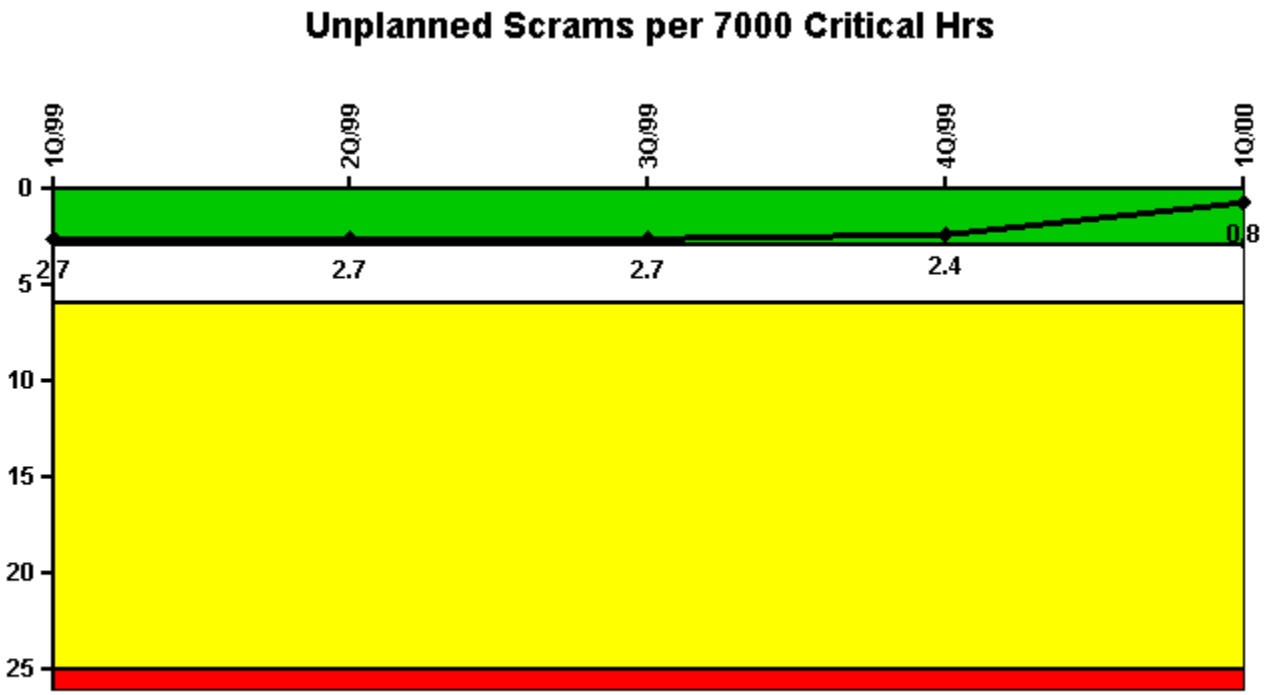
Harris 1

1Q/2000 Performance Indicators

Licensee's General Comments: none



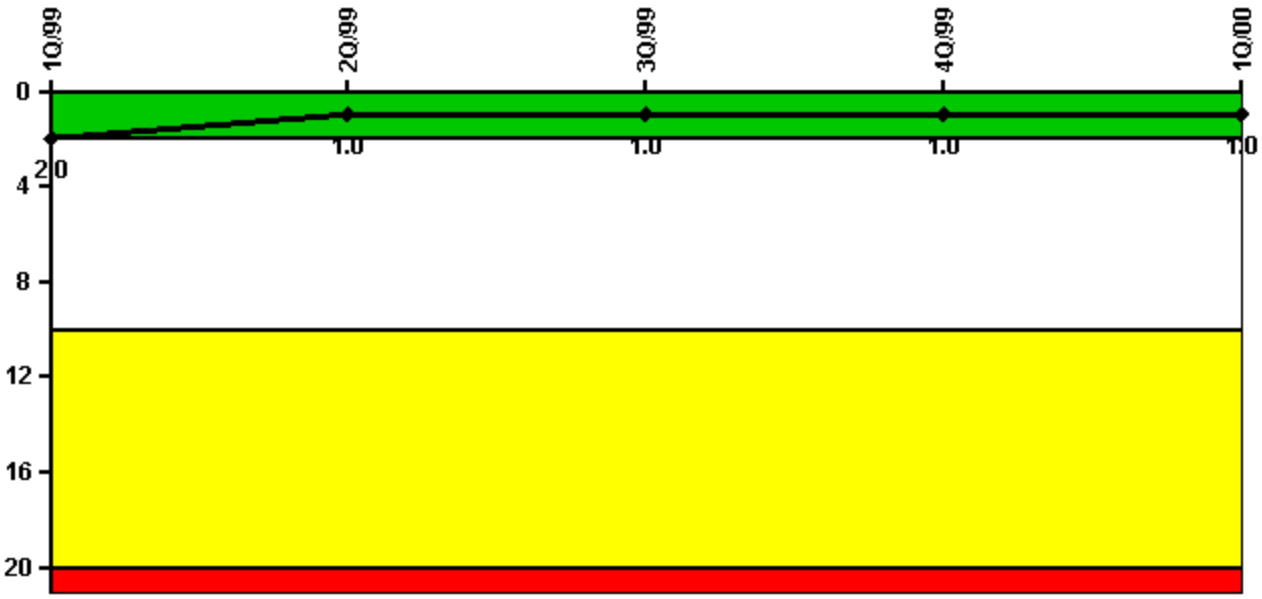
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	2.0	0	0	1.0	0
Critical hours	1998.6	2183.0	2208.0	2185.4	2184.0
Indicator value	**2.7**	**2.7**	**2.7**	**2.4**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

