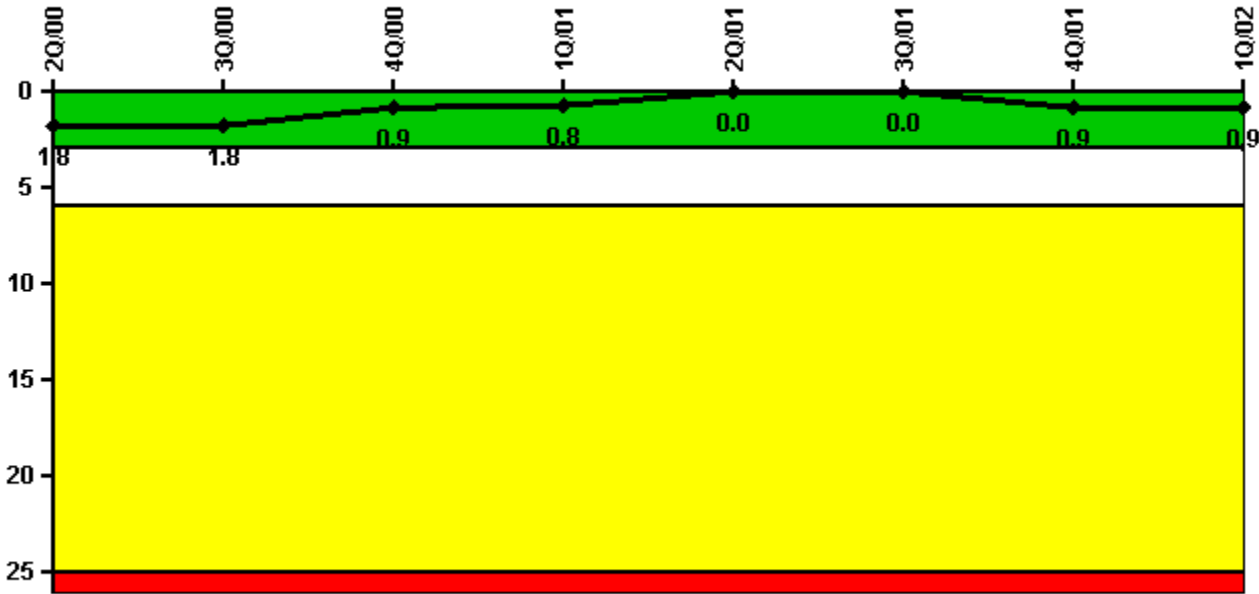


Catawba 2

1Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



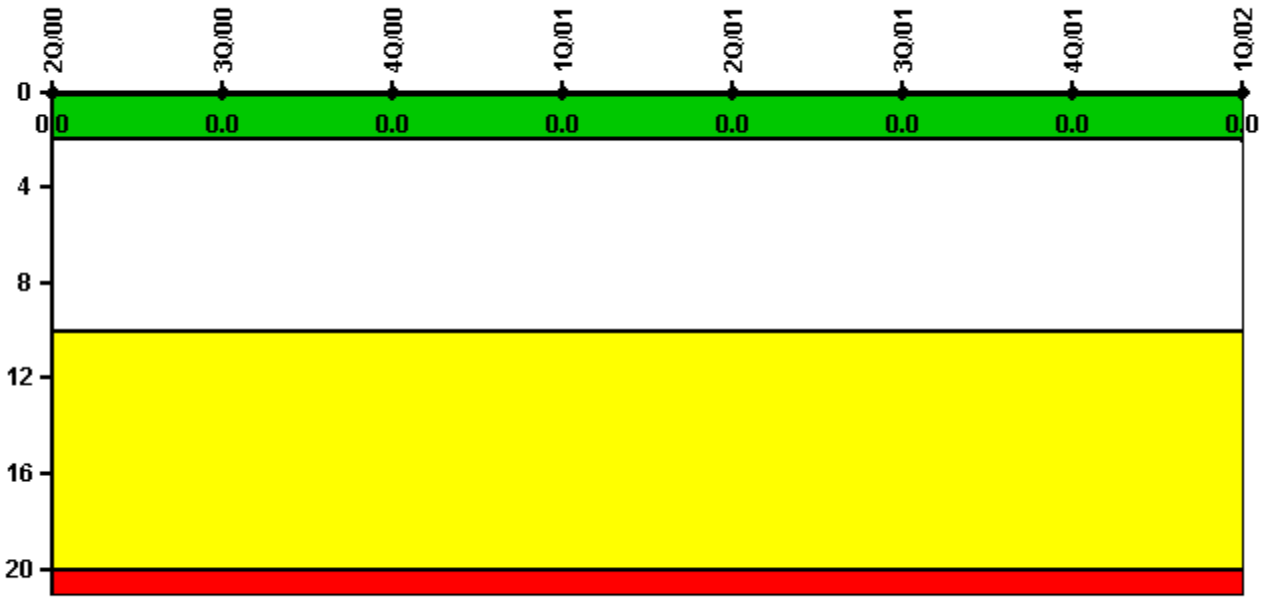
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	1.0	0	0	0	0	0	1.0	0
Critical hours	1953.0	2208.0	2209.0	2160.0	2183.0	1827.7	1364.5	2160.0
Indicator value	1.8	1.8	0.9	0.8	0	0	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



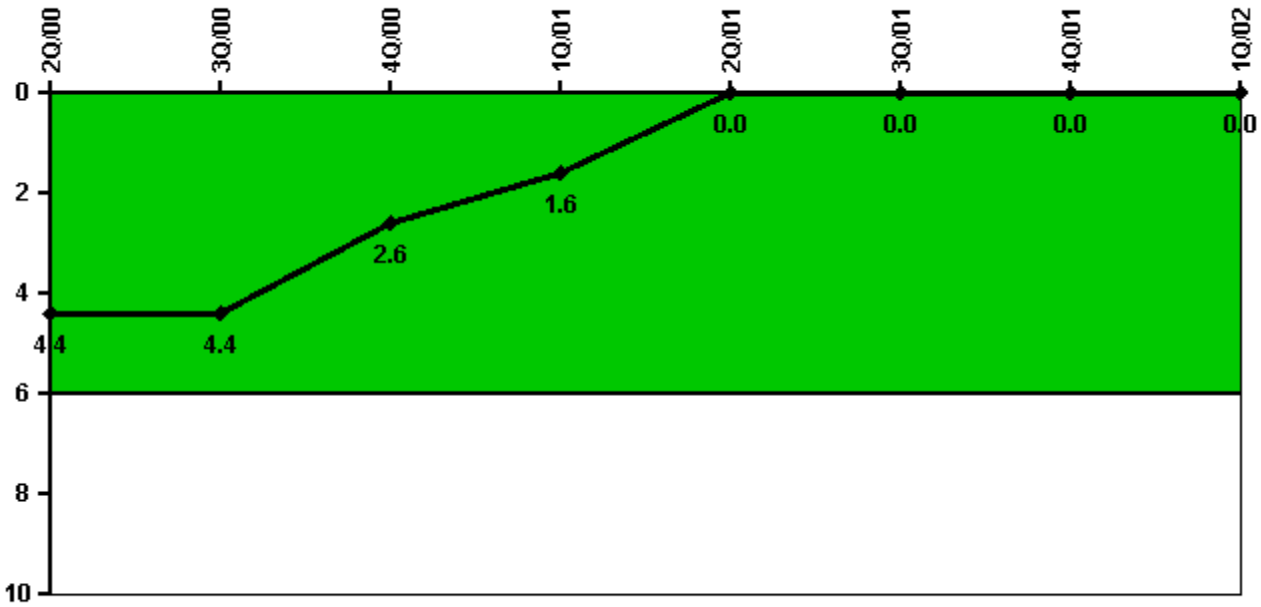
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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



