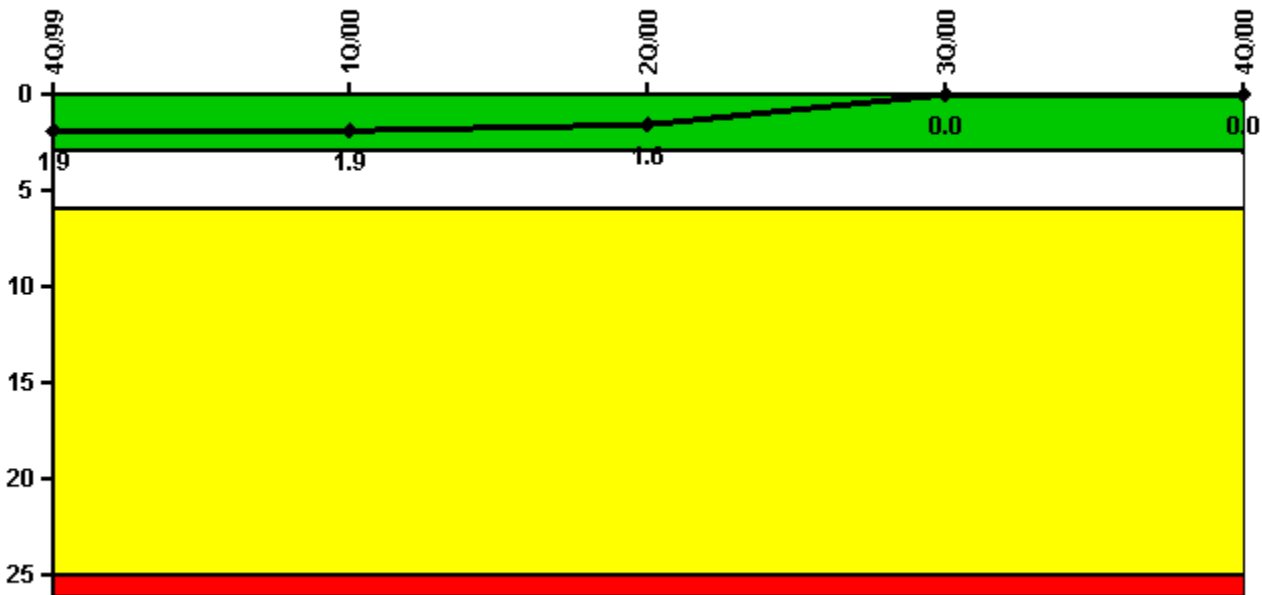


Pilgrim 1

4Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



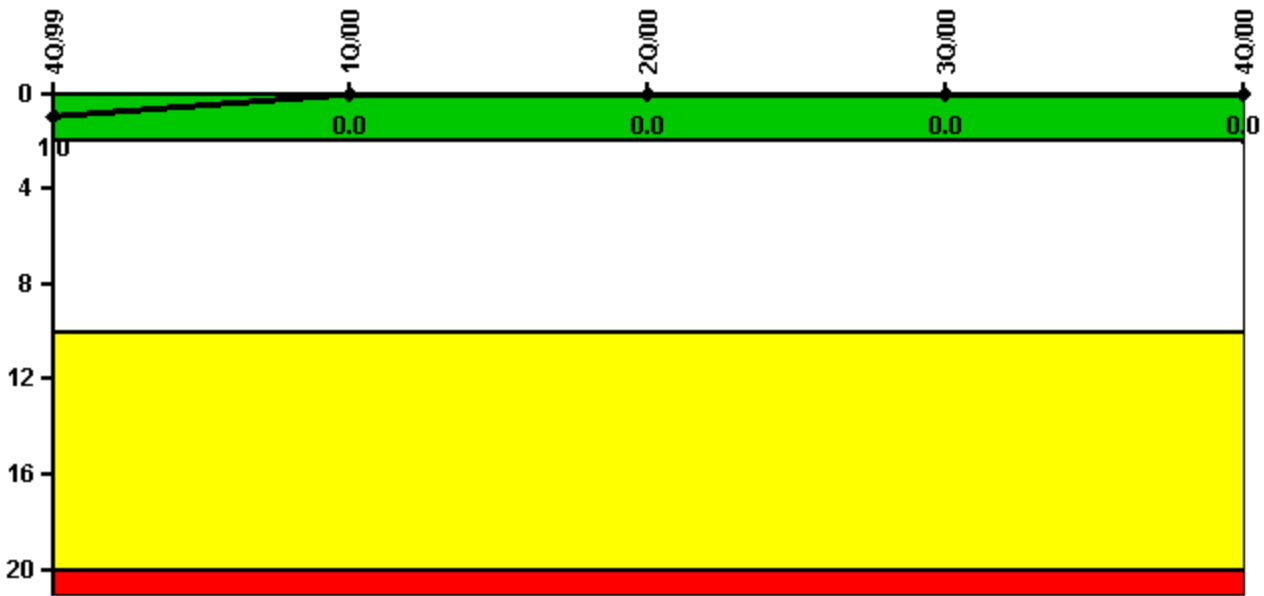
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	2208.0	2184.0	2183.0	2156.1	2114.8
Indicator value	1.9	1.9	1.6	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



