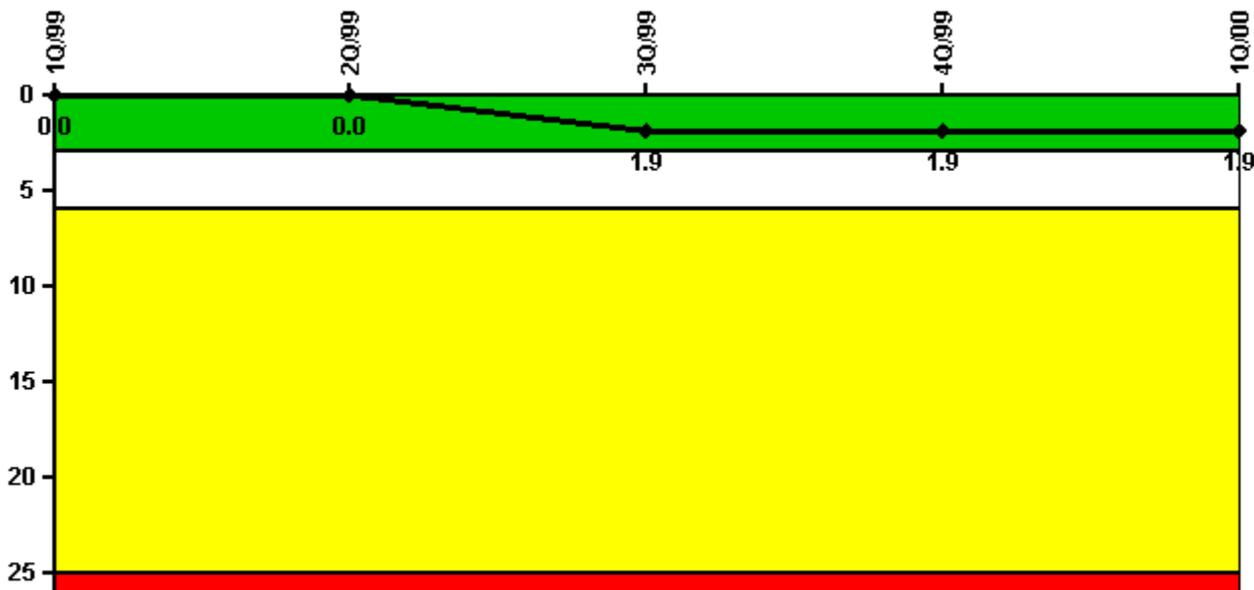


Pilgrim 1

1Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

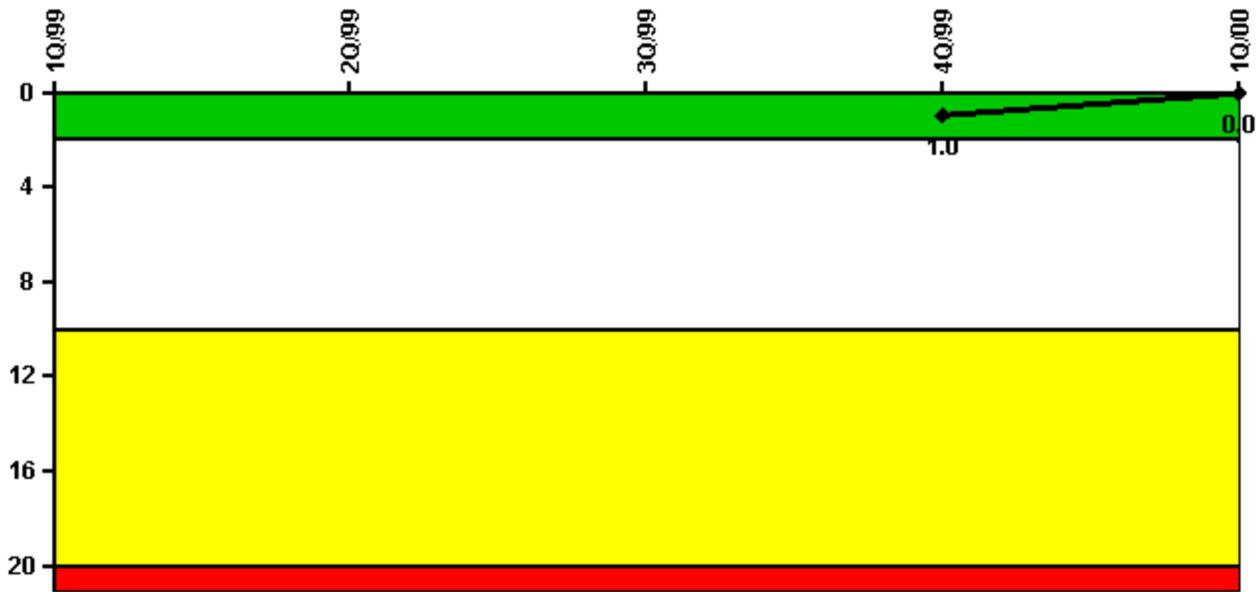
Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	0	2.0	0	0
Critical hours	2160.0	963.5	2058.4	2208.0	2184.0
Indicator value	0	0	1.9	1.9	1.9

Licensee Comments:

1Q/00: 8/5/99 (LER 99-008), 9/13/99 (LER 99-009).

Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

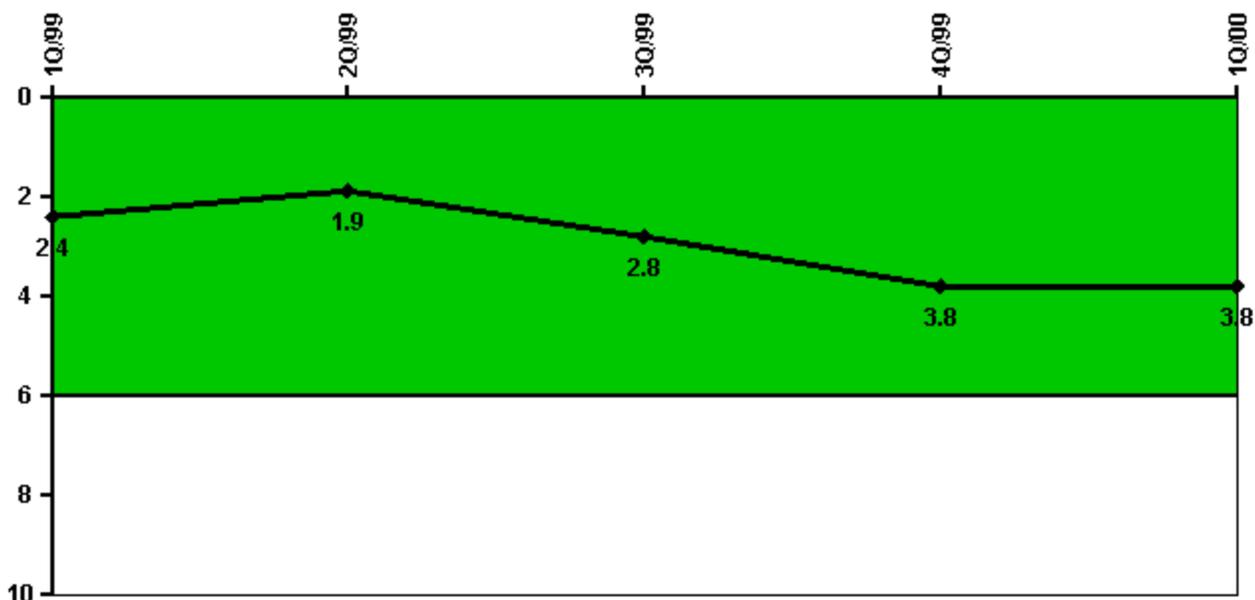
Notes

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

Licensee Comments:

1Q/00: 2/15/97 (LER 97-003).

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

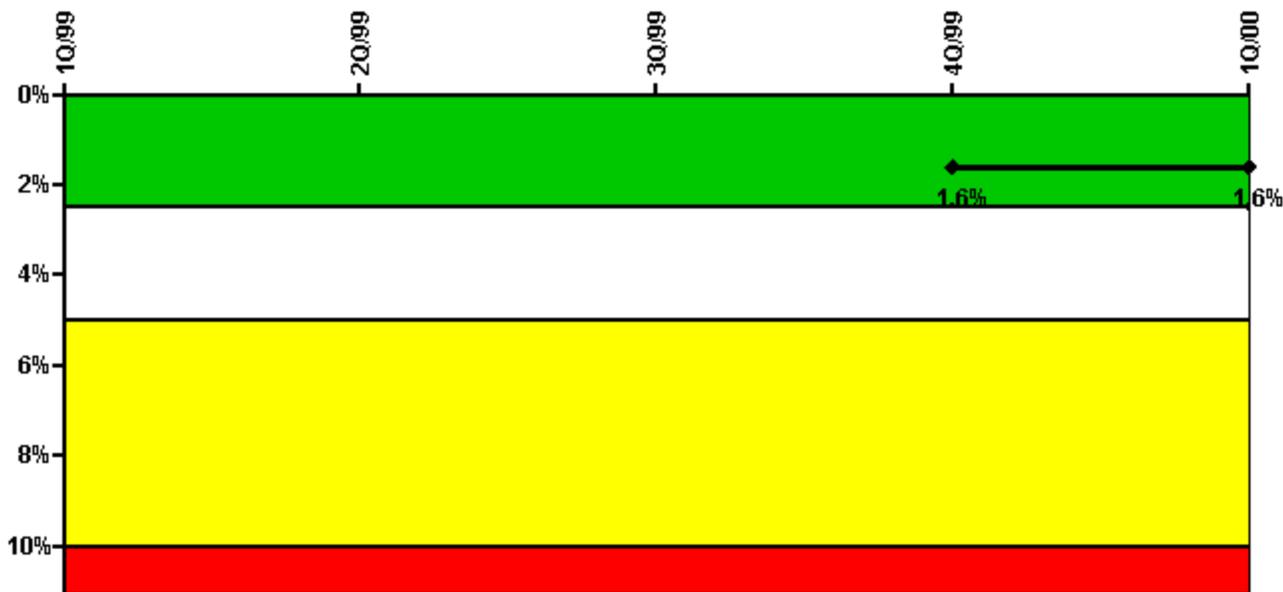
Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	1.0	0	2.0	1.0	1.0
Critical hours	2160.0	963.5	2058.4	2208.0	2184.0
Indicator value	2.4	1.9	2.8	3.8	3.8

Licensee Comments:

1Q/00: Most recent power reductions on 3/27/99, 7/16/99, 12/27/99, and 2/22/00.

3Q/99: This data was changed (from 1 to 2) to include an unplanned power change on 7/29/99. The other unplanned power change in 3Q-1999 was on 7/16/99.

Safety System Unavailability, Emergency AC Power



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

Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	98.40	0	67.20	0	0
Unplanned unavailable hours	47.20	16.50	18.35	67.83	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2184.00	2208.00	2208.00	2184.00
Train 2					
Planned unavailable hours	0	91.00	0	0	2.25
Unplanned unavailable hours	0	6.00	33.50	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2184.00	2208.00	2208.00	2184.00
Indicator value				1.6%	1.6%

Licensee Comments:

1Q/00: Certain of the historical unavailability hours for this indicator are expected to be revised (i.e., decreased unavailability hours) prior to or as part of the 2Q2000 data submittal because of new guidance contained in NEI 99-02 (rev. 0 dated 3/28/2000) for this indicator. NEI 99-02 (draft rev. D) was used for assimilating this data because of time constraints imposed for the 1Q2000 data submittal and the date when NEI 99-02 (rev. 0) was issued. Regardless of the expected revision, the indicator data submitted is consistent with the guidance in NEI 99-02 and the provisions of Regulatory Issue Summary (RIS) 2000-08 and its predecessor, RIS 99-06.

