

Perry 1

3Q/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	3Q/01
Unplanned scrams	0	0	0	0	0	0	1.0	1.0
Critical hours	2209.0	2184.0	1924.0	2208.0	2209.0	1380.6	1640.9	1798.9
Indicator value	0	0	0	0	0	0	0.9	2.0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



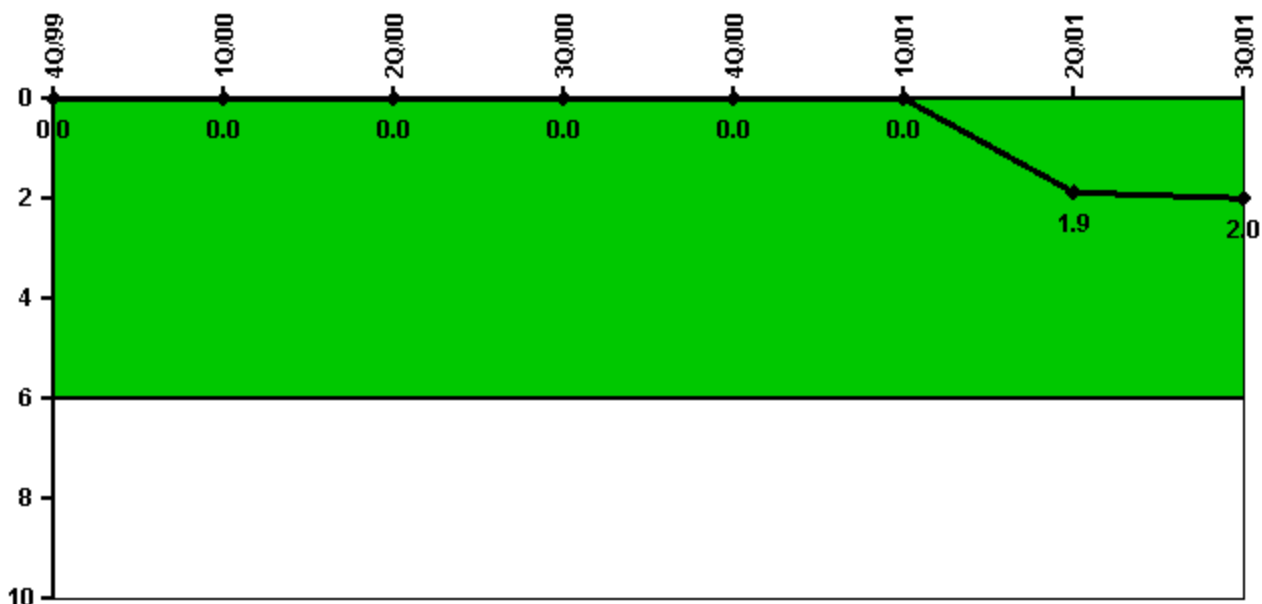
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Scrams	0	0	0	0	0	0	1.0	1.0
Indicator value	0	0	0	0	0	0	1.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

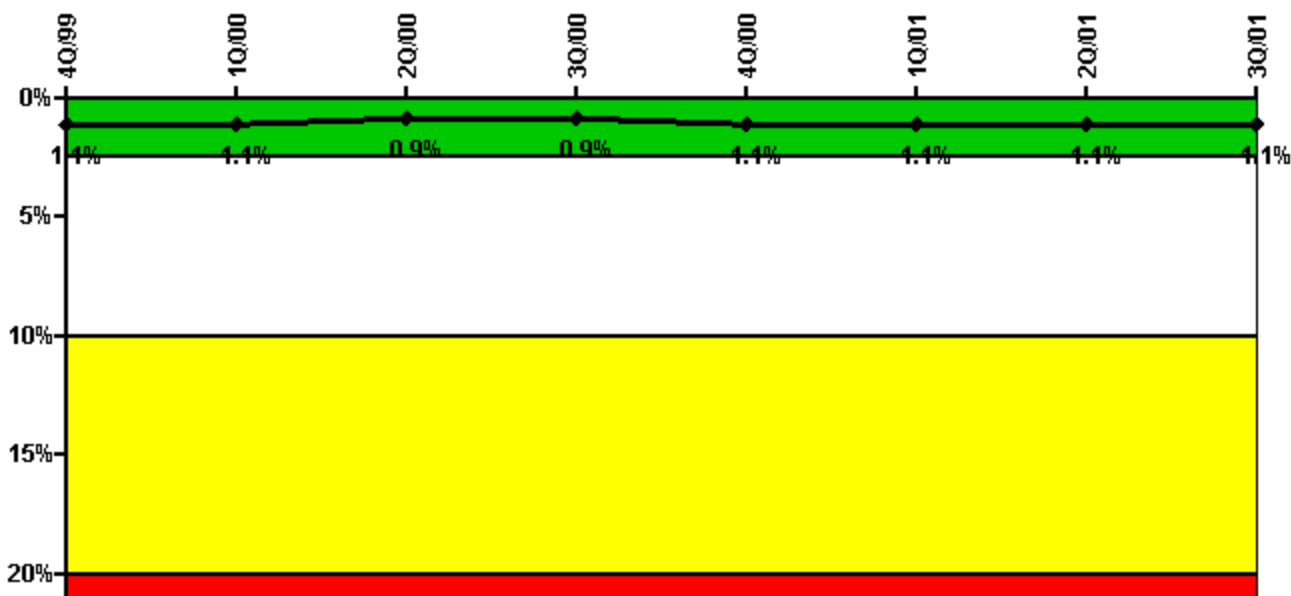
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	0	0	0	0	0	0	2.0	0
Critical hours	2209.0	2184.0	1924.0	2208.0	2209.0	1380.6	1640.9	1798.9
Indicator value	0	0	0	0	0	0	1.9	2.0

Licensee Comments:

2Q/01: Revised Data: For 04/2001 - Upon feedback through the FAQ process, a power change that preceded a scram that occurred in April should be counted as an unplanned power change. This does not affect the indicator color.

