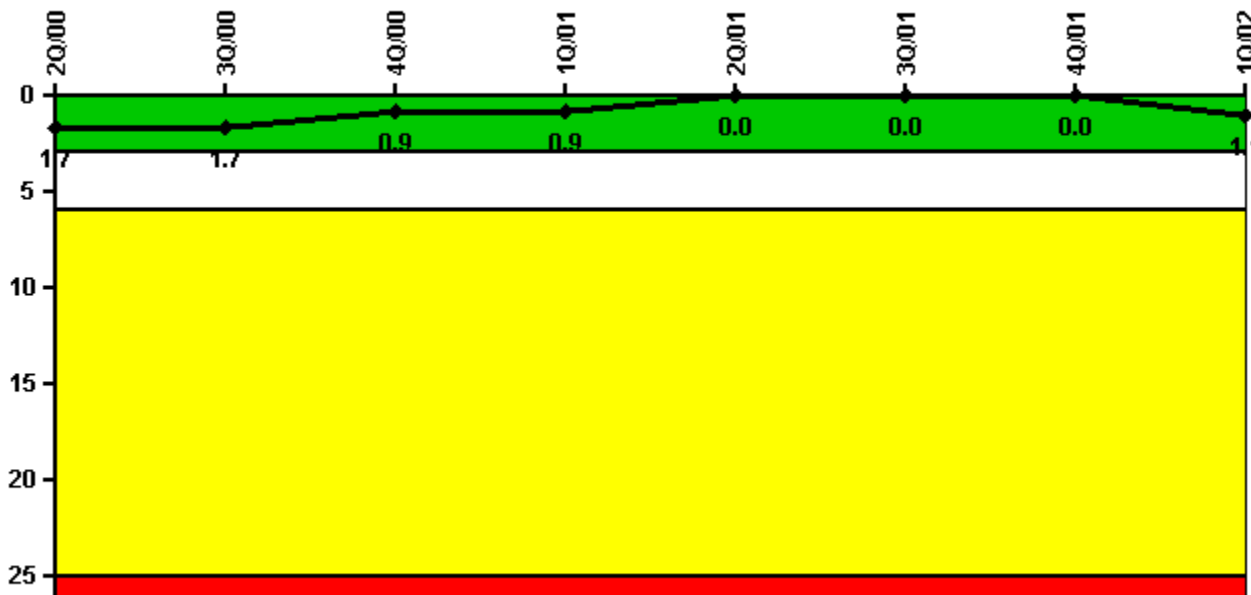


Harris 1

1Q/2002 Performance Indicators

Licensee's General Comments: A change was made to Q3/2001 for RHR Train 1 planned unavailable hours. There was no impact on the performance indicator.

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	1.0	0	0	0	0	0	0	1.0
Critical hours	1526.7	2208.0	2209.0	2160.0	2183.0	1992.2	7.5	2142.3
Indicator value	1.7	1.7	0.9	0.9	0	0	0	1.1

Licensee Comments:

1Q/02: Manual Reactor Trip on 01/02/02, due to loss of control of "C" Feed Reg Valve Bypass Valve (1FW-198). LER 02-01.

Scrams with Loss of Normal Heat Removal



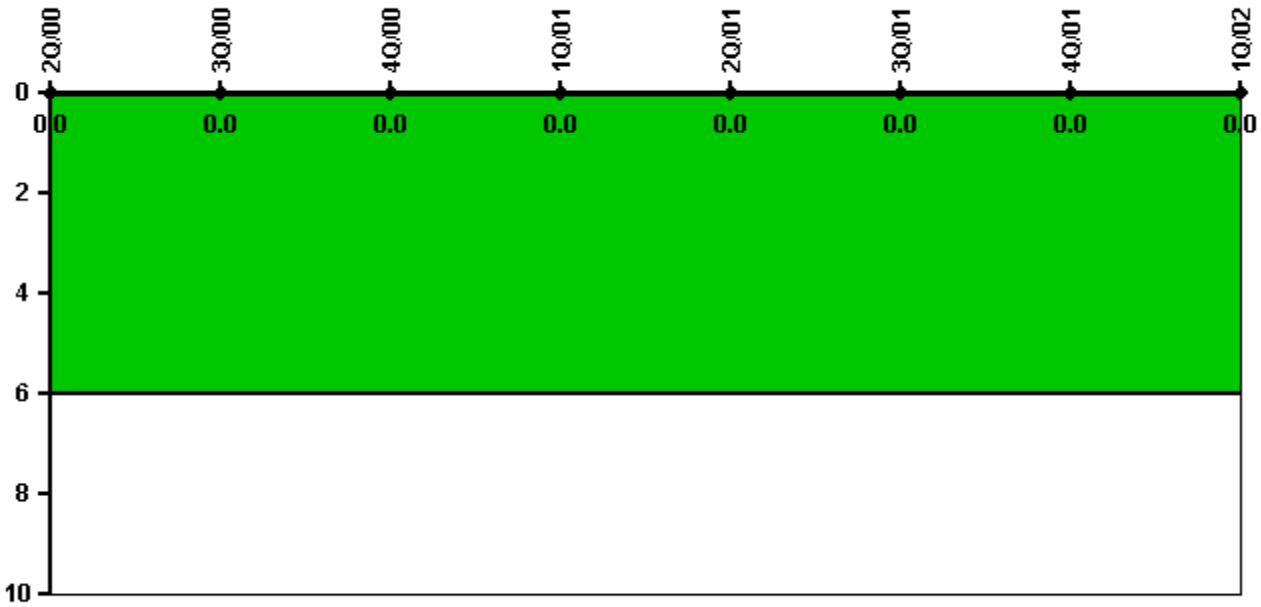
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