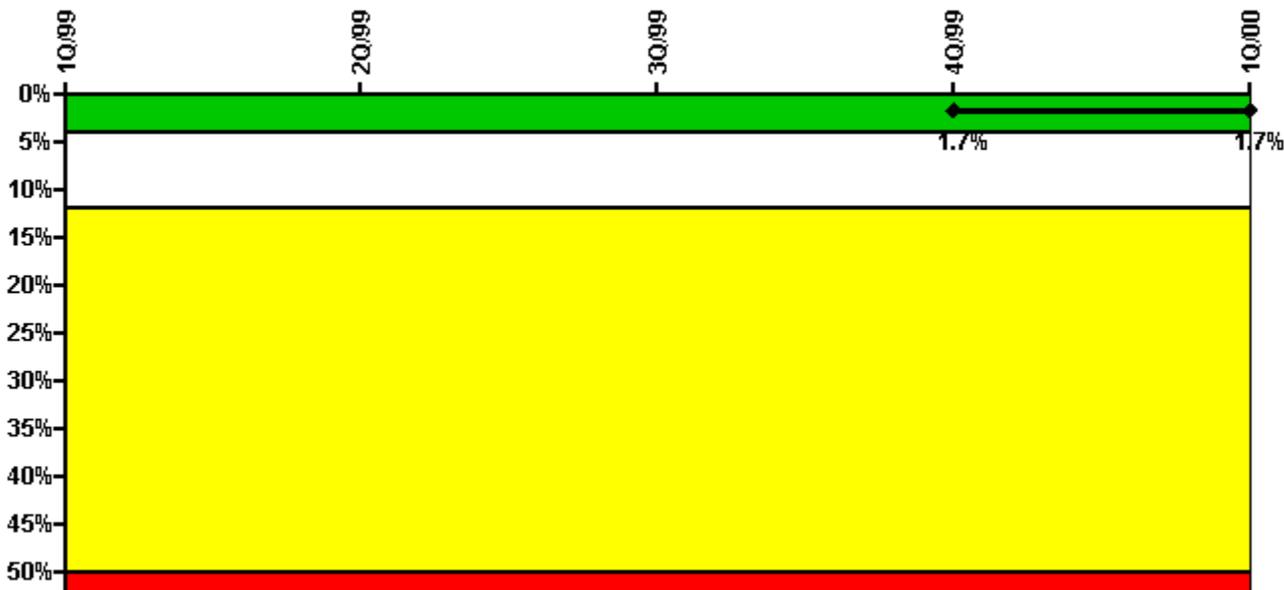
1Q/00: The data for Train 2 was changed to indicate 2.25 unavailability hours that were missed when assimilating the data for the April 2000 submittal.

4Q/99: The data was changed to exclude planned unavailability hours due to overhaul on Train 1 that were previously counted. Reference FAQ178.

3Q/99: The data was changed to exclude planned unavailability hours due to overhaul on Train 2 that were previously counted. Reference

FAQ178.

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)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	28.13	9.39	12.36	20.85	46.65
Unplanned unavailable hours	24.00	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2180.00	929.30	2097.80	2208.00	2184.00
Indicator value				1.7%	1.7%

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)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	5.48	54.45	8.22	22.15	34.32
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	2180.00	929.30	2097.80	2208.00	2184.00
Indicator value				1.4%	1.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



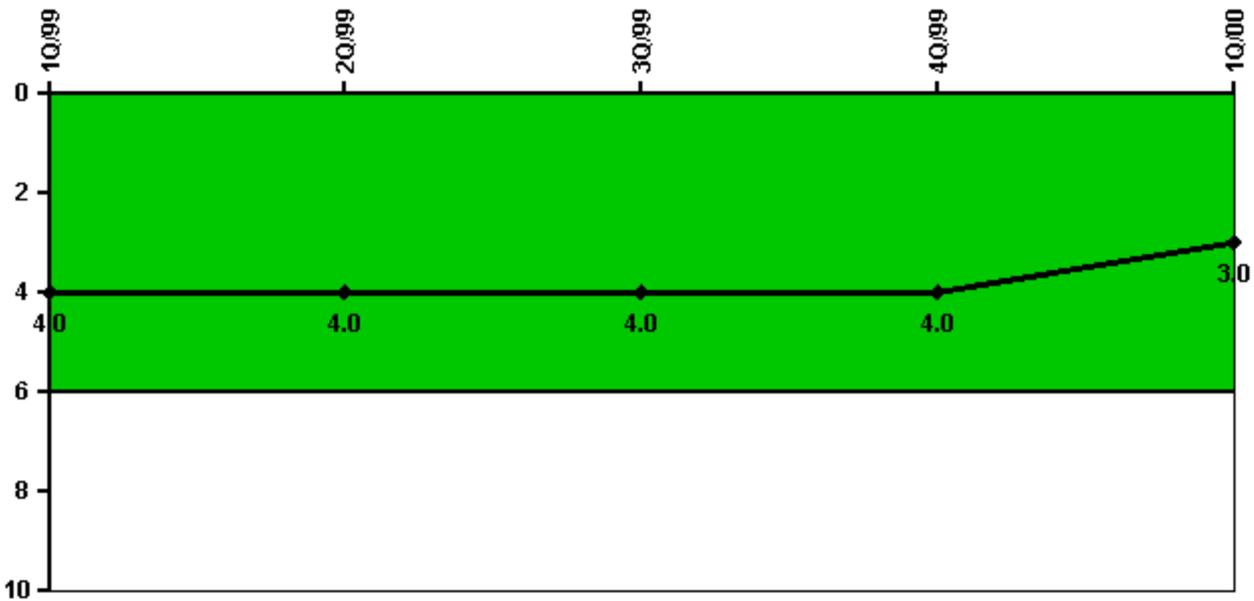
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	117.10	0	5.65	0
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	2160.00	2184.00	2208.00	2208.00	2184.00
Train 2					
Planned unavailable hours	0	0	0	0	0
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	2160.00	2184.00	2208.00	2208.00	2184.00
Indicator value				1.1%	0.9%

