

Crystal River 3

4Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



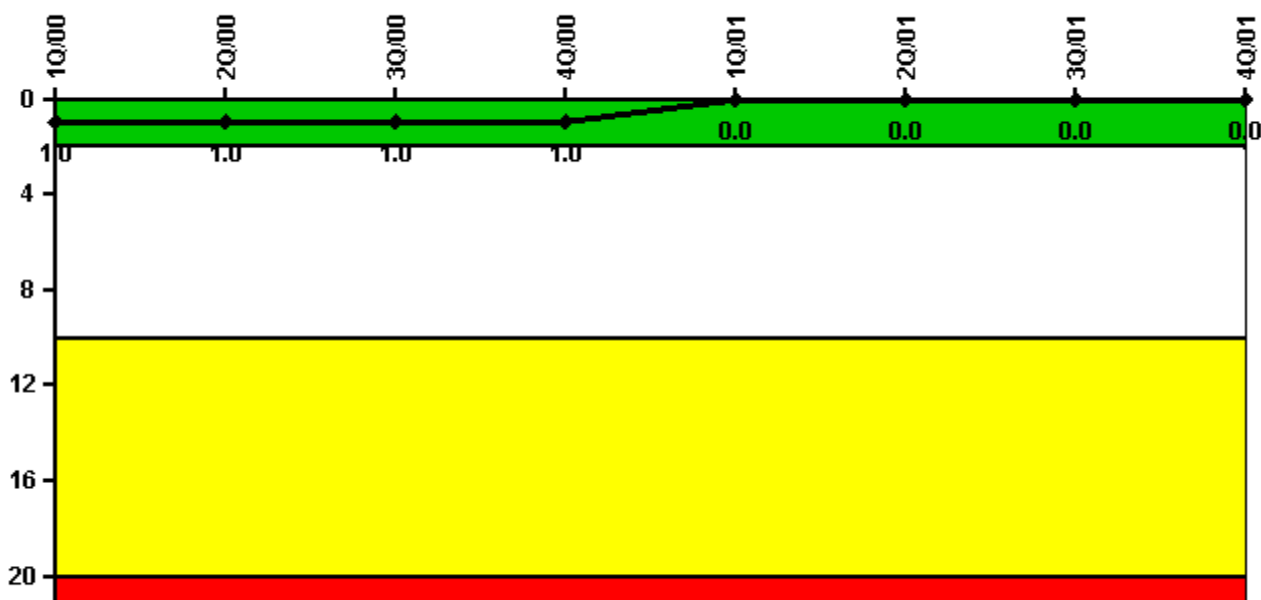
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2136.4	2045.2	2209.0	2160.0	1861.0	2161.3	1635.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



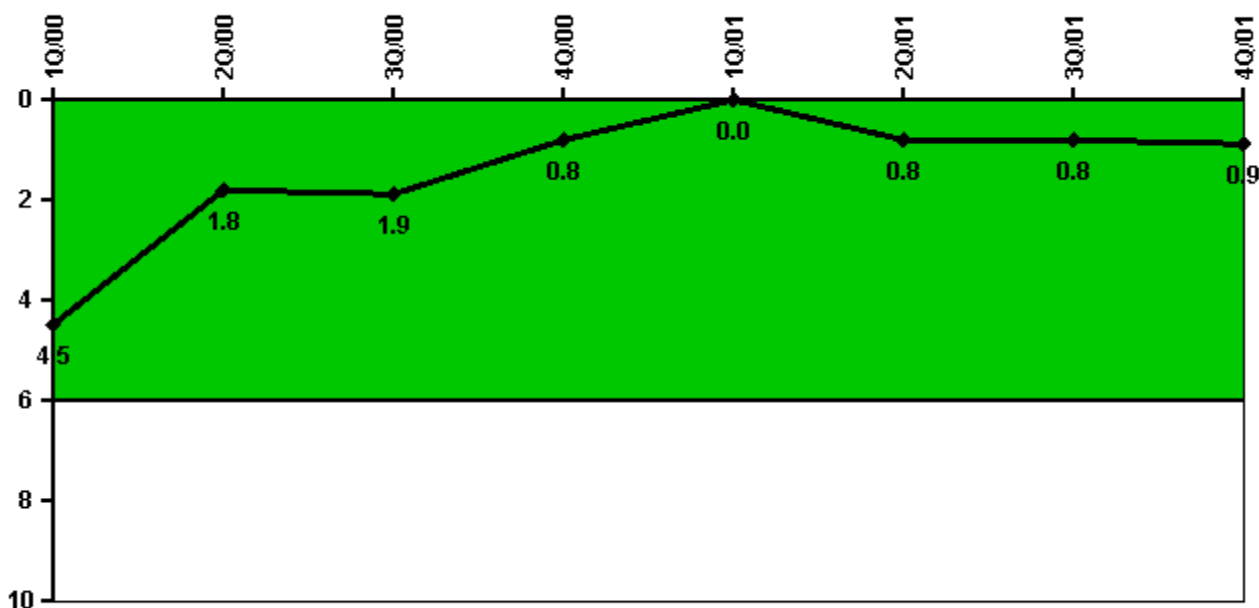
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



