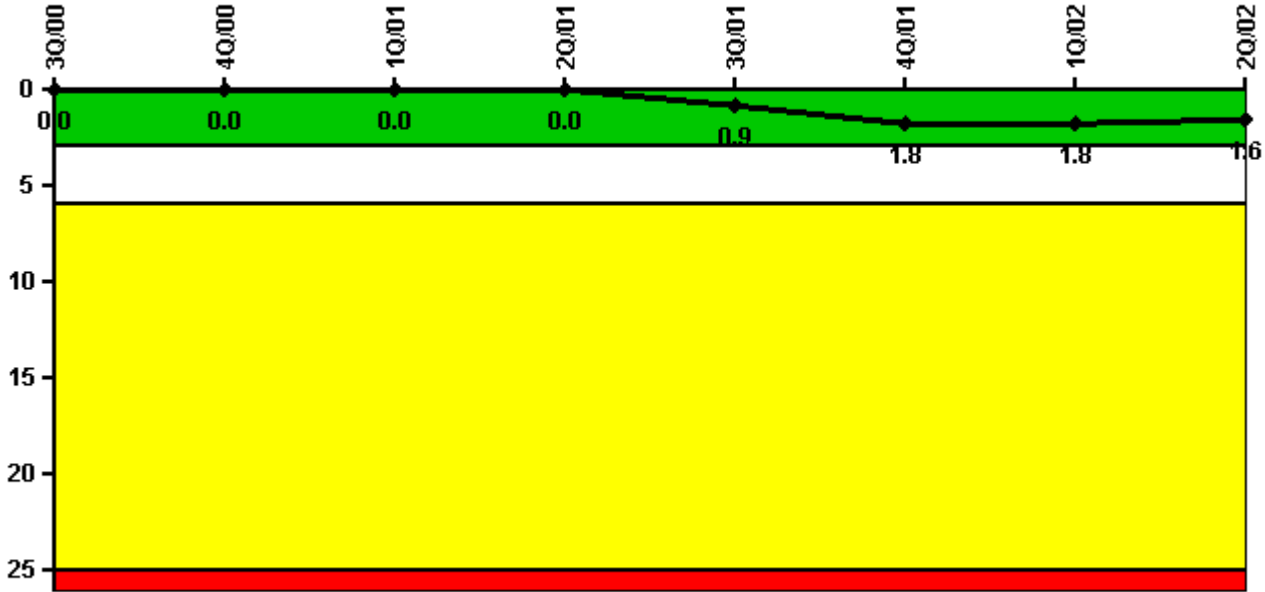


Pilgrim 1

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

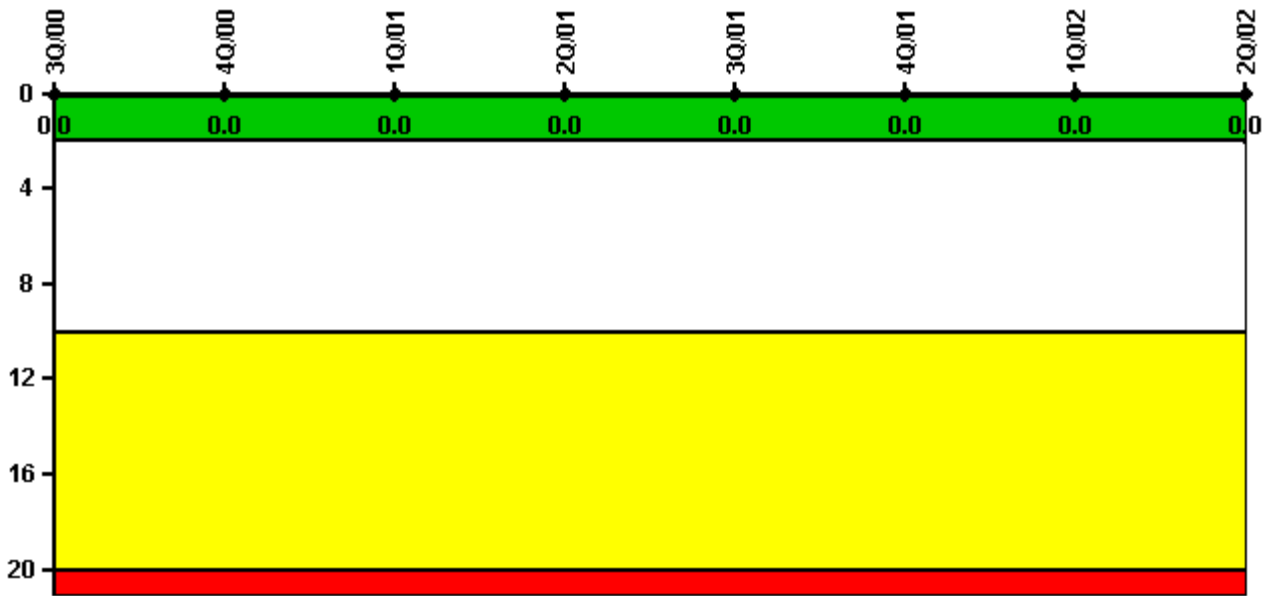
Notes

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

Licensee Comments:

2Q/02: Reflects unplanned automatic scrams on 8/13/01 and 12/27/01.

