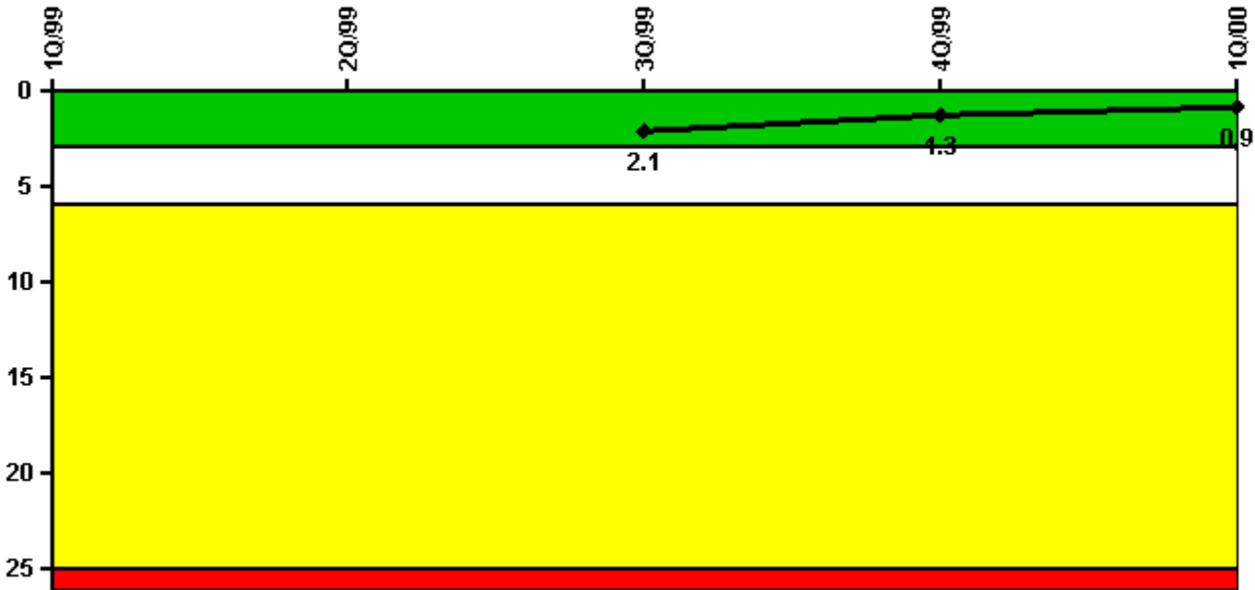


### Clinton

#### 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	1.0	0	0	0
Critical hours	0	1173.3	2208.0	2209.0	2184.0
<b>Indicator value</b>	<b>N/A</b>	<b>N/A</b>	<b>2.1</b>	<b>1.3</b>	<b>0.9</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



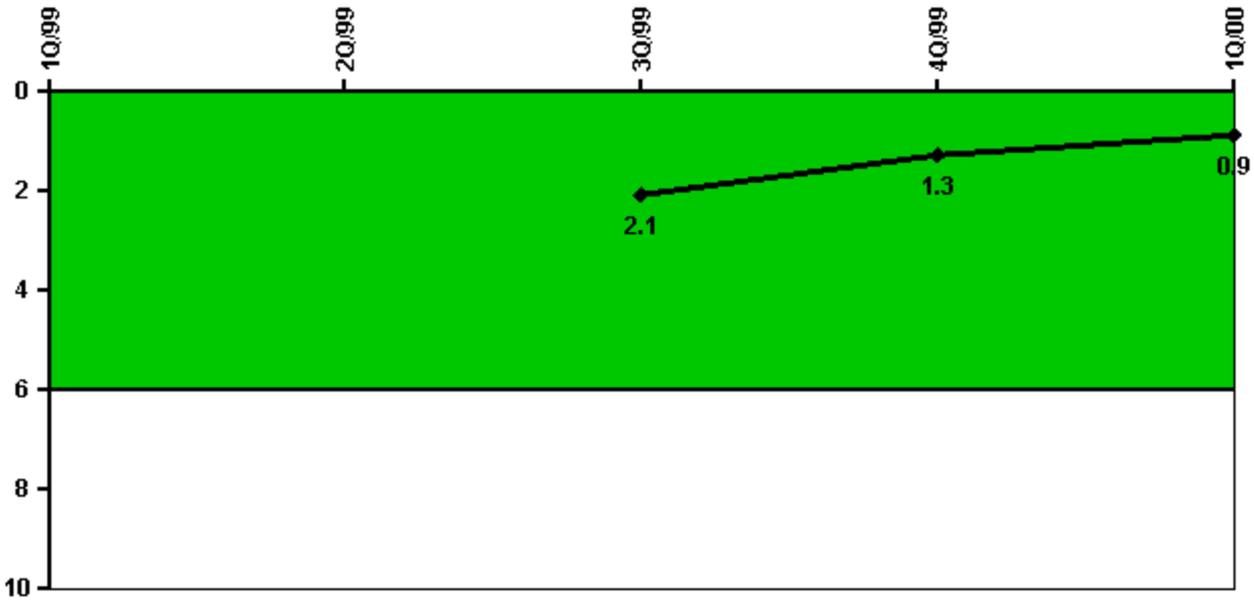
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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

Licensee Comments: none

### 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	0	1.0	0	0	0
Critical hours	0	1173.3	2208.0	2209.0	2184.0
Indicator value	N/A	N/A	2.1	1.3	0.9