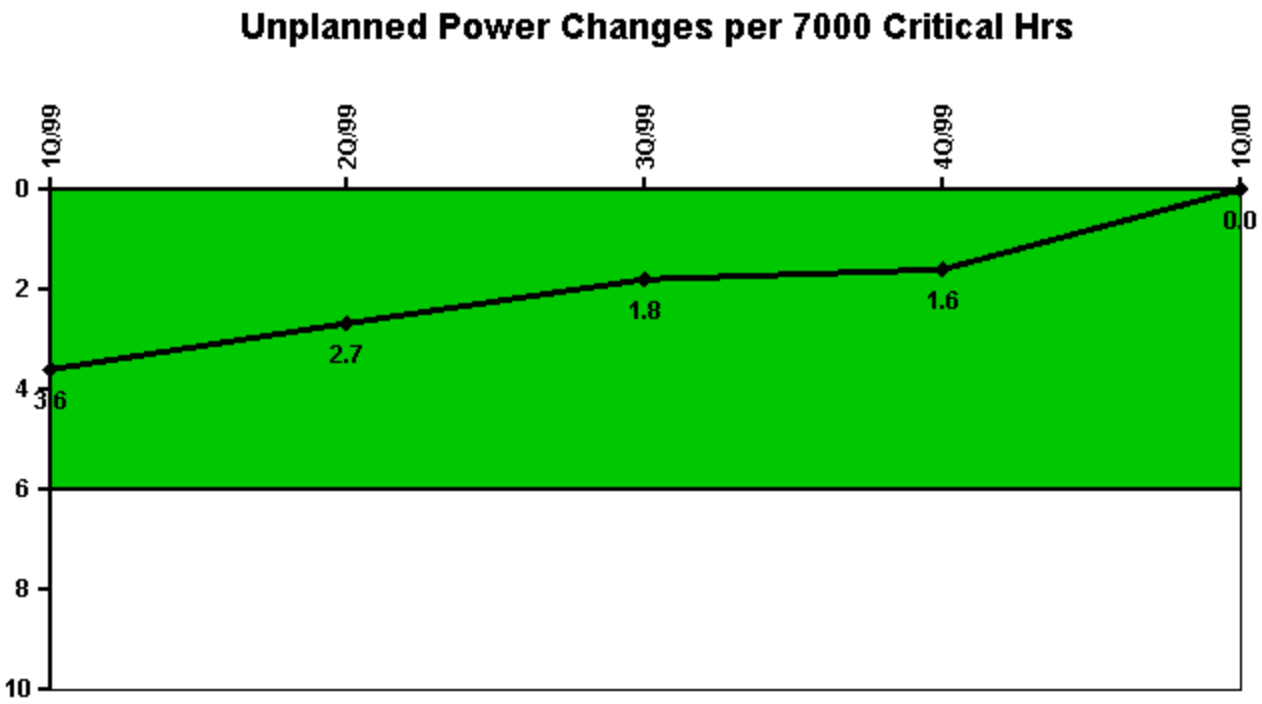


Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Scrams	0	0	0	0	0
Indicator value	**2.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none



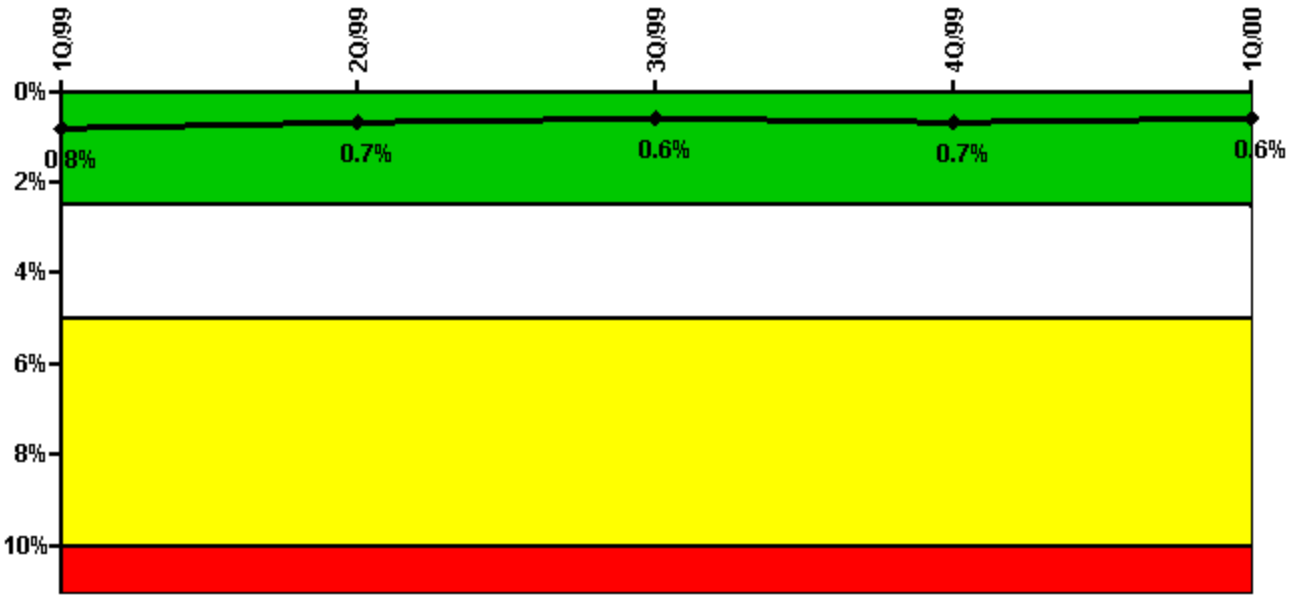
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	2.0	0	0	0	0
Critical hours	1998.6	2183.0	2208.0	2185.4	2184.0
Indicator value	**3.6**	**2.7**	**1.8**	**1.6**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



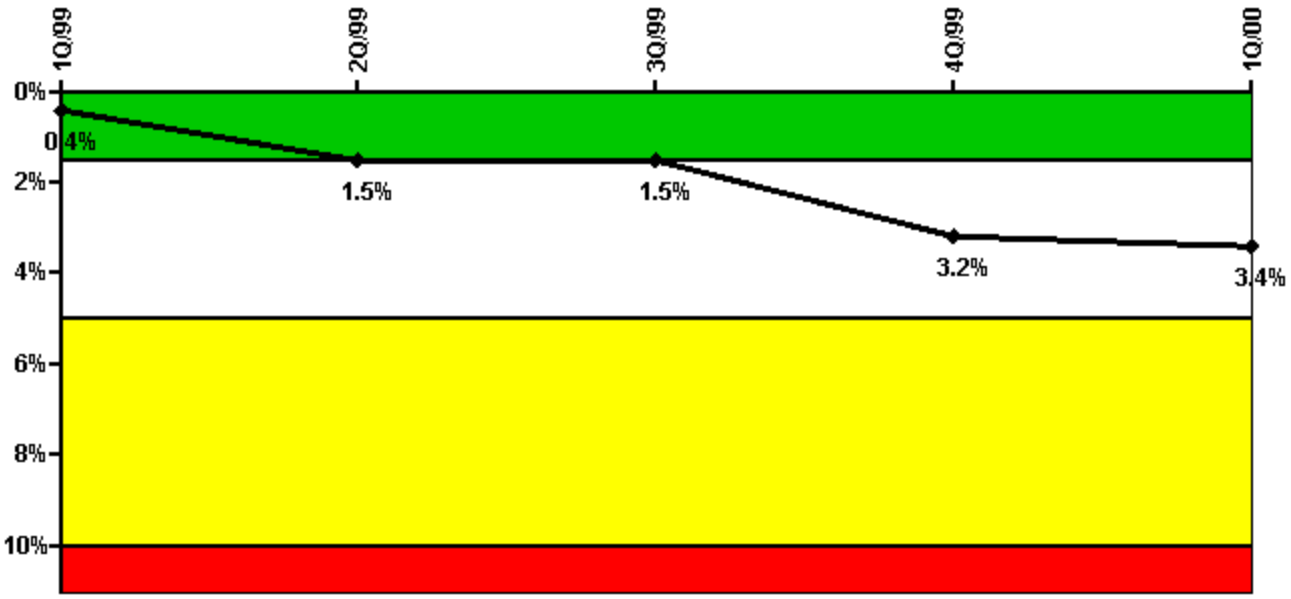
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	19.20	23.20	15.90	0	18.20
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	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	32.60	7.80	0	34.80	2.30
Unplanned unavailable hours	0.20	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	**0.8%**	**0.7%**	**0.6%**	**0.7%**	**0.6%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	31.50	22.40	11.57	5.22	1.18
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	485.93	0	842.84	0
Effective Reset hours	0	0	0	0	0
Required hours	1998.60	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	38.70	1.00	12.20	6.80	7.98
Unplanned unavailable hours	0	0	5.50	0	0.77
Fault exposure hours	0	0	0	0	97.05
Effective Reset hours	0	0	0	0	0
Required hours	1998.60	2183.00	2208.00	2209.00	2184.00
Indicator value	**0.4%**	**1.5%**	**1.5%**	**3.2%**	**3.4%**

