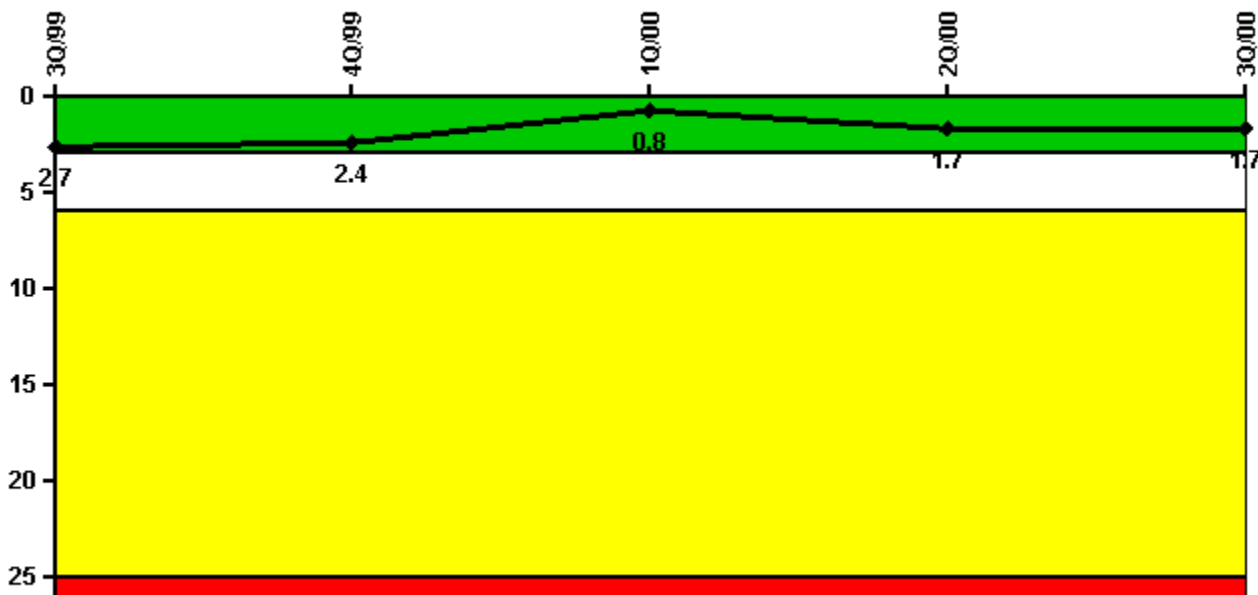


### Harris 1

#### 3Q/2000 Performance Indicators

Licensee's General Comments: (1)Moved SSFF reported Q3/2000 to Q4/2000 when LER was submitted. Change does not affect PI color.

#### Unplanned Scrams per 7000 Critical Hrs



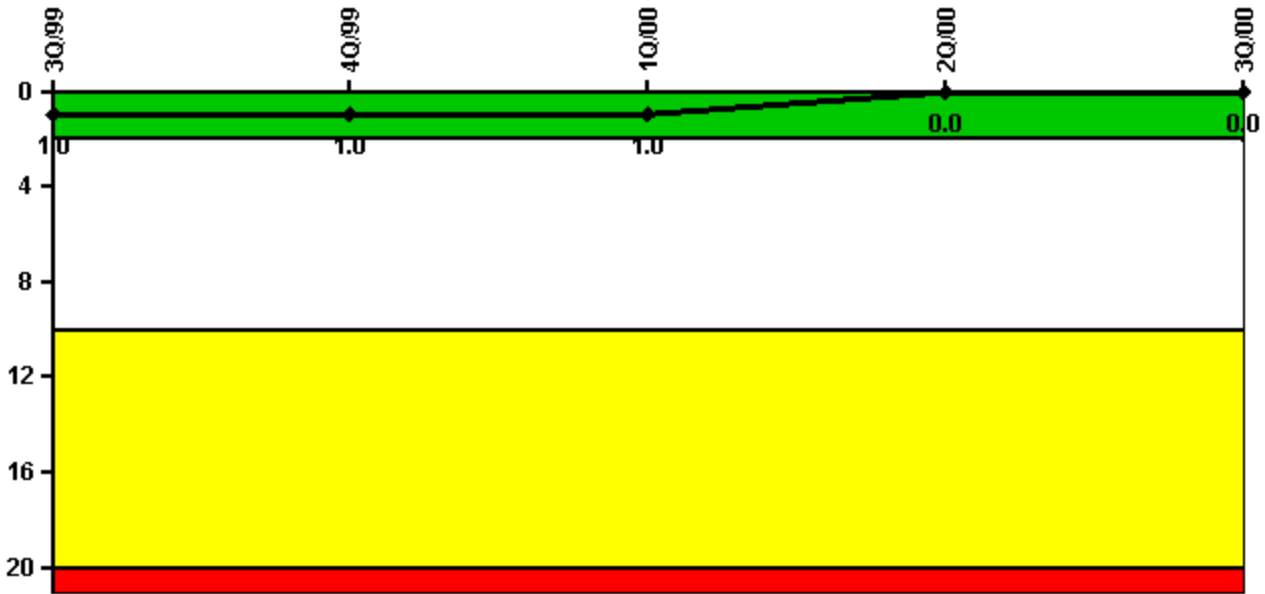
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	0	1.0	0	1.0	0
Critical hours	2208.0	2185.4	2184.0	1526.7	2208.0
<b>Indicator value</b>	<b>2.7</b>	<b>2.4</b>	<b>0.8</b>	<b>1.7</b>	<b>1.7</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



