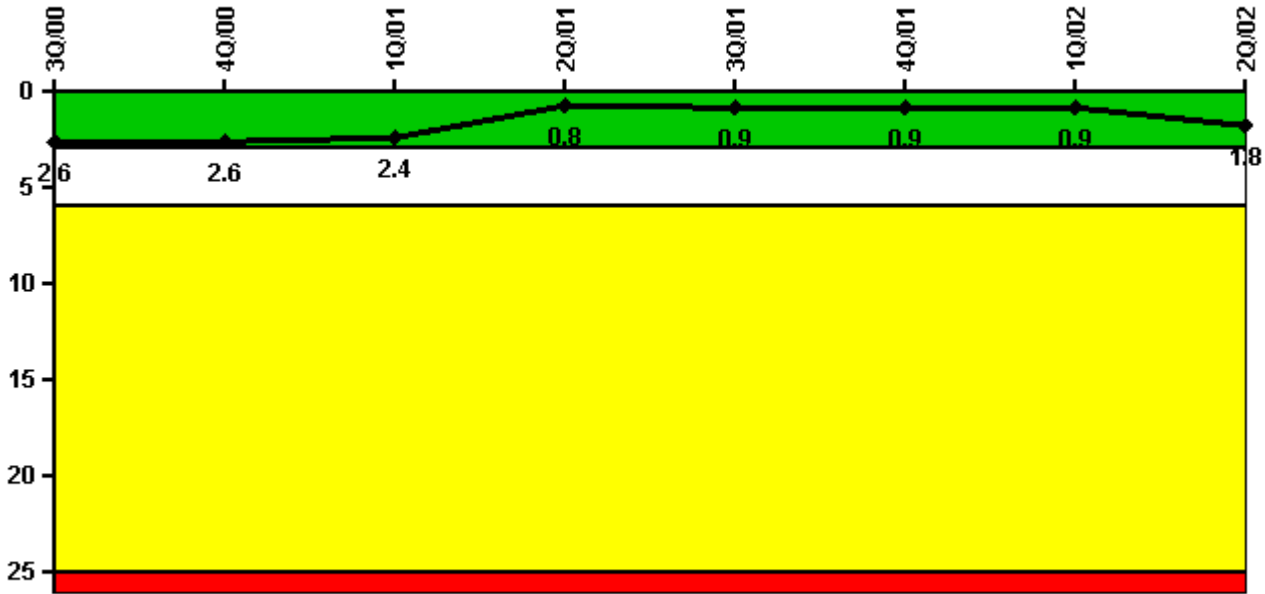


Quad Cities 2

2Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



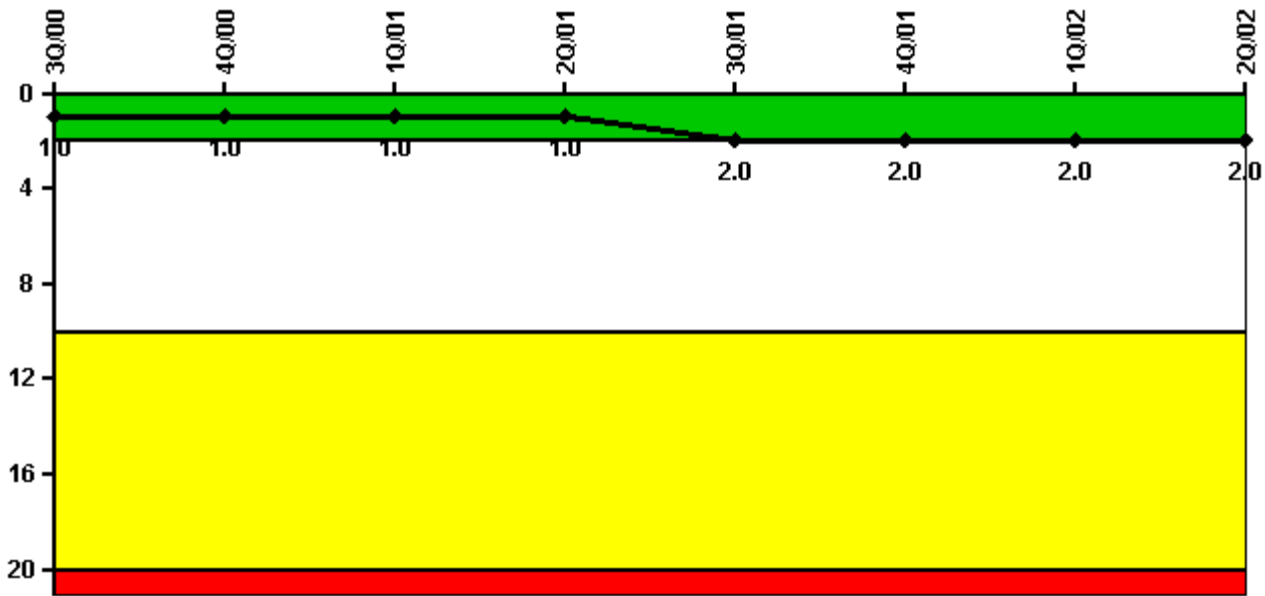
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned scrams	1.0	0	0	0	1.0	0	0	1.0
Critical hours	2181.0	2209.0	2097.5	2183.0	1616.2	2209.0	1624.5	2150.0
Indicator value	2.6	2.6	2.4	0.8	0.9	0.9	0.9	1.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



