

Crystal River 3

3Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



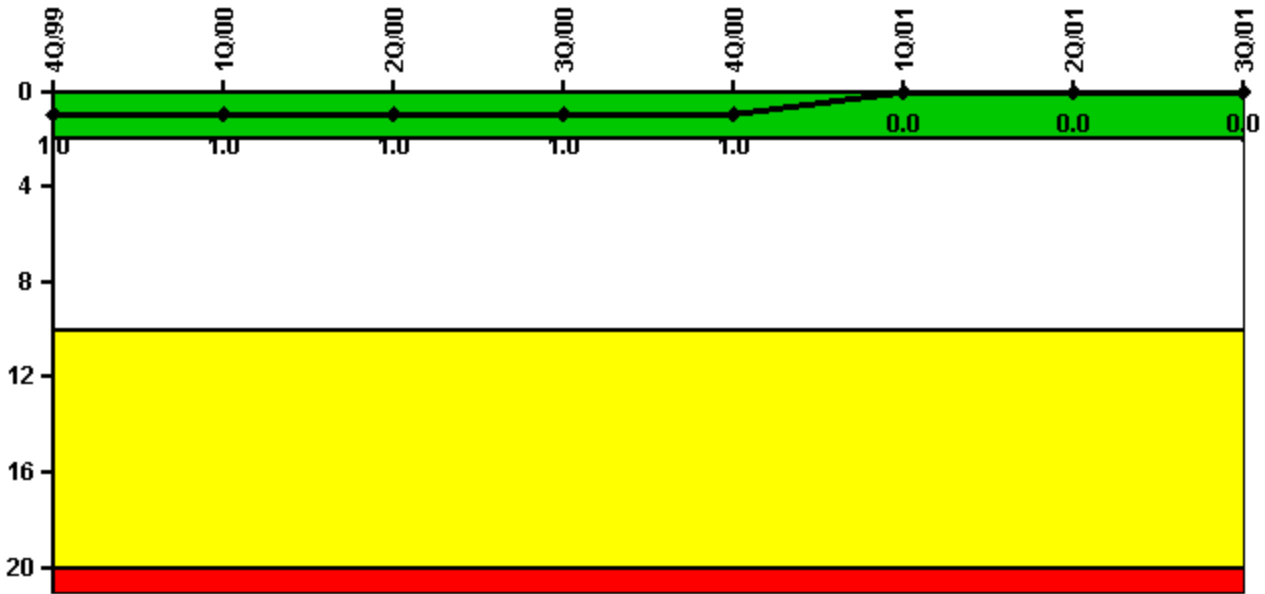
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0
Critical hours	1139.0	2184.0	2136.4	2045.2	2209.0	2160.0	1861.0	2161.3
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



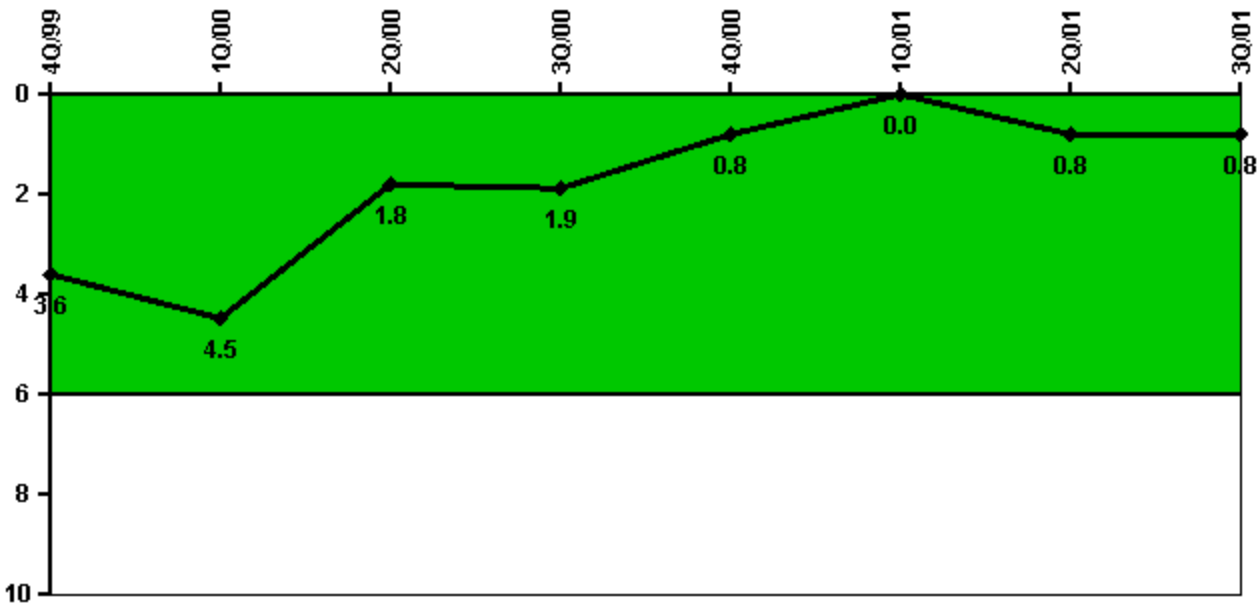
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