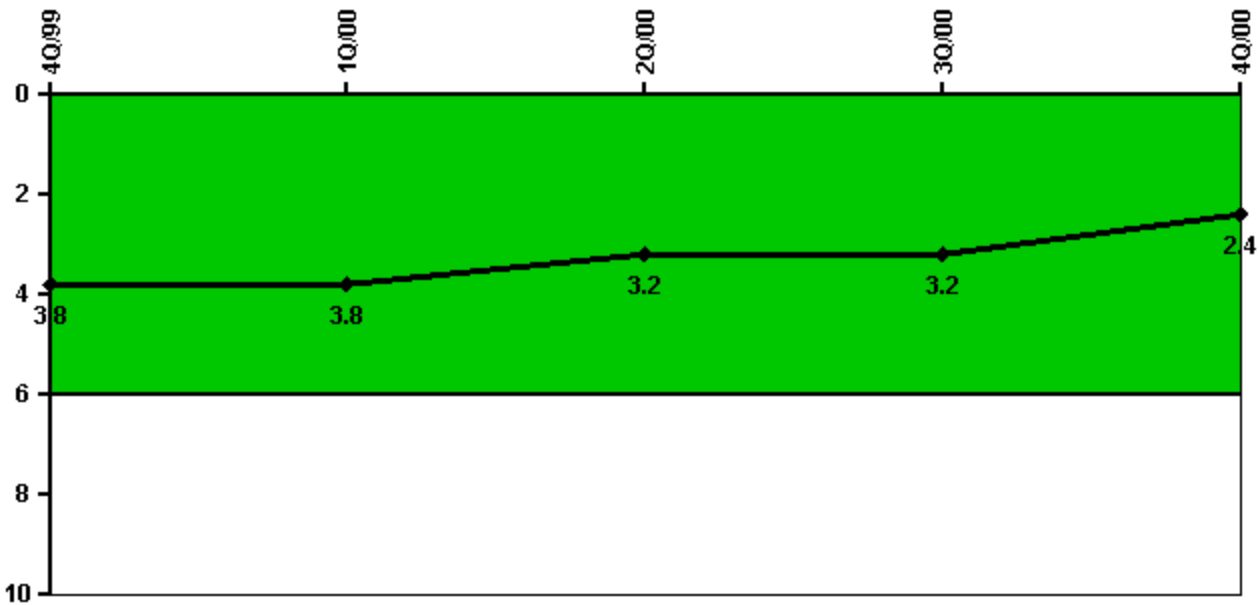
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Scrams	0	0	0	0	0
Indicator value	1.0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

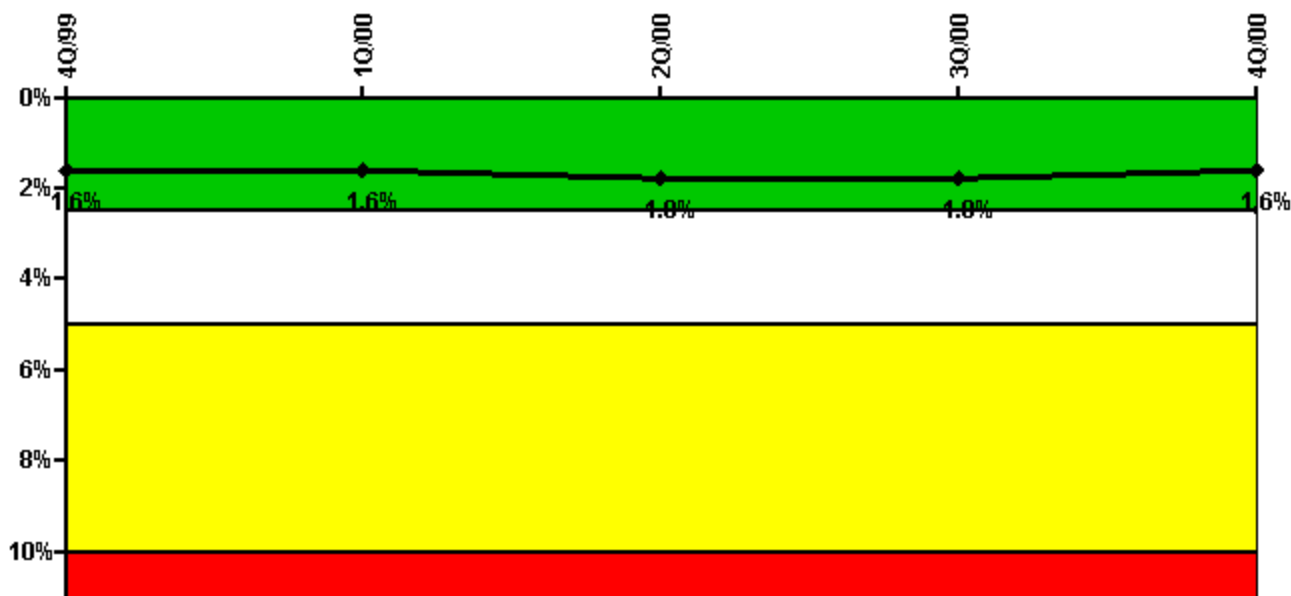
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	1.0	1.0	0	2.0	0
Critical hours	2208.0	2184.0	2183.0	2156.1	2114.8
Indicator value	3.8	3.8	3.2	3.2	2.4

Licensee Comments:

4Q/00: Power reductions in the last 4 quarters on 12/27/1999, 2/22/2000, 8/21/2000, and 9/29/2000.