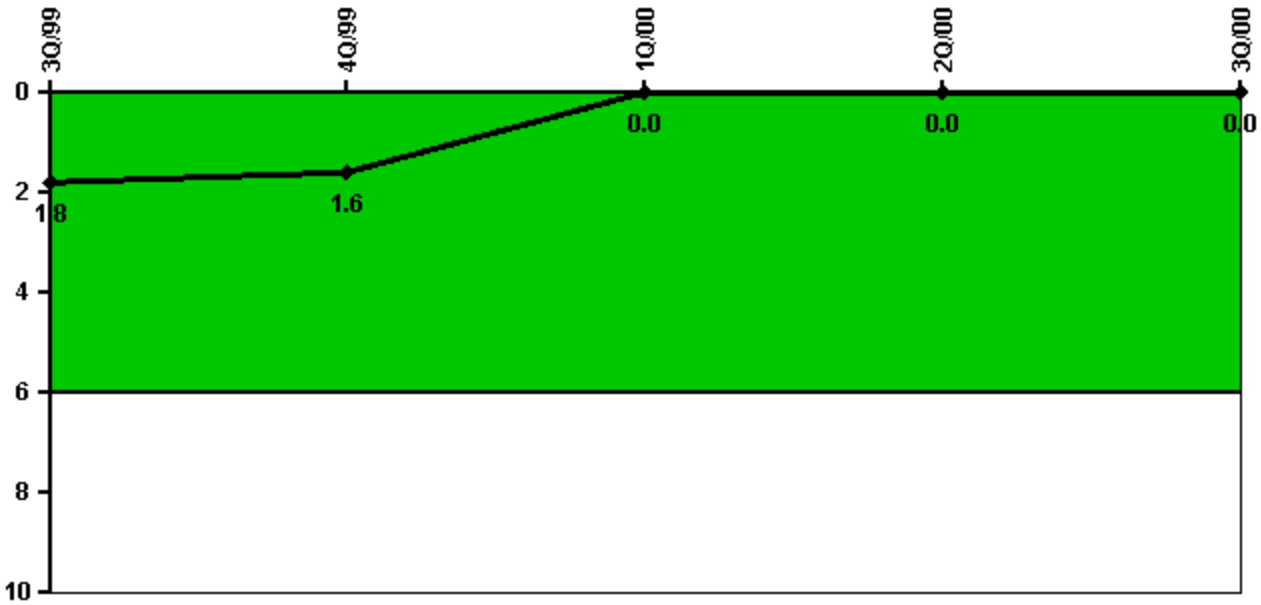
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



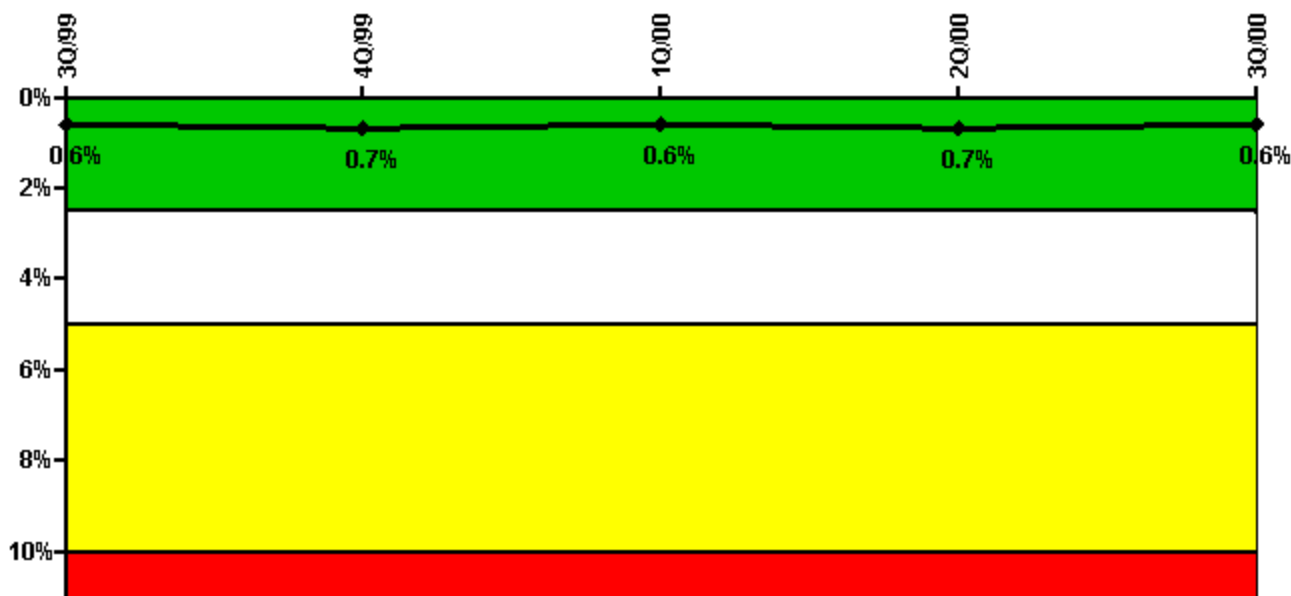
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	2208.0	2185.4	2184.0	1526.7	2208.0
<b>Indicator value</b>	<b>1.8</b>	<b>1.6</b>	<b>0</b>	<b>0</b>	<b>0</b>