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power, >2EDG



Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

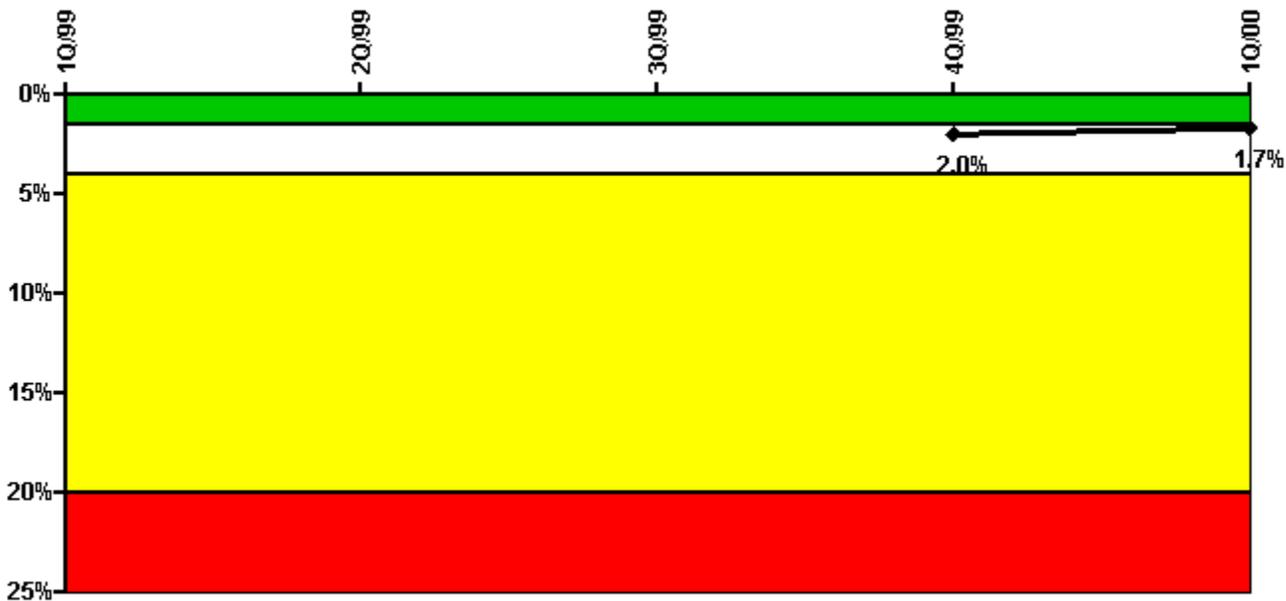
#### Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	0	0.60	58.20	1.70	44.40
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
<b>Train 2</b>					
Planned unavailable hours	0	0.60	3.30	86.90	48.30
Unplanned unavailable hours	0	0	30.40	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
<b>Train 3</b>					
Planned unavailable hours	0	0.50	48.40	47.50	18.60
Unplanned unavailable hours	0	0	0	0	258.50
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
<b>Indicator value</b>				<b>0.4%</b>	<b>0.8%</b>

Licensee Comments:

1Q/00: The division 3 Diesel Generator incurred 258.5 hours of unplanned unavailability during the quarter for generator replacement.

### Safety System Unavailability, High Pressure Injection System (HPCS)



Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

#### Notes

Safety System Unavailability, High Pressure Injection System (HPCS)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	0	0	45.40	4.00	20.90
Unplanned unavailable hours	0	0	0	65.00	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	0	1173.30	2208.00	2209.00	2184.00
<b>Indicator value</b>				<b>2.0%</b>	<b>1.7%</b>

Licensee Comments:

1Q/00: The green to white threshold for this indicator was exceeded during the fourth quarter of 1999. The indicator remains white for the first quarter of 2000 with an improving trend. It is expected that the indicator will return to green by the end of the second quarter of 2000.

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



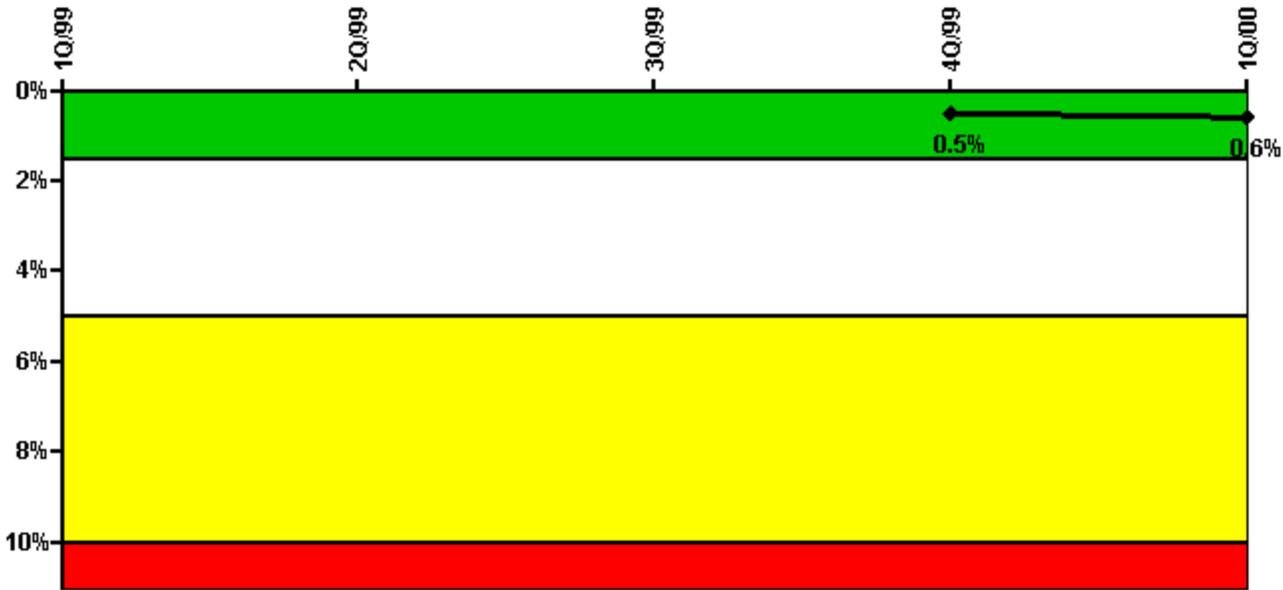
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