Safety System Unavailability, Emergency AC Power



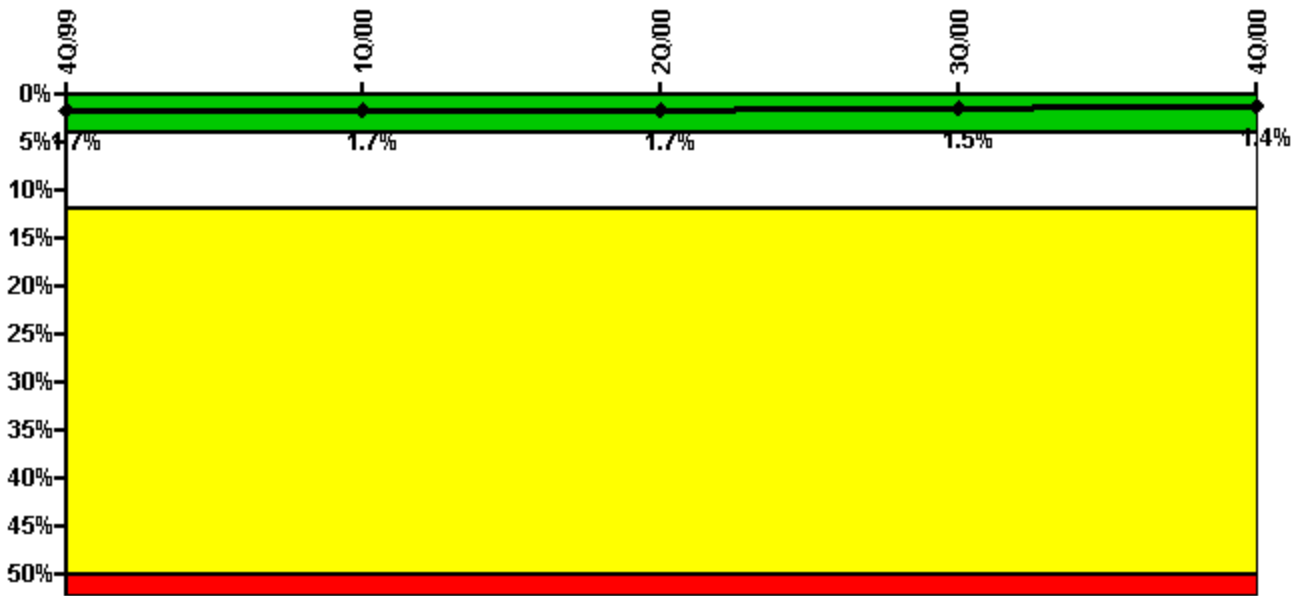
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	0	43.47	3.60	0
Unplanned unavailable hours	67.83	0	31.23	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2208.00
Train 2					
Planned unavailable hours	0	2.25	0	16.00	0
Unplanned unavailable hours	0	0	80.20	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2208.00
Indicator value	1.6%	1.6%	1.8%	1.8%	1.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



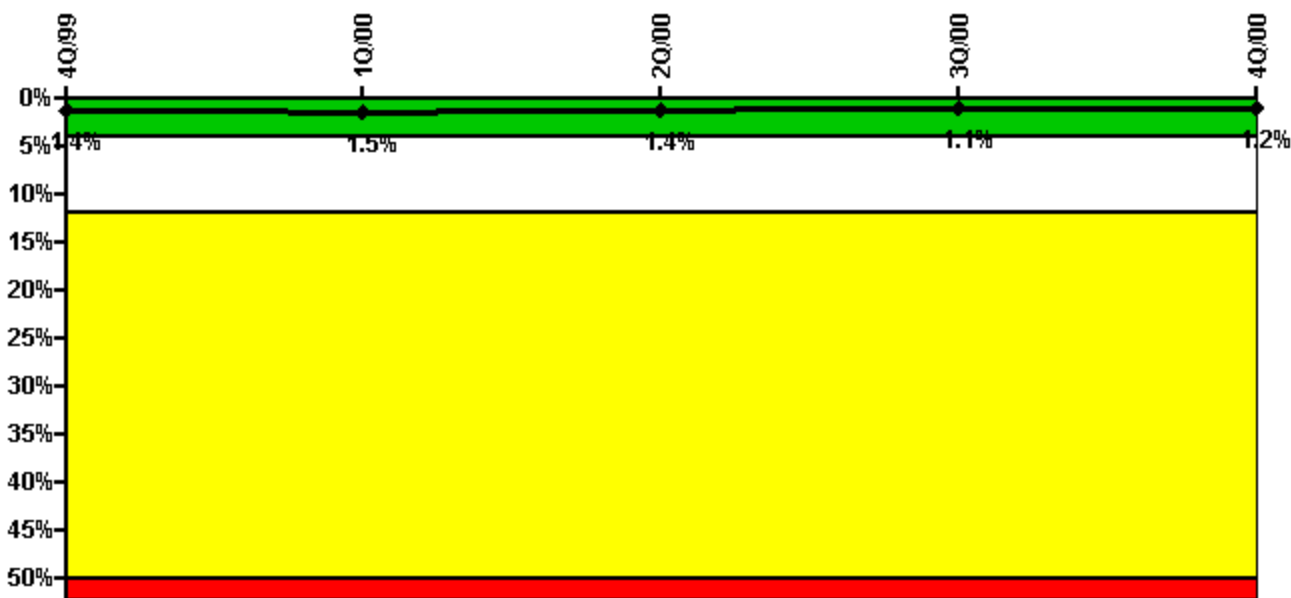
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	20.85	46.65	9.81	28.59	7.50
Unplanned unavailable hours	0	0	0.10	15.42	0
Fault exposure hours	0	0	0	11.79	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2116.00
Indicator value	1.7%	1.7%	1.7%	1.5%	1.4%