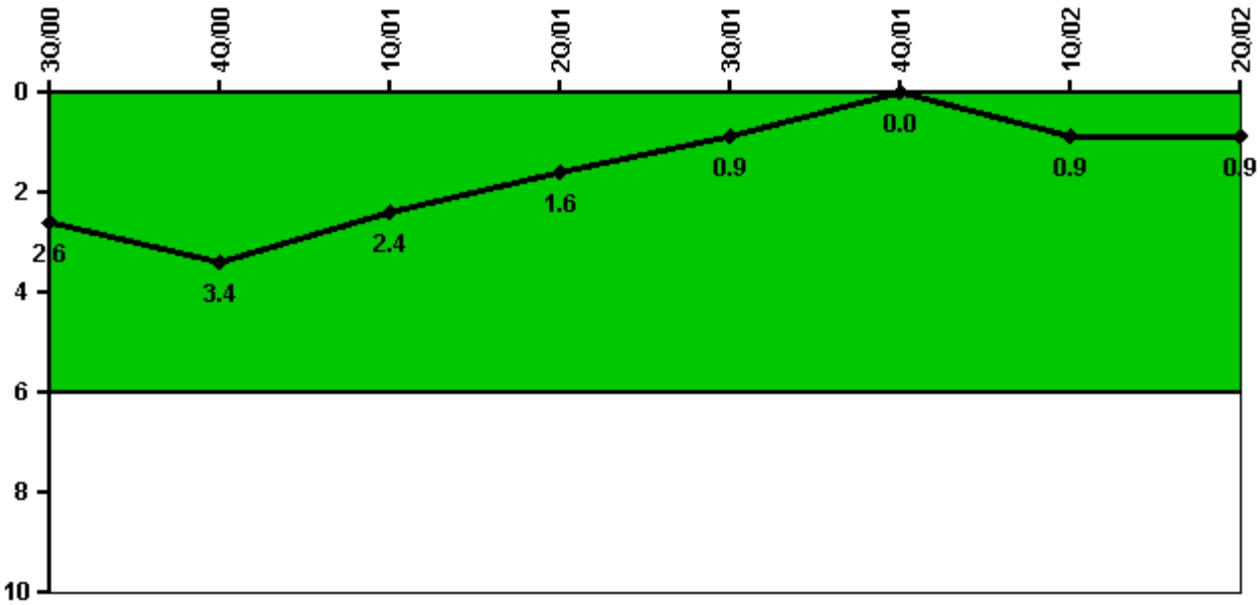
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Scrams	0	0	0	0	1.0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

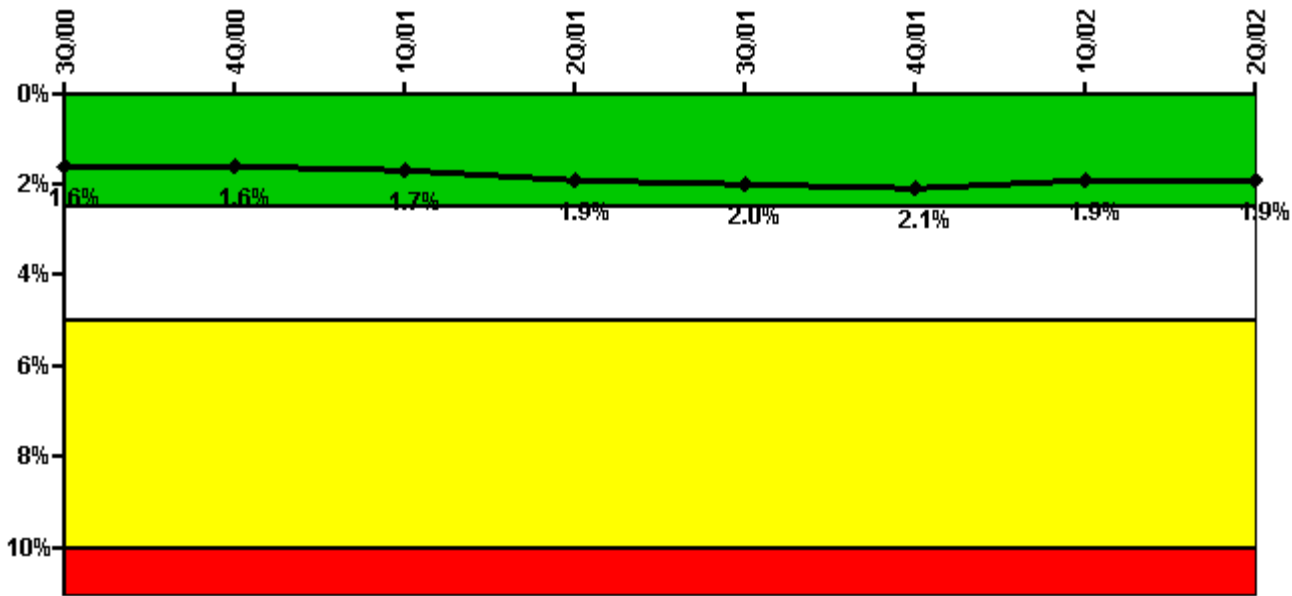
Unplanned Power Changes per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	1.0	1.0	0	0	0	0	1.0	0
Critical hours	2181.0	2209.0	2097.5	2183.0	1616.2	2209.0	1624.5	2150.0
Indicator value	2.6	3.4	2.4	1.6	0.9	0	0.9	0.9

Licensee Comments:

2Q/02: The historical data for July 2001 has been revised to remove a load drop taken in response to environmental effects. This is in accordance with the response to the submitted FAQ.