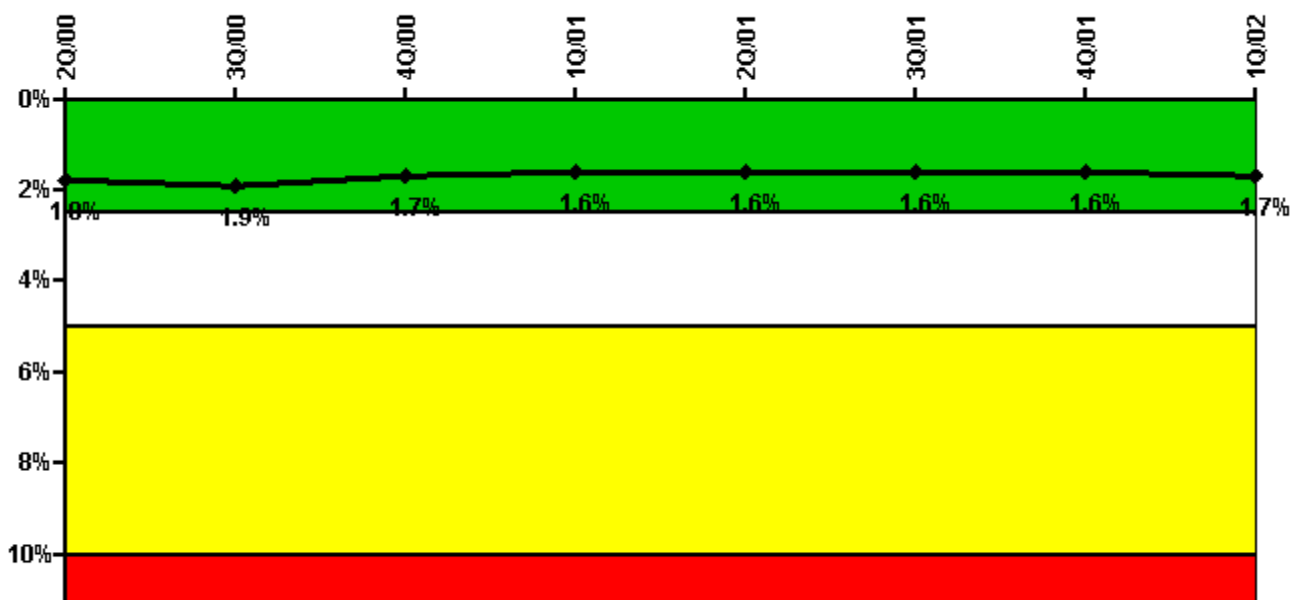
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	2.0	0	0	0	0	0	0	0
Critical hours	1953.0	2208.0	2209.0	2160.0	2183.0	1827.7	1364.5	2160.0
Indicator value	4.4	4.4	2.6	1.6	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



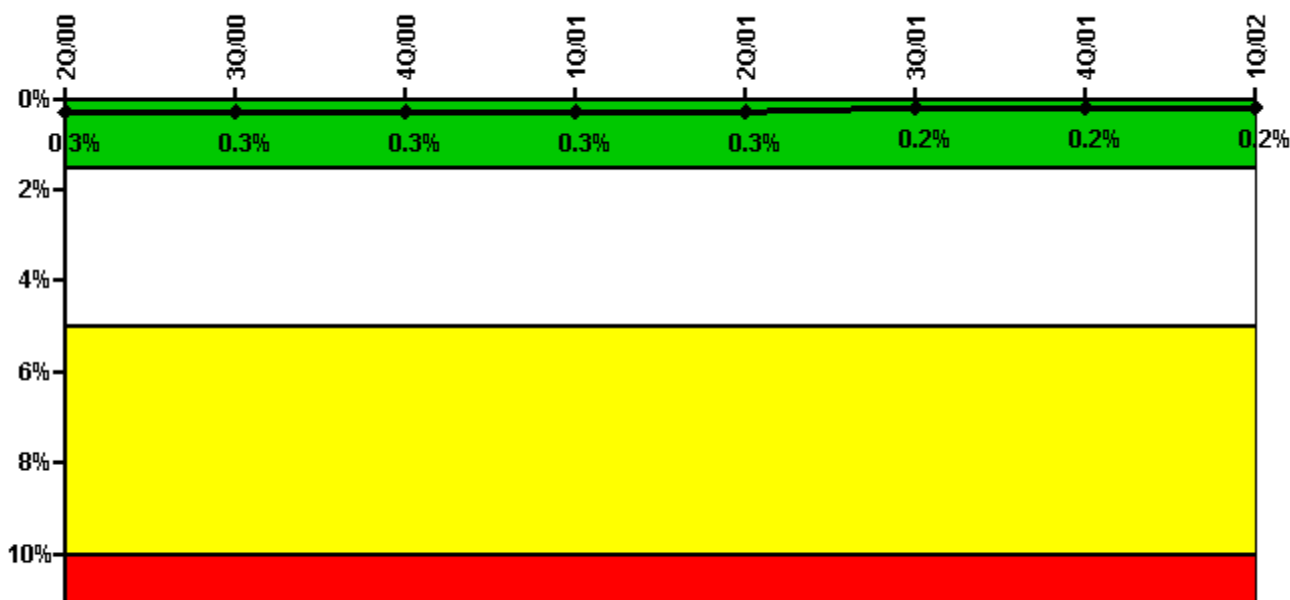
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	2.85	3.31	2.02	10.98	1.66	2.47	1.87	0
Unplanned unavailable hours	7.93	0	0	0	0	0	0	62.11
Fault exposure hours	8.10	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2208.00	2209.00	2160.00	2184.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	3.24	3.34	2.18	11.66	2.04	2.04	1.77	0
Unplanned unavailable hours	0	30.83	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	2188.00	2208.00	2209.00	2160.00	2184.00	2208.00	2208.00	2160.00
Indicator value	1.8%	1.9%	1.7%	1.6%	1.6%	1.6%	1.6%	1.7%

