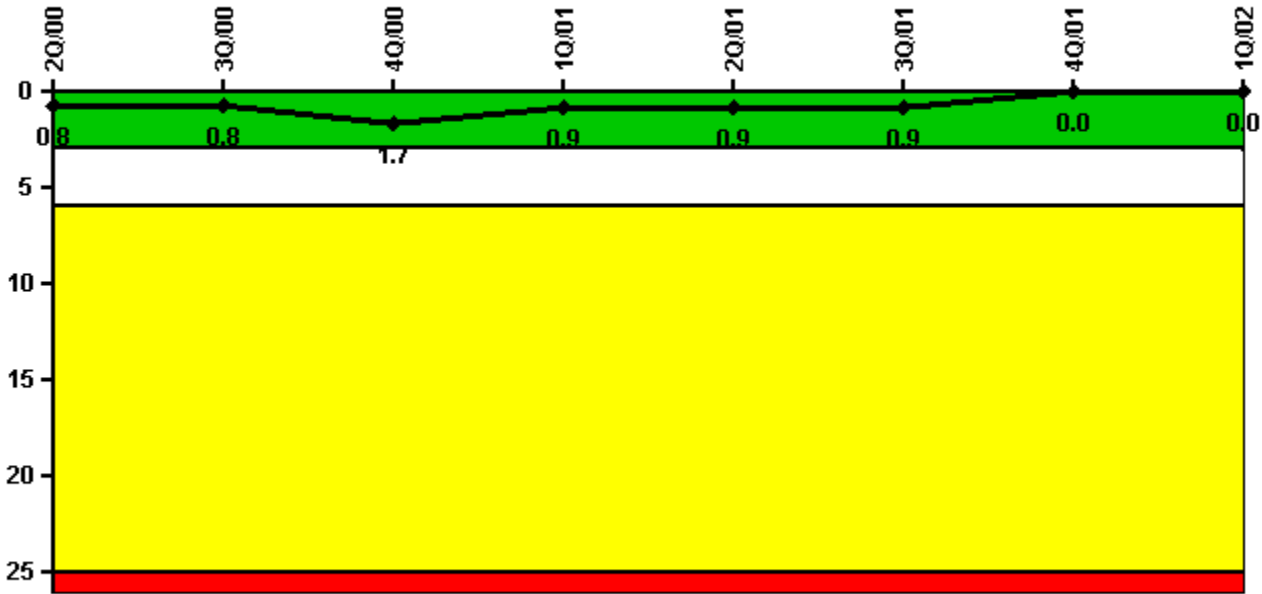


Sequoyah 2

1Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



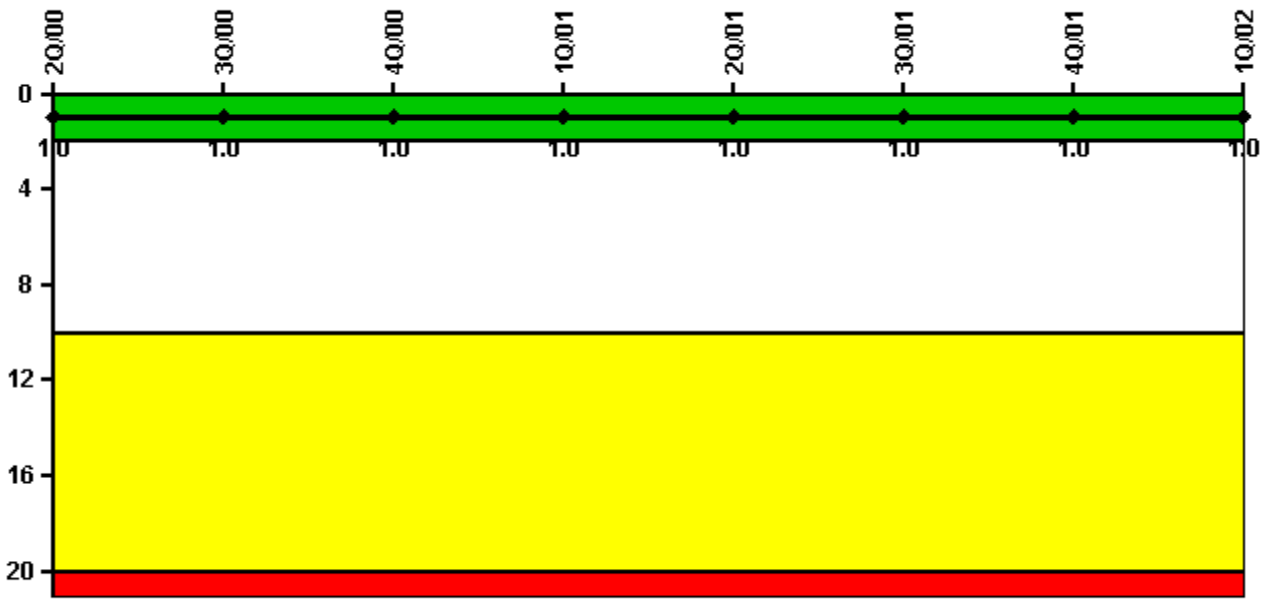
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	2208.0	1656.2	2160.0	2183.0	2208.0	2209.0	2160.0
Indicator value	0.8	0.8	1.7	0.9	0.9	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