Licensee Comments:

1Q/00: Q1/2000 Data revised due to the discovery of internal pump damage on the replacement pump being used to substitute for the normal CSIP on B train. Revised on 10/20/00***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for B CSIP during Q1/2000 are being counted as Unplanned Unavailable. Revised 04/21/01 after final detemination was reached on the appropriate way to account for bearing failure.***Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

1Q/00: Q1/2000 Data revised due to the discovery of internal pump damage on the replacement pump being used to substitute for the normal CSIP on B train. Revised on 10/20/00

4Q/99: High Pressure Injection unavailability data revised for 4th quarter 1998 and 1st and 2nd quarters 1999 based on recent data validation. There was no resulting change in indicator values, and no thresholds were impacted. Additional historical data corrections are being investigated and will be reported as appropriate in future submittals. High Pressure Injection unavailability data through 4th quarter 1999 was determined

based on NEI 99-02 Draft Rev. B guidance. *** Q4/1999 Data revised 10/20/00 due to discovery of replacement pump internal damage which has been determined to have been in service for the normal pump while damaged for a significant portion of Nov. and Dec. 1999

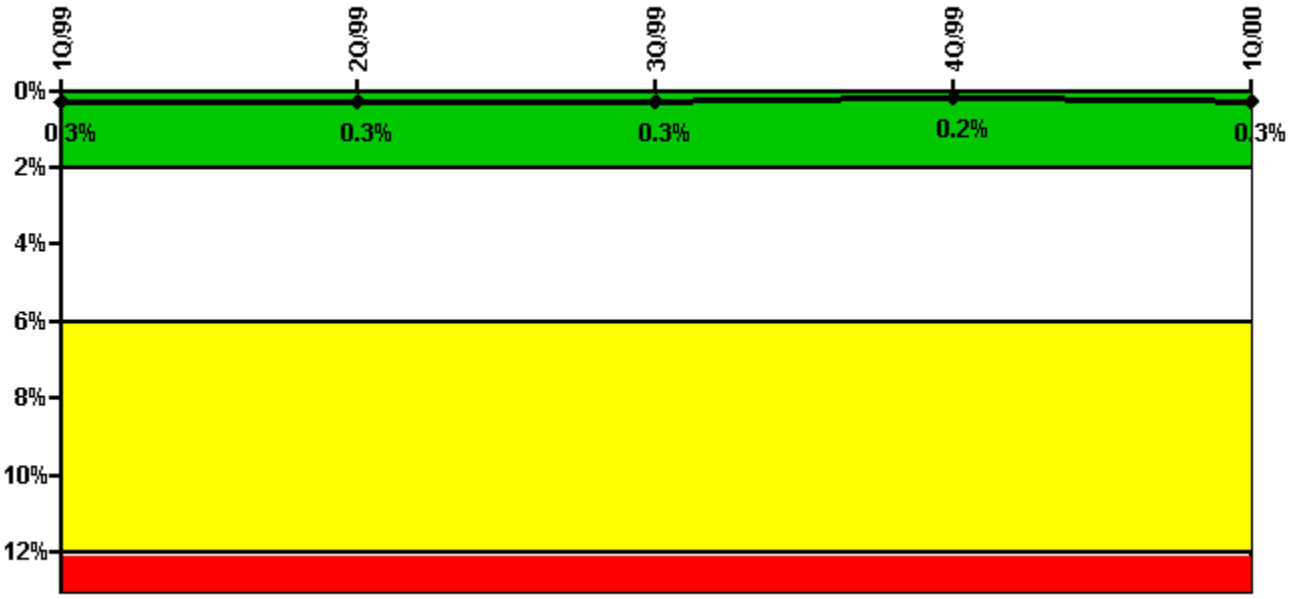
4Q/99: High Pressure Injection unavailability data revised for 4th quarter 1998 and 1st and 2nd quarters 1999 based on recent data validation. There was no resulting change in indicator values, and no thresholds were impacted. Additional historical data corrections are being investigated and will be reported as appropriate in future submittals. High Pressure Injection unavailability data through 4th quarter 1999 was determined based on NEI 99-02 Draft Rev. B guidance. *** Q4/1999 Data revised 10/20/00 due to discovery of replacement pump internal damage which has been determined to have been in service for the normal pump while damaged for a significant portion of Nov. and Dec. 1999***On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Unplanned Unavailable. Revised 04/21/01 after final detemination was reached on the appropriate way to account for bearing failure. Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

3Q/99: Corrected for additional 5.87hrs of planned unavailability for 9/22/99 for AH9A breaker being open. (4/21/01)

2Q/99: On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Unplanned Unavailable. Revised 04/21/01 after final detemination was reached on the appropriate way to account for bearing failure. Revised for Q2/2001 submittal to make all C CSIP unplanned unavailable hours fault exposure hours after thorough review with NRC and NEI over fault exposure definition. No impact on indicator color due to this change.

