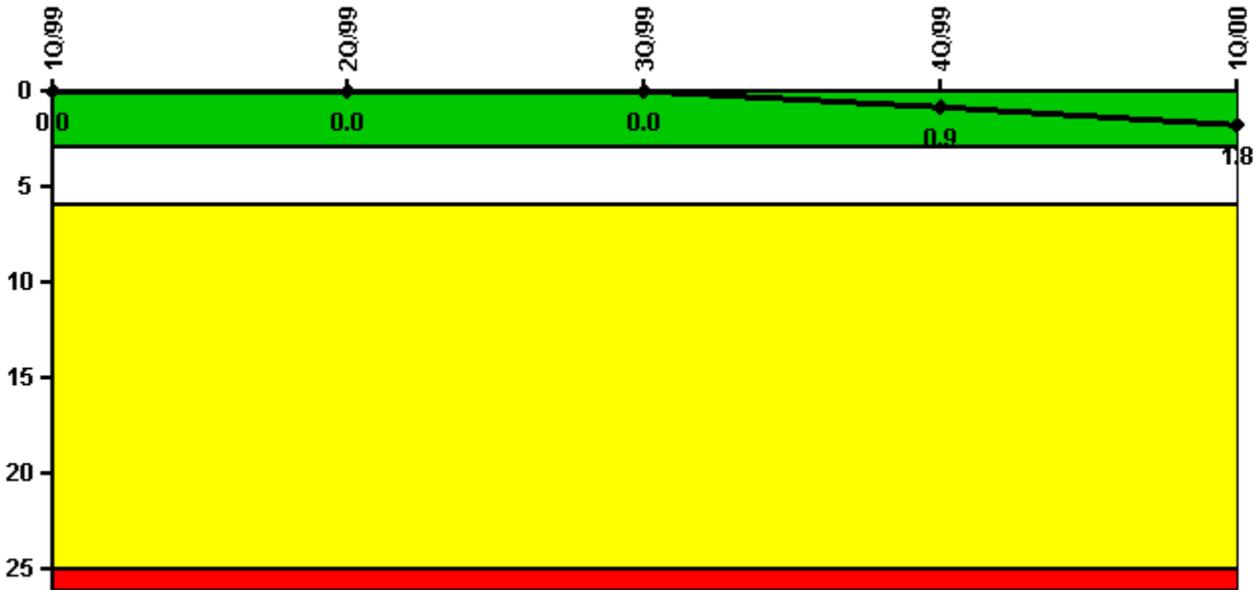


### Limerick 2

#### 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	0	1.0	1.0
Critical hours	2160.0	1309.0	2208.0	2186.2	2120.6
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.9</b>	<b>1.8</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



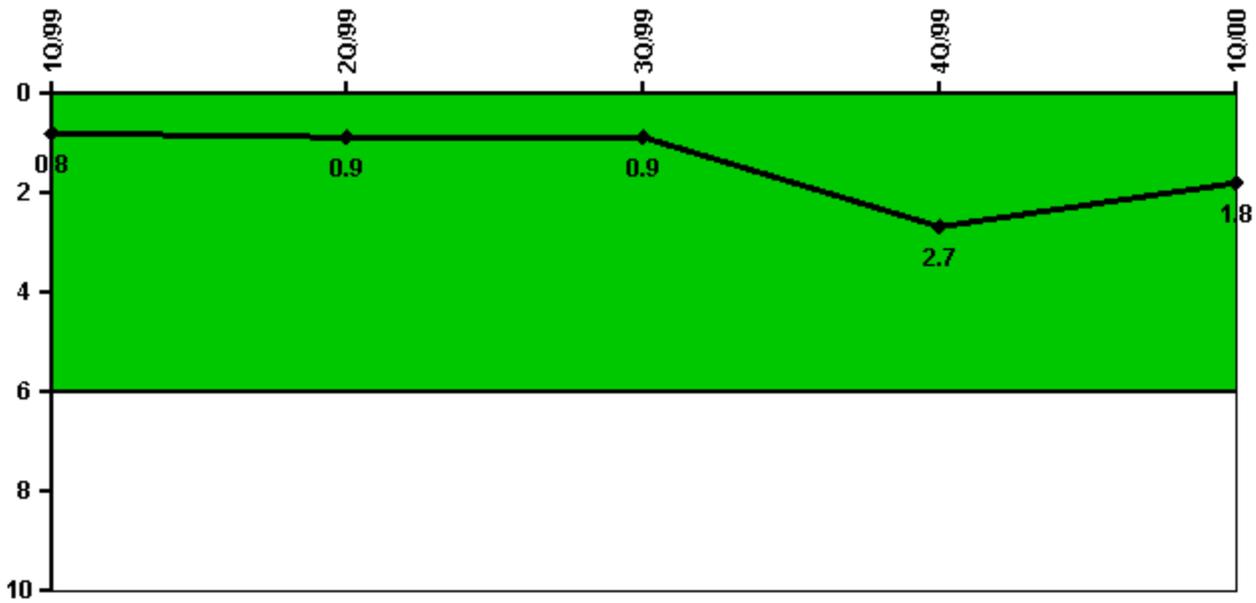
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### 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



