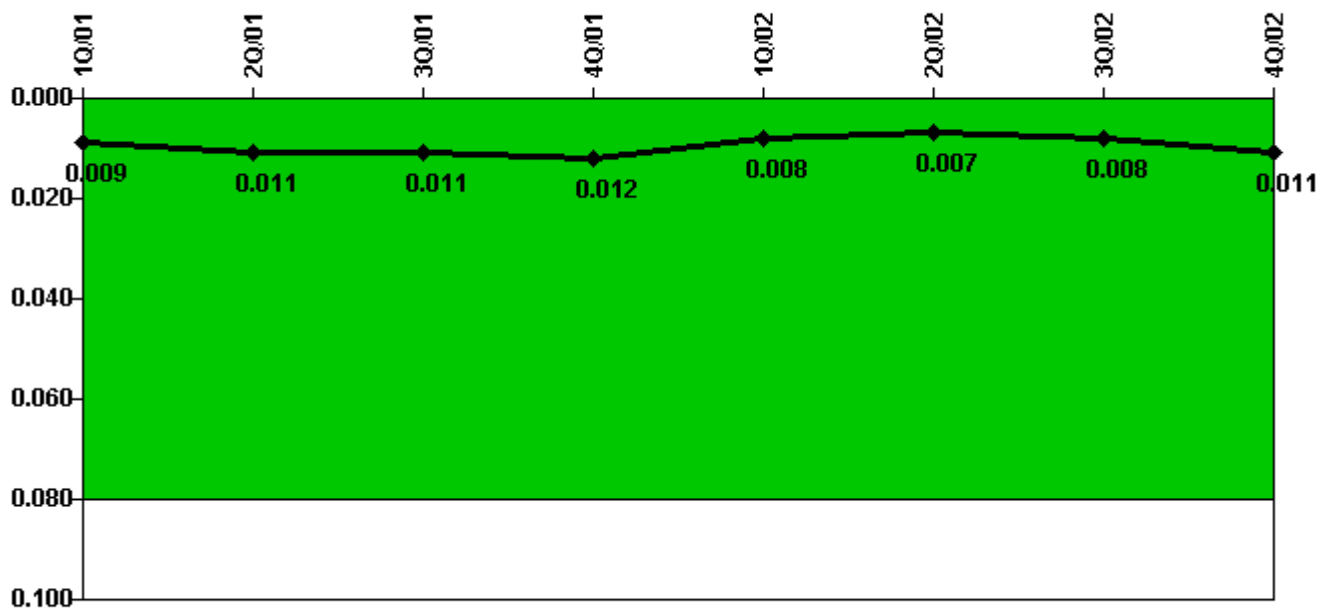
Thresholds: White > 1.0 Yellow > 3.0

Notes

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



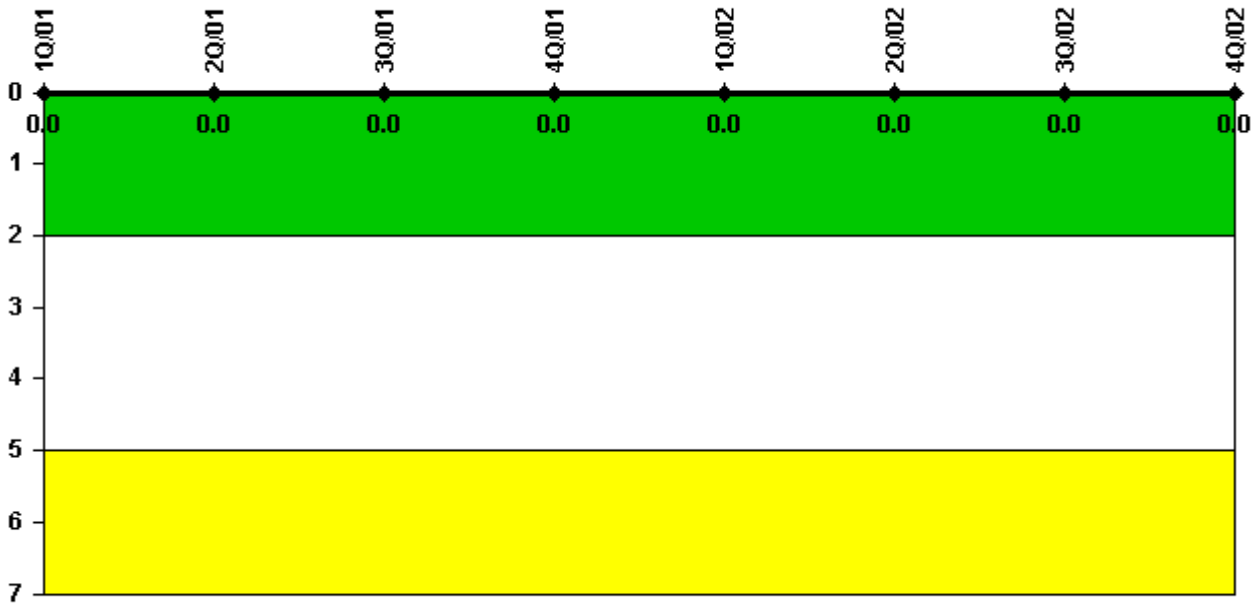
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
IDS compensatory hours	149.50	133.20	12.40	50.20	43.40	96.30	60.40	132.80
CCTV compensatory hours	0	8.1	0	0.5	0	0	0	0
