

### Watts Bar 1

#### 1Q/2000 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



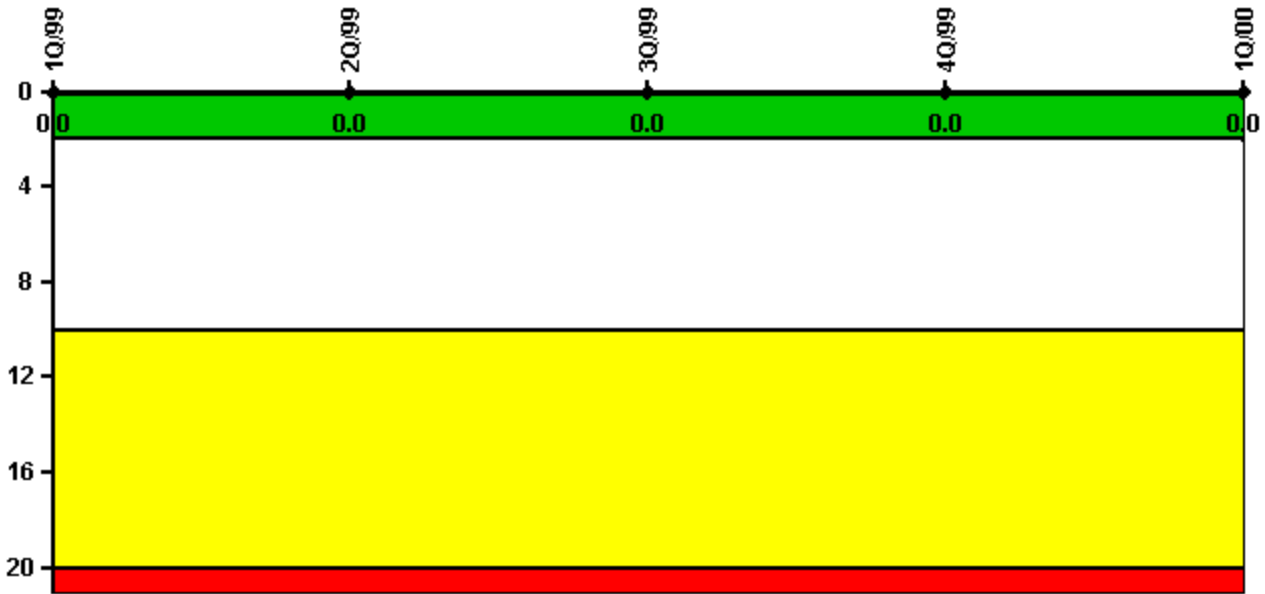
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	1368.0	1857.7	2208.0	2209.0	2184.0
Indicator value	0	0	0	0	0

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



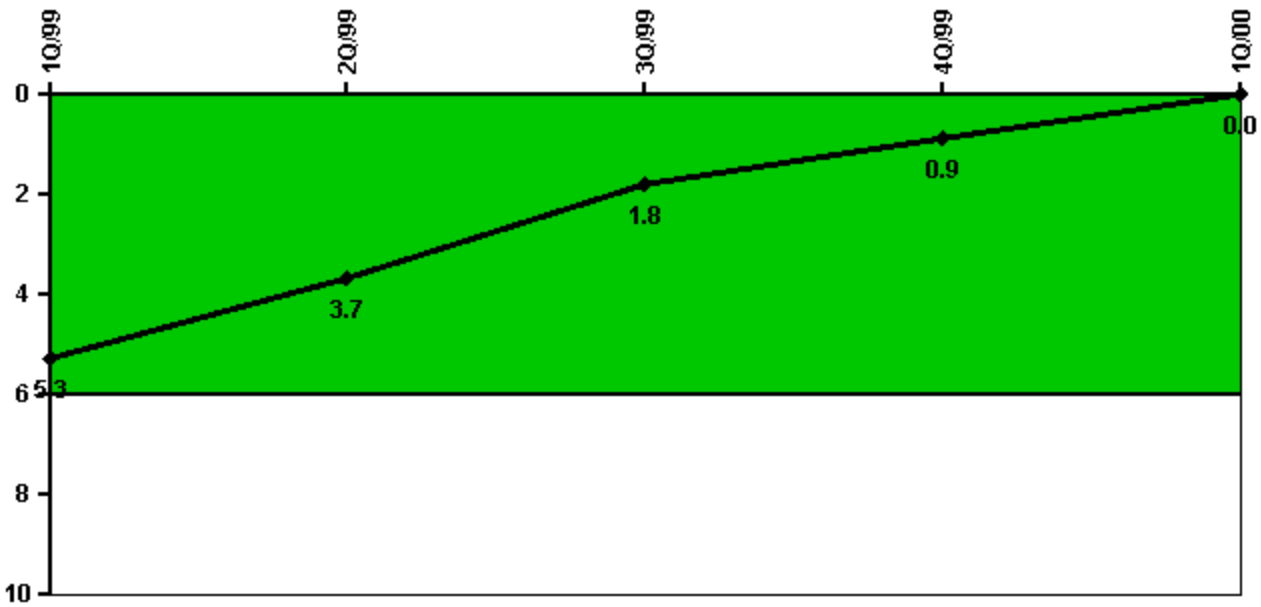
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### 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	0	0	0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



