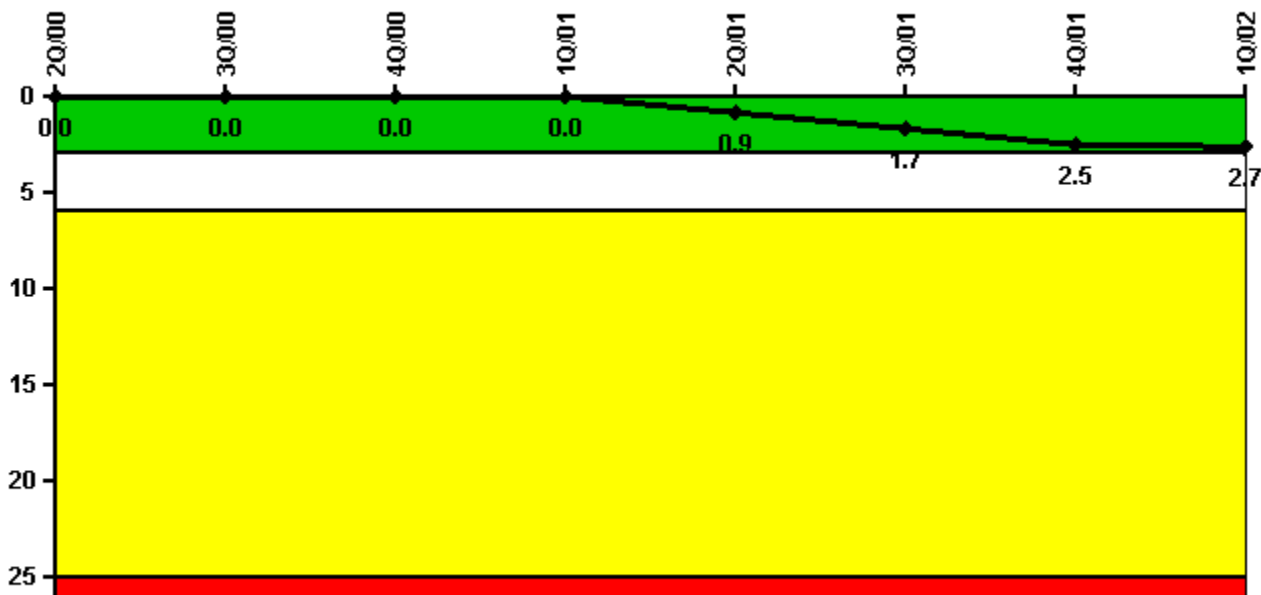


Watts Bar 1

1Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



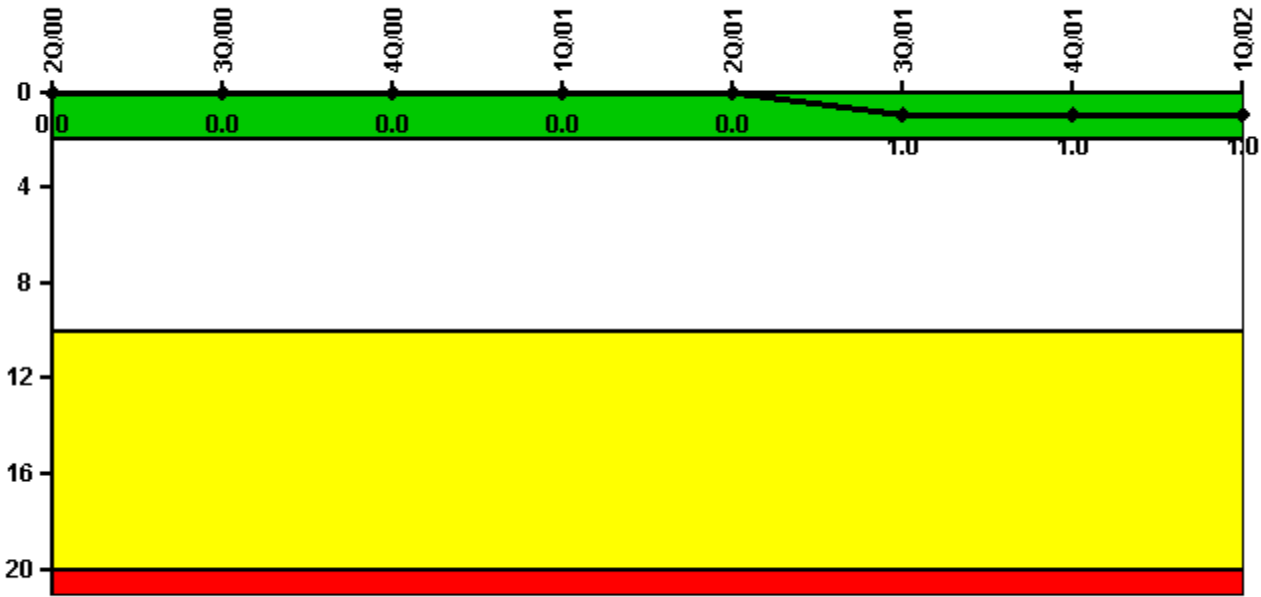
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	1.0	1.0	1.0	0
Critical hours	2183.0	1704.0	2084.3	2160.0	2152.5	1956.9	2180.9	1611.3
Indicator value	0	0	0	0	0.9	1.7	2.5	2.7