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)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	3.70	6.93	4.50	3.63	1.60	10.28	1.10	0.30
Unplanned unavailable hours	0	4.45	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	1956.00	2208.00	2209.00	2160.00	2184.00	1827.78	1364.50	2160.00
Train 2								
Planned unavailable hours	6.90	3.30	0.20	8.50	2.00	1.40	0.80	2.67
Unplanned unavailable hours	0	0	4.00	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	1956.00	2208.00	2209.00	2160.00	2184.00	1827.78	1364.50	2160.00
Train 3								
Planned unavailable hours	0	6.30	0	0	1.50	0.50	0	11.80
Unplanned unavailable hours	0	4.45	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	1956.00	2208.00	2209.00	2160.00	2184.00	1827.78	1364.50	2160.00
Train 4								
Planned unavailable hours	1.10	0	0	0.60	1.70	4.02	0	1.57
Unplanned unavailable hours	0	0	4.00	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	1956.00	2208.00	2209.00	2160.00	2184.00	1827.78	1364.50	2160.00
Indicator value	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%

Licensee Comments:

4Q/01: Unavailable hours revised to conform to NEI 99-02 guidance. Proper procedural guidance was not in place during IWP testing to maintain pump availability.

3Q/01: Unavailable hours revised to conform to NEI 99-02 guidance. Proper procedural guidance was not in place during IWP testing to maintain pump availability.

2Q/01: Unavailable hours revised to conform to NEI 99-02 guidance. Proper procedural guidance was not in place during IWP testing to maintain pump availability.

1Q/01: Unavailable hours revised to conform to NEI 99-02 guidance. Proper procedural guidance was not in place during IWP testing to maintain pump availability.

4Q/00: Unavailable hours revised to conform to NEI 99-02 guidance. Proper procedural guidance was not in place during IWP testing to maintain pump availability.

3Q/00: Unavailable hours revised to conform to NEI 99-02 guidance. Proper procedural guidance was not in place during IWP testing to maintain pump availability.

2Q/00: Unavailable hours revised to conform to NEI 99-02 guidance. Proper procedural guidance was not in place during IWP testing to maintain pump availability.

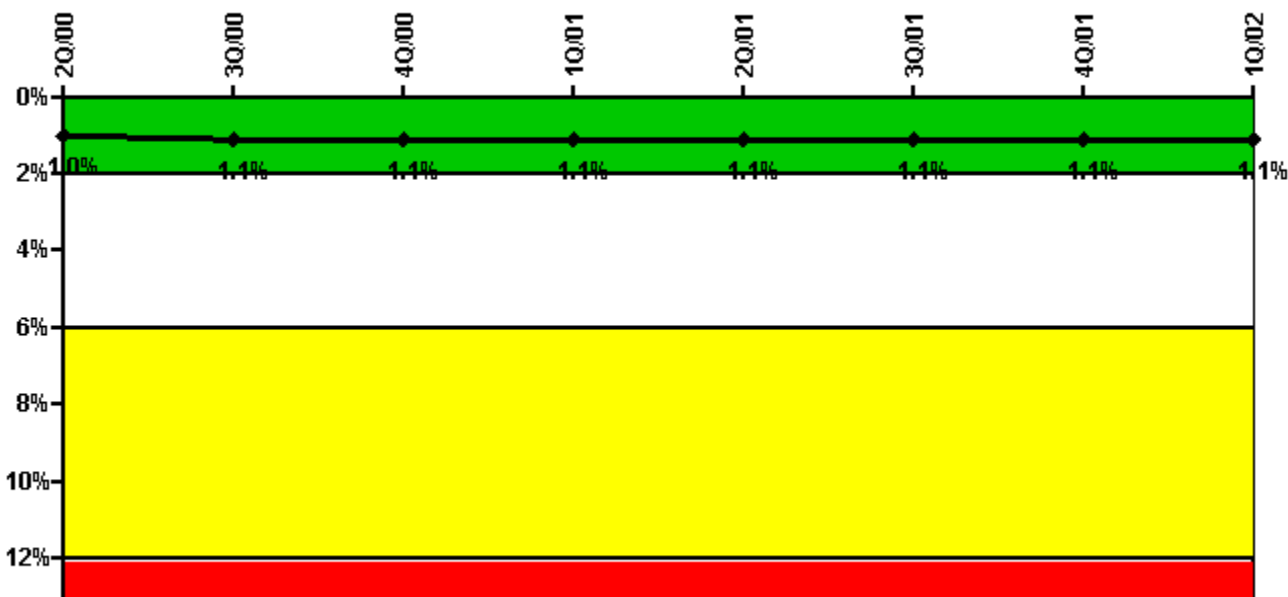
1Q/00: Unavailable hours revised to conform to NEI 99-02 guidance. Proper procedural guidance was not in place during IWP testing to maintain pump availability.

4Q/99: Unavailable hours revised to conform to NEI 99-02 guidance. Proper procedural guidance was not in place during IWP testing to maintain pump availability.

2Q/99: Unavailable hours revised to conform to NEI 99-02 guidance. Proper procedural guidance was not in place during IWP testing to maintain pump availability.

1Q/99: Unavailable hours revised to conform to NEI 99-02 guidance. Proper procedural guidance was not in place during IWP testing to maintain pump availability.

Safety System Unavailability, Heat Removal System (AFW)



