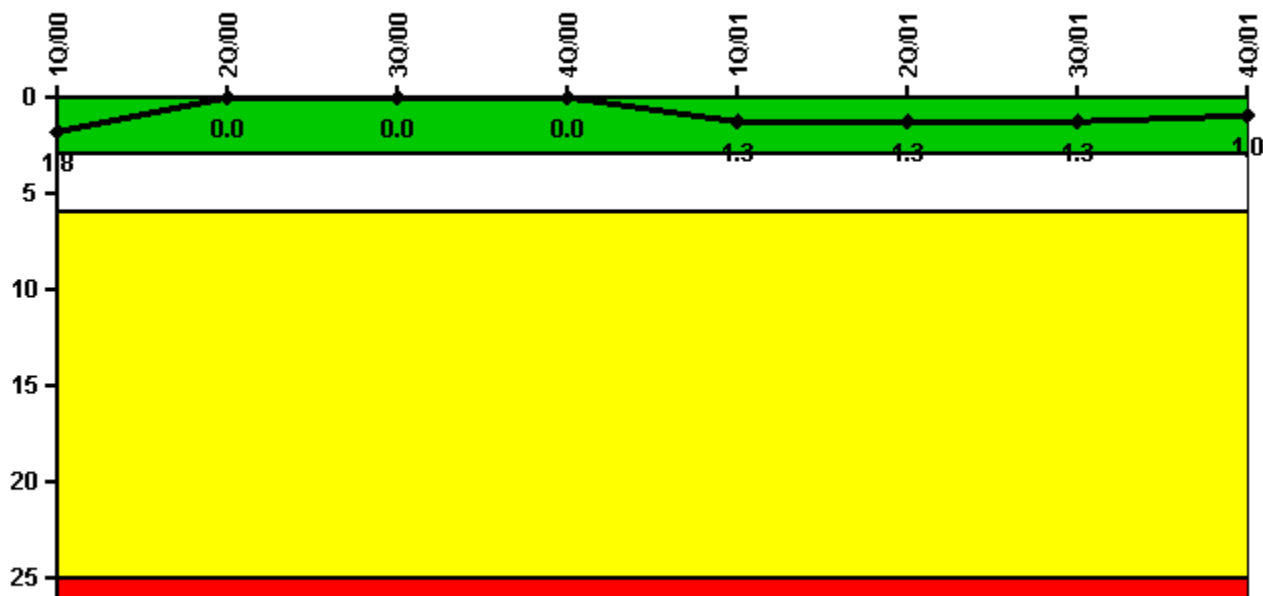


Summer

4Q/2001 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



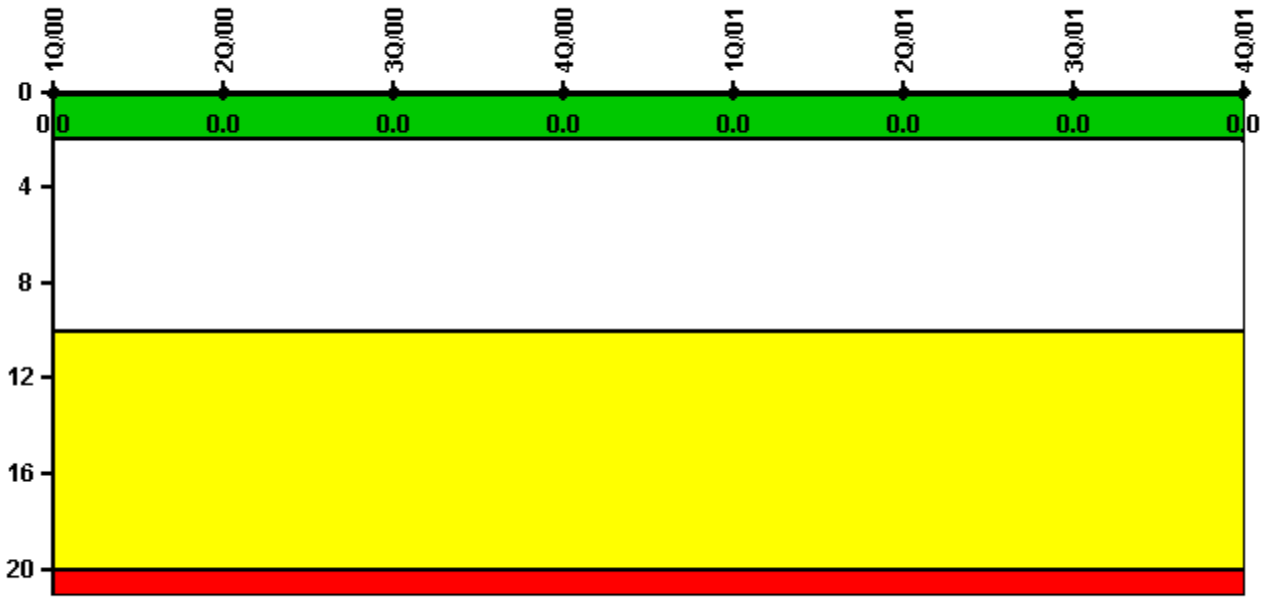
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0
Critical hours	2184.0	2183.0	2208.0	149.9	737.9	2183.0	2208.0	2209.0
Indicator value	1.8	0	0	0	1.3	1.3	1.3	1.0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