3Q/01: An FAQ has been submitted for this indicator. During third quarter 2001, the station dropped power greater than 20% on one occasion due to river water temperature. The power change was anticipated in accordance with station procedures, but due to the complexity of predicting river temperature could not be specifically planned 72 hours in advance. The FAQ was submitted in accordance with the guidance of NEI 99-02, Revision 1. { Note - With the fourth quarter 2001 submittal, the July 2001 data was changed to include a power change that occurred as a result of environmental effects. An FAQ was submitted in November 2001, and is currently under review. } { The load drop in July 2001 has been removed in accordance with the response to the submitted FAQ }

Safety System Unavailability, Emergency AC Power



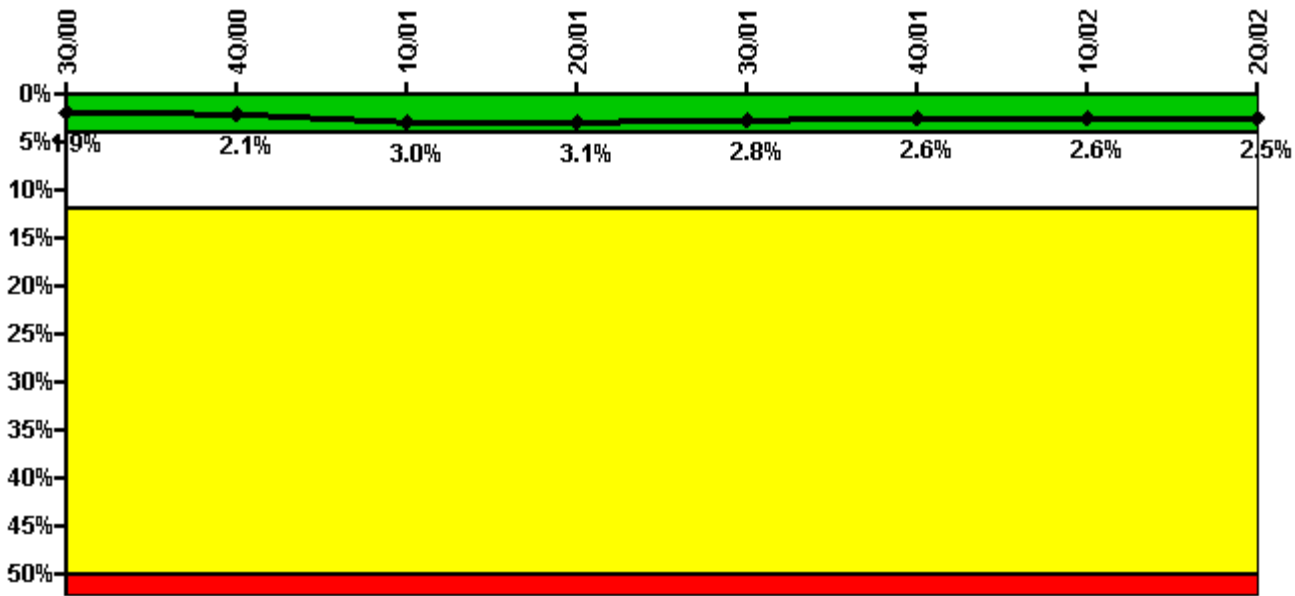
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	52.84	14.39	77.72	47.60	23.15	8.58	24.73	14.47
Unplanned unavailable hours	58.18	0	0	78.30	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	69.70	64.85	33.45	57.50	23.77	20.97	11.85	18.28
Unplanned unavailable hours	3.30	0	2.62	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	1.6%	1.6%	1.7%	1.9%	2.0%	2.1%	1.9%	1.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



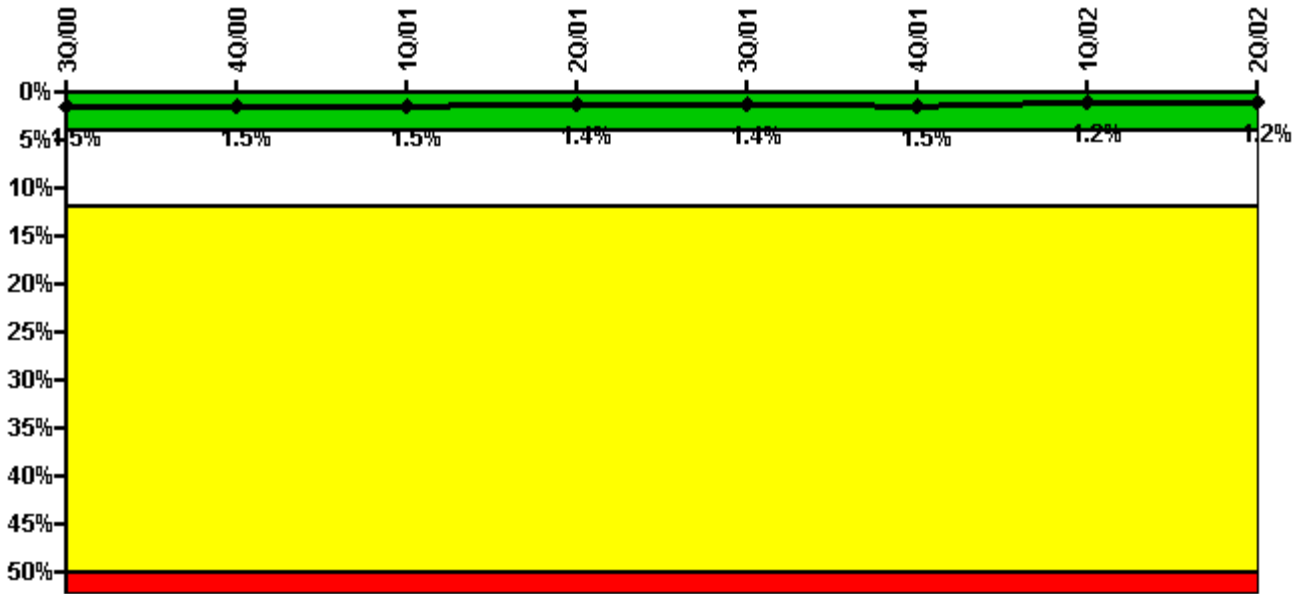
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	6.15	86.86	71.66	10.50	4.79	5.97	8.01	57.08
Unplanned unavailable hours	0	0	195.83	42.81	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	2181.00	2209.00	2097.50	2183.00	1616.20	2209.00	1624.50	2150.00
Indicator value	1.9%	2.1%	3.0%	3.1%	2.8%	2.6%	2.6%	2.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