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



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

#### Notes

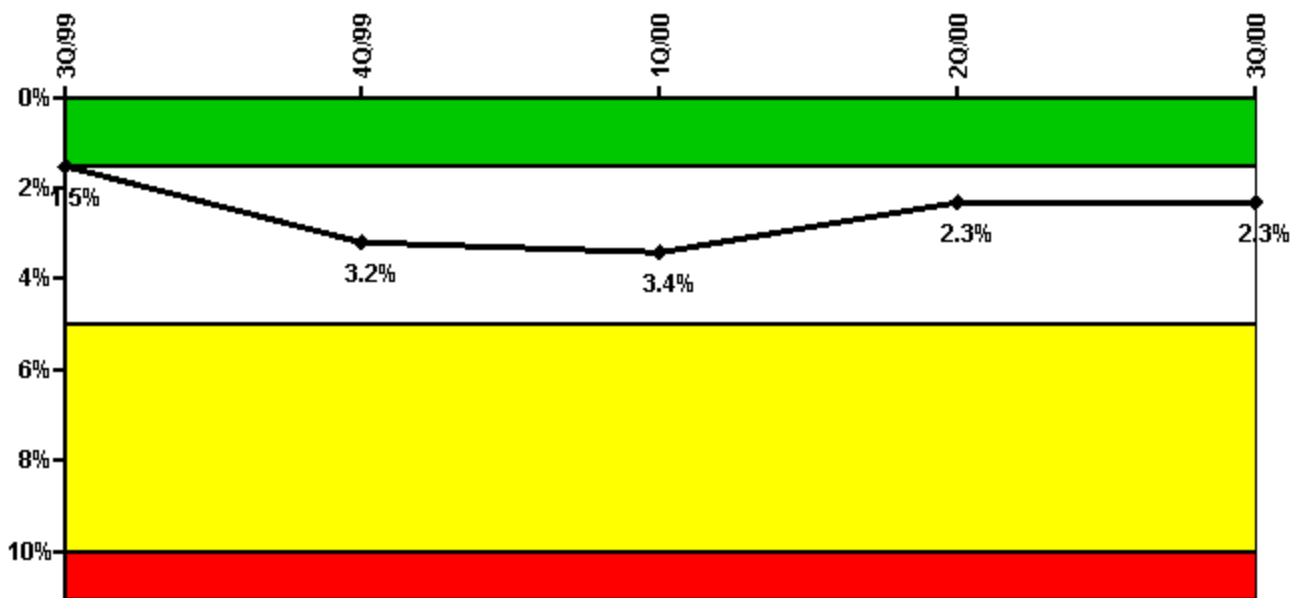
Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
<b>Train 1</b>					
Planned unavailable hours	15.90	0	18.20	2.20	19.85
Unplanned unavailable hours	0	0	0	2.00	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1881.50	2208.00
<b>Train 2</b>					
Planned unavailable hours	0	34.80	2.30	28.50	7.84
Unplanned unavailable hours	0	0	0	2.80	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1942.80	2208.00
<b>Indicator value</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.6%</b>

#### Licensee Comments:

3Q/00: Corrected September Train 2 planned data to show additional .01 that was previously dropped due to a rounding error. No impact on color.

2Q/00: Corrected May Train 1 planned and unplanned data to reflect revised support system data. No change to indicator color. Corrected April Train 2 unplanned data to reflect revision of support system data.

### 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)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
<b>Train 1</b>					
Planned unavailable hours	11.57	5.22	1.18	0.45	7.03
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	842.84	0	0	0
Effective Reset hours	0	0	0	485.93	0
Required hours	2208.00	2209.00	2184.00	1832.00	2208.00
<b>Train 2</b>					
Planned unavailable hours	12.20	6.80	7.98	0.25	4.75
Unplanned unavailable hours	5.50	0	0.77	0	0
Fault exposure hours	0	0	97.05	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1832.00	2208.00
<b>Indicator value</b>	<b>1.5%</b>	<b>3.2%</b>	<b>3.4%</b>	<b>2.3%</b>	<b>2.3%</b>

Licensee Comments:

3Q/00: This PI has changed substantially due to a revision to Q2/1999, Q4/1999, and Q1/2000 data. The changes were done as a result of the discovery of internal damage to the substitute pump that had been used in place of the normal pumps for each train for some portion of each of these quarters. Reference: HNP LER # 2000-007 rev. 0

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 determination 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\*\*\*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 determination 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.

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

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

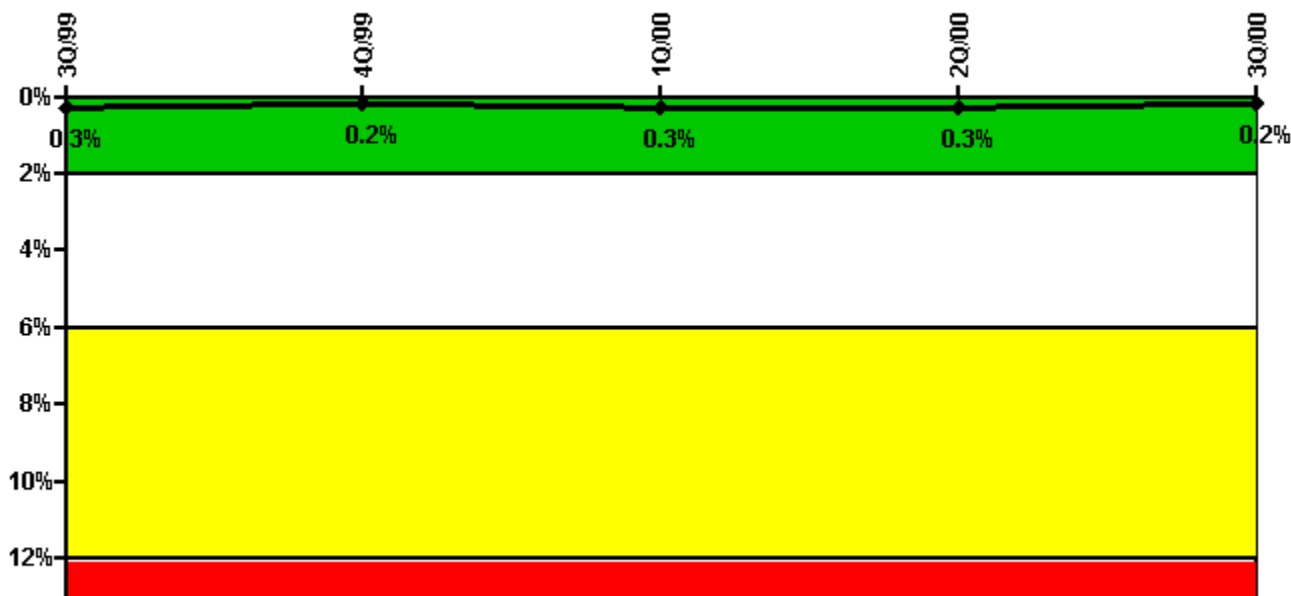
2Q/99: On September 4th, 2000 it was determined that C CSIP had experienced bearing damage sometime since May 1999. Since C CSIP only served as a replacement for A CSIP some of the time during this period the rules for reporting are unclear. Therefore, all hours that the C CSIP was in service for A CSIP 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

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 determination 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.