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

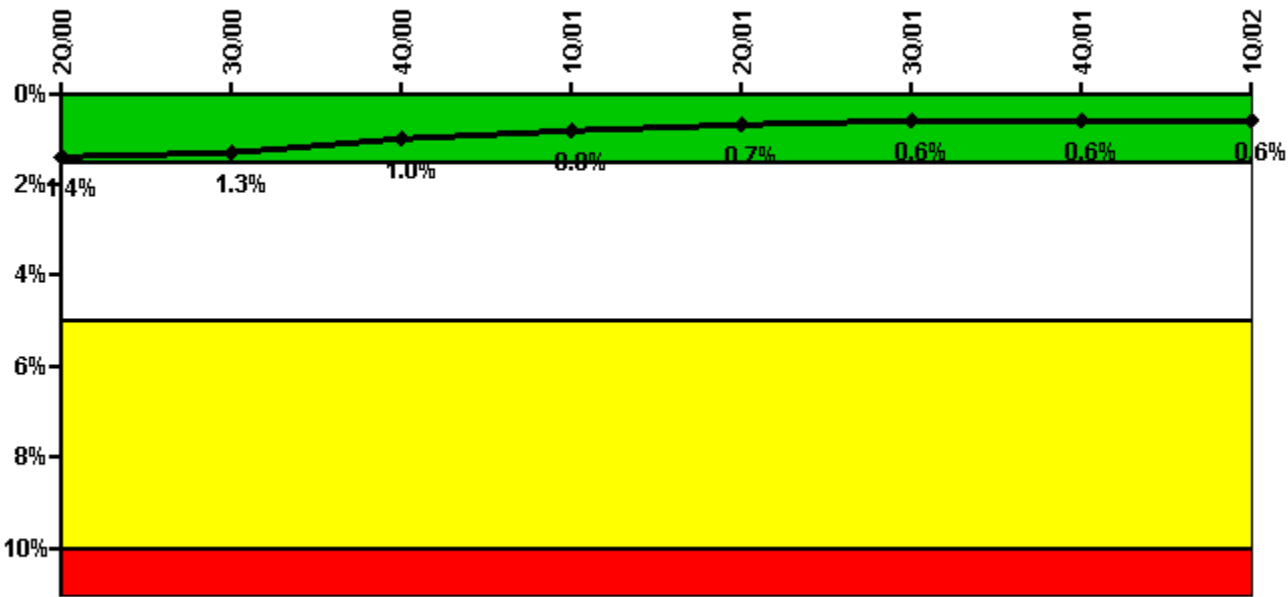
Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
---	-------	-------	-------	-------	-------	-------	-------	-------

Train 1								
Planned unavailable hours	8.89	30.49	8.52	9.28	10.14	2.55	3.72	16.75
Unplanned unavailable hours	37.47	4.45	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	2061.00	2208.00	2209.00	2160.00	2184.00	1828.00	1464.00	2160.00
Train 2								
Planned unavailable hours	33.40	23.90	7.83	1.73	15.93	8.76	0.25	11.25
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	2061.00	2208.00	2209.00	2160.00	2184.00	1828.00	1464.00	2160.00
Train 3								
Planned unavailable hours	35.90	18.36	7.21	10.78	12.25	14.04	3.17	33.40
Unplanned unavailable hours	0	0	2.43	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	2020.00	2208.00	2209.00	2160.00	2184.00	1828.00	1464.00	2160.00
Indicator value	1.0%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

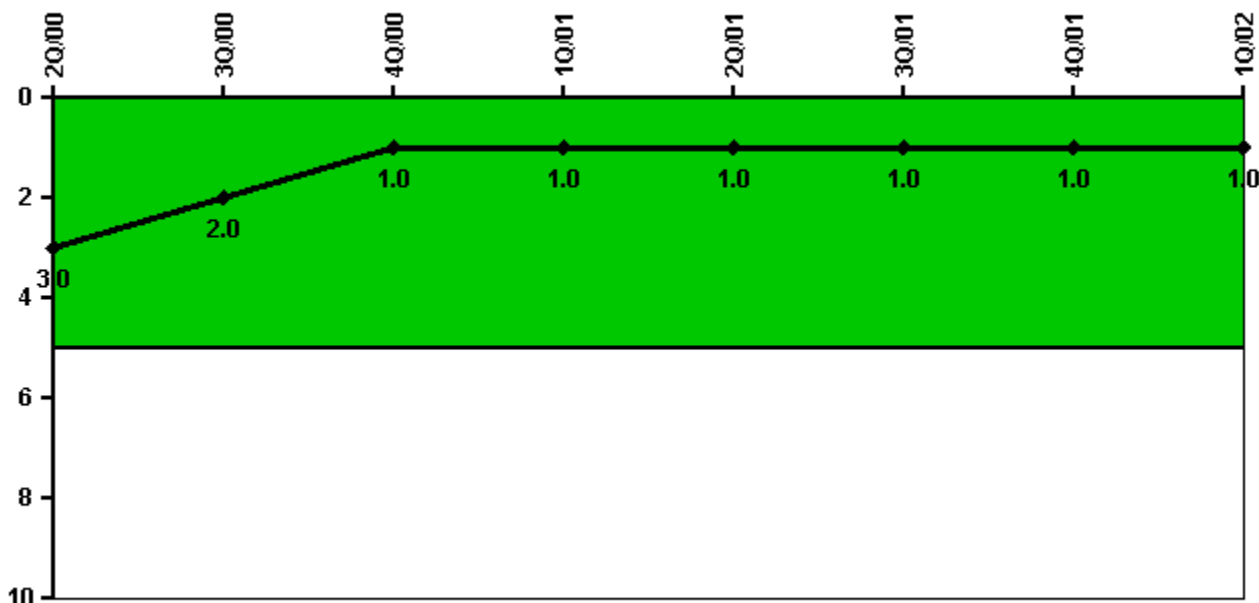
Notes

Safety System Unavailability, Residual Heat Removal System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	9.80	0	1.20	0.38	26.02	0.50	5.13	0
Unplanned unavailable hours	0	4.45	0	0	1.40	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	2208.00	2209.00	2160.00	2184.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	28.60	0.35	0	2.20	0	0.17	0	26.72
Unplanned unavailable hours	0	0	23.20	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	2208.00	2209.00	2160.00	2184.00	2208.00	2209.00	2160.00
Indicator value	1.4%	1.3%	1.0%	0.8%	0.7%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



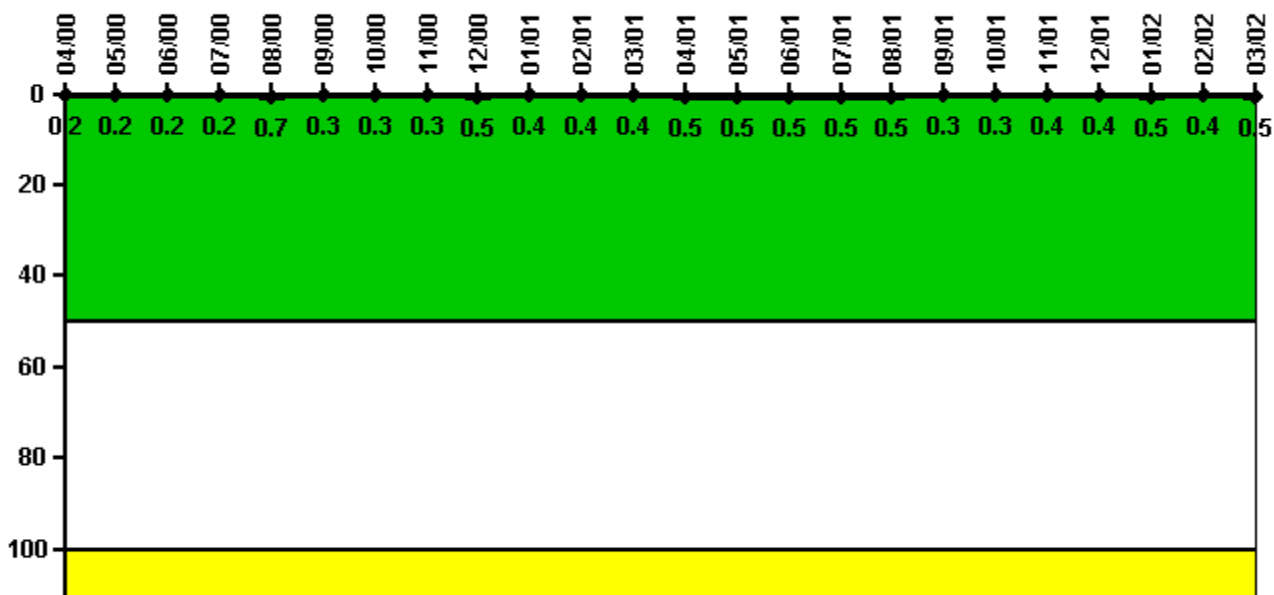
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Safety System Functional Failures	1	0	0	0	1	0	0	0
Indicator value	3	2	1	1	1	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