Safety System Unavailability, Emergency AC Power, >2EDG



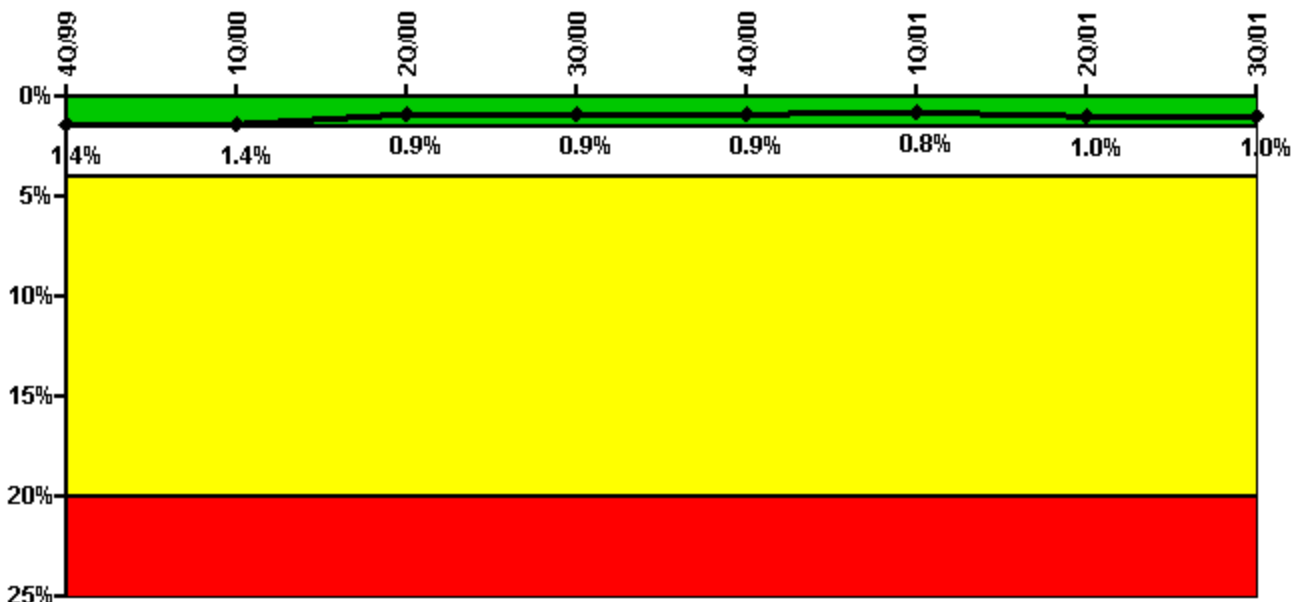
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	112.30	17.60	7.79	51.85	4.75	6.97	5.87	53.05
Unplanned unavailable hours	0	0	0	0	0	0	13.92	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	59.30	13.46	8.04	4.30	34.35	14.57	7.56	17.10
Unplanned unavailable hours	0	0	0	0	122.83	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	1.98	71.59	1.74	25.72	1.00	33.69	12.15
Unplanned unavailable hours	0	11.63	0	0	0	0	0	4.58
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	1.1%	1.1%	0.9%	0.9%	1.1%	1.1%	1.1%	1.1%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCS)



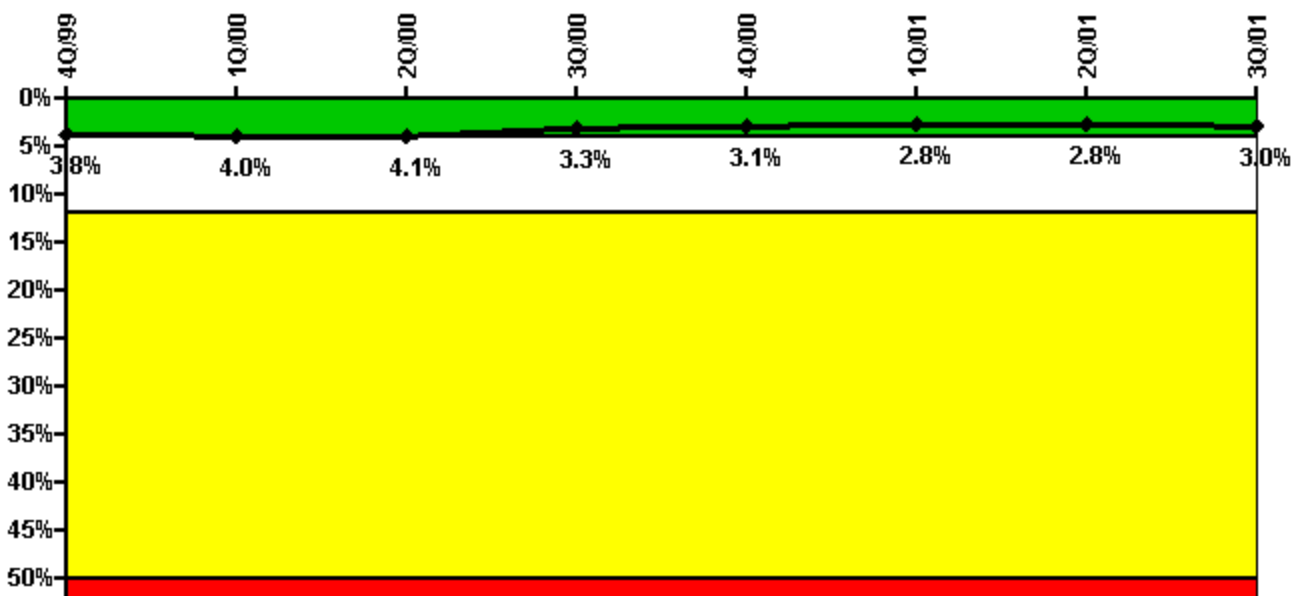
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCS)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	1.18	52.40	1.50	9.07	1.18	31.13	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	2209.00	2184.00	1924.00	2208.00	2209.00	1380.60	1640.90	1798.90
Indicator value	1.4%	1.4%	0.9%	0.9%	0.9%	0.8%	1.0%	1.0%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