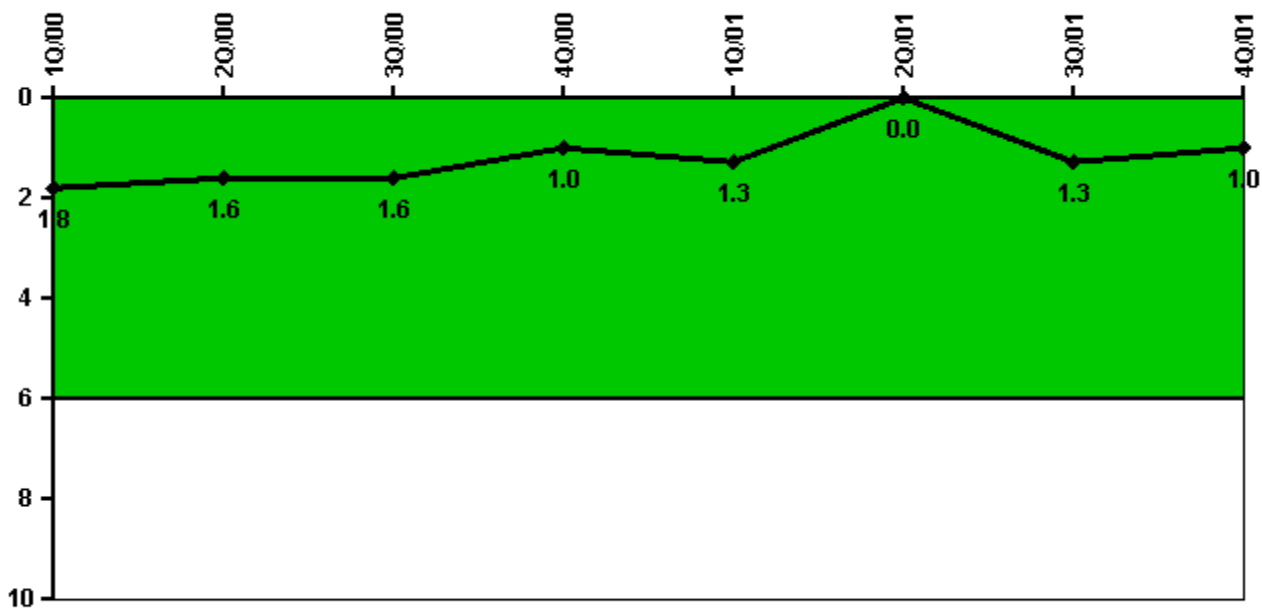
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



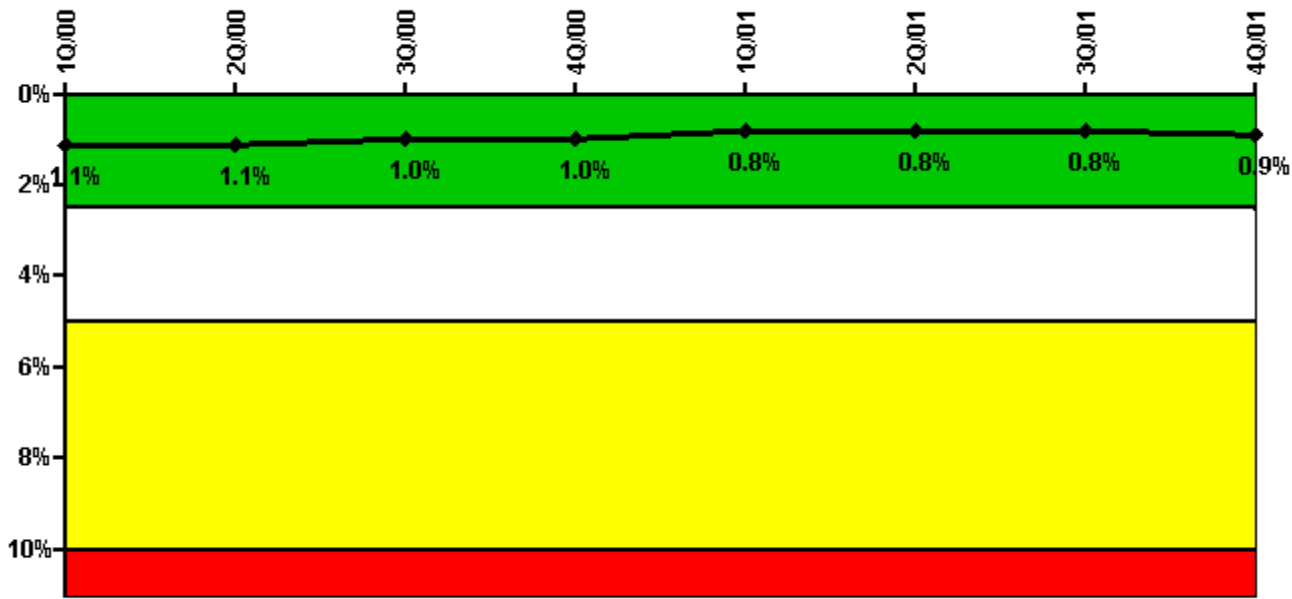
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	0	1.0	0	0	0	0	1.0	0
Critical hours	2184.0	2183.0	2208.0	149.9	737.9	2183.0	2208.0	2209.0
Indicator value	1.8	1.6	1.6	1.0	1.3	0	1.3	1.0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