Licensee Comments: none

Safety System Functional Failures (BWR)



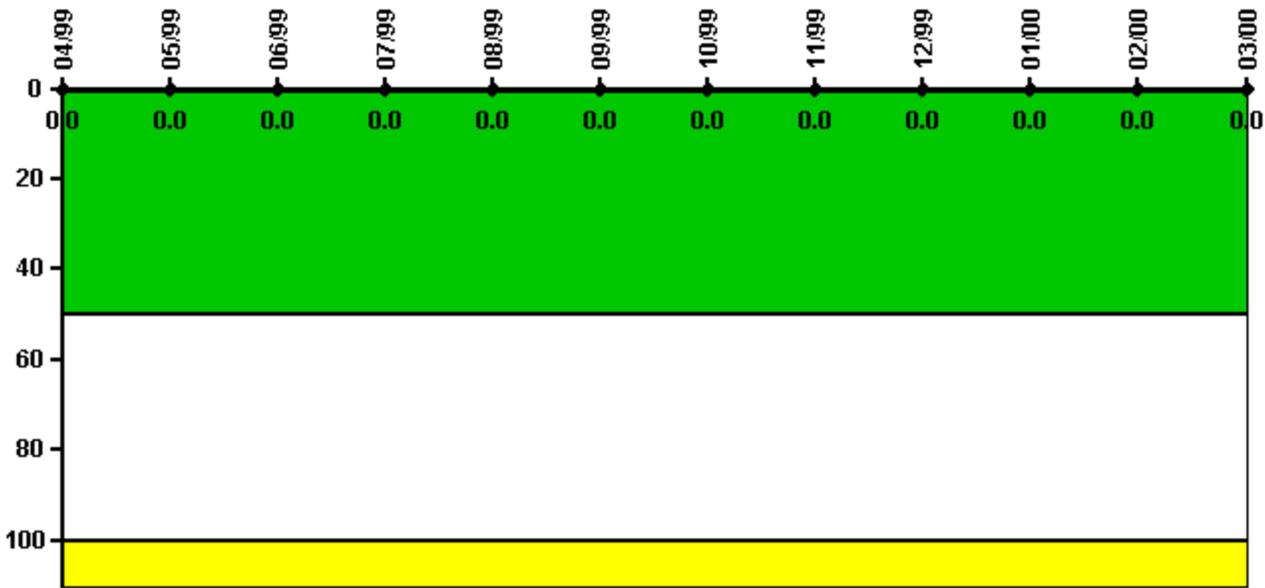
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

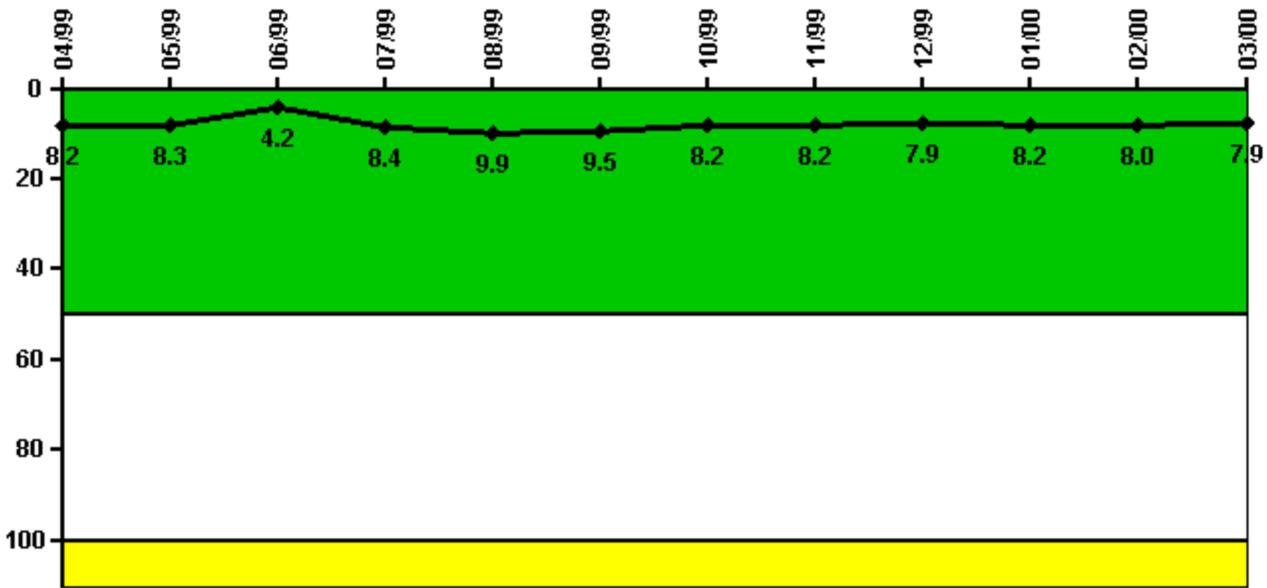
Notes

Reactor Coolant System Activity	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum activity	0.004270	0.004220	0	0.004980	0.004750	0.004650	0.005740	0.006420	0.003930	0.003070	0.003840	0.003940
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:

3/00: Maximum calculated RCS activity in micro-curies per gram total Iodine. TS specifies total Iodine, does not specify dose equivalent I-131.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

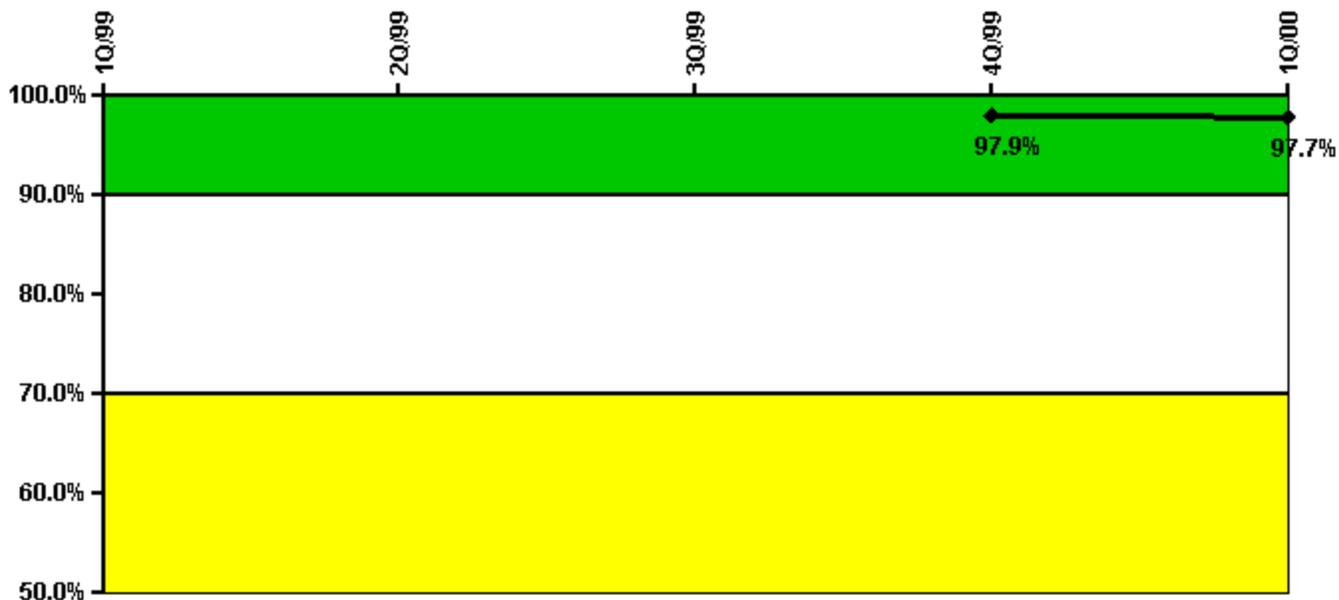
Notes

Reactor Coolant System Leakage	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	2.060	2.070	1.040	2.090	2.480	2.380	2.040	2.060	1.970	2.060	2.010	1.970
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	8.3	4.2	8.4	9.9	9.5	8.2	8.2	7.9	8.2	8.0	7.9

Licensee Comments:

3/00: 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



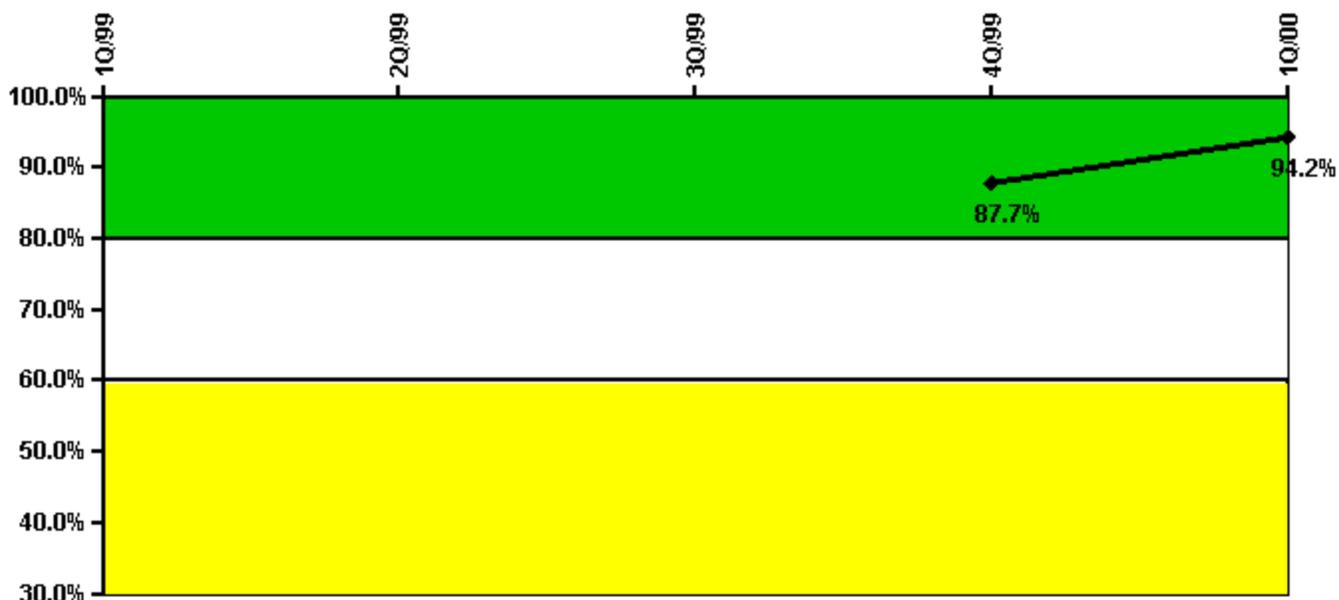
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	0	2.0	7.0	63.0	26.0
Total opportunities	0	2.0	7.0	65.0	27.0
Indicator value				97.9%	97.7%