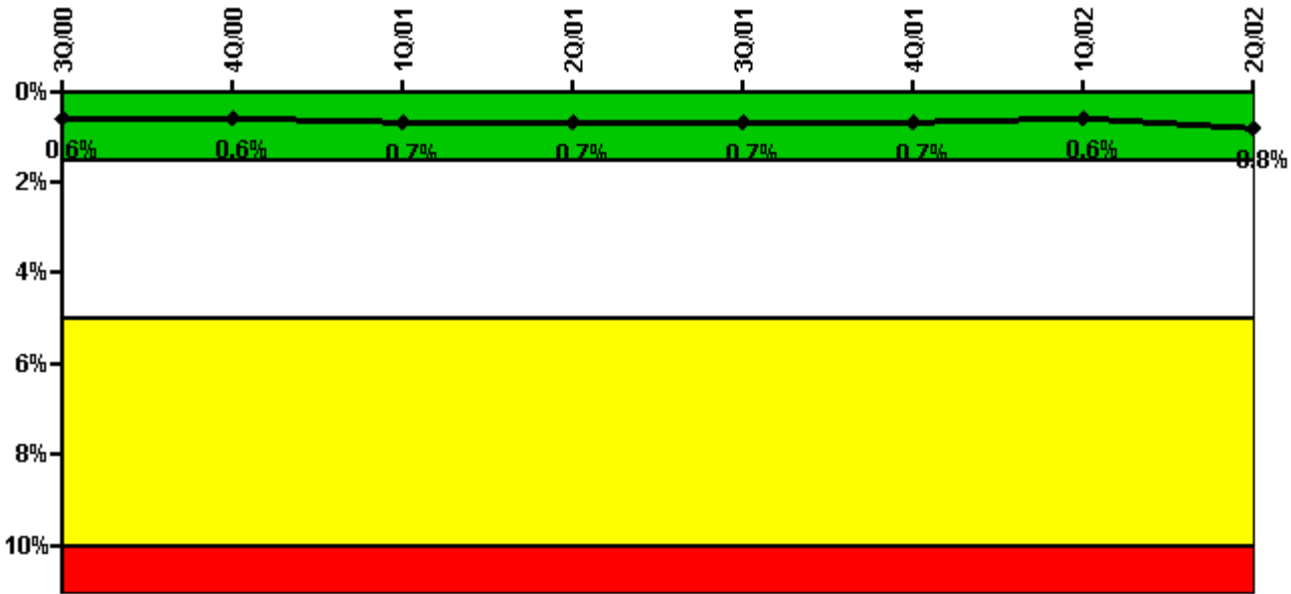
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	47.53	23.26	34.53	11.78	3.33	51.60	5.12	8.37
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	2181.00	2209.00	2097.50	2183.00	1616.20	2209.00	1624.50	2150.00
Indicator value	1.5%	1.5%	1.5%	1.4%	1.4%	1.5%	1.2%	1.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



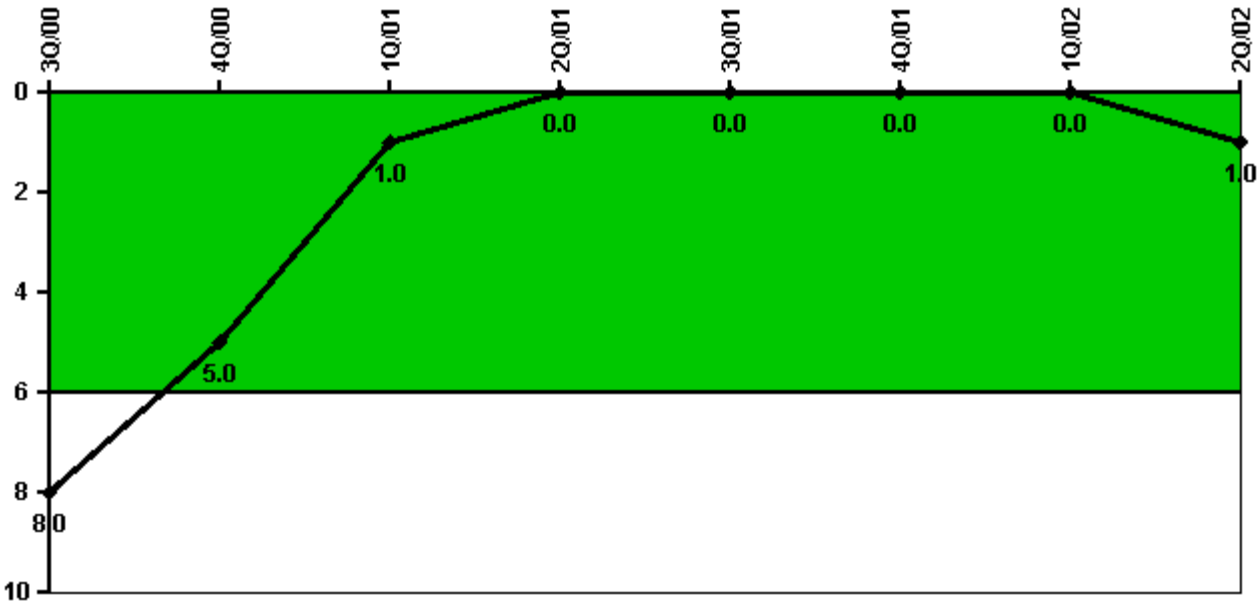
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0	19.37	19.15	0	3.88	0	12.13	9.22
Unplanned unavailable hours	0.47	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	2.13	9.62	16.73	5.20	0	4.03	7.03	69.80
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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.6%	0.6%	0.7%	0.7%	0.7%	0.7%	0.6%	0.8%