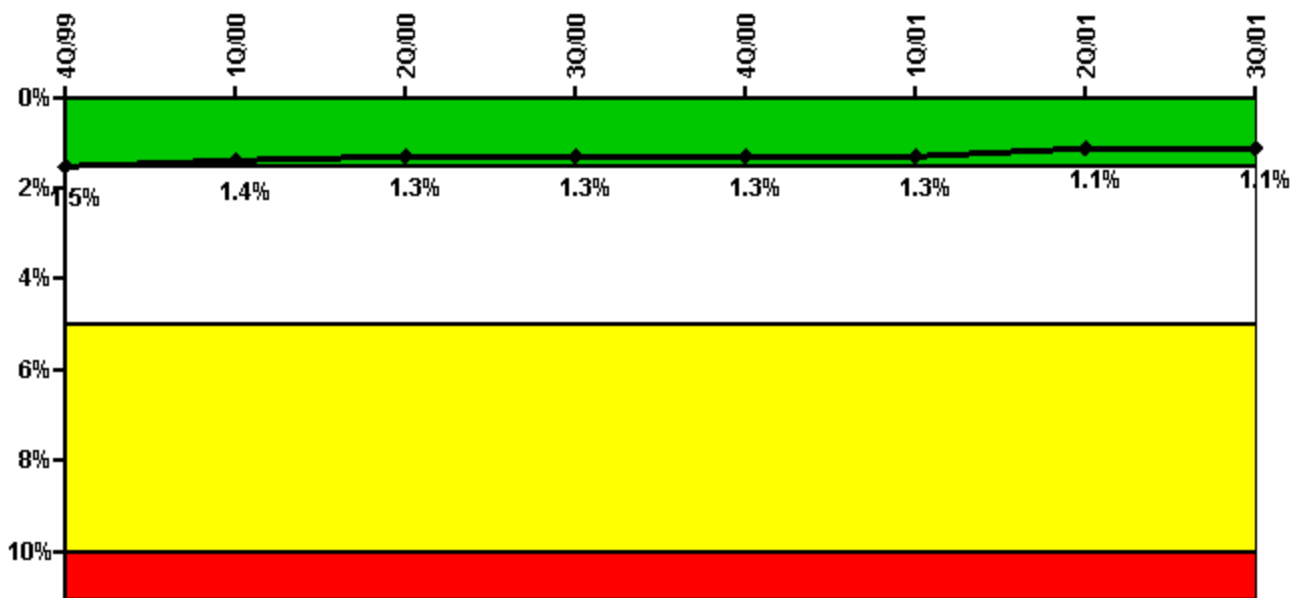
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	72.33	2.60	60.92	16.56	60.75	39.38	42.53
Unplanned unavailable hours	0	7.80	29.20	0	0	0	0	2.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1924.00	2208.00	2209.00	1380.60	1640.90	1798.90
Indicator value	3.8%	4.0%	4.1%	3.3%	3.1%	2.8%	2.8%	3.0%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



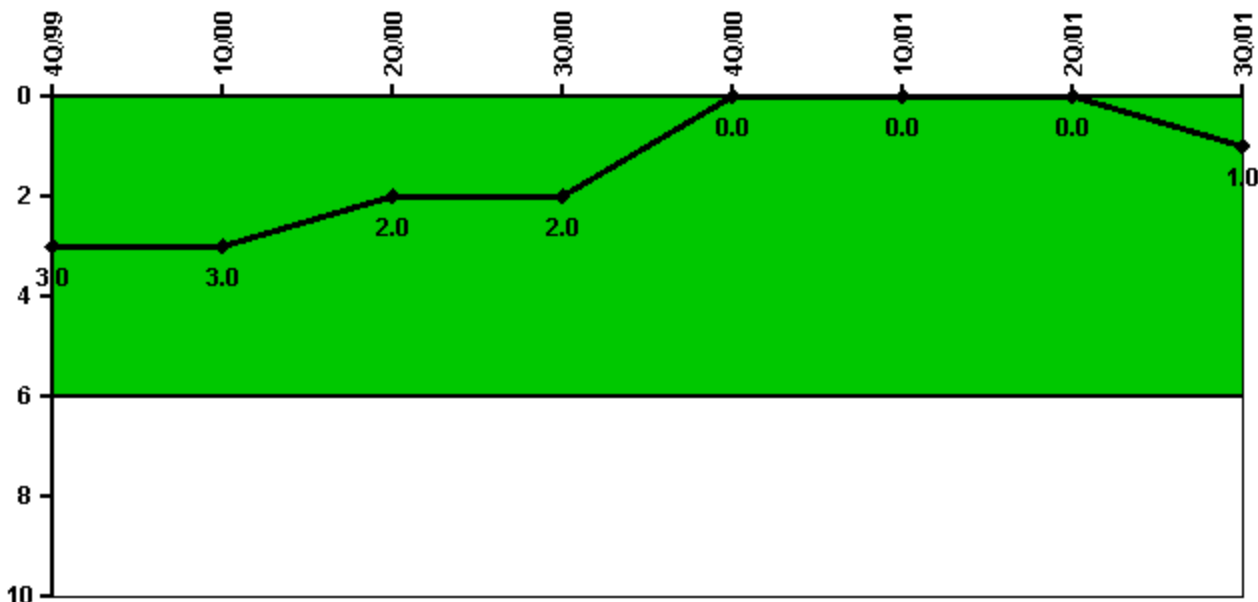
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	3.07	6.46	84.67	15.28	3.65	4.87	82.80
Unplanned unavailable hours	0	0	0	0	0	0.85	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	136.00	14.70	1.32	12.80	50.50	0.50	0	0.55
Unplanned unavailable hours	0	0	0	0	11.92	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	1.5%	1.4%	1.3%	1.3%	1.3%	1.3%	1.1%	1.1%