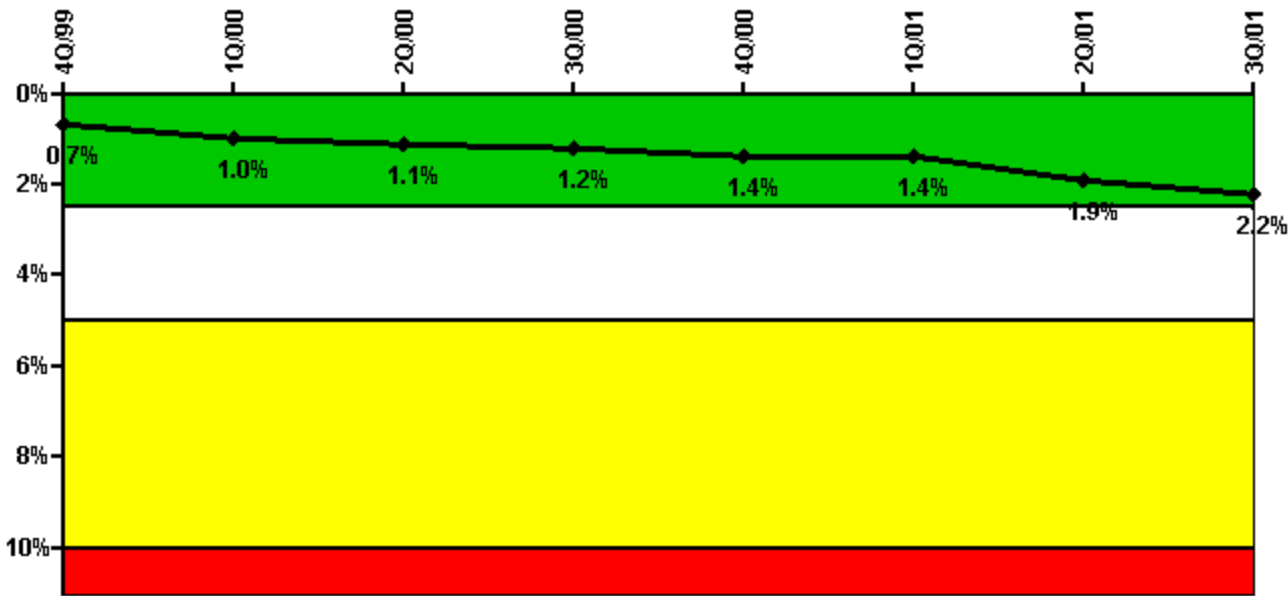
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	1.0	1.0	0	0	0	0	1.0	0
Critical hours	1139.0	2184.0	2136.4	2045.2	2209.0	2160.0	1861.0	2161.3
Indicator value	3.6	4.5	1.8	1.9	0.8	0	0.8	0.8

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	3Q/01
Train 1								
Planned unavailable hours	0	51.46	24.37	16.85	39.97	32.24	32.20	28.49
Unplanned unavailable hours	0	52.60	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	35.24	27.05	39.00	41.17	38.80	25.42	44.66
Unplanned unavailable hours	0	0	0	0	0	0	0	16.62
Fault exposure hours	0	0	0	0	0	0	237.71	107.58
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	0.7%	1.0%	1.1%	1.2%	1.4%	1.4%	1.9%	2.2%

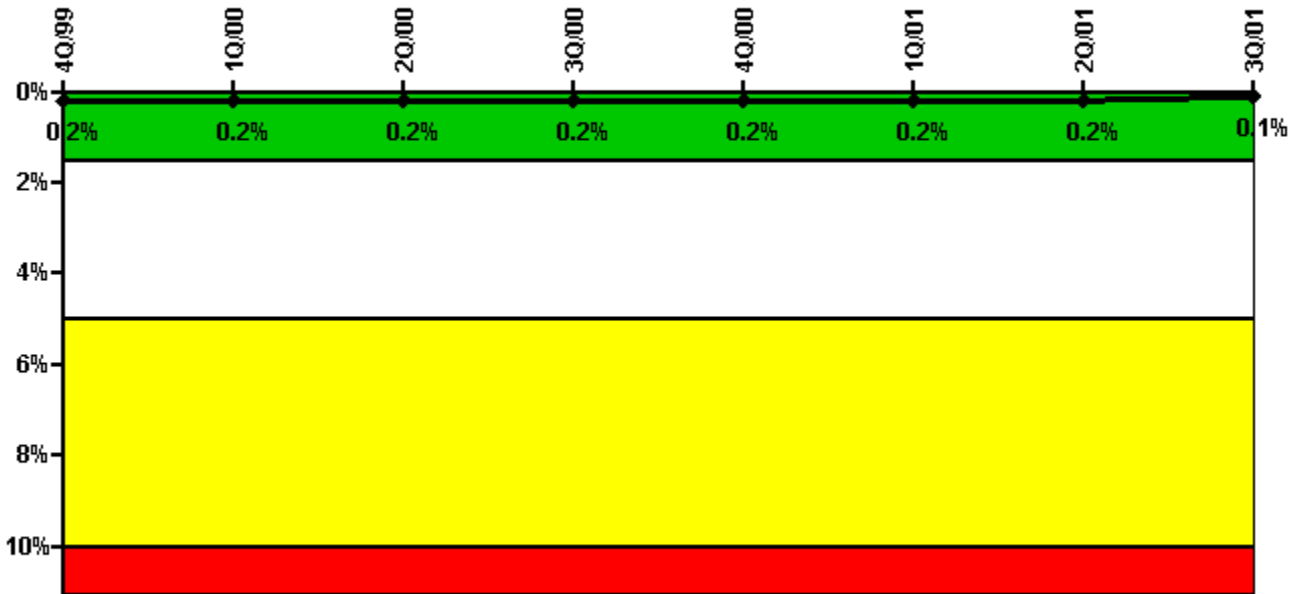
Licensee Comments:

3Q/01: Emergency AC Safety System Unavailability for 3Q2001 (July - Train B) is revised to reflect a change resulting from an internal review of fault exposure hours identified in 3Q2001 which should have also been reflected in 2Q2001. The change did not result in a threshold color change.