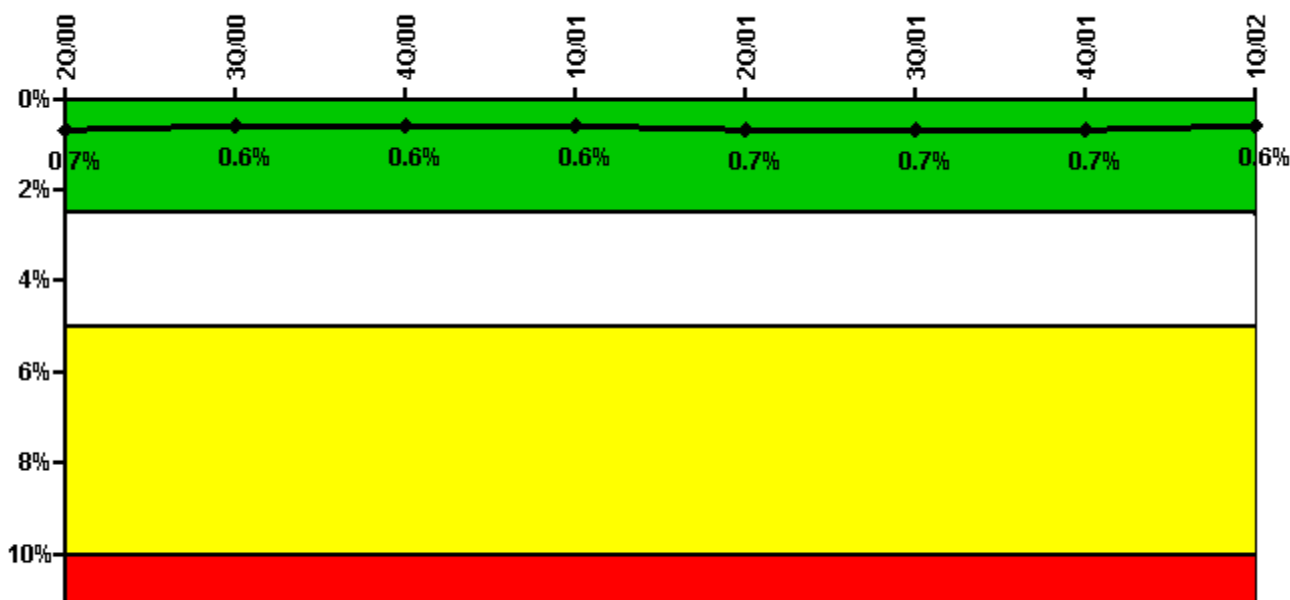
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1526.7	2208.0	2209.0	2160.0	2183.0	1992.2	7.5	2142.3
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



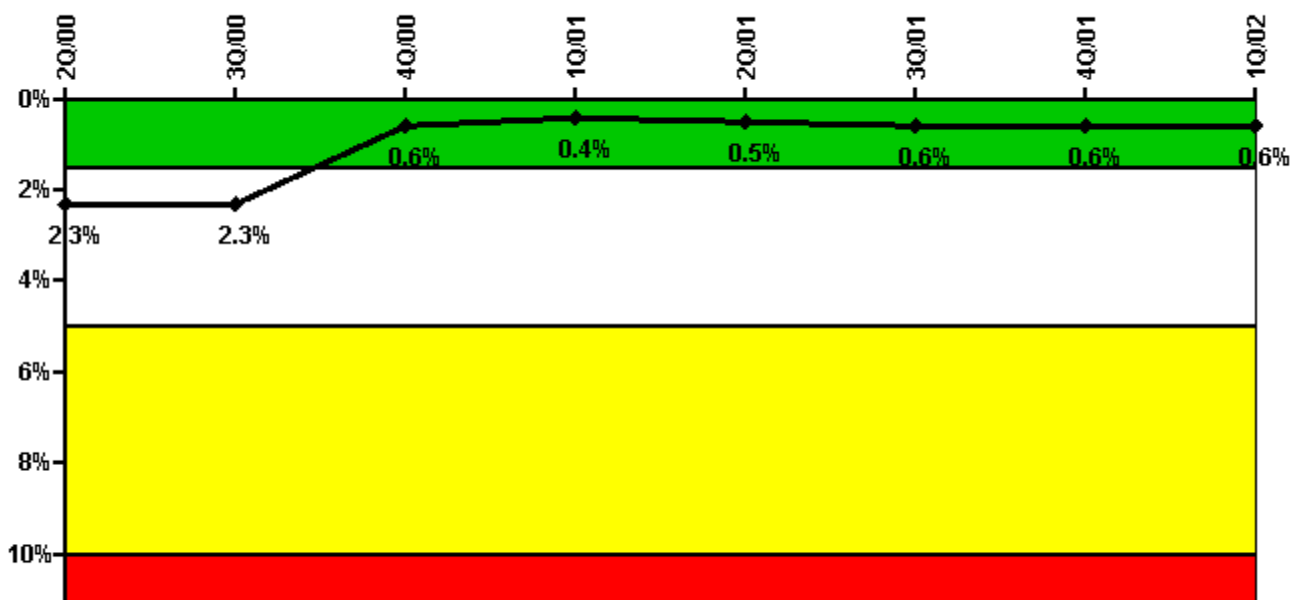
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	2.20	19.85	3.01	15.84	3.49	21.09	1.22	16.98
Unplanned unavailable hours	2.00	0	0.32	6.50	0.20	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	1881.50	2208.00	2209.00	2160.00	2183.00	2005.50	837.57	2160.00
Train 2								
Planned unavailable hours	28.50	7.84	2.51	35.63	12.93	1.78	0	14.29
Unplanned unavailable hours	2.80	0	0.75	1.47	9.26	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	1942.80	2208.00	2209.00	2160.00	2183.00	2208.00	727.97	2160.00
Indicator value	0.7%	0.6%	0.6%	0.6%	0.7%	0.7%	0.7%	0.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