Scrams with Loss of Normal Heat Removal



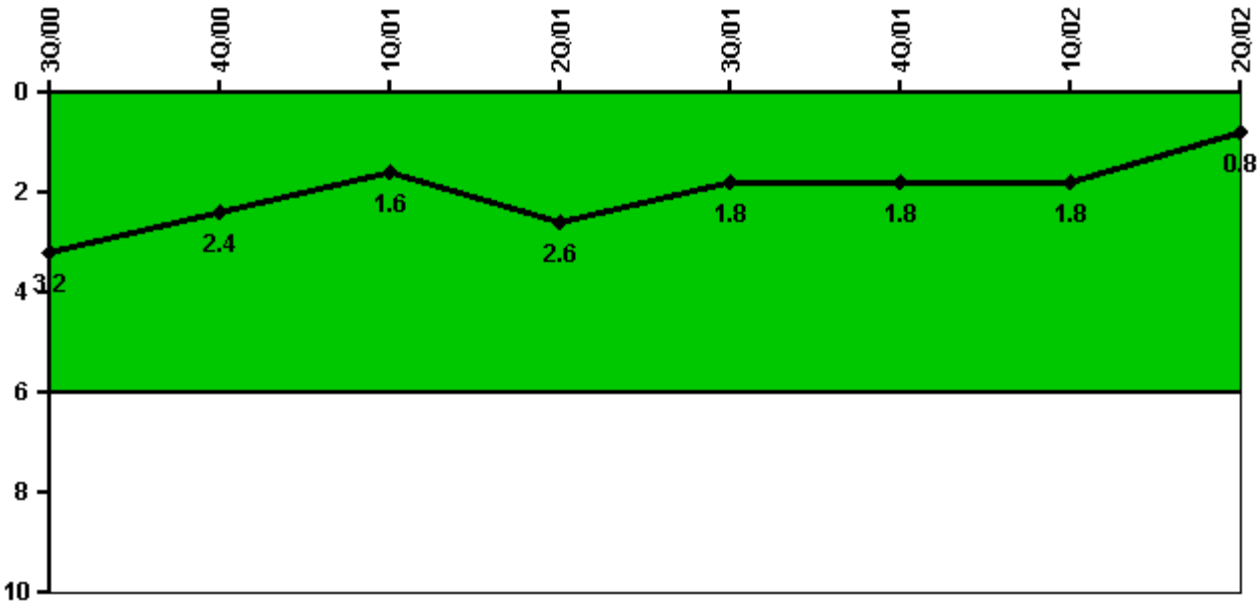
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

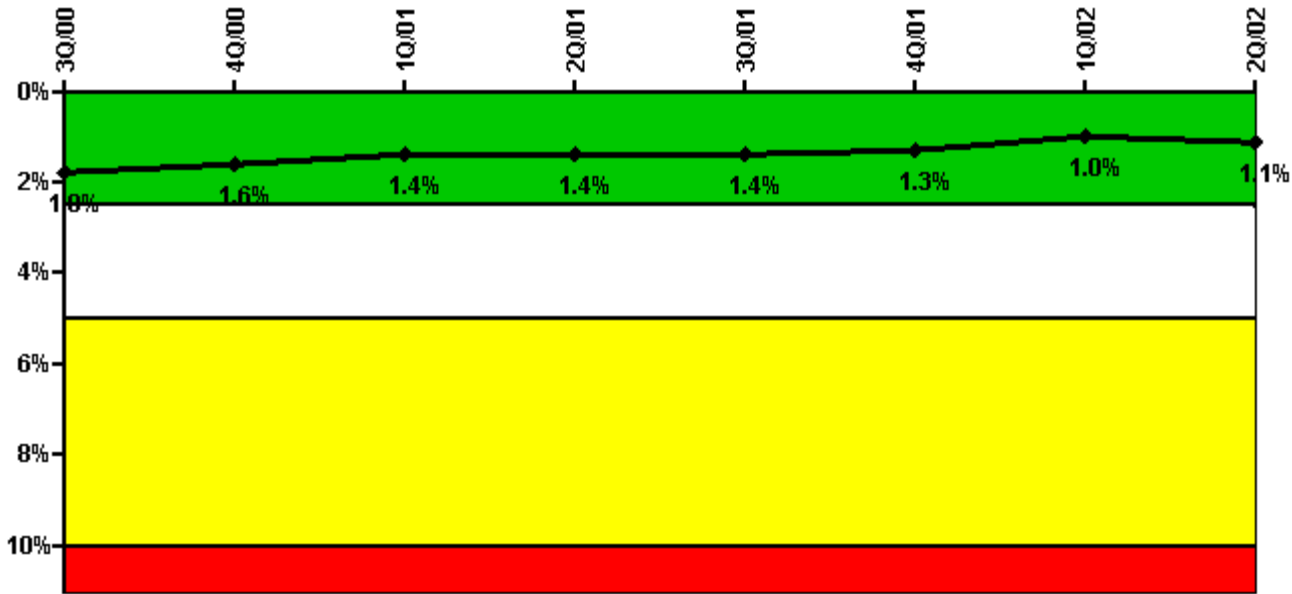
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	2.0	0	0	1.0	1.0	0	0	0
Critical hours	2156.1	2114.8	2160.0	1556.7	2115.4	2140.1	2160.0	2183.0
Indicator value	3.2	2.4	1.6	2.6	1.8	1.8	1.8	0.8

Licensee Comments:

2Q/02: Reflects unplanned power reduction on 9/14/01.

