

Millstone 3

2Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



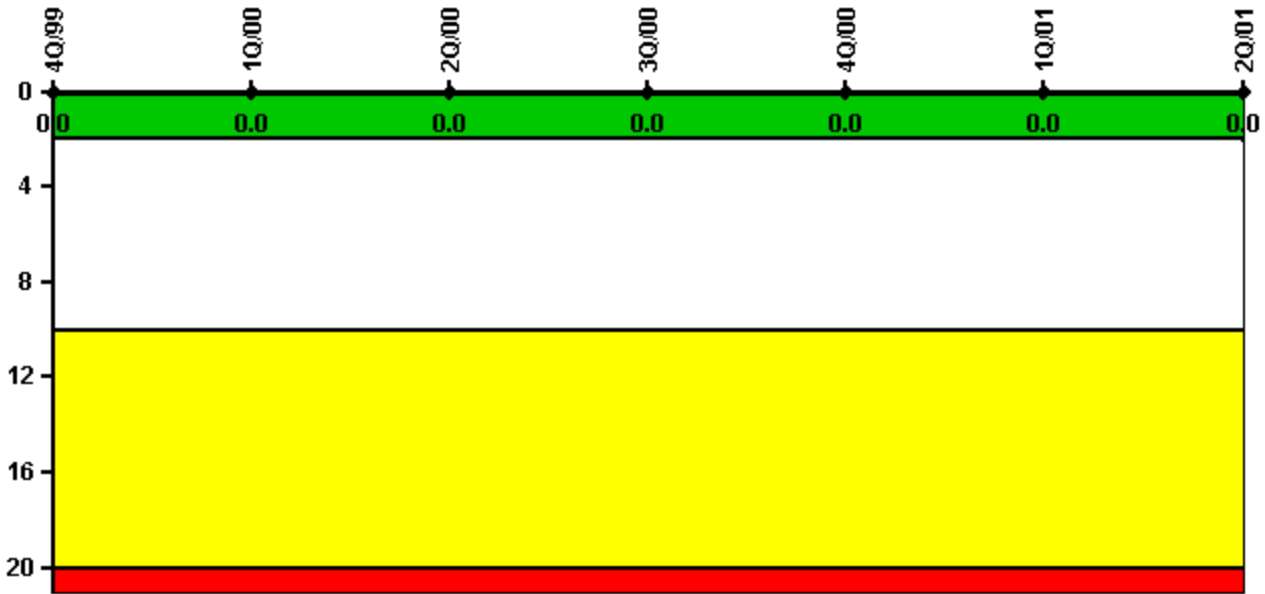
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned scrams	0	0	0	0	0	0	0
Critical hours	2209.0	2184.0	2183.0	2208.0	2209.0	866.1	2183.0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



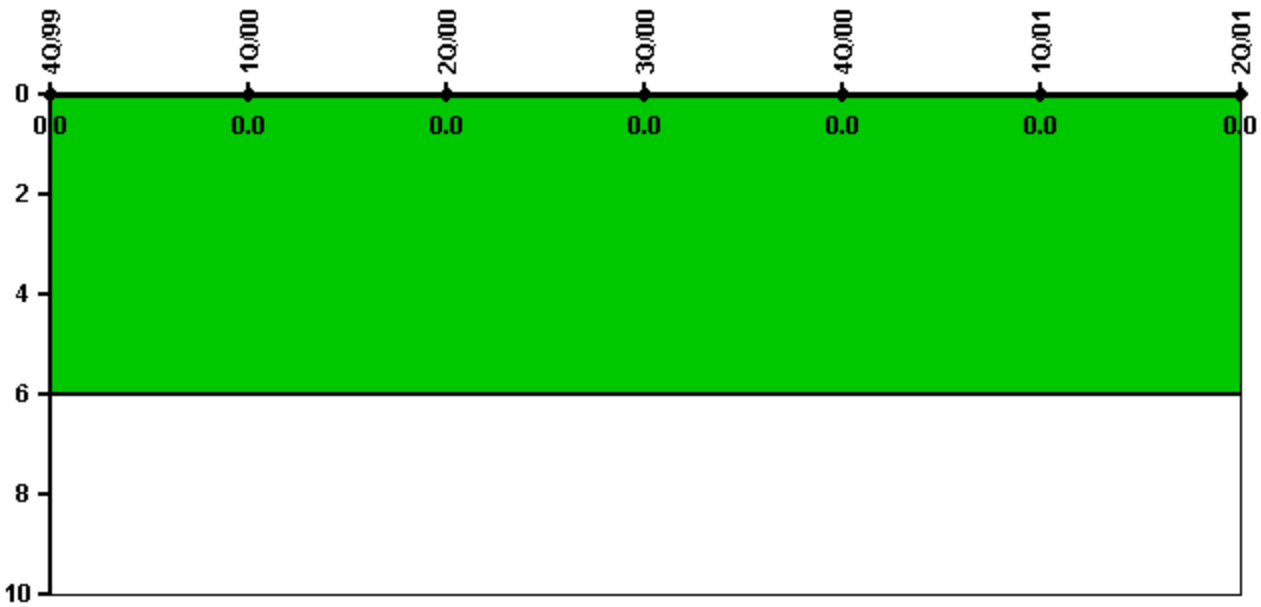
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Scrams	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