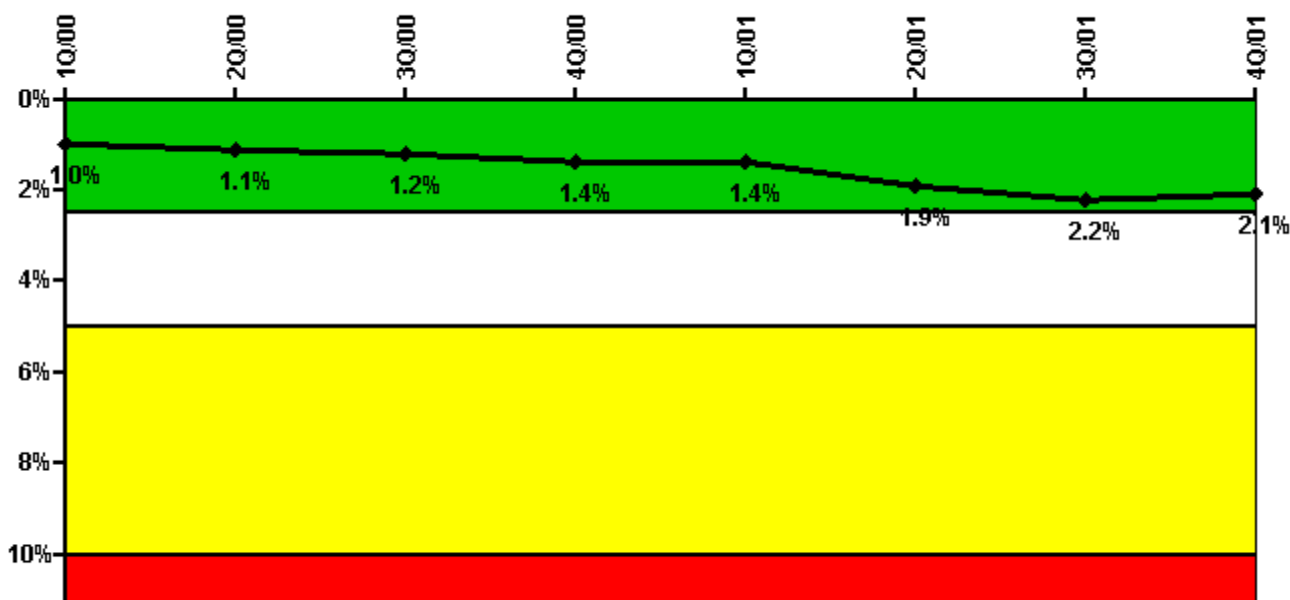
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	1.0	0	0	0	0	1.0	0	0
Critical hours	2184.0	2136.4	2045.2	2209.0	2160.0	1861.0	2161.3	1635.0
Indicator value	4.5	1.8	1.9	0.8	0	0.8	0.8	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



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

Notes

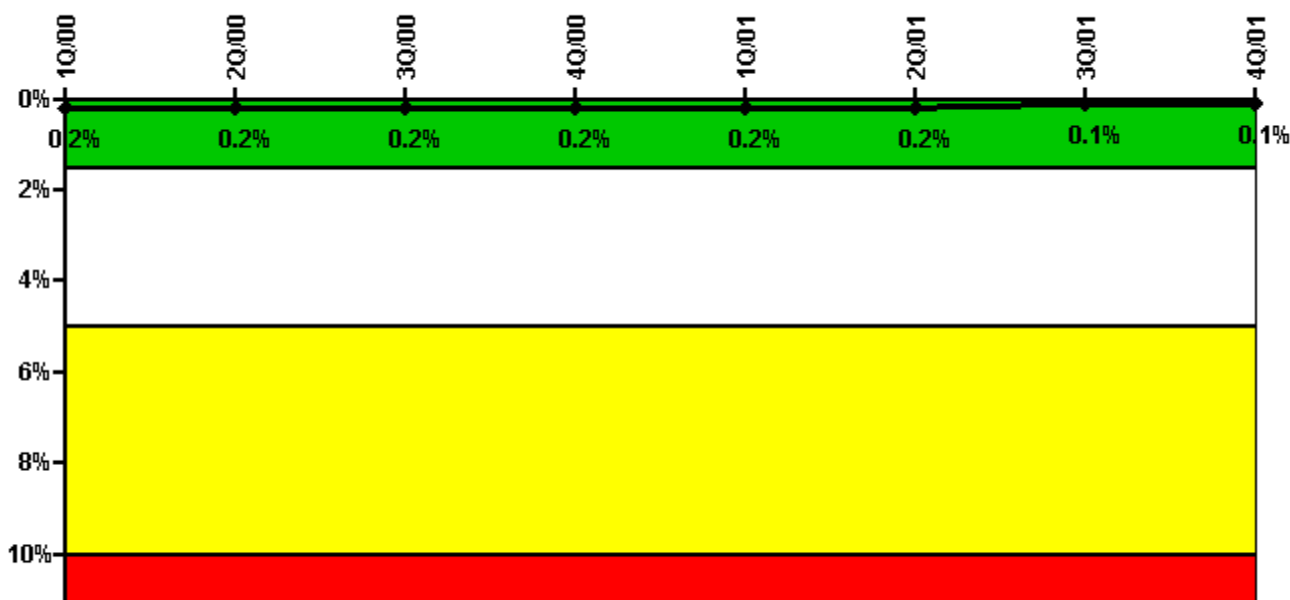
Safety System Unavailability, Emergency AC Power	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	51.46	24.37	16.85	39.97	32.24	32.20	28.49	19.68
Unplanned unavailable hours	52.60	0	0	0	0	0	0	1.78
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	35.24	27.05	39.00	41.17	38.80	25.42	44.66	27.38
Unplanned unavailable hours	0	0	0	0	0	0	16.62	0
Fault exposure hours	0	0	0	0	0	237.71	107.58	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	1.0%	1.1%	1.2%	1.4%	1.4%	1.9%	2.2%	2.1%

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.