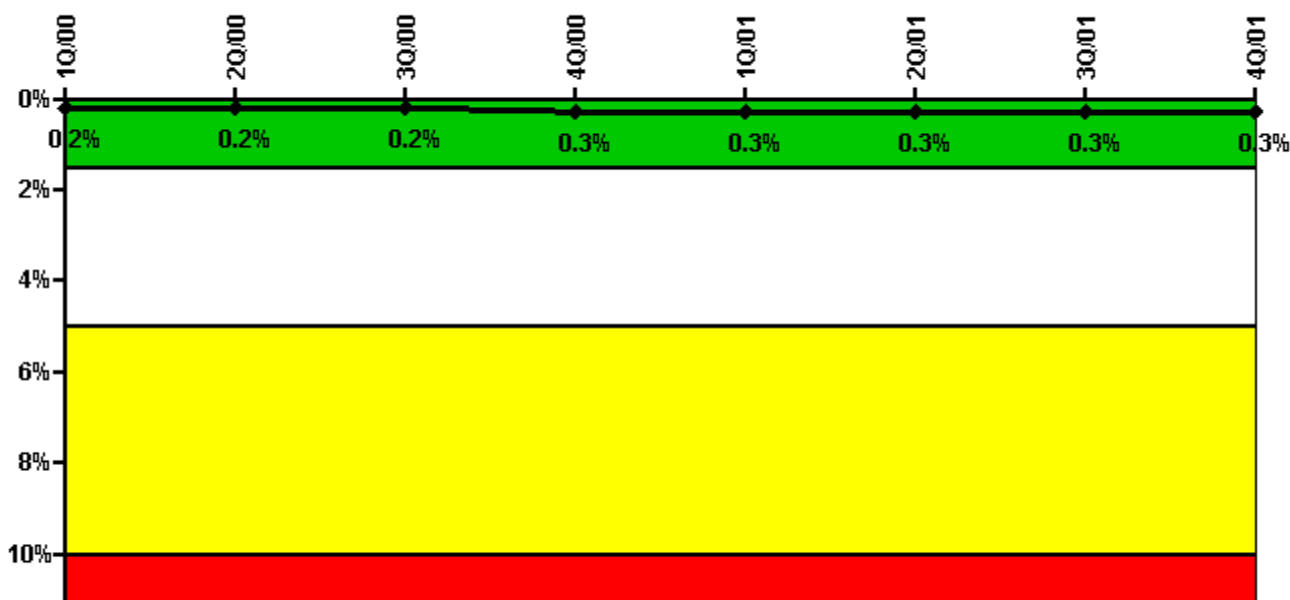
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	52.30	11.50	11.70	0	8.20	20.90	18.50	17.50
Unplanned unavailable hours	0	0	0	0	0	0	0	5.10
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	172.70	1168.40	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	13.60	25.90	16.00	0	18.70	15.40	17.50	66.10
Unplanned unavailable hours	0	12.30	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	406.20	894.80	2183.00	2208.00	2209.00
Indicator value	1.1%	1.1%	1.0%	1.0%	0.8%	0.8%	0.8%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



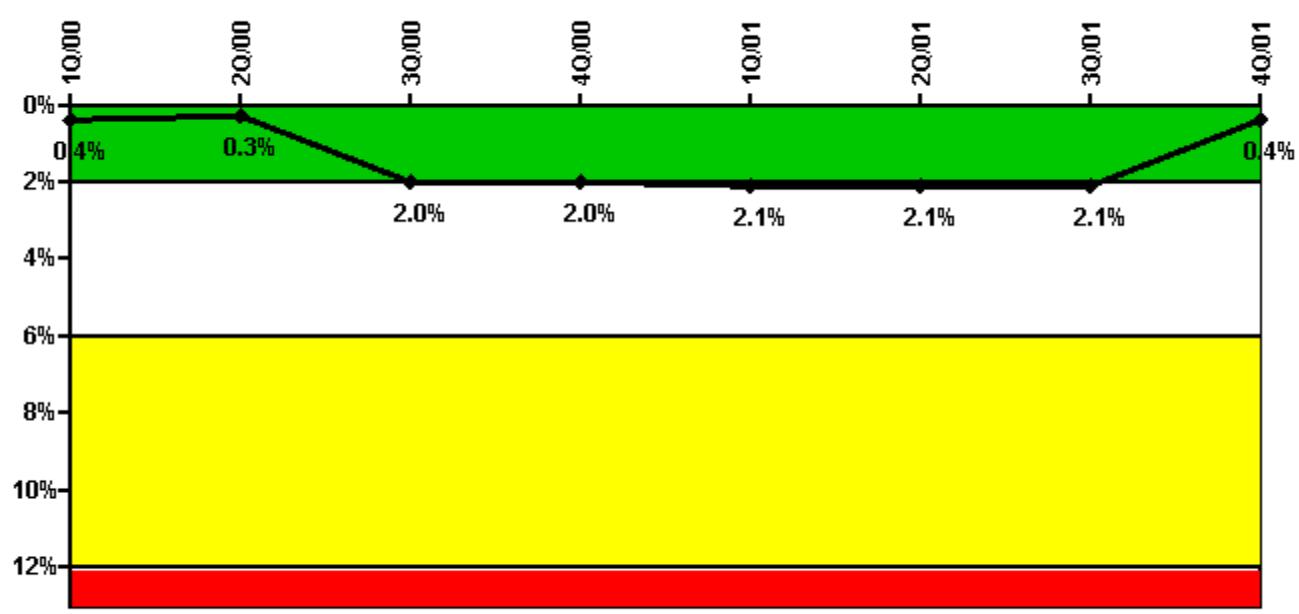
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	14.20	3.25	3.50	0	0	0.25	0.25	0.50
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	2208.00	149.90	737.90	2140.50	2208.00	2209.00
Train 2								
Planned unavailable hours	15.55	3.25	3.25	0	0	0.25	0.50	0.25
Unplanned unavailable hours	0	21.30	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	149.90	737.90	2140.50	2208.00	2209.00
Indicator value	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%

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	0	2.00	30.80	0	0	8.20	20.30	23.30
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	2208.00	149.90	737.90	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	15.80	6.00	0	0	7.80	18.50	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	2208.00	149.90	737.90	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	7.50	0	0	0	9.10	0	16.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	1157.00	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	1157.00
Required hours	2184.00	2183.00	2208.00	149.90	737.90	2183.00	2208.00	2209.00
Indicator value	0.4%	0.3%	2.0%	2.0%	2.1%	2.1%	2.1%	0.4%

