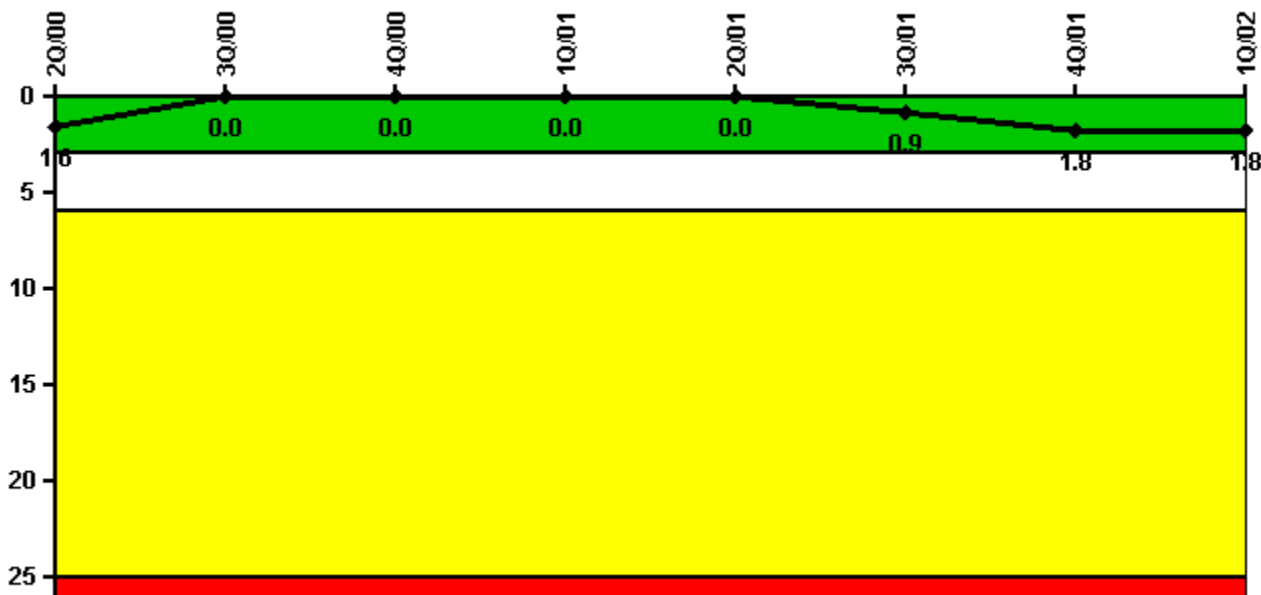


Pilgrim 1

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

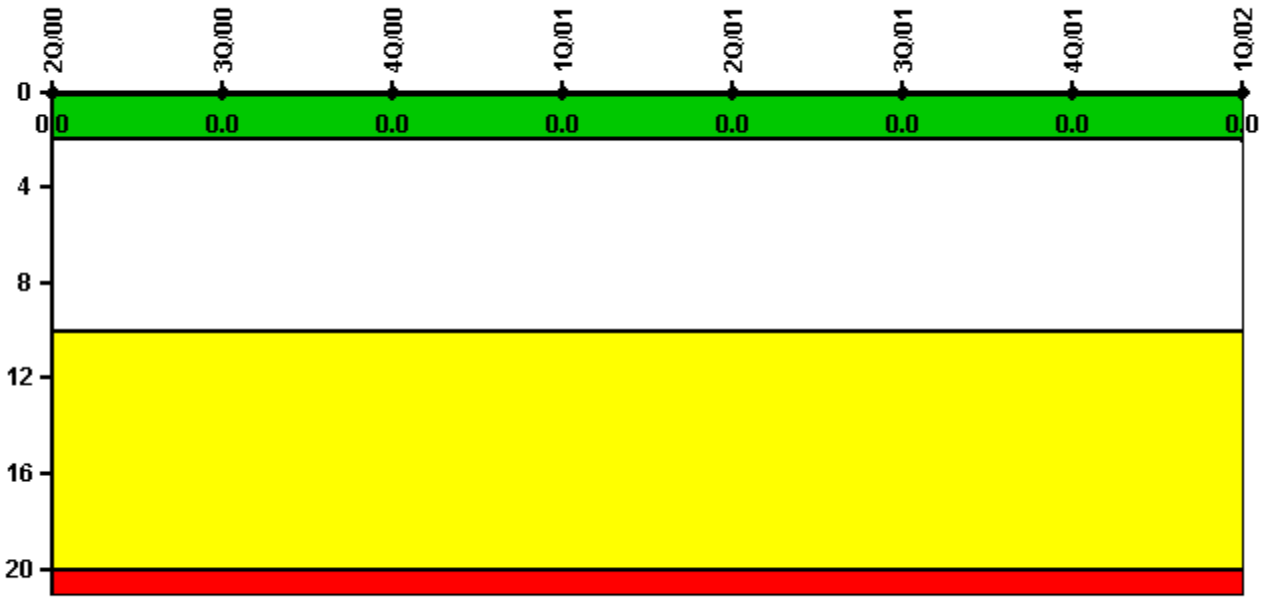
Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	0	0	0	0	0	1.0	1.0	0
Critical hours	2183.0	2156.1	2114.8	2160.0	1556.7	2115.4	2140.1	2160.0
Indicator value	1.6	0	0	0	0	0.9	1.8	1.8

Licensee Comments:

1Q/02: Reflects unplanned automatic scrams on 8/13/01 and 12/27/01.