Safety System Unavailability, High Pressure Injection System (HPSI)



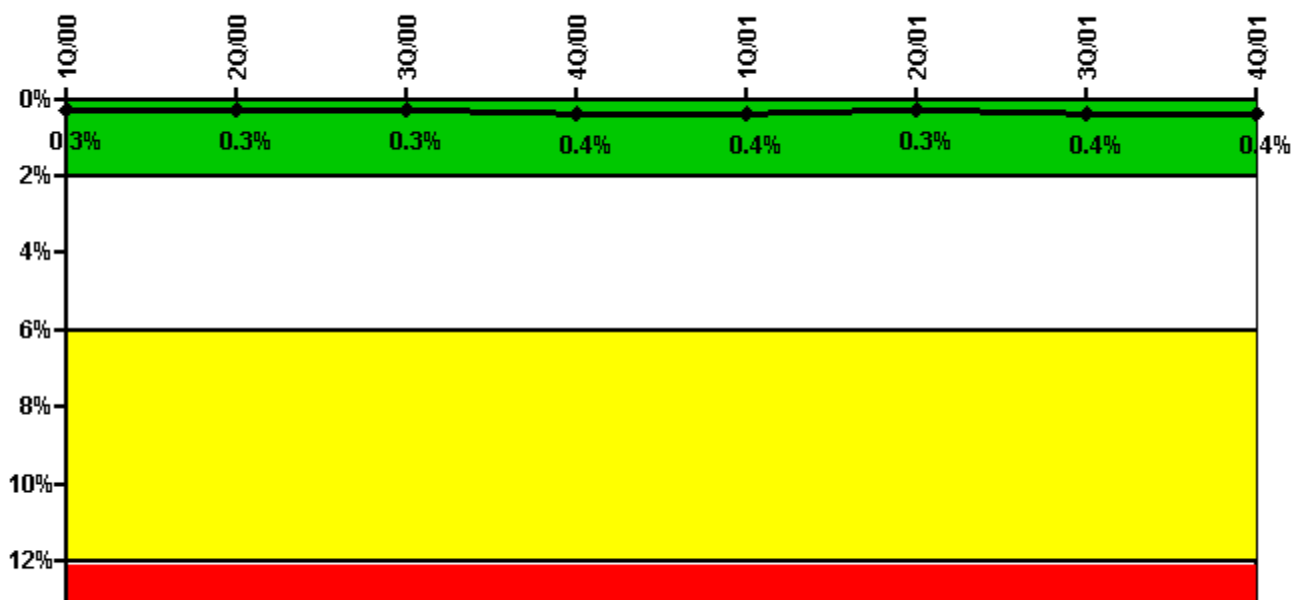
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0	0	0	0	6.42	0	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	2184.00	2183.00	2101.50	2209.00	2160.00	1955.10	2173.68	1689.19
Train 2								
Planned unavailable hours	0	0	0	0	13.58	0	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	2184.00	2183.00	2101.50	2209.00	2160.00	1955.10	2173.68	1689.19
Indicator value	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



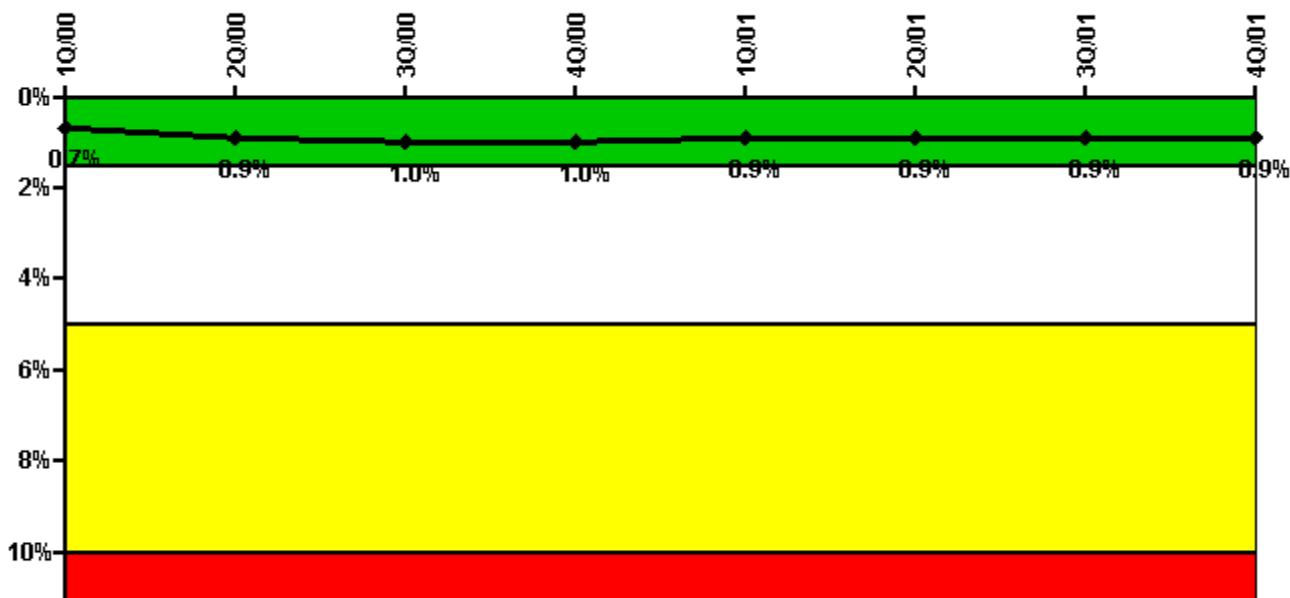
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	17.12	19.06	5.00	21.21	8.96	1.14	34.13	16.65
Unplanned unavailable hours	0	2.75	0	0	4.75	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	2184.00	2183.00	2101.50	2209.00	2160.00	1940.66	2169.85	1680.35
Train 2								
Planned unavailable hours	8.50	23.82	0	7.00	2.35	0	1.02	2.02
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	2184.00	2183.00	2101.50	2209.00	2160.00	1940.66	2169.85	1680.35
Indicator value	0.3%	0.3%	0.3%	0.4%	0.4%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