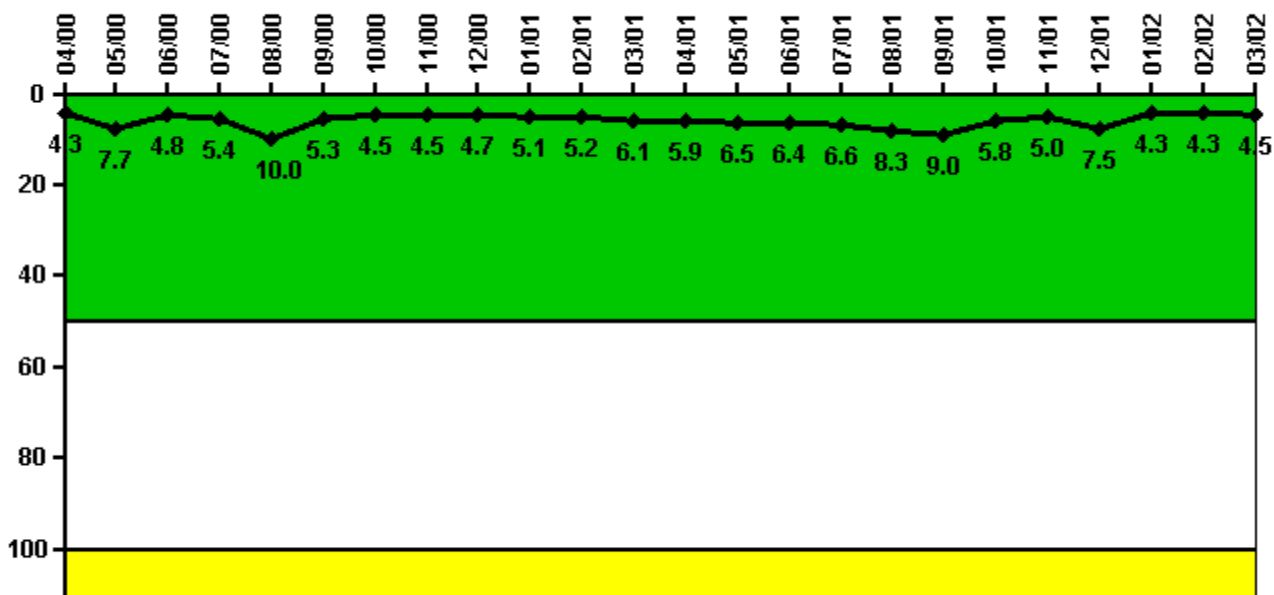
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000110	0.000120	0.000110	0.000140	0.000440	0.000210	0.000200	0.000200	0.000300	0.000260	0.000230	0.000260
Technical specification limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Indicator value	0.2	0.2	0.2	0.2	0.7	0.3	0.3	0.3	0.5	0.4	0.4	0.4
Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.000300	0.000300	0.000300	0.000300	0.000300	0.000200	0.000170	0.000260	0.000270	0.000290	0.000280	0.000310
Technical specification limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Indicator value	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.4	0.4	0.5	0.4	0.5

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

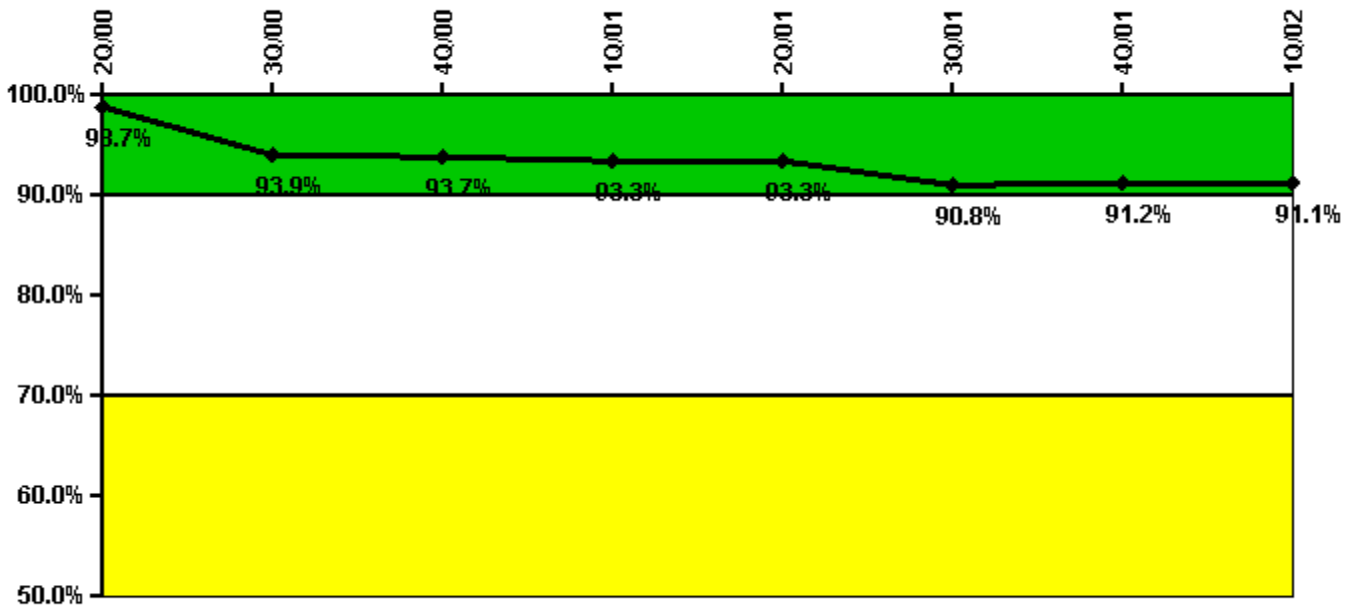
Notes

Reactor Coolant System Leakage	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.432	0.770	0.481	0.535	0.997	0.528	0.445	0.452	0.467	0.511	0.517	0.608
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	4.3	7.7	4.8	5.4	10.0	5.3	4.5	4.5	4.7	5.1	5.2	6.1