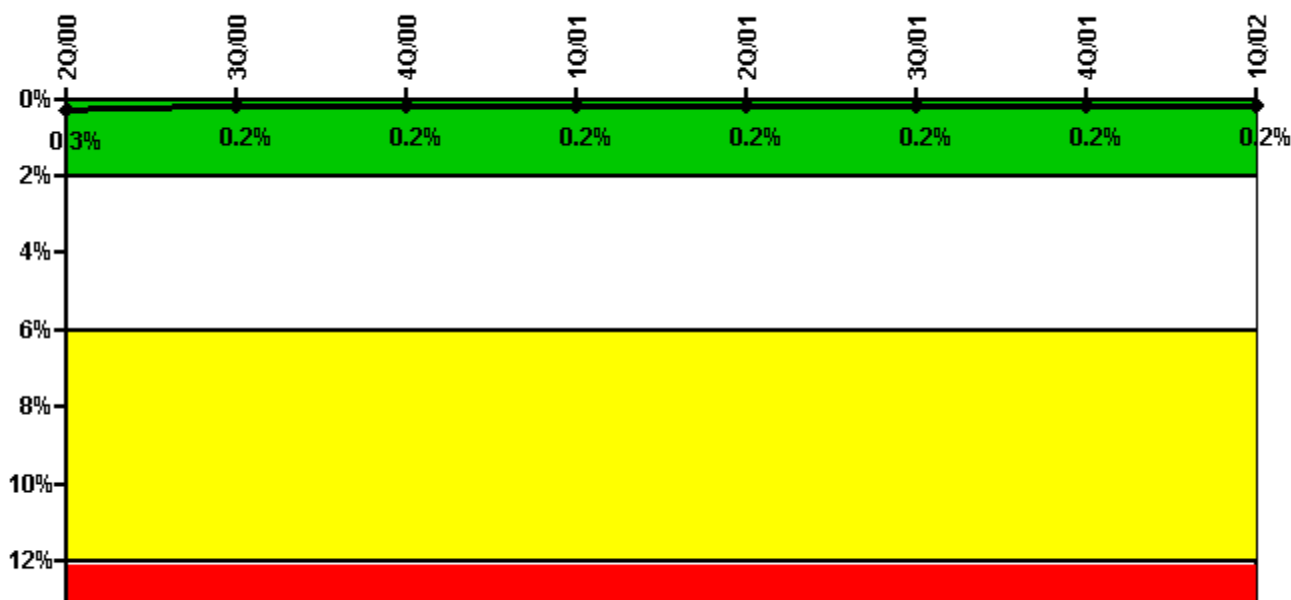
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0.45	7.03	0.47	10.45	25.40	36.36	0	24.41
Unplanned unavailable hours	0	0	0	0	0	0	0	10.45
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	485.93	0	842.84	0	0	0	0	0
Required hours	1832.00	2208.00	2209.00	2160.00	2183.00	2005.50	108.28	2160.00
Train 2								
Planned unavailable hours	0.25	4.75	7.47	9.65	30.65	8.52	0	10.51
Unplanned unavailable hours	0	0	0	0	8.95	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	97.05	0	0	0	0
Required hours	1832.00	2208.00	2209.00	2160.00	2183.00	2005.50	108.28	2160.00
Indicator value	2.3%	2.3%	0.6%	0.4%	0.5%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



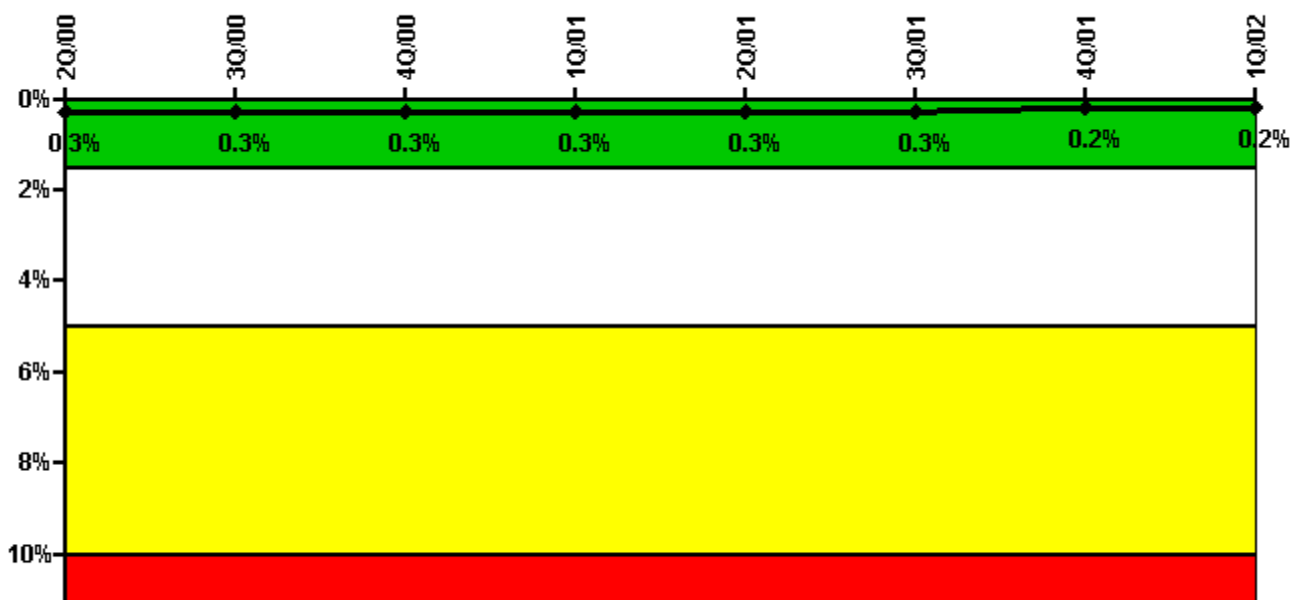
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	9.00	0	0	0	1.17	0	0	0
Unplanned unavailable hours	0	0	0	0	4.27	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	1589.88	2208.00	2209.00	2160.00	2183.00	1996.72	68.72	2160.00
Train 2								
Planned unavailable hours	0	0	5.60	0	0	3.38	0	0
Unplanned unavailable hours	0	0	0	0	1.38	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	1589.88	2208.00	2209.00	2160.00	2183.00	1996.72	68.72	2160.00
Train 3								
Planned unavailable hours	8.25	10.92	0.47	0	6.83	8.47	0	11.67
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	1589.88	2208.00	2209.00	2160.00	2183.00	1996.72	68.72	2160.00
Indicator value	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