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

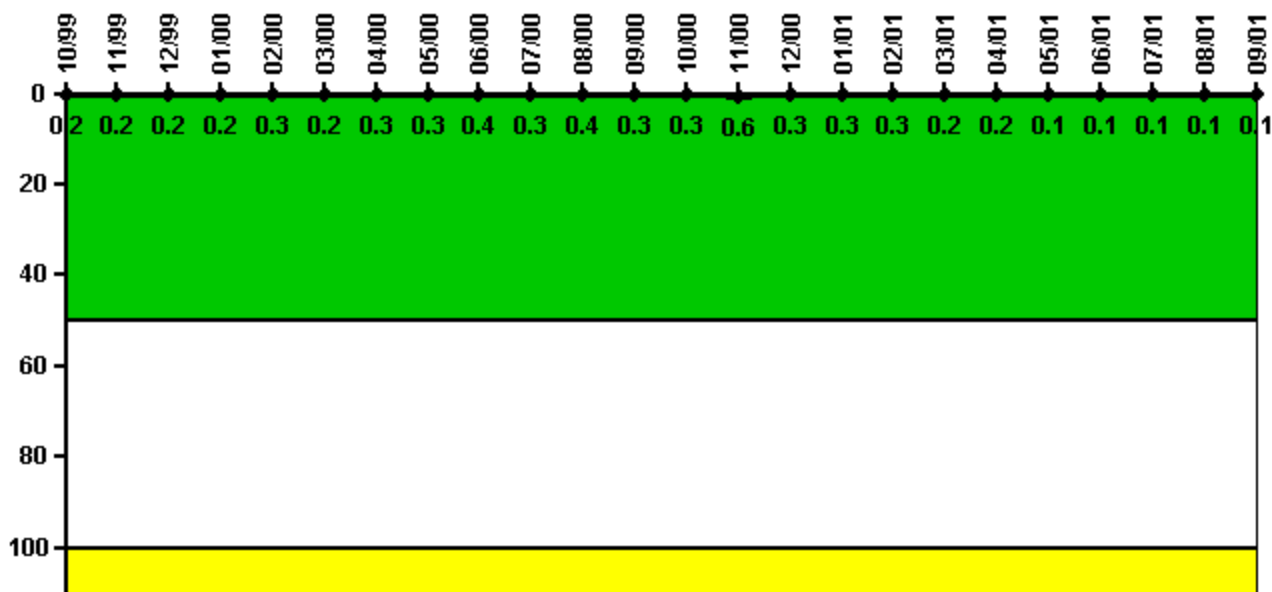
Notes

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

Licensee Comments:

4Q/00: Revised Data: For 12/2000 - An event involving Emergency Service Water operability was initially reported as a Loss of Safety Function as well as Outside the Design Basis (LER 2000-005). Subsequent analysis determined that no loss of safety function occurred and the LER was supplemented to retract that portion of the report (LER 2000-005-01). The NRC closed the LER in Inspection Report 2000-013, dated 12/11/01. Therefore, the SSFF that had been recorded for 12/2000 has been removed. This does not affect the indicator color.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