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



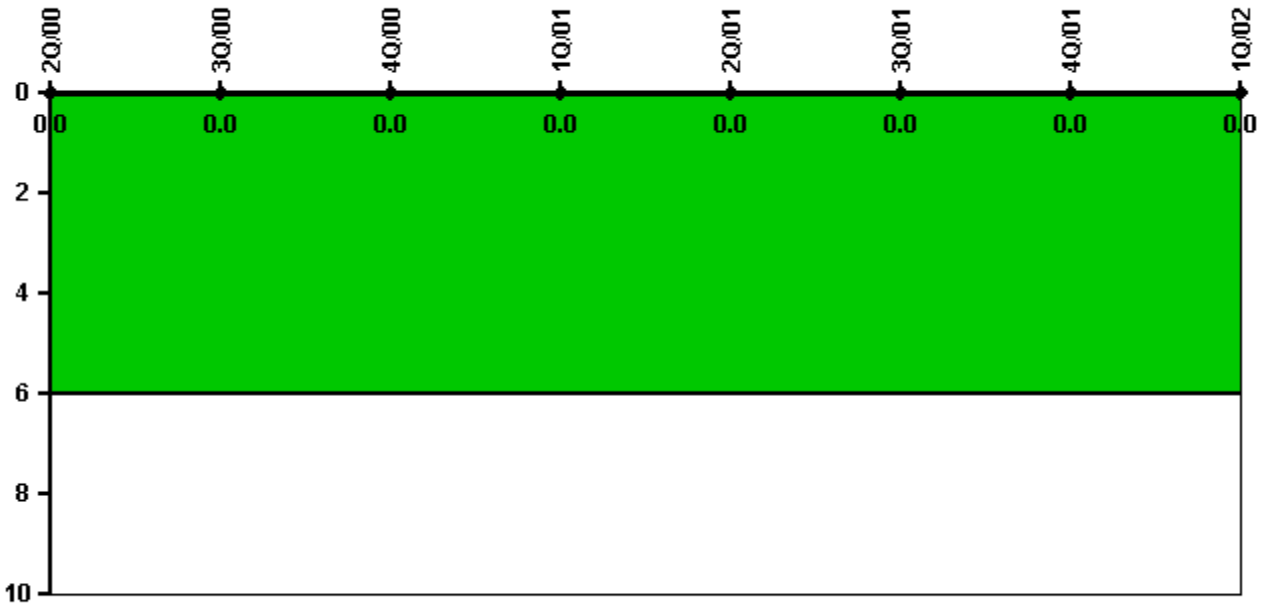
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	1.0	0	0
Indicator value	0	0	0	0	0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



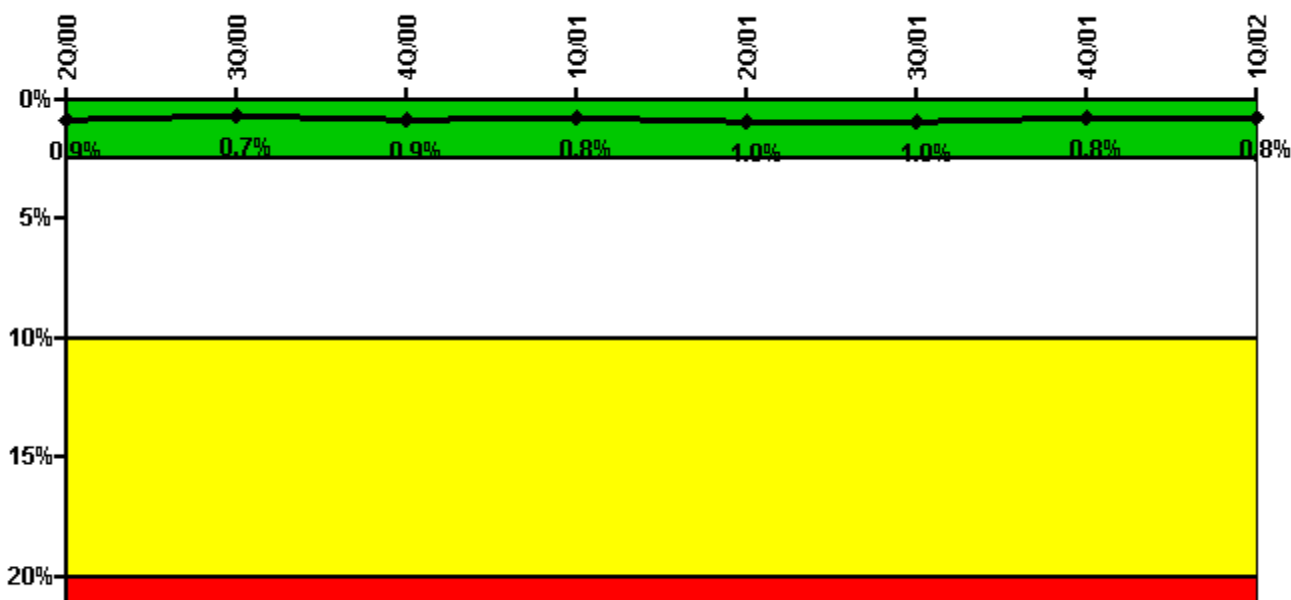
Thresholds: White > 6.0

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	1704.0	2084.3	2160.0	2152.5	1956.9	2180.9	1611.3
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



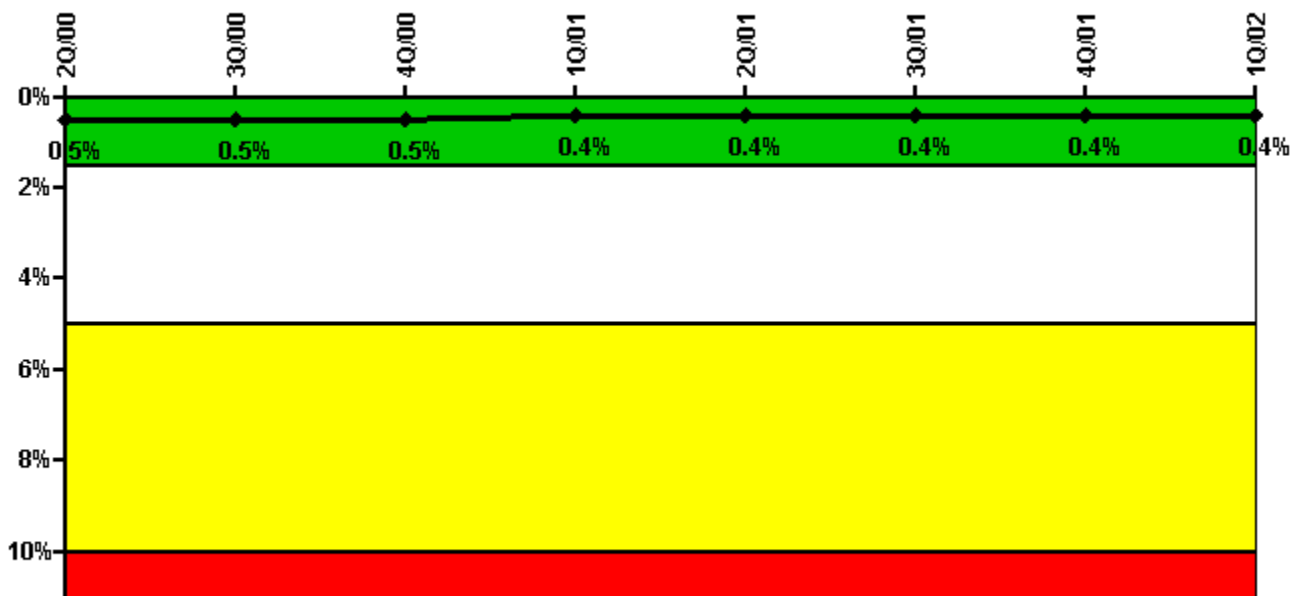
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