Safety System Unavailability, Heat Removal System (RCIC)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	0	39.50	67.50	28.00	3.40
Unplanned unavailable hours	0	0	38.00	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	0	1173.30	2208.00	2209.00	2184.00
<b>Indicator value</b>				<b>3.1%</b>	<b>2.3%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



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

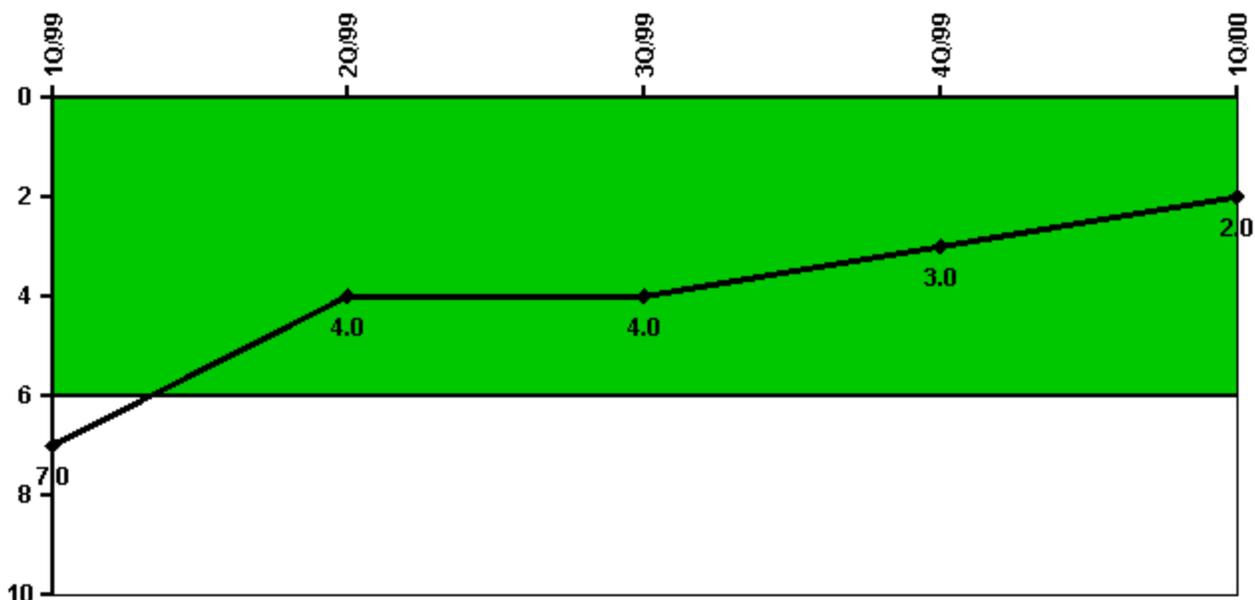
**Notes**

Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	0	34.10	18.00	27.60	23.80
Unplanned unavailable hours	0	0.30	0	26.90	1.70
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
<b>Train 2</b>					
Planned unavailable hours	0	0	48.40	31.50	28.10
Unplanned unavailable hours	19.90	15.10	0	27.10	0.30
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
<b>Indicator value</b>				<b>0.5%</b>	<b>0.6%</b>

Licensee Comments:

4Q/99: Historical Data Correction: 14.4 hours of planned unavailability were removed from Train B for October 1999 and 2.3 hours from December 1999. These hours were initially charged to RHR due to the unavailability of a support system, Shutdown Service Water (SX). NEI 99-02 allows for the use of the Site Service Water System (WS) as a backup to SX and, therefore, the RHR System should not have been counted as unavailable during the unavailability of SX. This change did not result in a threshold being crossed.