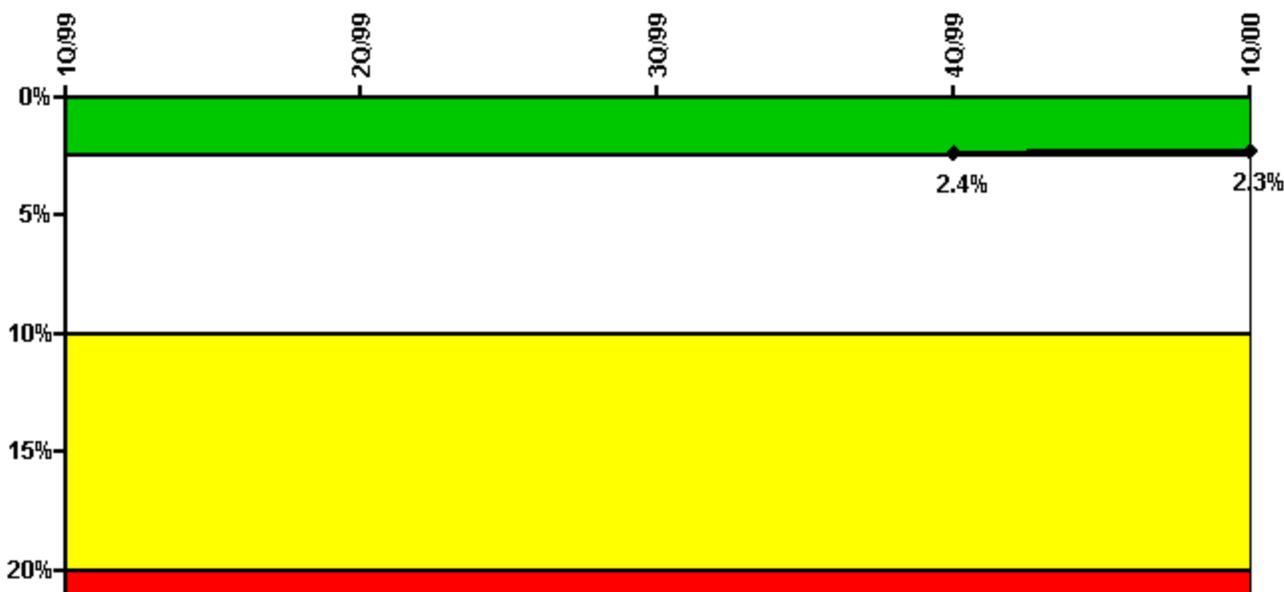
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	1.0	0	0	2.0	0
Critical hours	2160.0	1309.0	2208.0	2186.2	2120.6
<b>Indicator value</b>	<b>0.8</b>	<b>0.9</b>	<b>0.9</b>	<b>2.7</b>	<b>1.8</b>

Licensee Comments: none

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



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

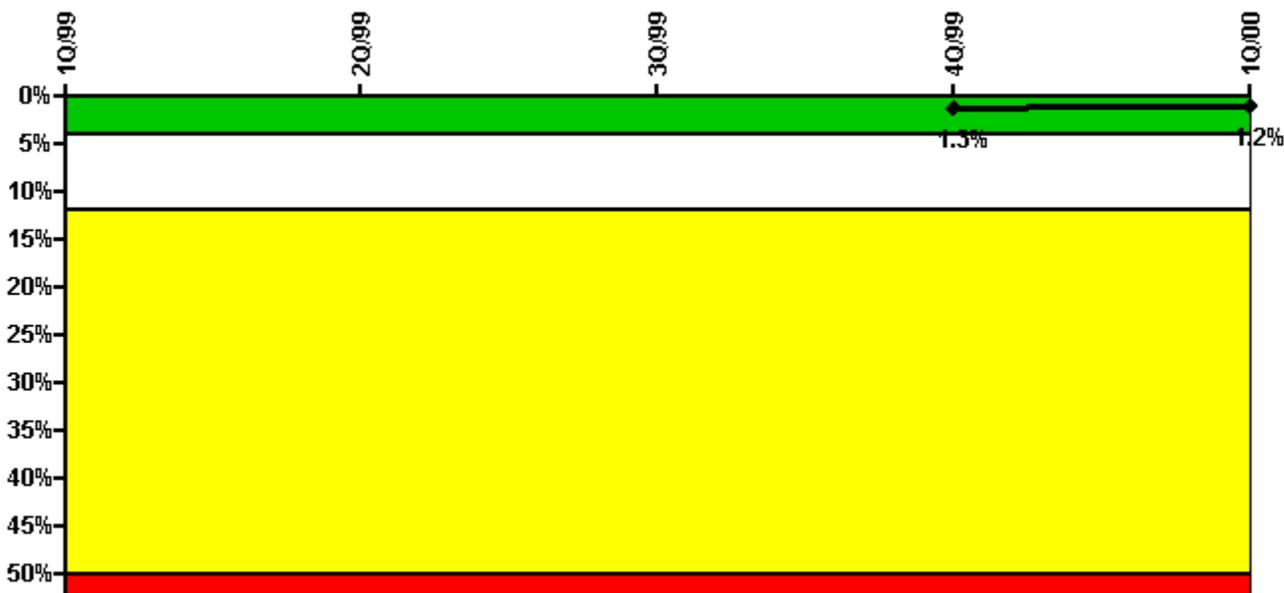
#### Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	174.20	0	0	0	3.27
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	1704.02	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	0	0	0	0	0
Unplanned unavailable hours	5.33	0	0	0	18.51
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1704.02	2208.00	2209.00	2184.00
<b>Train 3</b>					
Planned unavailable hours	22.45	124.30	0	0	0
Unplanned unavailable hours	0	0	2.33	0	0.07
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1704.02	2208.00	2209.00	2184.00
<b>Train 4</b>					
Planned unavailable hours	53.13	0	0	208.76	0.32
Unplanned unavailable hours	0	0	0	0	0.07
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1704.02	2208.00	2209.00	2184.00
<b>Indicator value</b>				2.4%	2.3%

Licensee Comments:

4Q/98: Correct typo for 4th quarter 1998. Revise the Unit 2 Train 1, Hours Required, from the incorrect value of '2209' to the correct value of '2208'

### 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
<b>Train 1</b>					
Planned unavailable hours	0	0	90.40	0	0
Unplanned unavailable hours	0	17.60	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1309.00	2208.00	2186.20	2120.60
<b>Indicator value</b>				<b>1.3%</b>	<b>1.2%</b>