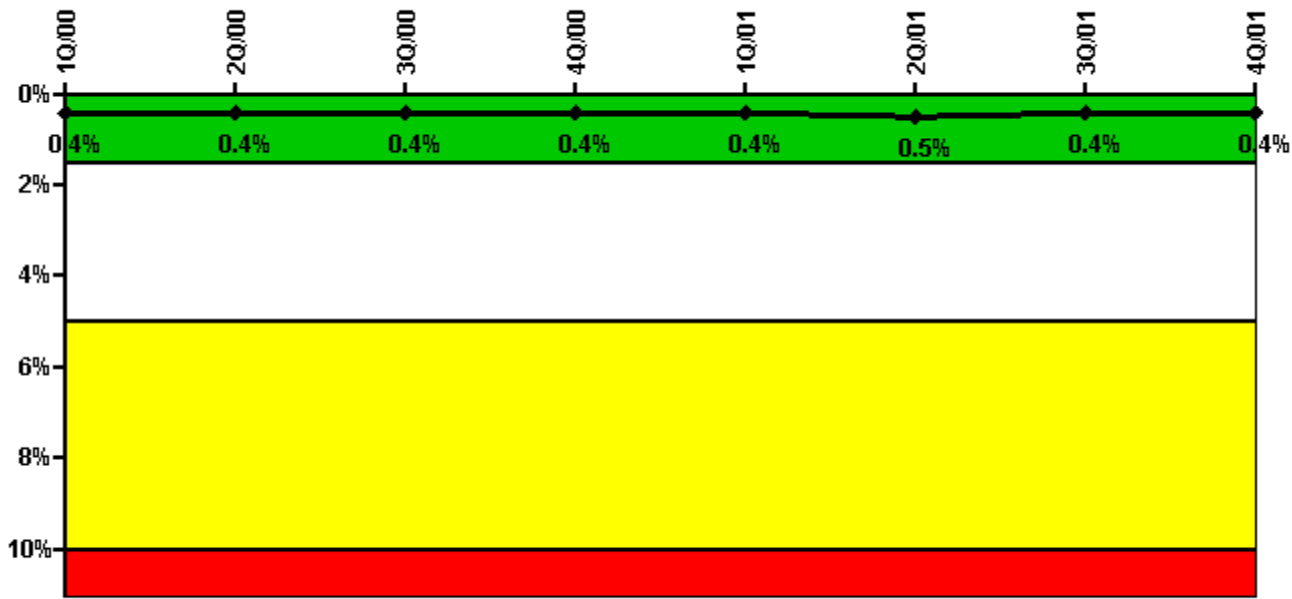
Licensee Comments: none

Effective Reset Comments:

4Q/01: Fault exposure hours for Train 3 are being reset to zero. All the criteria has been met to reset the hours to zero.

4Q/01: Fault exposure hours for Train 3 are being reset to zero. All the criteria has been met to reset the hours to zero.

Safety System Unavailability, Residual Heat Removal System



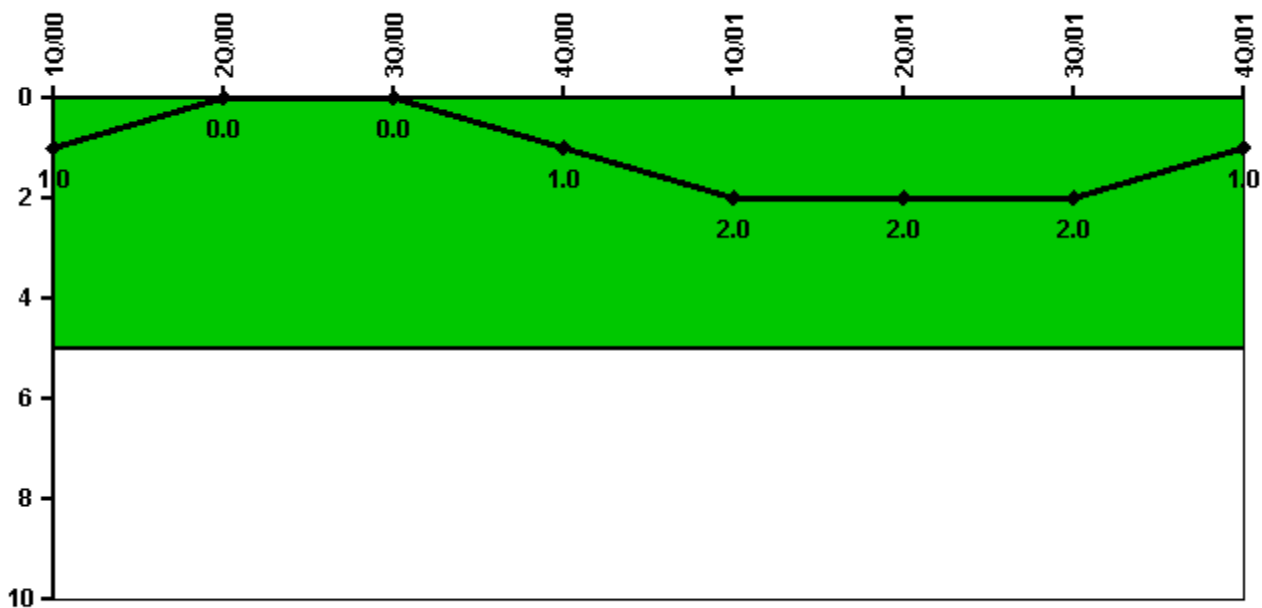
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	0.25	0.25	9.30	0	0	13.50	12.50	8.10
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	2208.00	356.30	1168.40	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	12.55	0.25	12.00	0	0.25	14.70	0	10.00
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	2184.00	2183.00	2208.00	406.20	1168.40	2183.00	2208.00	2209.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)