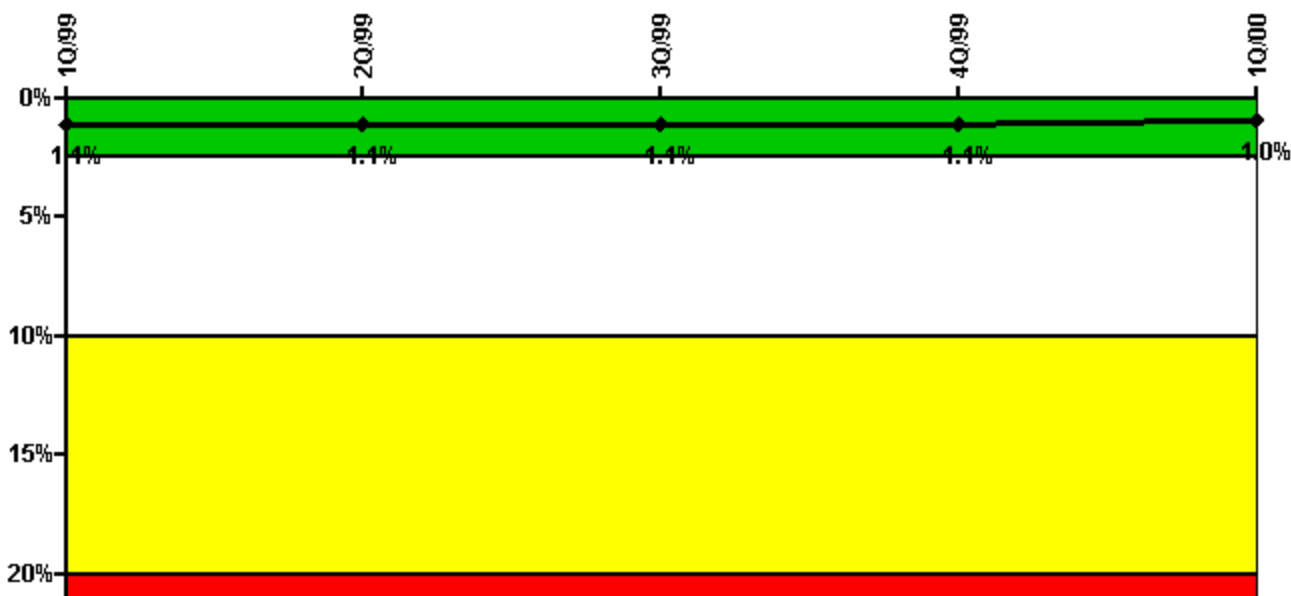
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	1.0	0	0	0	0
Critical hours	1368.0	1857.7	2208.0	2209.0	2184.0
<b>Indicator value</b>	<b>5.3</b>	<b>3.7</b>	<b>1.8</b>	<b>0.9</b>	<b>0</b>

Licensee Comments: none

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



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

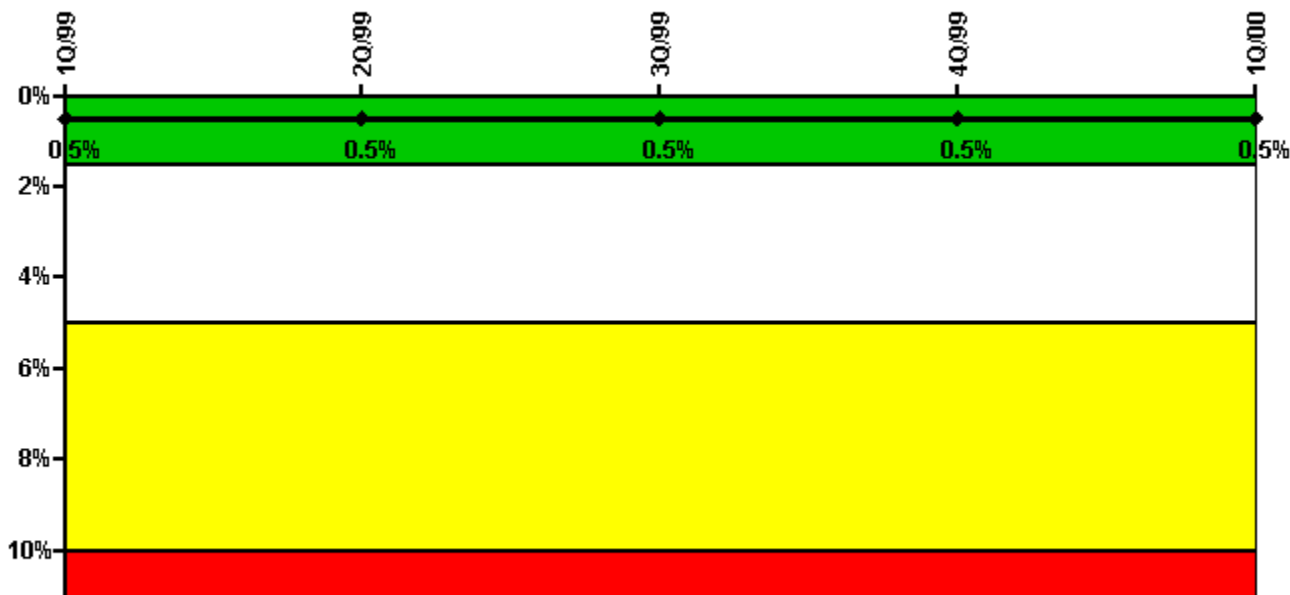
#### Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	3.94	1.49	1.38	11.50	20.91
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	1666.10	2127.50	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	1.59	18.34	11.19	2.08	2.00
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	1909.90	2071.00	2208.00	2209.00	2184.00
<b>Train 3</b>					
Planned unavailable hours	1.86	3.88	3.37	2.48	44.23
Unplanned unavailable hours	0	0	11.12	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1666.10	2128.00	2208.00	2209.00	2184.00
<b>Train 4</b>					
Planned unavailable hours	1.08	1.96	19.73	17.13	42.04
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	1909.90	2071.00	2208.00	2209.00	2184.00
<b>Indicator value</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.0%</b>

Licensee Comments:

1Q/00: 3/2000 - Train 3 and Train 4 - number of planned unavailable hours due to BATTERY DISCHARGE TEST