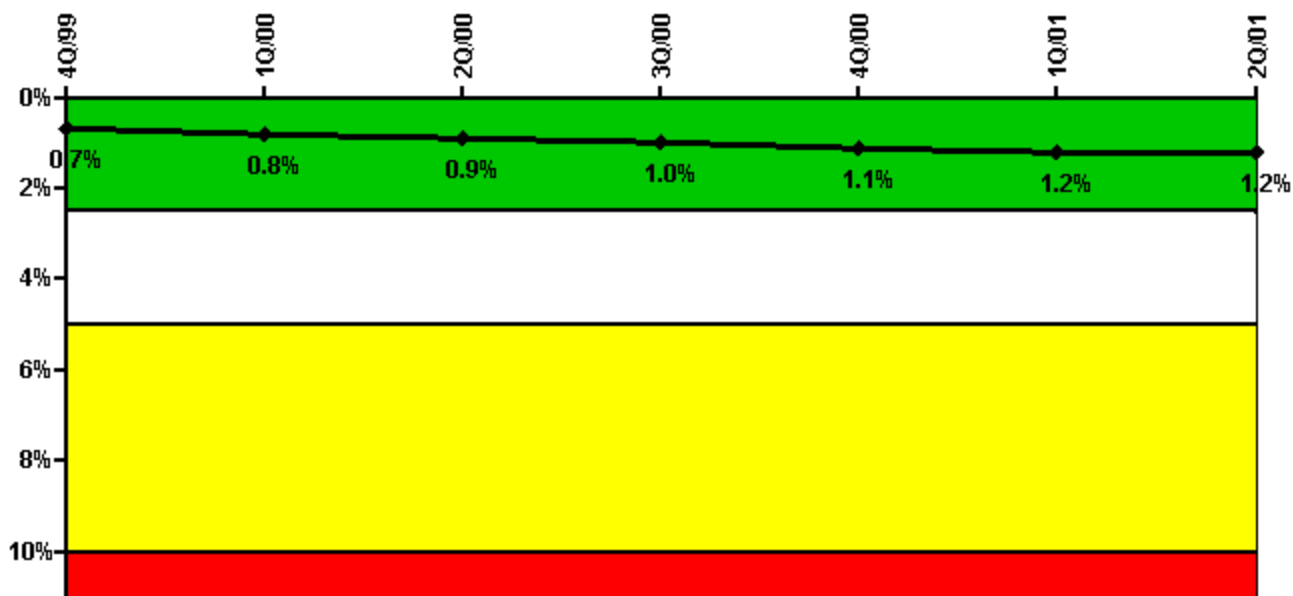
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	0	0	0	0	0	0	0
Critical hours	2209.0	2184.0	2183.0	2208.0	2209.0	866.1	2183.0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



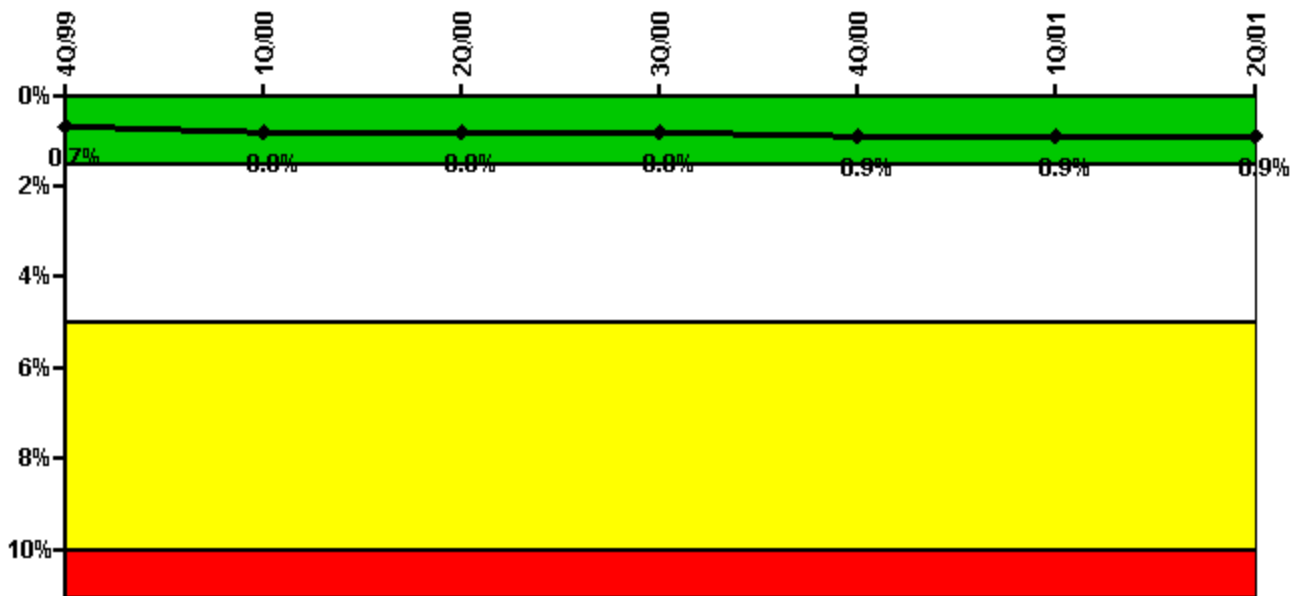
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	19.30	36.55	16.13	20.64	28.80	5.90	27.76
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	20.72	25.03	28.49	16.88	44.30	16.08	16.33
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.7%	0.8%	0.9%	1.0%	1.1%	1.2%	1.2%

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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	11.44	22.40	24.60	23.09	34.40	9.24	24.80
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1121.14	2183.00
Train 2							
Planned unavailable hours	13.65	22.52	15.33	44.47	19.59	13.98	15.35
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1121.14	2183.00
Train 3							
Planned unavailable hours	12.84	20.90	15.34	22.92	19.57	17.45	39.91
Unplanned unavailable hours	0	0	0	0	0	0	22.10
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1182.70	2183.00
Train 4							
Planned unavailable hours	21.89	9.51	11.73	15.41	27.12	4.39	42.13
Unplanned unavailable hours	0	0	1.72	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1182.70	2183.00
Indicator value	0.7%	0.8%	0.8%	0.8%	0.9%	0.9%	0.9%

Licensee Comments:

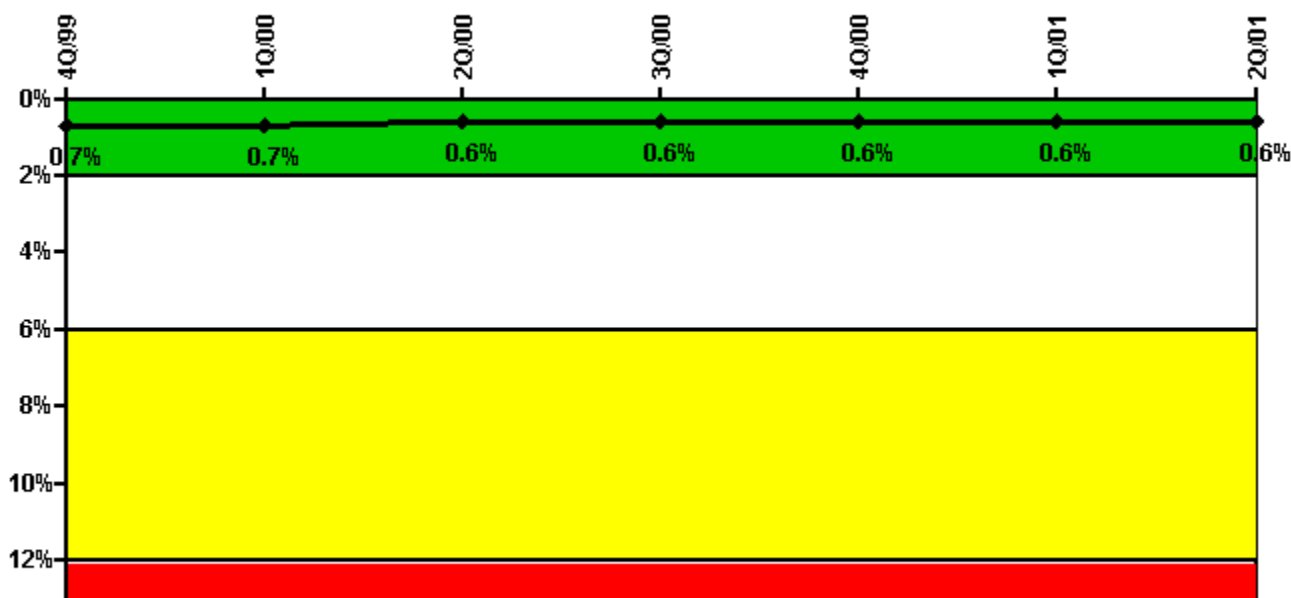
2Q/01: Following the 2001 refueling outage a support component for the "A" Charging Pump was not adequately filled and vented. This may have resulted in the pump being unavailable and may require the addition of 371.93 Fault Exposure Hours for the 1st quarter 2001 (March), and the balance (1756.95 Fault Exposure Hours) in the 2nd quarter 2001. This event is still under review. The addition of these Fault Exposure Hours in the 2nd quarter 2001 resulted in the indicator crossing the GREEN/WHITE threshold.

2Q/01: Following the 2001 refueling outage a support component for the "A" Charging Pump was not adequately filled and vented. An engineering review performed by Westinghouse determined the "A" Charging Pump remained available. The 371.93 Fault Exposure Hours reported for the 1st quarter 2001 (March), the balance (1756.95 Fault Exposure Hours) reported for the 2nd quarter 2001 have been removed, and the Unplanned Unavailable Hours were revised for June. The removal of these Fault Exposure Hours and the revision of the Unplanned Unavailable in the 2nd quarter 2001 results in the indicator remaining in the GREEN performance band.

1Q/01: Following the 2001 refueling outage a support component for the "A" Charging Pump was not adequately filled and vented. An engineering review performed by Westinghouse determined the "A" Charging Pump remained available. The 371.93 Fault Exposure Hours reported for March have been removed. The removal of these Fault Exposure Hours in the 1st quarter 2001 results in the indicator remaining in the GREEN performance band.

1Q/01: Following the 2001 refueling outage a support component for the "A" Charging Pump was not adequately filled and vented. This may have resulted in the pump being unavailable and may require the addition of 371.93 Fault Exposure Hours for March. This event is still under review. The addition of these Fault Exposure Hours did not result in the indicator crossing the GREEN/WHITE threshold in the 1st quarter.

Safety System Unavailability, Heat Removal System (AFW)



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

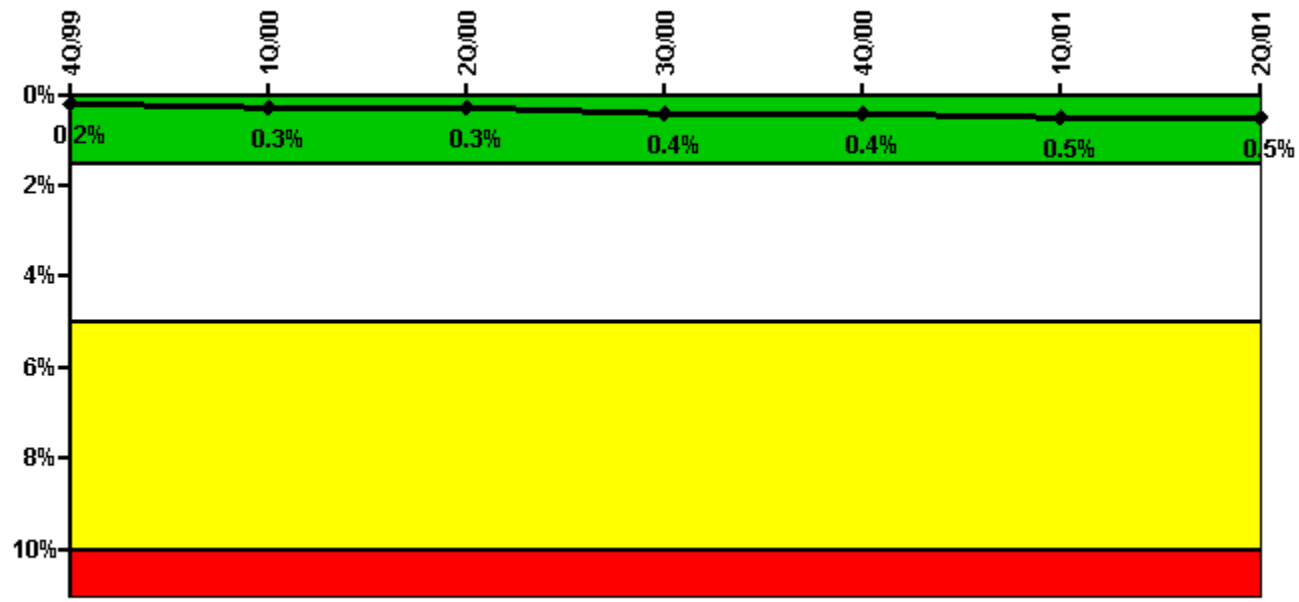
Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	9.88	9.92	2.97	13.20	3.78	1.90	2.08
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0

Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1112.07	2183.00
Train 2							
Planned unavailable hours	3.95	11.45	9.69	6.52	1.98	6.10	3.85
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1112.07	2183.00
Train 3							
Planned unavailable hours	13.47	5.96	9.47	23.00	3.75	34.79	20.27
Unplanned unavailable hours	26.03	10.28	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1112.07	2183.00
Indicator value	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

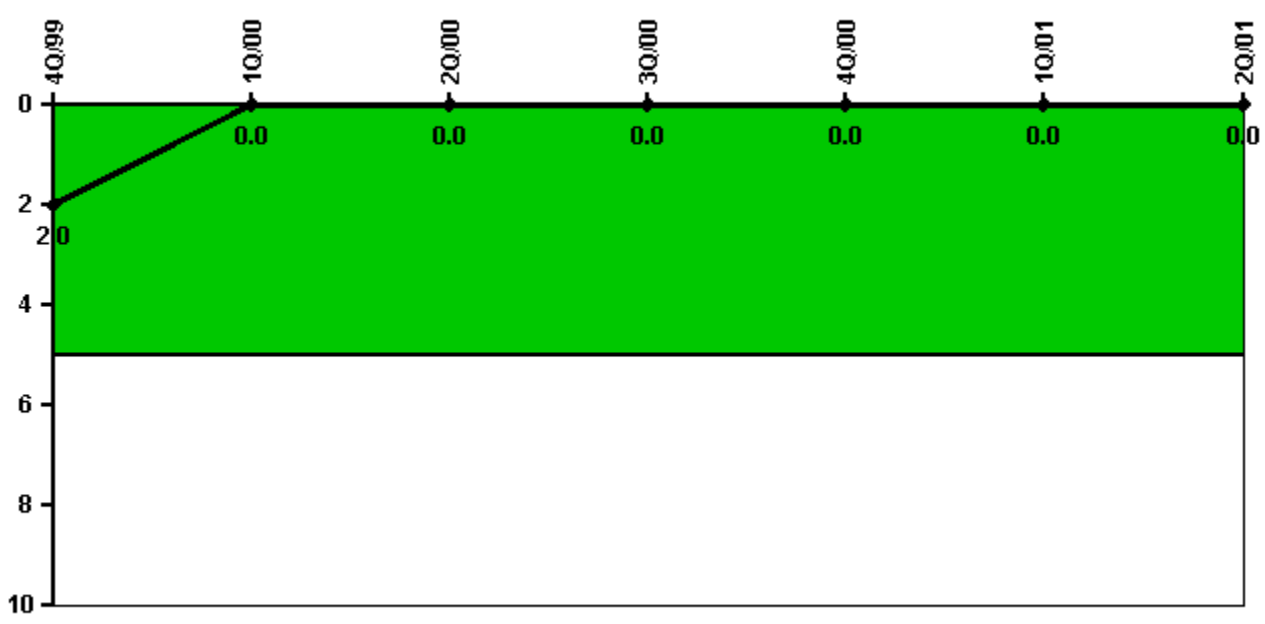
Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	23.60	9.70	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0

Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	0	0	0	1043.50	0
Train 2							
Planned unavailable hours	13.54	17.60	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	0	0	0	1043.50	0
Train 3							
Planned unavailable hours	10.30	9.08	13.33	17.19	5.83	1.20	30.00
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1182.70	2183.00
Train 4							
Planned unavailable hours	17.40	3.70	7.47	31.62	6.02	8.14	6.84
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	1182.70	2183.00
Indicator value	0.2%	0.3%	0.3%	0.4%	0.4%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



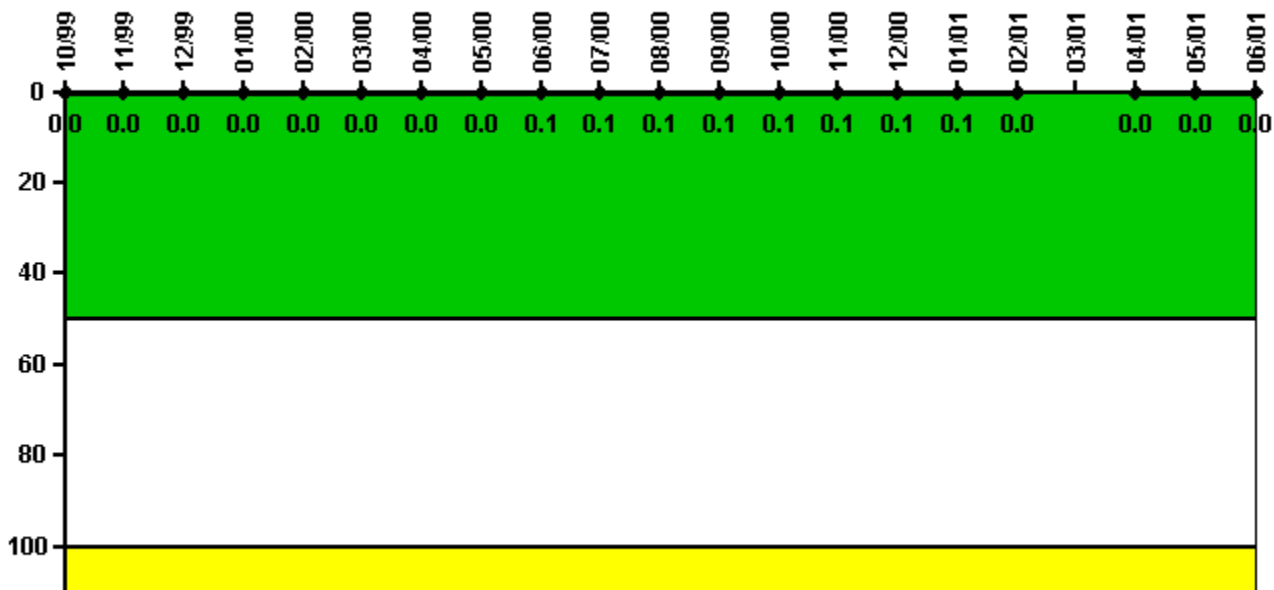
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Safety System Functional Failures	0	0	0	0	0	0	0
Indicator value	2	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