2Q/99: On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Since C CSIP only served as a replacement for A CSIP some of the time during this period the rules for reporting are unclear. Therefore, all hours that the C CSIP was in service for A CSIP are being counted as Fault Exposure Time instead of half until a response can be obtained on a more correct way to determine Fault Exposure Time for this unique situation. Revised 10/20/00

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

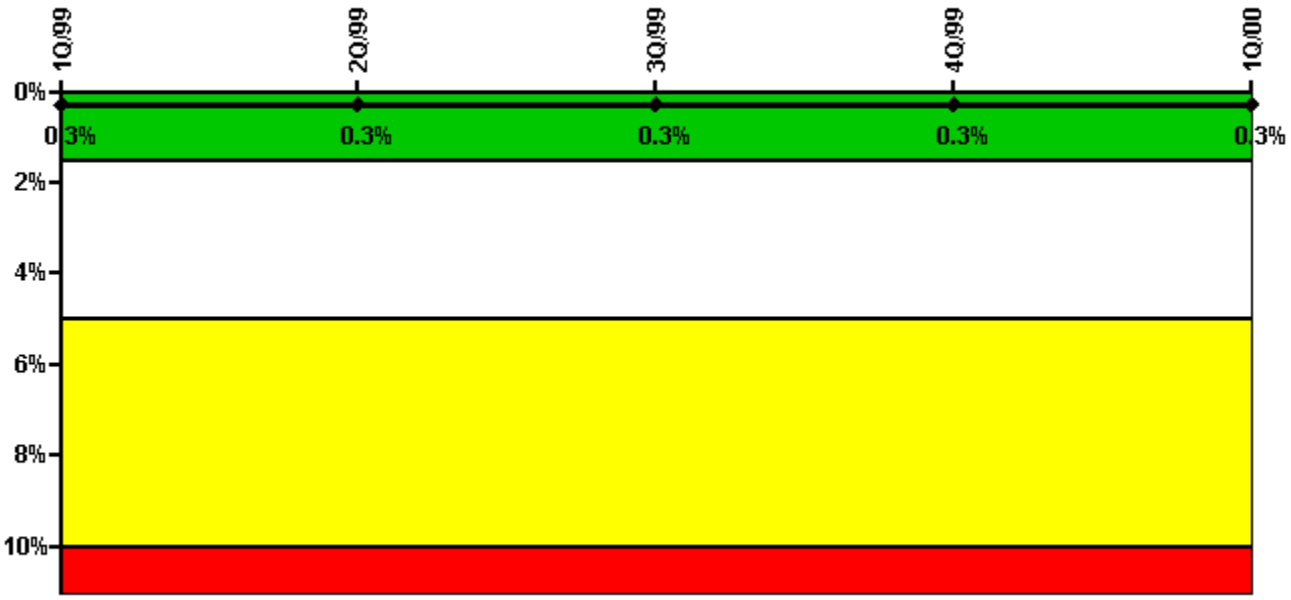
Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	1.05	0	0

Unplanned unavailable hours	12.20	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1998.60	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	9.60	4.50	0	0	6.25
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	1998.60	2183.00	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	0	8.80	2.70	0	12.09
Unplanned unavailable hours	0	0	0	0	6.52
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1998.60	2183.00	2208.00	2209.00	2184.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.3%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



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

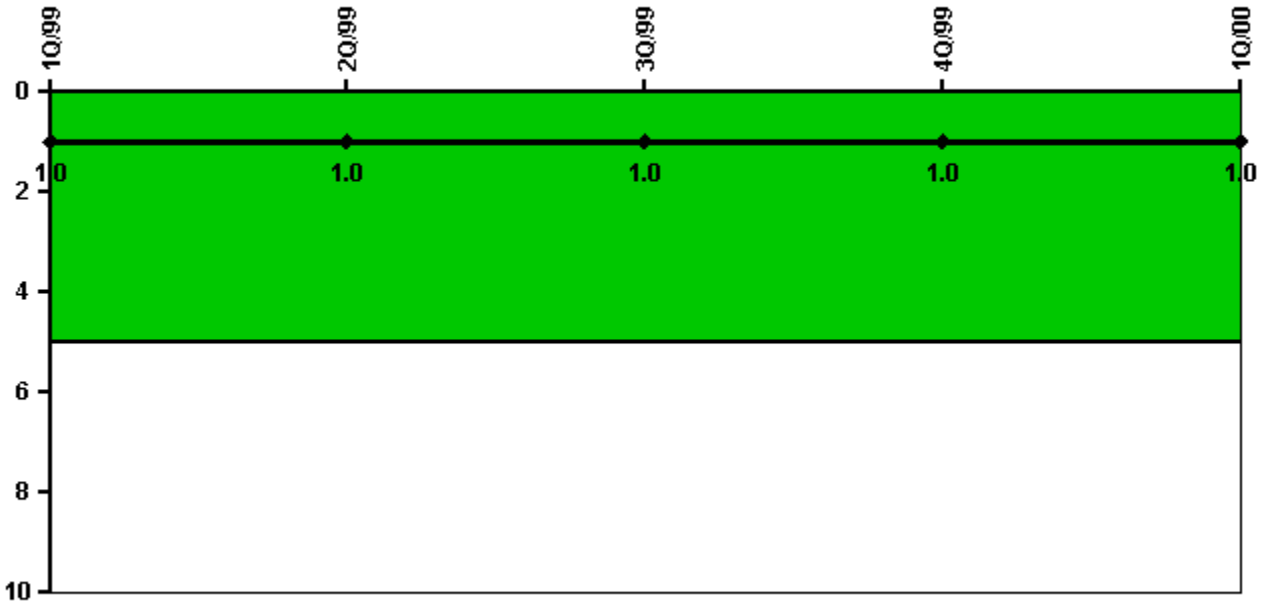
Notes

Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					

Planned unavailable hours	0	0	1.80	0	2.30
Unplanned unavailable hours	11.80	17.80	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	11.00	1.40	0	5.50	0
Unplanned unavailable hours	0	0	2.00	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Functional Failures (PWR)