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



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

#### Notes

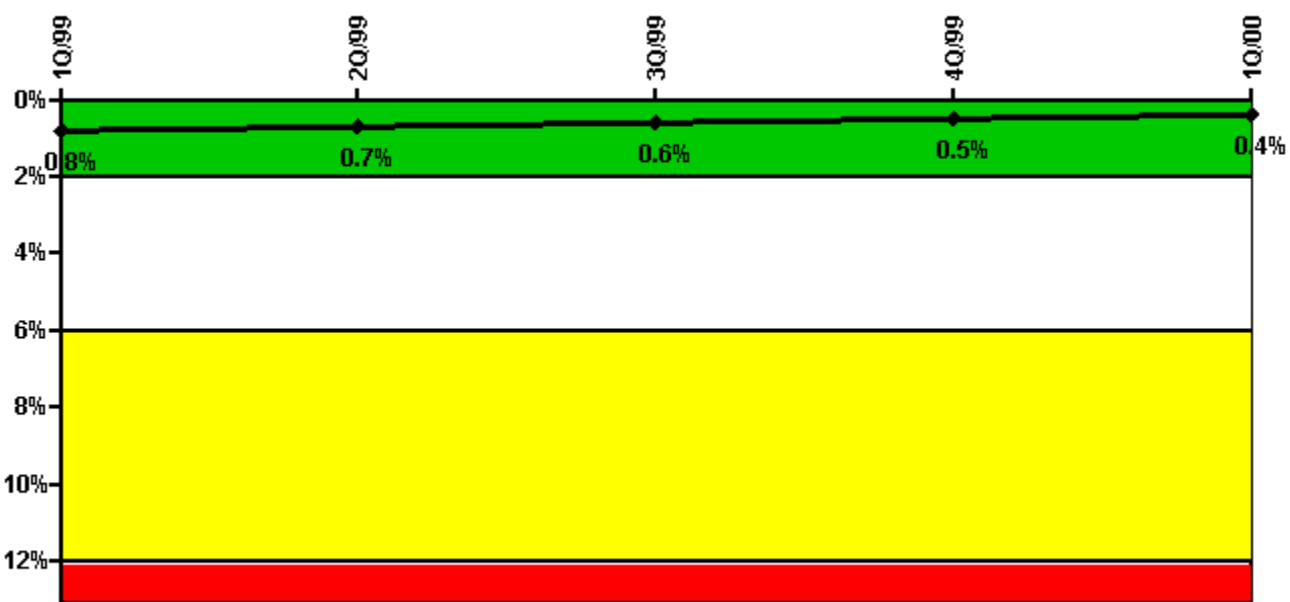
Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	1.20	19.90	0.20	6.50	27.90
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1378.20	1976.60	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	1.30	0	10.00	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	1383.10	2014.50	2208.00	2209.00	2184.00
<b>Train 3</b>					
Planned unavailable hours	14.20	12.20	28.50	16.00	1.00
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	1378.20	1976.60	2208.00	2209.00	2184.00
<b>Train 4</b>					
Planned unavailable hours	18.60	13.90	1.00	28.20	0.50

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	1378.20	1976.60	2208.00	2209.00	2184.00
Indicator value	0.5%	0.5%	0.5%	0.5%	0.5%

Licensee Comments:

1Q/00: 3/2000 - Train 1 - All unavailability was support system unavailability due to repair of broken welds ont the fan blade hub of the CCP 1A-A room cooler. (This fan blade problem was identified beacuse of vibration measurements exceeding their alert range.)

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



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

Notes

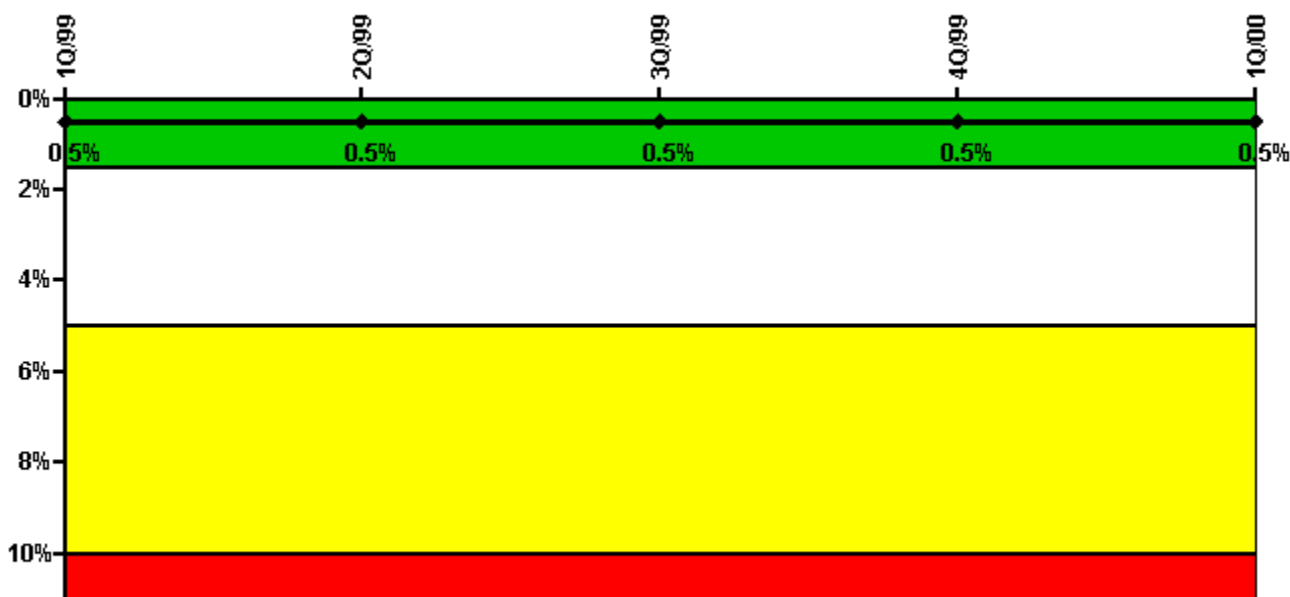
Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	6.60	0	5.90	0.30	0.10
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1383.00	2004.50	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	0.70	5.50	0	1.10	24.80
Unplanned unavailable hours	0	7.10	1.50	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0