Scrams with Loss of Normal Heat Removal



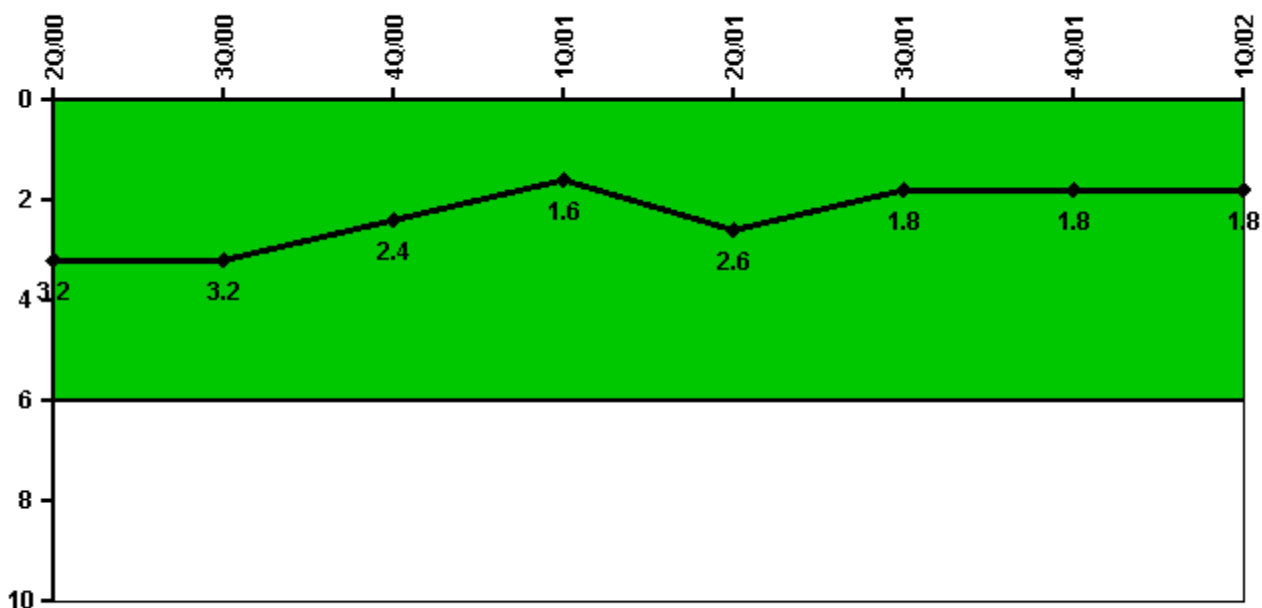
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

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

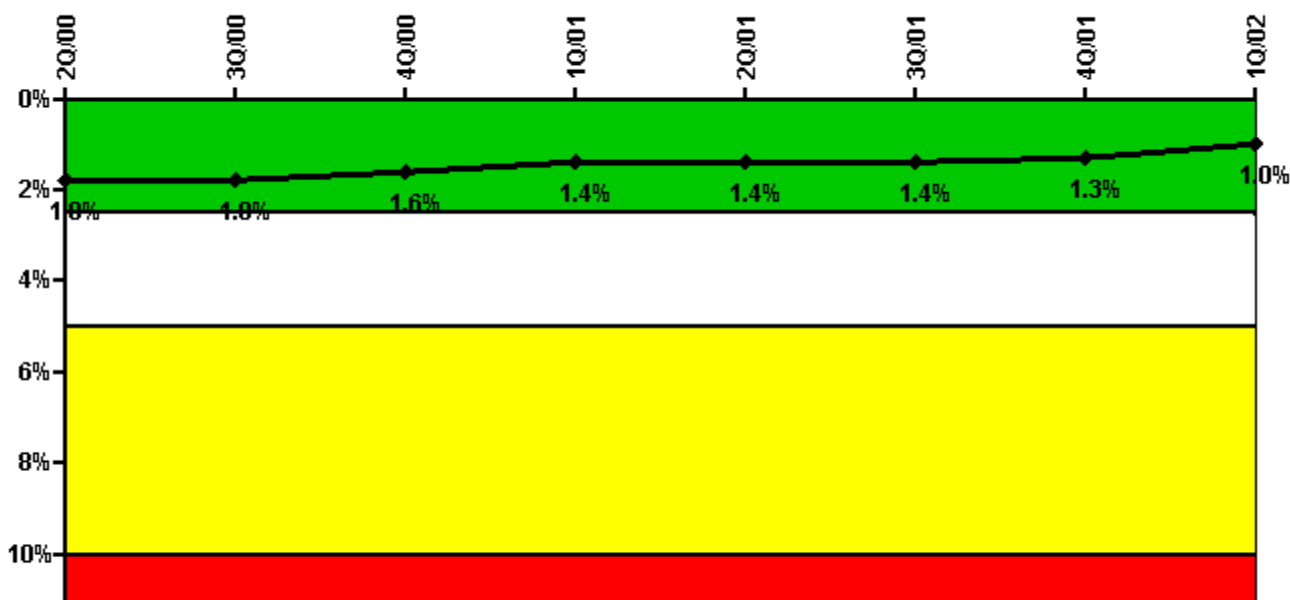
Notes

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	0	2.0	0	0	1.0	1.0	0	0
Critical hours	2183.0	2156.1	2114.8	2160.0	1556.7	2115.4	2140.1	2160.0
Indicator value	3.2	3.2	2.4	1.6	2.6	1.8	1.8	1.8

Licensee Comments:

1Q/02: Reflects unplanned power reductions on 6/20/01 and 9/14/01.

Safety System Unavailability, Emergency AC Power



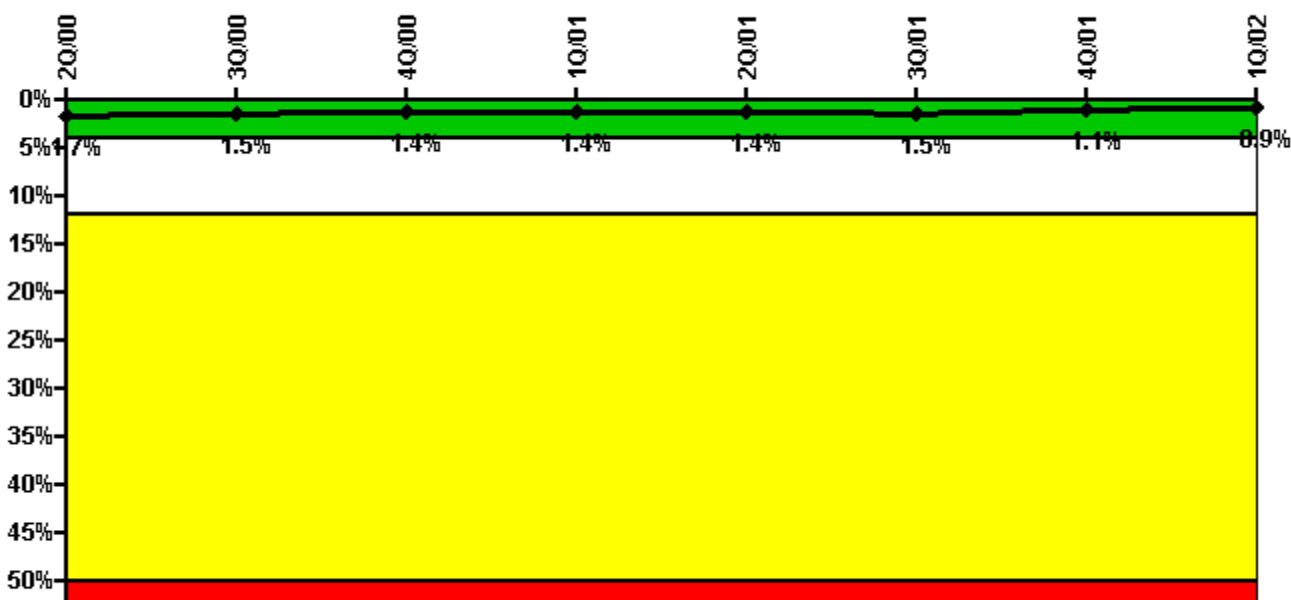
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	43.47	3.60	0	0.25	0.29	11.05	0.99	1.20
Unplanned unavailable hours	31.23	0	0	0	0	4.87	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	2183.00	2208.00	2208.00	2160.00	1573.25	2181.70	2154.80	2160.00
Train 2								
Planned unavailable hours	0	16.00	0	0.35	1.13	0.68	5.70	0.90
Unplanned unavailable hours	80.20	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	2183.00	2208.00	2208.00	2160.00	1573.25	2181.70	2154.80	2160.00
Indicator value	1.8%	1.8%	1.6%	1.4%	1.4%	1.4%	1.3%	1.0%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