Safety System Unavailability, Emergency AC Power



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

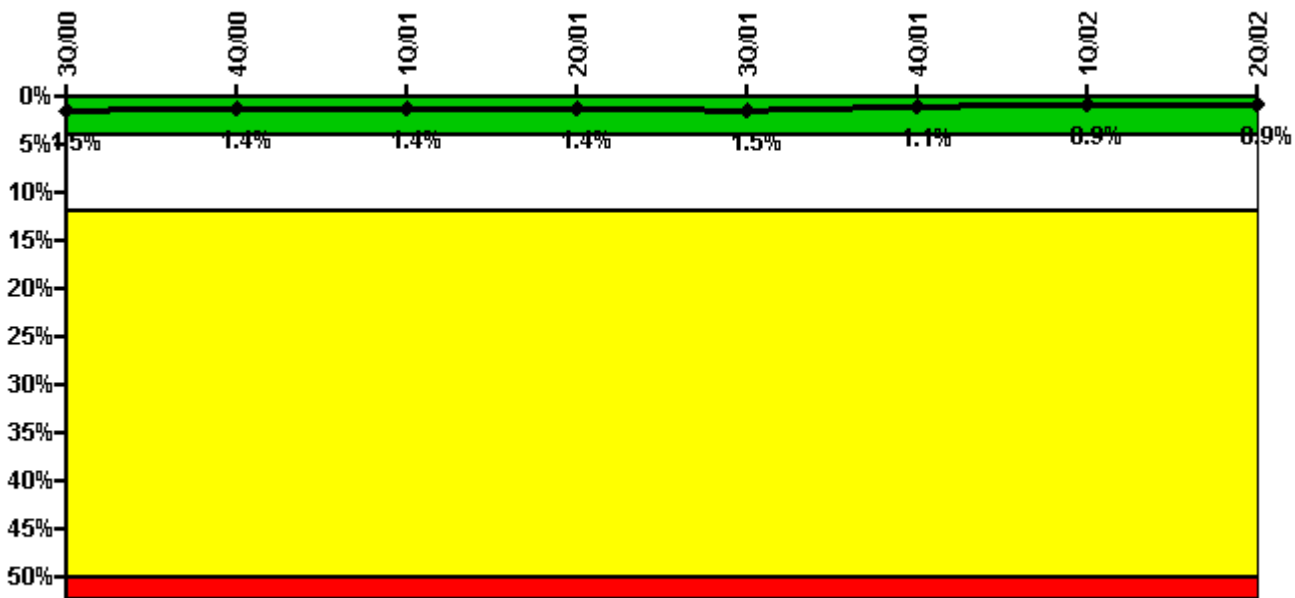
Notes

Safety System Unavailability, Emergency AC Power	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	3.60	0	0.25	0.29	11.05	0.99	1.20	3.55
Unplanned unavailable hours	0	0	0	0	4.87	0	0	4.00
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	2208.00	2160.00	1573.25	2181.70	2154.80	2160.00	2183.00
Train 2								
Planned unavailable hours	16.00	0	0.35	1.13	0.68	5.70	0.90	117.66
Unplanned unavailable hours	0	0	0	0	0	0	0	33.75
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	2208.00	2160.00	1573.25	2181.70	2154.80	2160.00	2183.00
Indicator value	1.8%	1.6%	1.4%	1.4%	1.4%	1.3%	1.0%	1.1%

Licensee Comments:

2Q/02: For EDG 'A', the data reflects planned and unplanned unavailable hours during the quarter. For EDG 'B', the data reflects planned and unplanned hours, the majority of which were related to planned overhaul of EDG 'B' in June 2002.

Safety System Unavailability, High Pressure Injection System (HPCI)



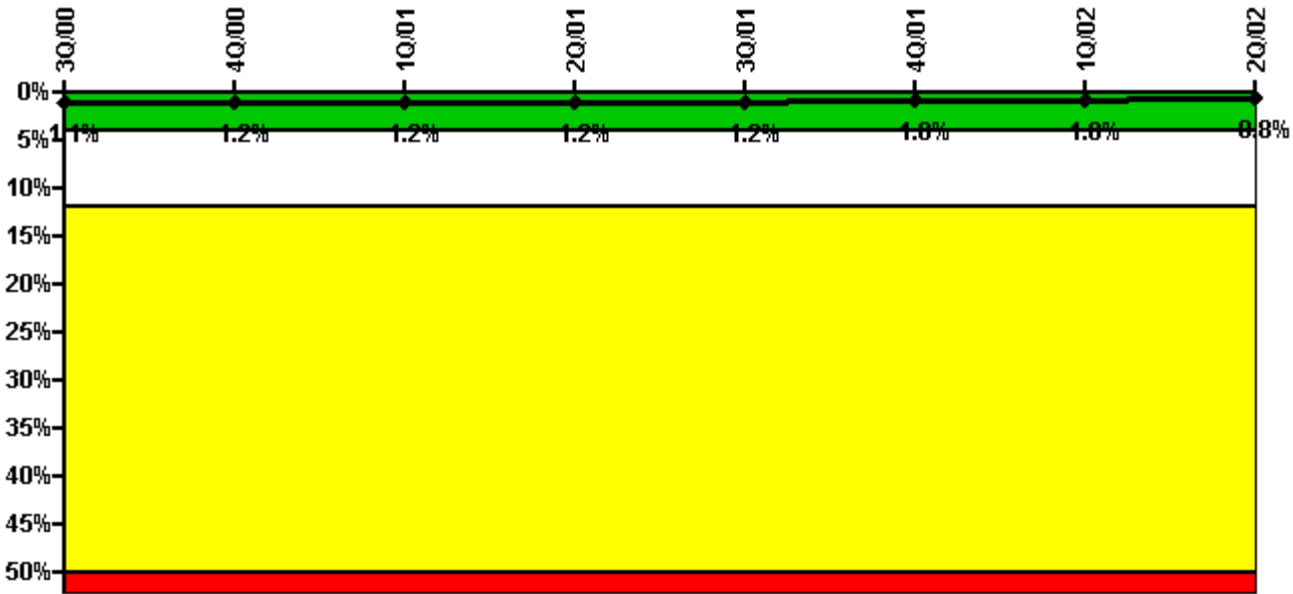
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

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	28.59	7.50	7.00	4.06	24.21	7.74	15.31	12.90
Unplanned unavailable hours	15.42	0	6.00	0	0	0	0	0
Fault exposure hours	11.79	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2116.00	2160.00	1525.00	2121.00	2148.00	2160.00	2183.00
Indicator value	1.5%	1.4%	1.4%	1.4%	1.5%	1.1%	0.9%	0.9%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