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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	22.15	34.32	10.56	14.97	26.70
Unplanned unavailable hours	0	0	0	0	12.80
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2116.00
Indicator value	1.4%	1.5%	1.4%	1.1%	1.2%

Licensee Comments:

4Q/00: 4Q-2000 unplanned unavailability data reflects hours resulting from the removal of RCIC from service on 12/27/2000.

Safety System Unavailability, Residual Heat Removal System



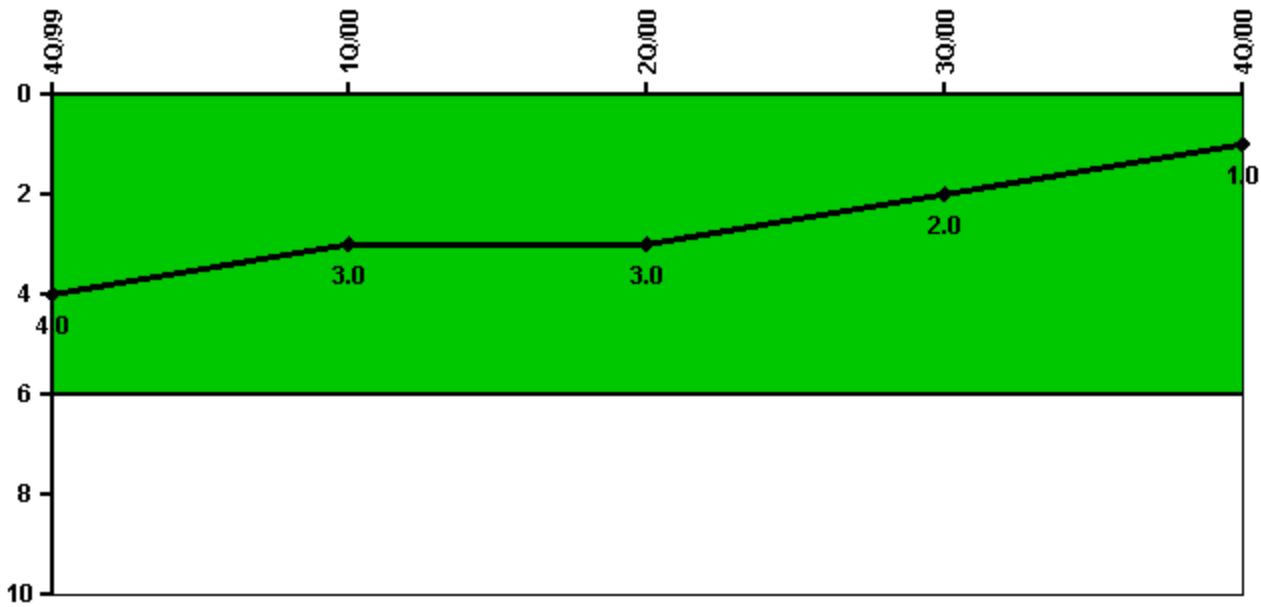
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	5.65	0	0	0	6.62
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2208.00
Train 2					
Planned unavailable hours	0	0	0	5.42	12.16
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2184.00	2183.00	2208.00	2208.00
Indicator value	1.1%	0.9%	0.9%	0.9%	0.8%