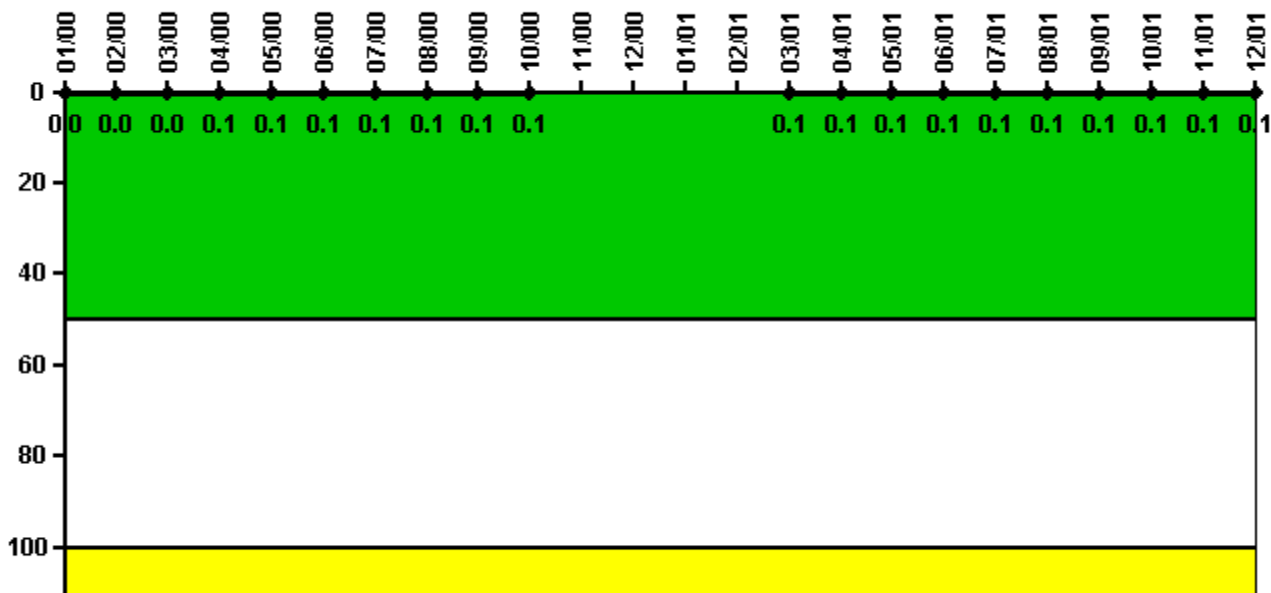
Thresholds: White > 5.0

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	1	1	0	0	0
Indicator value	1	0	0	1	2	2	2	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

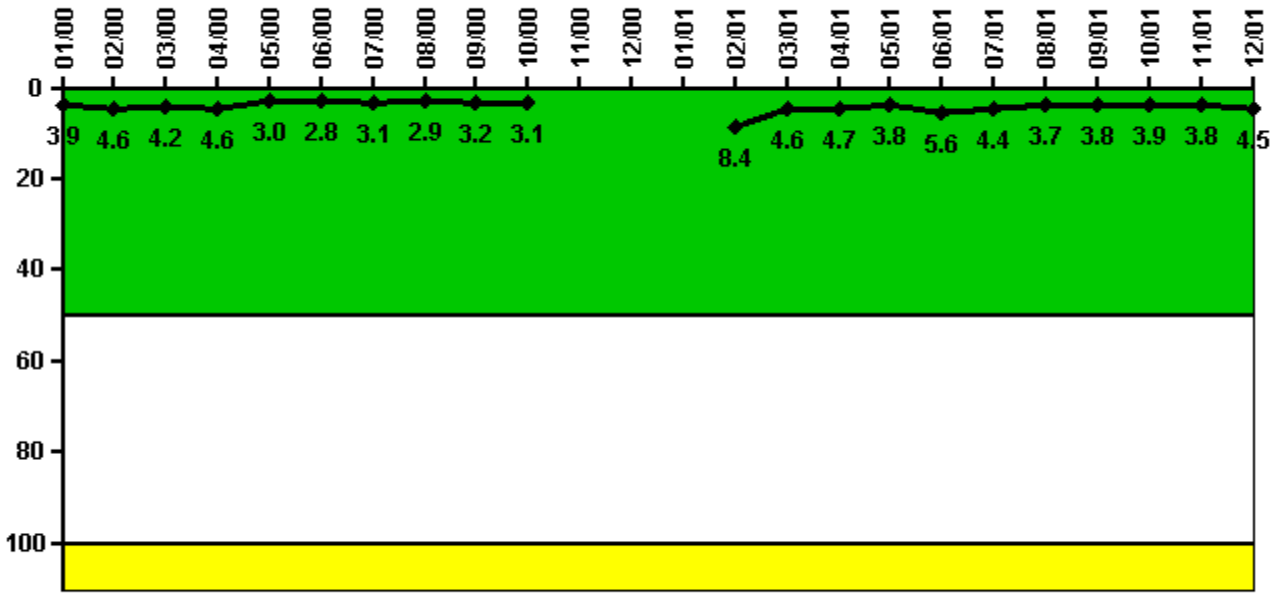
Notes

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	0.000382	0.000440	0.000409	0.000504	0.000440	0.000453	0.000538	0.000467	0.000444	0.000411	N/A	N/A
Technical specification limit	1.0	1.0	1.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	N/A

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	N/A	N/A	0.000245	0.000281	0.000276	0.000275	0.000290	0.000362	0.000314	0.000340	0.000341	0.000360
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	N/A	N/A	0.1	0.1	0.1	0.1	0.1	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