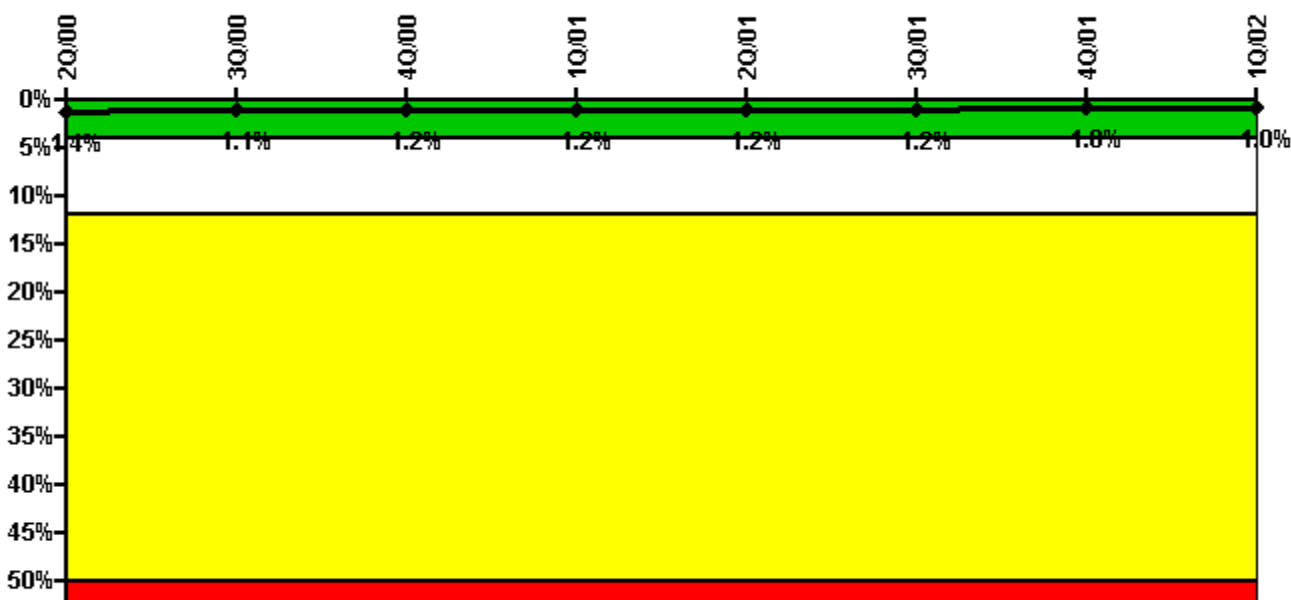
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	9.81	28.59	7.50	7.00	4.06	24.21	7.74	15.31
Unplanned unavailable hours	0.10	15.42	0	6.00	0	0	0	0
Fault exposure hours	0	11.79	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2116.00	2160.00	1525.00	2121.00	2148.00	2160.00
Indicator value	1.7%	1.5%	1.4%	1.4%	1.4%	1.5%	1.1%	0.9%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



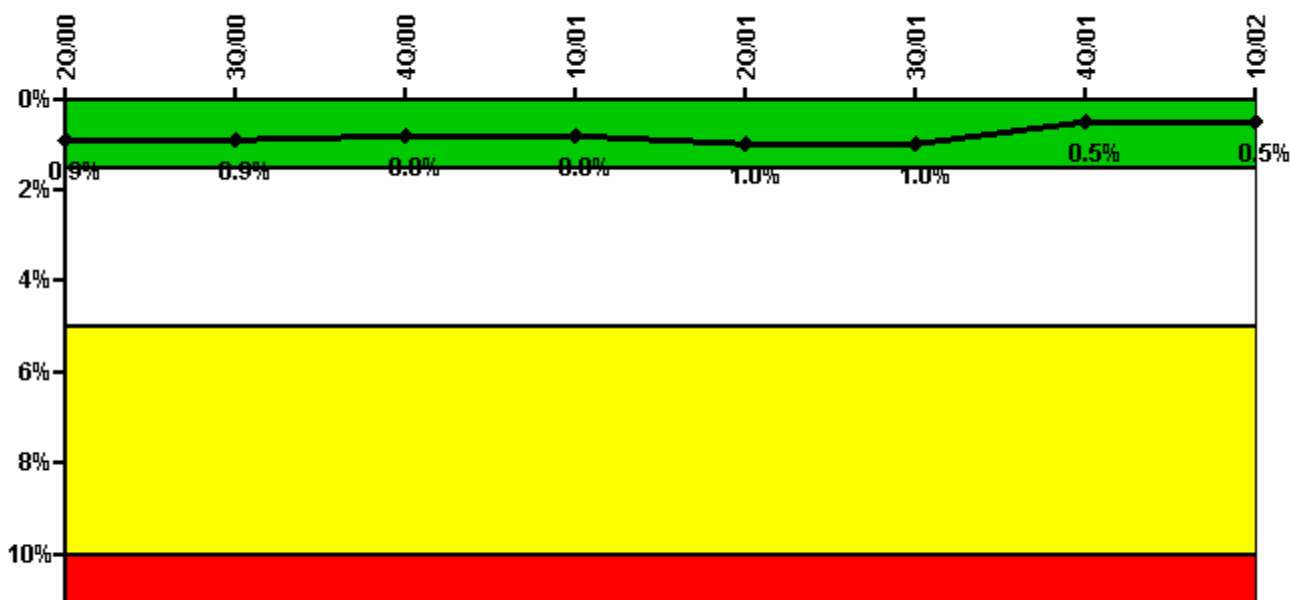
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	10.56	14.97	26.70	15.00	3.80	13.72	10.75	11.86
Unplanned unavailable hours	0	0	12.80	1.00	1.40	0.73	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	2183.00	2208.00	2116.00	2160.00	1525.00	2121.00	2148.00	2160.00
Indicator value	1.4%	1.1%	1.2%	1.2%	1.2%	1.2%	1.0%	1.0%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