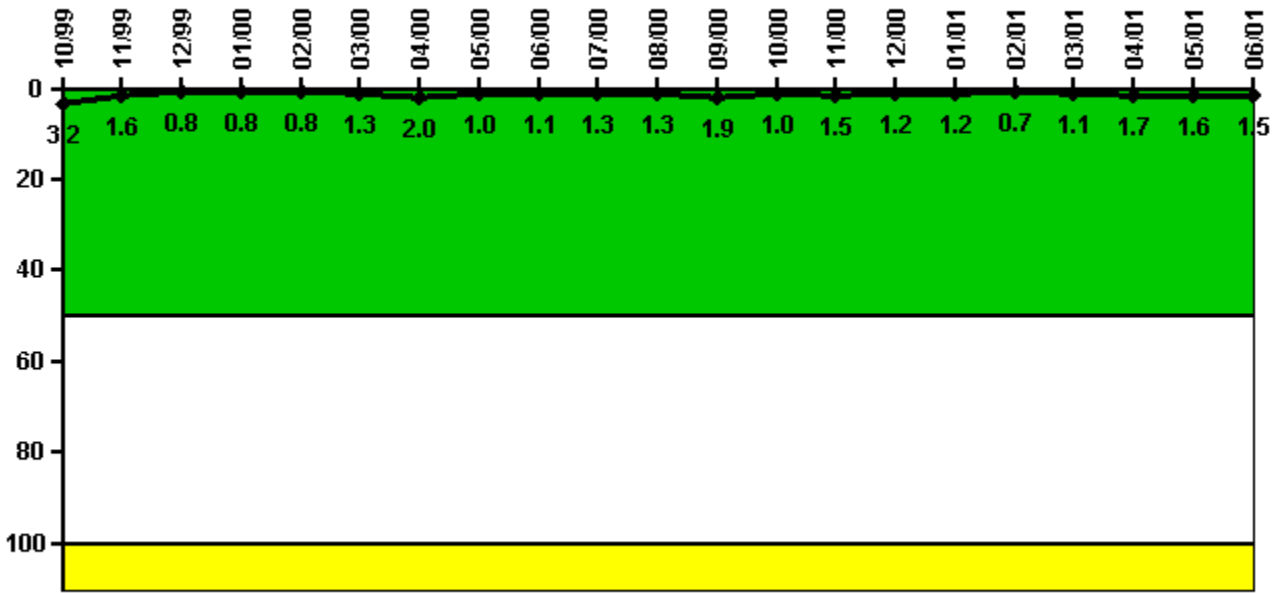
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.000335	0.000348	0.000362	0.000424	0.000442	0.000486	0.000477	0.000488	0.000505	0.000508	0.000517	0.000538
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	0	0	0	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000540	0.000543	0.000578	0.000541	0.000439	N/A	0.000209	0.000279	0.000231
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0	N/A	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

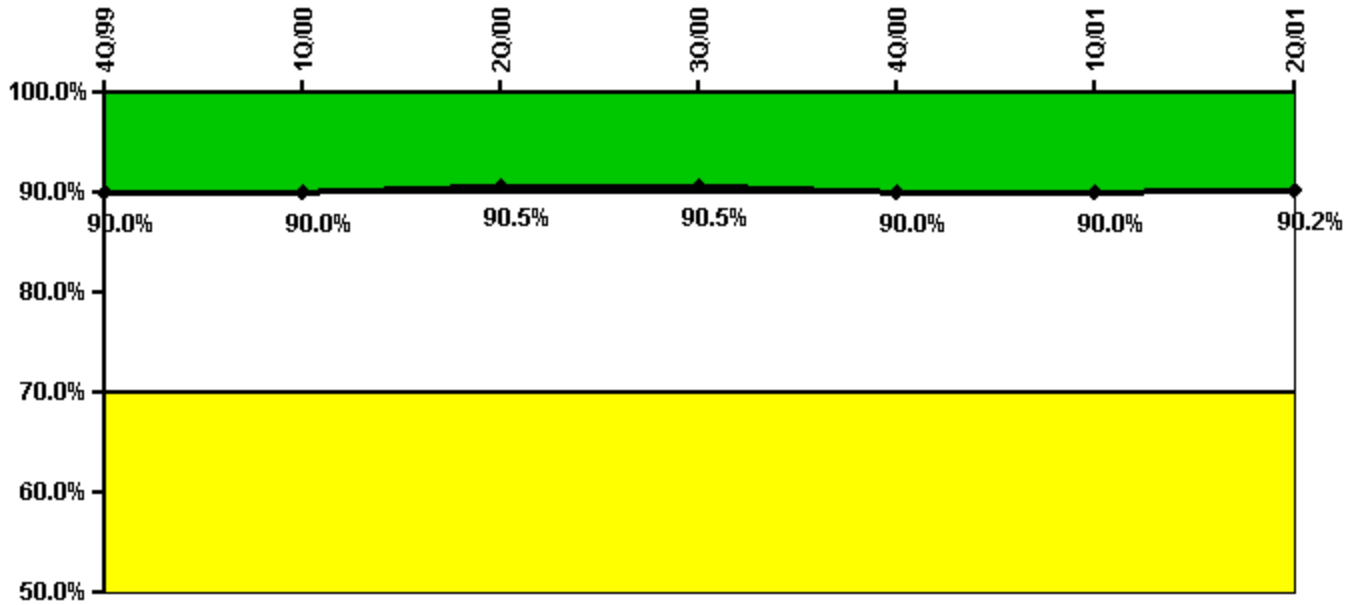
Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.320	0.160	0.080	0.075	0.084	0.127	0.203	0.099	0.107	0.131	0.134	0.185
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	3.2	1.6	0.8	0.8	0.8	1.3	2.0	1.0	1.1	1.3	1.3	1.9

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.098	0.146	0.124	0.119	0.069	0.106	0.173	0.161	0.146
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	1.5	1.2	1.2	0.7	1.1	1.7	1.6	1.5