Licensee Comments: none

ERO Drill Participation



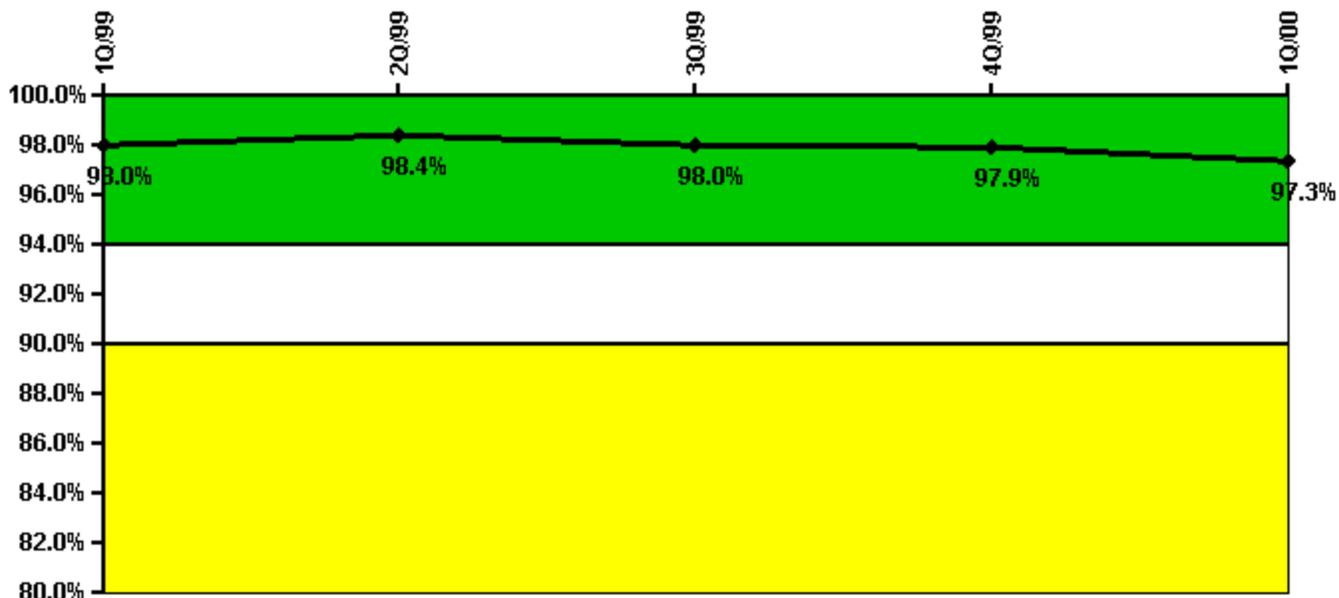
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel				50.0	49.0
Total Key personnel				57.0	52.0
Indicator value				87.7%	94.2%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

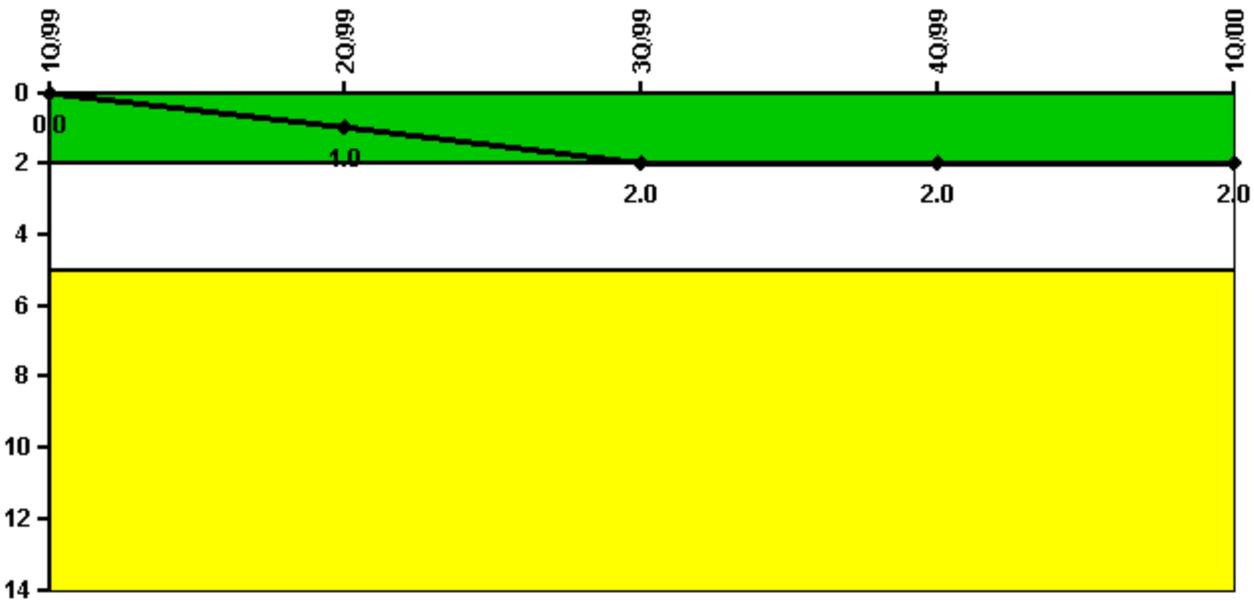
Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	329	330	327	436	324
Total sirens-tests	333	336	336	448	336
Indicator value	98.0%	98.4%	98.0%	97.9%	97.3%

Licensee Comments:

1Q/00: The siren results for November and December 1999 (4Q1999) were revised after the January 2000 historical data submittal. The revised data does not change the color for this indicator; it remains in the green band.