2Q/01: Emergency AC Safety System Unavailability for 2Q2001 (June - Train A) is revised to reflect a change resulting from an internal review. The change did not result in a threshold color change. Emergency AC Safety System Unavailability for 2Q2001 (June - Train B) is revised to reflect a change resulting from an internal review of fault exposure hours reported in 3Q2001 (July - Train B). The change did not result in a threshold color change.

2Q/01: Emergency AC Safety System Unavailability for 2Q2001 (June - Train A) is revised to reflect a change resulting from an internal review. The change did not result in a threshold color change.

Safety System Unavailability, High Pressure Injection System (HPSI)



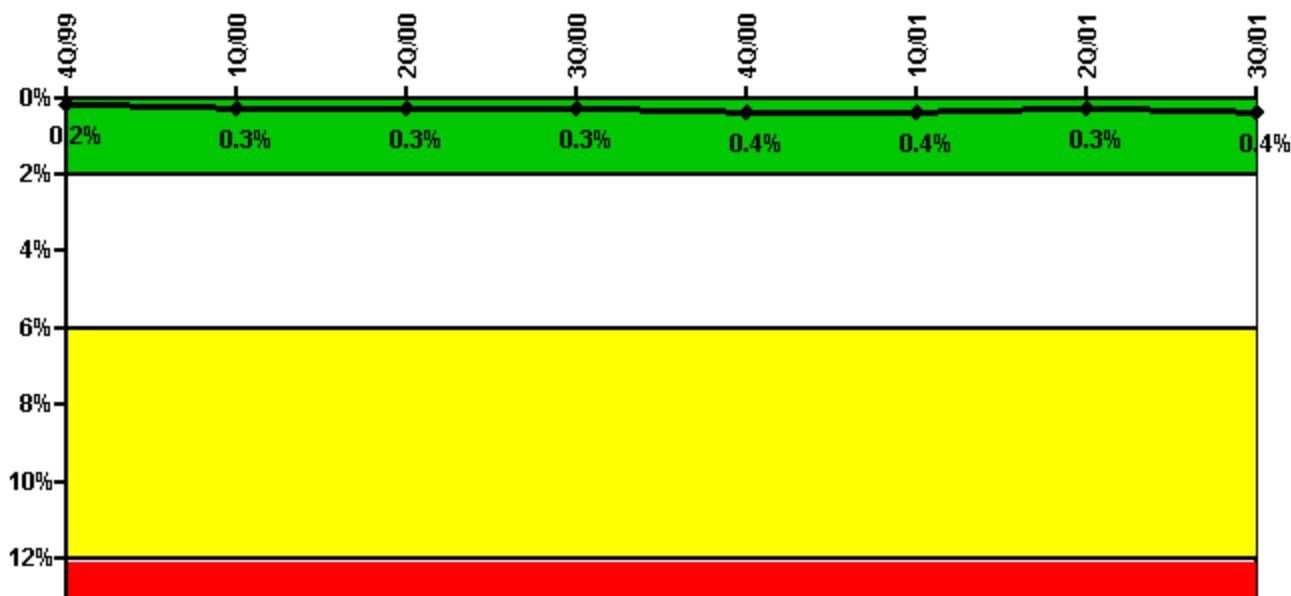
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	0	0	0	0	6.42	0	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	1325.40	2184.00	2183.00	2101.50	2209.00	2160.00	1955.10	2173.68
Train 2								
Planned unavailable hours	3.10	0	0	0	0	13.58	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	3.10	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1325.40	2184.00	2183.00	2101.50	2209.00	2160.00	1955.10	2173.68
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



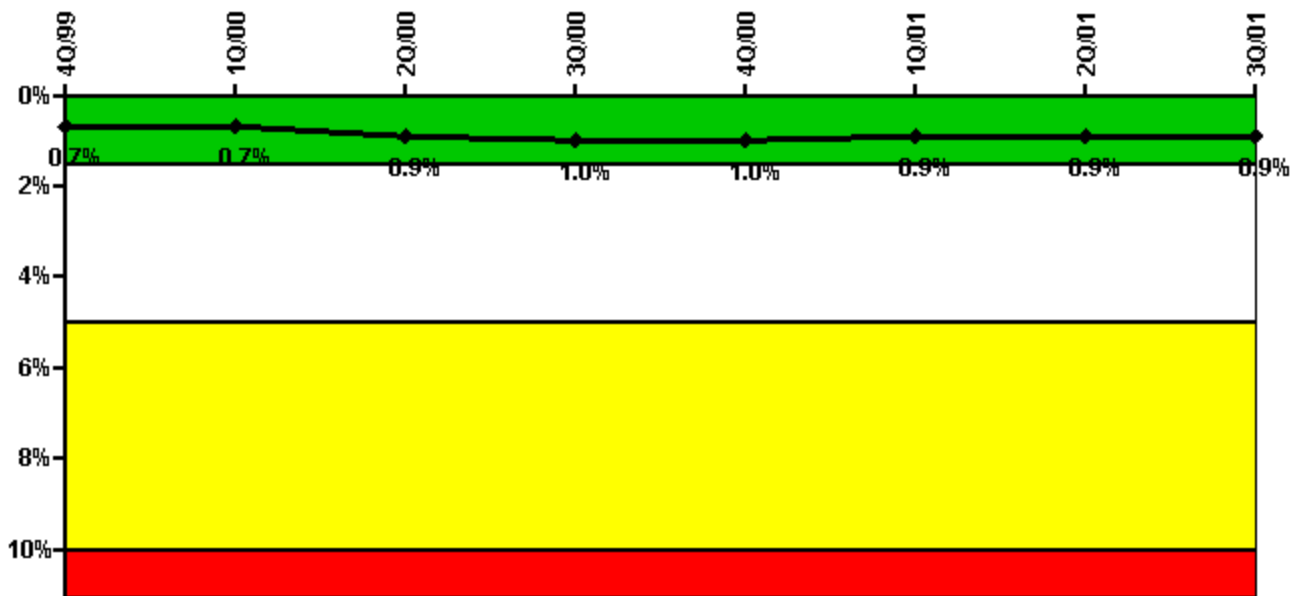
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	1.00	17.12	19.06	5.00	21.21	8.96	1.14	34.13
Unplanned unavailable hours	0	0	2.75	0	0	4.75	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	1322.00	2184.00	2183.00	2101.50	2209.00	2160.00	1940.66	2169.85
Train 2								
Planned unavailable hours	0	8.50	23.82	0	7.00	2.35	0	1.02
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	1322.00	2184.00	2183.00	2101.50	2209.00	2160.00	1940.66	2169.85
Indicator value	0.2%	0.3%	0.3%	0.3%	0.4%	0.4%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