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	40.21	1.70	44.64	2.24	30.21	2.03	14.73	2.14
Unplanned unavailable hours	0	0	0	0	8.52	0	0	0
Fault exposure hours	0	0	0	0	1.75	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2086.48	2209.00	2160.00	2183.00	2208.00	2209.00	1938.06
Train 2								
Planned unavailable hours	42.32	1.84	149.95	3.44	59.69	2.05	1.15	1.85
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	25.08	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1867.37	2209.00	2160.00	2183.00	2123.63	2209.00	1902.72
Train 3								
Planned unavailable hours	4.70	2.04	26.27	2.80	47.37	2.42	7.01	2.00
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	2086.48	2209.00	2160.00	2183.00	2208.00	2209.00	1938.06
Train 4								
Planned unavailable hours	6.13	16.98	31.78	2.84	40.30	4.88	9.20	6.45
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	1867.37	2209.00	2160.00	2183.00	2123.63	2209.00	1902.72
Indicator value	0.9%	0.7%	0.9%	0.8%	1.0%	1.0%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



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

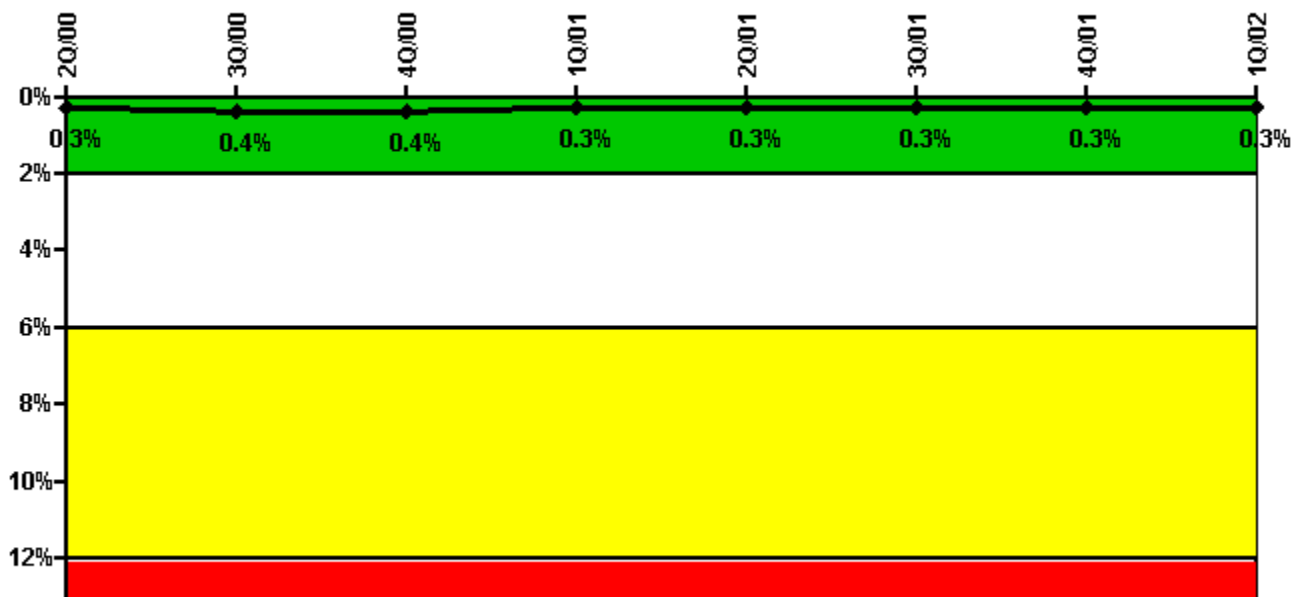
Notes

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	6.90	7.90	0.40	21.00	0.10	0.20	0.80	4.30
Unplanned unavailable hours	0	0	0	0	0	0.30	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	1715.10	2145.00	2160.00	2183.00	2123.60	2209.00	1678.00
Train 2								
Planned unavailable hours	10.30	0	0	0	13.70	0.30	0	0.30
Unplanned unavailable hours	0	0	0	0	0	0.10	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	1711.10	2147.00	2160.00	2183.00	2014.00	2209.00	1665.50
Train 3								
Planned unavailable hours	23.50	0.50	2.10	1.60	1.30	5.60	16.10	2.40
Unplanned unavailable hours	0	0	0	0	0	0.30	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	1711.10	2137.80	2160.00	2183.00	2014.00	2209.00	1662.70
Train 4								
Planned unavailable hours	39.70	0.60	2.70	0.50	1.00	20.60	2.40	1.70
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	1711.10	2137.80	2160.00	2183.00	2014.00	2209.00	1662.70
Indicator value	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments:

1Q/02: The above data does not include the potential unscheduled unavailability impact resulting from the identification of missing guard pipe access covers for a steam line to the turbine driven AFW pump on 3/7/2002. TVA is still evaluating the EO impact on system components from a theoretical break of the line.