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0.585	0.649	0.637	0.659	0.833	0.898	0.577	0.497	0.747	0.428	0.430	0.449
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	5.9	6.5	6.4	6.6	8.3	9.0	5.8	5.0	7.5	4.3	4.3	4.5

Licensee Comments: none

Drill/Exercise Performance



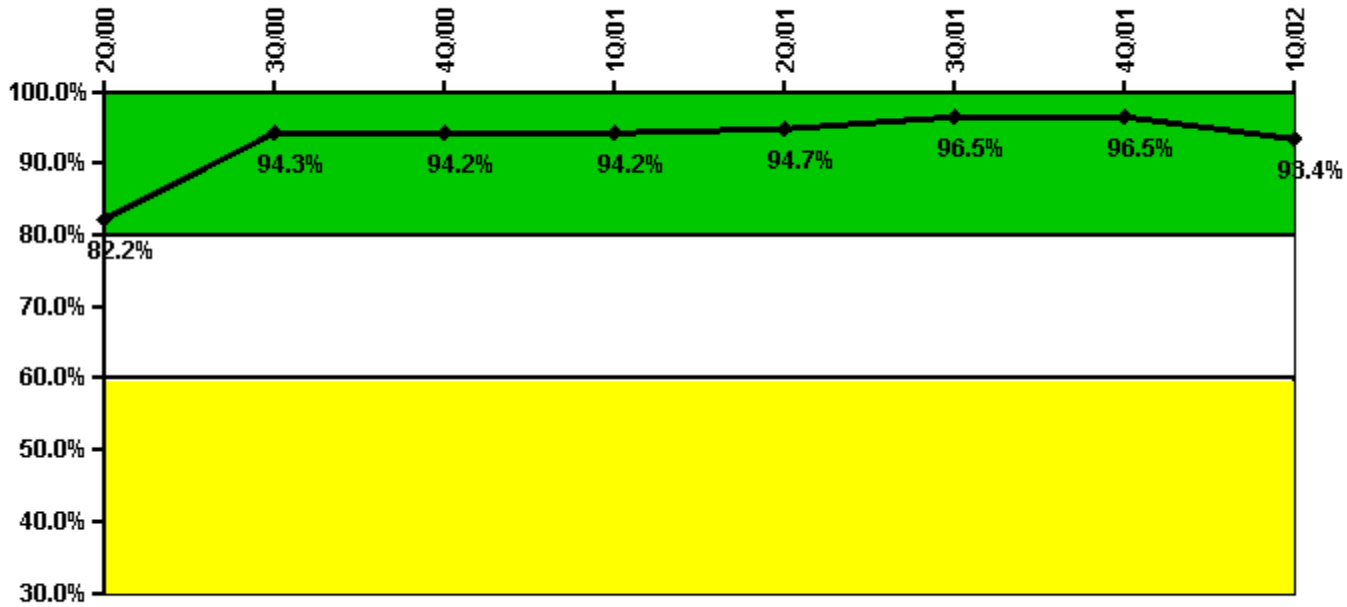
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	8.0	69.0	9.0	2.0	7.0	111.0	12.0	16.0
Total opportunities	9.0	77.0	9.0	2.0	7.0	125.0	12.0	16.0
Indicator value	98.7%	93.9%	93.7%	93.3%	93.3%	90.8%	91.2%	91.1%

Licensee Comments: none

ERO Drill Participation



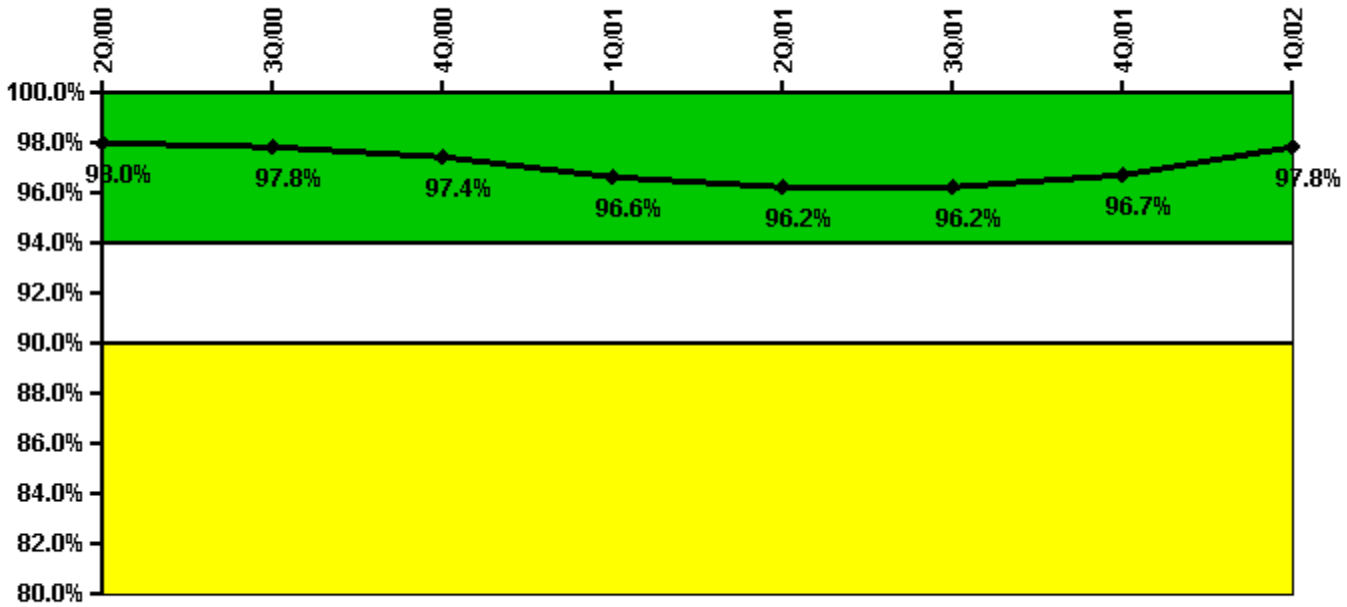
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	157.0	181.0	180.0	179.0	178.0	192.0	191.0	184.0
Total Key personnel	191.0	192.0	191.0	190.0	188.0	199.0	198.0	197.0
Indicator value	82.2%	94.3%	94.2%	94.2%	94.7%	96.5%	96.5%	93.4%