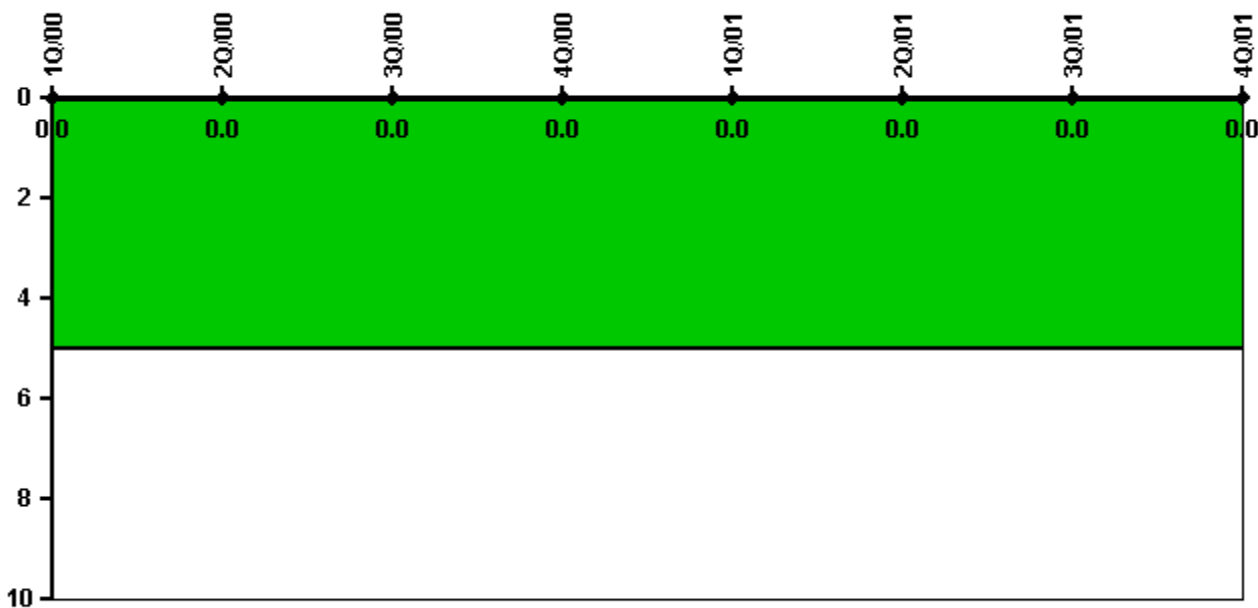
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0	1.97	29.10	24.90	1.02	56.10	3.78	18.35
Unplanned unavailable hours	17.70	13.90	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	2184.00	2183.00	2208.00	2209.00	2160.00	1955.10	2188.93	1944.68
Train 2								
Planned unavailable hours	0	40.70	18.00	1.00	30.00	1.62	17.70	1.70
Unplanned unavailable hours	0	0	11.30	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	2184.00	2183.00	2208.00	2209.00	2160.00	1955.10	2188.93	1944.68
Indicator value	0.7%	0.9%	1.0%	1.0%	0.9%	0.9%	0.9%	0.9%

Licensee Comments: none

Safety System Functional Failures (PWR)