#### Licensee Comments:

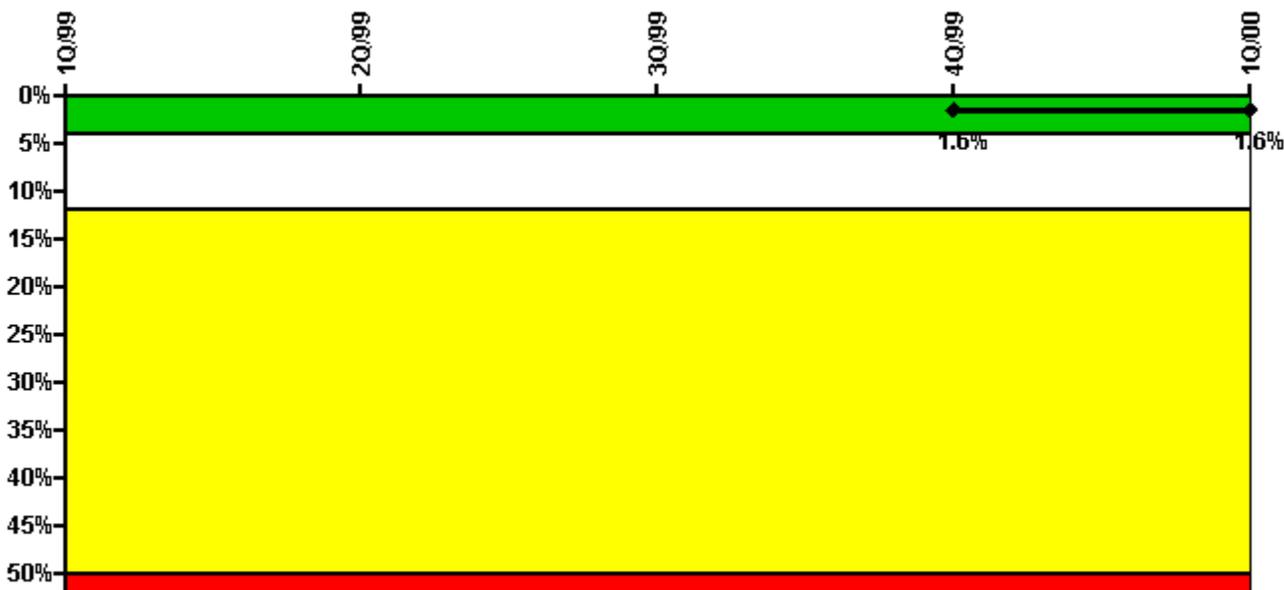
3Q/99: Historical data submittal of 1/21/00 previously reported a null value for Unplanned Unavailable Hours for July, August and September 1999. This was identified mid-quarter on 3/30/00. A data value of zero (0) was inadvertently submitted as a "null value" for each of these three months in 3Q99. All data (zero value) for the quarter is now shown in third month of the quarter due to NEI PIWEB software changes. This correction adds zero (0) Unavailable (or fault) hours and therefore does not affect PI color band (green).

2Q/99: Correction #1: Historical data submittal of 1/21/00 previously reported a null value for Fault Exposure Hours for April, May and June 1999. This was identified mid-quarter on 3/30/00. A data value of zero was inadvertently submitted as a "null value" for each of these three months in 2Q99. All data (zero value) for the quarter is now shown in third month of the quarter due to NEI PIWEB software changes. This correction adds zero (0) Fault Exposure hours and therefore does not affect PI color band (green). Correction #2: Historical data submittal of 1/21/00 previously reported a null value for Unplanned Unavailable Hours for April, May and June 1999. This was identified mid-quarter on

3/30/00. A data value of zero (0) was inadvertently submitted as a "null value" for April and May 1999. In addition, the June 1999 value of 17.6 hours for Unplanned Unavailable hours was inadvertently entered in the June 1999 field for Planned Unavailable hours due to a transposition error. The data has been corrected to reflect zero (0) Planned Unavailable hours and 17.6 Unplanned Unavailable hours for the entire quarter. All data for the quarter is now shown in third month of the quarter due to NEI PIWEB software changes. This correction adds zero (0) Unavailable (or fault) hours and therefore does not affect PI color band (green).

1Q/98: Correction: Historical data submittal of 1/21/00 previously reported a null value for Unplanned Unavailable hours in March 1998. This was identified mid-quarter on 3/30/00. A data value of zero (0) for March 1998 Unplanned Unavailable hours was inadvertently submitted as a "null value". This resulted in 1.7 hours from Feb 1998 to be excluded from the calculated PI data due to a flaw in the PI calculation algorithm as noted in e-mail from NEI to NRC of 3/30/00. This correction adds 1.7 hours of total Unavailable hours but does not affect PI color band (green). All data (zero value) for the quarter is now shown in third month of the quarter due to NEI PIWEB software changes.

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



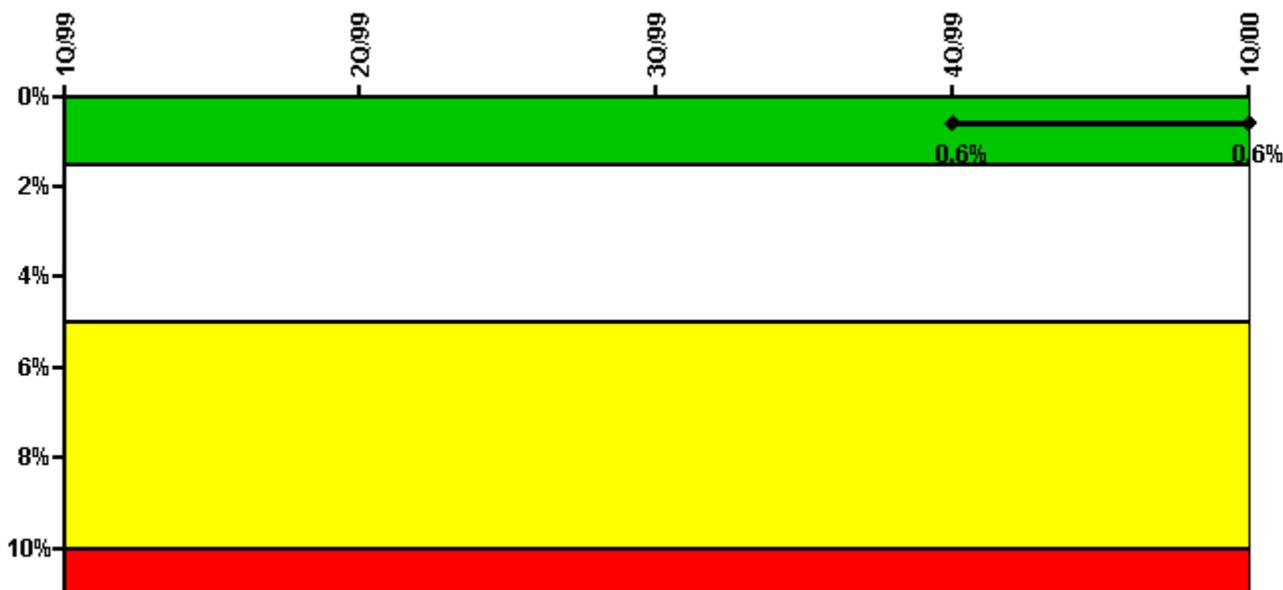
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### 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	42.00	1.00	4.40	48.72	1.80
Unplanned unavailable hours	10.50	0	0	33.58	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1309.00	2208.00	2186.20	2120.60
<b>Indicator value</b>				<b>1.6%</b>	<b>1.6%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