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

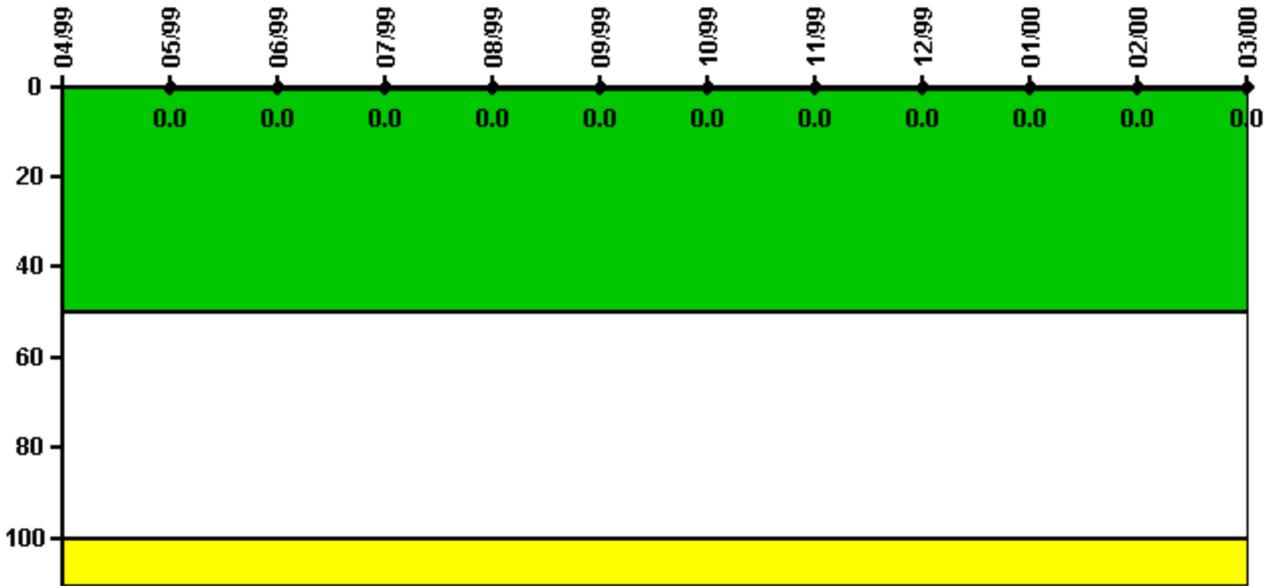
#### Notes

Safety System Functional Failures (BWR)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Safety System Functional Failures	2	1	0	0	1
Indicator value	7	4	4	3	2

#### Licensee Comments:

1Q/00: Change to historical data made to correct initial data submittal. Data provided in historical submittal used a combination of SSFF event dates and report dates for determining affected quarters. Revised data uses report date for all quarters of 1998 and 1999 data. Revised data makes fourth quarter 1998 and first quarter 1999 white whereas the initial historical submittal showed only the fourth quarter 1998 as white. The incorrect reporting of data was entered into the corrective action process.

### Reactor Coolant System Activity



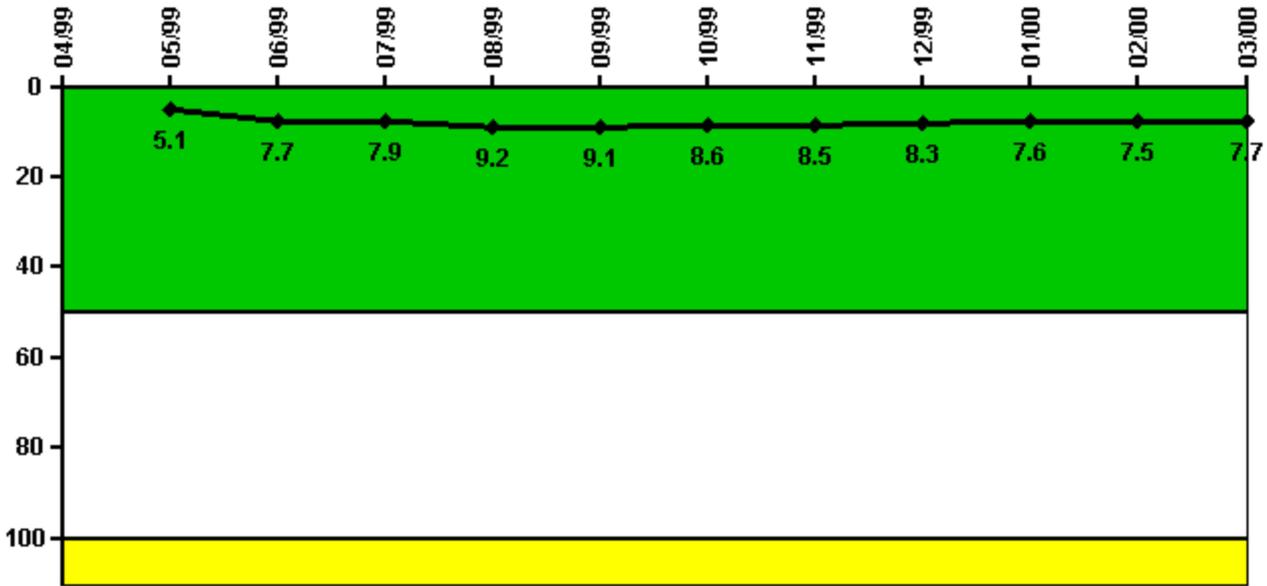
Thresholds: White > 50.0 Yellow > 100.0

#### 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		0.000022	0.000033	0.000039	0.000038	0.000040	0.000039	0.000042	0.000038	0.000039	0.000038	0.000049
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value		0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