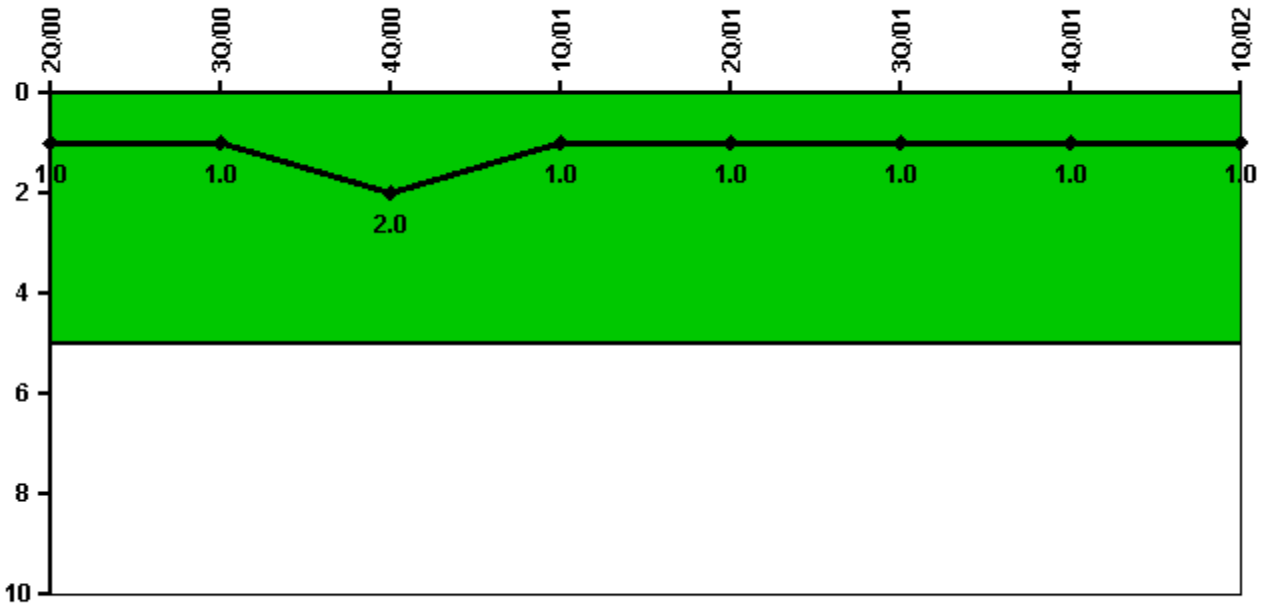
Notes

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	10.50	8.00	5.20	0	8.70	0	4.20
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	2035.00	2208.00	2209.00	2160.00	2183.00	2208.00	726.75	2160.00
Train 2								
Planned unavailable hours	3.70	0	3.00	0	1.20	8.30	0	4.40
Unplanned unavailable hours	0	0	0	0	0	3.70	0	0
Fault exposure hours	0	0	0	0	0	7.70	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2035.00	2208.00	2209.00	2160.00	2183.00	2208.00	726.75	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%

Licensee Comments:

3Q/01: An investigation is currently underway that may require a revision to the hours reported for 1A-SA RHR Train for the current and previous quarters. Correction submitted with March data: Added 4.7 additional planned unavailability hours for Train 1 for July 2001 due to MOV preventive maintenance on the CCW system.

Safety System Functional Failures (PWR)



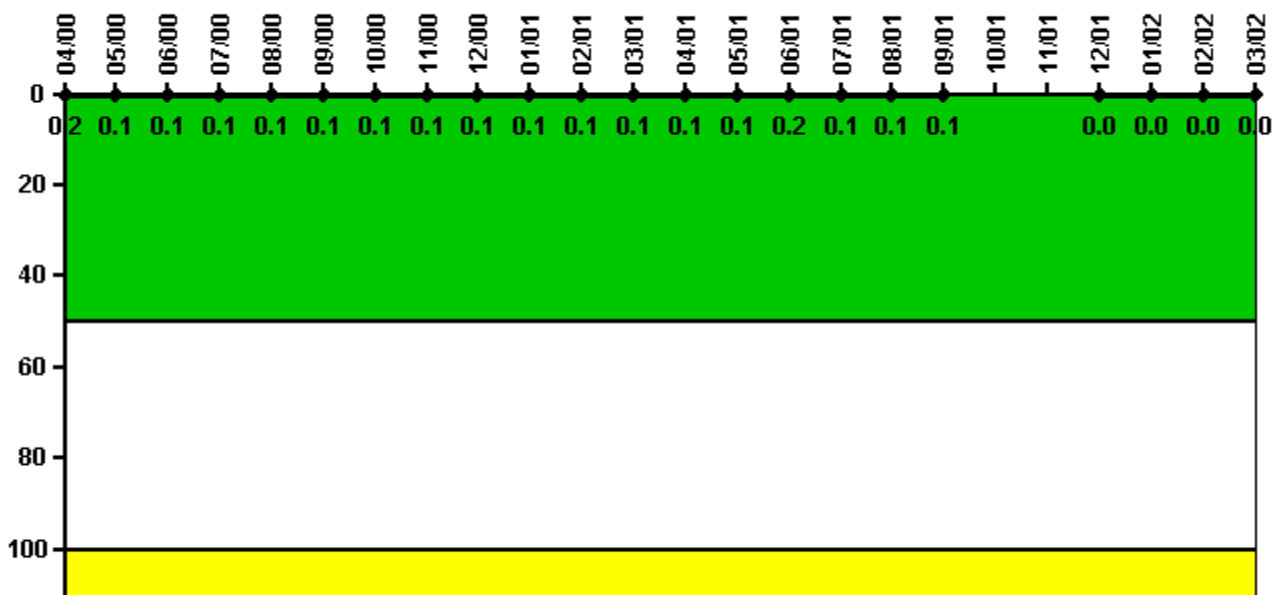
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Safety System Functional Failures	0	0	1	0	0	0	1	0
Indicator value	1	1	2	1	1	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