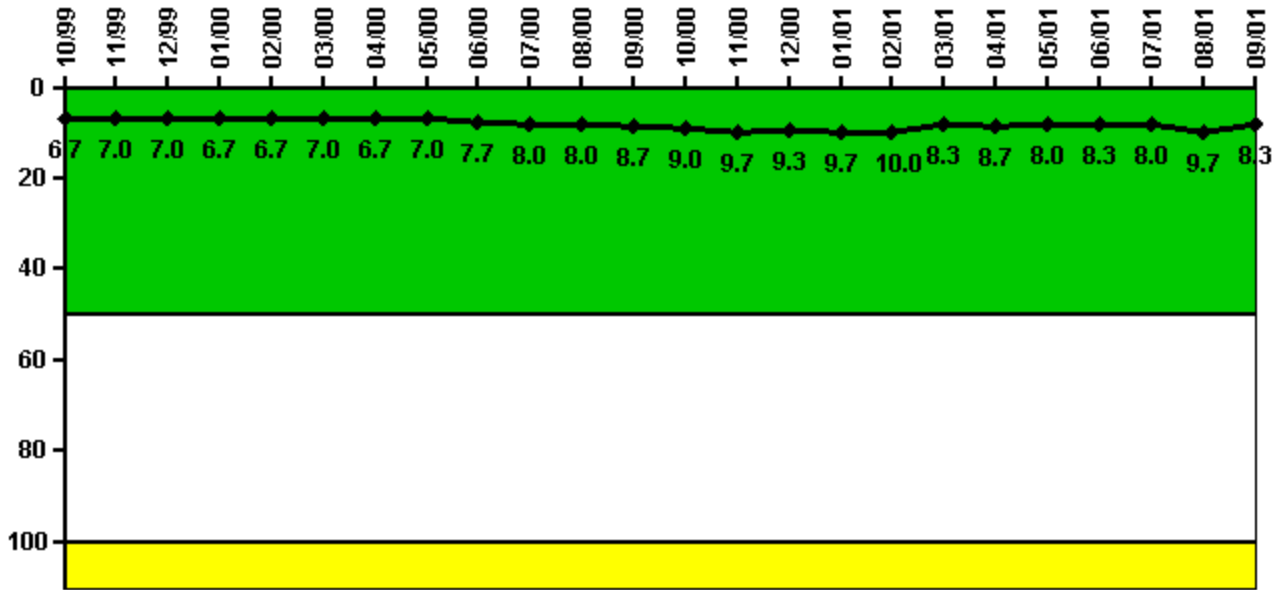
Notes

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	0.000354	0.000338	0.000349	0.000380	0.000613	0.000389	0.000561	0.000616	0.000778	0.000663	0.000777	0.000615
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.4	0.3	0.4	0.3

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.000653	0.001110	0.000656	0.000635	0.000595	0.000437	0.000392	0.000206	0.000270	0.000258	0.000157	0.000197
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.3	0.6	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

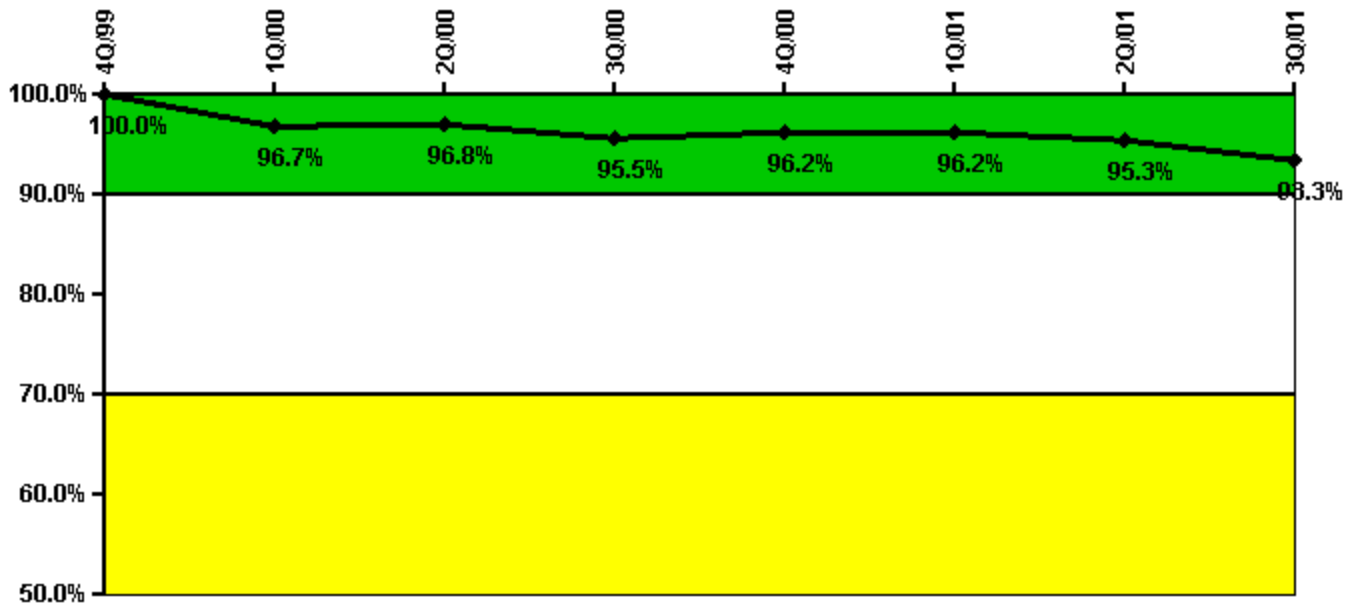
Notes

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	2.000	2.100	2.100	2.000	2.000	2.100	2.000	2.100	2.300	2.400	2.400	2.600
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	6.7	7.0	7.0	6.7	6.7	7.0	6.7	7.0	7.7	8.0	8.0	8.7

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	2.700	2.900	2.800	2.900	3.000	2.500	2.600	2.400	2.500	2.400	2.900	2.500
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	9.0	9.7	9.3	9.7	10.0	8.3	8.7	8.0	8.3	8.0	9.7	8.3