Effective Reset Comments:

2Q/00: Criteria has been met for reset of FE hours.

### Safety System Unavailability, Heat Removal System (AFW)



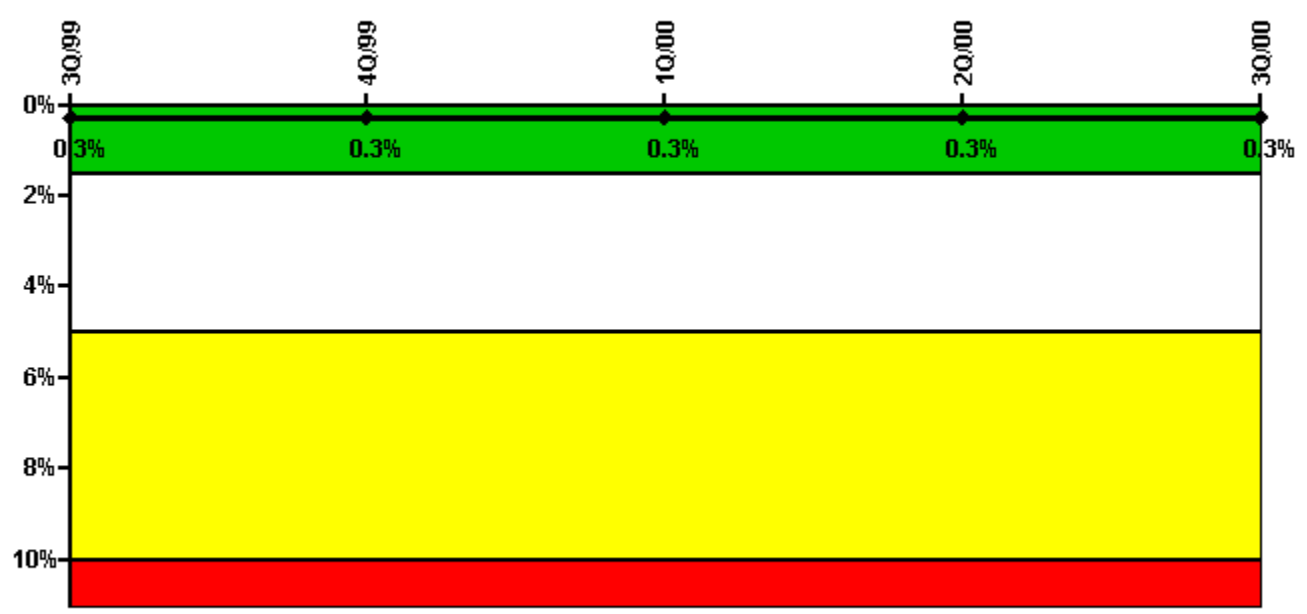
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
<b>Train 1</b>					
Planned unavailable hours	1.05	0	0	9.00	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	2208.00	2209.00	2184.00	1589.88	2208.00
<b>Train 2</b>					
Planned unavailable hours	0	0	6.25	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	2208.00	2209.00	2184.00	1589.88	2208.00
<b>Train 3</b>					
Planned unavailable hours	2.70	0	12.09	8.25	10.92
Unplanned unavailable hours	0	0	6.52	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	1589.88	2208.00
<b>Indicator value</b>	<b>0.3%</b>	<b>0.2%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.2%</b>

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



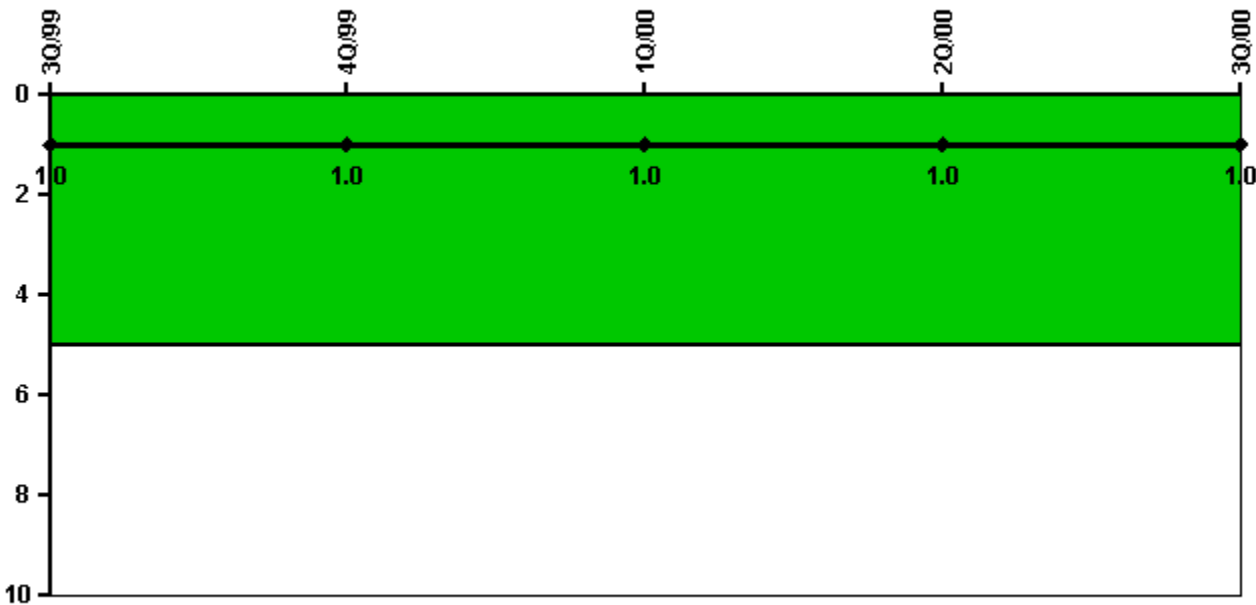
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
<b>Train 1</b>					
Planned unavailable hours	1.80	0	2.30	0	10.50
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	2209.00	2184.00	2035.00	2208.00
<b>Train 2</b>					
Planned unavailable hours	0	5.50	0	3.70	0
Unplanned unavailable hours	2.00	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2035.00	2208.00
<b>Indicator value</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.3%</b>