### Reactor Coolant System Leakage



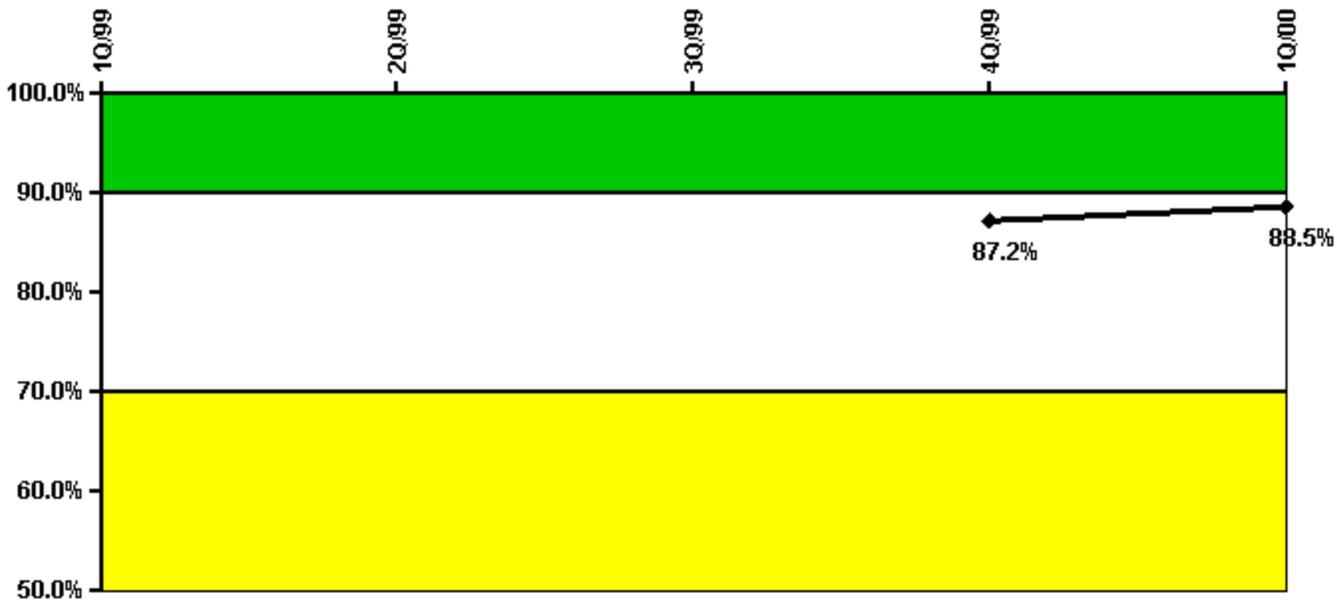
Thresholds: White > 50.0 Yellow > 100.0

#### 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		1.520	2.310	2.370	2.750	2.730	2.580	2.540	2.480	2.280	2.250	2.310
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value		5.1	7.7	7.9	9.2	9.1	8.6	8.5	8.3	7.6	7.5	7.7

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	28.0	4.0	32.0	61.0	13.0
Total opportunities	30.0	4.0	33.0	72.0	13.0
Indicator value				87.2%	88.5%

#### Licensee Comments:

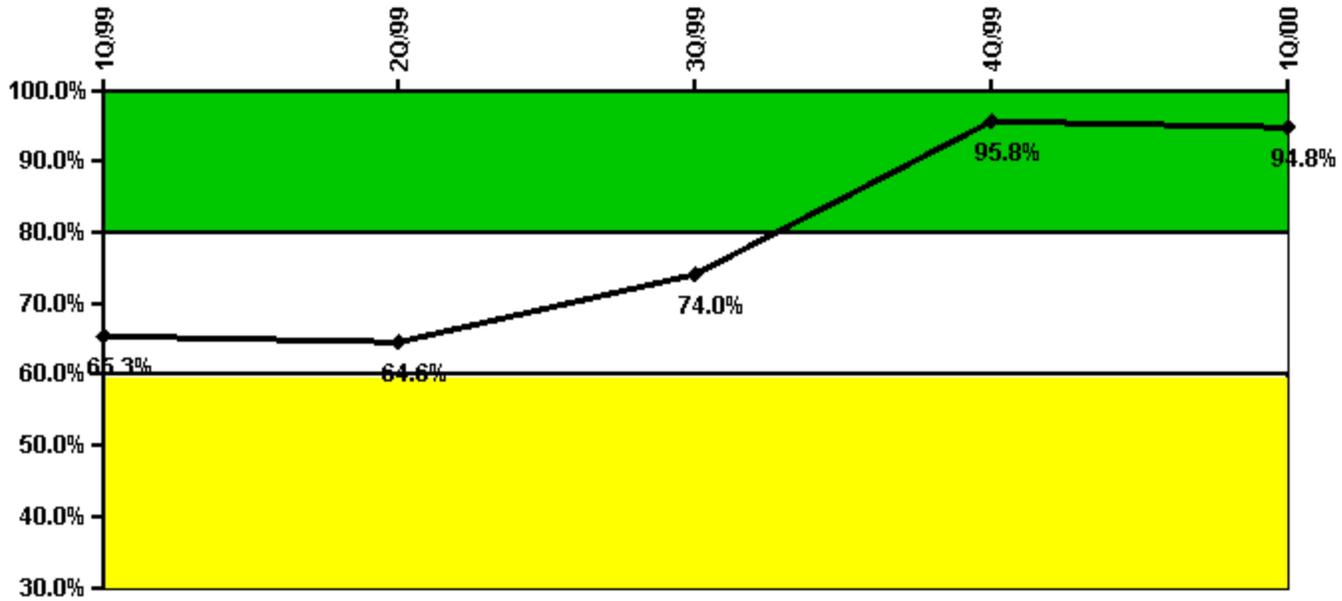
1Q/00: Some data on the initial submittal was not correct. The corrected data has been provided with this submittal.

1Q/00: Some data on the initial submittal was not correct. The corrected data has been provided with this submittal. A self-assessment of this performance indicator identified that statistics for non-licensed operator job performance measures used to qualify ERO communicators were not included in the data for third and fourth quarters of 1999 and first, third, and fourth quarters of 2000. Correcting this error changes the indicator values from GREEN to WHITE for the fourth quarter 1999 and all quarters of 2000.

4Q/99: A self-assessment of this performance indicator identified that statistics for non-licensed operator job performance measures used to qualify ERO communicators were not included in the data for third and fourth quarters of 1999 and first, third, and fourth quarters of 2000. Correcting this error changes the indicator values from GREEN to WHITE for the fourth quarter 1999 and all quarters of 2000.

3Q/99: A self-assessment of this performance indicator identified that statistics for non-licensed operator job performance measures used to qualify ERO communicators were not included in the data for third and fourth quarters of 1999 and first, third, and fourth quarters of 2000. Correcting this error changes the indicator values from GREEN to WHITE for the fourth quarter 1999 and all quarters of 2000.

### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

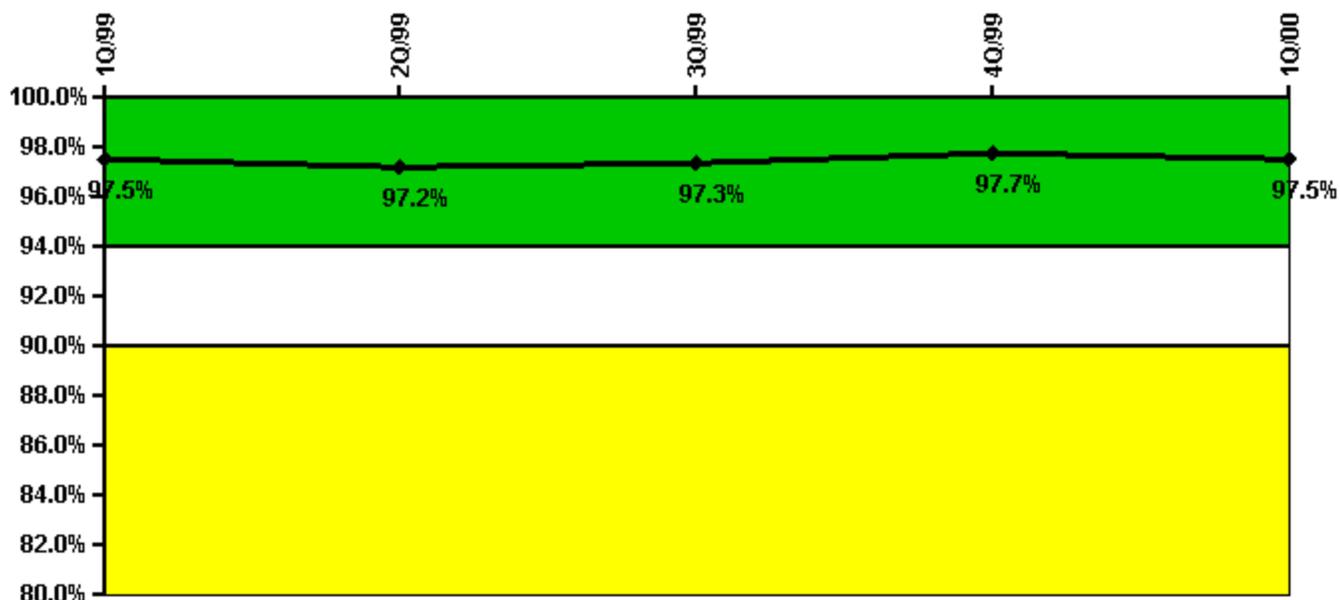
#### Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	64.0	62.0	71.0	91.0	91.0
Total Key personnel	98.0	96.0	96.0	95.0	96.0
<b>Indicator value</b>	<b>65.3%</b>	<b>64.6%</b>	<b>74.0%</b>	<b>95.8%</b>	<b>94.8%</b>

Licensee Comments:

1Q/00: Some data on the initial submittal was not correct. The corrected data has been provided with this submittal.

### Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

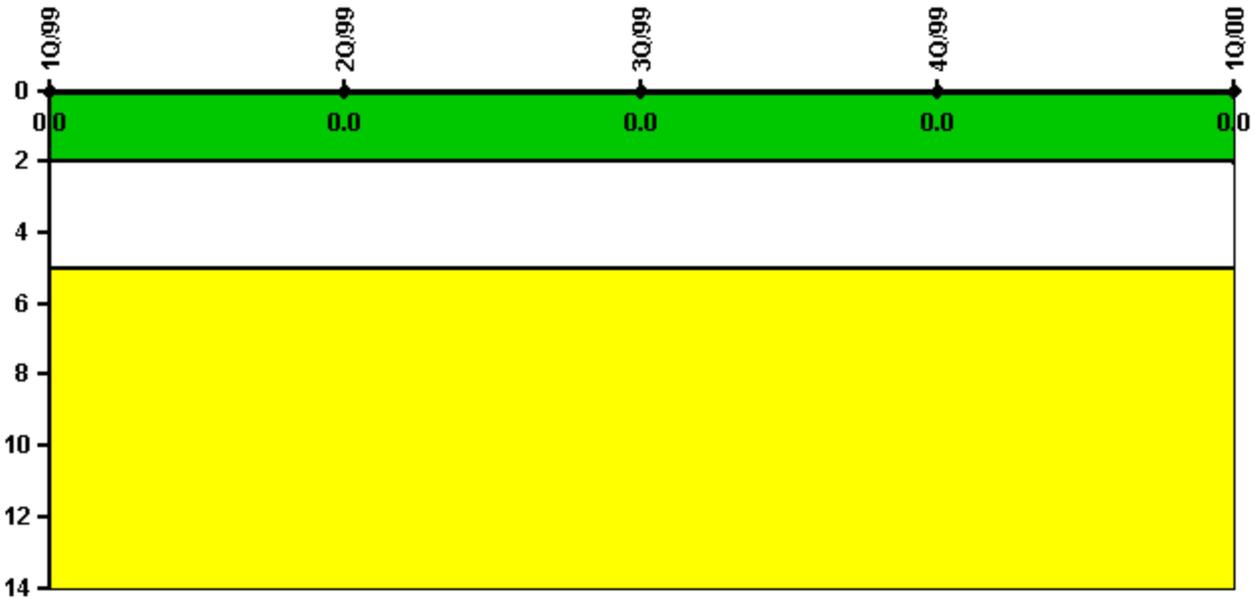
#### Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	130	129	130	127	129
Total sirens-tests	132	132	132	132	132
Indicator value	97.5%	97.2%	97.3%	97.7%	97.5%

Licensee Comments:

1Q/00: Some data on the initial submittal was not correct. The corrected data has been provided with this submittal.