Licensee Comments: none

Safety System Functional Failures (BWR)



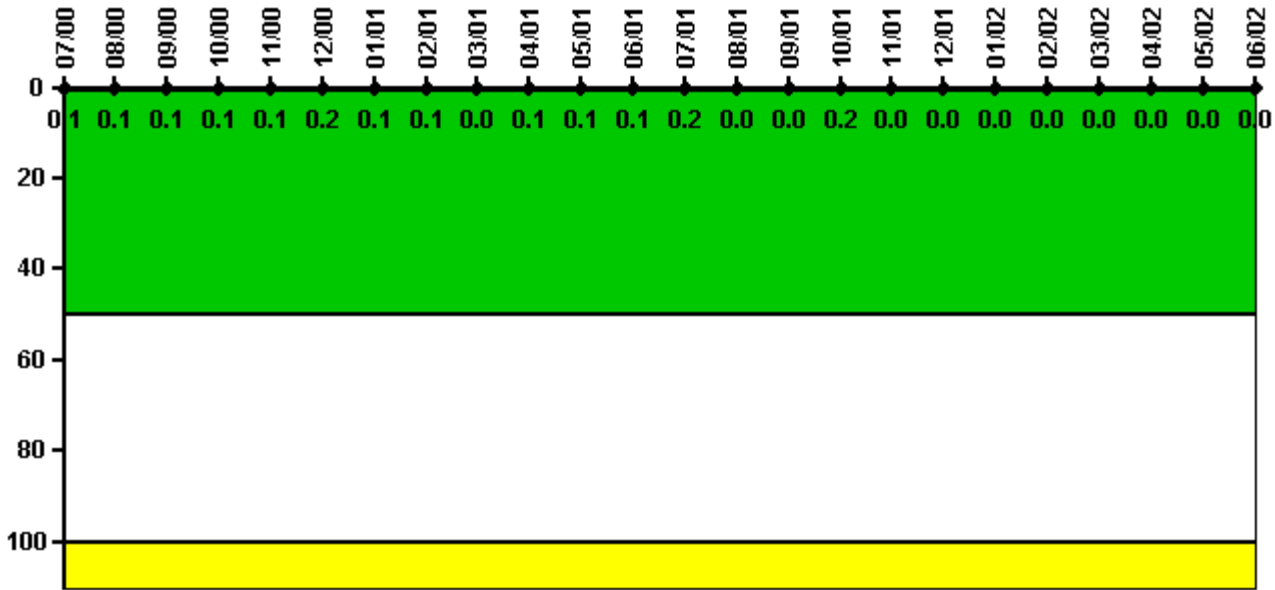
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Safety System Functional Failures	8	5	1	0	0	0	0	1
Indicator value	8	5	1	0	0	0	0	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