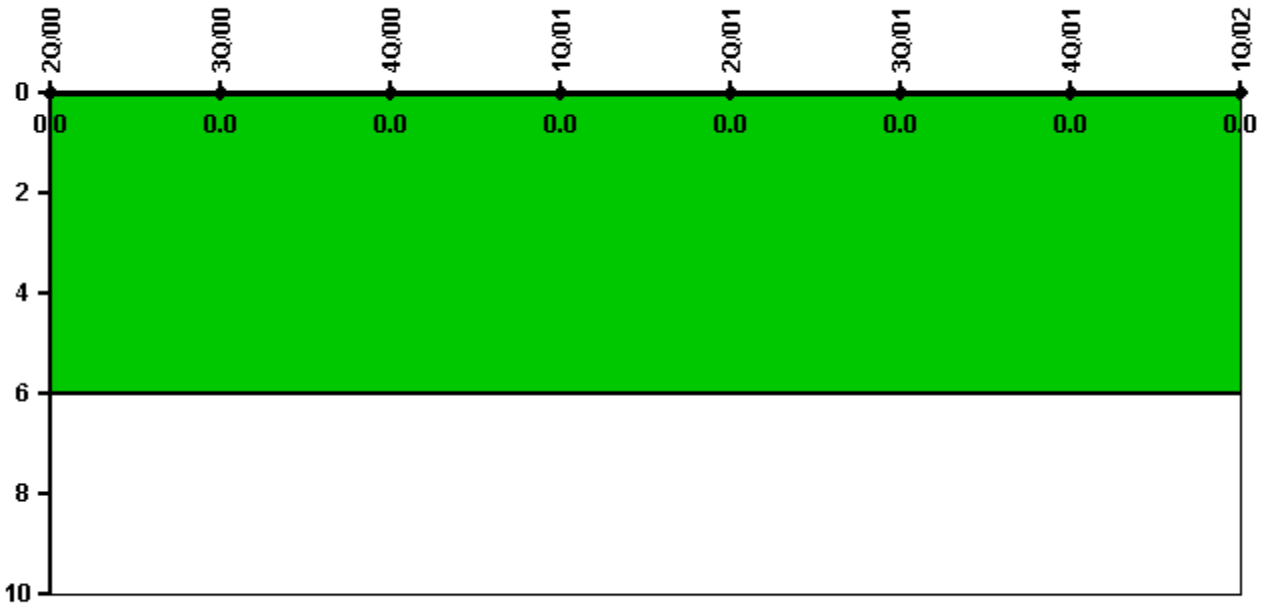
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



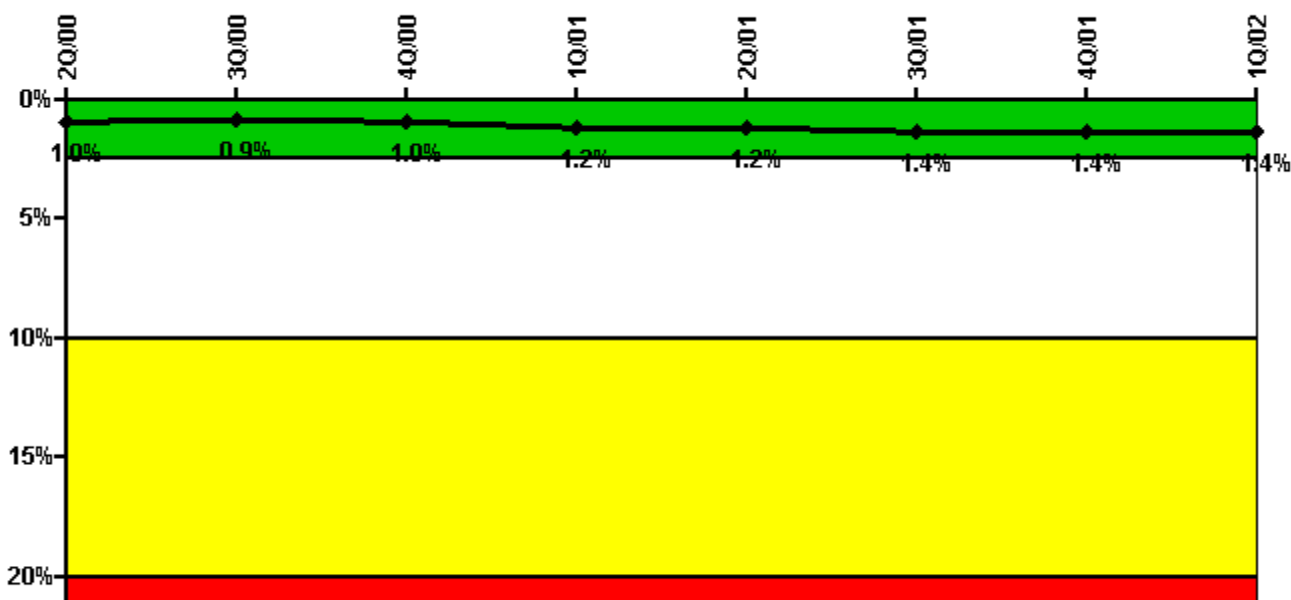
Thresholds: White > 6.0

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	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	1656.2	2160.0	2183.0	2208.0	2209.0	2160.0
Indicator value	0	0	0	0	0	0	0	0

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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	1.65	9.47	17.92	87.97	4.50	90.72	123.50	91.92
Unplanned unavailable hours	0	0	3.77	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	134.92	2.20	6.15	57.22	3.62	2.53	7.08	4.53
Unplanned unavailable hours	0	0	14.53	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 3								
Planned unavailable hours	1.90	2.78	13.10	131.72	4.13	2.13	1.95	161.88
Unplanned unavailable hours	0	0	24.53	0	0	0	24.17	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 4								
Planned unavailable hours	5.43	4.52	10.50	157.67	8.33	57.95	9.87	19.82
Unplanned unavailable hours	0	0	0	0	0	0	0	15.05
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	1.0%	0.9%	1.0%	1.2%	1.2%	1.4%	1.4%	1.4%

Licensee Comments:

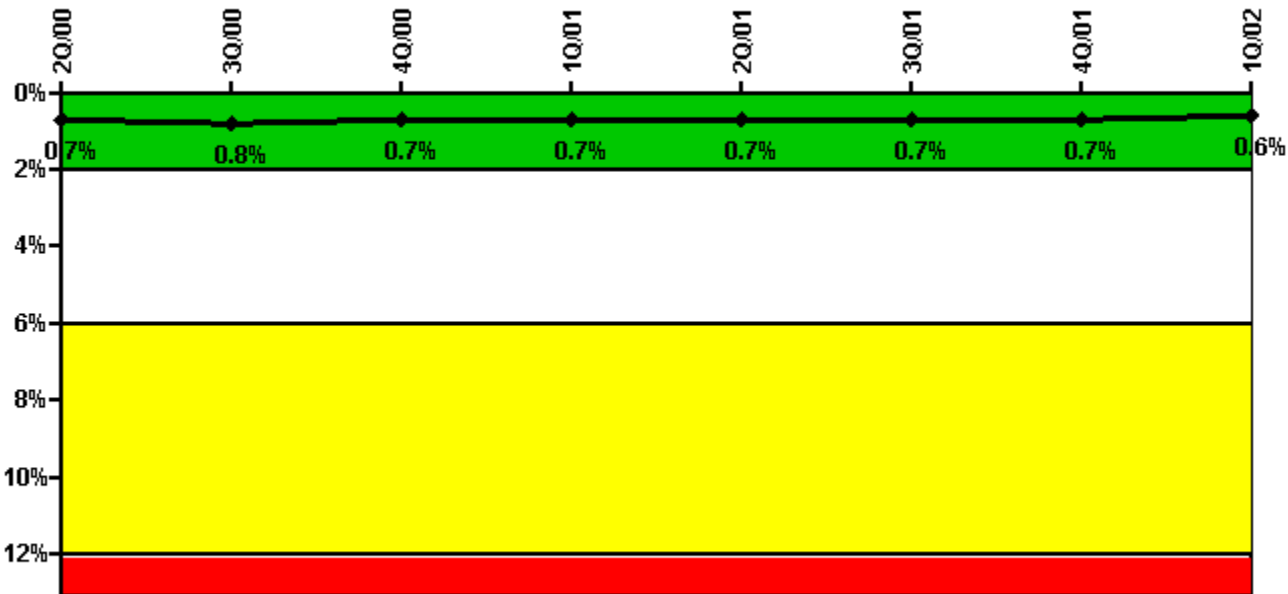
1Q/02: Fault exposure evaluation for the DG 2A-A failure of valid test on 11/13/01: The Root Cause Analysis on this event identified that marginal setpoints for the TD3A and TD3B Time Delay Relays allowed the start air system to be subject to greater

Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1734.10	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.4%

Licensee Comments:

1Q/02: Pg 33 of NEI 99-02 Rev 2 contains a paragraph on failures that are not capable of being discovered during normal surveillance tests. When such a failure occurs the hours are not included in the normal PI hours submittal, but are submitted as a comment. On 3/20/02 notification was made to the NRC for failing to maintain all provisions of the Fire Protection Program. 10 CFR 50 Appendix R requires separation of cables and equipment and associated non-safety circuits of redundant trains. An evaluation determined interaction would occur between the control cable for the VCT outlet valves 2-FCV-62-132 and 133 and the power cable for the RWST outlet valves 2-FCV-62-135 and 136. This interaction would cause a potential loss of suction to the operating CCP. Reference PER 02-000576-000 and its functional evaluation.

Safety System Unavailability, Heat Removal System (AFW)



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

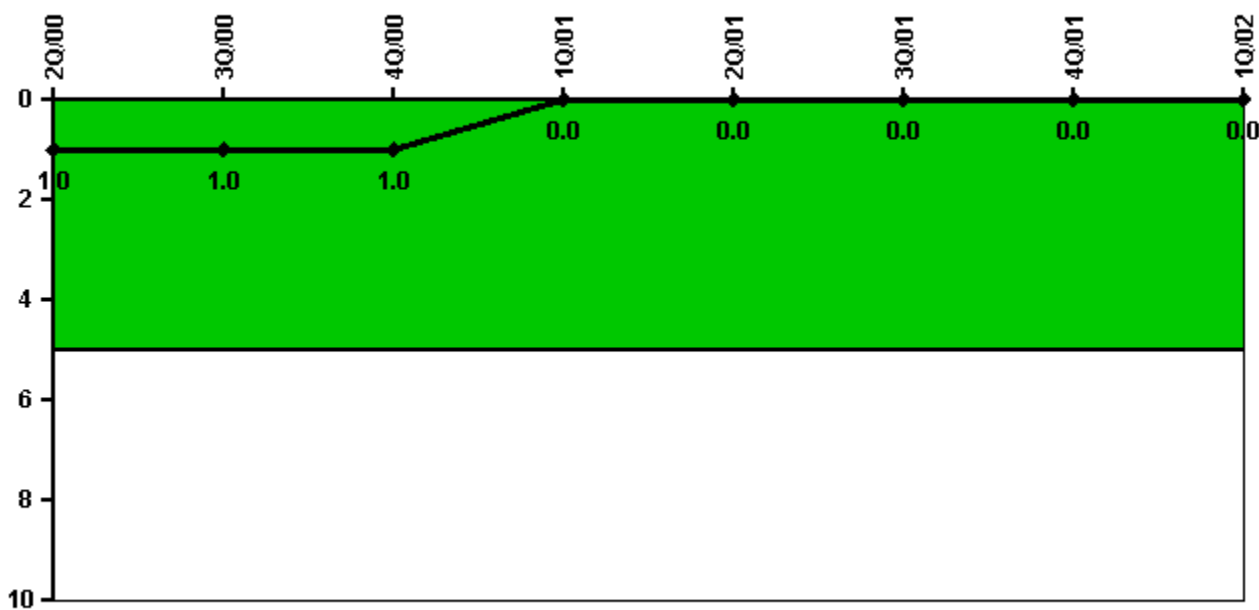
Notes

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	12.15	15.38	12.70	2.80	12.08	3.17	16.32	25.35
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	1734.10	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	12.96	19.11	5.51	4.61	11.60	6.21	11.28	3.44
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	1748.40	2160.00	2183.00	2208.00	2209.00	2160.00