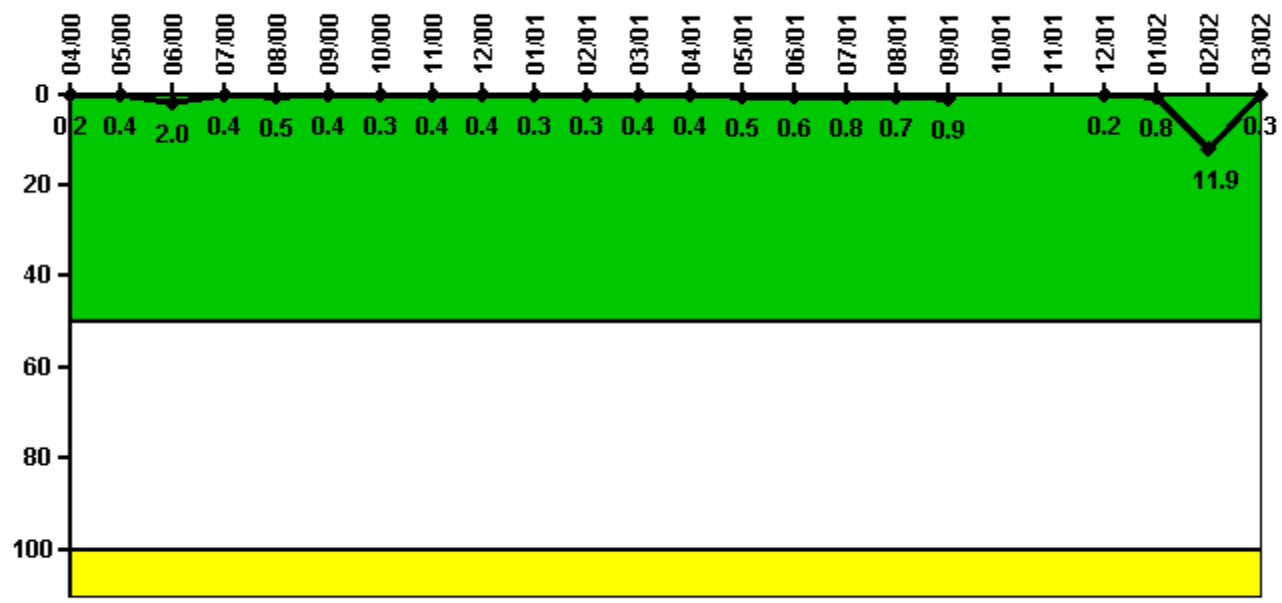
Notes

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	0.002300	0.000587	0.001428	0.000636	0.000671	0.000669	0.000716	0.000728	0.000749	0.000779	0.000791	0.000820
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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

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	0.000837	0.000939	0.002140	0.001430	0.001323	0.001280	N/A	N/A	0	0.000126	0.000197	0.000185
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	0.2	0.1	0.1	0.1	N/A	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

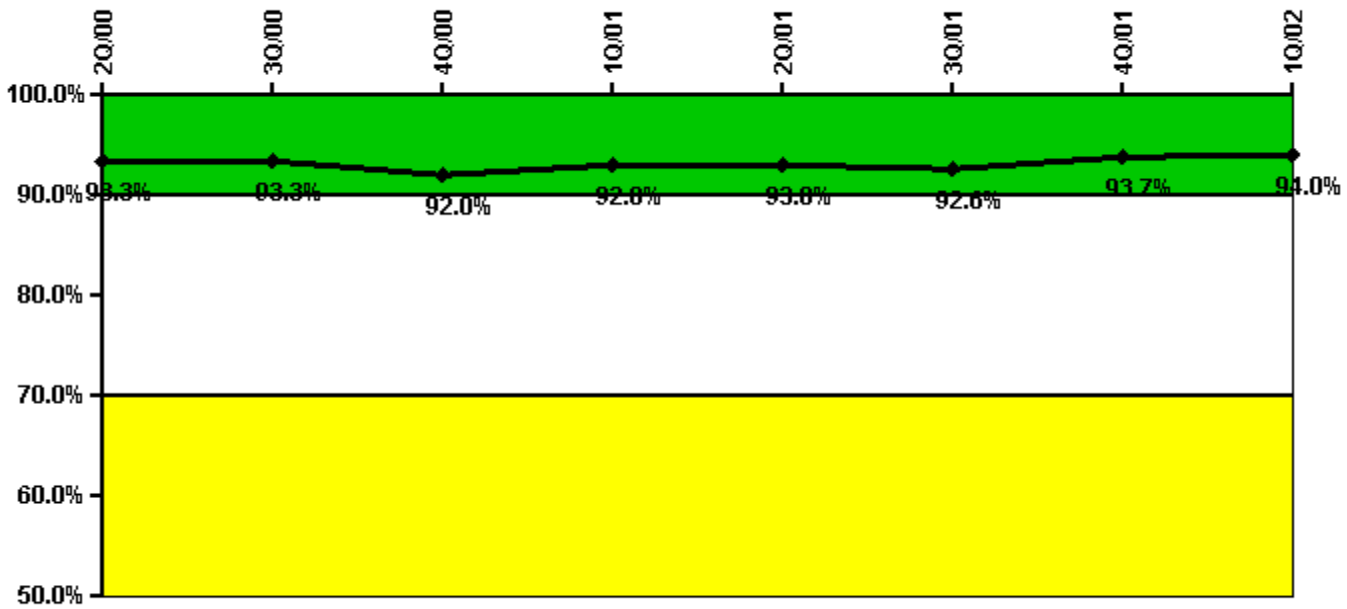
Notes

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	0.020	0.040	0.200	0.040	0.050	0.040	0.030	0.040	0.040	0.030	0.030	0.040
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	0.2	0.4	2.0	0.4	0.5	0.4	0.3	0.4	0.4	0.3	0.3	0.4

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	0.040	0.050	0.060	0.080	0.070	0.090	N/A	N/A	0.020	0.080	1.190	0.030
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	0.4	0.5	0.6	0.8	0.7	0.9	N/A	N/A	0.2	0.8	11.9	0.3