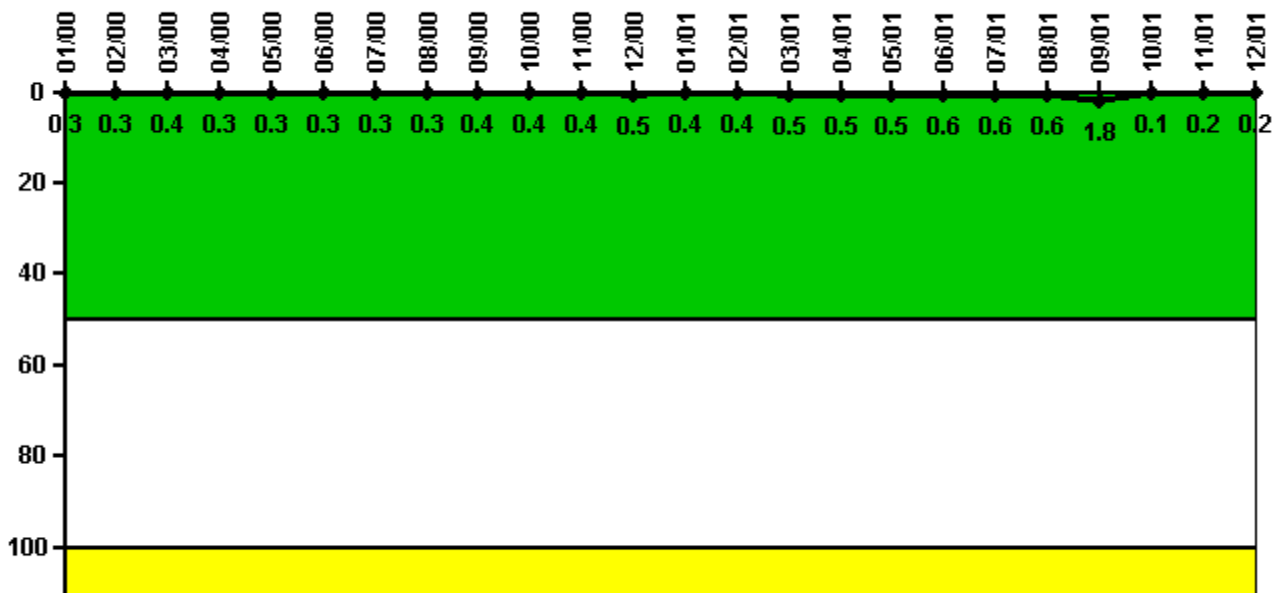
Thresholds: White > 5.0

Notes

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

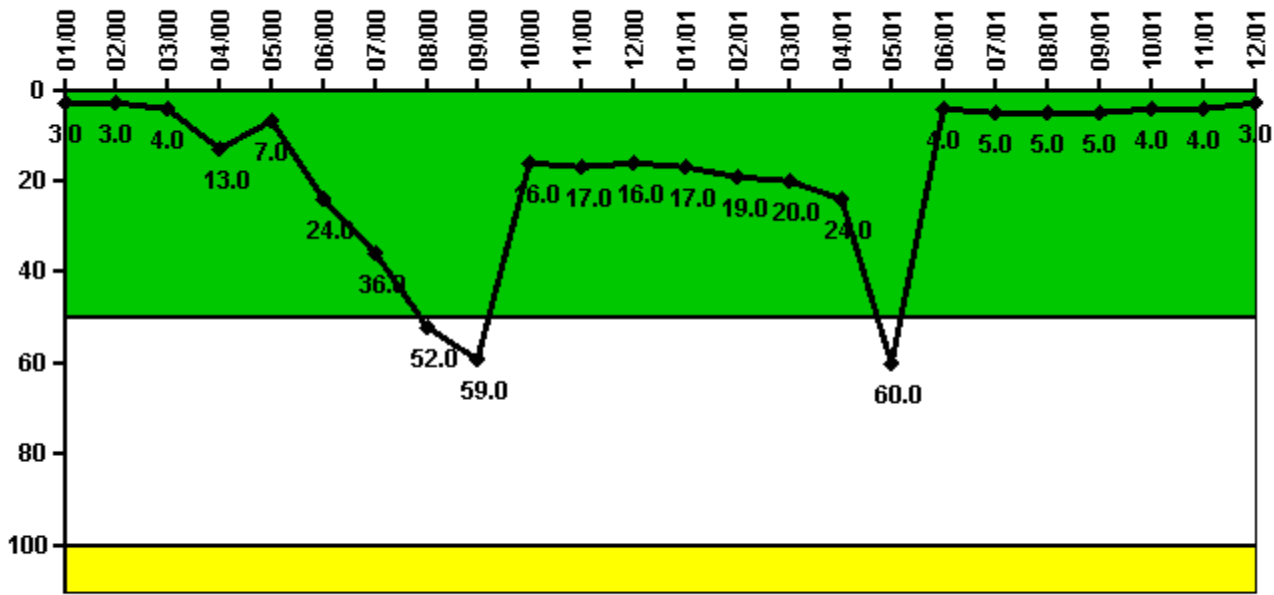
Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.003040	0.003110	0.004000	0.003000	0.003200	0.002870	0.002810	0.002810	0.003830	0.003890	0.004110	0.004530
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	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.004410	0.004470	0.004590	0.004810	0.004880	0.006150	0.005560	0.005770	0.017800	0.001270	0.001650	0.001710
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	0.5	0.5	0.6	0.6	0.6	1.8	0.1	0.2	0.2