Required hours	1383.00	1977.00	2208.00	2209.00	2184.00
<b>Train 3</b>					
Planned unavailable hours	0.50	1.00	1.00	1.10	2.10
Unplanned unavailable hours	2.90	0	1.40	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1378.00	1977.00	2208.00	2209.00	2184.00
<b>Indicator value</b>	<b>0.8%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>0.5%</b>	<b>0.4%</b>

Licensee Comments:

1Q/00: Feb 2000 - Train 2 - AFW B - 0.2 hours of the 24.8 hours of Planned unavailability in Feb. is conservatively estimated based on previous performances of 1-SI-3-903-A & B for the removal of pipe cap off of Tell-Tale valve.

### Safety System Unavailability, Residual Heat Removal System



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

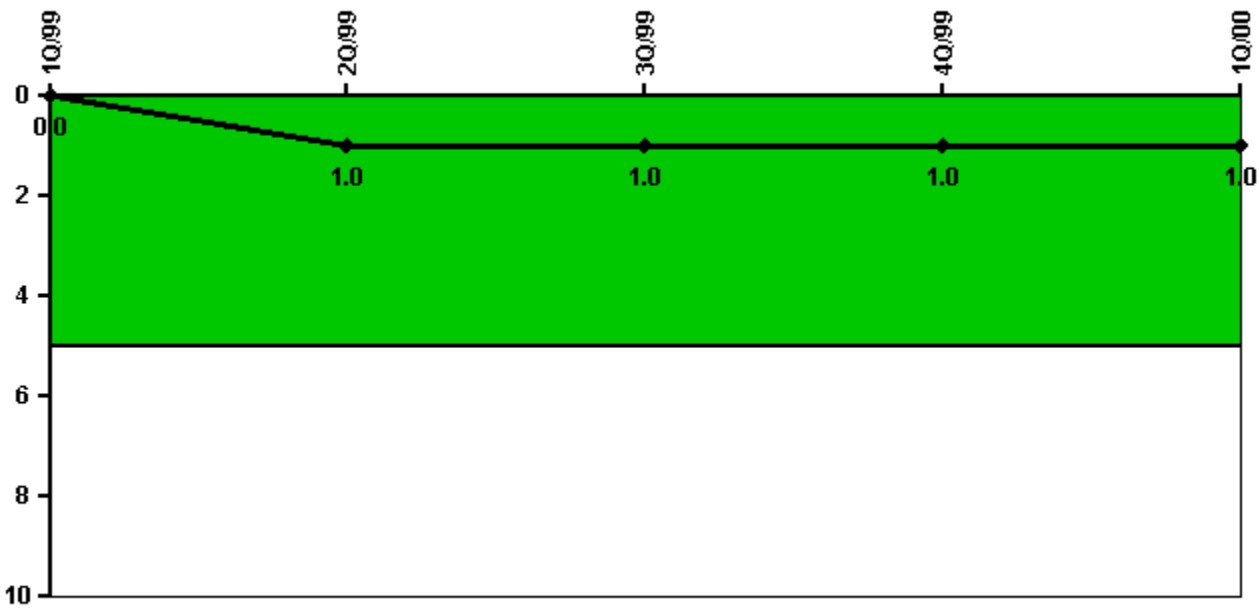
Notes

Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	21.27	11.90	1.00	1.90	1.70
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	2154.40	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	18.70	1.10	13.60	10.10	1.40

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	2042.80	2208.00	2209.00	2184.00
Indicator value	0.5%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

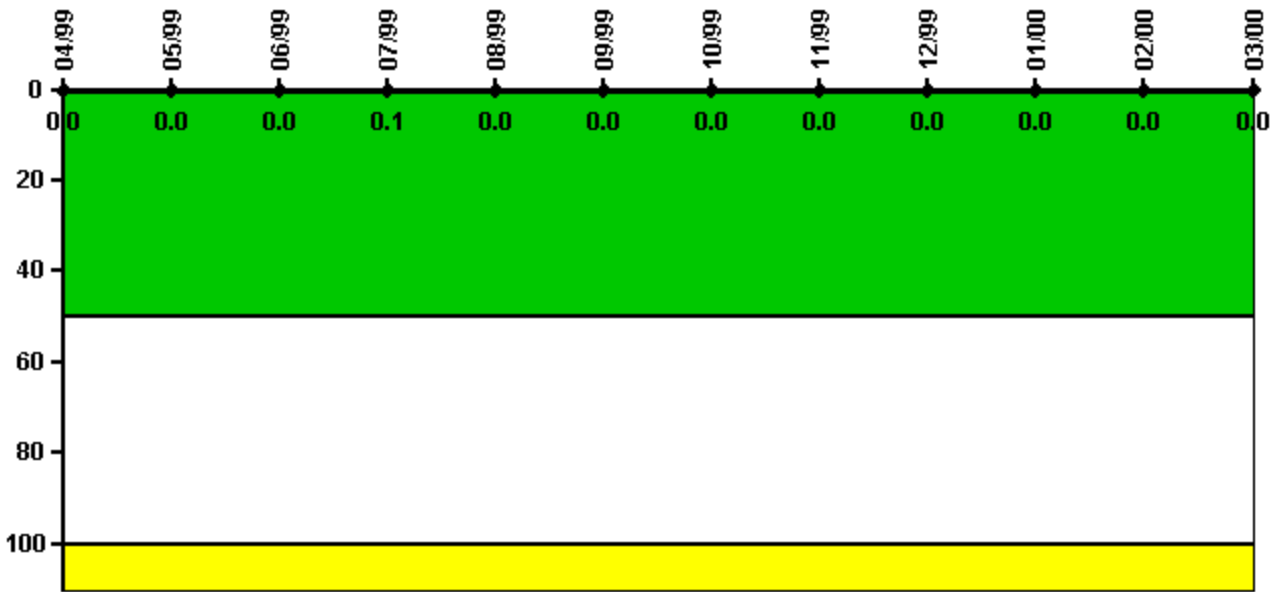
### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