Planned unavailable hours	6.20	27.10	17.60	3.20	3.10	16.20	12.60	24.30
Unplanned unavailable hours	0	0	9.90	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	2131.70	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.6%	0.7%	0.6%	0.7%	0.8%	0.8%	0.8%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)



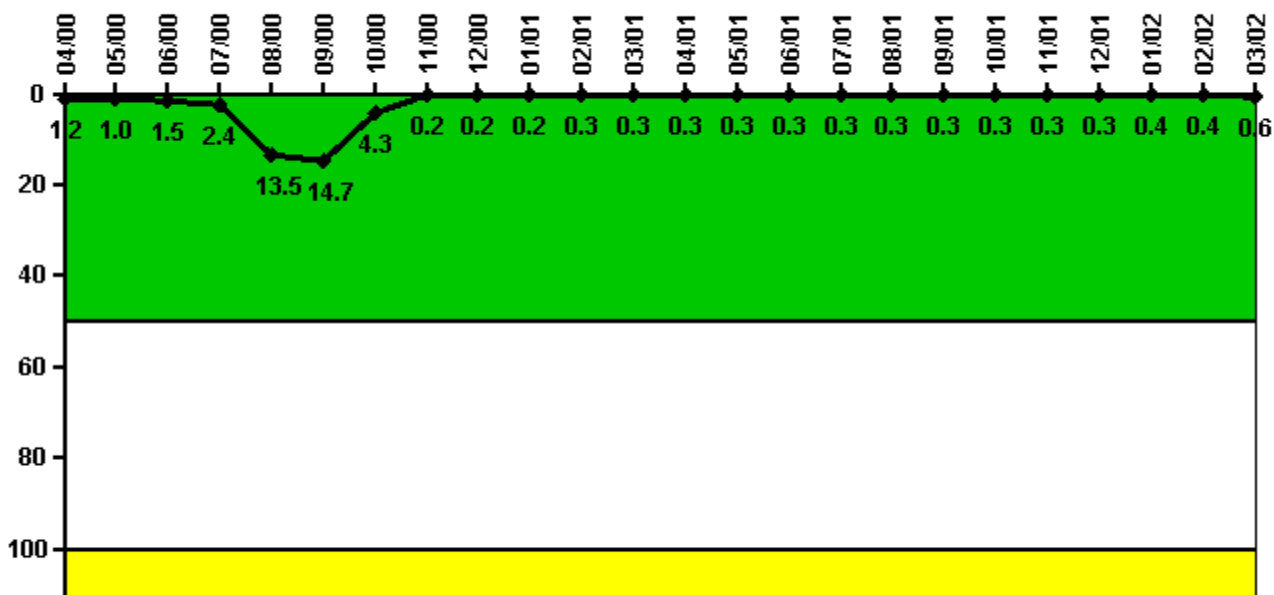
Thresholds: White > 5.0

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	0	0	0	0	0	0
Indicator value	1	1	1	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



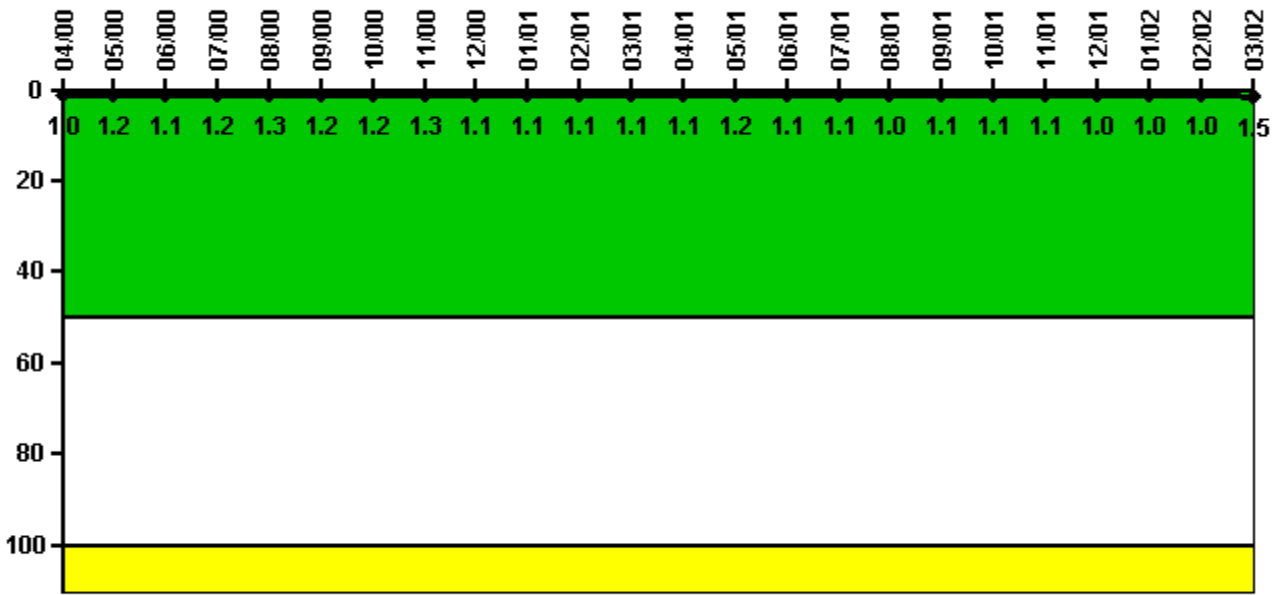
Thresholds: White > 50.0 Yellow > 100.0

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	0.004170	0.003570	0.005160	0.008430	0.047300	0.051400	0.010800	0.000613	0.000584	0.000590	0.000789	0.000635
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	1.2	1.0	1.5	2.4	13.5	14.7	4.3	0.2	0.2	0.2	0.3	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	0.000667	0.000742	0.000694	0.000774	0.000760	0.000780	0.000763	0.000847	0.000794	0.000880	0.000909	0.001570
Technical specification limit	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.6