Licensee Comments: none

**Safety System Functional Failures (PWR)**



Thresholds: White > 5.0

Notes

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



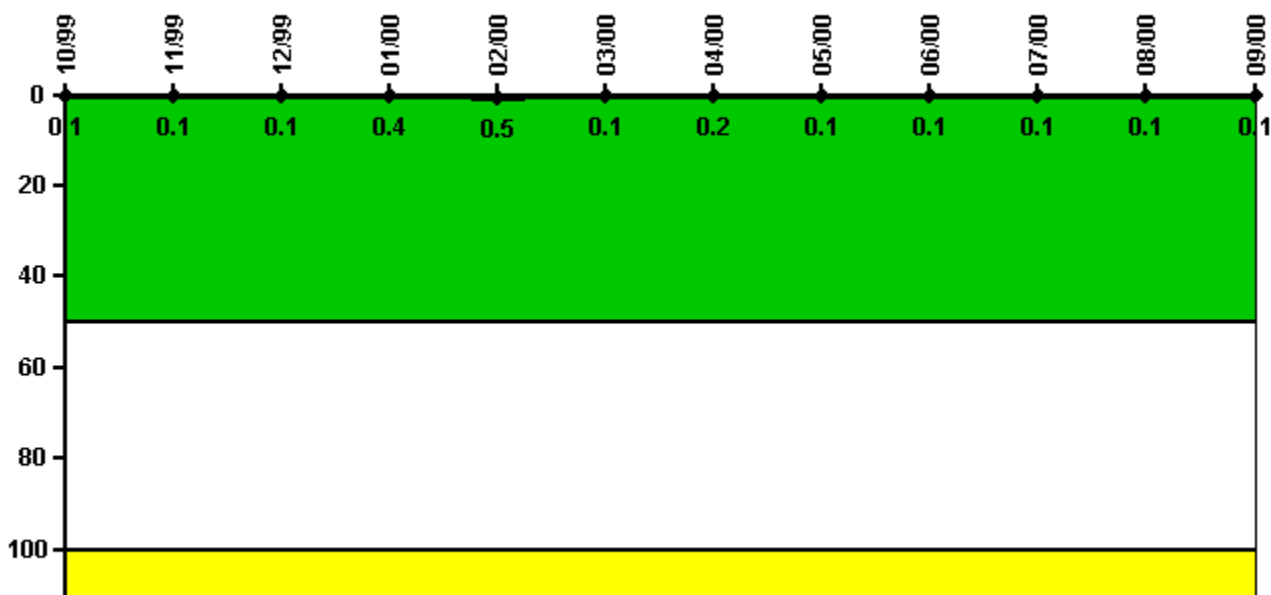
Indicator value	1	1	1	1	1
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Licensee Comments:

3Q/00: SSFF was reported in wrong Qtr. Moved to 4th Qtr (Oct.) when LER was submitted to document failure.

3Q/00: Functional failure discovered for C CSIP. C CSIP is a standby pump and is in service only intermittently for A or B Train. Ref. LER # 2000-007 rev. 0.

### Reactor Coolant System Activity



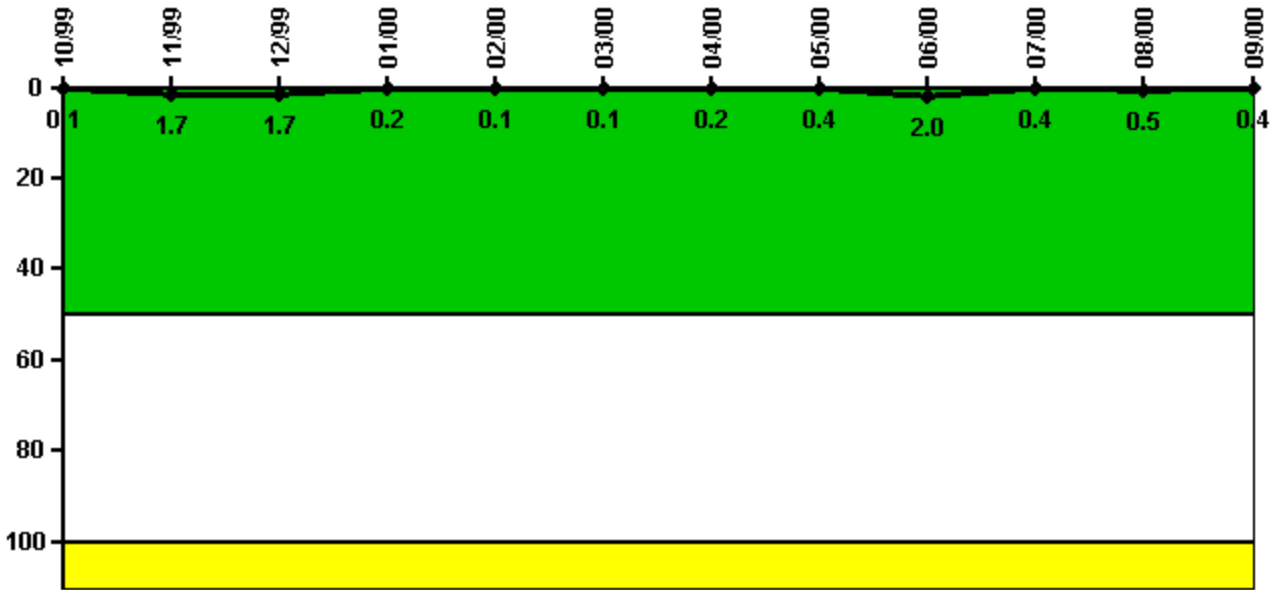
Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.001046	0.001041	0.001084	0.003602	0.004650	0.001196	0.002300	0.000587	0.001428	0.000636	0.000671	0.000669
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	0.4	0.5	0.1	0.2	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