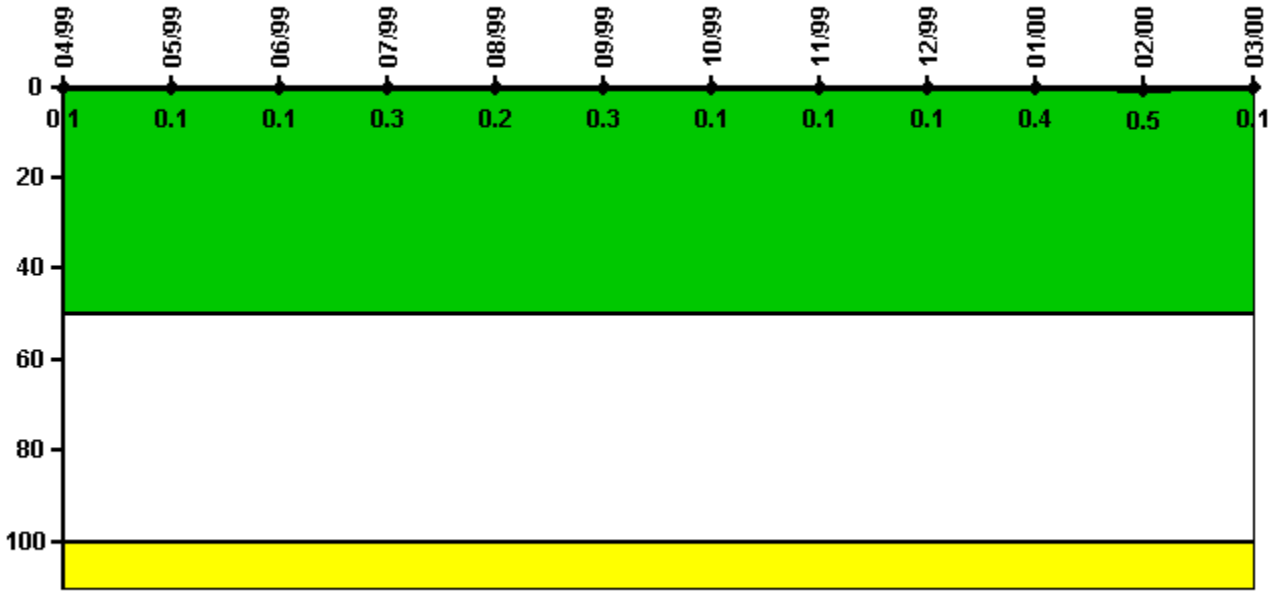
Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



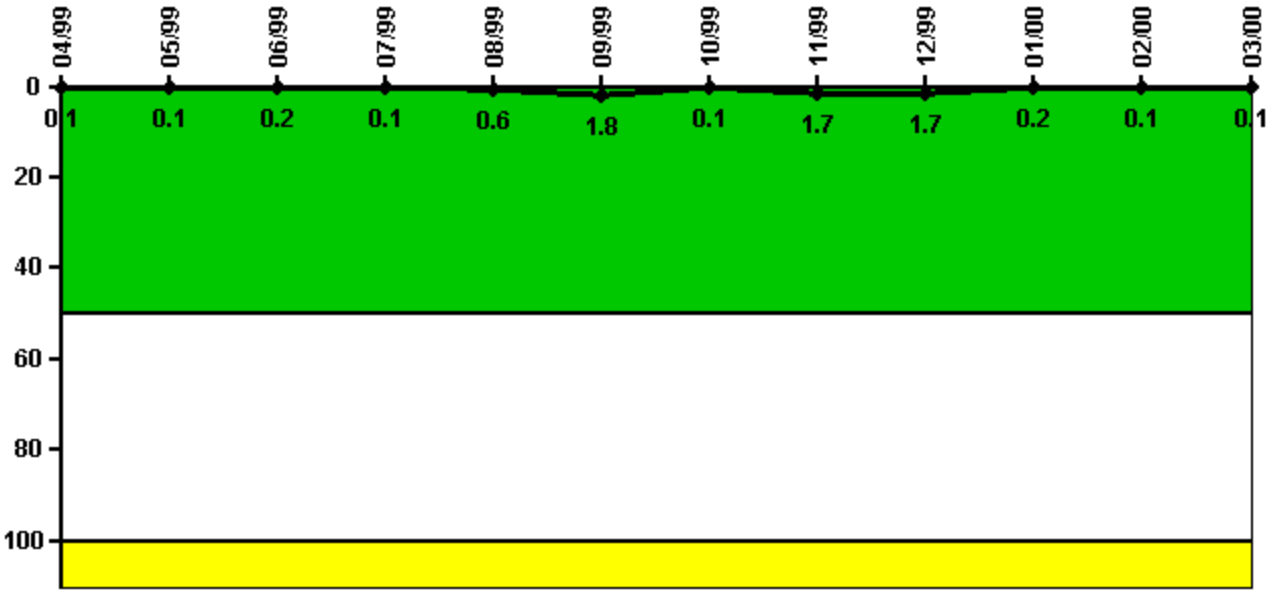
Thresholds: White > 50.0 Yellow > 100.0

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	0.001164	0.000900	0.000900	0.002900	0.002140	0.002560	0.001046	0.001041	0.001084	0.003602	0.004650	0.001196
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.3**	**0.2**	**0.3**	**0.1**	**0.1**	**0.1**	**0.4**	**0.5**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage



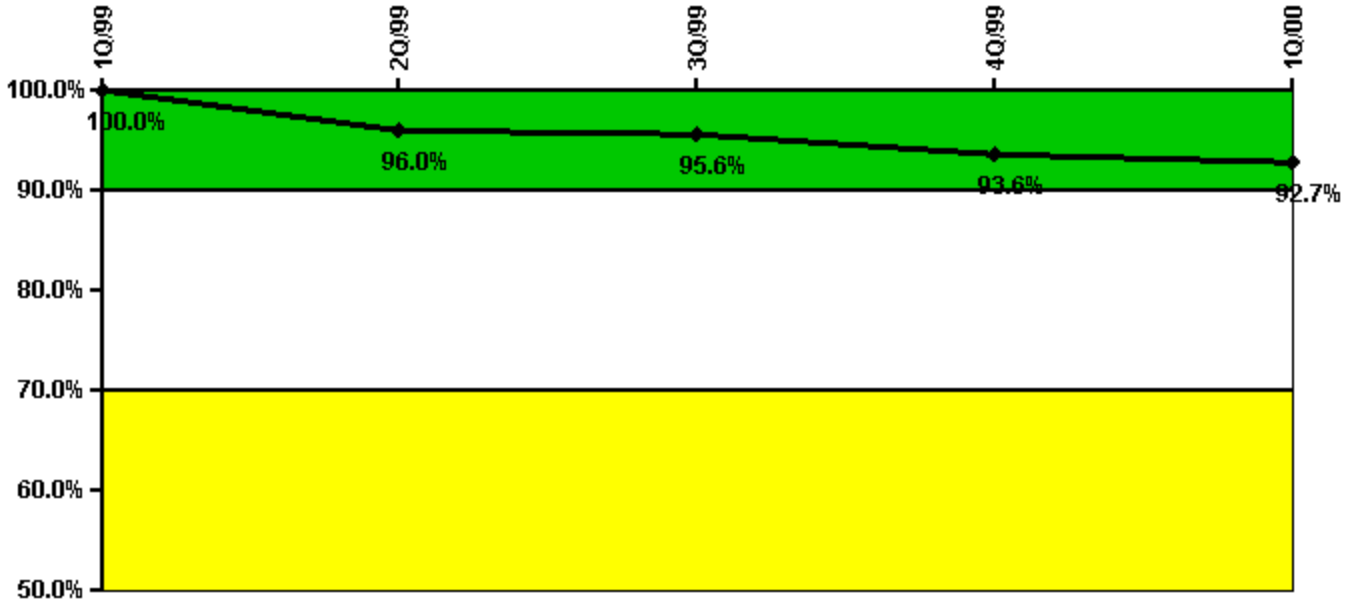
Thresholds: White > 50.0 Yellow > 100.0

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	0.010	0.010	0.020	0.010	0.060	0.180	0.010	0.170	0.170	0.020	0.010	0.010
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.1**	**0.1**	**0.2**	**0.1**	**0.6**	**1.8**	**0.1**	**1.7**	**1.7**	**0.2**	**0.1**	**0.1**