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

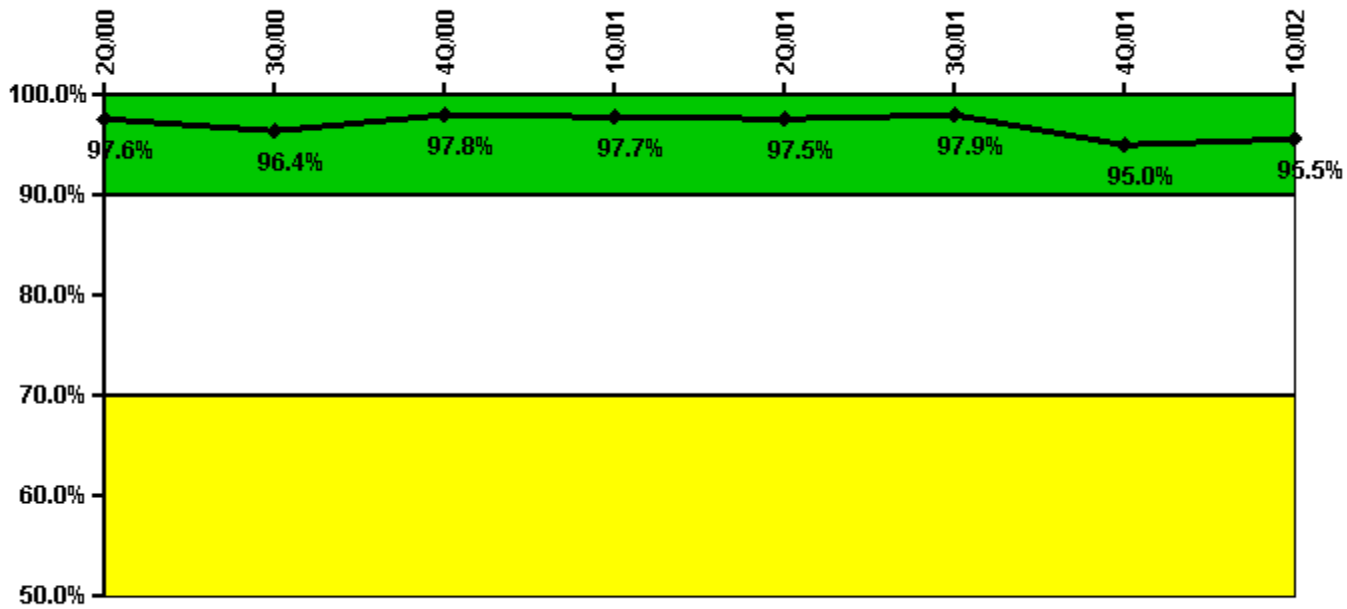
Notes

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	0.100	0.120	0.110	0.120	0.130	0.120	0.120	0.130	0.110	0.110	0.110	0.110
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	1.2	1.1	1.2	1.3	1.2	1.2	1.3	1.1	1.1	1.1	1.1

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	0.110	0.120	0.110	0.110	0.100	0.110	0.110	0.110	0.100	0.100	0.100	0.150
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	1.1	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.5

Licensee Comments: none

Drill/Exercise Performance



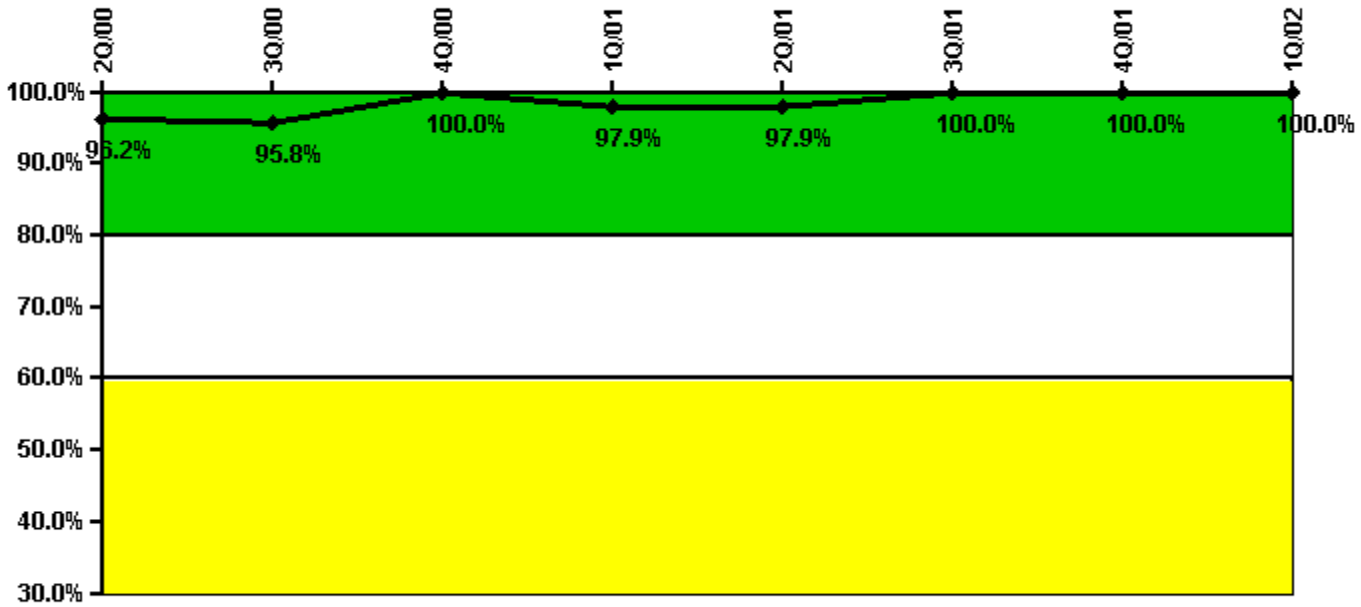
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	8.0	23.0	38.0	0	4.0	31.0	30.0	14.0
Total opportunities	8.0	25.0	38.0	0	4.0	32.0	34.0	14.0
Indicator value	97.6%	96.4%	97.8%	97.7%	97.5%	97.9%	95.0%	95.5%