Licensee Comments: none

Drill/Exercise Performance



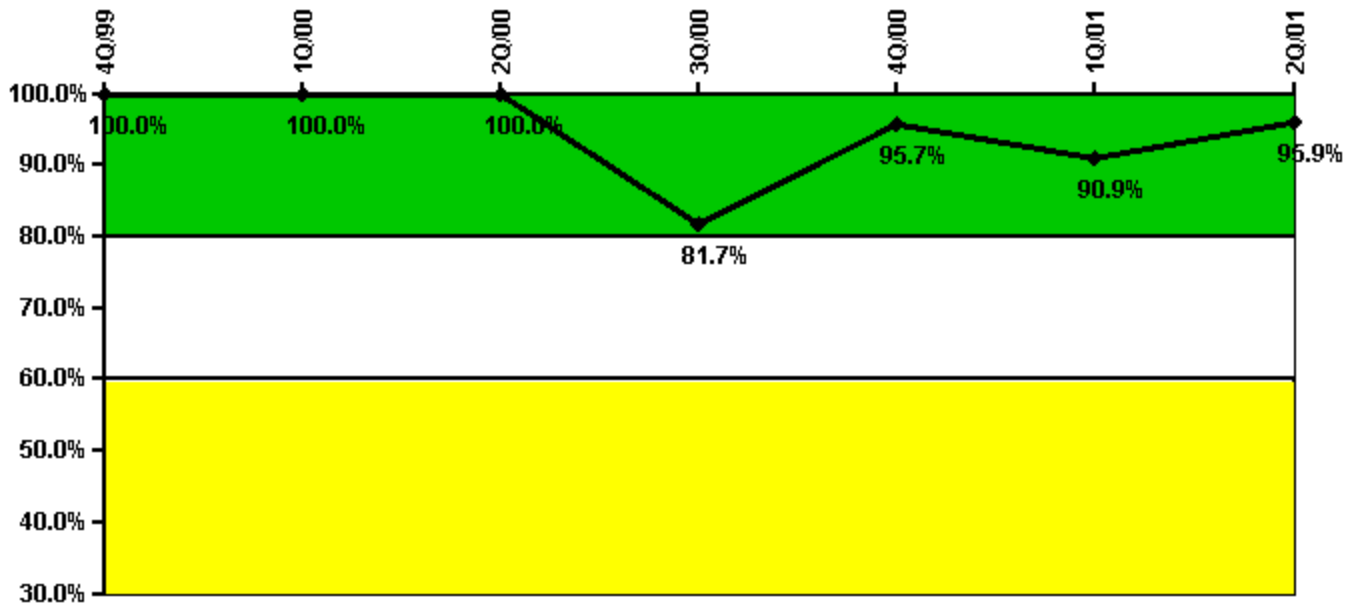
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	12.0	27.0	14.0	0	11.0	0	41.0
Total opportunities	14.0	28.0	14.0	0	12.0	0	45.0
Indicator value	90.0%	90.0%	90.5%	90.5%	90.0%	90.0%	90.2%

Licensee Comments: none

ERO Drill Participation



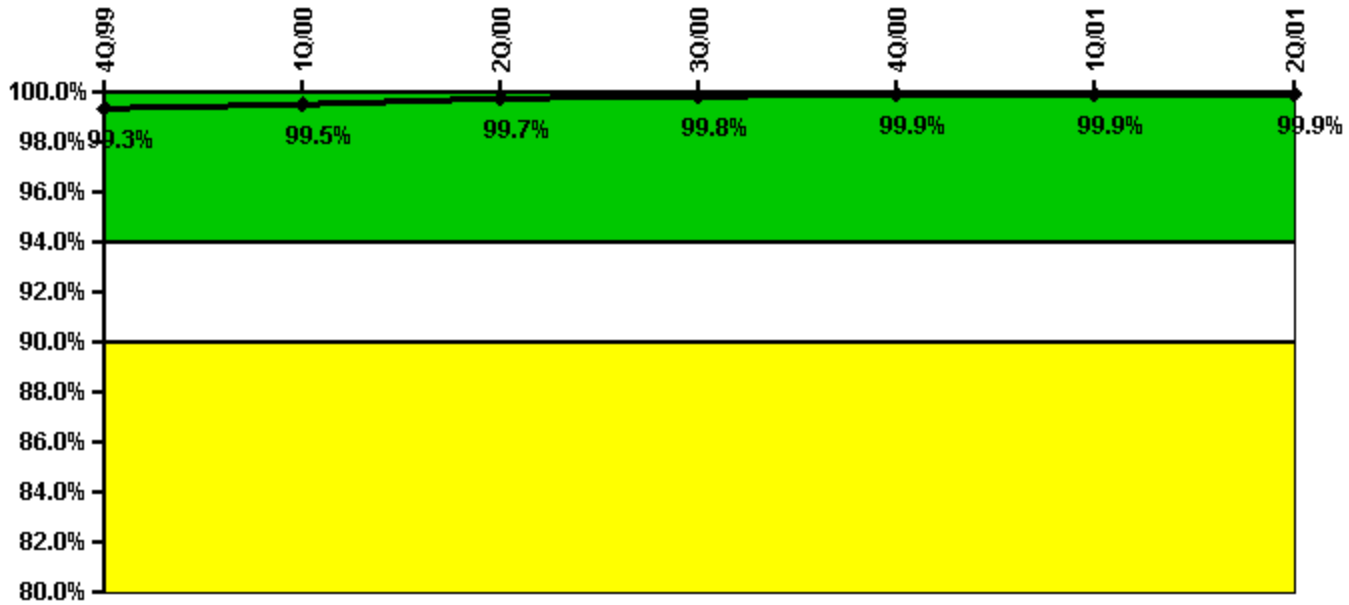
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	74.0	76.0	55.0	58.0	66.0	60.0	71.0
Total Key personnel	74.0	76.0	55.0	71.0	69.0	66.0	74.0
Indicator value	100.0%	100.0%	100.0%	81.7%	95.7%	90.9%	95.9%