Licensee Comments: none

Drill/Exercise Performance



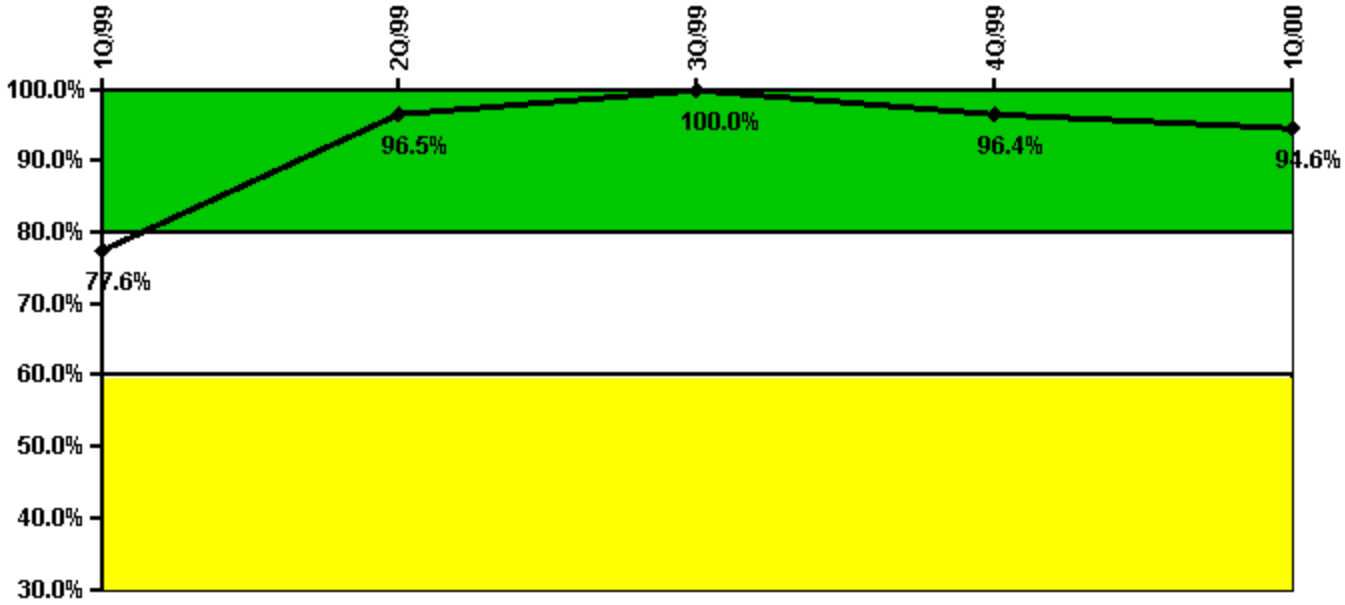
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	4.0	83.0	17.0	52.0	43.0
Total opportunities	4.0	88.0	17.0	58.0	48.0
Indicator value	**100.0%**	**96.0%**	**95.6%**	**93.6%**	**92.7%**

Licensee Comments: none

ERO Drill Participation



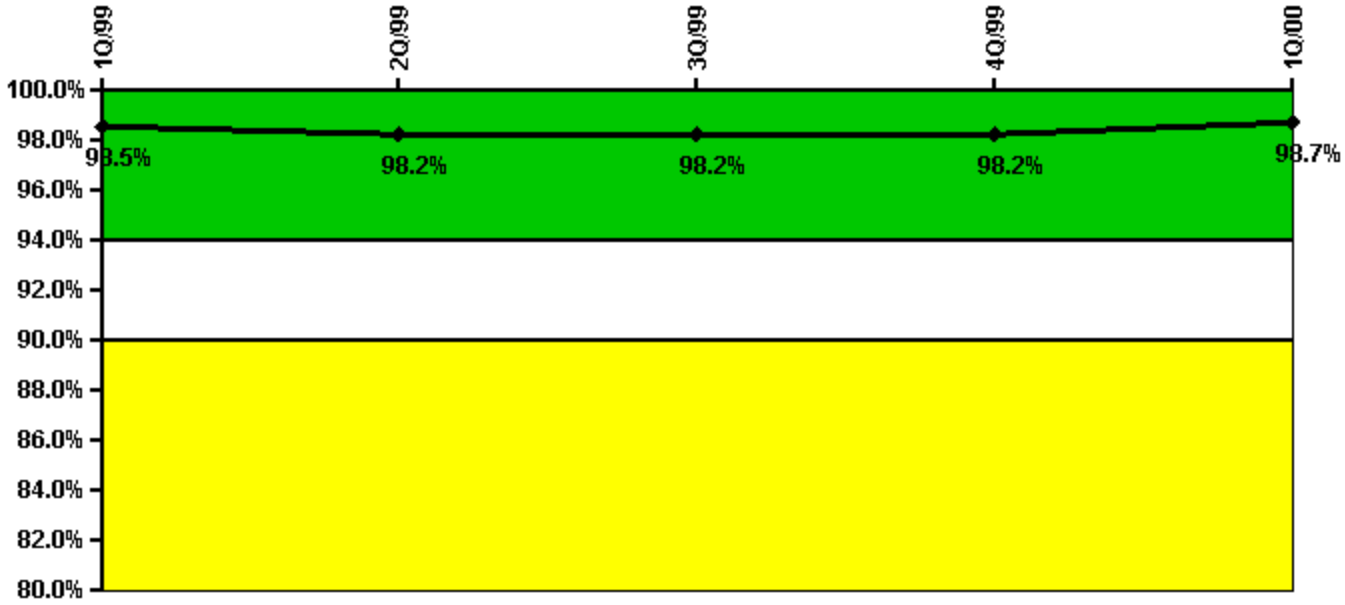
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	90.0	111.0	121.0	54.0	53.0
Total Key personnel	116.0	115.0	121.0	56.0	56.0
Indicator value	**77.6%**	**96.5%**	**100.0%**	**96.4%**	**94.6%**