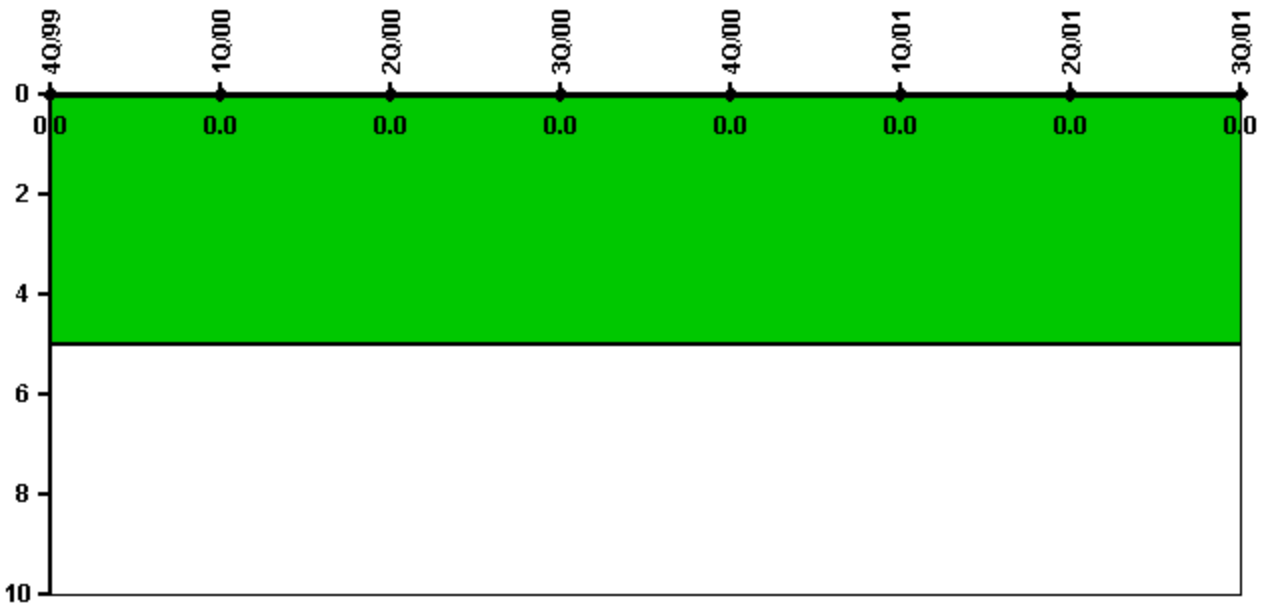
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	0	1.97	29.10	24.90	1.02	56.10	3.78
Unplanned unavailable hours	0	17.70	13.90	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	2070.80	2184.00	2183.00	2208.00	2209.00	2160.00	1955.10	2188.93
Train 2								
Planned unavailable hours	3.10	0	40.70	18.00	1.00	30.00	1.62	17.70
Unplanned unavailable hours	0	0	0	11.30	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	2070.80	2184.00	2183.00	2208.00	2209.00	2160.00	1955.10	2188.93
Indicator value	0.7%	0.7%	0.9%	1.0%	1.0%	0.9%	0.9%	0.9%

Licensee Comments: none

Safety System Functional Failures (PWR)