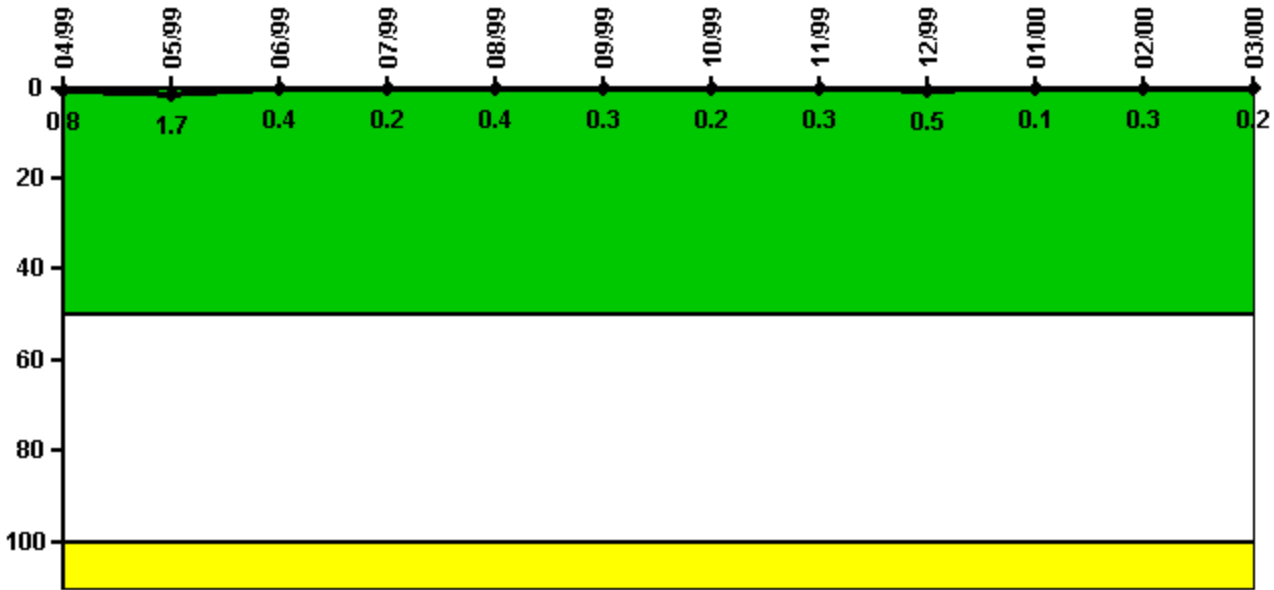
Thresholds: White > 50.0 Yellow > 100.0

#### 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	0.000082	0.000240	0.000220	0.000550	0.000245	0.000280	0.000280	0.000336	0.000290	0.000320	0.000300	0.000300
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	0	0	0.1	0	0	0	0	0	0	0	0

Licensee Comments: none

### Reactor Coolant System Leakage



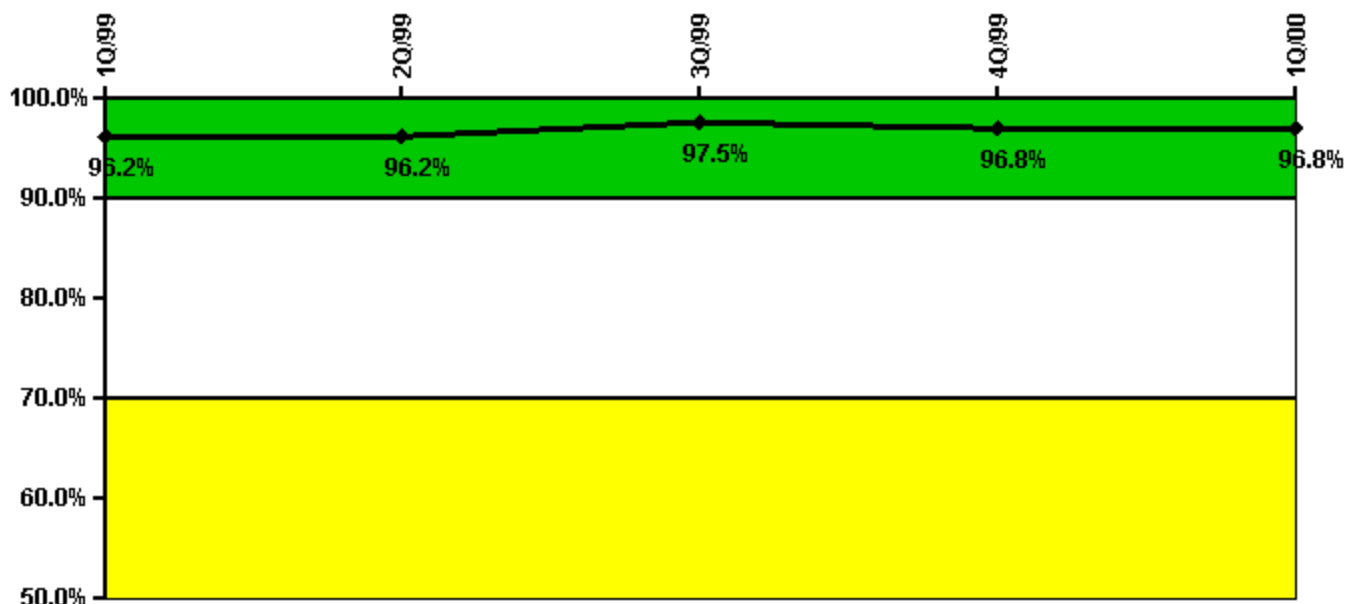
Thresholds: White > 50.0 Yellow > 100.0

#### 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	0.080	0.170	0.040	0.020	0.040	0.030	0.020	0.030	0.050	0.010	0.030	0.020
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	0.8	1.7	0.4	0.2	0.4	0.3	0.2	0.3	0.5	0.1	0.3	0.2