Licensee Comments: none

Alert & Notification System



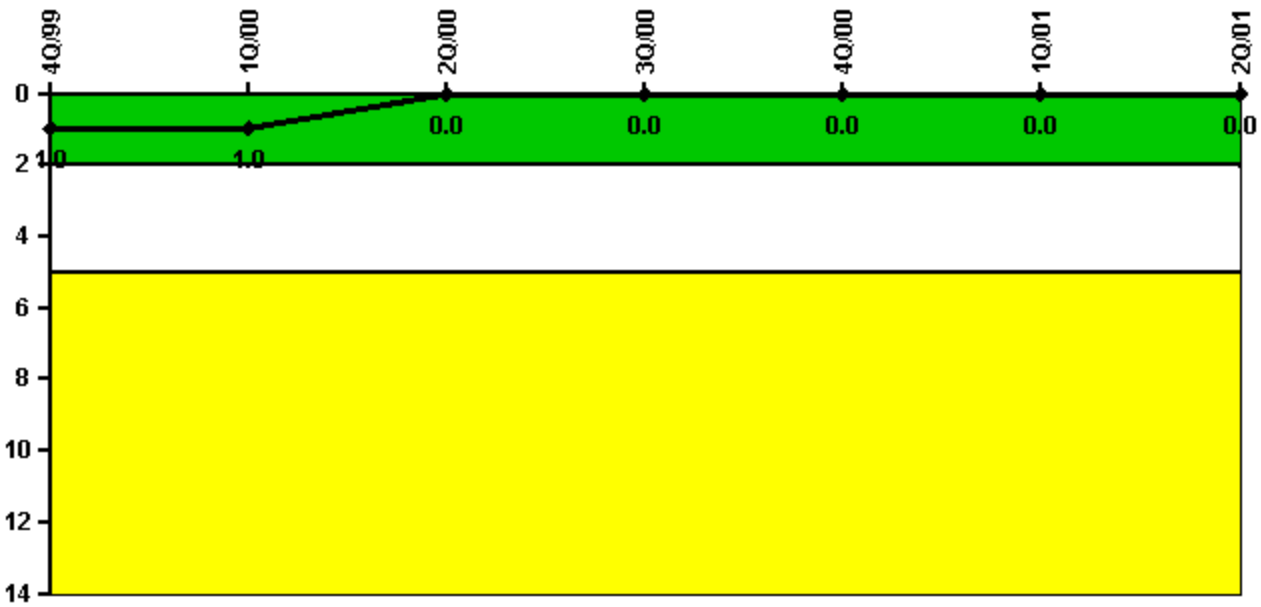
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	335	304	308	308	474	314	316
Total sirens-tests	336	306	308	308	474	316	316
Indicator value	99.3%	99.5%	99.7%	99.8%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



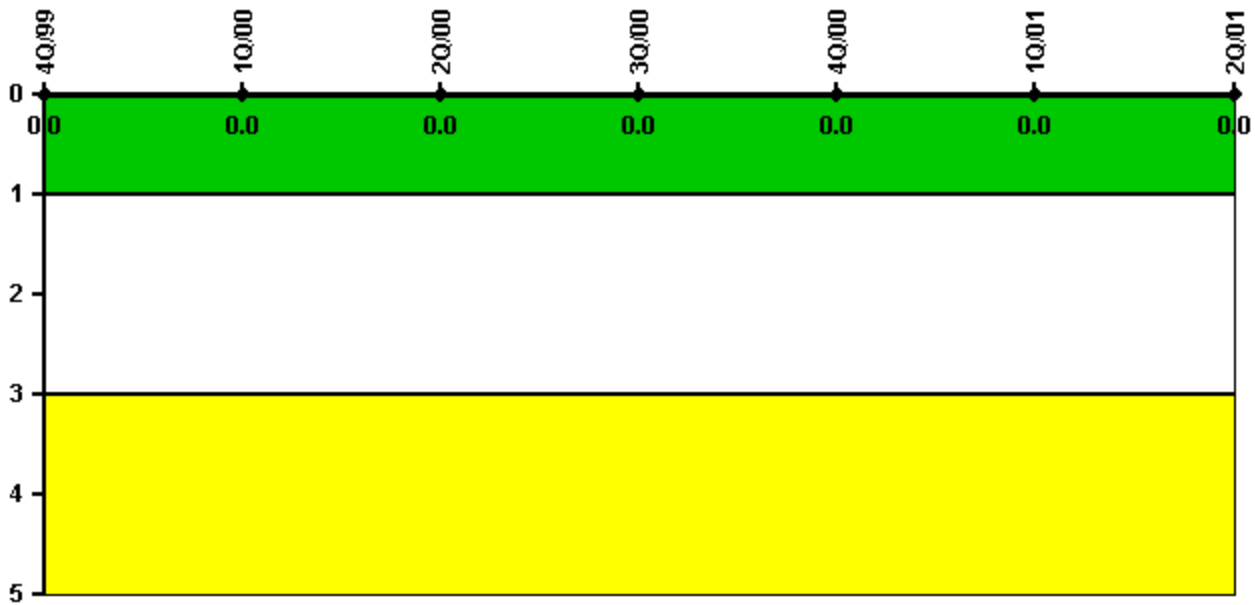
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
High radiation area occurrences	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0
Indicator value	1	1	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



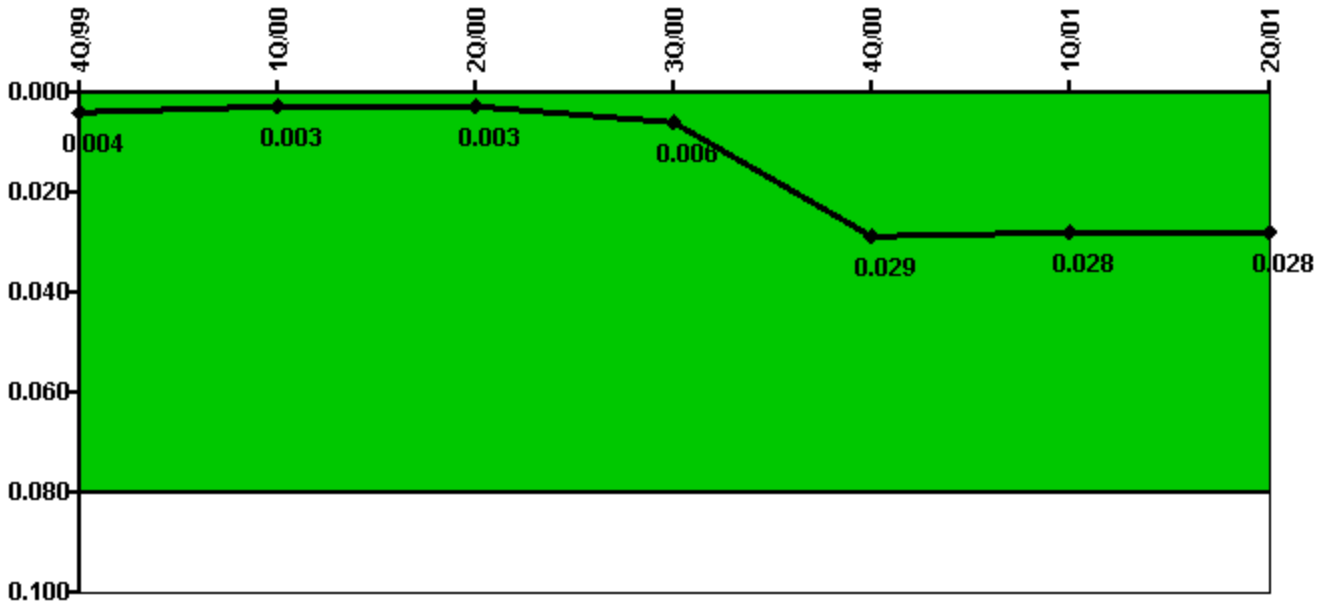
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