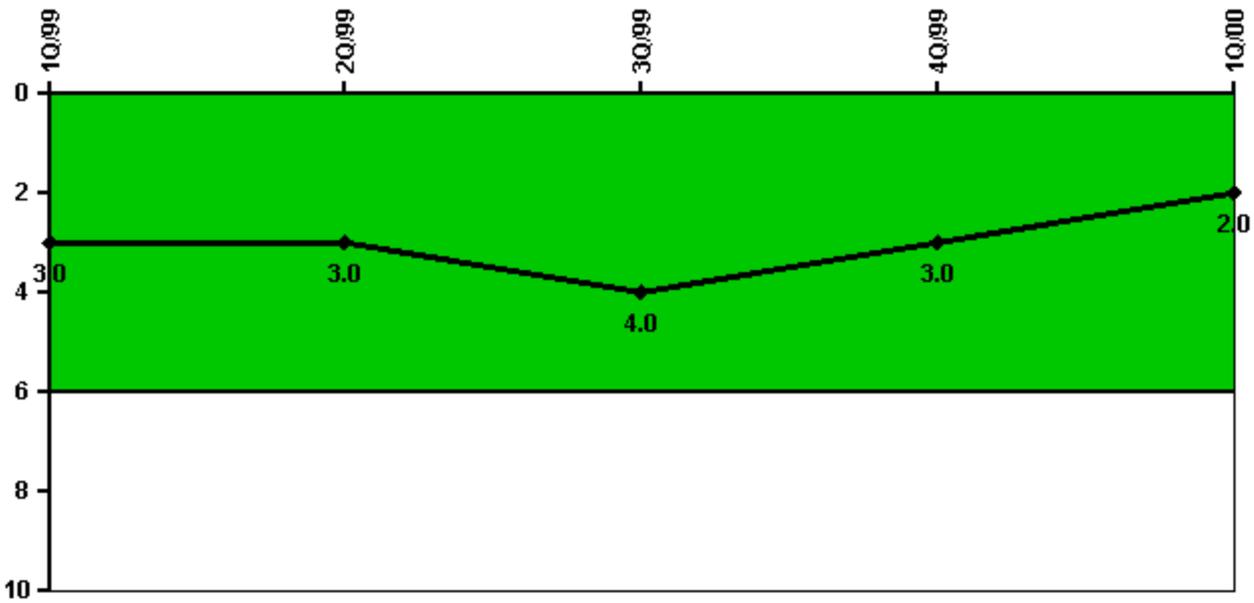
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### 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	4.72	0	0	0	12.27
Unplanned unavailable hours	3.50	0	0.60	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	29.67	0	0	18.50	2.72
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>Indicator value</b>				<b>0.6%</b>	<b>0.6%</b>