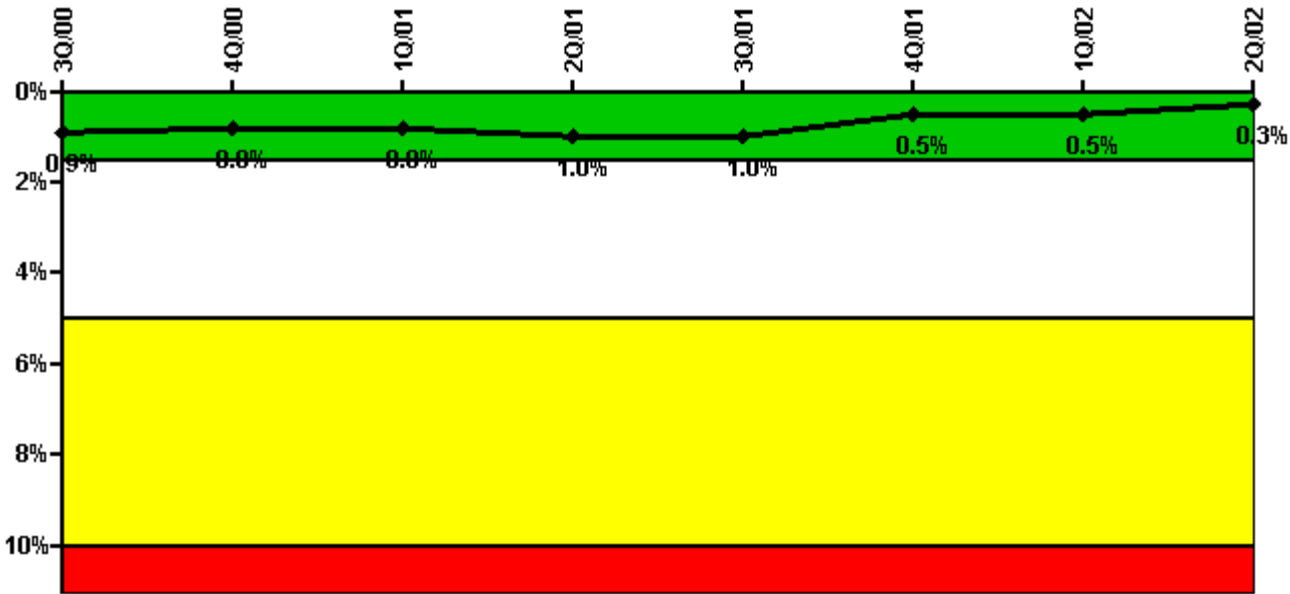
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	14.97	26.70	15.00	3.80	13.72	10.75	11.86	7.64
Unplanned unavailable hours	0	12.80	1.00	1.40	0.73	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	2116.00	2160.00	1525.00	2121.00	2148.00	2160.00	2183.00
Indicator value	1.1%	1.2%	1.2%	1.2%	1.2%	1.0%	1.0%	0.8%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



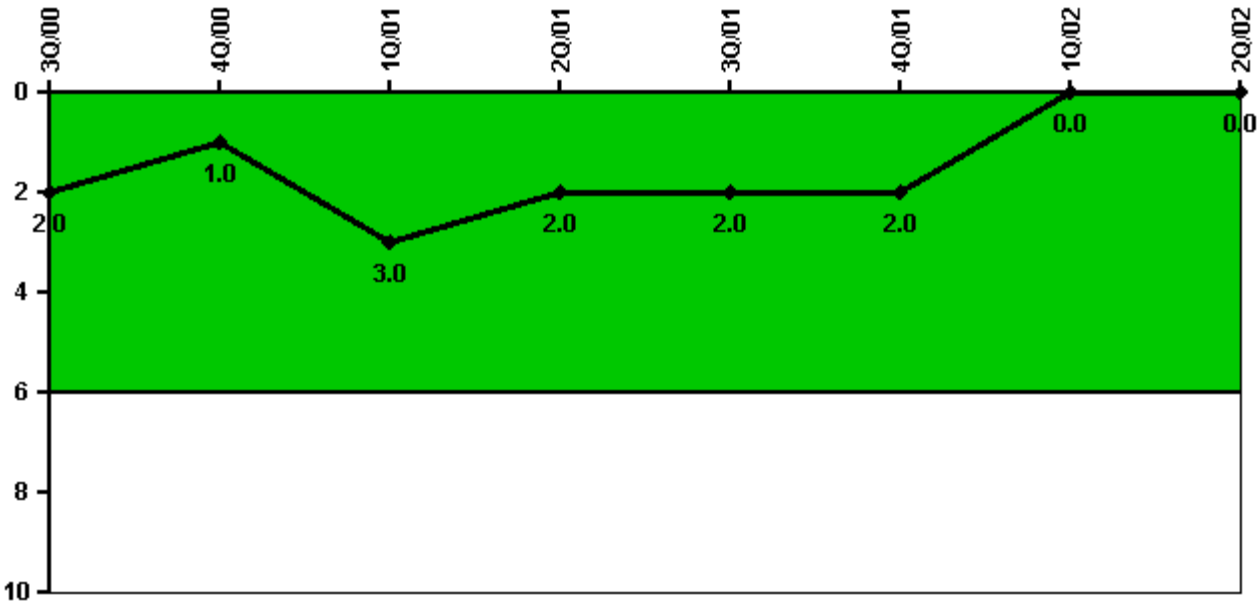
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	6.62	18.95	0	0	0.25	0	2.48
Unplanned unavailable hours	0	0	1.68	0.30	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	2208.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	5.42	12.16	0	108.85	0	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	2208.00	2208.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.9%	0.8%	0.8%	1.0%	1.0%	0.5%	0.5%	0.3%

Licensee Comments: none

Safety System Functional Failures (BWR)