Licensee Comments: none

Alert & Notification System



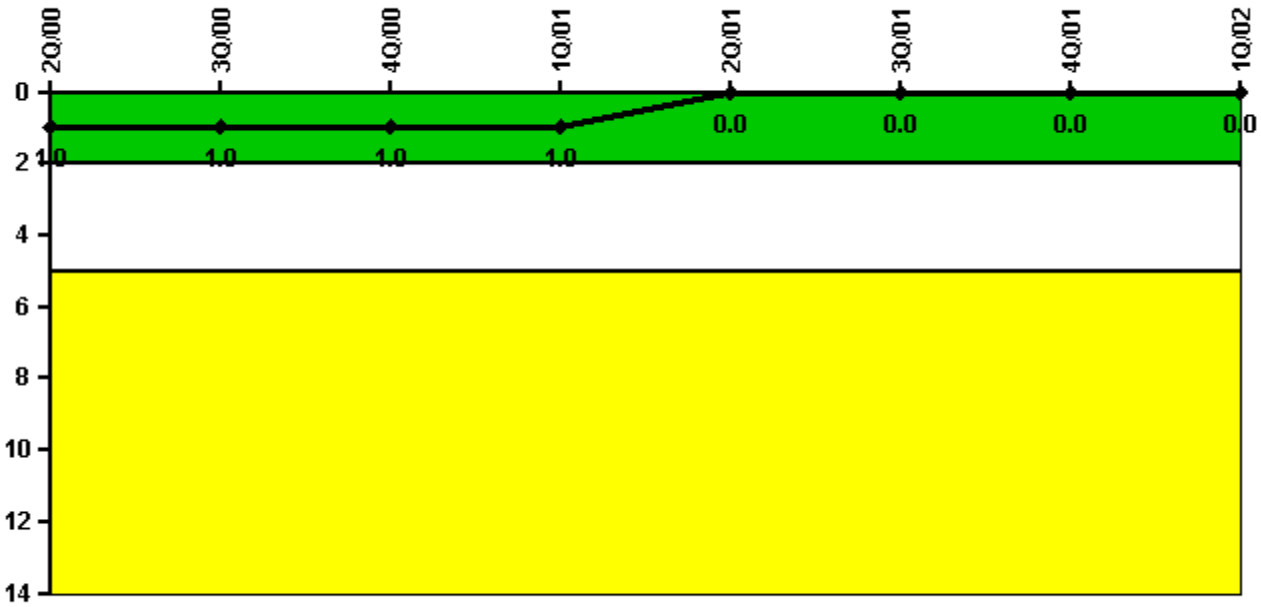
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	2234	2123	2195	2135	2293	2208	2162	2337
Total sirens-tests	2270	2188	2262	2276	2363	2275	2186	2375
Indicator value	98.0%	97.8%	97.4%	96.6%	96.2%	96.2%	96.7%	97.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



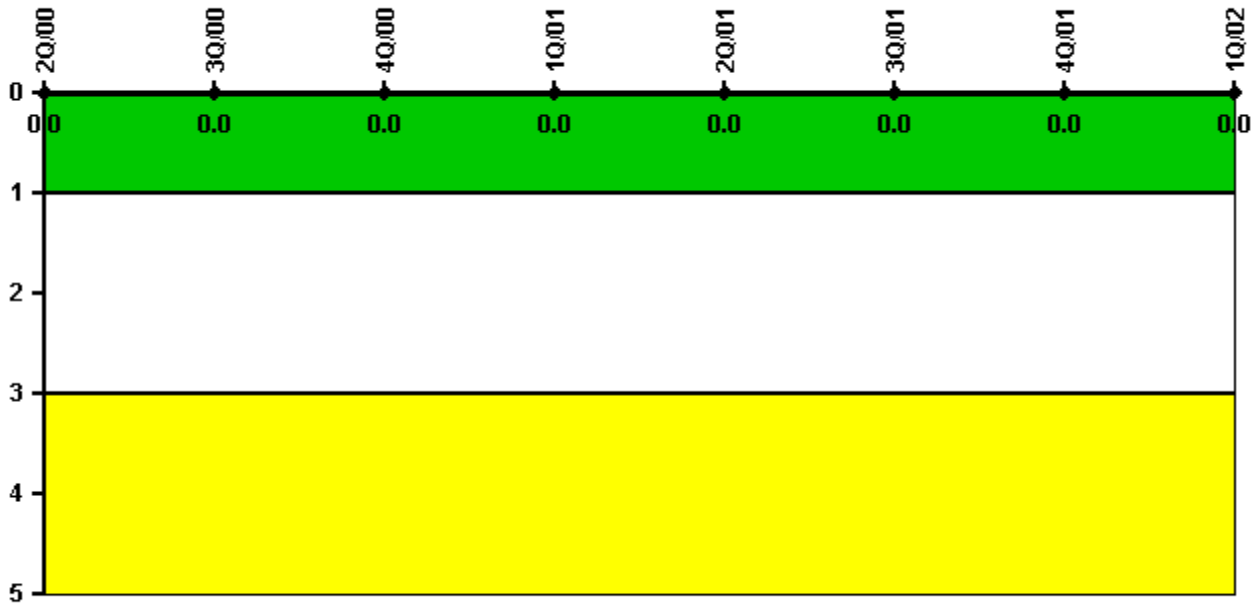
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
High radiation area occurrences	1	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	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