Licensee Comments: none

### Drill/Exercise Performance



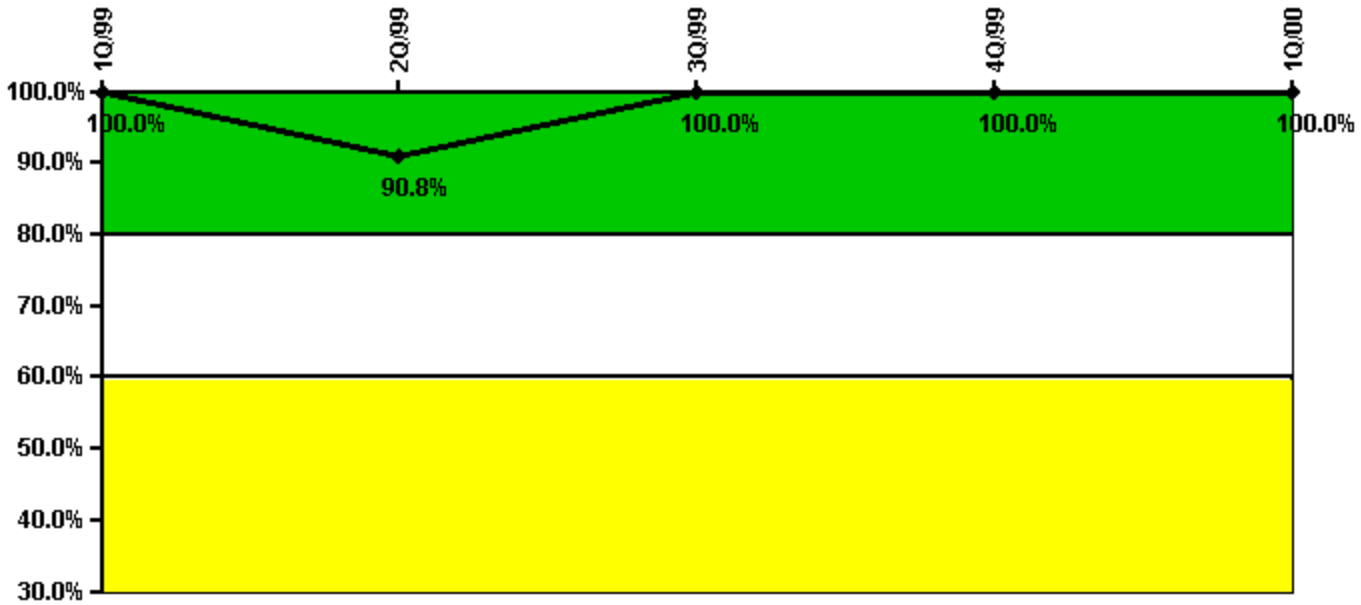
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	0	4.0	43.0	26.0	0
Total opportunities	0	4.0	43.0	28.0	0
<b>Indicator value</b>	<b>96.2%</b>	<b>96.2%</b>	<b>97.5%</b>	<b>96.8%</b>	<b>96.8%</b>

Licensee Comments: none

### ERO Drill Participation



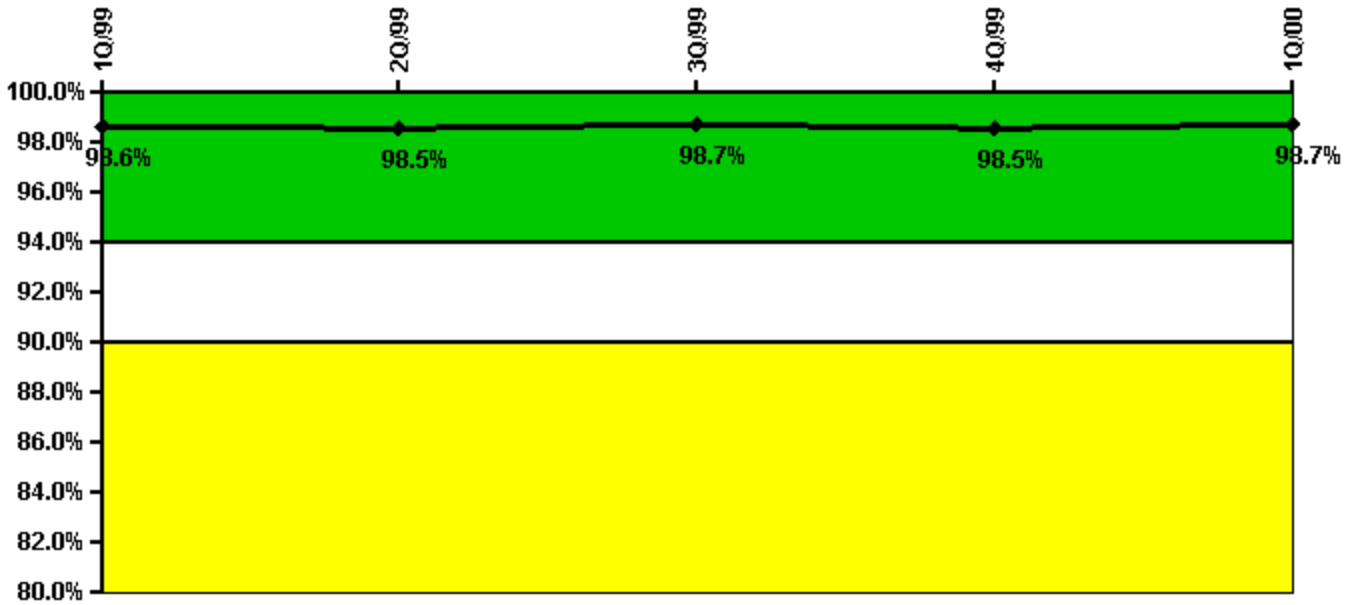
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	58.0	59.0	65.0	50.0	49.0
Total Key personnel	58.0	65.0	65.0	50.0	49.0
Indicator value	100.0%	90.8%	100.0%	100.0%	100.0%