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Index Value	0.009	0.011	0.011	0.012	0.008	0.007	0.008	0.011

Licensee Comments: none

Personnel Screening Program



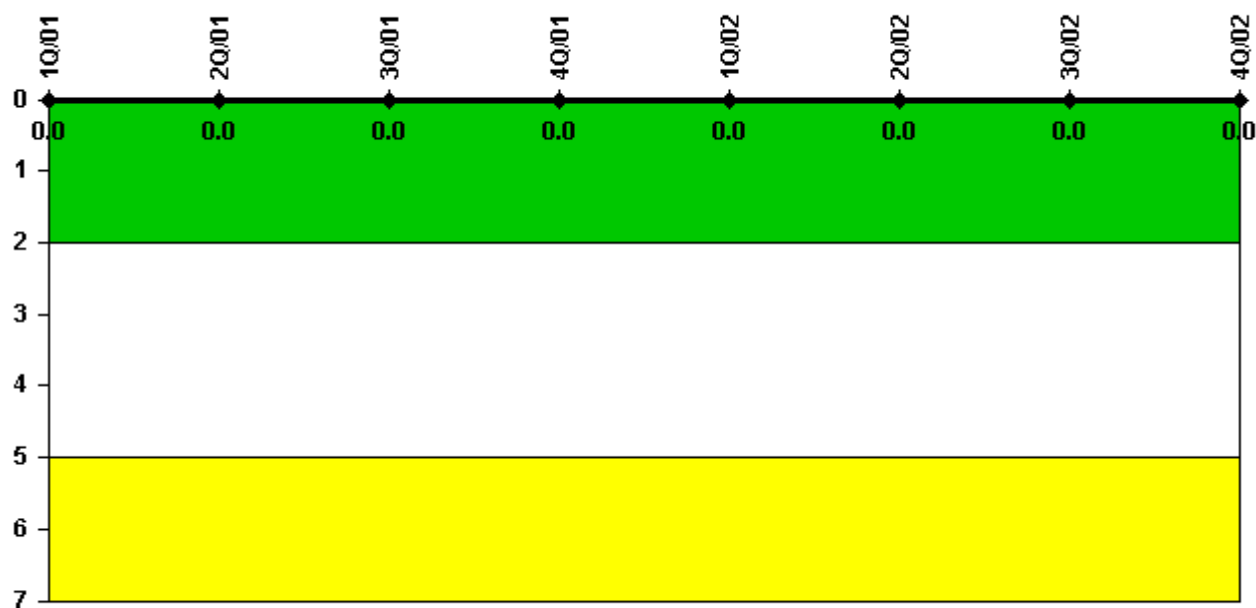
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/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	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/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: January 30, 2003