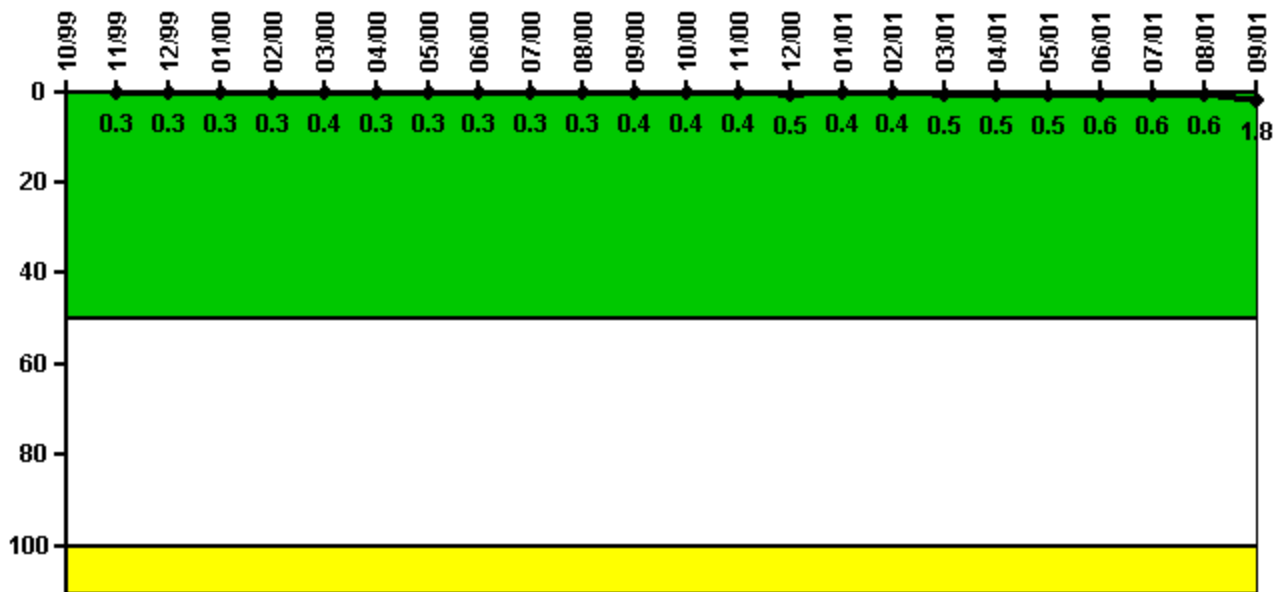
Thresholds: White > 5.0

Notes

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

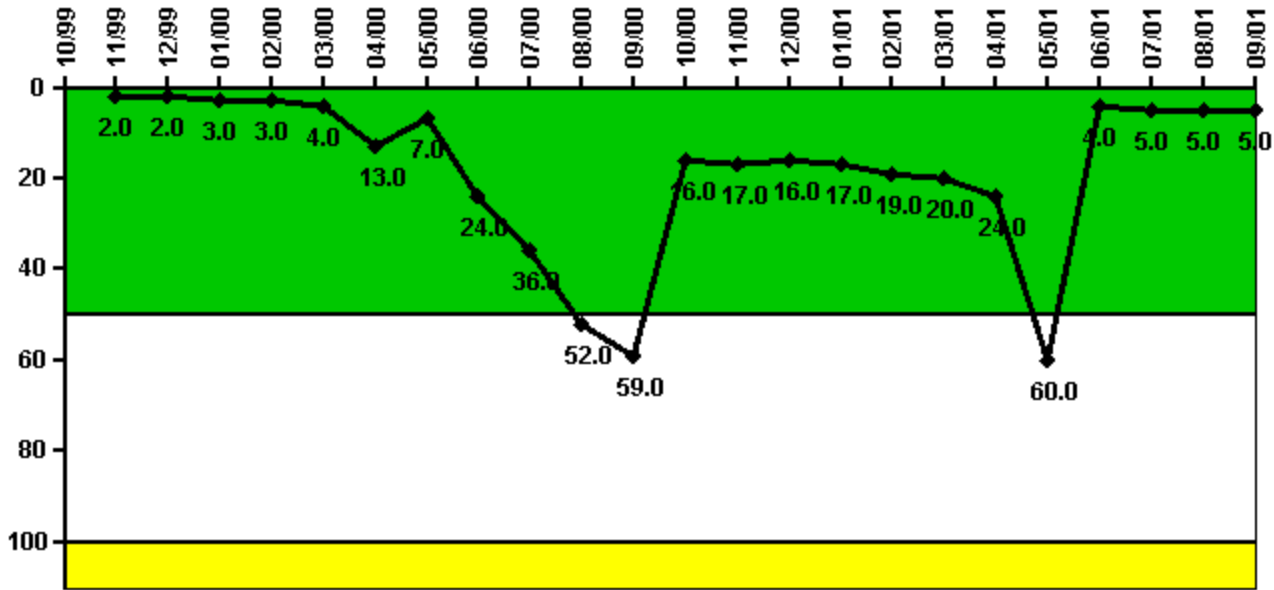
Notes

Reactor Coolant System Activity	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	N/A	0.002507	0.003350	0.003040	0.003110	0.004000	0.003000	0.003200	0.002870	0.002810	0.002810	0.003830
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	N/A	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4

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	0.003890	0.004110	0.004530	0.004410	0.004470	0.004590	0.004810	0.004880	0.006150	0.005560	0.005770	0.017800
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	0.4	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	1.8