### Occupational Exposure Control Effectiveness



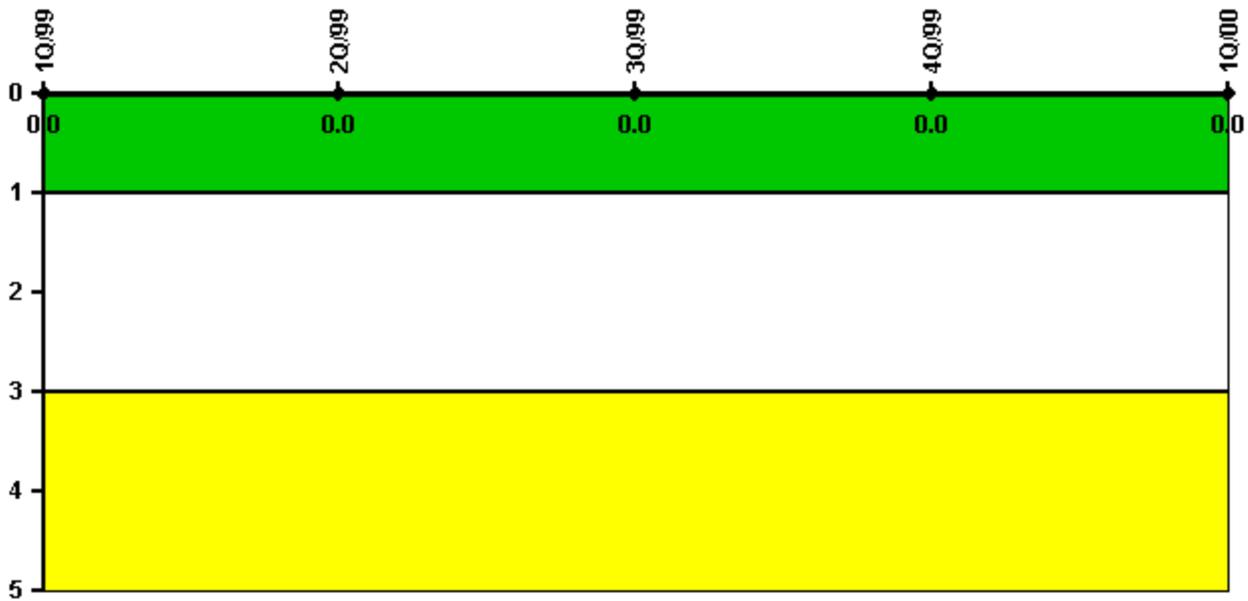
Thresholds: White > 2.0 Yellow > 5.0

#### 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
<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



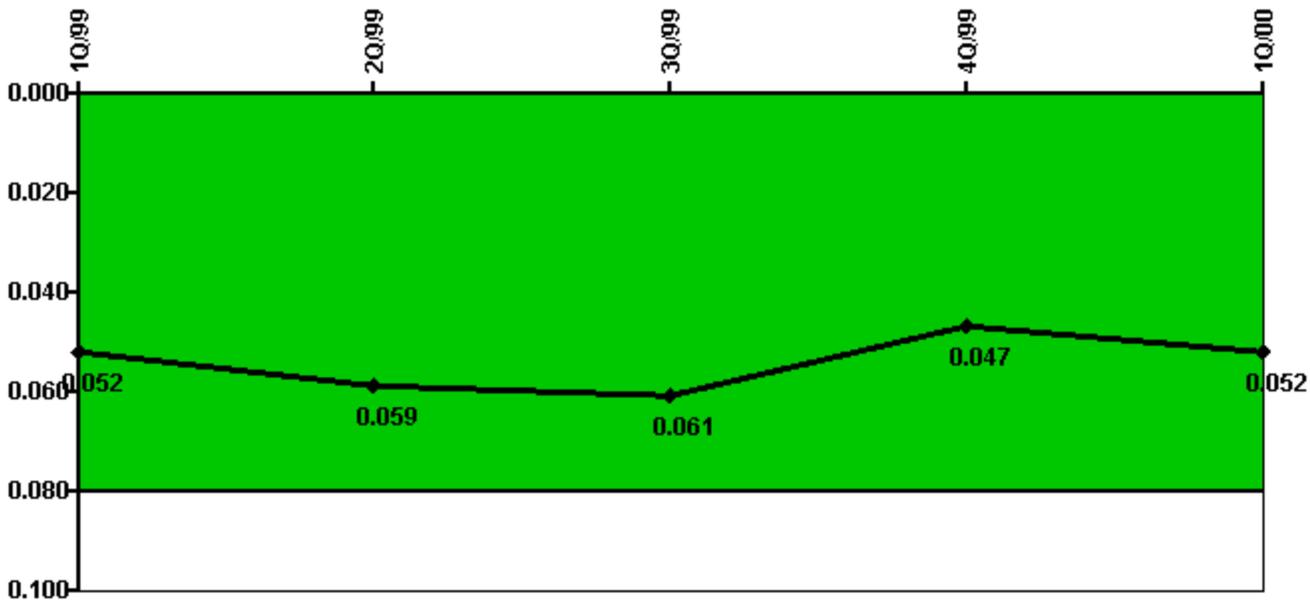
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	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	117.20	307.40	720.80	55.00	204.00
CCTV compensatory hours	4.4	19.1	21.8	26.6	32.3
IDS normalization factor	1.60	1.60	1.60	1.60	1.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.052	0.059	0.061	0.047	0.052