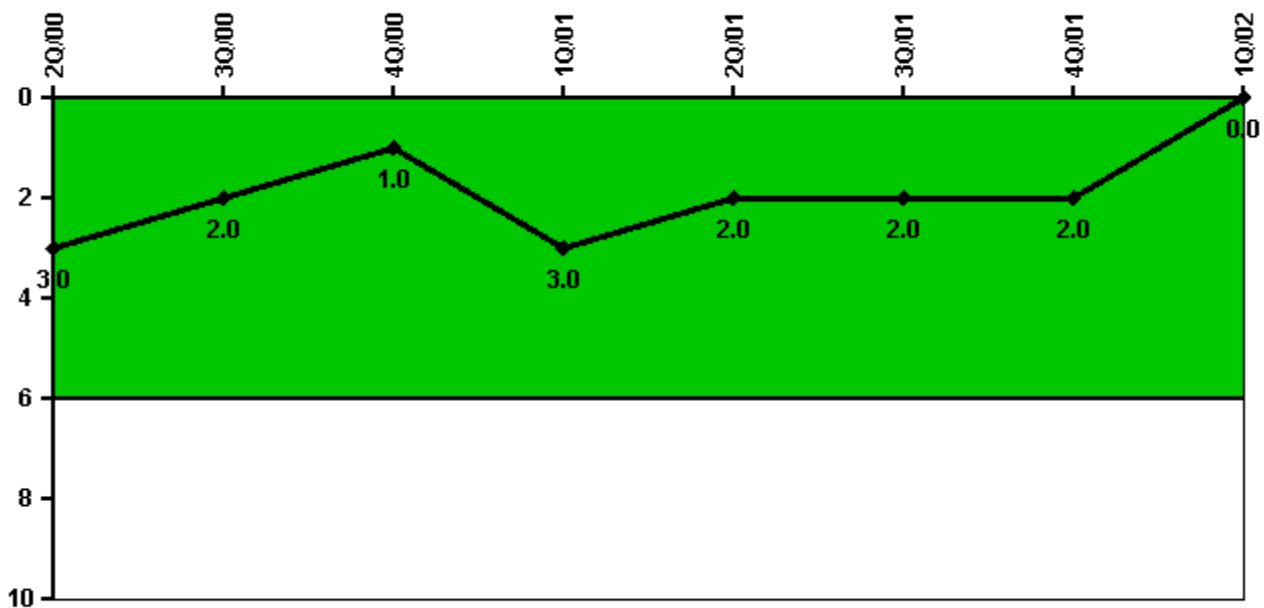
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0	0	6.62	18.95	0	0	0.25	0
Unplanned unavailable hours	0	0	0	1.68	0.30	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	2183.00	2208.00	2208.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	5.42	12.16	0	108.85	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	2183.00	2208.00	2208.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.9%	0.9%	0.8%	0.8%	1.0%	1.0%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (BWR)



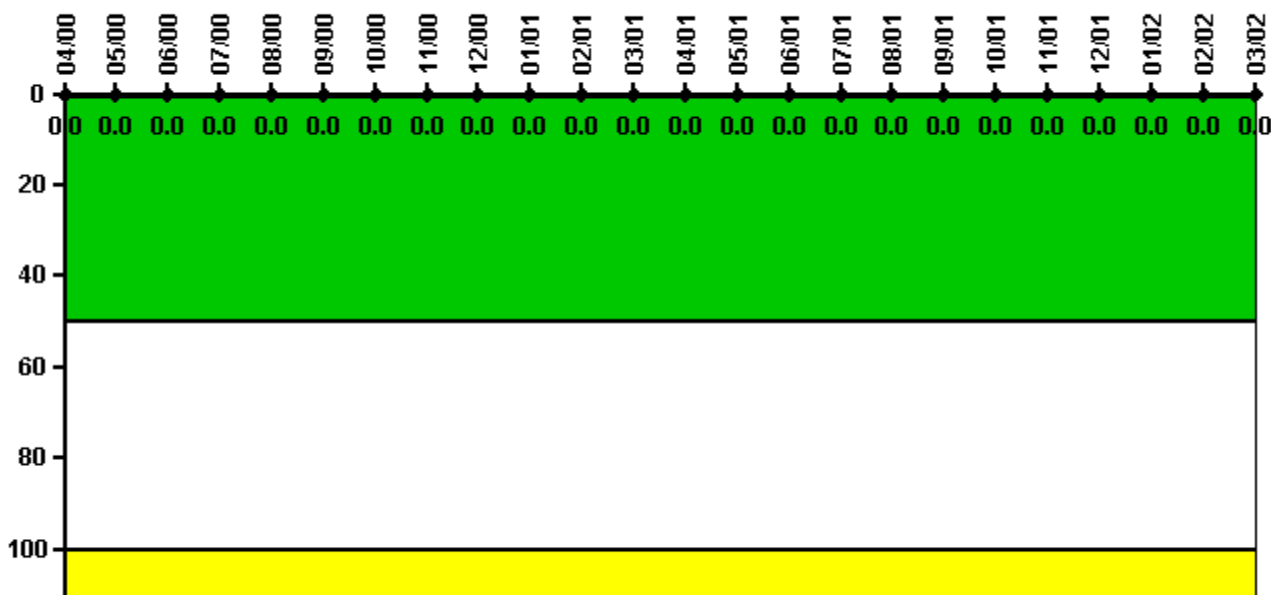
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