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

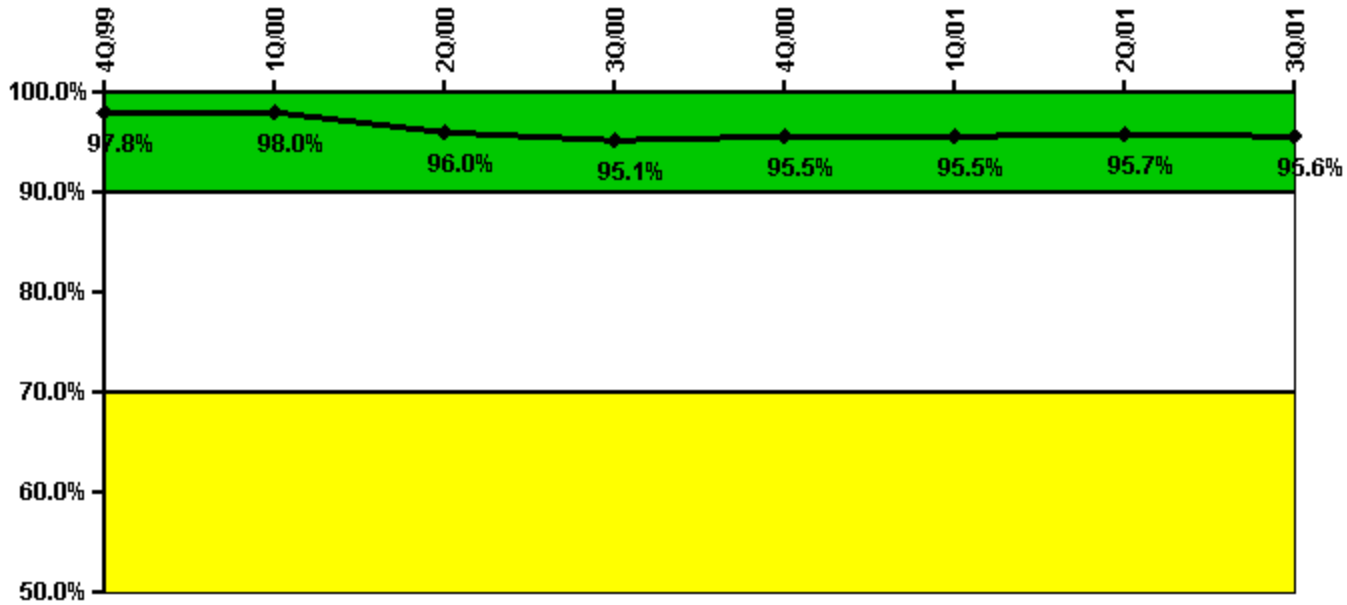
Notes

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	N/A	0.200	0.200	0.300	0.300	0.400	1.300	0.700	2.400	3.600	5.200	5.900
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	N/A	2.0	2.0	3.0	3.0	4.0	13.0	7.0	24.0	36.0	52.0	59.0

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	1.600	1.700	1.600	1.700	1.900	2.000	2.400	6.000	0.400	0.500	0.500	0.500
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	16.0	17.0	16.0	17.0	19.0	20.0	24.0	60.0	4.0	5.0	5.0	5.0

Licensee Comments: none

Drill/Exercise Performance



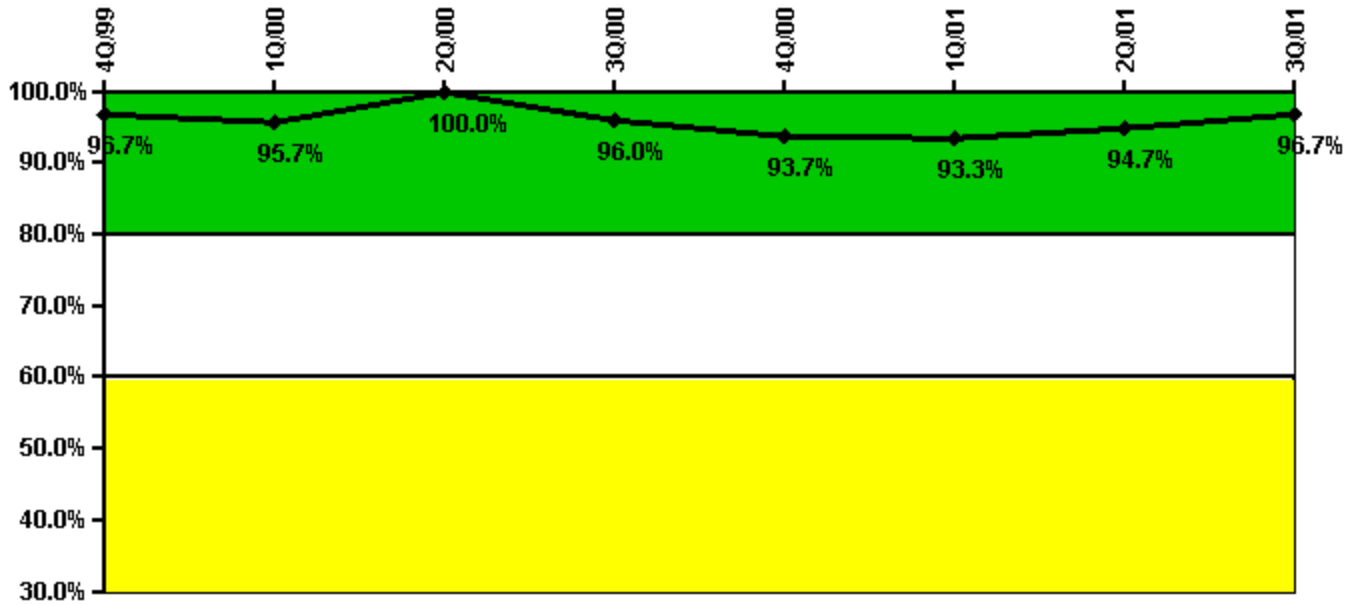
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	110.0	32.0	68.0	29.0	62.0	33.0	50.0	3.0
Total opportunities	112.0	32.0	76.0	34.0	64.0	34.0	50.0	3.0
Indicator value	97.8%	98.0%	96.0%	95.1%	95.5%	95.5%	95.7%	95.6%