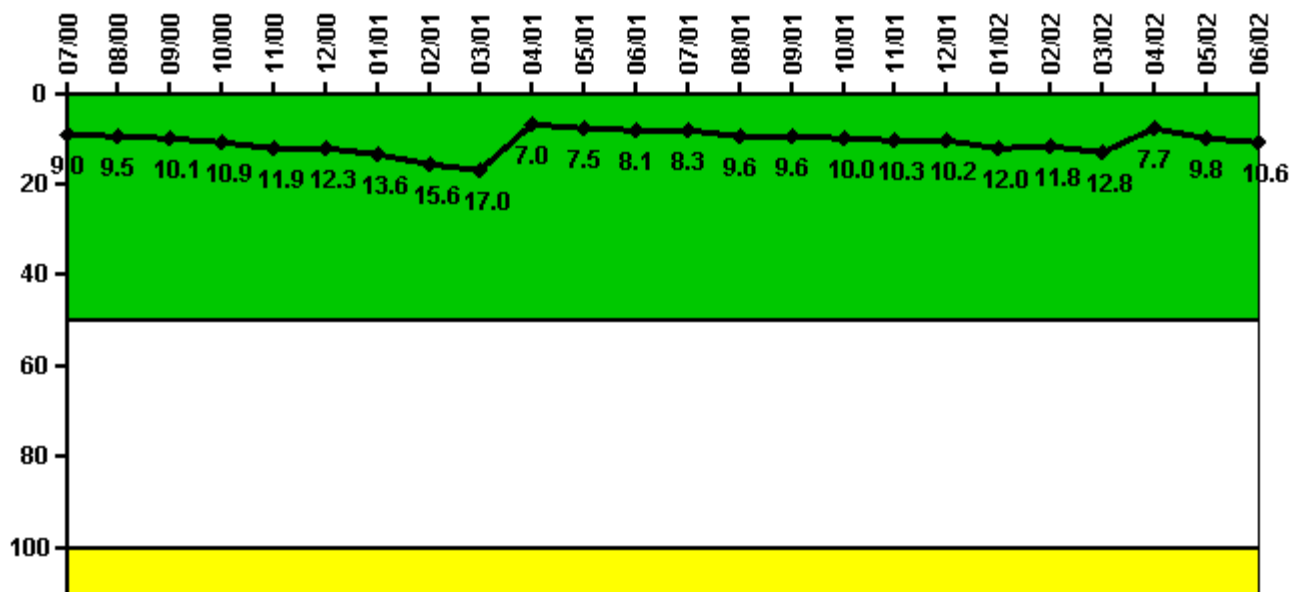
Notes

Reactor Coolant System Activity	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000225	0.000207	0.000186	0.000247	0.000129	0.000355	0.000109	0.000143	0.000088	0.000107	0.000136	0.000235
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0	0.1	0.1	0.1

Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.000333	0.000093	0.000097	0.000313	0.000080	0.000076	0.000090	0.000055	0.000043	0.000046	0.000050	0.000047
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.2	0	0	0.2	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



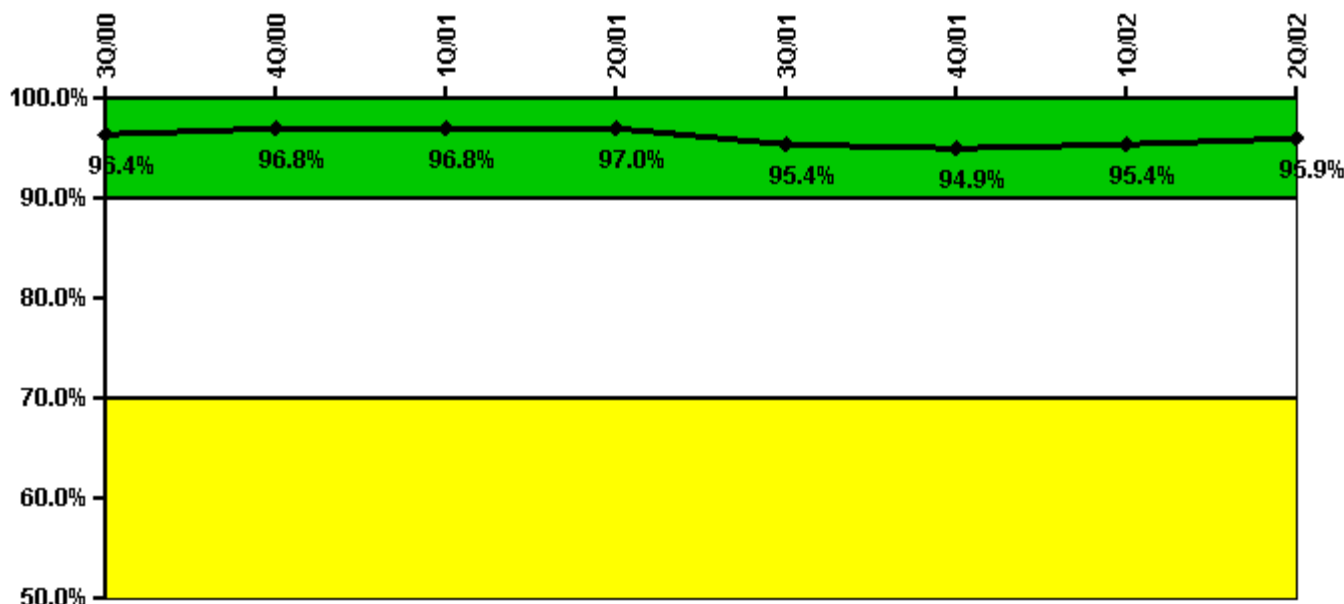
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	2.260	2.380	2.530	2.720	2.970	3.080	3.400	3.910	4.250	1.740	1.880	2.020
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	9.0	9.5	10.1	10.9	11.9	12.3	13.6	15.6	17.0	7.0	7.5	8.1
Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	2.080	2.400	2.400	2.500	2.570	2.560	2.990	2.940	3.190	1.920	2.450	2.660
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	8.3	9.6	9.6	10.0	10.3	10.2	12.0	11.8	12.8	7.7	9.8	10.6