Licensee Comments: none

Drill/Exercise Performance



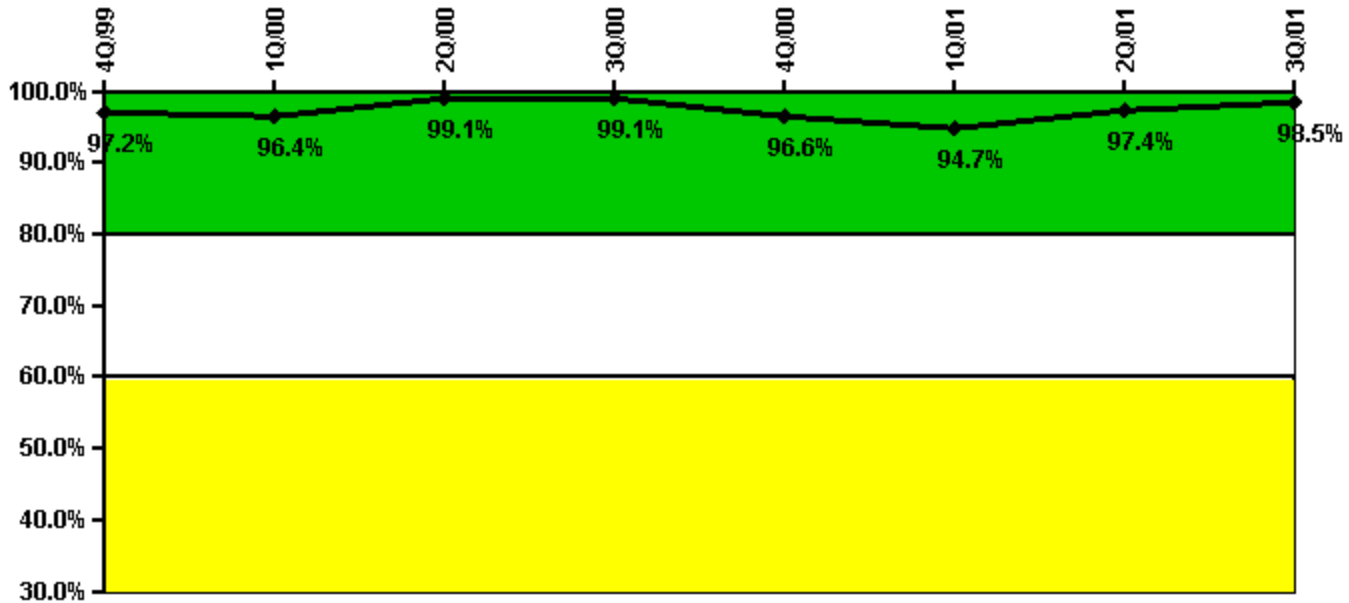
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	15.0	23.0	32.0	14.0	45.0	0	13.0	24.0
Total opportunities	15.0	25.0	33.0	16.0	46.0	0	15.0	28.0
Indicator value	100.0%	96.7%	96.8%	95.5%	96.2%	96.2%	95.3%	93.3%

Licensee Comments: none

ERO Drill Participation



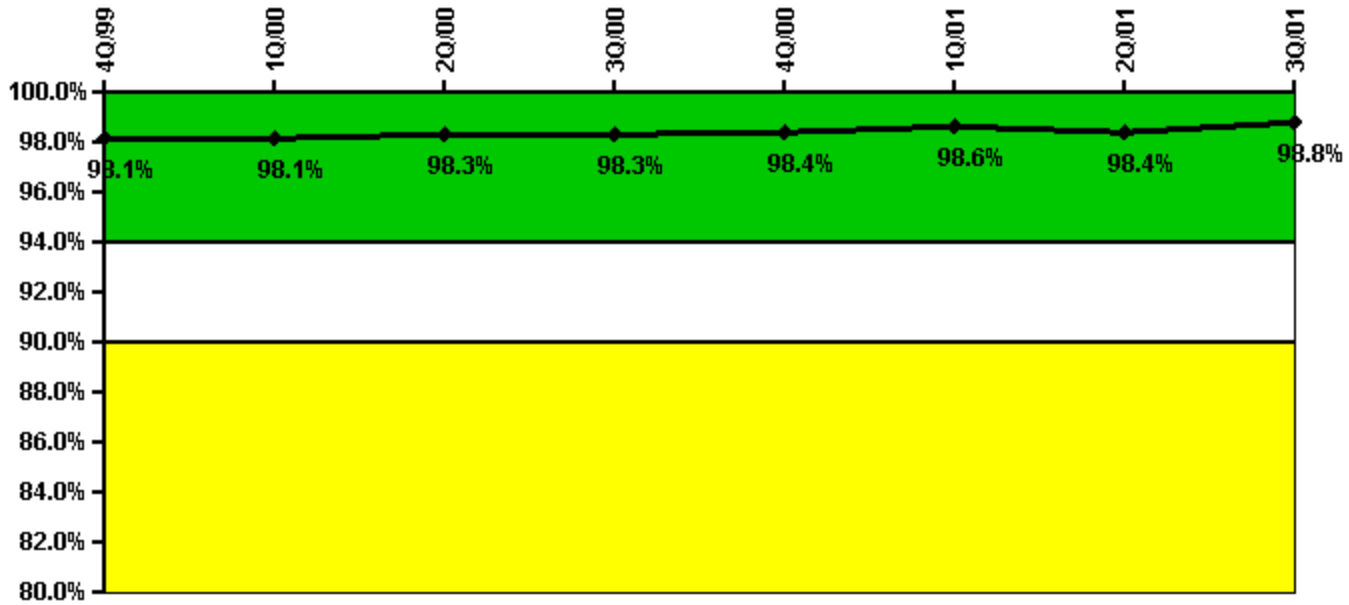
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	105.0	106.0	109.0	105.0	113.0	107.0	111.0	134.0
Total Key personnel	108.0	110.0	110.0	106.0	117.0	113.0	114.0	136.0
Indicator value	97.2%	96.4%	99.1%	99.1%	96.6%	94.7%	97.4%	98.5%