Safety System Unavailability, Heat Removal System (AFW)



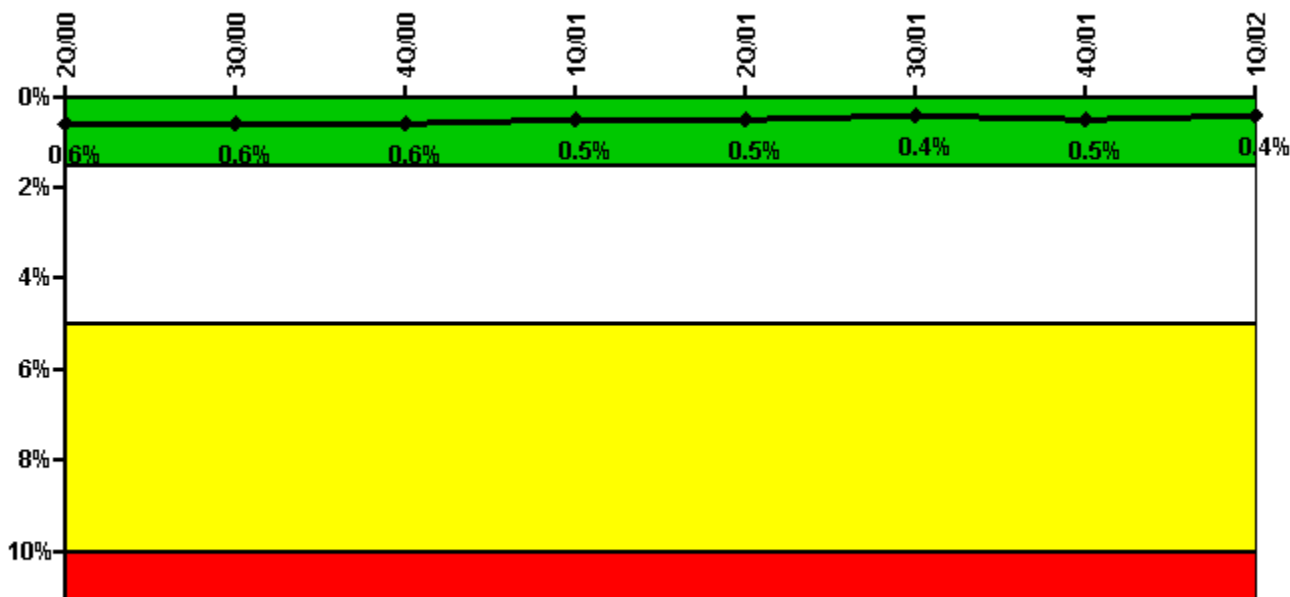
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

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	30.50	0	0.80	0.10	0.02	3.70	22.20	0.33
Unplanned unavailable hours	0	0	0	0	0	0.90	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	1714.10	2113.80	2160.00	2183.00	2014.00	2209.00	1680.80
Train 2								
Planned unavailable hours	0	25.70	6.10	0.50	29.40	8.00	11.83	0.63
Unplanned unavailable hours	0	0	0	0	0	1.10	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	1714.10	2113.80	2160.00	2183.00	2014.00	2209.00	1680.80
Train 3								
Planned unavailable hours	2.70	18.50	11.65	6.40	0.70	2.00	8.04	4.07
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	1711.10	2113.80	2160.00	2183.00	2014.00	2209.00	1662.60
Indicator value	0.3%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%

1Q/02: The above data does not include the potential unscheduled unavailability impact resulting from the identification of missing guard pipe access covers for a steam line to the turbine driven AFW pump on 3/7/2002. TVA is still evaluating the EQ impact on system components from a theoretical break of the line.

Safety System Unavailability, Residual Heat Removal System



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

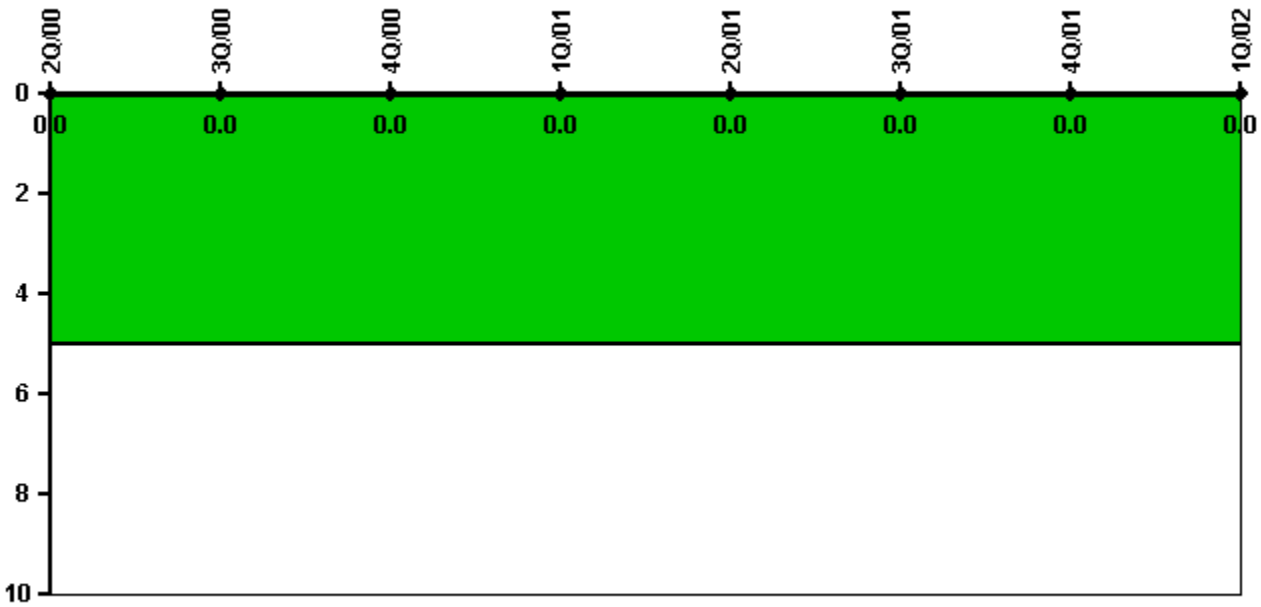
Notes

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	41.00	1.60	2.45	2.30	2.35	2.30	27.82	2.19
Unplanned unavailable hours	0	0	0	0	0	0.30	0	0.03
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	2144.10	2209.00	2160.00	2183.00	2208.00	2209.00	2091.40
Train 2								
Planned unavailable hours	47.70	1.50	1.10	1.70	2.90	2.20	28.90	3.62
Unplanned unavailable hours	0	0	0	0	0	0	0	0.03
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	2144.10	2209.00	2160.00	2183.00	2208.00	2209.00	2091.40
Indicator value	0.6%	0.6%	0.6%	0.5%	0.5%	0.4%	0.5%	0.4%