Licensee Comments: none

ERO Drill Participation



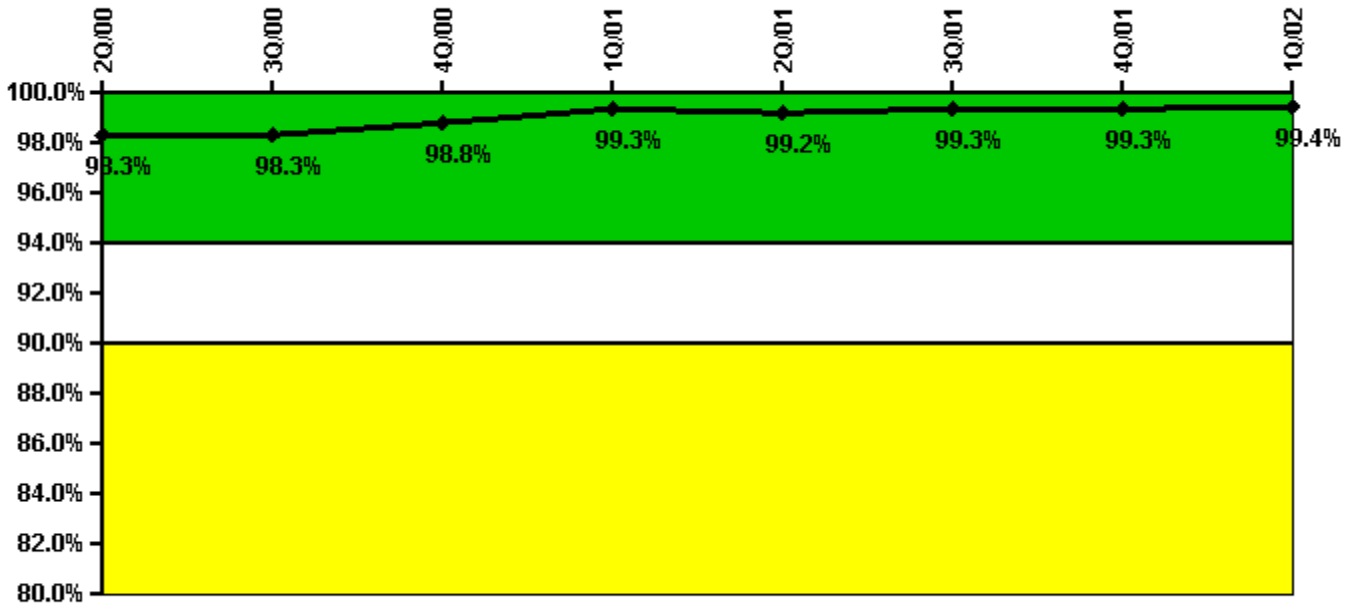
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	50.0	46.0	47.0	46.0	47.0	56.0	56.0	57.0
Total Key personnel	52.0	48.0	47.0	47.0	48.0	56.0	56.0	57.0
Indicator value	96.2%	95.8%	100.0%	97.9%	97.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



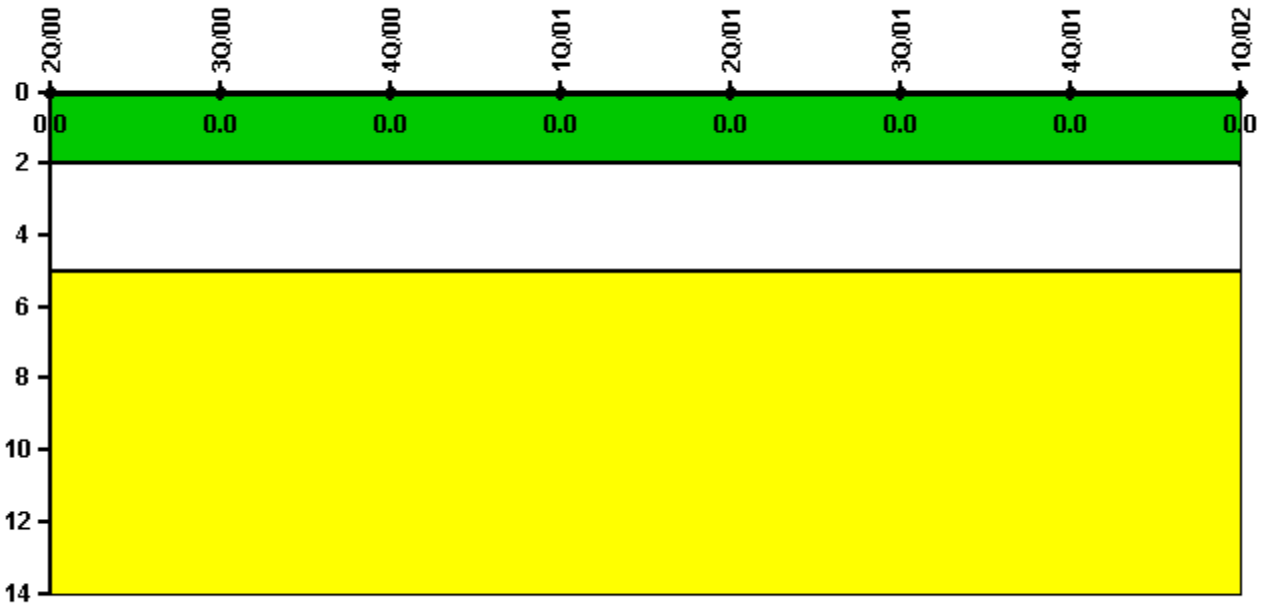
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	856	963	863	749	961	859	970	752
Total sirens-tests	864	972	864	756	972	864	972	756
Indicator value	98.3%	98.3%	98.8%	99.3%	99.2%	99.3%	99.3%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