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



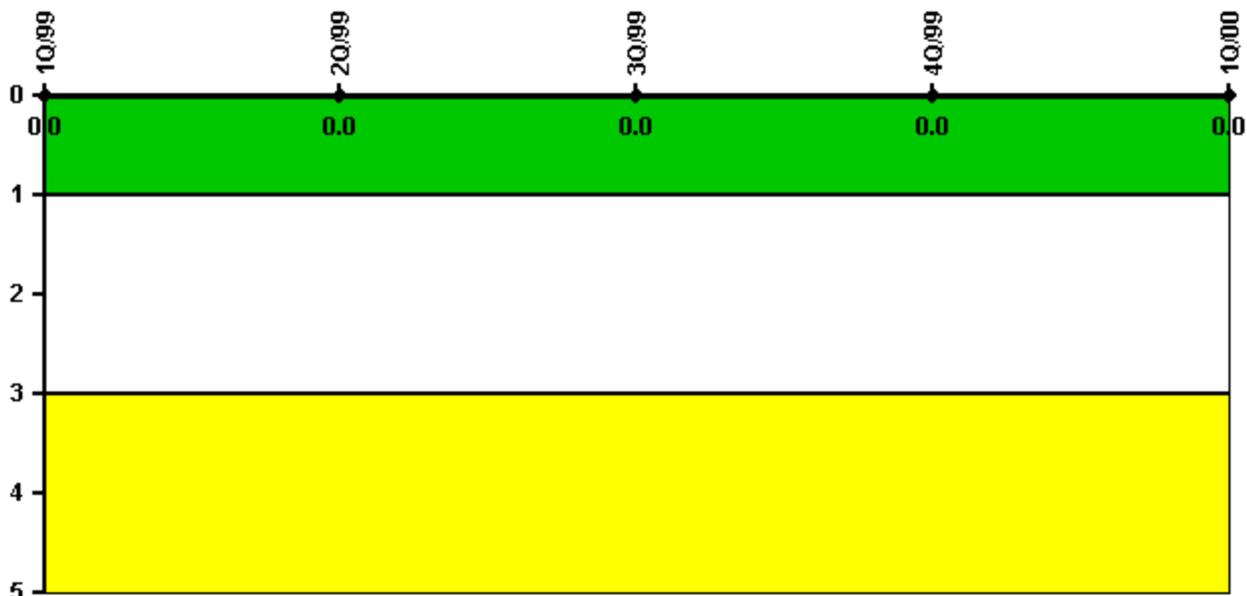
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

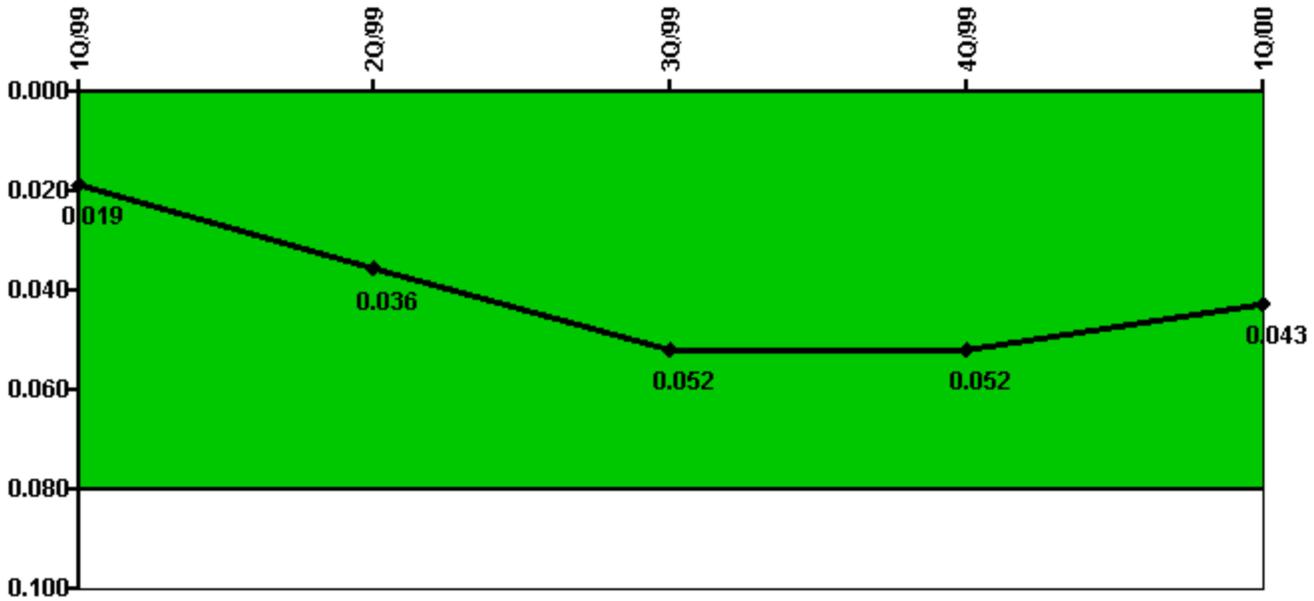
Notes

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

Licensee Comments:

1Q/00: Analysis results of effluents for 3/2000 were not available when this data was submitted because the results of laboratory analysis of 3/2000 samples will not be available until 5/2000. Weekly calculations completed through 3/31/2000 indicate cumulative doses for 1Q2000 were well below the specified values. The sample analysis results for 1Q2000 will be reflected in the July 2000 data submittal (for 1Q2000). The sample analysis results for 12/99 effluents were as reported in the January 2000 data submittal (for 4Q1999).