Licensee Comments: none

ERO Drill Participation



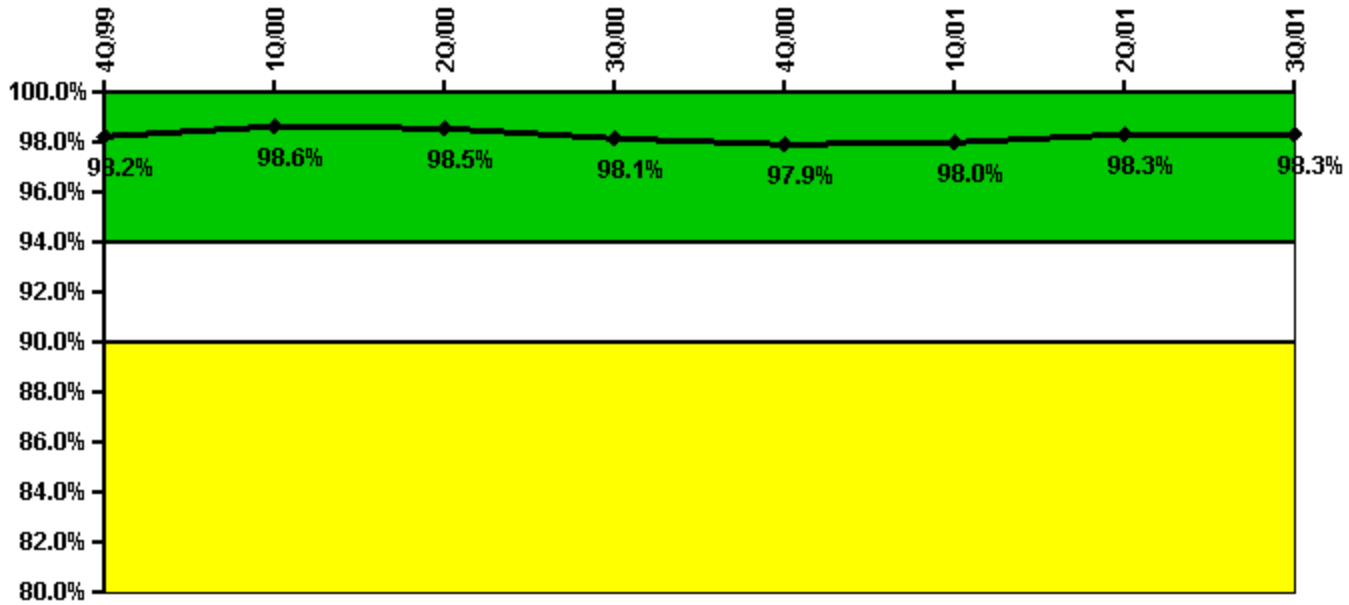
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	59.0	67.0	68.0	72.0	74.0	83.0	89.0	87.0
Total Key personnel	61.0	70.0	68.0	75.0	79.0	89.0	94.0	90.0
Indicator value	96.7%	95.7%	100.0%	96.0%	93.7%	93.3%	94.7%	96.7%

Licensee Comments: none

Alert & Notification System



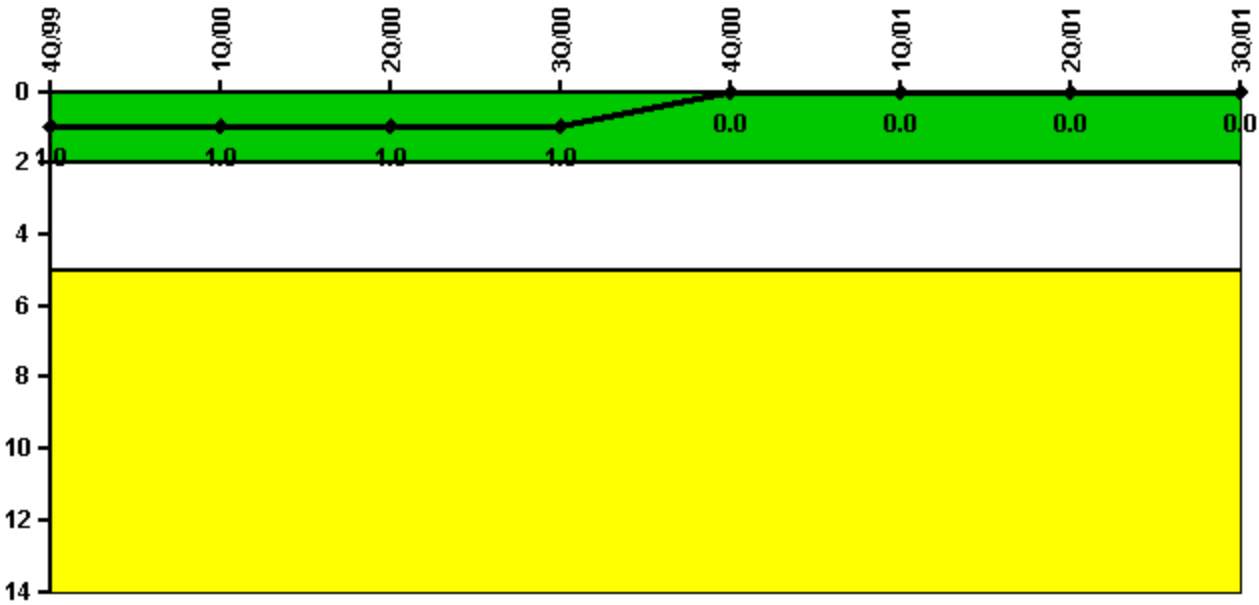
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	1265	1384	1493	1273	1491	1504	1511	1508
Total sirens-tests	1280	1400	1520	1320	1520	1520	1520	1560
Indicator value	98.2%	98.6%	98.5%	98.1%	97.9%	98.0%	98.3%	98.3%