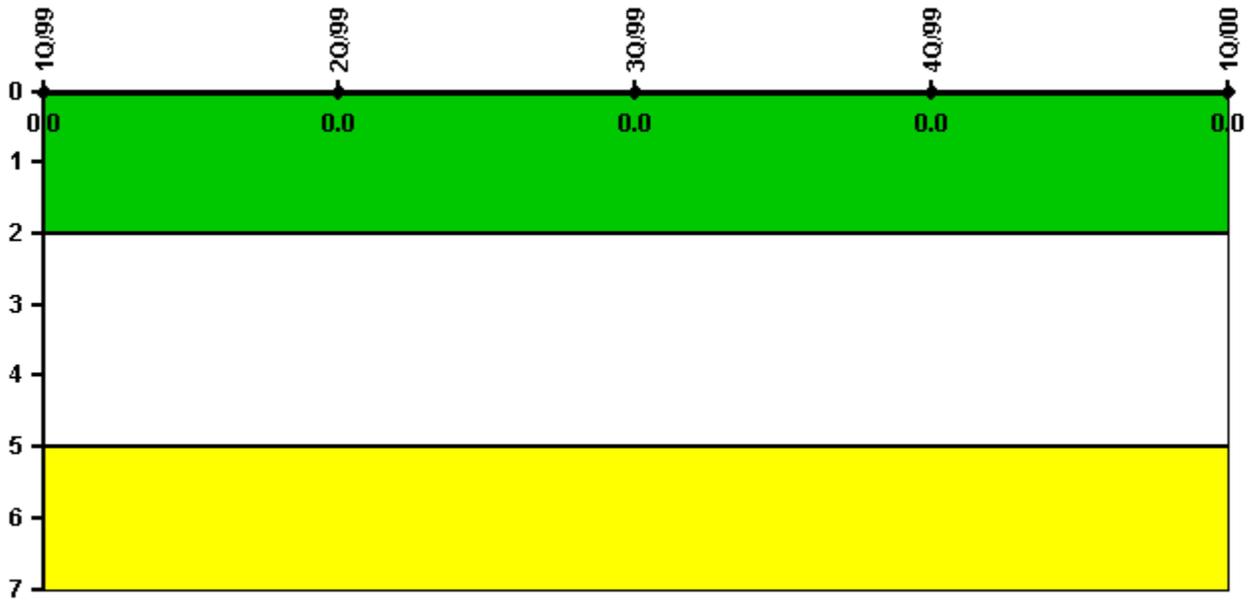
#### Licensee Comments:

1Q/00: During data review some value discrepancies were identified and subsequent changes were made.

4Q/99: During a review of industry experience information, it was determined that one of the pilot sites utilized for development of the new NRC Inspection process had experienced a problem with NEI performance indicator calculation. Further investigation revealed that this site utilized their Safeguards event log data for perimeter hardware problems to calculate downtime; however, this method did not include computer and multiplexor failures which affected the performance of perimeter hardware. A review of Clinton Power Station data revealed that we calculated our performance indicator data in the same manner. As a result, the past two years of data was reviewed and the additional Intrusion Detection System(IDS) downtime resulting from computer and multiplexor failures was included in the Clinton Power Station Performance Indicator resulting in this re-submission of data. It should be noted that prior to re-submission of this data, the third quarter 1999 indicator was green. The revised third quarter 1999 indicator is white.

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### Personnel Screening Program



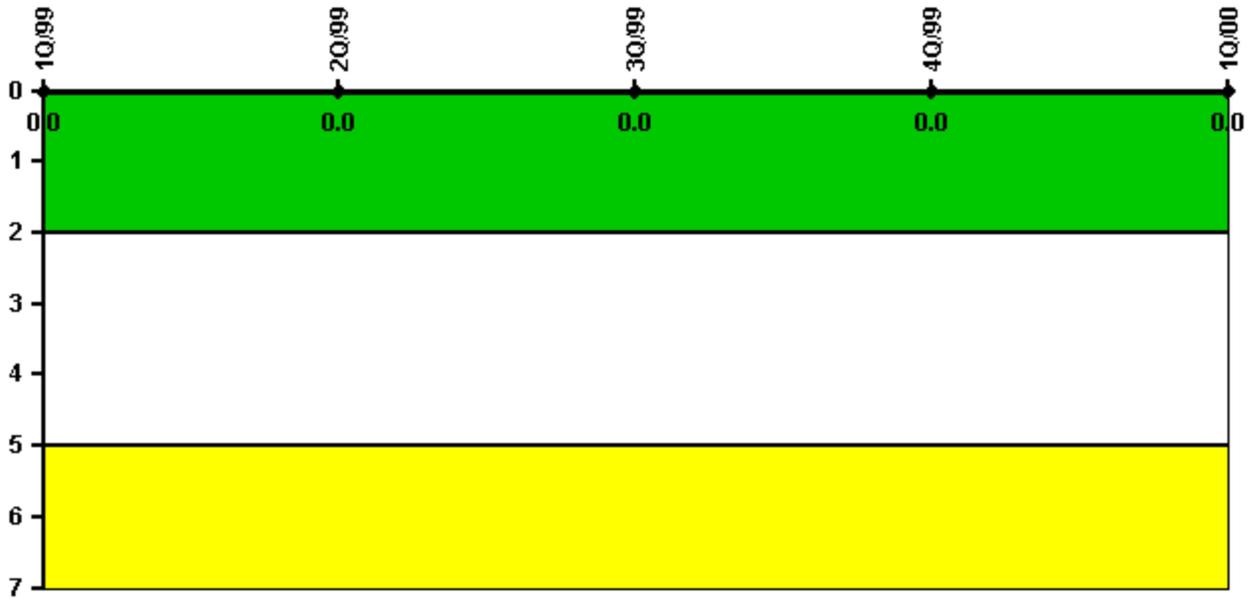
Thresholds: White > 2.0 Yellow > 5.0

#### 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