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

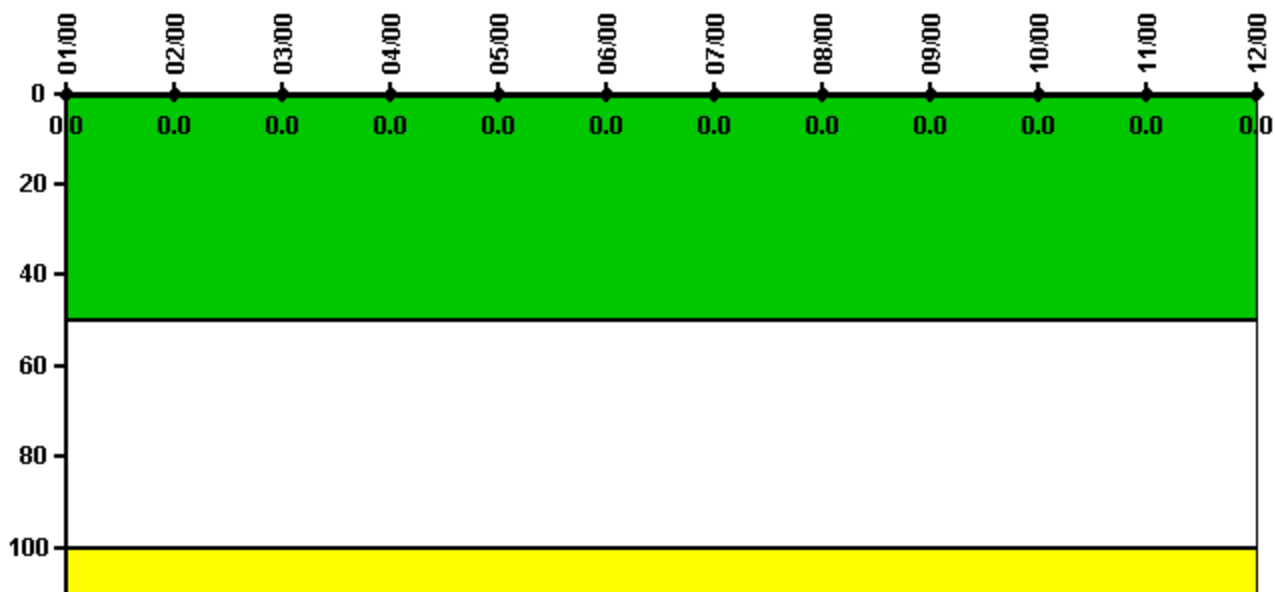
Notes

Safety System Functional Failures (BWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Safety System Functional Failures	1	0	1	0	0
Indicator value	4	3	3	2	1

Licensee Comments:

4Q/00: LER 1999-010 submitted 10/18/1999, LER 2000-002 submitted 5/25/2000.

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	0.003070	0.003840	0.003940	0.005250	0.005940	0.004210	0.004550	0.004290	0.004100	0.004770	0.004320	0.005010
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:

12/00: Maximum calculated RCS activity in micro Curies per gram total Iodine. TS specifies total Iodine, does not specify dose equivalent Iodine-131.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

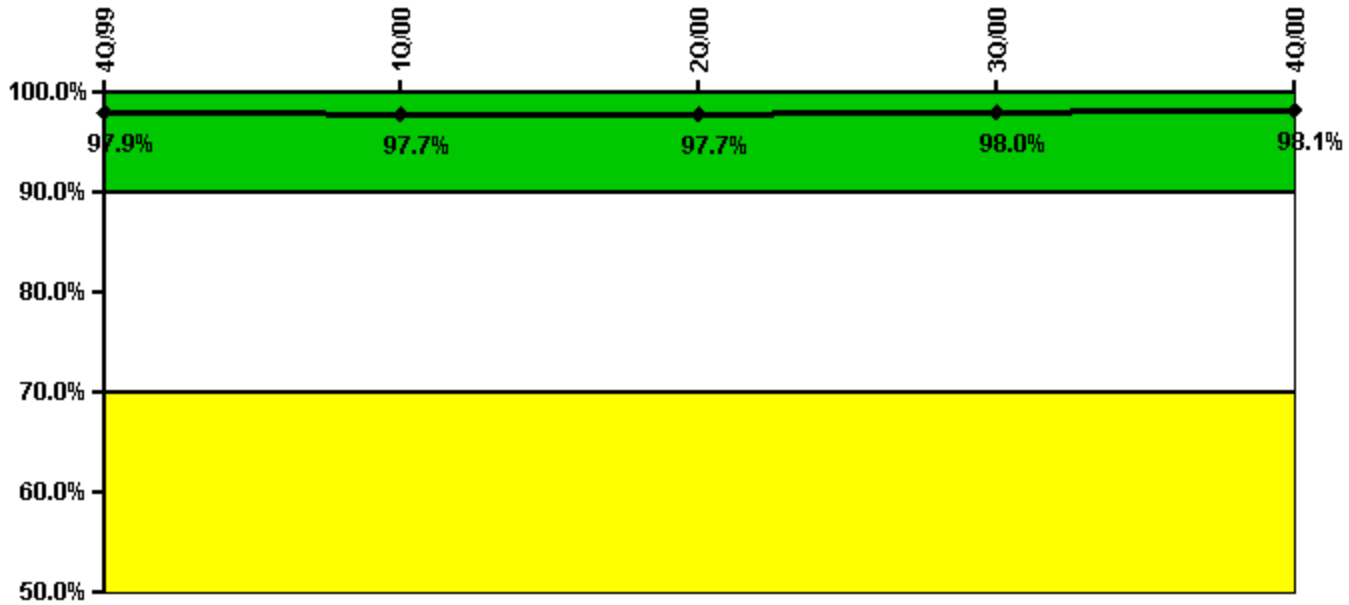
Notes

Reactor Coolant System Leakage	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	2.060	2.010	1.970	1.980	1.990	1.950	1.950	2.020	2.030	2.300	2.330	2.040
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	8.2	8.0	7.9	7.9	8.0	7.8	7.8	8.1	8.1	9.2	9.3	8.2

Licensee Comments:

12/00: Maximum total leakage (un-identified plus identified) in gpm for each month. TS specifies un-identified leakage and total leakage, does not specify identified leakage.