Licensee Comments: none

### Safety System Functional Failures (BWR)



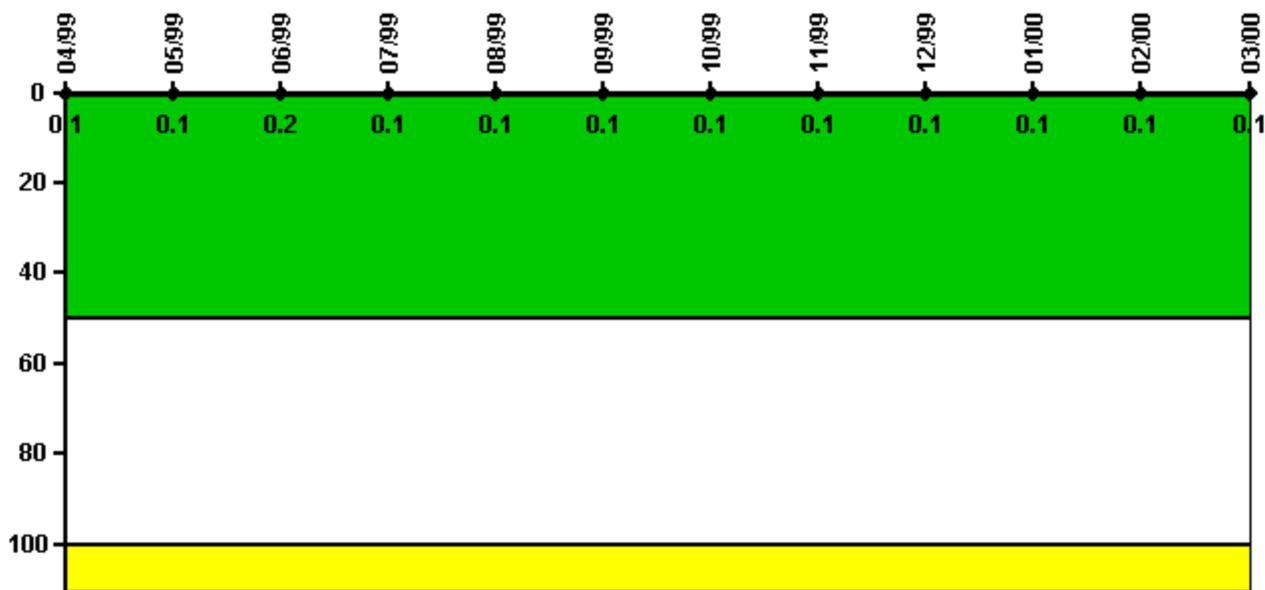
Thresholds: White > 6.0

#### Notes

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

Licensee Comments: none

### Reactor Coolant System Activity



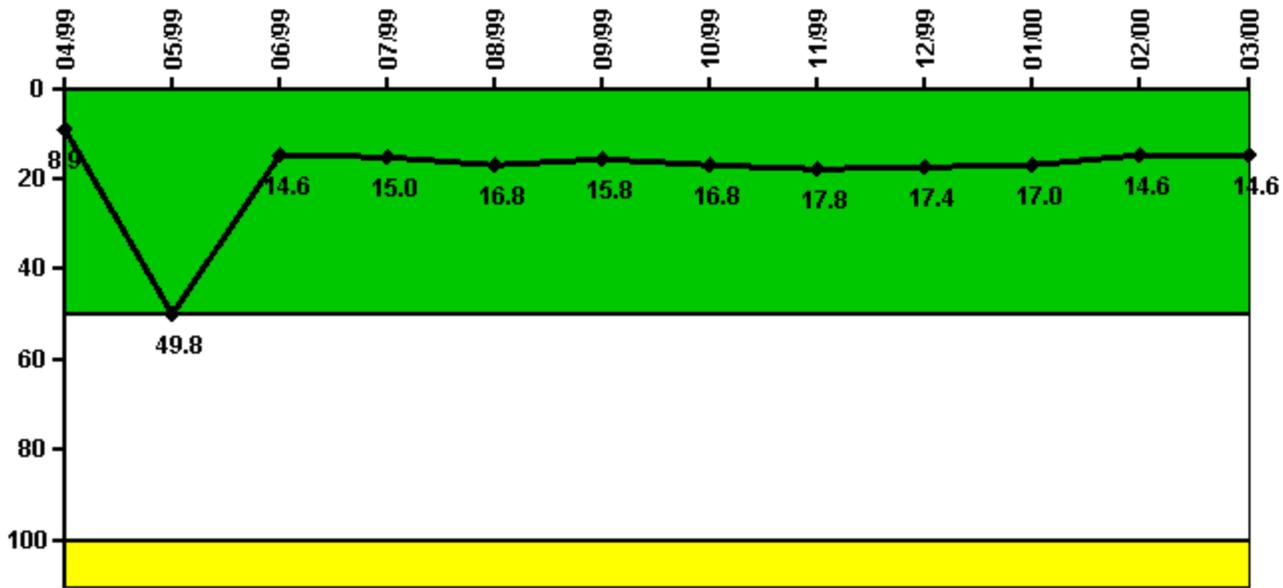
Thresholds: White > 50.0 Yellow > 100.0

#### 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	0.000282	0.000133	0.000358	0.000147	0.000146	0.000150	0.000153	0.000284	0.000133	0.000130	0.000139	0.000146
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	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

### Reactor Coolant System Leakage



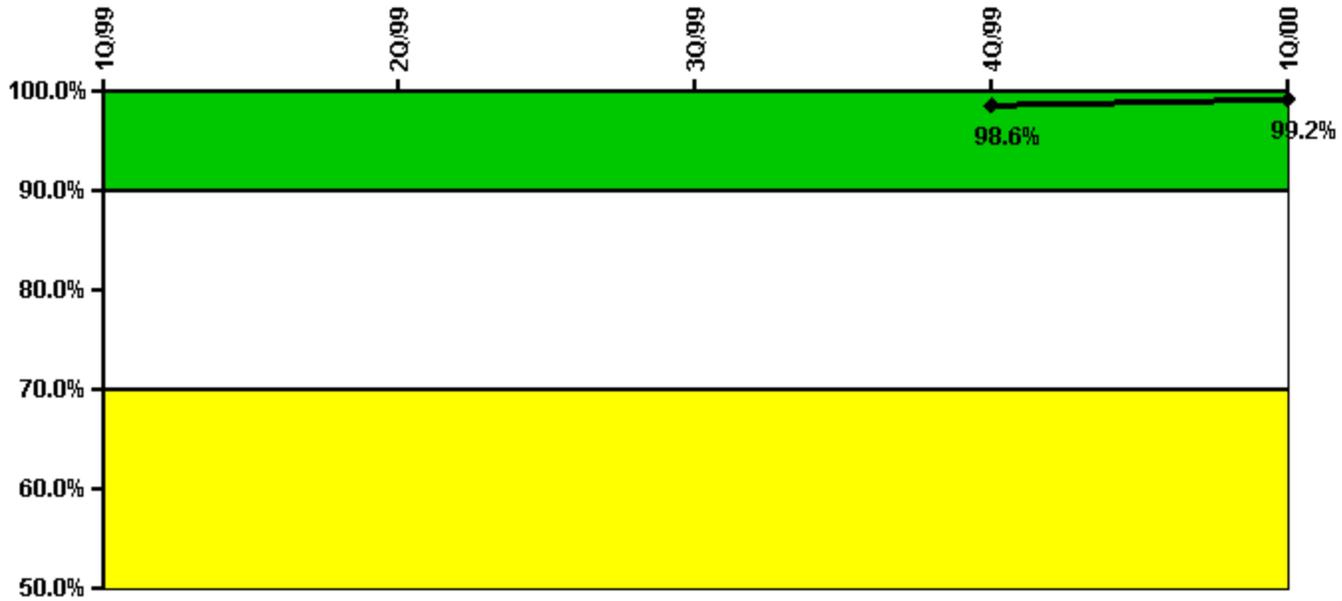
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

Reactor Coolant System Leakage	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	2.220	12.440	3.640	3.740	4.190	3.940	4.190	4.440	4.340	4.240	3.640	3.640
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	8.9	49.8	14.6	15.0	16.8	15.8	16.8	17.8	17.4	17.0	14.6	14.6