Protected Area Security Performance Index



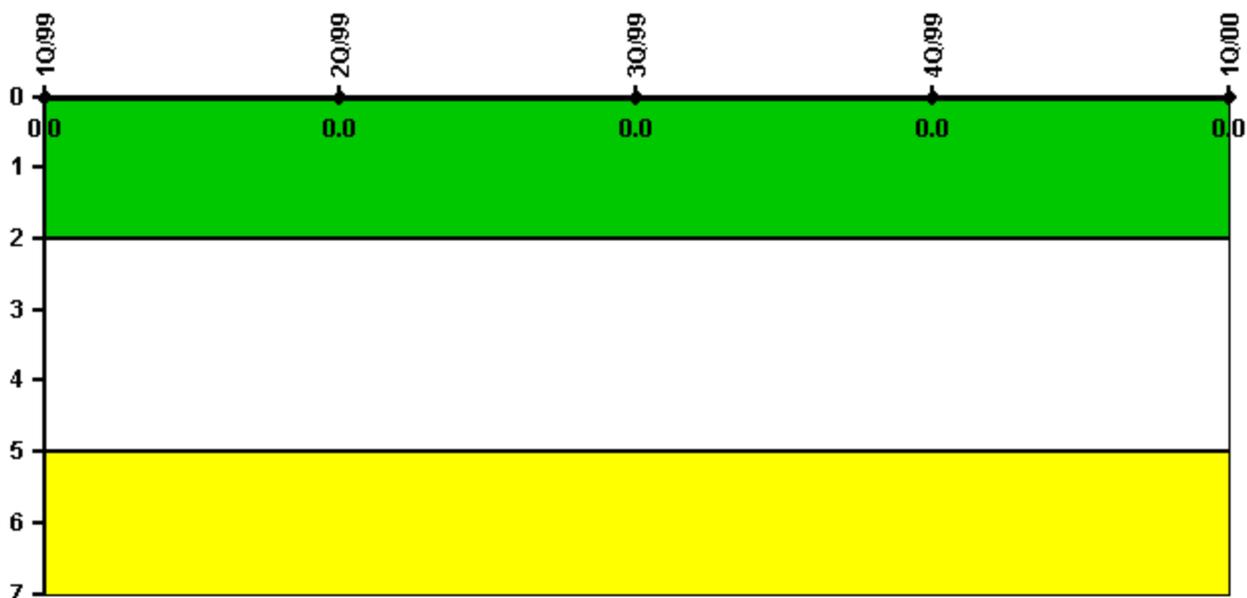
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	451.20	797.80	792.00	61.00	93.50
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	2.30	2.30	2.30	2.30	2.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.019	0.036	0.052	0.052	0.043

Licensee Comments: none

Personnel Screening Program



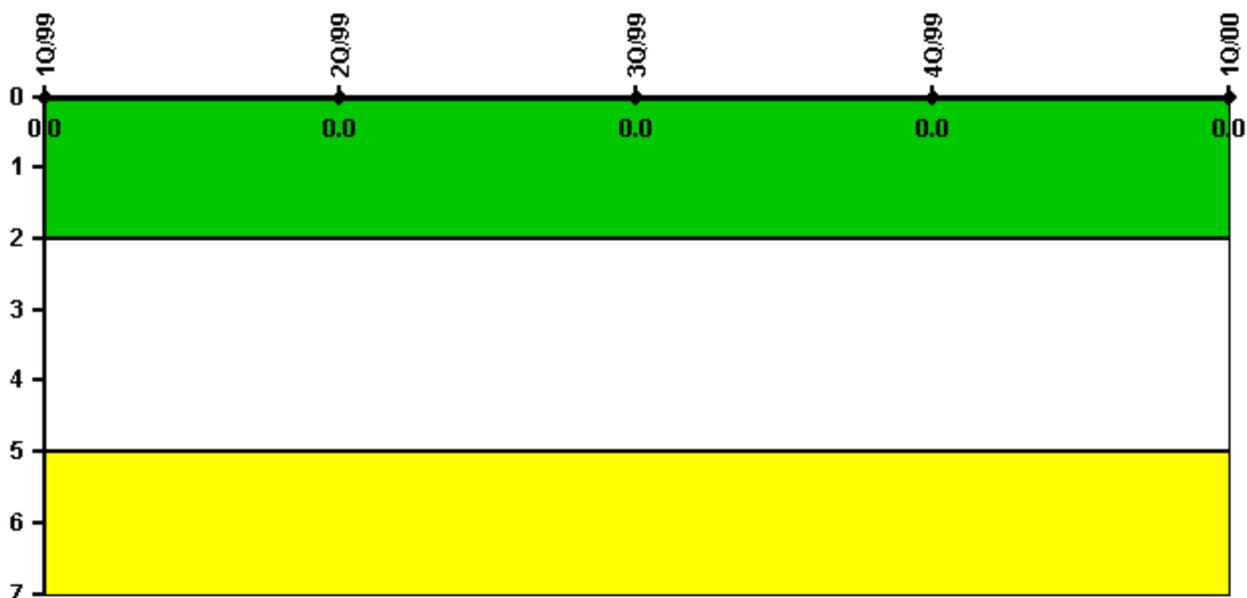
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments:

1Q/00: The data entry for 3Q1998 was revised (from 1 to zero) as part of the 1Q2000 data submittal. The revision does not change the PI color; the indicator remains in the green band.

3Q/98: The data was revised (from 1 to zero) as part of the PI data submittal for 2000-1Q.

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