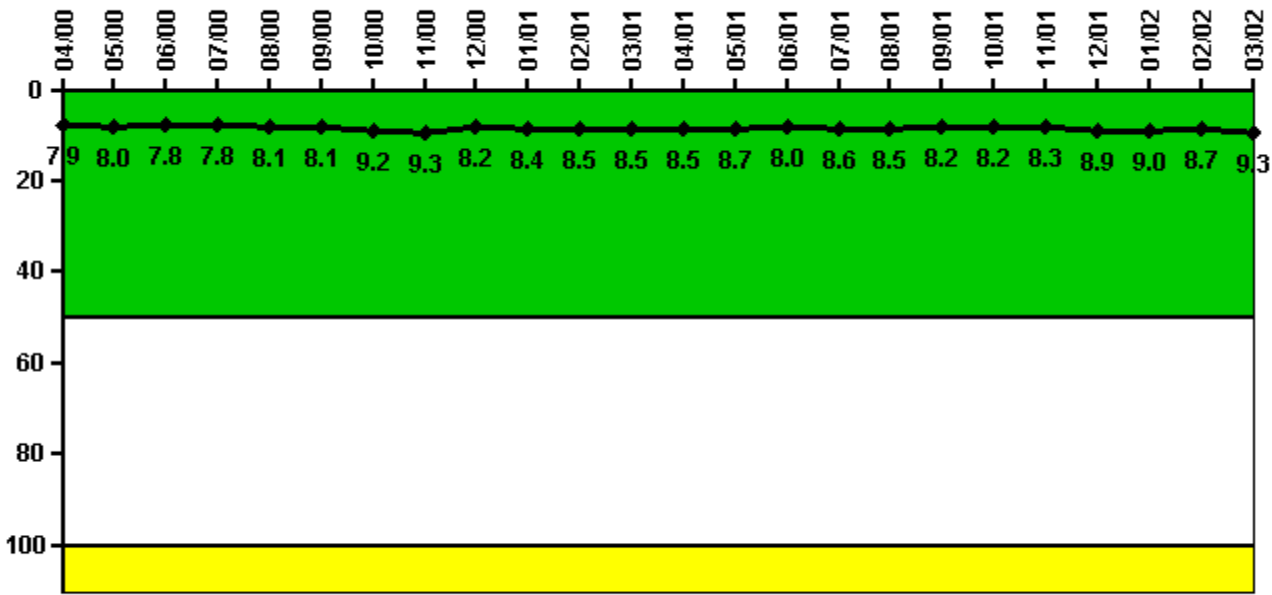
Reactor Coolant System Activity	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.005250	0.005940	0.004210	0.004550	0.004290	0.004100	0.004770	0.004320	0.005010	0.006560	0.002670	0.003420
Technical specification limit	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

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	0.003490	0.002800	0.003140	0.002850	0.003030	0.002270	0.003310	0.002450	0.002260	0.002860	0.003050	0.003100
Technical specification limit	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

3/02: Maximum calculated RCS activity in micro-Curies per gram total Iodine, expressed as a percentage of Technical Specifications limit. Technical Specifications specify total Iodine, does not specify dose equivalent Iodine-131.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

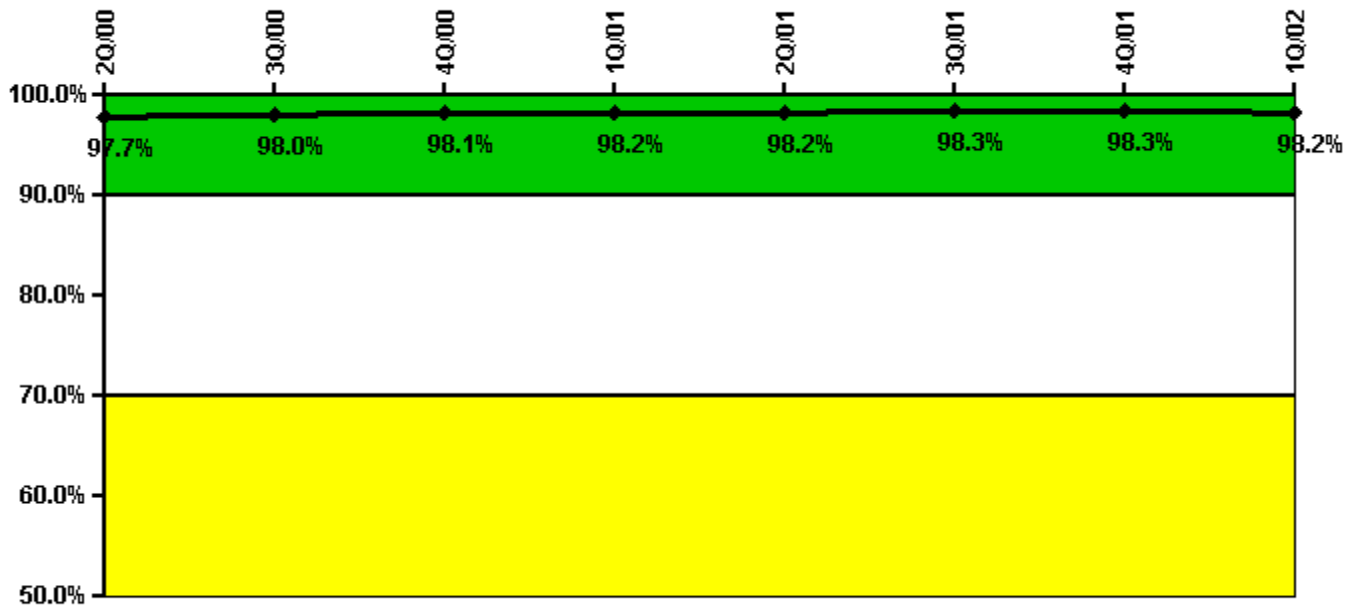
Reactor Coolant System Leakage	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	1.980	1.990	1.950	1.950	2.020	2.030	2.300	2.330	2.040	2.100	2.130	2.130
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.9	8.0	7.8	7.8	8.1	8.1	9.2	9.3	8.2	8.4	8.5	8.5

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	2.120	2.180	2.000	2.140	2.130	2.060	2.060	2.080	2.230	2.250	2.180	2.330
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.5	8.7	8.0	8.6	8.5	8.2	8.2	8.3	8.9	9.0	8.7	9.3

Licensee Comments:

3/02: Maximum total leakage (un-identified and identified) in gpm for each month, expressed as a percentage of the Technical Specification limit. Technical Specifications specify un-identified and total leakage, does not specify identified leakage.