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

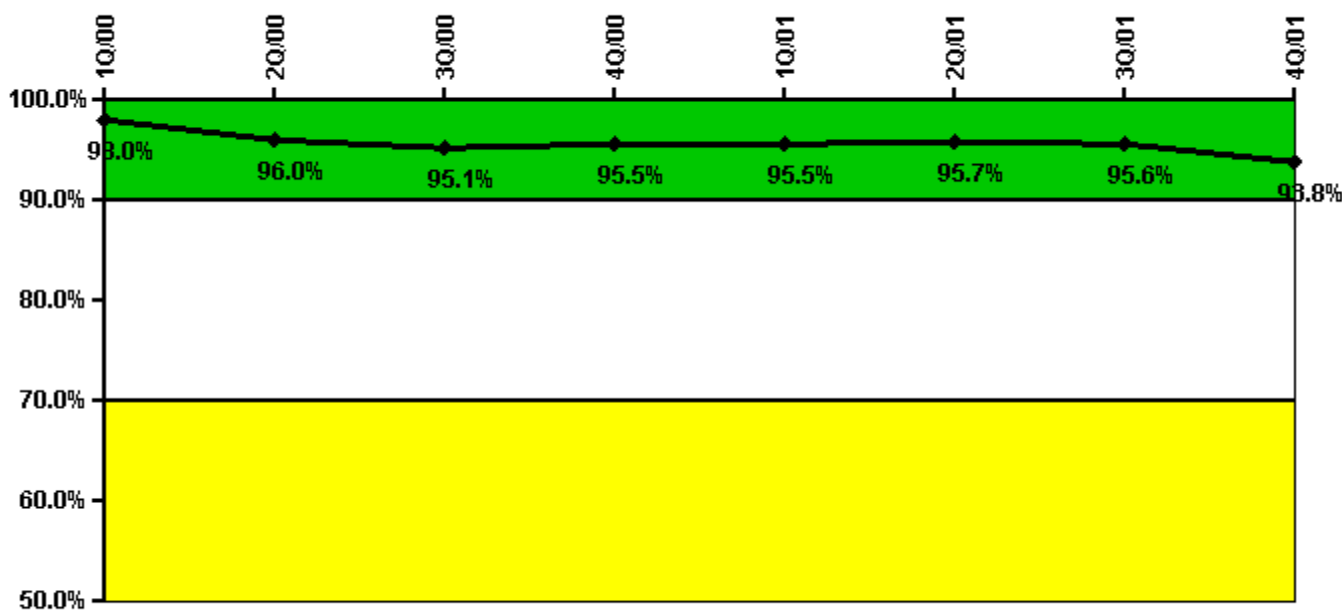
Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.300	0.300	0.400	1.300	0.700	2.400	3.600	5.200	5.900	1.600	1.700	1.600
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	3.0	3.0	4.0	13.0	7.0	24.0	36.0	52.0	59.0	16.0	17.0	16.0

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	1.700	1.900	2.000	2.400	6.000	0.400	0.500	0.500	0.500	0.400	0.400	0.300
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	17.0	19.0	20.0	24.0	60.0	4.0	5.0	5.0	5.0	4.0	4.0	3.0

Licensee Comments: none

Drill/Exercise Performance



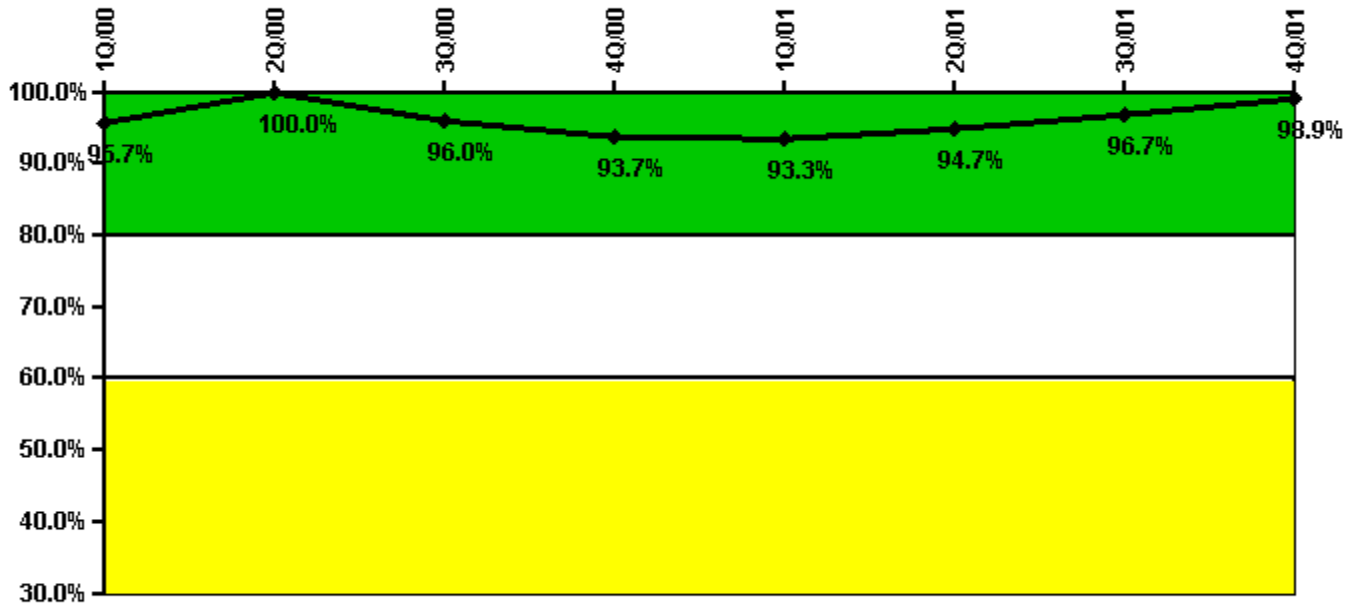
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	32.0	68.0	29.0	62.0	33.0	50.0	3.0	57.0
Total opportunities	32.0	76.0	34.0	64.0	34.0	50.0	3.0	63.0
Indicator value	98.0%	96.0%	95.1%	95.5%	95.5%	95.7%	95.6%	93.8%