Licensee Comments: none

### Drill/Exercise Performance



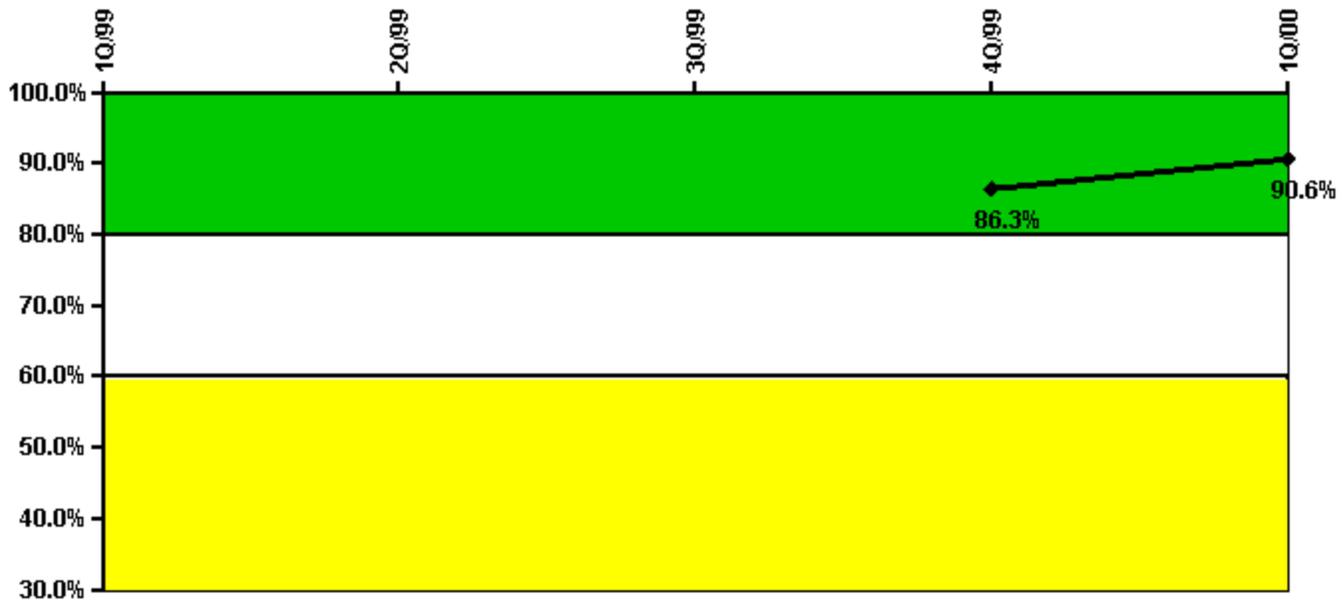
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	7.0	0	37.0	11.0	67.0
Total opportunities	7.0	0	38.0	11.0	67.0
<b>Indicator value</b>				<b>98.6%</b>	<b>99.2%</b>

Licensee Comments: none

### ERO Drill Participation



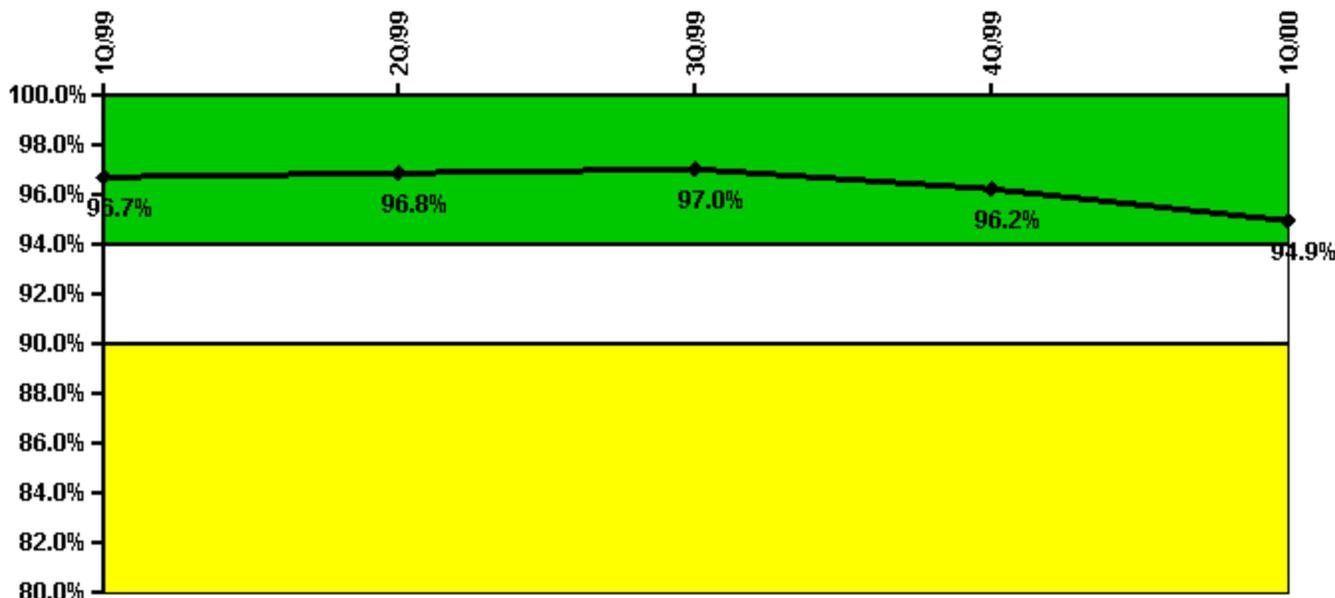
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel				44.0	48.0
Total Key personnel				51.0	53.0
<b>Indicator value</b>				<b>86.3%</b>	<b>90.6%</b>

Licensee Comments: none

### Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

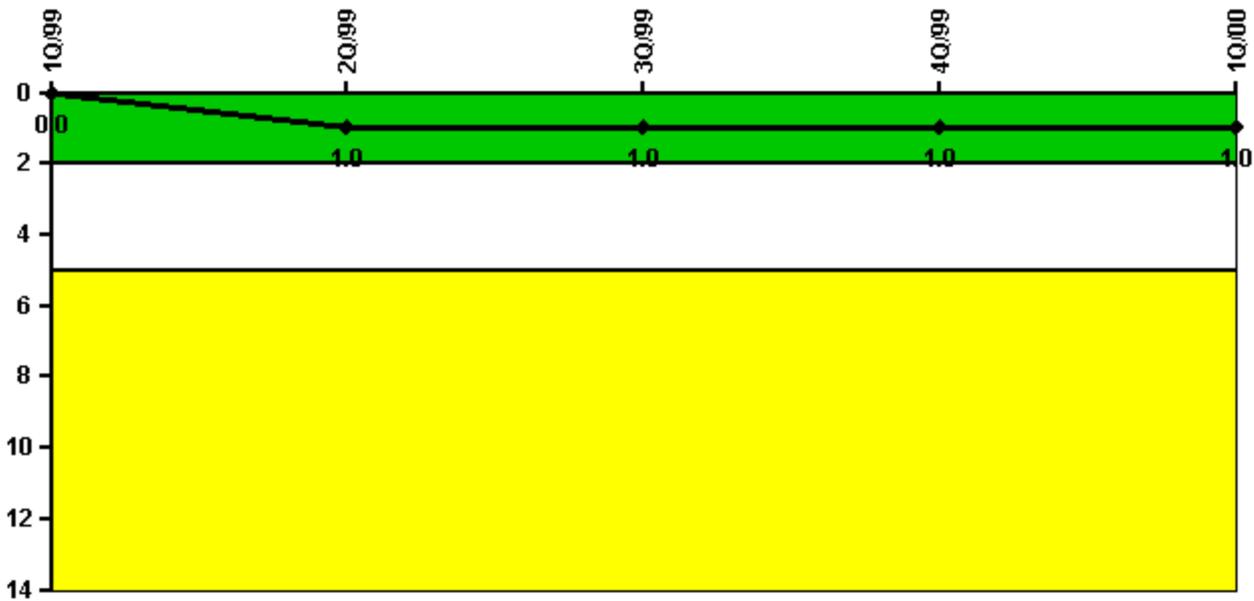
Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	483	479	475	467	459
Total sirens-tests	495	495	495	495	495
Indicator value	96.7%	96.8%	97.0%	96.2%	94.9%