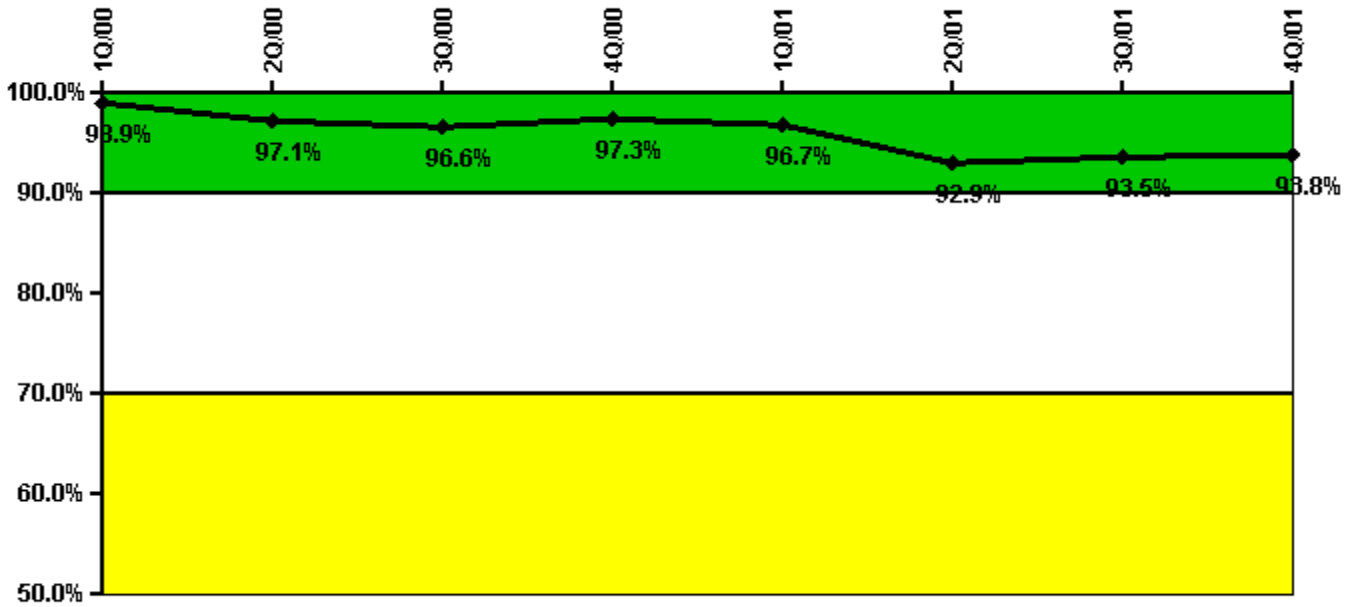
Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.390	0.460	0.420	0.460	0.300	0.280	0.310	0.290	0.320	0.310	N/A	N/A
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.9	4.6	4.2	4.6	3.0	2.8	3.1	2.9	3.2	3.1	N/A	N/A

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	N/A	0.840	0.460	0.470	0.380	0.560	0.440	0.370	0.380	0.390	0.380	0.450
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	8.4	4.6	4.7	3.8	5.6	4.4	3.7	3.8	3.9	3.8	4.5

Licensee Comments:

12/01: A revision was made to the RCS Identified Leakage data reported for August 2001. The RCS Identified Leakage was previously reported as 0.36 gpm whereas it should have been 0.37 gpm.

Drill/Exercise Performance



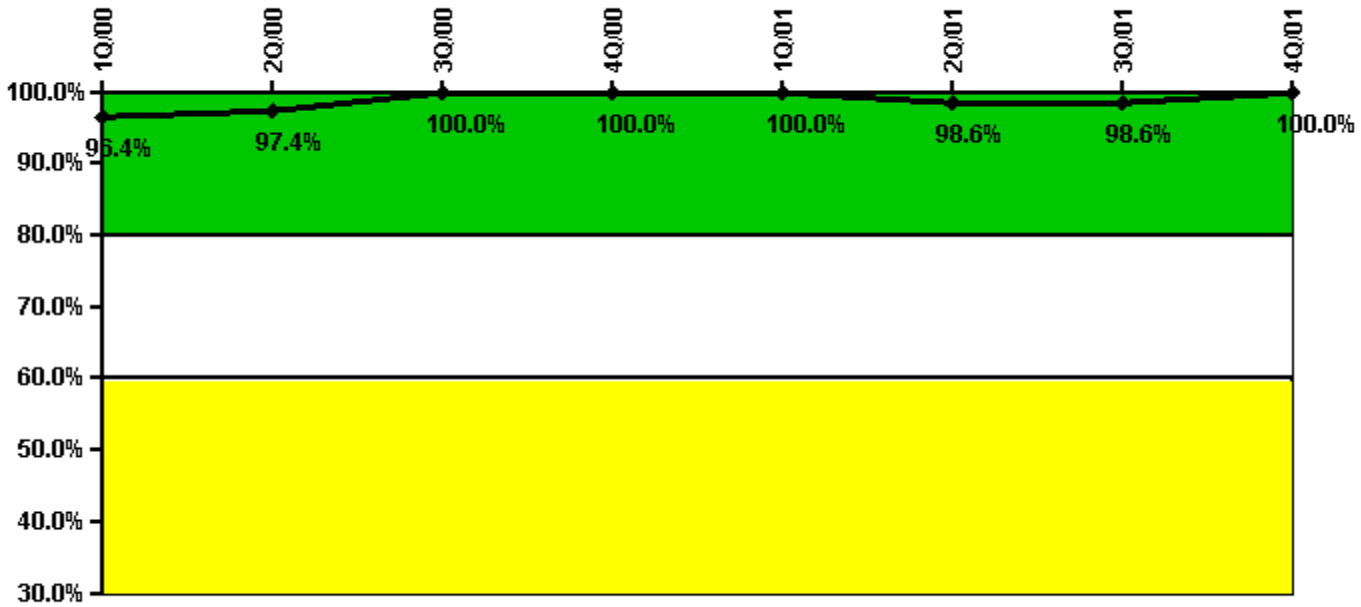
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	38.0	16.0	13.0	0	10.0	32.0	28.0	29.0
Total opportunities	38.0	18.0	14.0	0	11.0	39.0	28.0	29.0
Indicator value	98.9%	97.1%	96.6%	97.3%	96.7%	92.9%	93.5%	93.8%