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	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



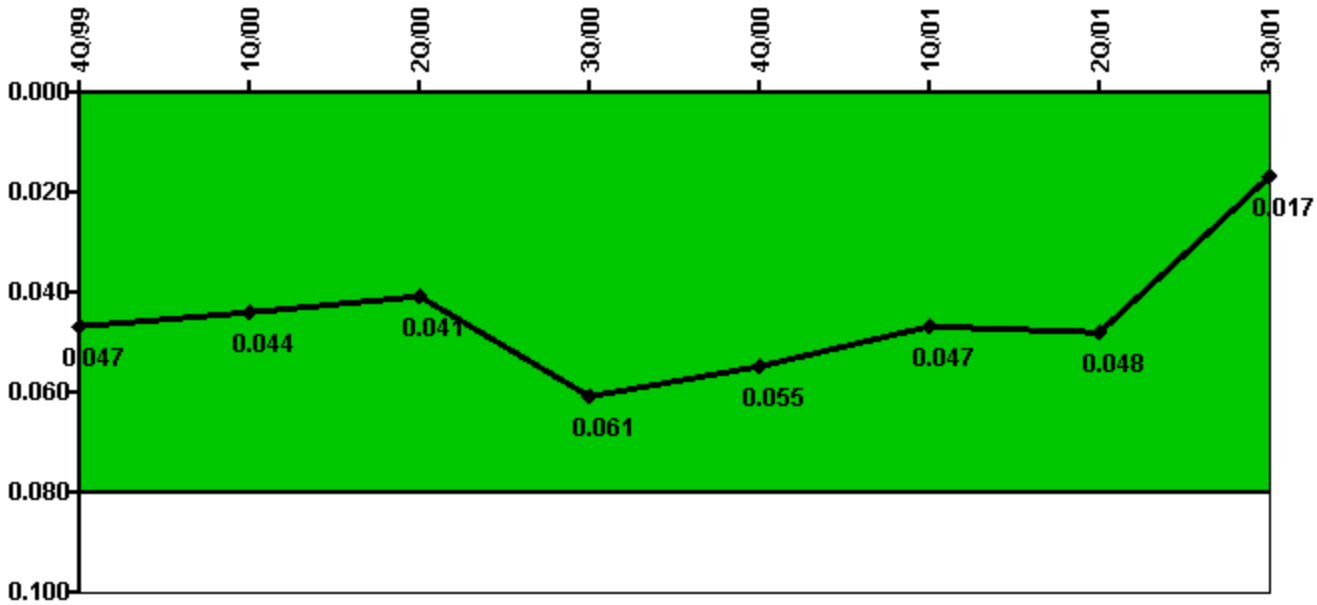
Thresholds: White > 1.0 Yellow > 3.0

Notes

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



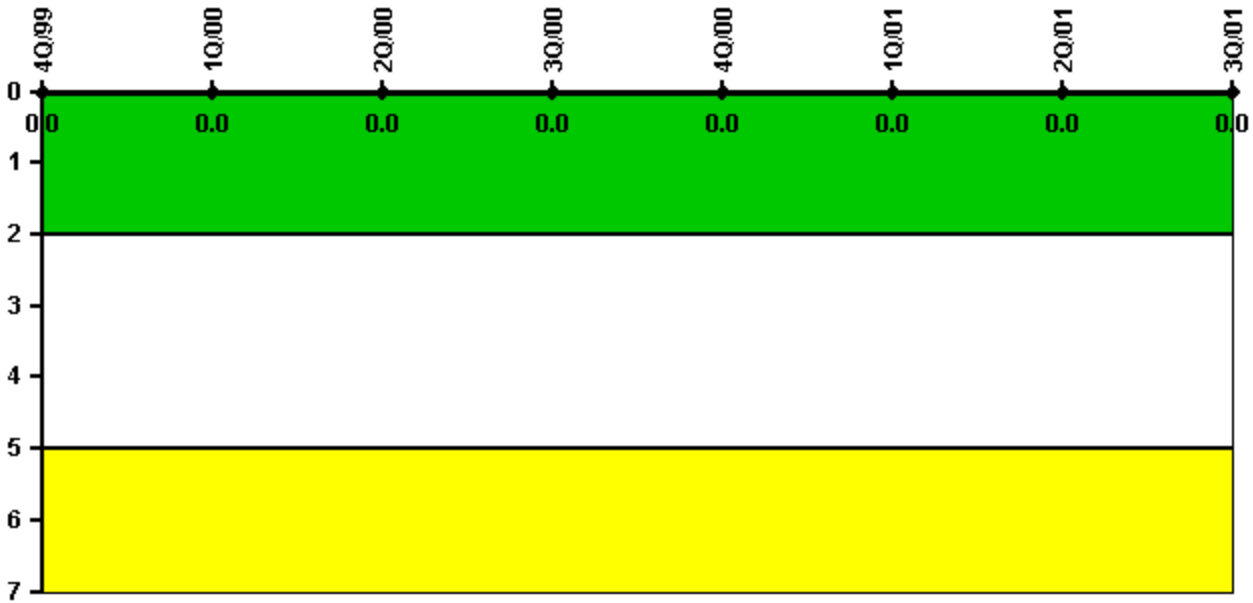
Thresholds: White > 0.080

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	141.00	437.12	33.20	809.10	7.00	35.50	87.60	15.00
CCTV compensatory hours	16.8	32.7	16.9	26.8	6.4	162.4	2.9	19.6
IDS normalization factor	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.047	0.044	0.041	0.061	0.055	0.047	0.048	0.017

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