### Reactor Coolant System Leakage



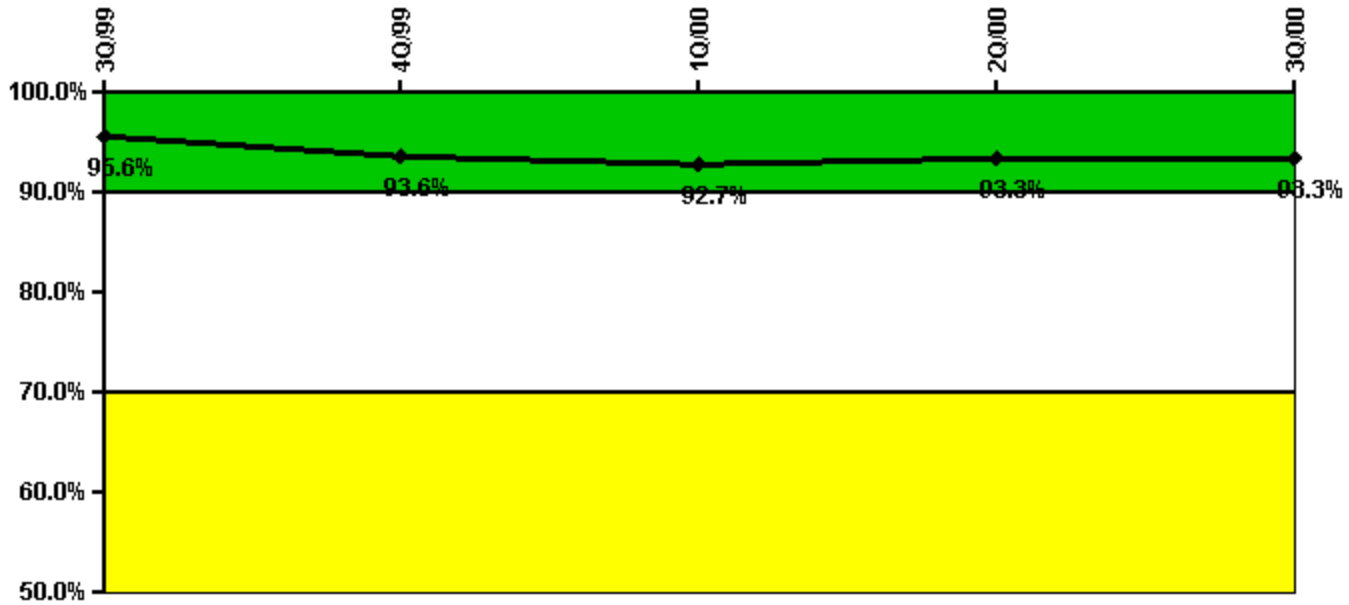
Thresholds: White > 50.0 Yellow > 100.0

**Notes**

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.010	0.170	0.170	0.020	0.010	0.010	0.020	0.040	0.200	0.040	0.050	0.040
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	1.7	1.7	0.2	0.1	0.1	0.2	0.4	2.0	0.4	0.5	0.4

Licensee Comments: none

### Drill/Exercise Performance



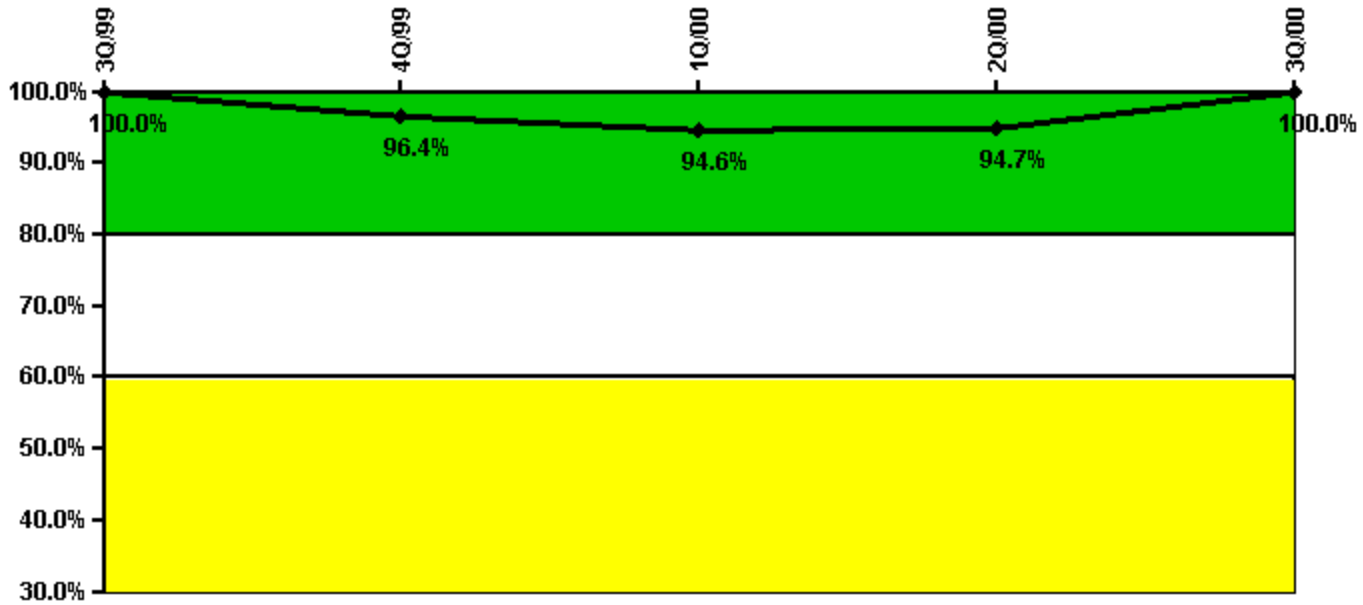
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	17.0	52.0	43.0	37.0	13.0
Total opportunities	17.0	58.0	48.0	38.0	14.0
<b>Indicator value</b>	<b>95.6%</b>	<b>93.6%</b>	<b>92.7%</b>	<b>93.3%</b>	<b>93.3%</b>