Licensee Comments:

1Q/02: The above data does not include the potential unscheduled unavailability impact resulting from the identification of missing guard pipe access covers for a steam line to the turbine driven AFW pump on 3/7/2002. TVA is still evaluating the EQ impact on system components from a theoretical break of the line.

Safety System Functional Failures (PWR)



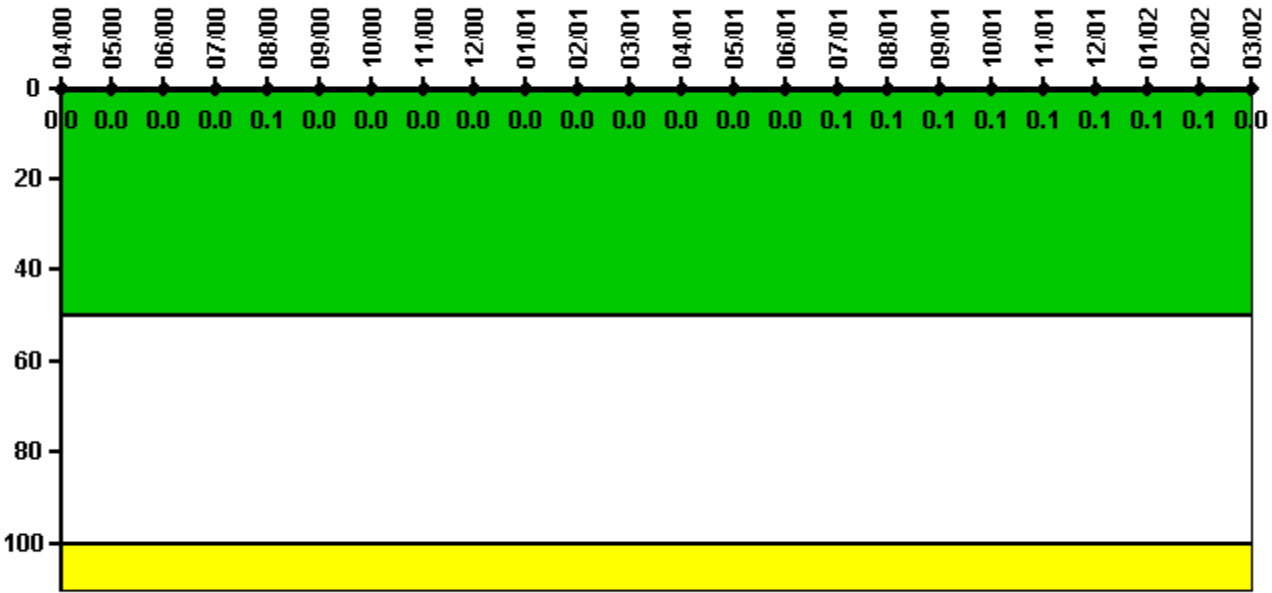
Thresholds: White > 5.0

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	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

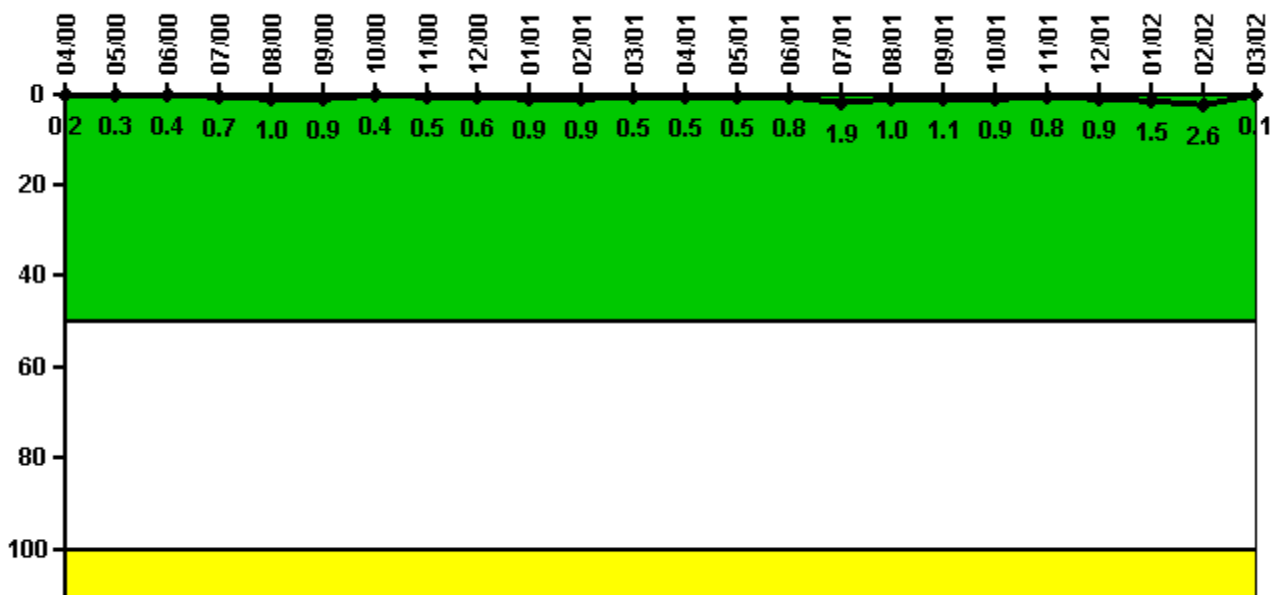
Notes

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	0.000325	0.000310	0.000330	0.000490	0.000564	0.000270	0.000204	0.000231	0.000230	0.000233	0.000242	0.000248
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	0	0	0	0.1	0	0	0	0	0	0	0