Licensee Comments: none

Alert & Notification System



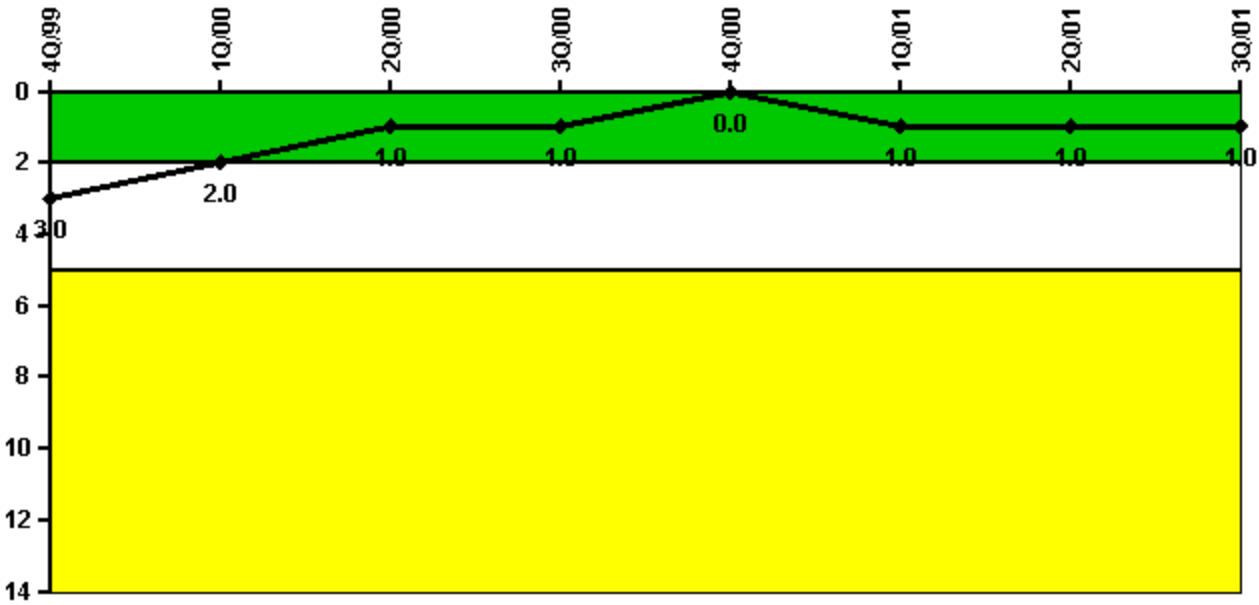
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	520	525	526	521	523	528	521	530
Total sirens-tests	532	532	532	532	532	532	532	532
Indicator value	98.1%	98.1%	98.3%	98.3%	98.4%	98.6%	98.4%	98.8%

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	3Q/01
High radiation area occurrences	1	0	0	0	0	1	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	3	2	1	1	0	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



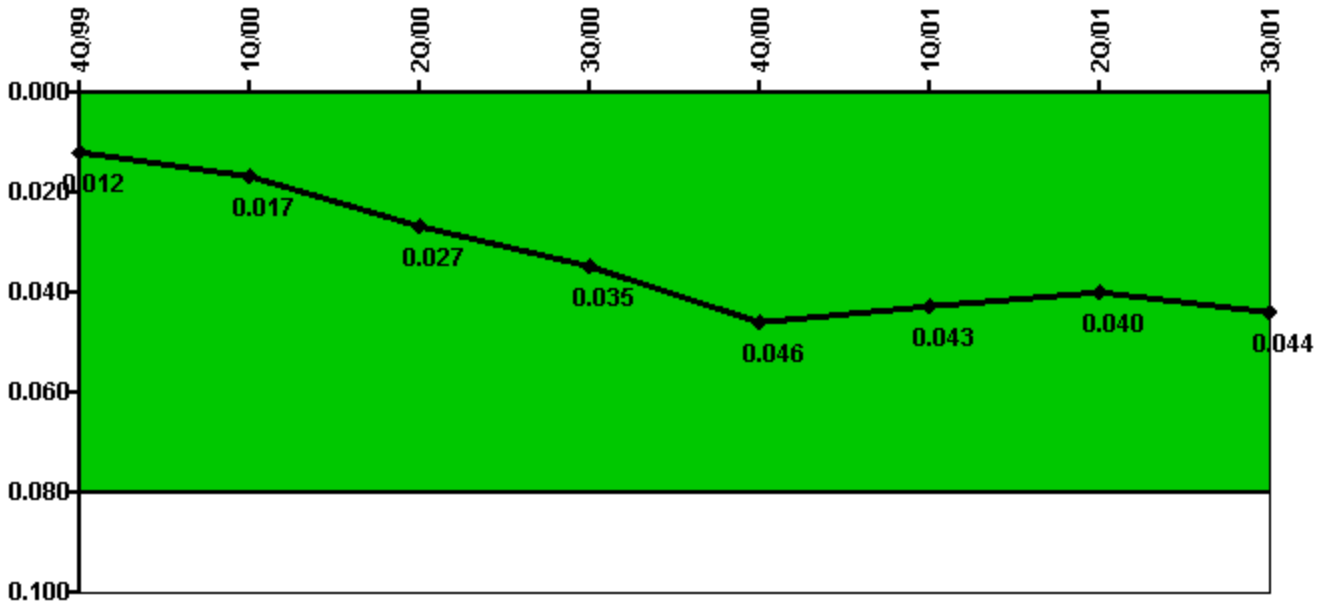
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
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