Drill/Exercise Performance



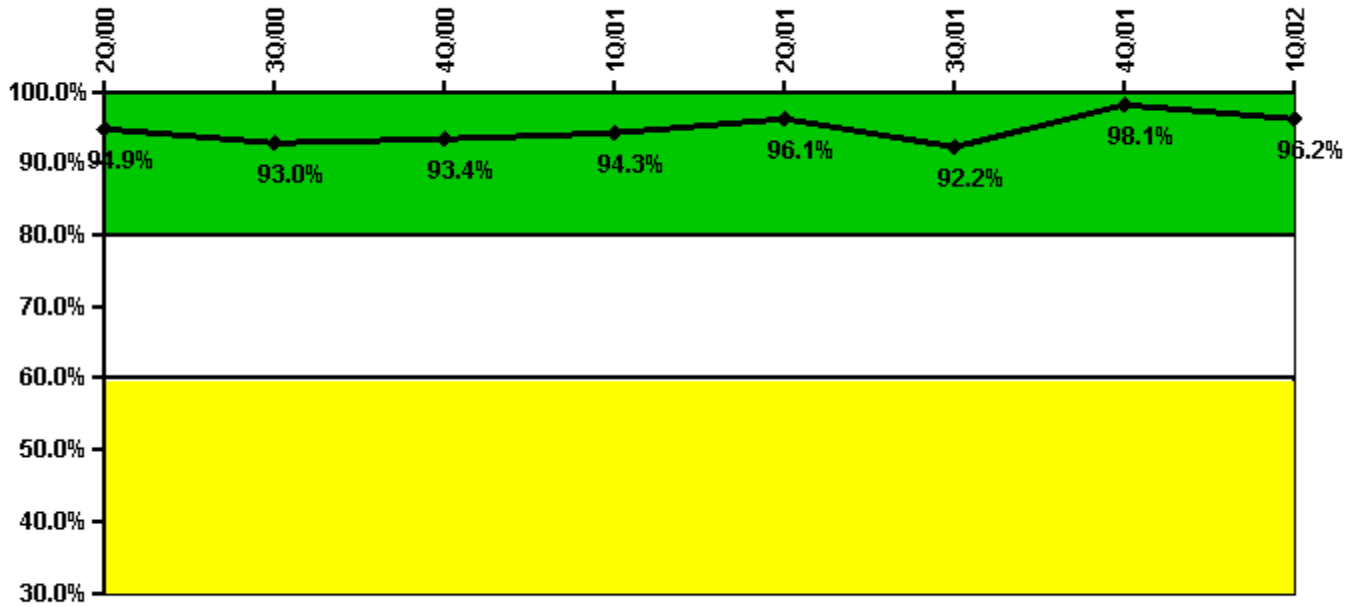
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	78.0	9.0	26.0	6.0	2.0	28.0	59.0	14.0
Total opportunities	79.0	9.0	26.0	6.0	2.0	28.0	61.0	15.0
Indicator value	97.7%	98.0%	98.1%	98.2%	98.2%	98.3%	98.3%	98.2%

Licensee Comments: none

ERO Drill Participation



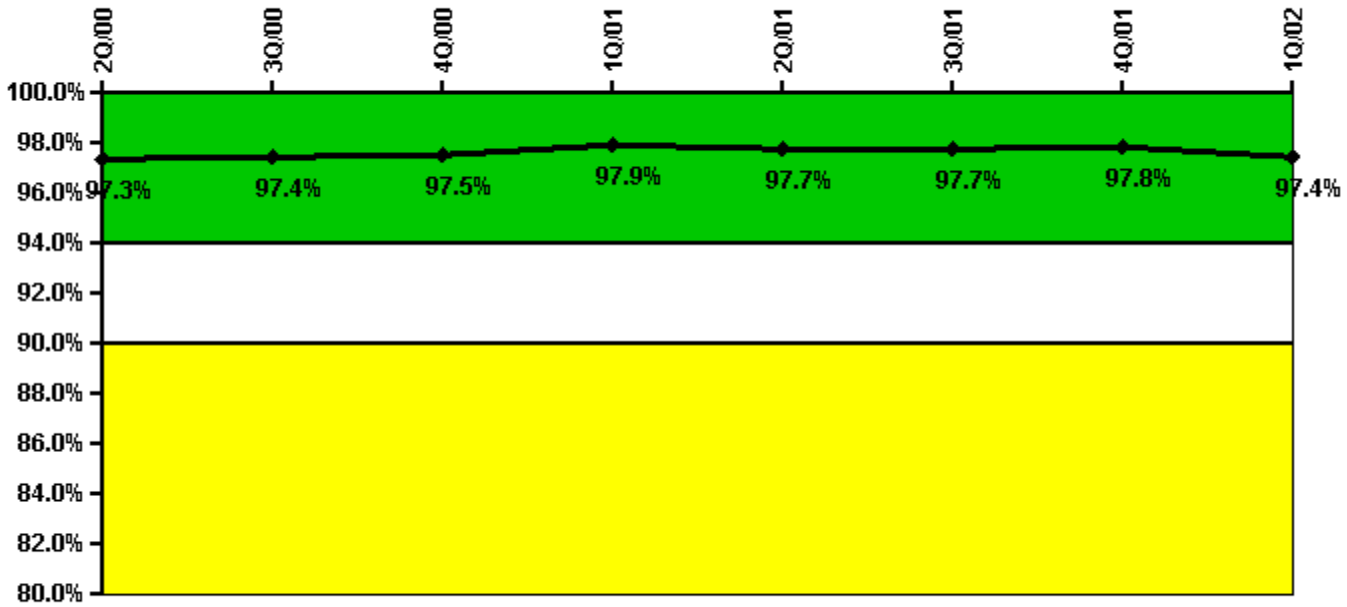
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	56.0	53.0	57.0	50.0	49.0	47.0	52.0	50.0
Total Key personnel	59.0	57.0	61.0	53.0	51.0	51.0	53.0	52.0
Indicator value	94.9%	93.0%	93.4%	94.3%	96.1%	92.2%	98.1%	96.2%