Licensee Comments: none

ERO Drill Participation



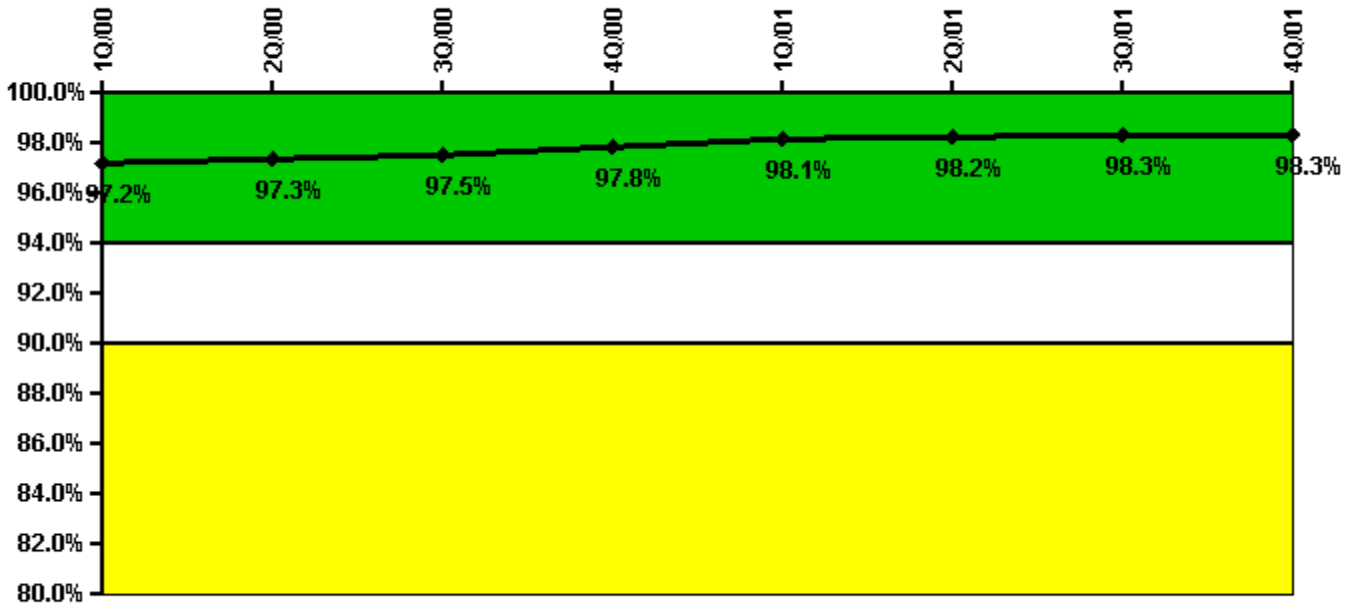
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	107.0	74.0	77.0	74.0	70.0	70.0	69.0	72.0
Total Key personnel	111.0	76.0	77.0	74.0	70.0	71.0	70.0	72.0
Indicator value	96.4%	97.4%	100.0%	100.0%	100.0%	98.6%	98.6%	100.0%

Licensee Comments: none

Alert & Notification System



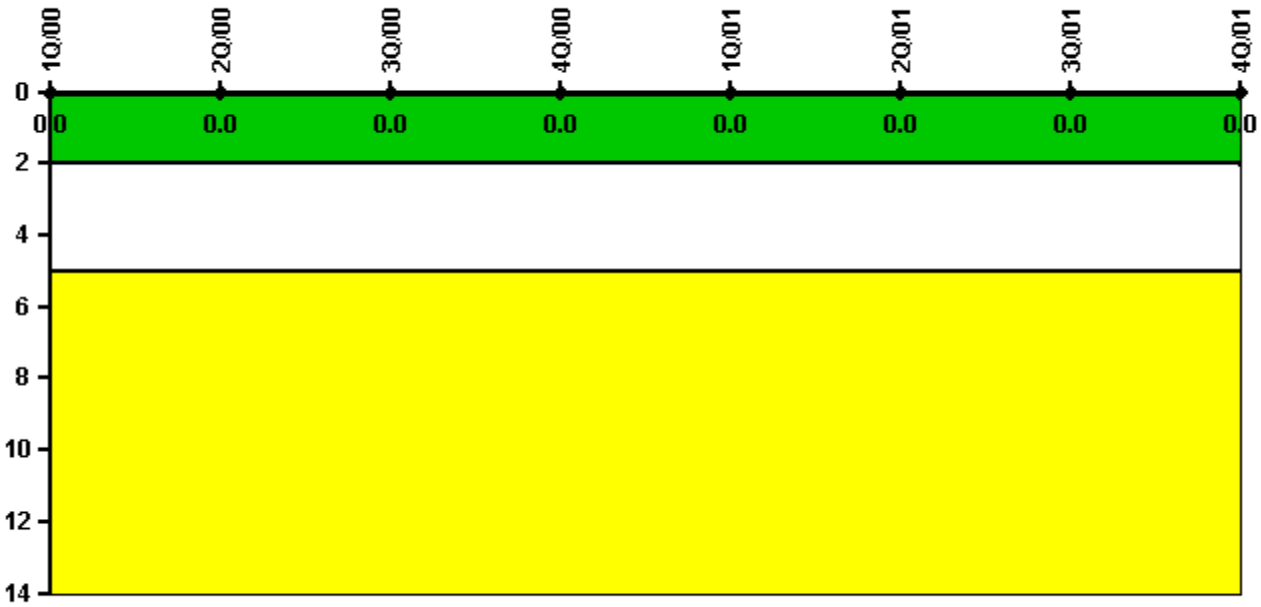
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	1662	1656	1749	1571	1681	1660	1652	1781
Total sirens-tests	1696	1696	1802	1590	1696	1696	1694	1802
Indicator value	97.2%	97.3%	97.5%	97.8%	98.1%	98.2%	98.3%	98.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