Drill/Exercise Performance



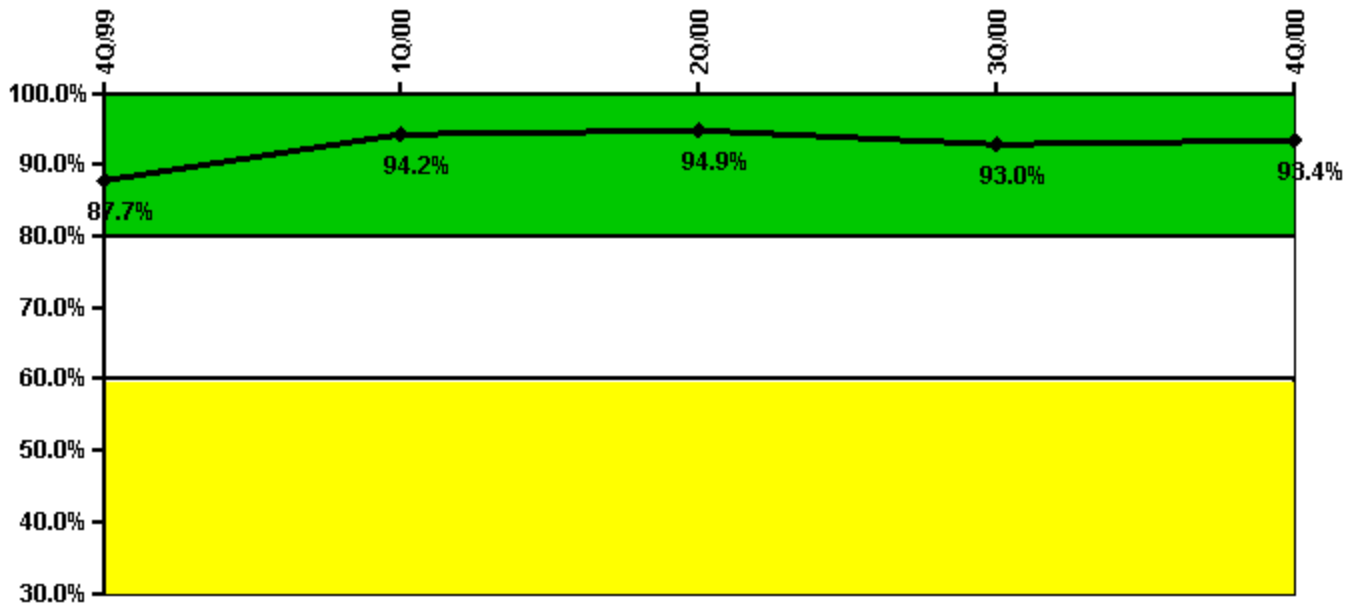
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	63.0	26.0	78.0	9.0	26.0
Total opportunities	65.0	27.0	79.0	9.0	26.0
Indicator value	97.9%	97.7%	97.7%	98.0%	98.1%

Licensee Comments: none

ERO Drill Participation



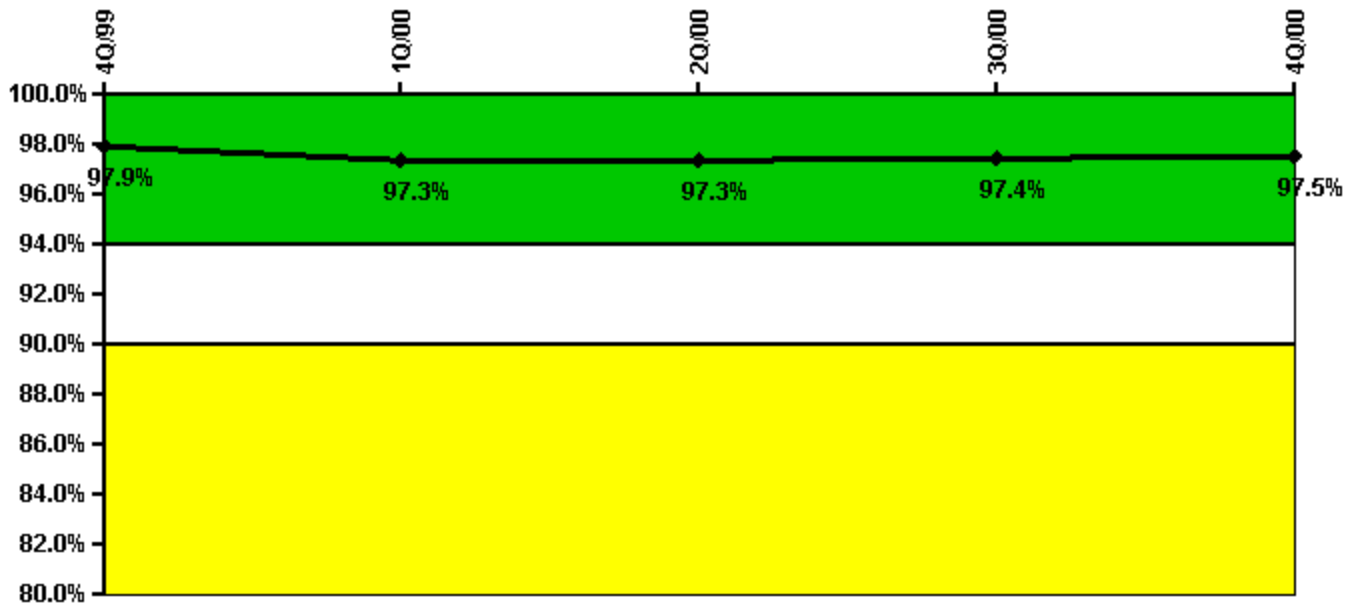
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	50.0	49.0	56.0	53.0	57.0
Total Key personnel	57.0	52.0	59.0	57.0	61.0
Indicator value	87.7%	94.2%	94.9%	93.0%	93.4%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	436	324	330	328	437
Total sirens-tests	448	336	336	336	448
Indicator value	97.9%	97.3%	97.3%	97.4%	97.5%