Licensee Comments: none

ERO Drill Participation



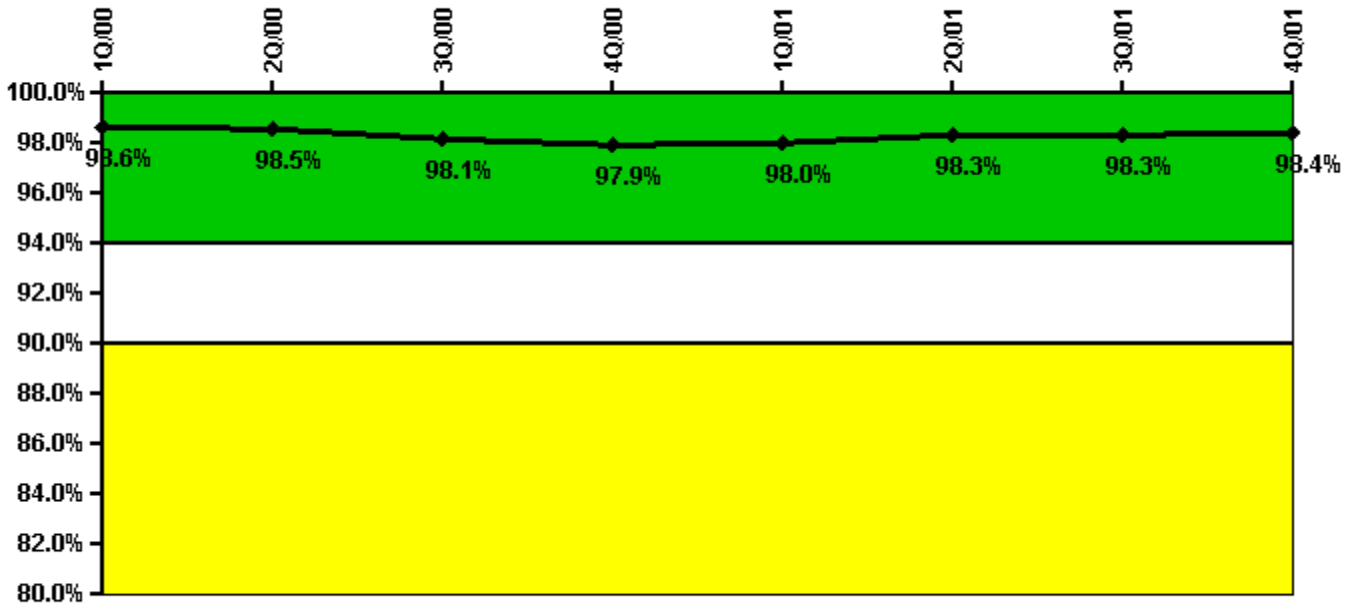
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	67.0	68.0	72.0	74.0	83.0	89.0	87.0	88.0
Total Key personnel	70.0	68.0	75.0	79.0	89.0	94.0	90.0	89.0
Indicator value	95.7%	100.0%	96.0%	93.7%	93.3%	94.7%	96.7%	98.9%

Licensee Comments: none

Alert & Notification System



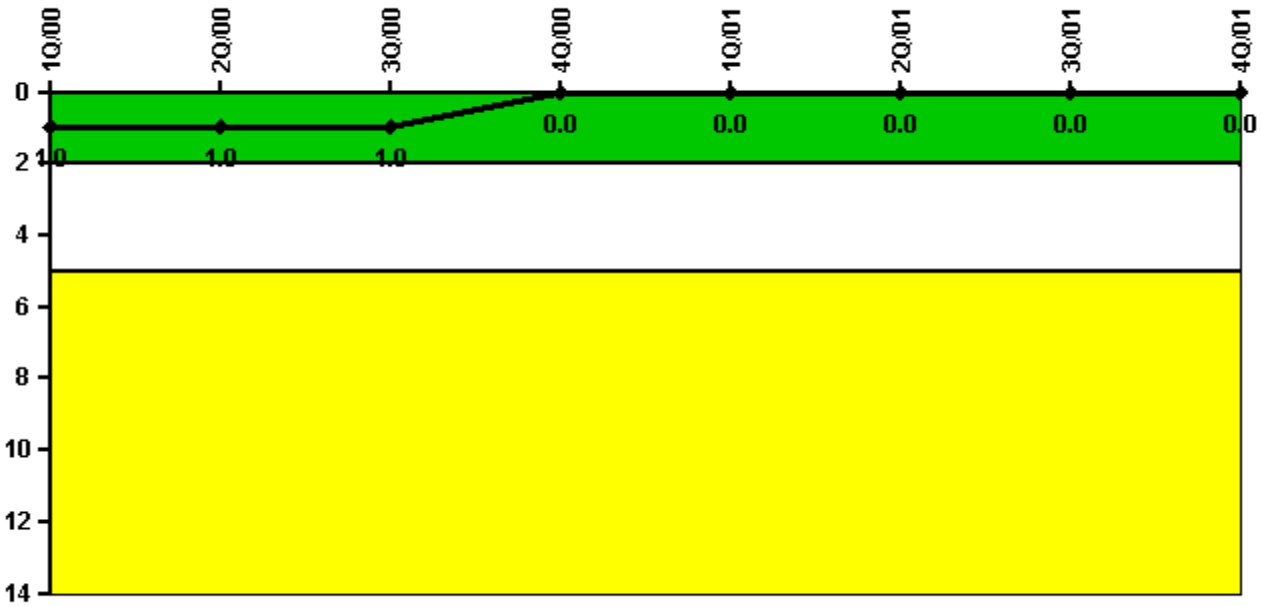
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	1384	1493	1273	1491	1504	1511	1508	1501
Total sirens-tests	1400	1520	1320	1520	1520	1520	1560	1520
Indicator value	98.6%	98.5%	98.1%	97.9%	98.0%	98.3%	98.3%	98.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