Licensee Comments: none

### Alert & Notification System



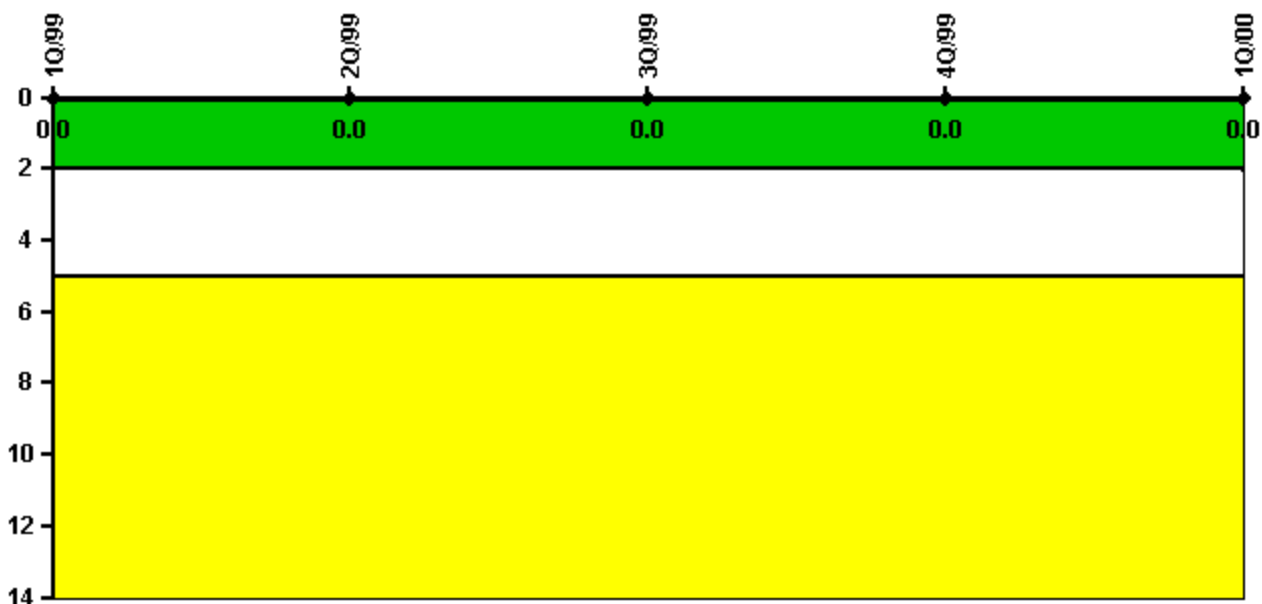
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	877	679	982	681	881
Total sirens-tests	891	693	990	693	891
Indicator value	98.6%	98.5%	98.7%	98.5%	98.7%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