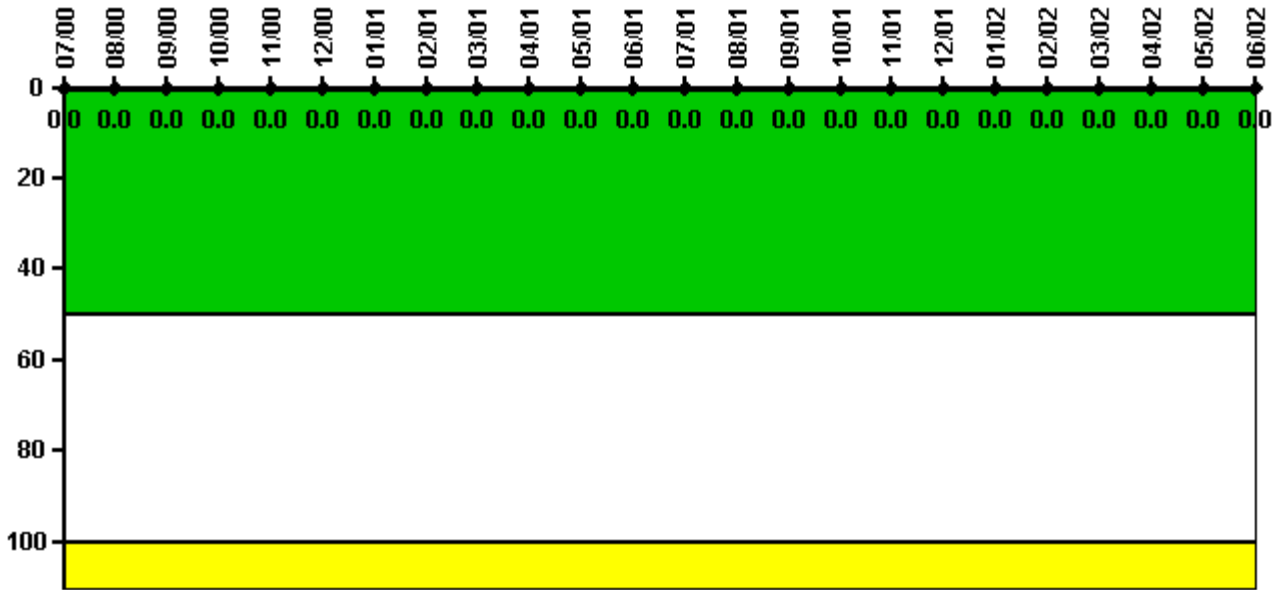
Thresholds: White > 6.0

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	0	0	2	0	0	0	0	0
Indicator value	2	1	3	2	2	2	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

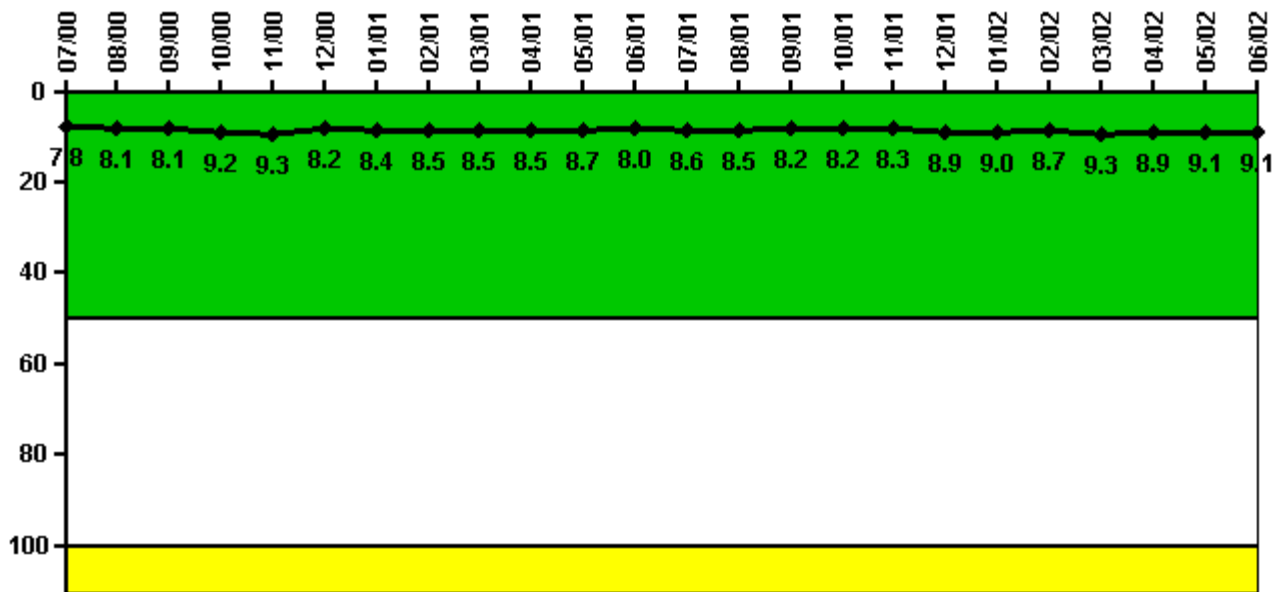
Reactor Coolant System Activity	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.004550	0.004290	0.004100	0.004770	0.004320	0.005010	0.006560	0.002670	0.003420	0.003490	0.002800	0.003140
Technical specification limit	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	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	0.002850	0.003030	0.002270	0.003310	0.002450	0.002260	0.002860	0.003050	0.003100	0.002360	0.002250	0.002360
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:

6/02: 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

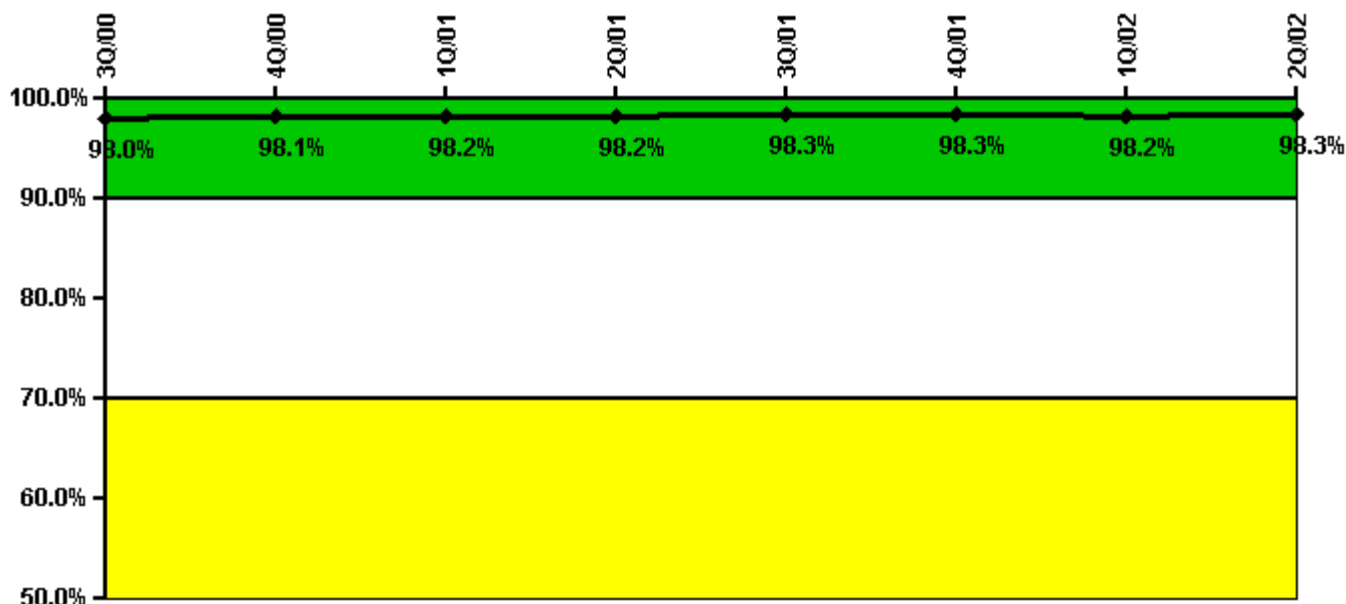
Reactor Coolant System Leakage	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	1.950	2.020	2.030	2.300	2.330	2.040	2.100	2.130	2.130	2.120	2.180	2.000
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.8	8.1	8.1	9.2	9.3	8.2	8.4	8.5	8.5	8.5	8.7	8.0

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	2.140	2.130	2.060	2.060	2.080	2.230	2.250	2.180	2.330	2.230	2.270	2.280
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	8.6	8.5	8.2	8.2	8.3	8.9	9.0	8.7	9.3	8.9	9.1	9.1

Licensee Comments:

6/02: 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



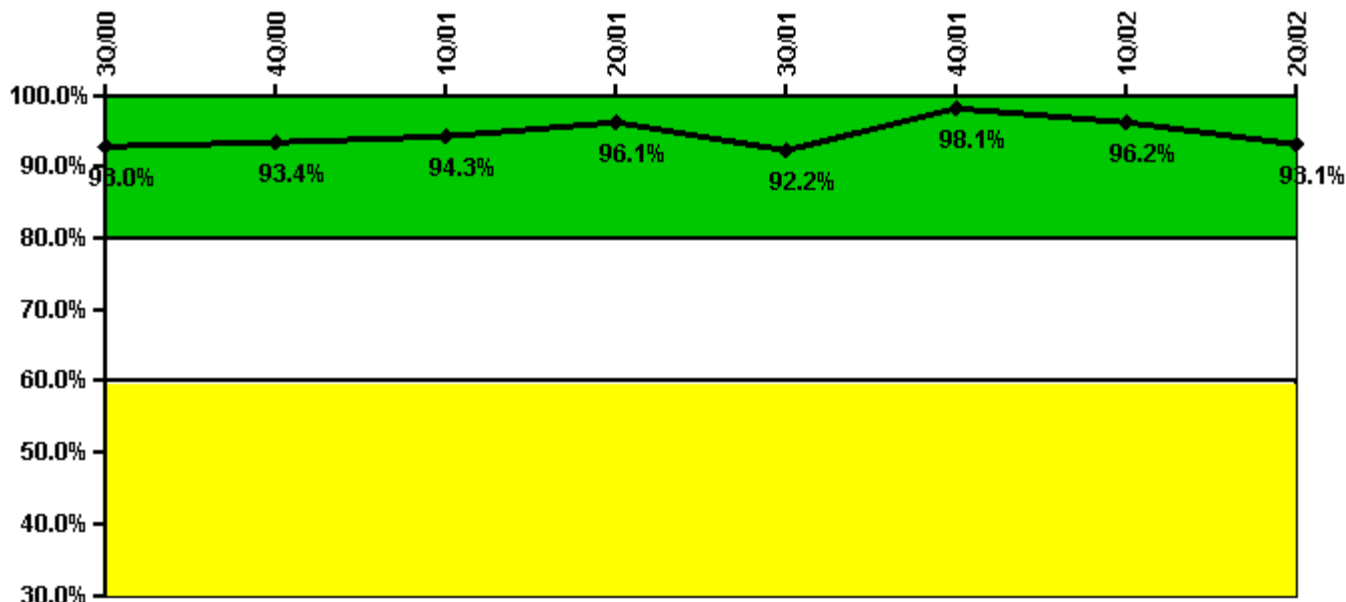
Thresholds: White < 90.0% Yellow < 70.0%