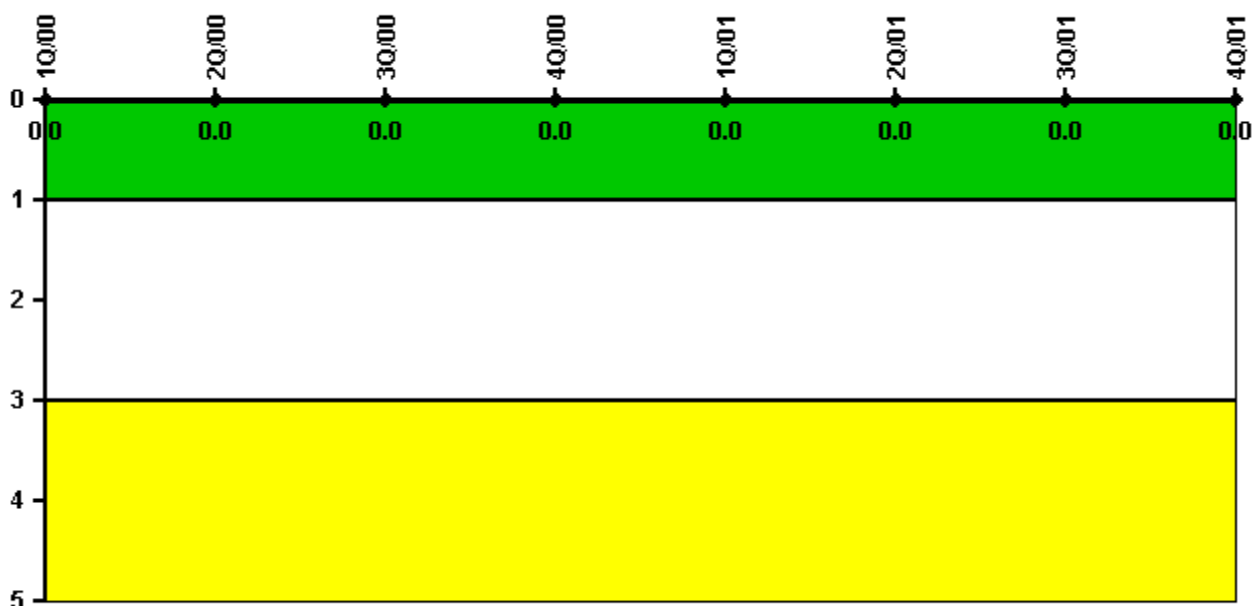
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/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	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



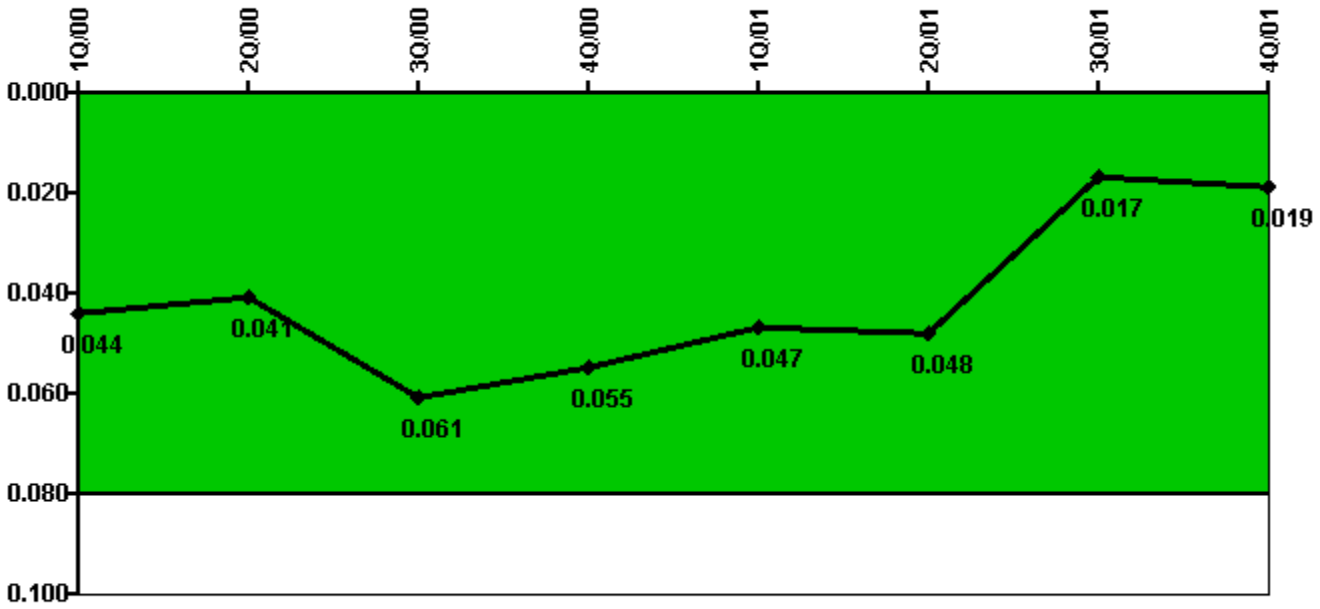
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
IDS compensatory hours	437.12	33.20	809.10	7.00	35.50	87.60	15.00	26.00
CCTV compensatory hours	32.7	16.9	26.8	6.4	162.4	2.9	19.6	40.0
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	0.044	0.041	0.061	0.055	0.047	0.048	0.017	0.019

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
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: March 15, 2002