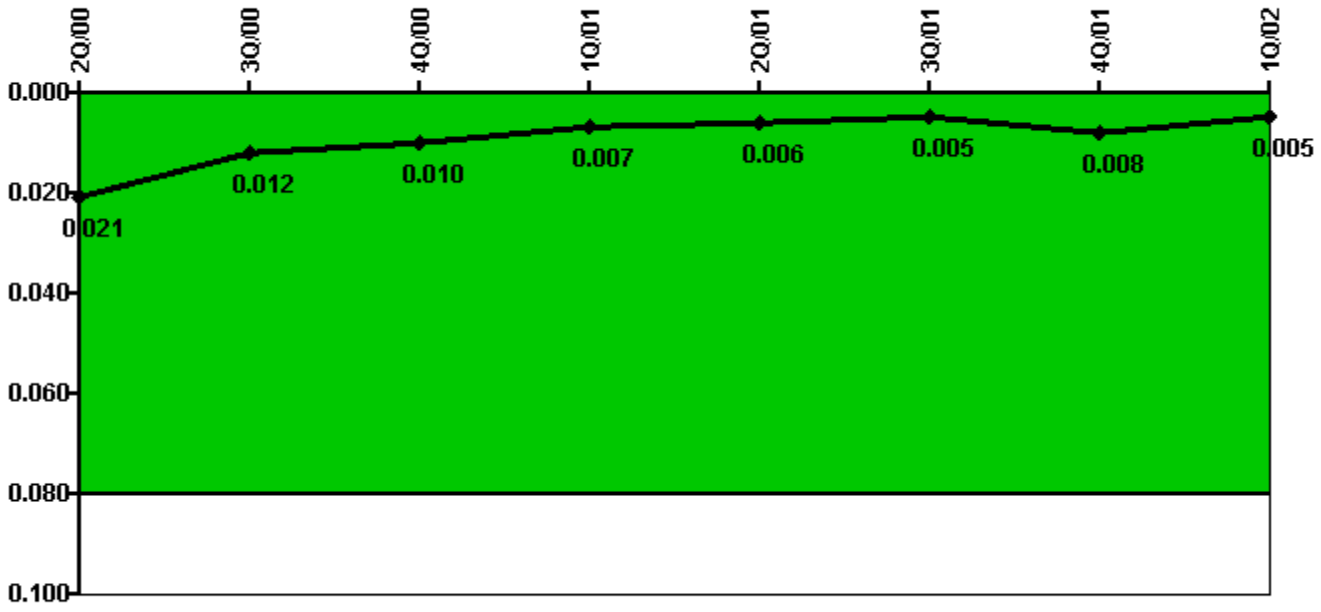
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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



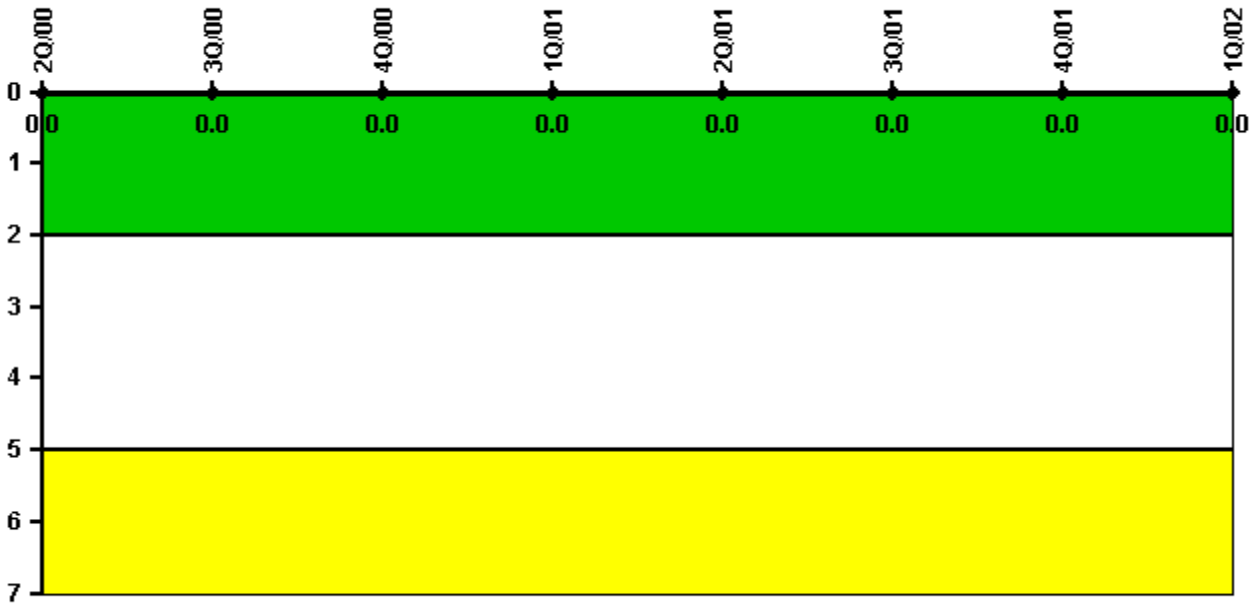
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
IDS compensatory hours	63.90	30.30	0	9.20	58.10	12.10	93.50	20.00
CCTV compensatory hours	10.5	7.9	0.5	57.3	3.8	0	2.5	0
IDS normalization factor	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.021	0.012	0.010	0.007	0.006	0.005	0.008	0.005

Licensee Comments: none

Personnel Screening Program



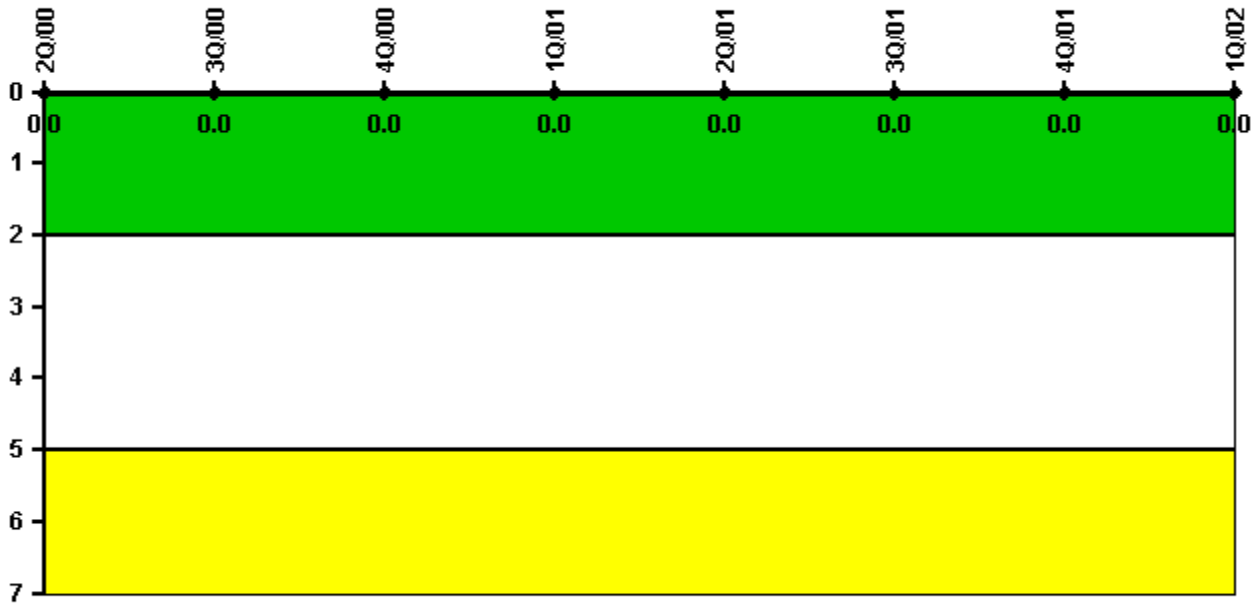
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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](#) | [Reactor Oversight Process](#)

Last Modified: May 1, 2002