Licensee Comments: none

Drill/Exercise Performance



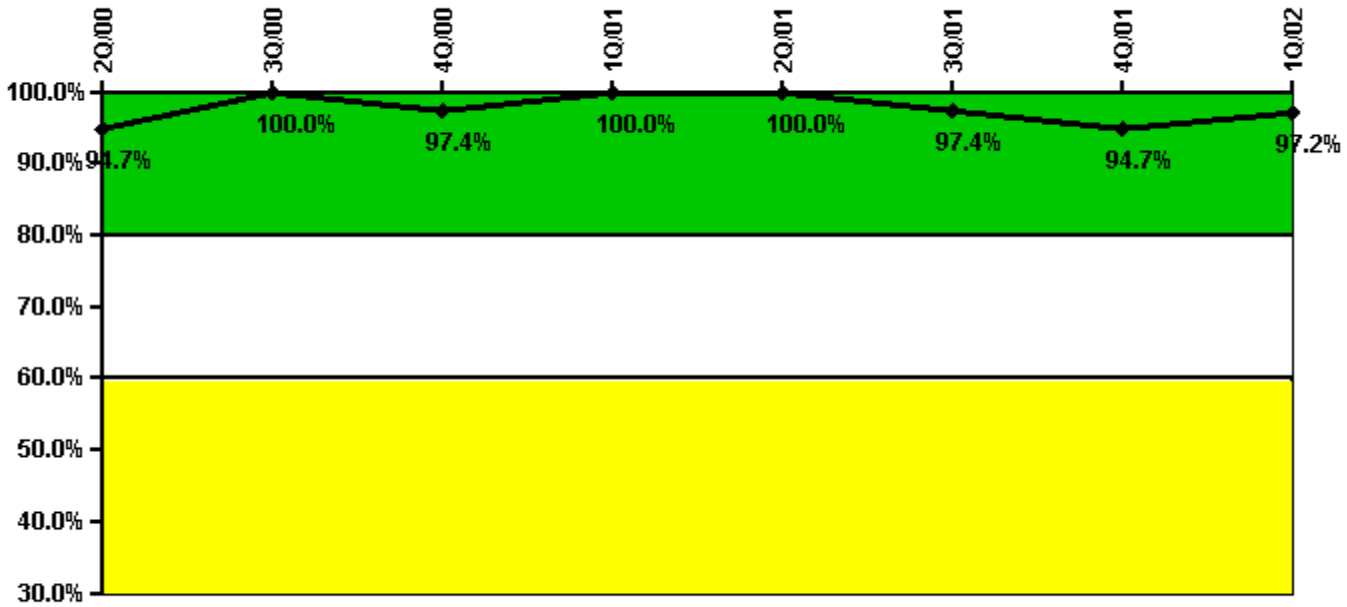
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	37.0	13.0	5.0	34.0	26.0	4.0	2.0	52.0
Total opportunities	38.0	14.0	9.0	34.0	26.0	4.0	2.0	57.0
Indicator value	93.3%	93.3%	92.0%	92.8%	93.0%	92.6%	93.7%	94.0%

Licensee Comments: none

ERO Drill Participation



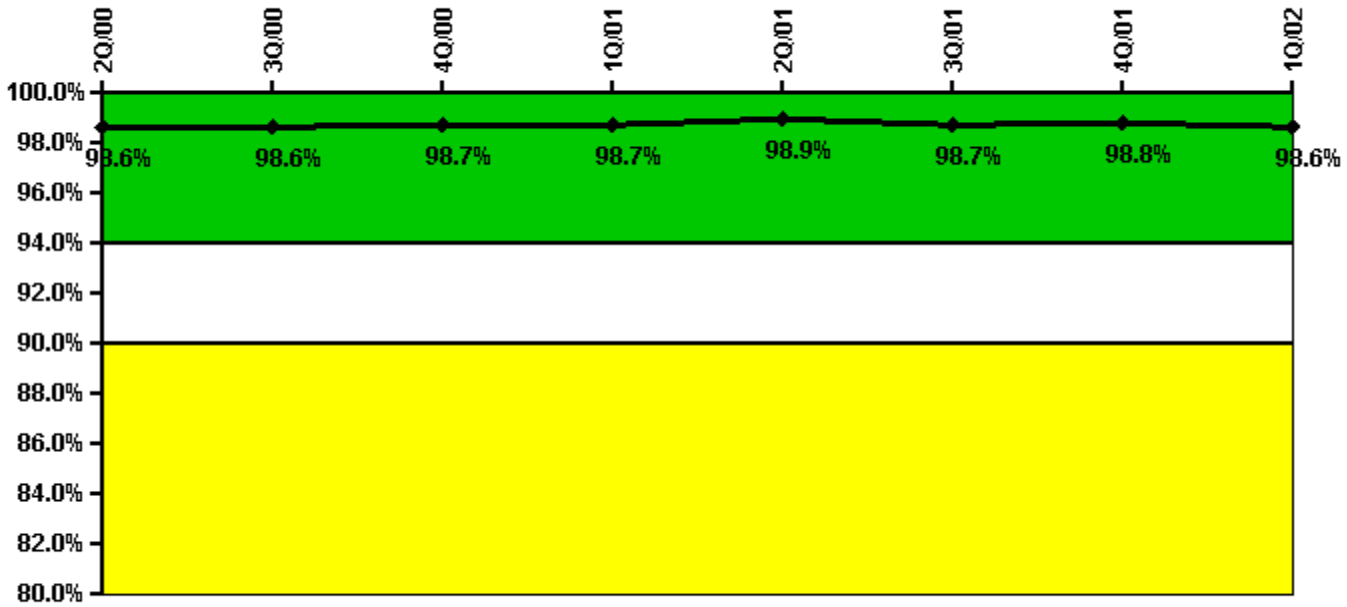
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	54.0	40.0	37.0	37.0	37.0	37.0	36.0	35.0
Total Key personnel	57.0	40.0	38.0	37.0	37.0	38.0	38.0	36.0
Indicator value	94.7%	100.0%	97.4%	100.0%	100.0%	97.4%	94.7%	97.2%