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	0.000250	0.000250	0.000274	0.000267	0.000282	0.000281	0.000297	0.000301	0.000291	0.000310	0.000367	0.000081
Technical specification limit	1.0	1.0	1.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Indicator value	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

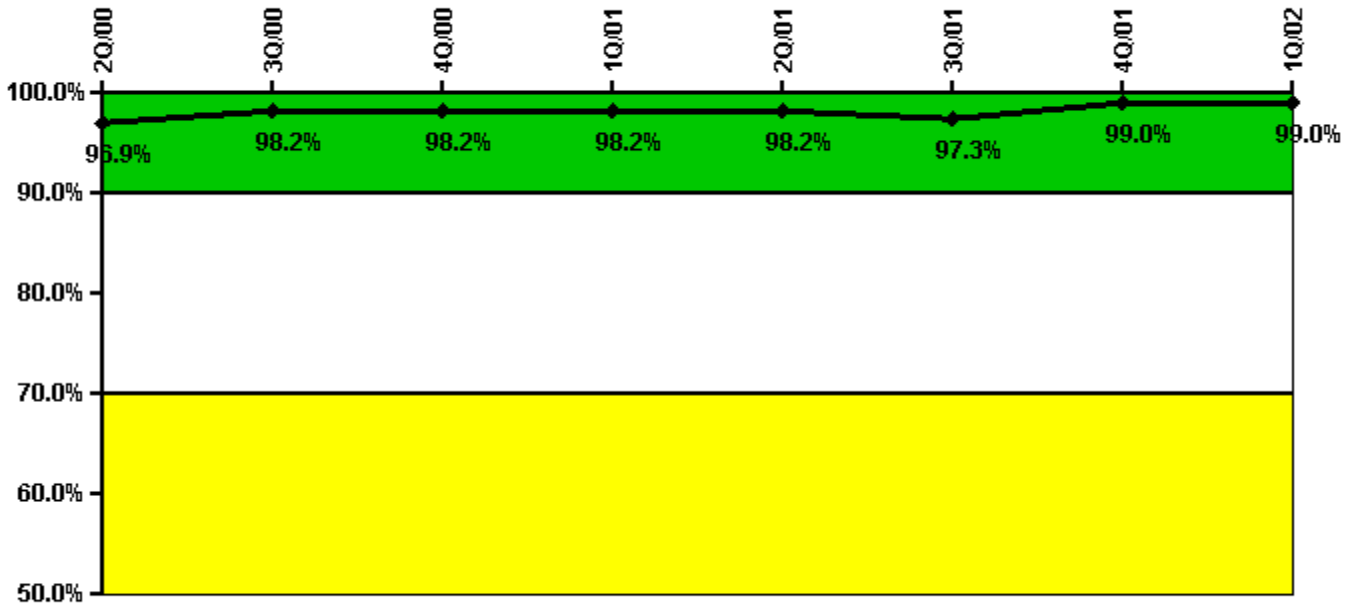
Notes

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	0.030	0.040	0.070	0.100	0.090	0.040	0.050	0.060	0.090	0.090	0.050
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	0.3	0.4	0.7	1.0	0.9	0.4	0.5	0.6	0.9	0.9	0.5

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	0.050	0.050	0.080	0.190	0.100	0.110	0.090	0.080	0.090	0.150	0.260	0.010
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	0.5	0.5	0.8	1.9	1.0	1.1	0.9	0.8	0.9	1.5	2.6	0.1

Licensee Comments: none

Drill/Exercise Performance



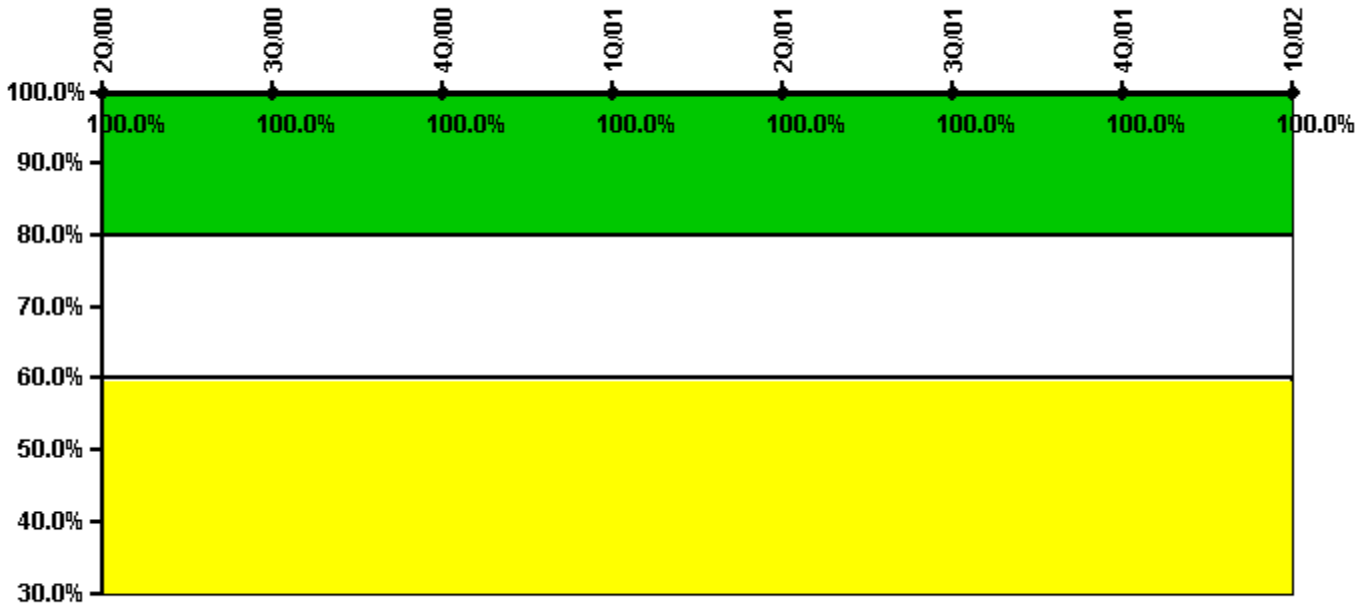
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	6.0	24.0	6.0	2.0	0	8.0	49.0	0
Total opportunities	6.0	24.0	6.0	2.0	0	8.0	50.0	0
Indicator value	96.9%	98.2%	98.2%	98.2%	98.2%	97.3%	99.0%	99.0%