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

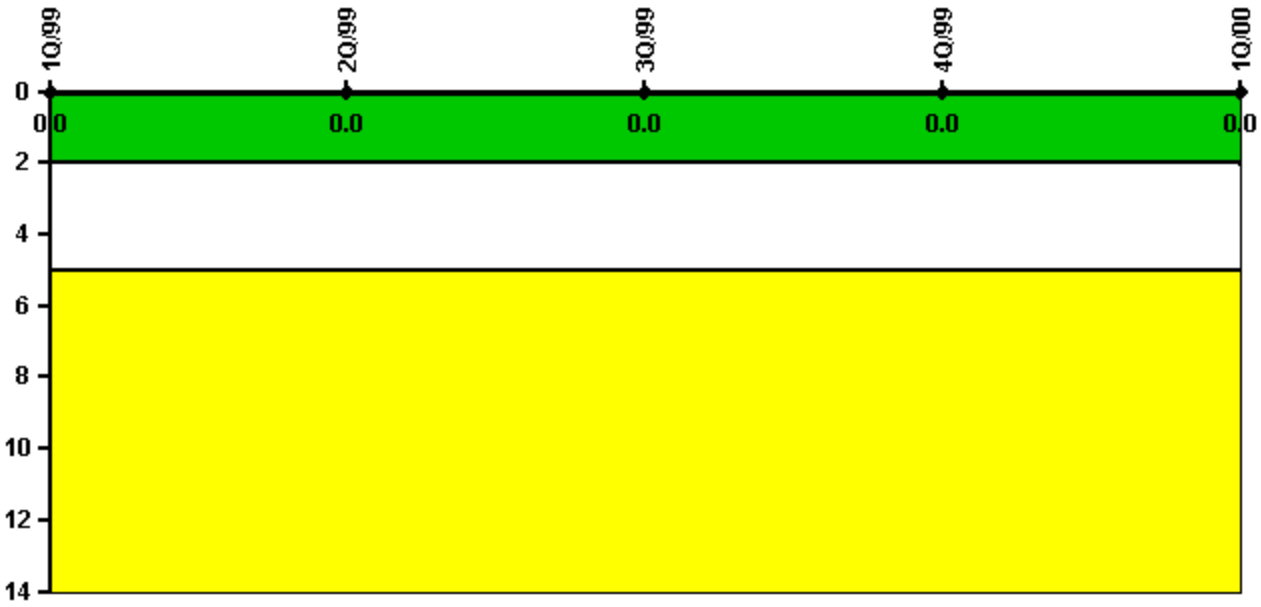
Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	633	558	719	477	645
Total sirens-tests	648	567	729	486	648
Indicator value	**98.5%**	**98.2%**	**98.2%**	**98.2%**	**98.7%**

Licensee Comments:

1Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

Occupational Exposure Control Effectiveness



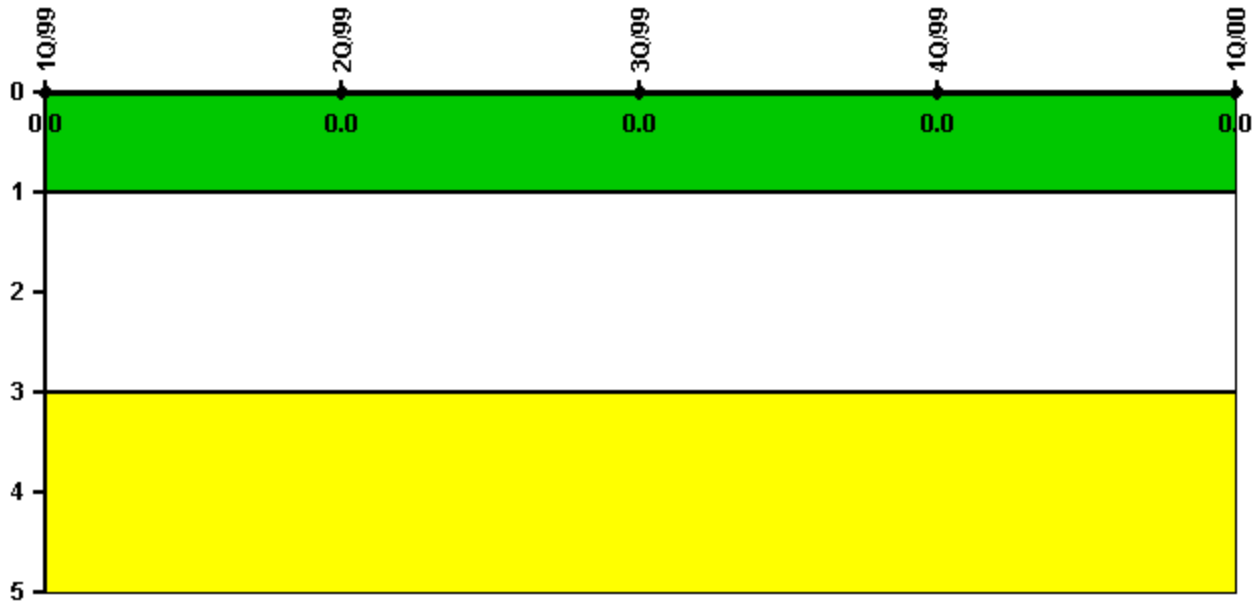
Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent



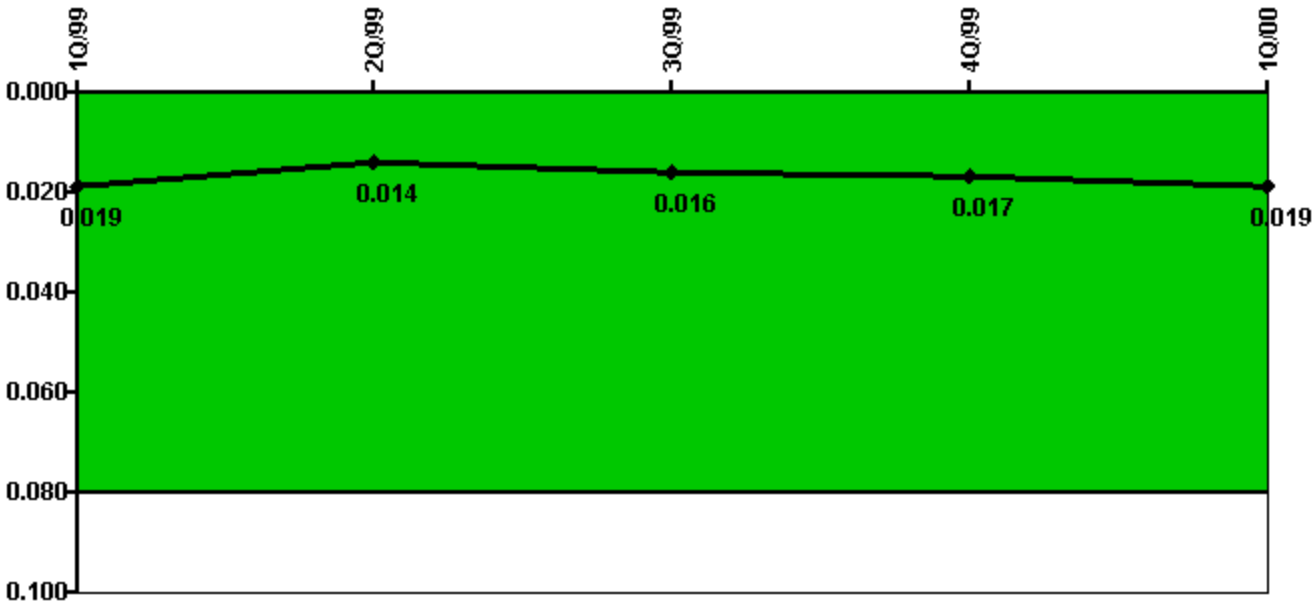
Thresholds: White > 1.0 Yellow > 3.0

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: none

Protected Area Security Performance Index



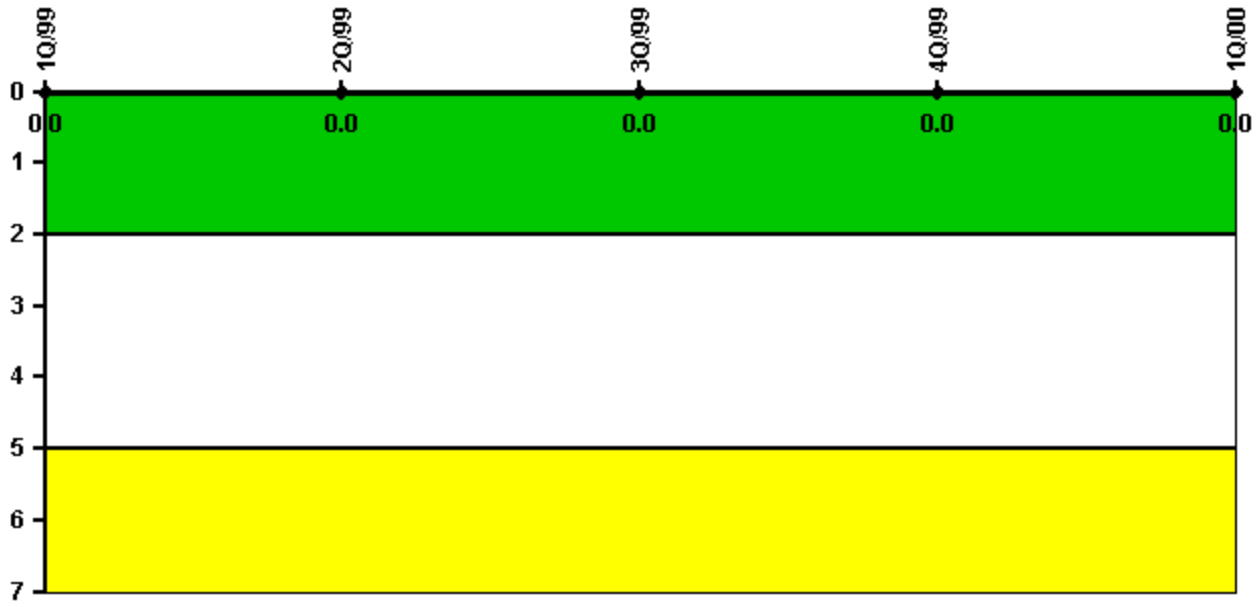
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	149.20	11.50	348.30	129.20	264.20
CCTV compensatory hours	0	0.8	100.2	0	0
IDS normalization factor	2.85	2.85	2.85	2.85	2.85
CCTV normalization factor	1.4	1.4	1.4	1.4	1.4
Index Value	**0.019**	**0.014**	**0.016**	**0.017**	**0.019**

Licensee Comments: none

Personnel Screening Program



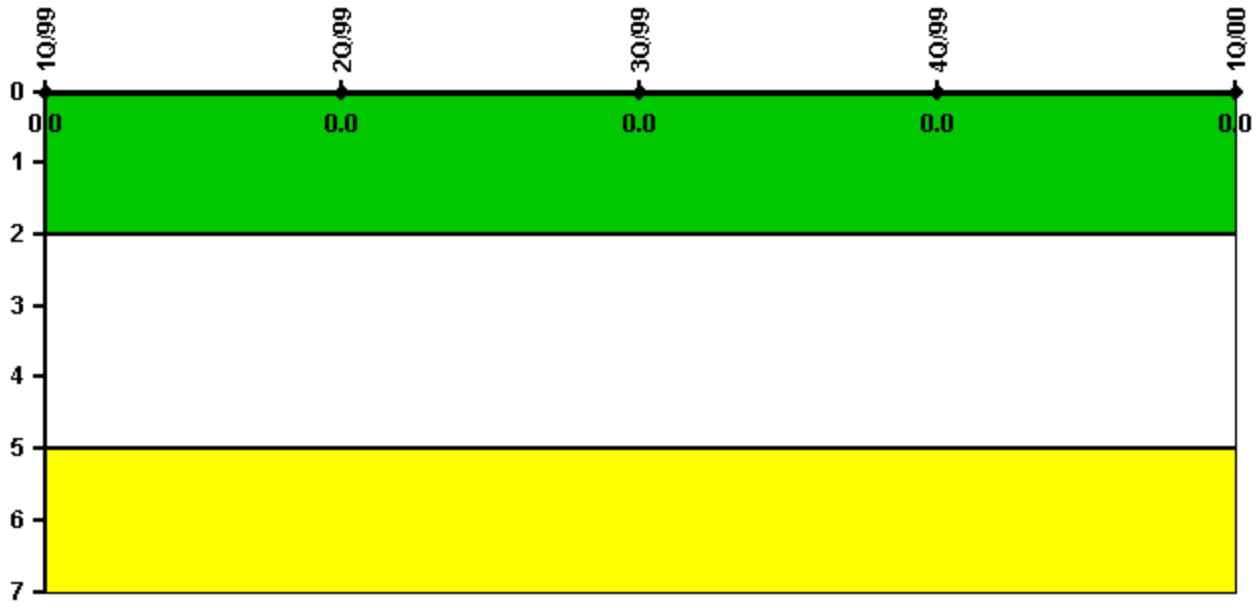
Thresholds: White > 2.0 Yellow > 5.0

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: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 1, 2002