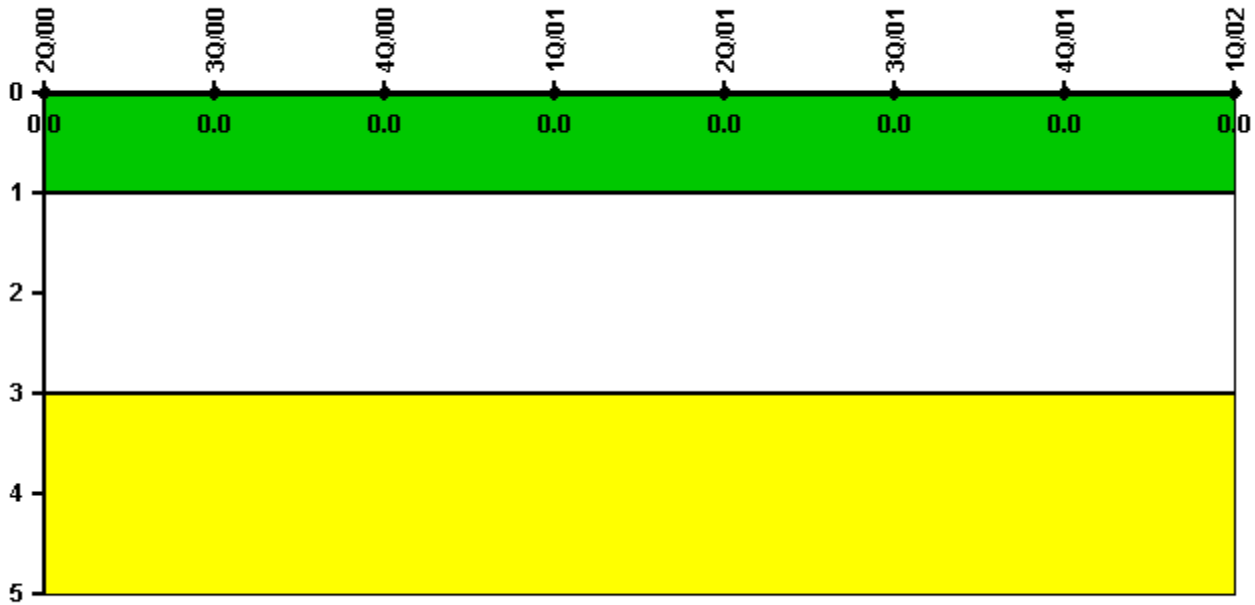
Thresholds: White > 2.0 Yellow > 5.0

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



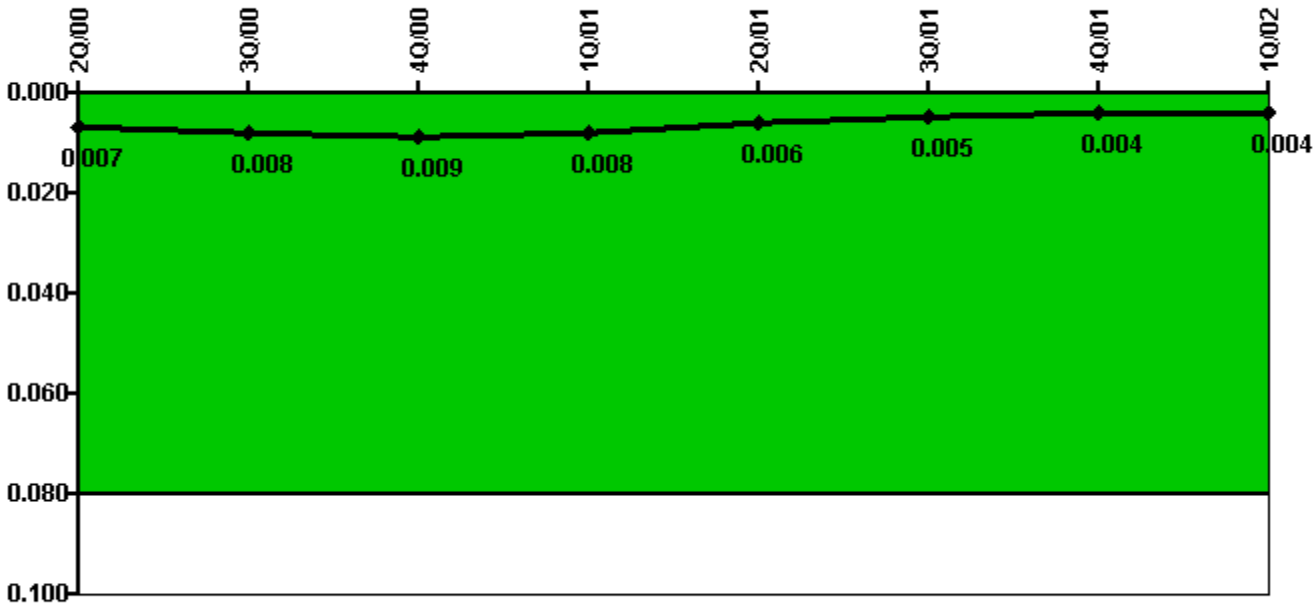
Thresholds: White > 1.0 Yellow > 3.0

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



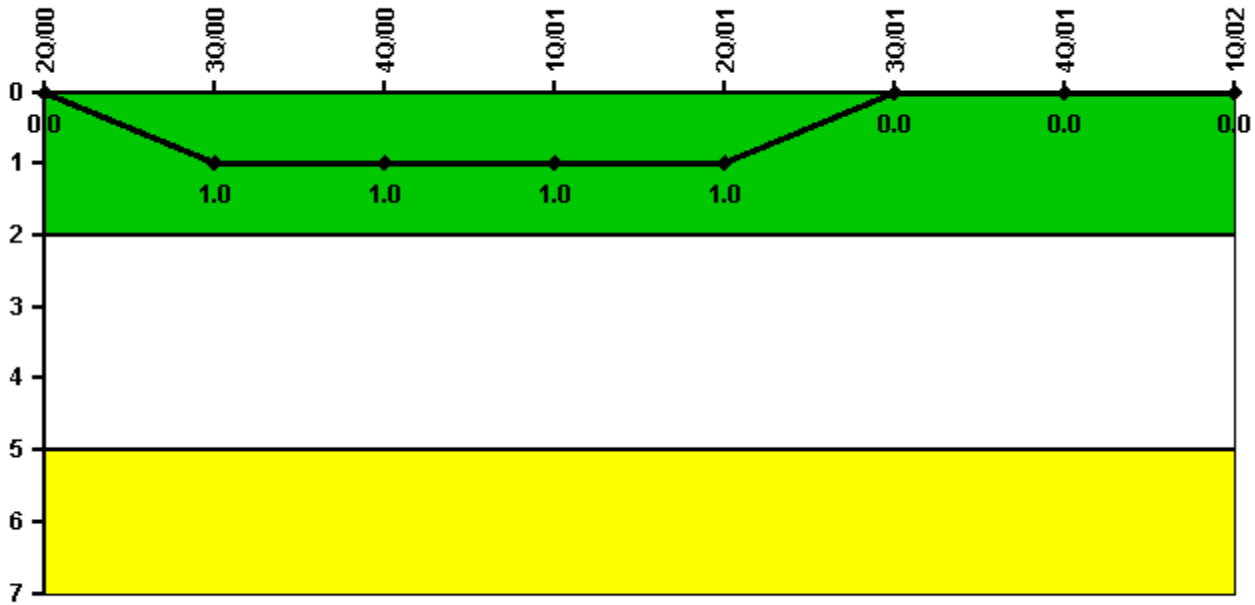
Thresholds: White > 0.080

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	166.40	117.21	135.00	73.67	42.11	41.09	28.17	50.42
CCTV compensatory hours	12.9	1.3	3.2	0.2	0.2	29.9	0	54.4