Licensee Comments: none

### ERO Drill Participation



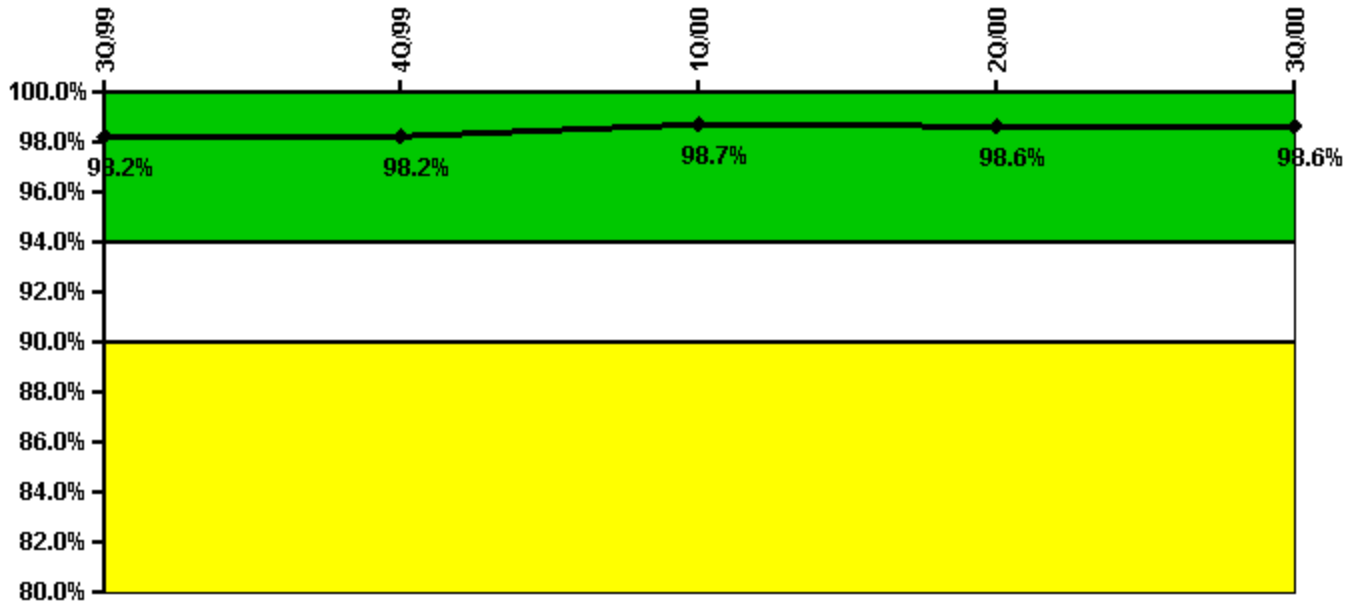
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel	121.0	54.0	53.0	54.0	40.0
Total Key personnel	121.0	56.0	56.0	57.0	40.0
Indicator value	100.0%	96.4%	94.6%	94.7%	100.0%

Licensee Comments: none

### Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	719	477	645	554	640
Total sirens-tests	729	486	648	567	648
Indicator value	98.2%	98.2%	98.7%	98.6%	98.6%

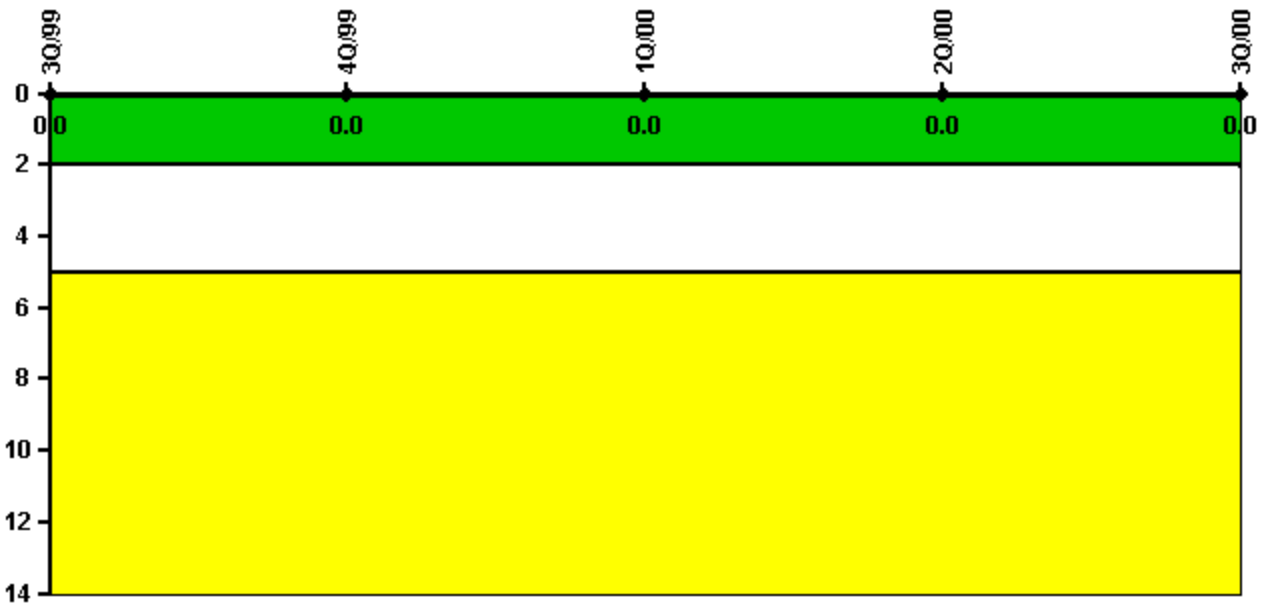
#### Licensee Comments:

3Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

2Q/00: Data correction for failure of siren #19. Corrected for Growl Test in Feb, May, Aug and Nov, also Full Volume test in Oct.