Licensee Comments:

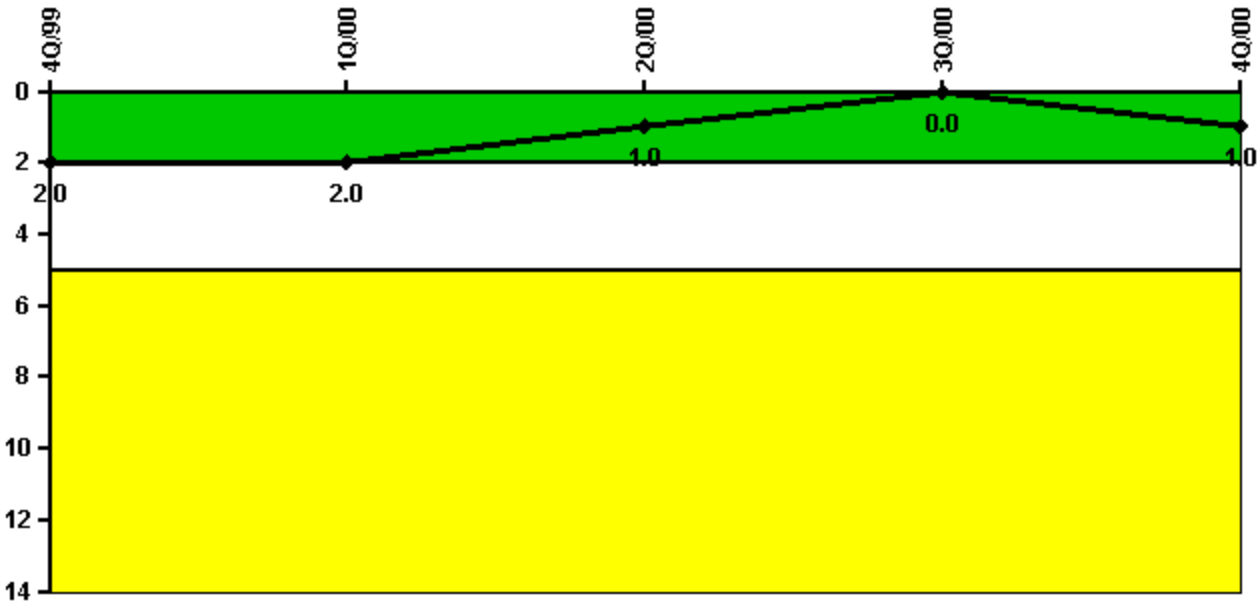
4Q/00: The number of successful siren tests for the quarter was revised to 437 (from 438) to reflect siren rotation criteria. The revision does not change the indicator color (green).

3Q/00: The number of successful siren tests in the quarter was revised to 328 (from 327) to reflect siren rotation criteria. The revision does not change the indicator color (green).

2Q/00: The number of successful siren tests for the quarter was revised to 330 (from 329) to reflect siren rotation criteria. The revision does not change the indicator color (green).

4Q/99: The number of successful siren tests and number of sirens tested during the quarter was revised to add the annual full functional siren test results for November 1999 that were not previously included in the 4Q-1999 data. The revision does not change the indicator color (green).