Licensee Comments: none

ERO Drill Participation



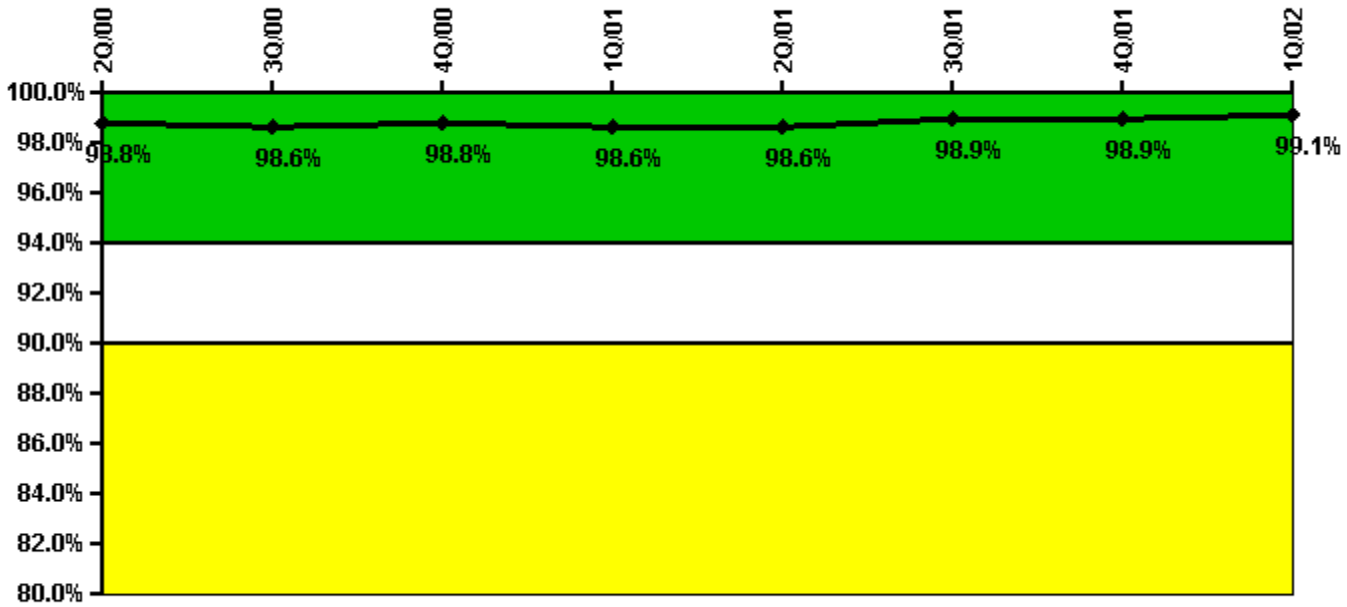
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	48.0	48.0	46.0	49.0	48.0	47.0	50.0	50.0
Total Key personnel	48.0	48.0	46.0	49.0	48.0	47.0	50.0	50.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



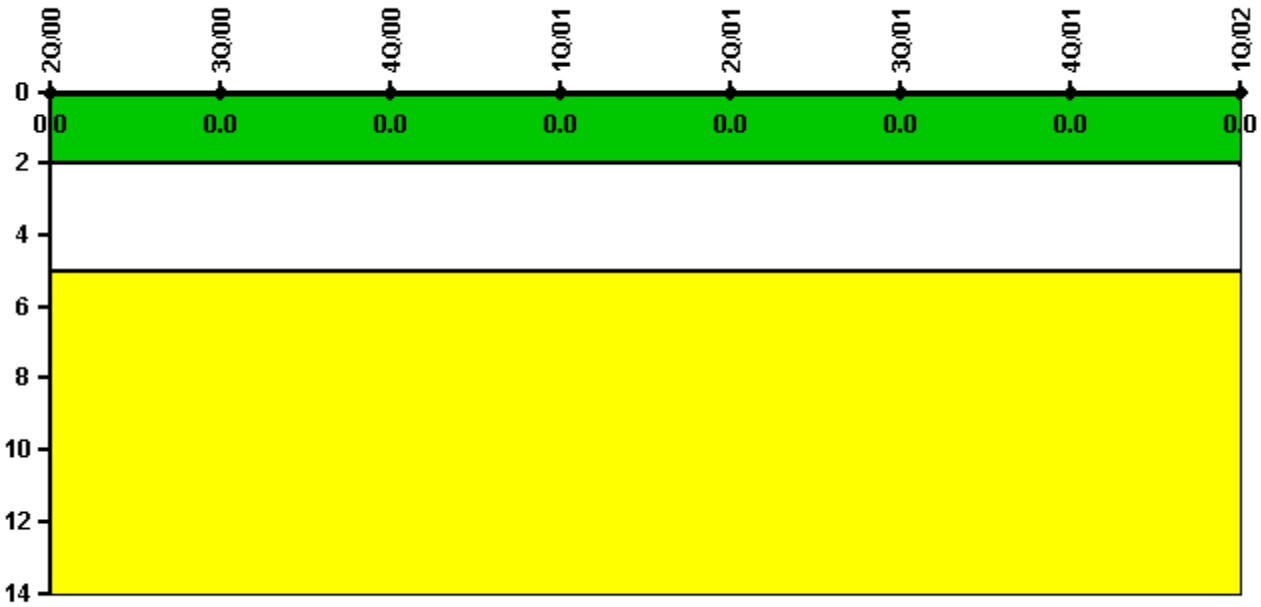
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	880	779	784	681	782	886	882	688
Total sirens-tests	891	792	792	693	792	891	891	693
Indicator value	98.8%	98.6%	98.8%	98.6%	98.6%	98.9%	98.9%	99.1%