IDS normalization factor	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65
CCTV normalization factor	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Index Value	0.007	0.008	0.009	0.008	0.006	0.005	0.004	0.004

Licensee Comments: none

Personnel Screening Program



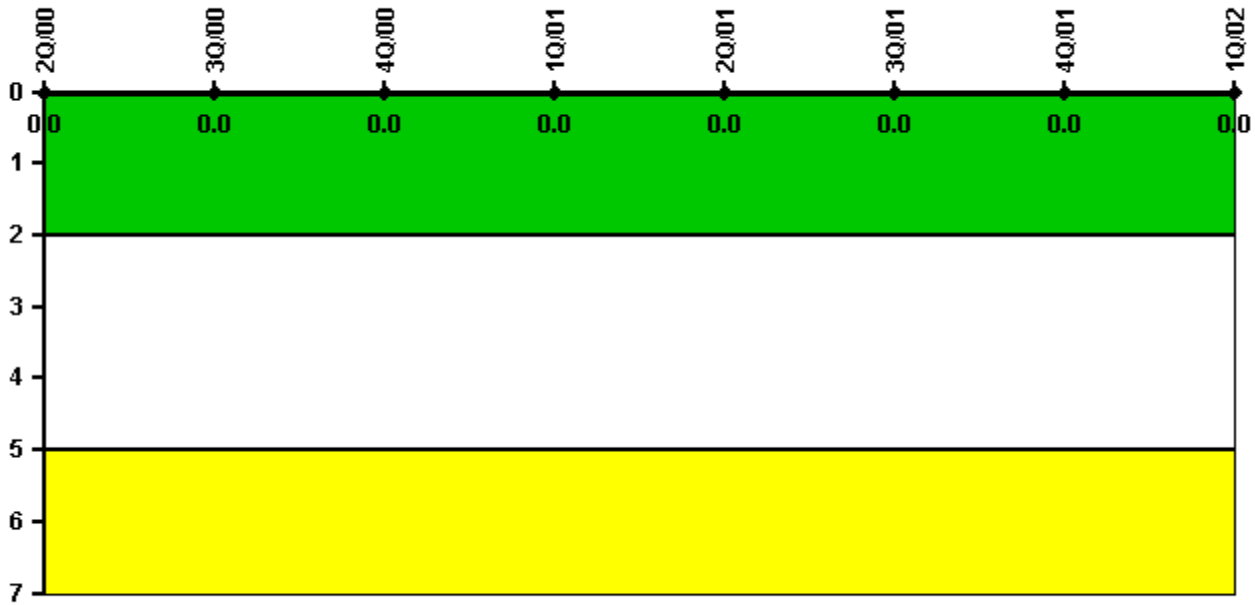
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Program failures	0	1	0	0	0	0	0	0
Indicator value	0	1	1	1	1	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

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Last Modified: May 1, 2002