Licensee Comments: none

Alert & Notification System



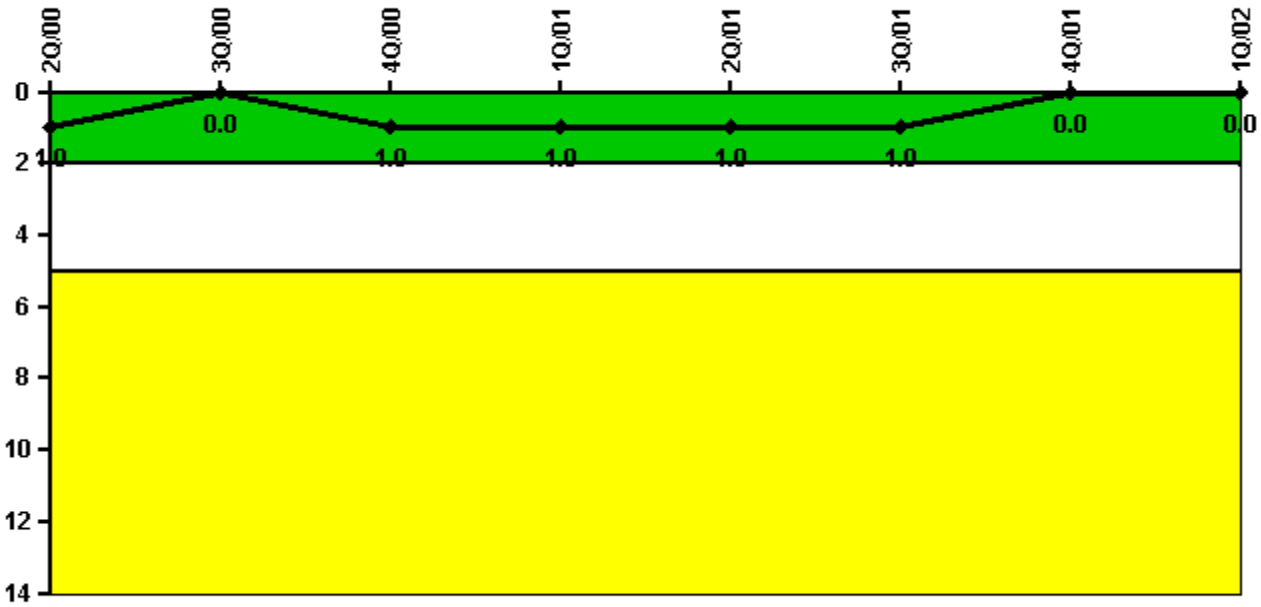
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	330	328	437	330	328	328	438	324
Total sirens-tests	336	336	448	336	336	336	448	336
Indicator value	97.3%	97.4%	97.5%	97.9%	97.7%	97.7%	97.8%	97.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



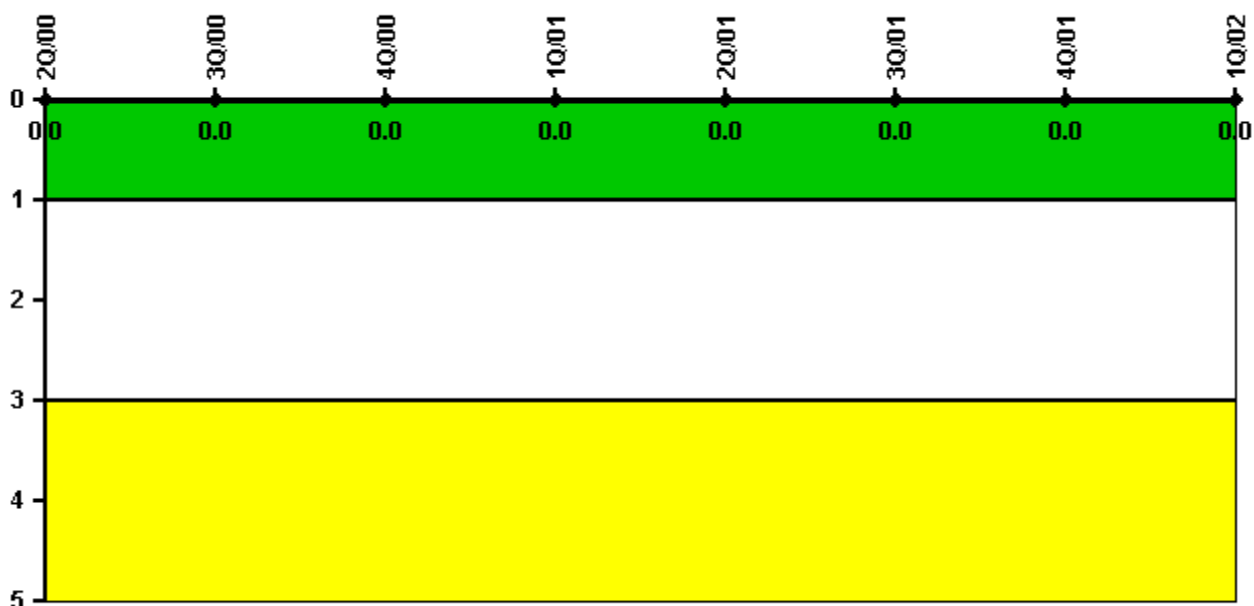
Thresholds: White > 2.0 Yellow > 5.0

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	0	0	1	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	0	1	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

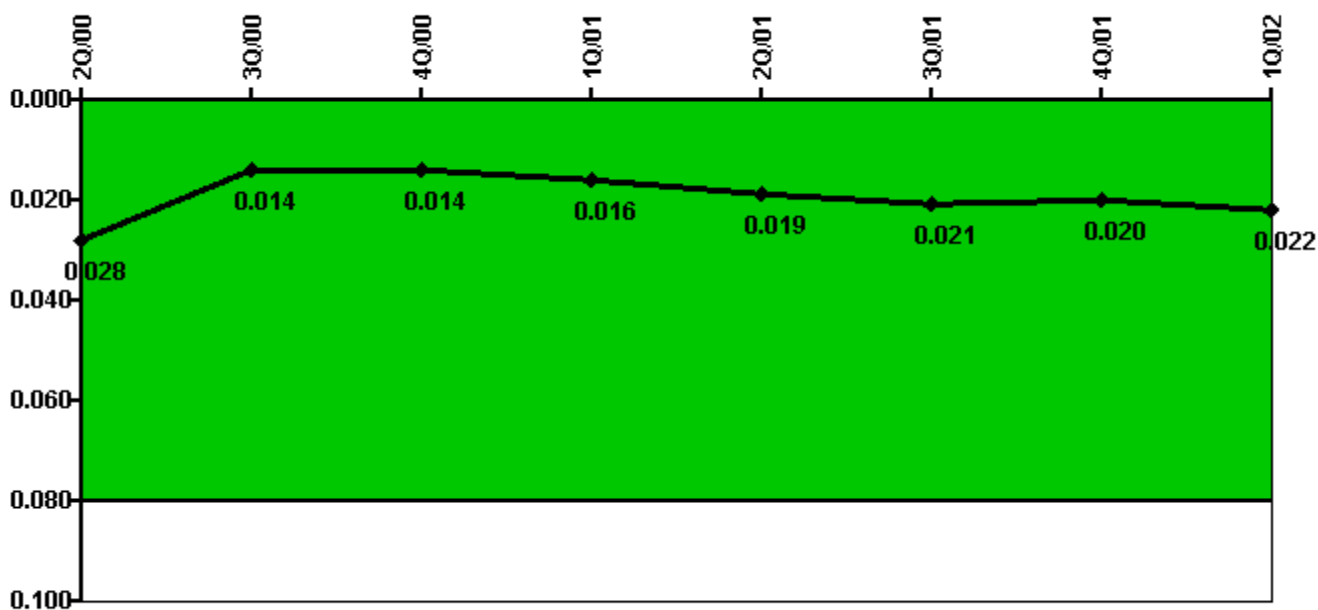
Notes

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:

1Q/02: Analysis results of effluents for March 2002 were not available when this data was submitted because the results of laboratory analysis of samples for March 2002 will not be available until April 2002. Weekly calculations completed through March 31, 2002 indicate cumulative doses for 1Q-2002 were well below the specified values. The sample analysis results for 1Q-2002 will be reflected in the July 2002 data submittal (for 2Q-2002). The sample analysis results for 4Q-2001 were as reported in the January 2002 date submittal (for 4Q-2001).

Protected Area Security Performance Index



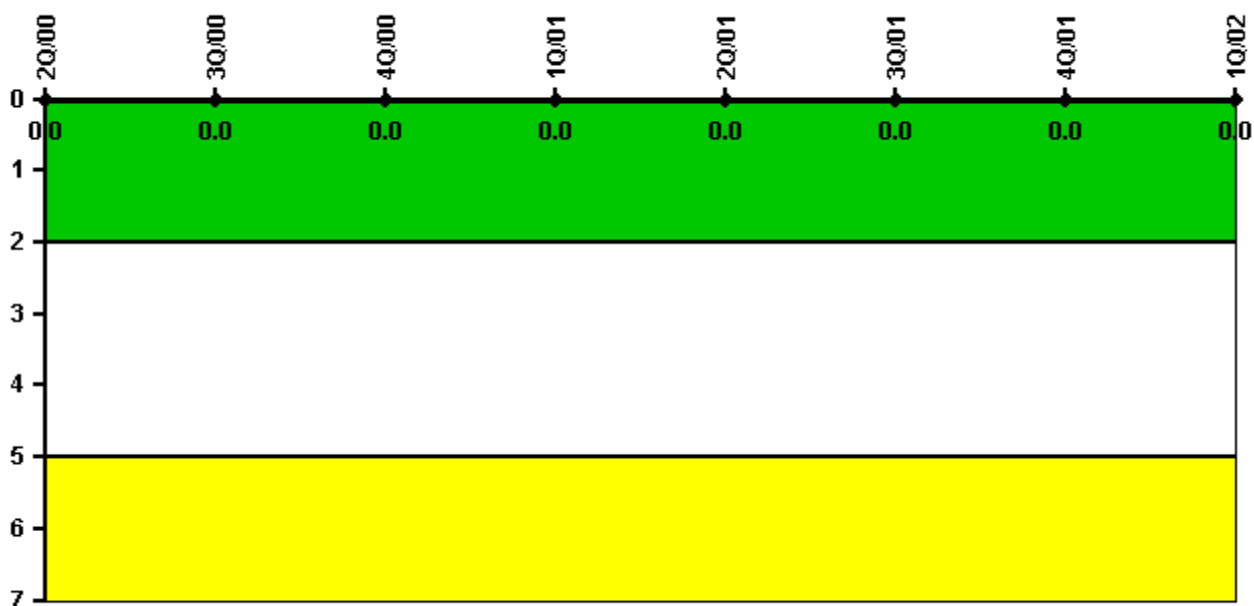
Thresholds: White > 0.080

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	95.60	268.90	60.10	137.10	151.10	73.20	36.60	173.60
CCTV compensatory hours	0	0	0	12.4	36.6	118.5	0	26.9
IDS normalization factor	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.028	0.014	0.014	0.016	0.019	0.021	0.020	0.022

Licensee Comments: none

Personnel Screening Program



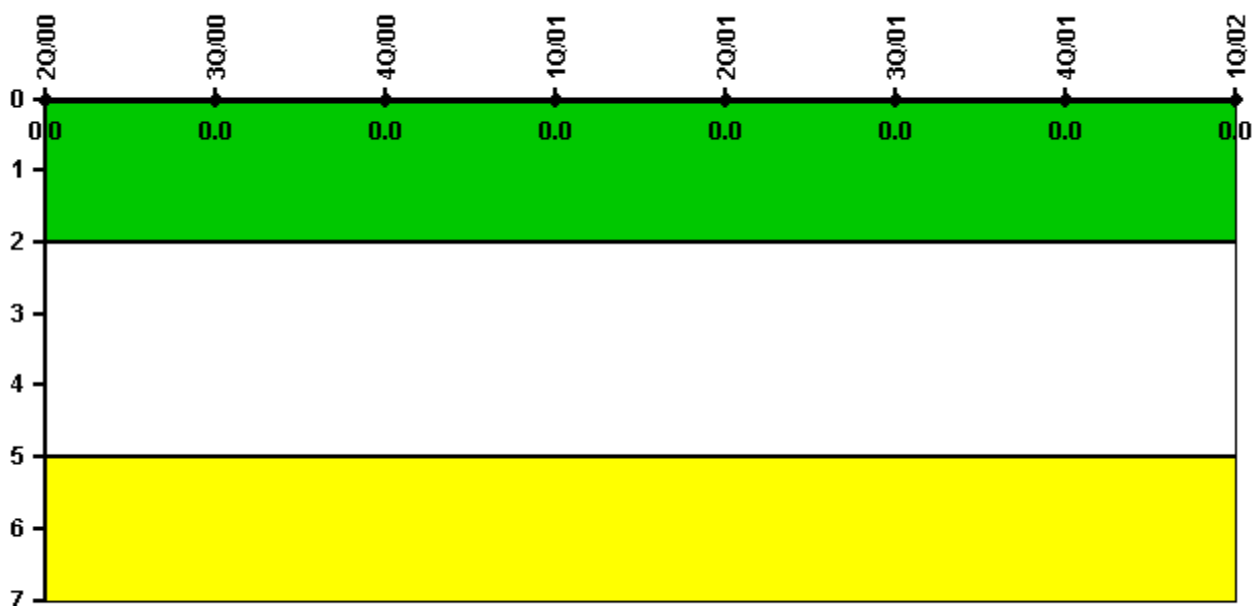
Thresholds: White > 2.0 Yellow > 5.0

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