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

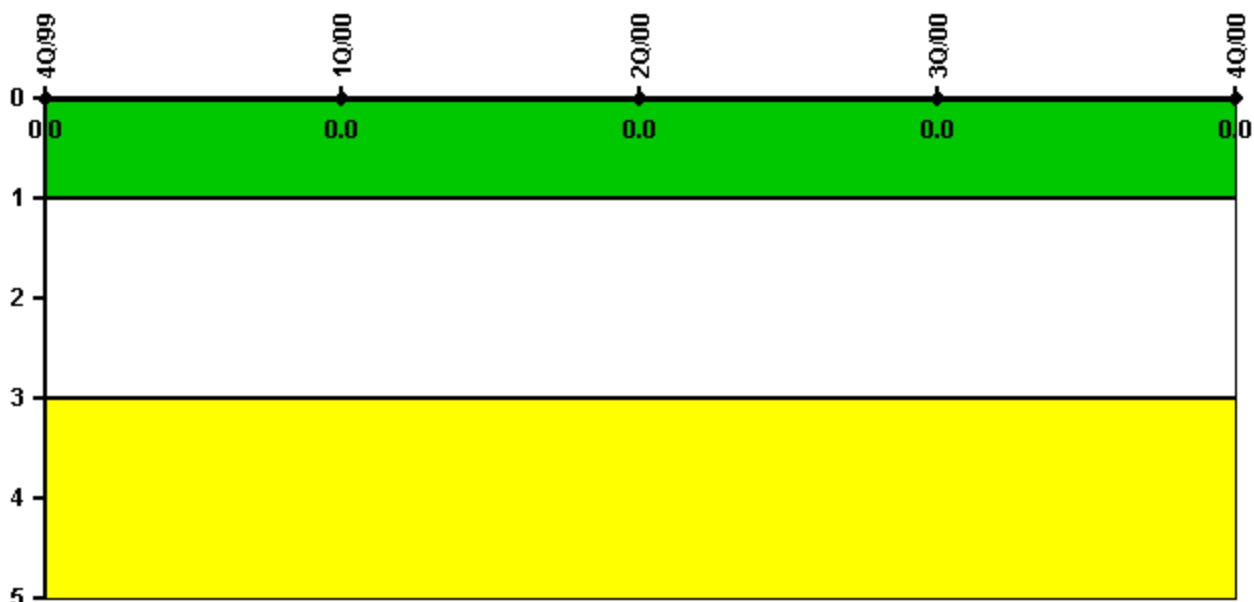
Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
High radiation area occurrences	0	0	0	0	1
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	2	2	1	0	1

Licensee Comments:

4Q/00: 4Q-2000 data reflects an event on 10/26/2000.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

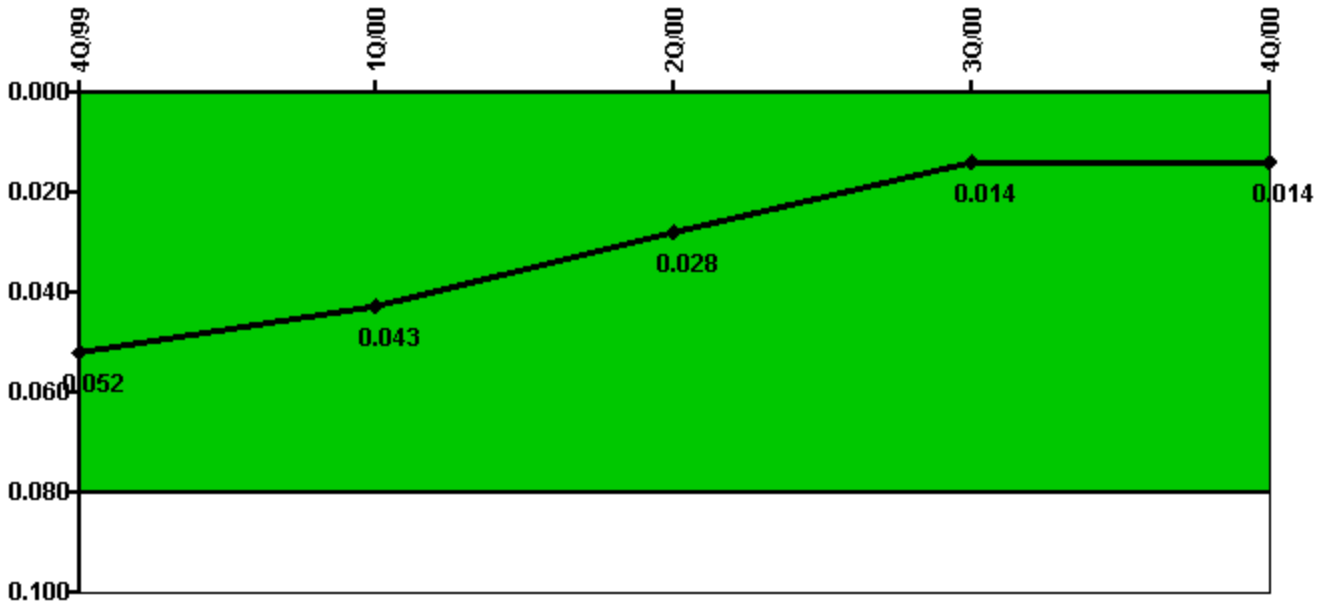
Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments:

4Q/00: Analysis results of effluents for December 2000 were not available when this data was submitted because the results of laboratory analysis of samples for December will not be available until February. Weekly calculations completed through December 31st indicate cumulative doses for 4Q-2000 were well below the specified values. The sample analysis results for 4Q-2000 will be reflected in the April 2001 data submittal (for 1Q-2001). The sample analysis results for September 2000 effluents were as reported in the October 2000 data submittal (for 3Q-2000).

Protected Area Security Performance Index



Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	61.00	93.50	95.60	268.90	60.10
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	2.30	2.30	2.15	2.15	2.15
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.052	0.043	0.028	0.014	0.014

Licensee Comments:

4Q/00: The number of IDS compensatory hours for the quarter was revised to 60.1 (from 13.6). The revision does not change the indicator color (green).

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

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

Last Modified: March 28, 2002