Licensee Comments: none

Alert & Notification System



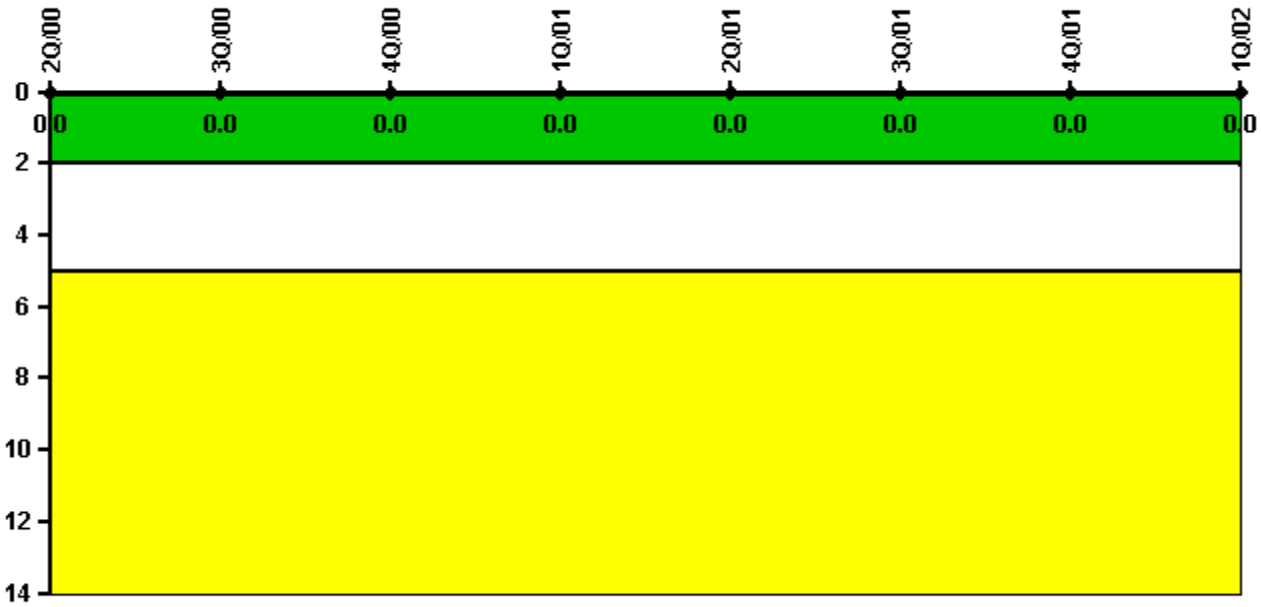
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	554	640	559	645	559	594	682	642
Total sirens-tests	567	648	567	648	567	607	689	648
Indicator value	98.6%	98.6%	98.7%	98.7%	98.9%	98.7%	98.8%	98.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



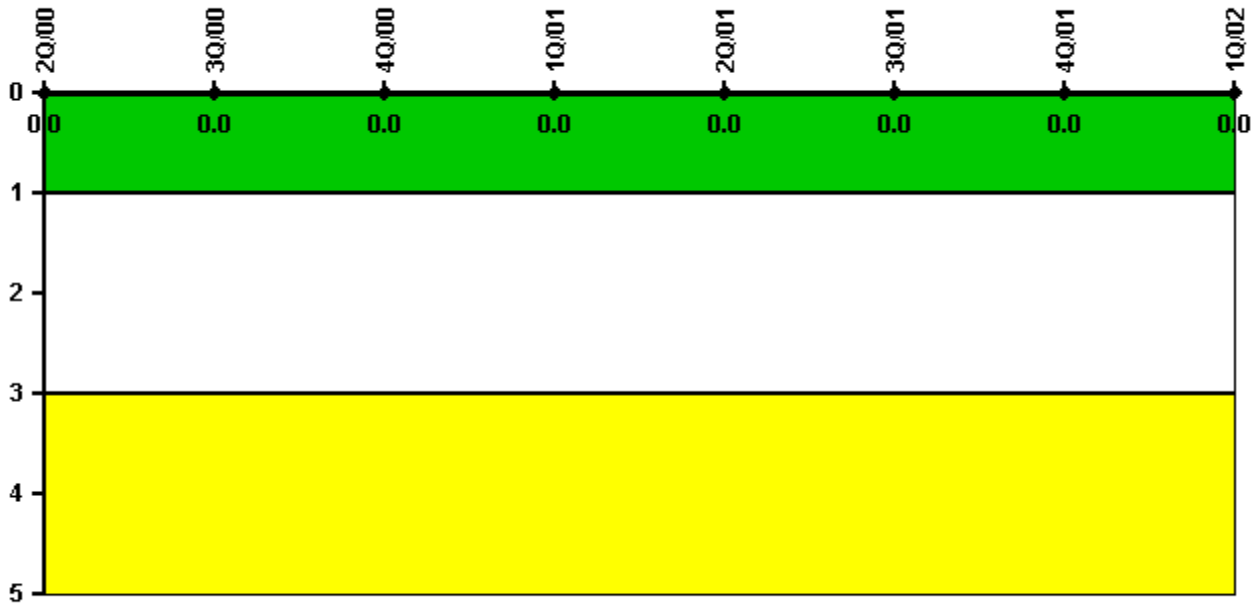
Thresholds: White > 2.0 Yellow > 5.0

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	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



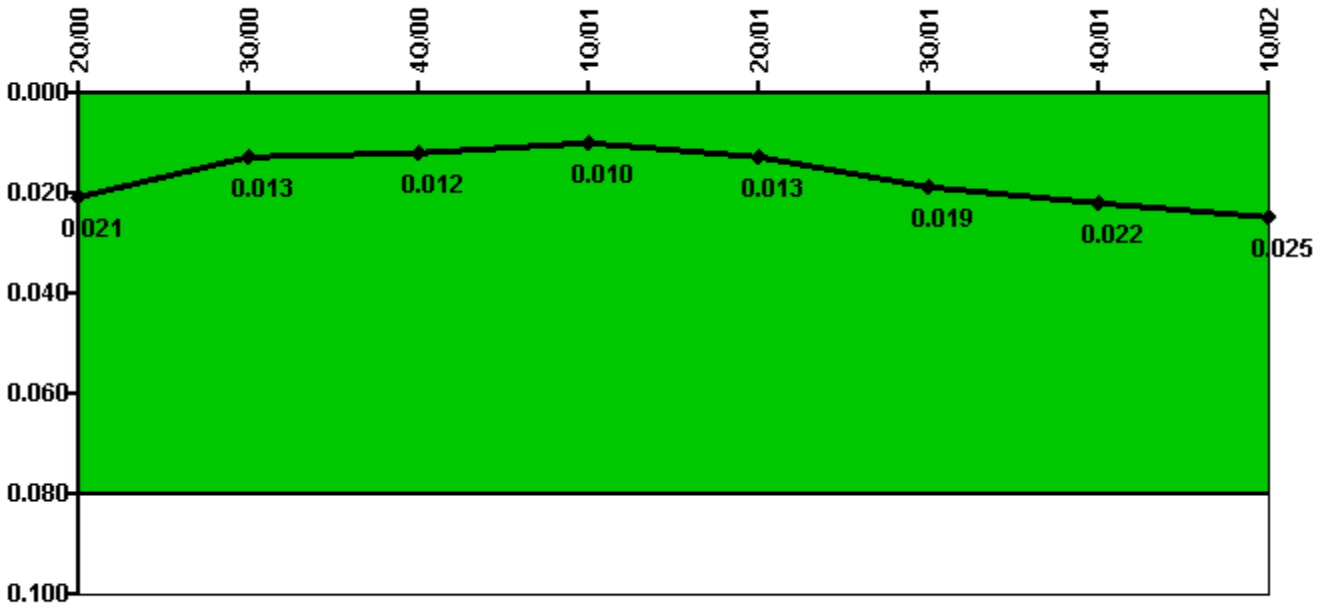
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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