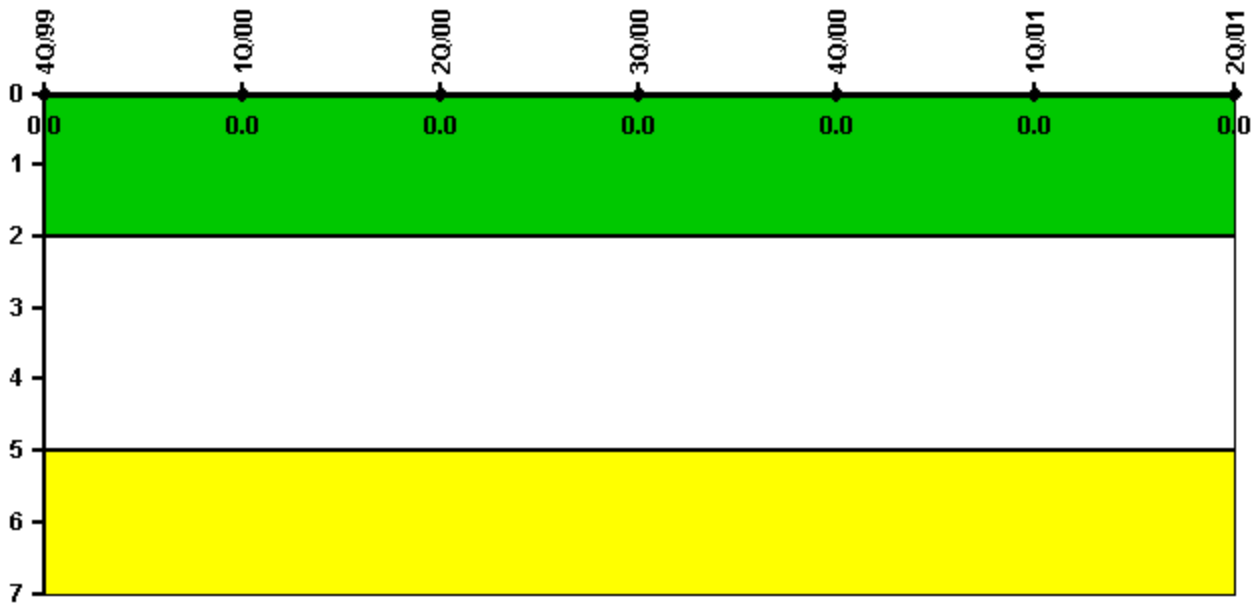
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	17.70	29.10	15.10	134.00	1037.00	0	28.70
CCTV compensatory hours	0.5	0	29.1	12.9	0	10.5	0
IDS normalization factor	2.55	2.55	2.50	2.50	2.50	2.50	2.50
CCTV normalization factor	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Index Value	0.004	0.003	0.003	0.006	0.029	0.028	0.028

Licensee Comments: none

Personnel Screening Program



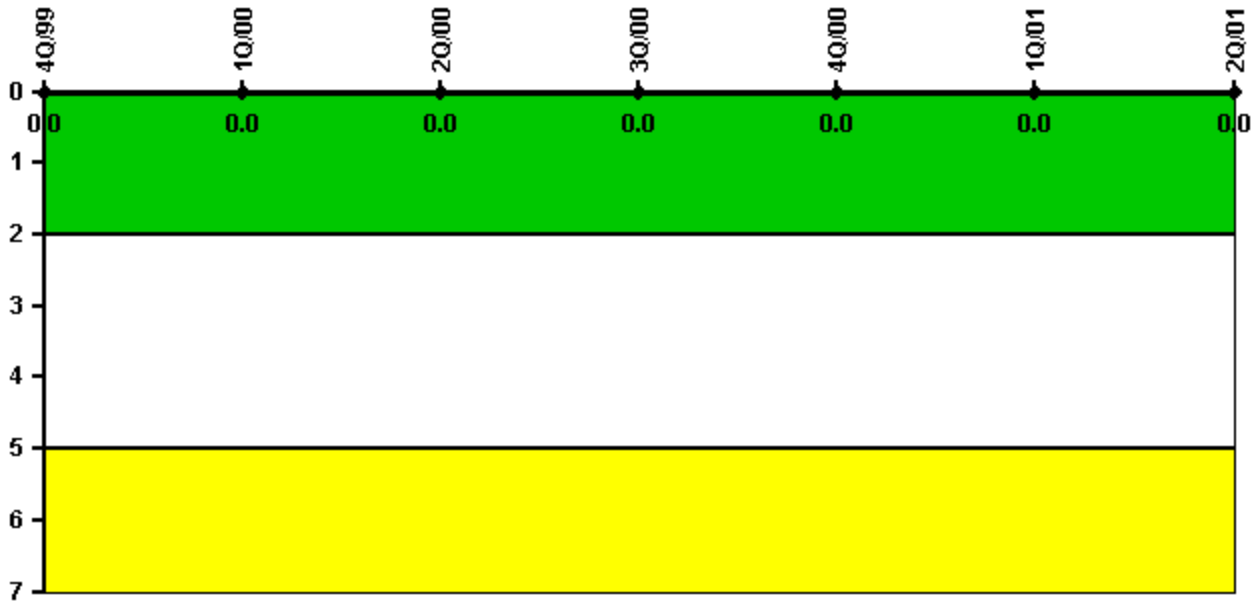
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Program failures	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Program Failures	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 27, 2002