#### Licensee Comments:

1Q/00: Limerick siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

4Q/99: Limerick siren performance percentages have changed due to inadequate maintenance practices, which resulted in degraded siren performance. The percentage change did not cause a change in the overall PI color. All sirens have been inspected and appropriate corrective actions have been taken to correct identified deficiencies. Accelerated testing frequencies continue and good overall siren performance has been restored.

### Occupational Exposure Control Effectiveness



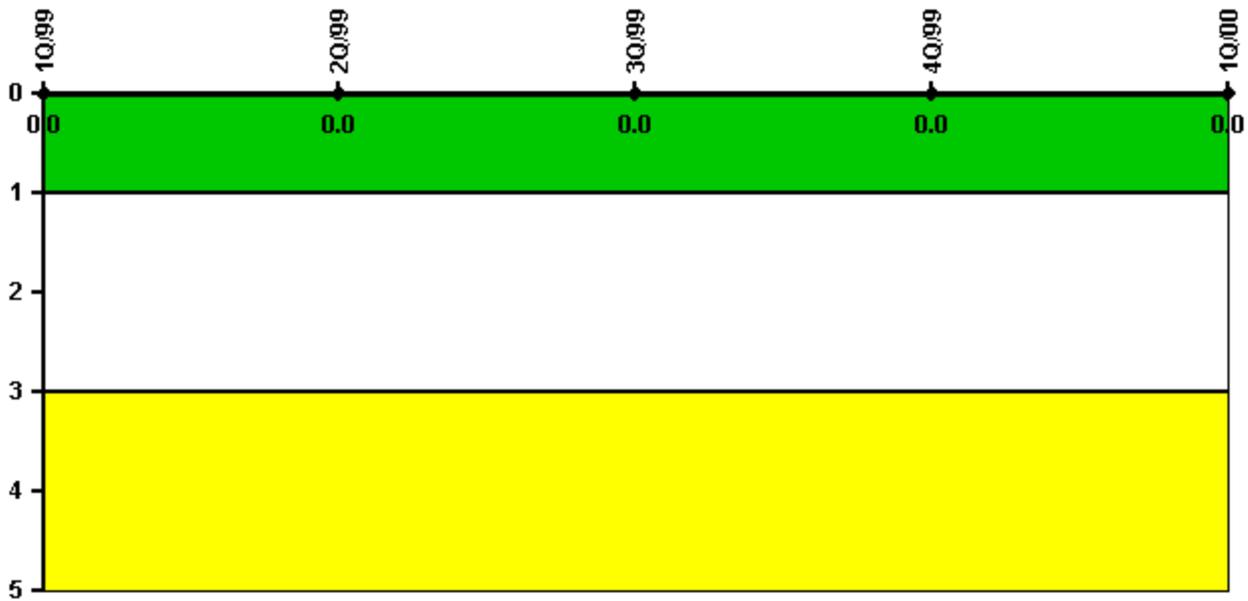
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
High radiation area occurrences	0	1	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>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