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



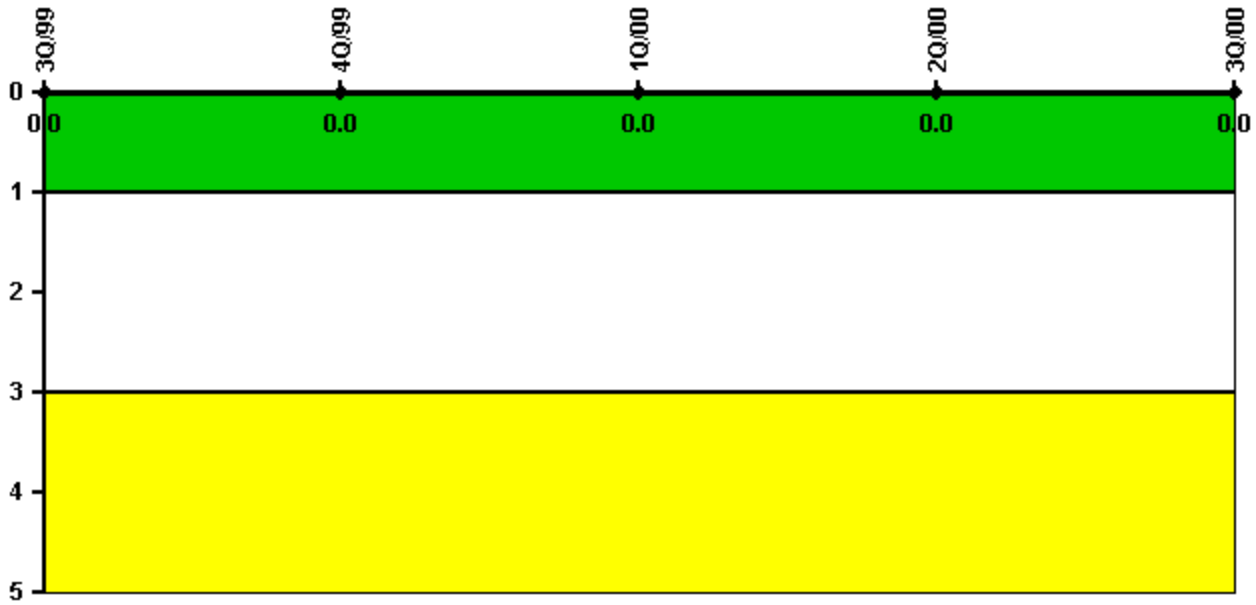
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	3Q/99	4Q/99	1Q/00	2Q/00	3Q/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
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



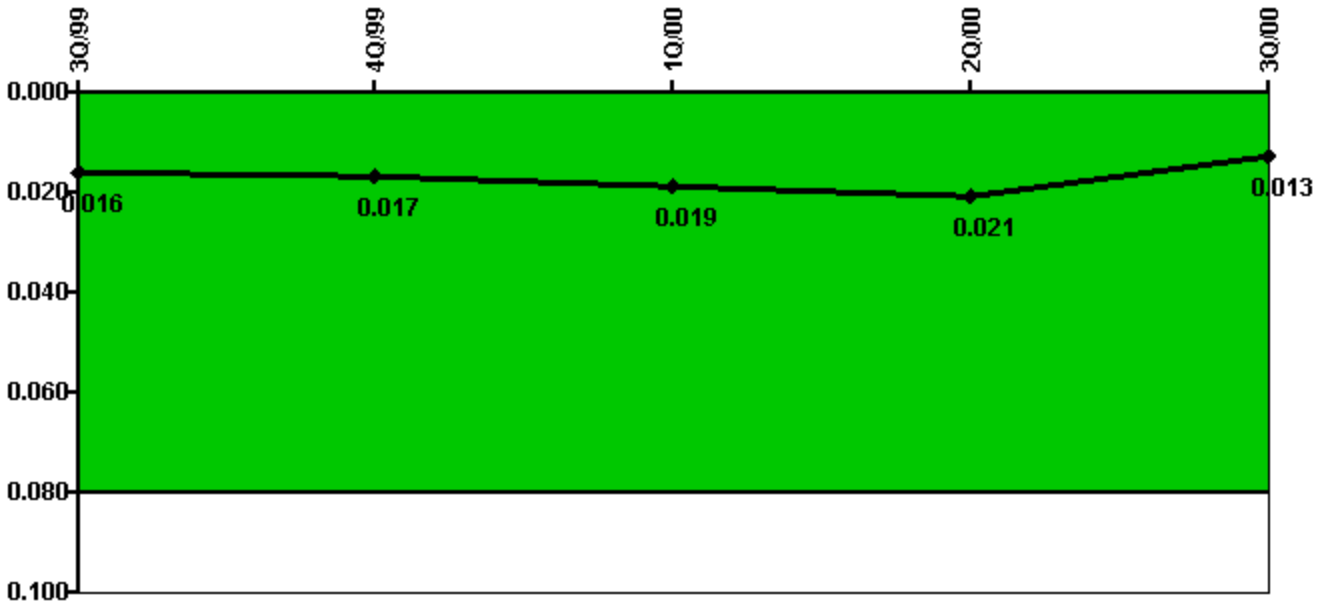
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	3Q/99	4Q/99	1Q/00	2Q/00	3Q/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	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	348.30	129.20	264.20	101.92	128.85
CCTV compensatory hours	100.2	0	0	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
<b>Index Value</b>	<b>0.016</b>	<b>0.017</b>	<b>0.019</b>	<b>0.021</b>	<b>0.013</b>

Licensee Comments: none



### Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Personnel Screening Program	3Q/99	4Q/99	1Q/00	2Q/00	3Q/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	3Q/99	4Q/99	1Q/00	2Q/00	3Q/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: March 29, 2002