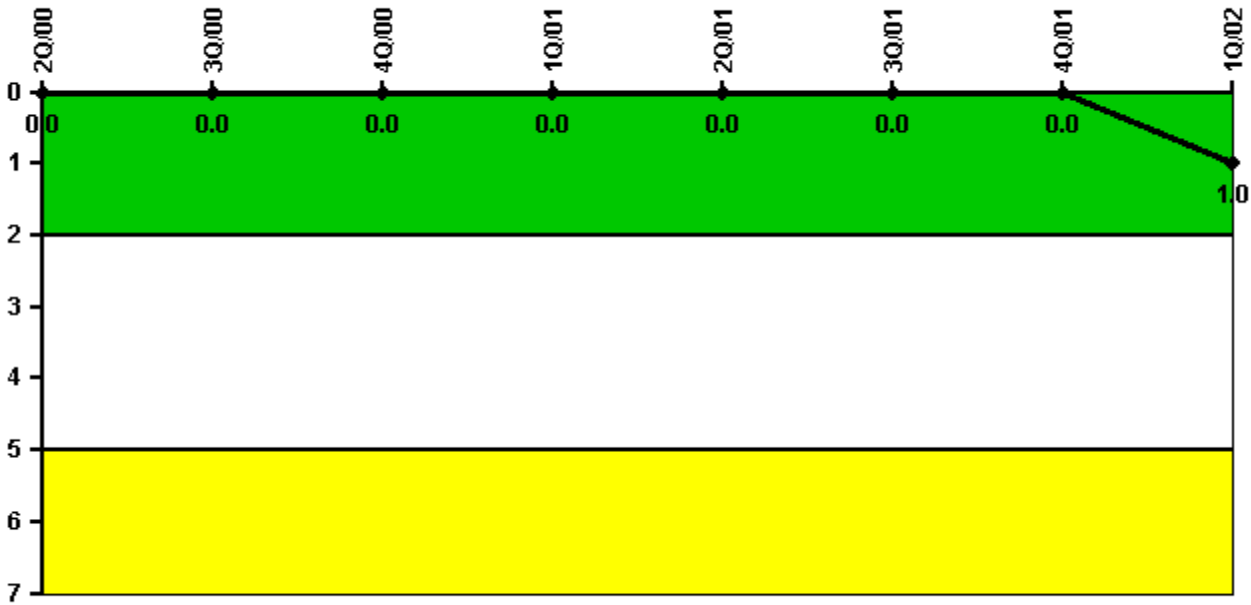
Thresholds: White > 0.080

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	101.92	128.85	108.40	53.08	256.70	332.20	250.40	353.08
CCTV compensatory hours	0	0	0	61.4	0.5	36.4	0	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Index Value	0.021	0.013	0.012	0.010	0.013	0.019	0.022	0.025

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

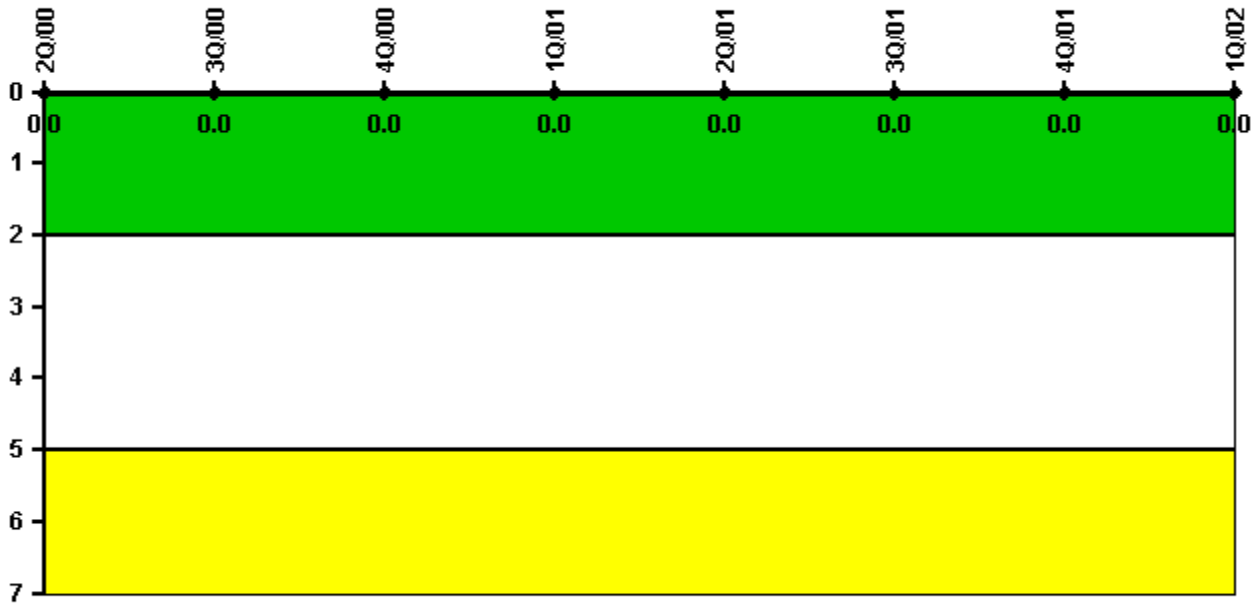
Notes

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	1
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments:

1Q/02: On 2/26/02 it was discovered that an individual on a temporary clearance had falsified his PHQ concerning criminal history. This individual would not have been granted access if this history had been known.

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