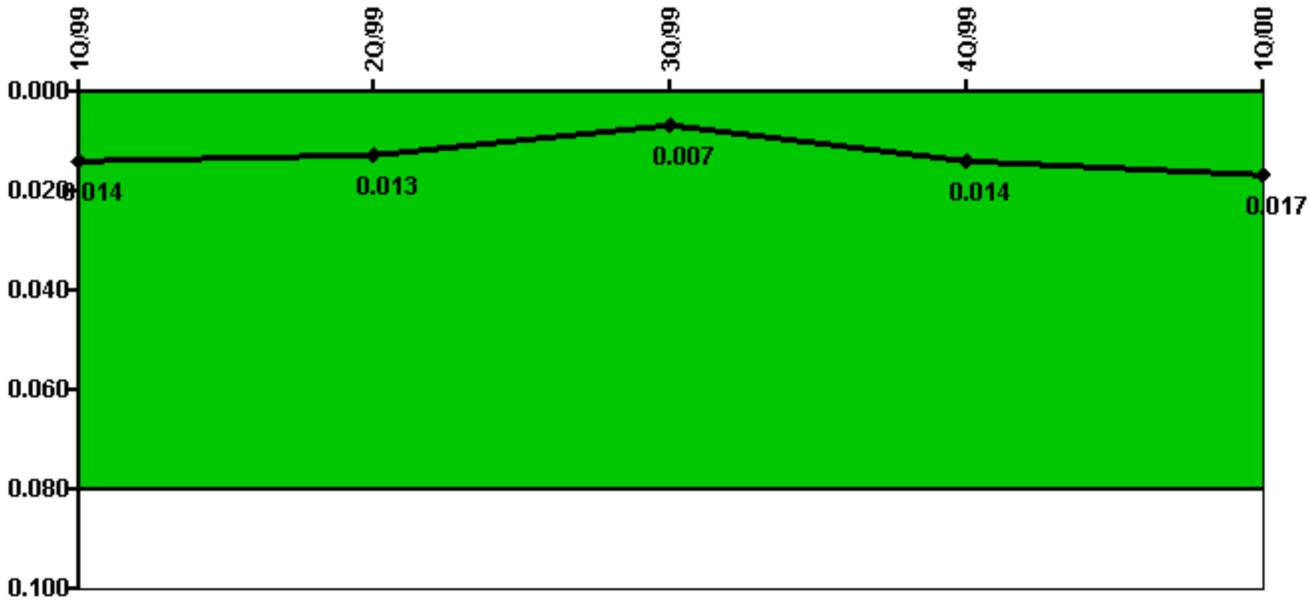
Thresholds: White > 1.0 Yellow > 3.0

#### 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



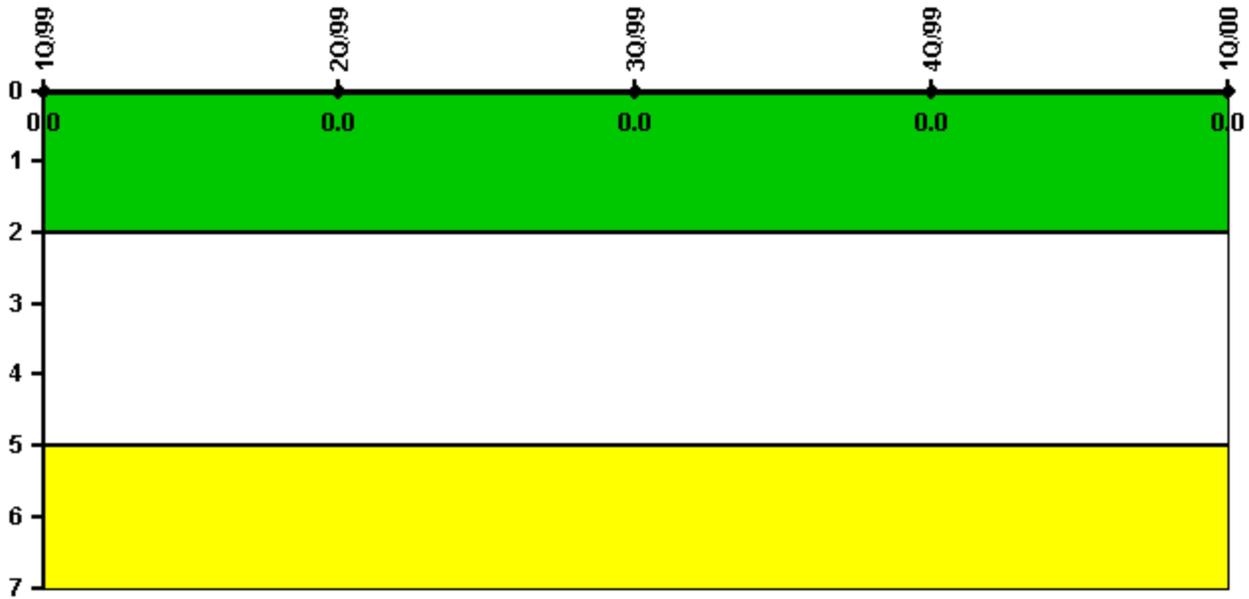
Thresholds: White > 0.080

#### Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	26.75	23.75	63.25	357.70	143.40
CCTV compensatory hours	8.3	37.5	2.8	0	17.6
IDS normalization factor	2.35	2.35	2.35	2.35	2.35
CCTV normalization factor	1.2	1.2	1.2	1.2	1.2
<b>Index Value</b>	<b>0.014</b>	<b>0.013</b>	<b>0.007</b>	<b>0.014</b>	<b>0.017</b>

Licensee Comments: none

### Personnel Screening Program



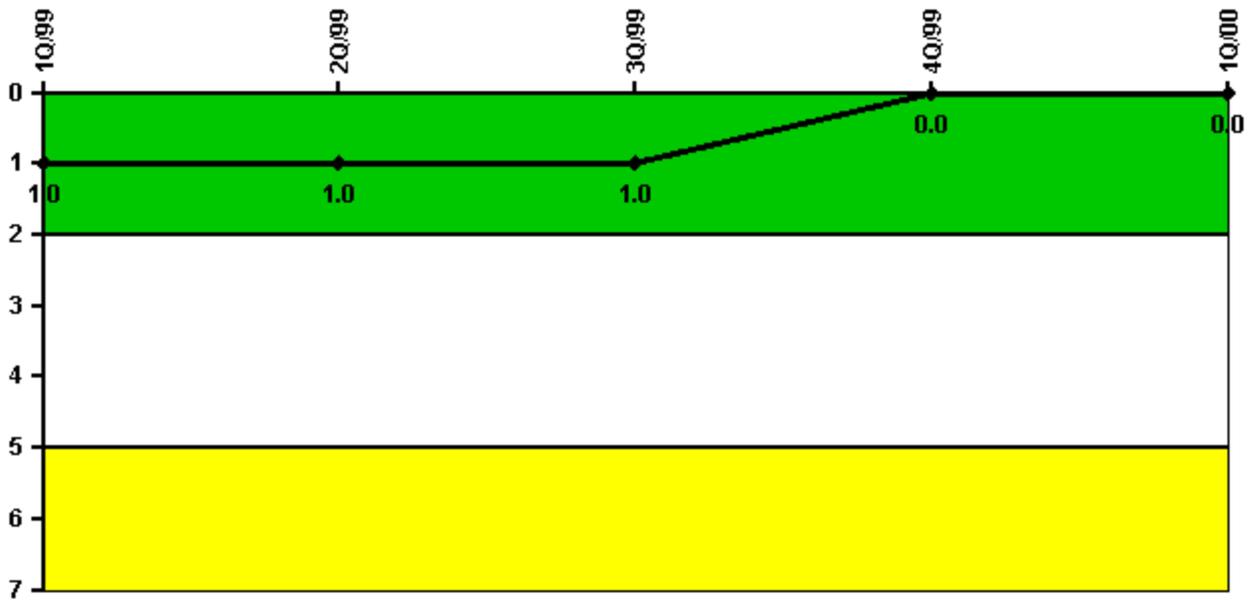
Thresholds: White > 2.0 Yellow > 5.0

#### 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	1	1	1	0	0

Licensee Comments: none

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Last Modified: April 1, 2002