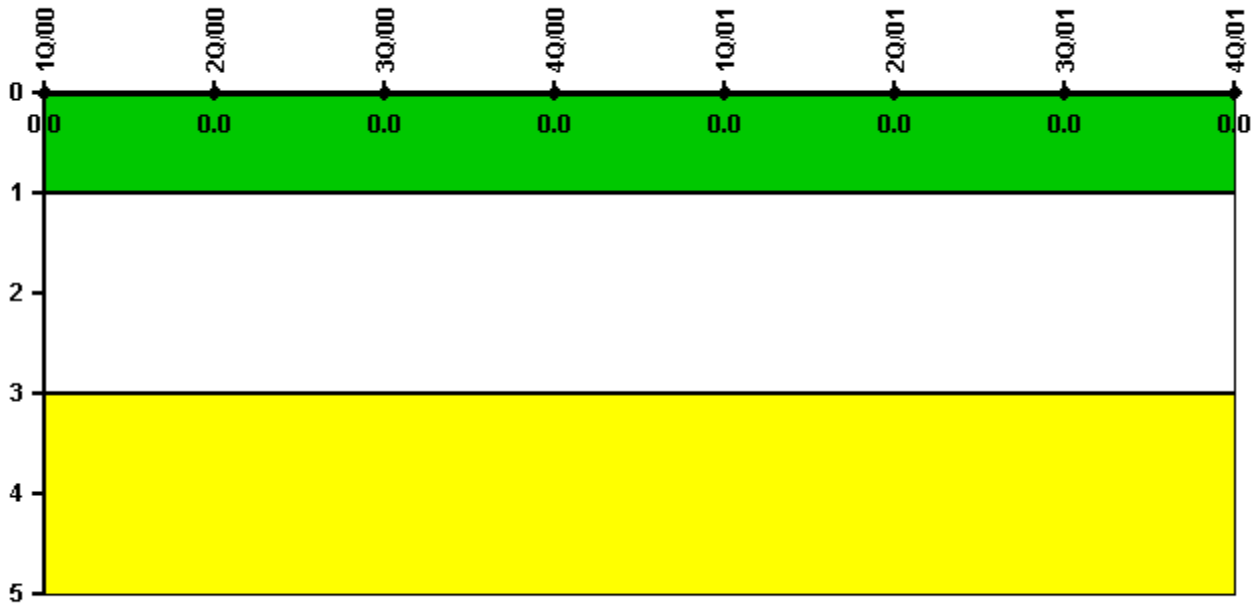
Thresholds: White > 2.0 Yellow > 5.0

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	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



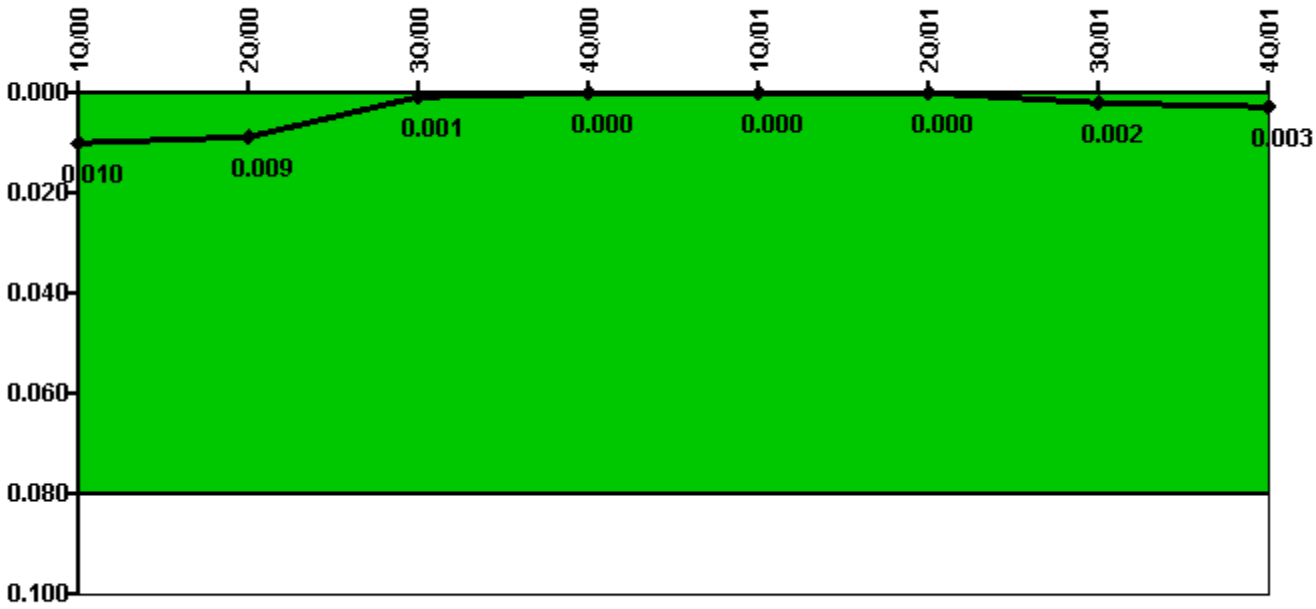
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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	0.90	0	0	0	0	1.60	36.10	25.40
CCTV compensatory hours	0	0	0	1.1	0.4	0	0	1.9
IDS normalization factor	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.010	0.009	0.001	0	0	0	0.002	0.003

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

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

Last Modified: March 15, 2002