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

Notes

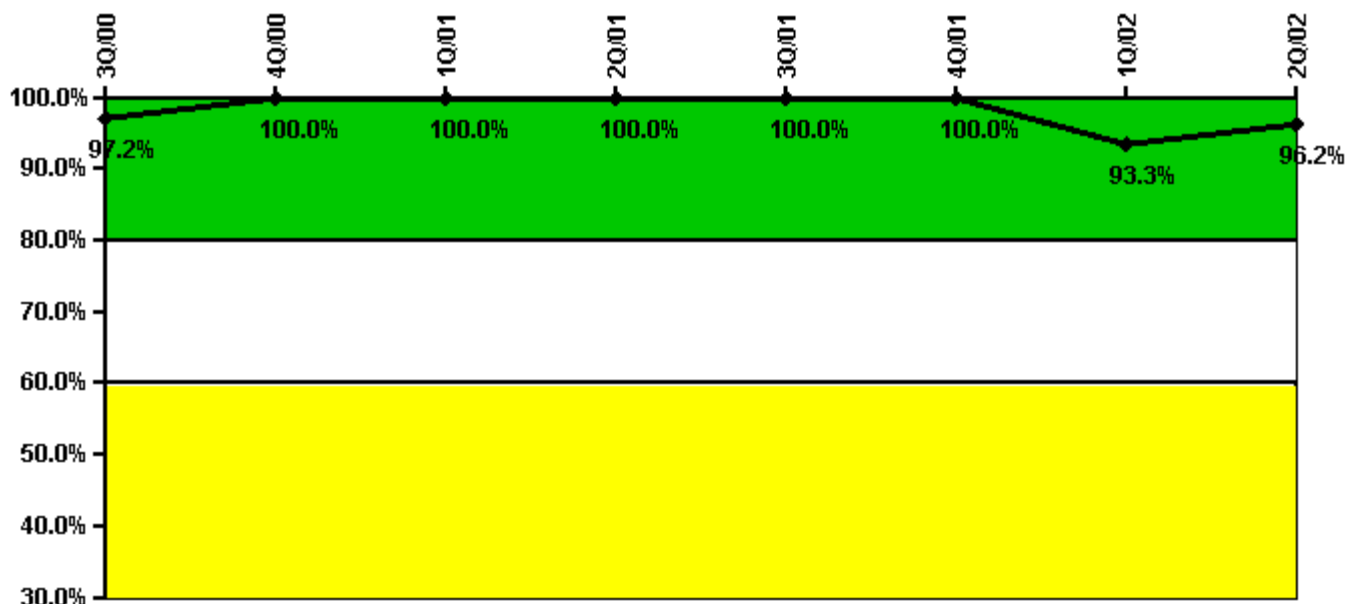
Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	50.0	39.0	0	45.0	7.0	48.0	0	43.0
Total opportunities	53.0	39.0	0	46.0	10.0	50.0	0	44.0
Indicator value	96.4%	96.8%	96.8%	97.0%	95.4%	94.9%	95.4%	95.9%

Licensee Comments:

2Q/02: The historical data for December 2001 has been revised to reflect only one failed opportunity. This is in accordance with the response to the submitted FAQ.

4Q/01: During the 4th quarter 2001, an error was made in developing a PAR. The subsequent notification reflected this error. This is being reported as two failed opportunities. An FAQ is being submitted for clarification concerning whether this should be reported as two failed opportunities or one failed opportunity. Additionally, along with this quarterly submittal, the June 2001 and September 2001 data was revised to correct utility-identified errors. {The December 2001 data has been revised to reflect only one failed opportunity, in accordance with the response to the submitted FAQ.}

ERO Drill Participation



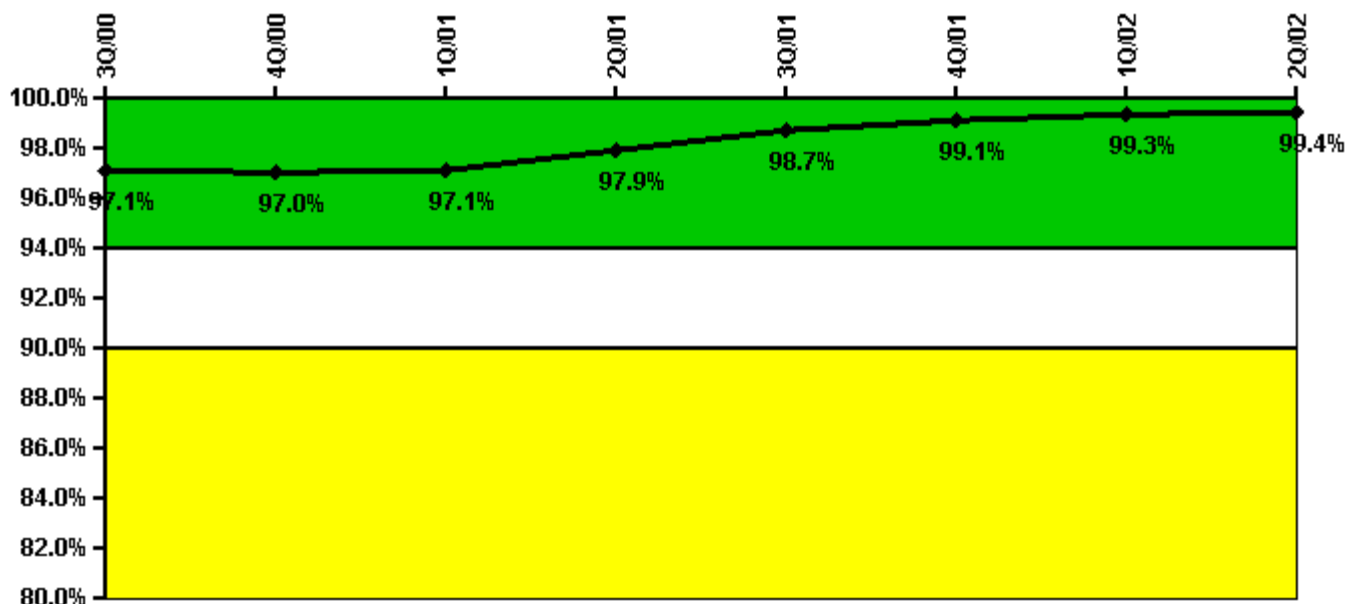
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	69.0	70.0	65.0	66.0	67.0	56.0	42.0	51.0
Total Key personnel	71.0	70.0	65.0	66.0	67.0	56.0	45.0	53.0
Indicator value	97.2%	100.0%	100.0%	100.0%	100.0%	100.0%	93.3%	96.2%