Notes

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

Licensee Comments: none

ERO Drill Participation



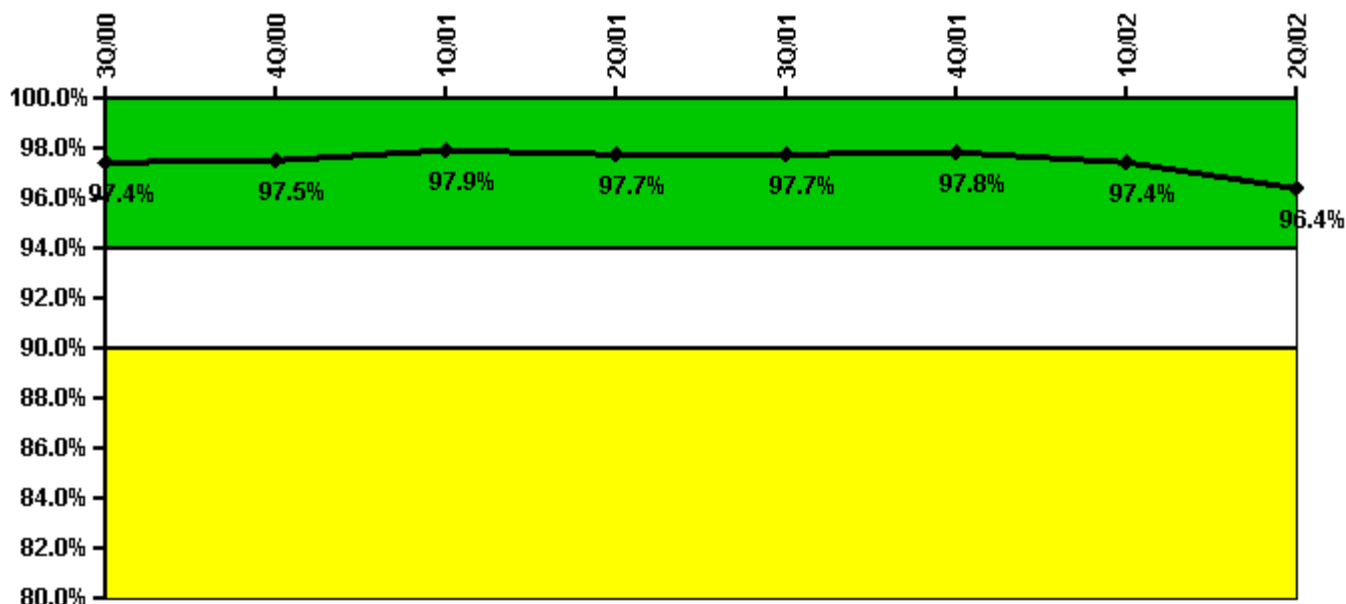
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	53.0	57.0	50.0	49.0	47.0	52.0	50.0	54.0
Total Key personnel	57.0	61.0	53.0	51.0	51.0	53.0	52.0	58.0
Indicator value	93.0%	93.4%	94.3%	96.1%	92.2%	98.1%	96.2%	93.1%

Licensee Comments: none

Alert & Notification System



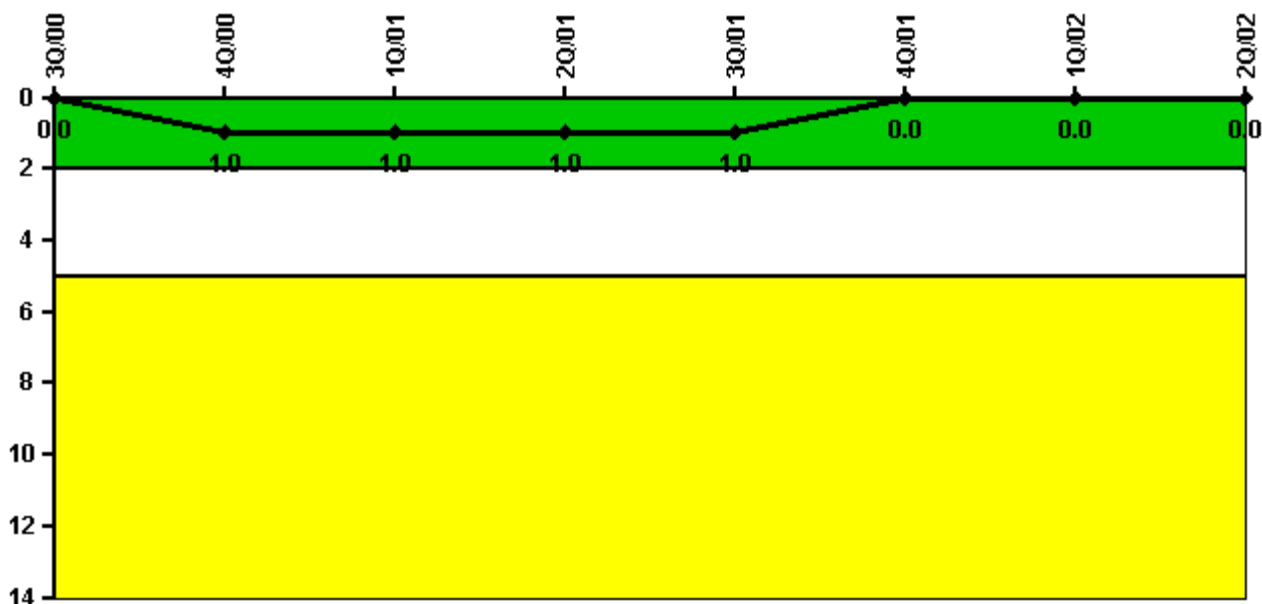
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	328	437	330	328	328	438	324	313
Total sirens-tests	336	448	336	336	336	448	336	336
Indicator value	97.4%	97.5%	97.9%	97.7%	97.7%	97.8%	97.4%	96.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