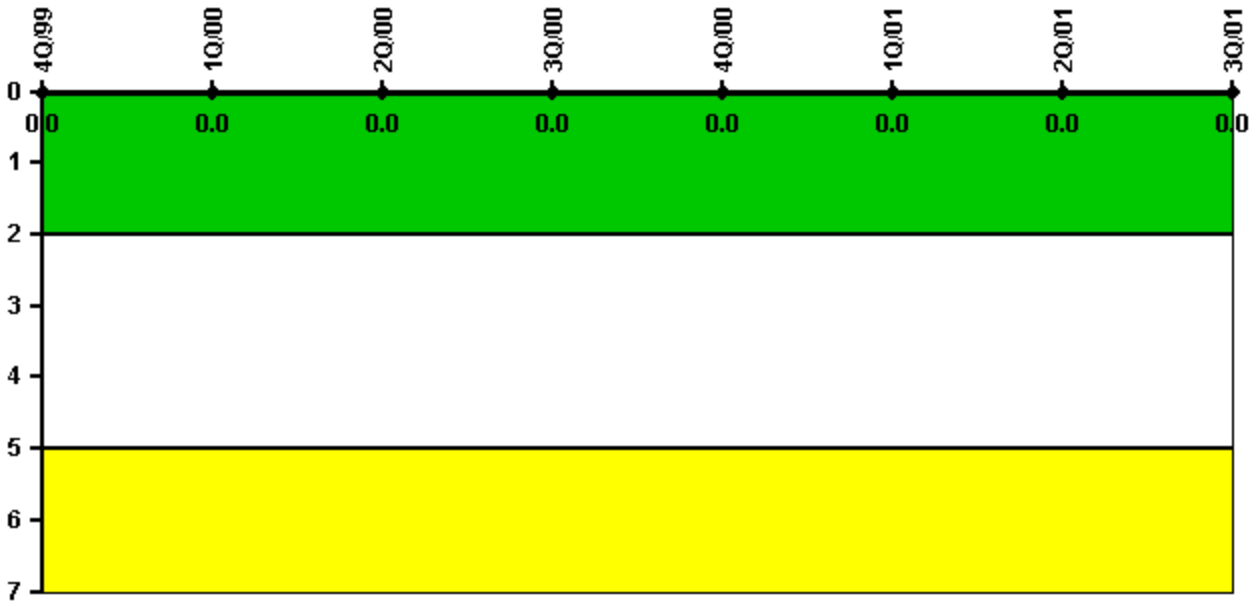
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
IDS compensatory hours	34.70	143.80	263.20	221.30	208.70	59.40	197.50	289.60
CCTV compensatory hours	6.8	2.8	0	6.0	36.2	28.5	1.0	14.3
IDS normalization factor	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.012	0.017	0.027	0.035	0.046	0.043	0.040	0.044

Licensee Comments: none

Personnel Screening Program



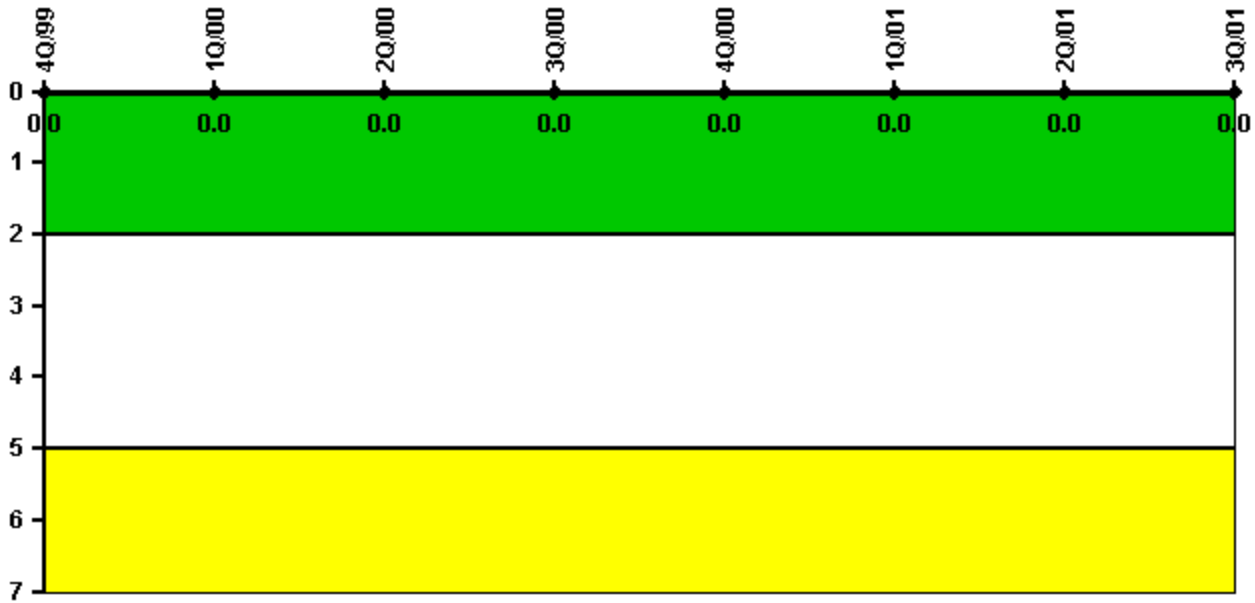
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
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](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 26, 2002