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



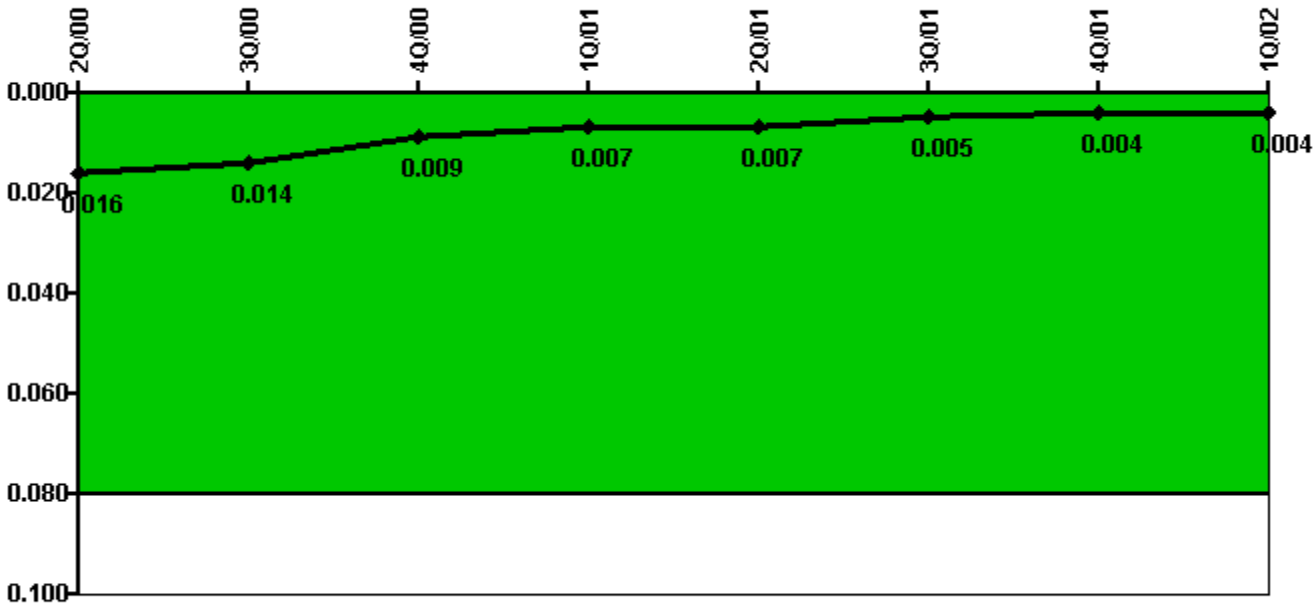
Thresholds: White > 1.0 Yellow > 3.0

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



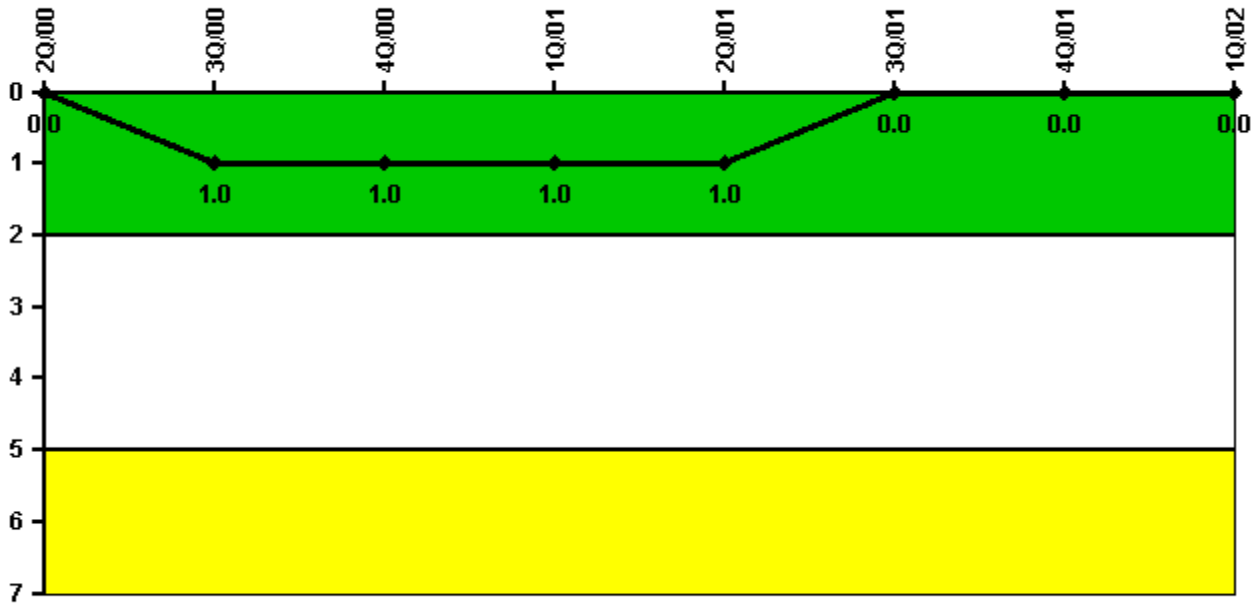
Thresholds: White > 0.080

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	93.10	77.80	49.50	30.60	81.30	17.70	22.90	9.20
CCTV compensatory hours	4.5	24.9	13.4	4.3	2.6	1.6	6.2	23.8
IDS normalization factor	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
CCTV normalization factor	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Index Value	0.016	0.014	0.009	0.007	0.007	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