Licensee Comments: none

Alert & Notification System



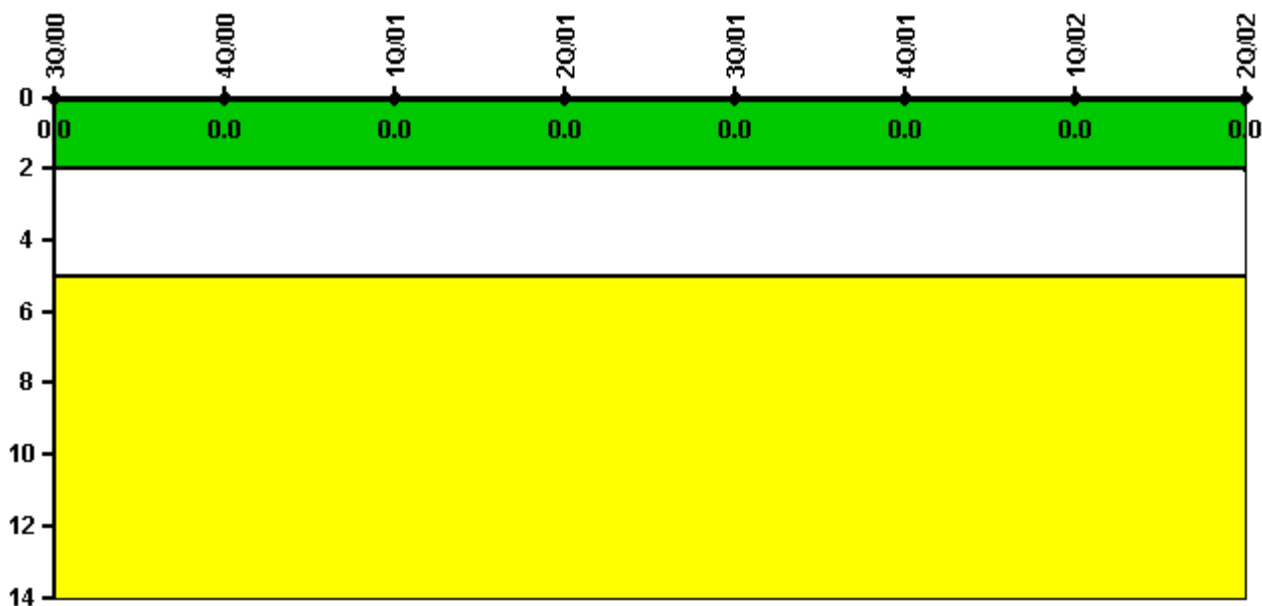
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	3150	3202	3436	3453	3405	3311	3256	3313
Total sirens-tests	3276	3276	3484	3484	3432	3328	3276	3328
Indicator value	97.1%	97.0%	97.1%	97.9%	98.7%	99.1%	99.3%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
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



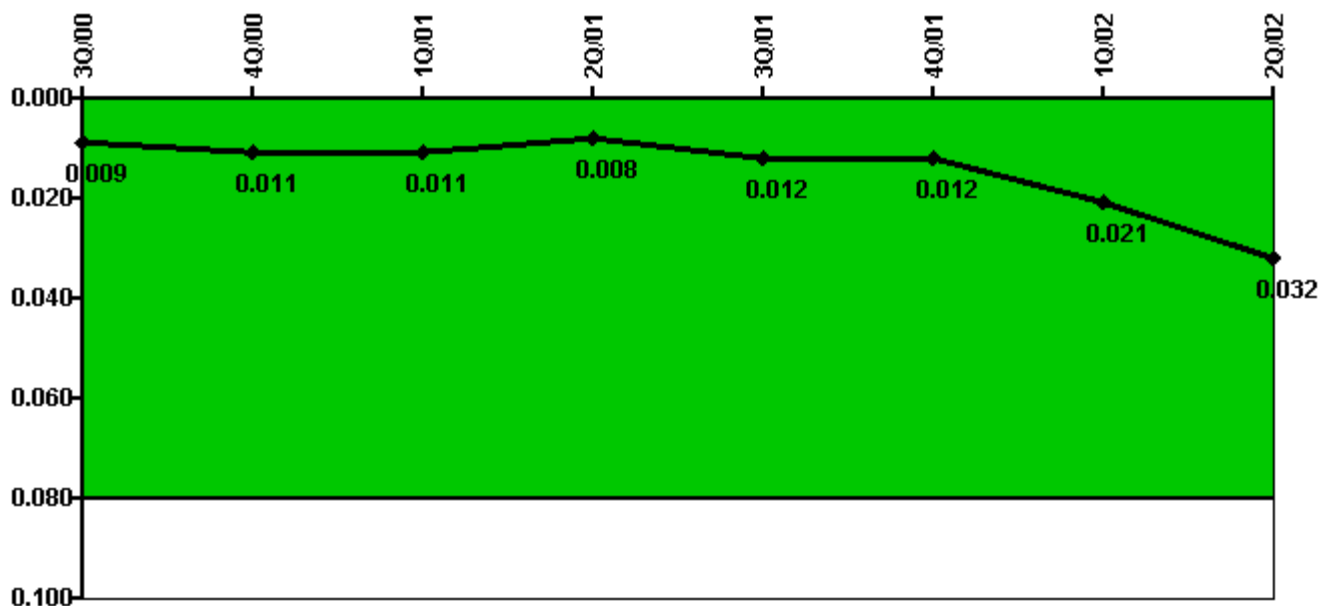
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
IDS compensatory hours	24.32	52.19	30.70	37.60	80.50	46.40	192.60	221.90
CCTV compensatory hours	1.6	0	0.1	0	13.9	1.4	0	0.3
IDS normalization factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.009	0.011	0.011	0.008	0.012	0.012	0.021	0.032

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/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: July 31, 2002