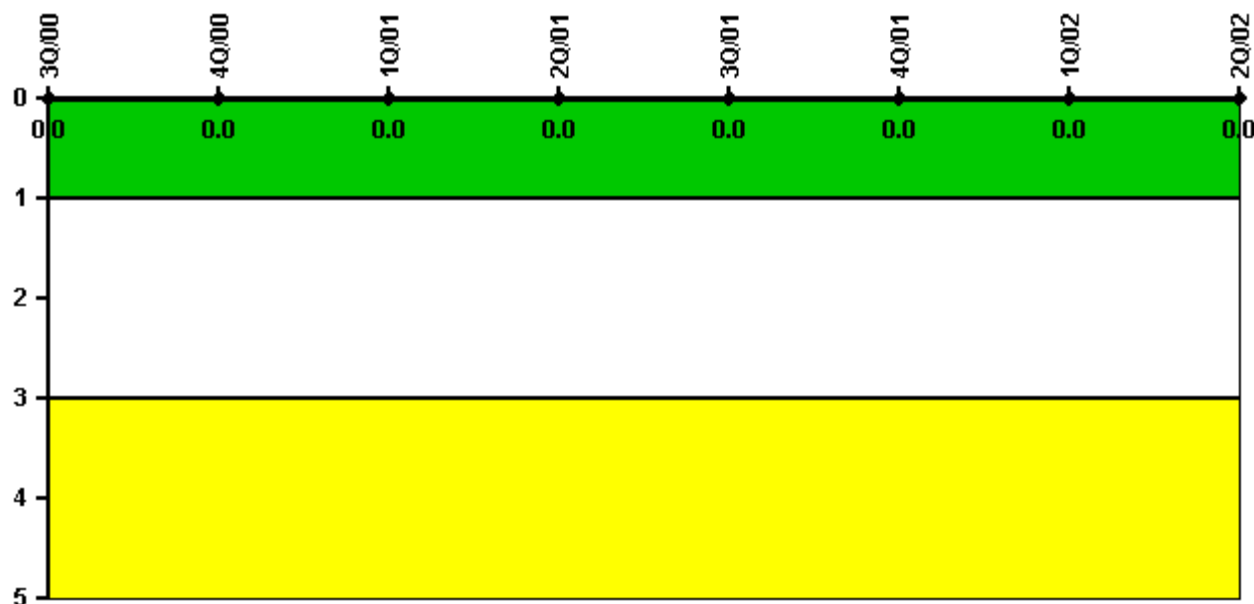
Thresholds: White > 2.0 Yellow > 5.0

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	1	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	1	1	1	1	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

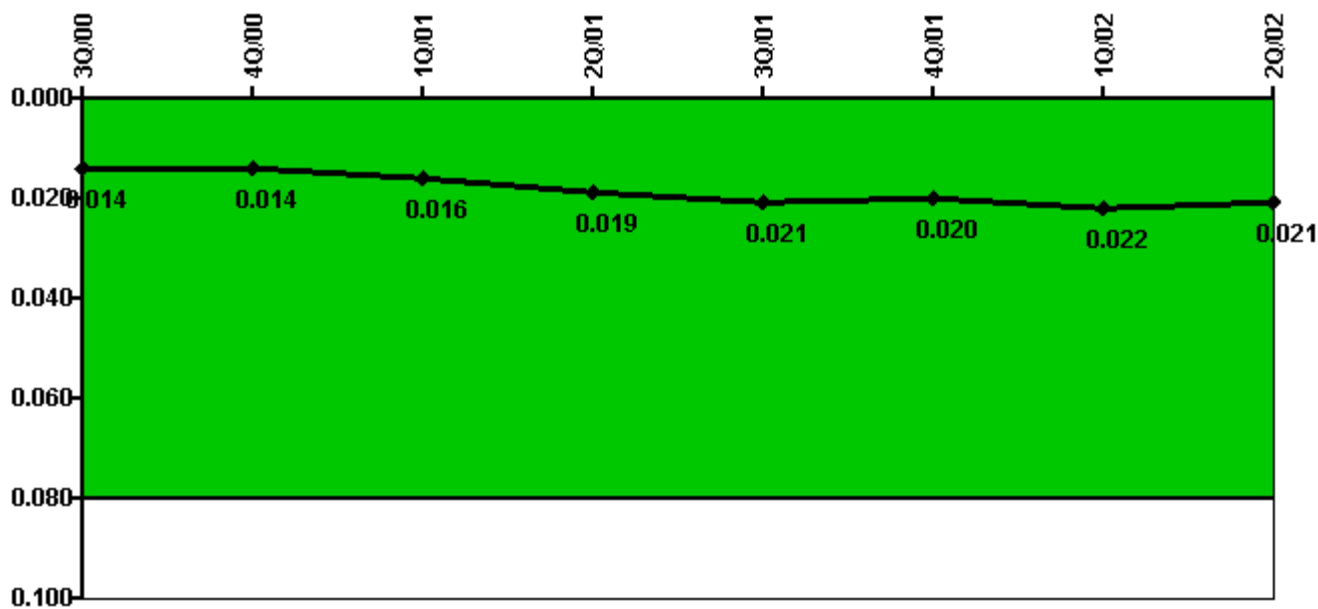
Notes

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:

2Q/02: Analysis results of effluents for June 2002 were not available when this data was submitted because the results of laboratory analysis of samples for June 2002 will not be available until July 2002. Weekly calculations of completed through June 30, 2002 indicate cumulative doses for 2Q-2002 were well below the specified values. The sample analysis results for 2Q-2002 will be reflected in the October 2002 data submittal (for 3Q-2002). The sample analysis results for 1Q-2002 were as reported in the April 2002 data submittal (for 1Q-2002)

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	268.90	60.10	137.10	151.10	73.20	36.60	173.60	137.20
CCTV compensatory hours	0	0	12.4	36.6	118.5	0	26.9	31.8
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	0.014	0.014	0.016	0.019	0.021	0.020	0.022	0.021

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

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Last Modified: July 31, 2002