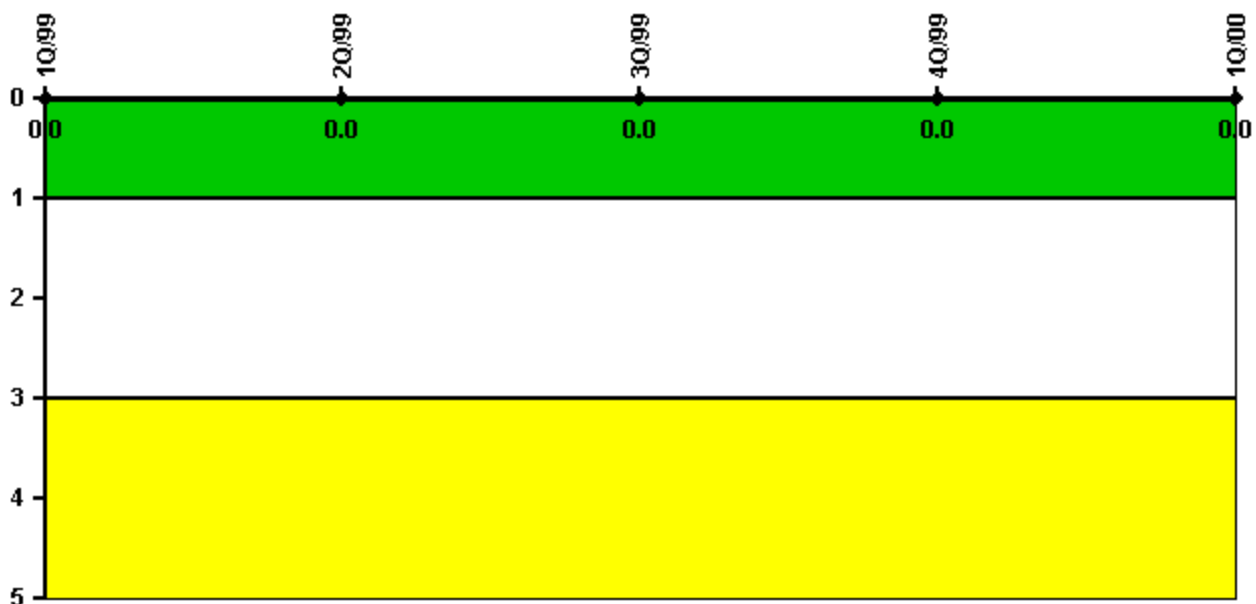
Thresholds: White > 2.0 Yellow > 5.0

#### 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



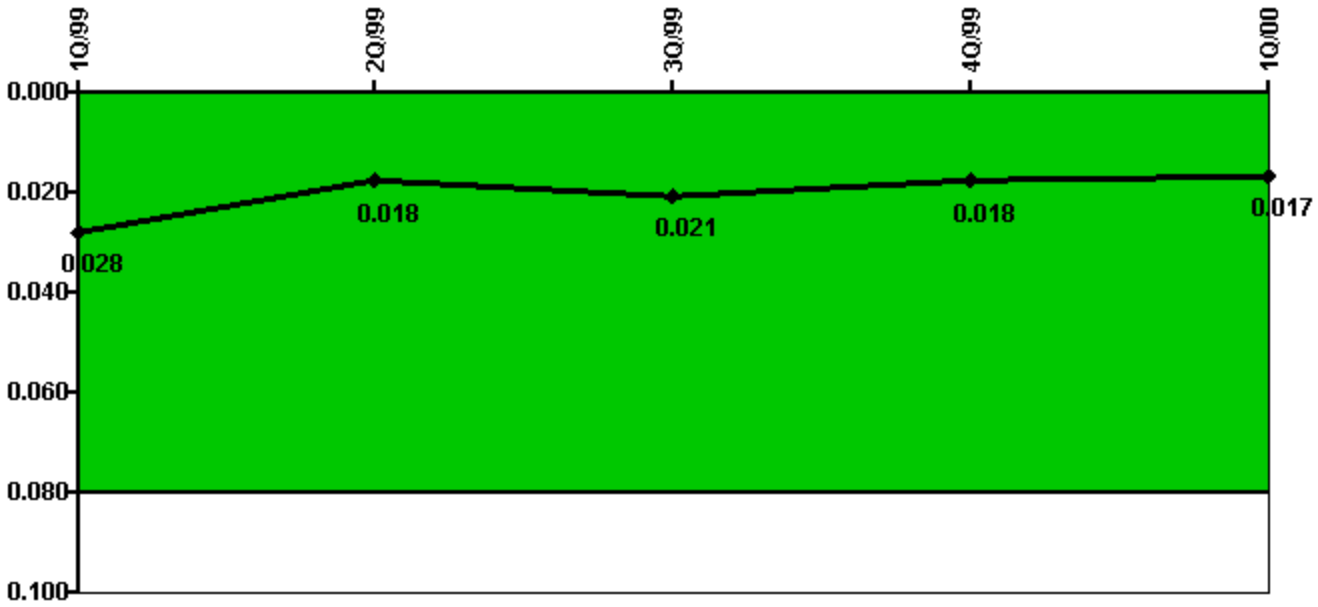
Thresholds: White > 1.0 Yellow > 3.0

#### 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

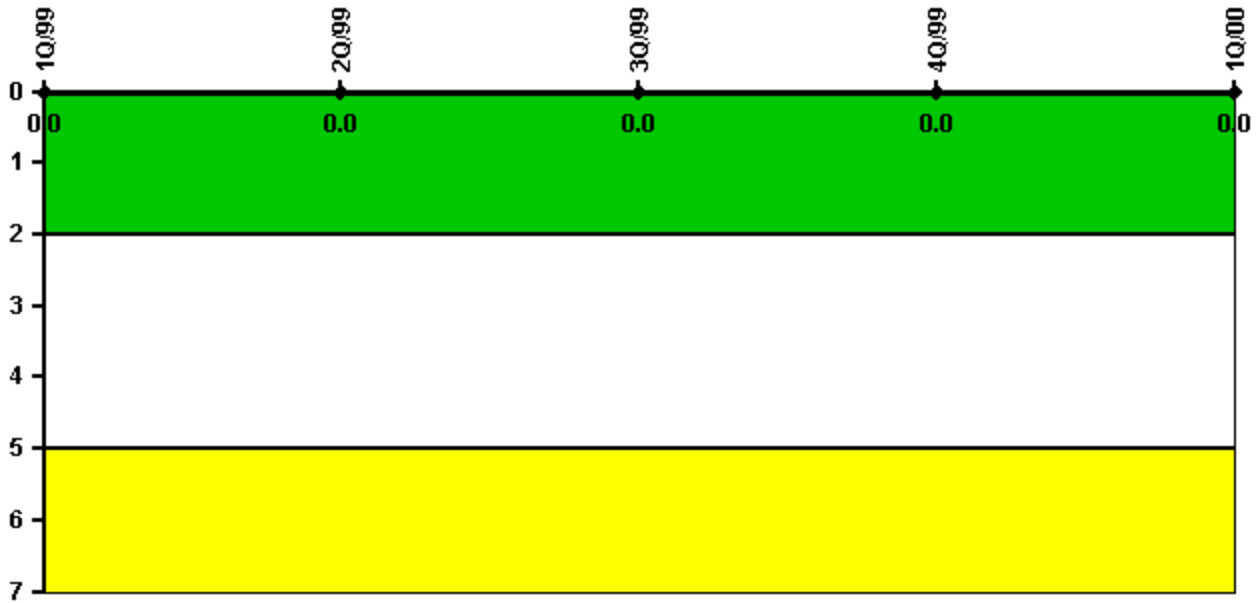
#### Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	160.00	139.00	191.00	274.40	100.70
CCTV compensatory hours	0	4.0	0	0	1.8
IDS normalization factor	2.40	2.40	2.40	2.40	2.40
CCTV normalization factor	2.1	2.1	2.1	2.1	2.1
<b>Index Value</b>	<b>0.028</b>	<b>0.018</b>	<b>0.021</b>	<b>0.018</b>	<b>0.017</b>

Licensee Comments: none



### Personnel Screening Program



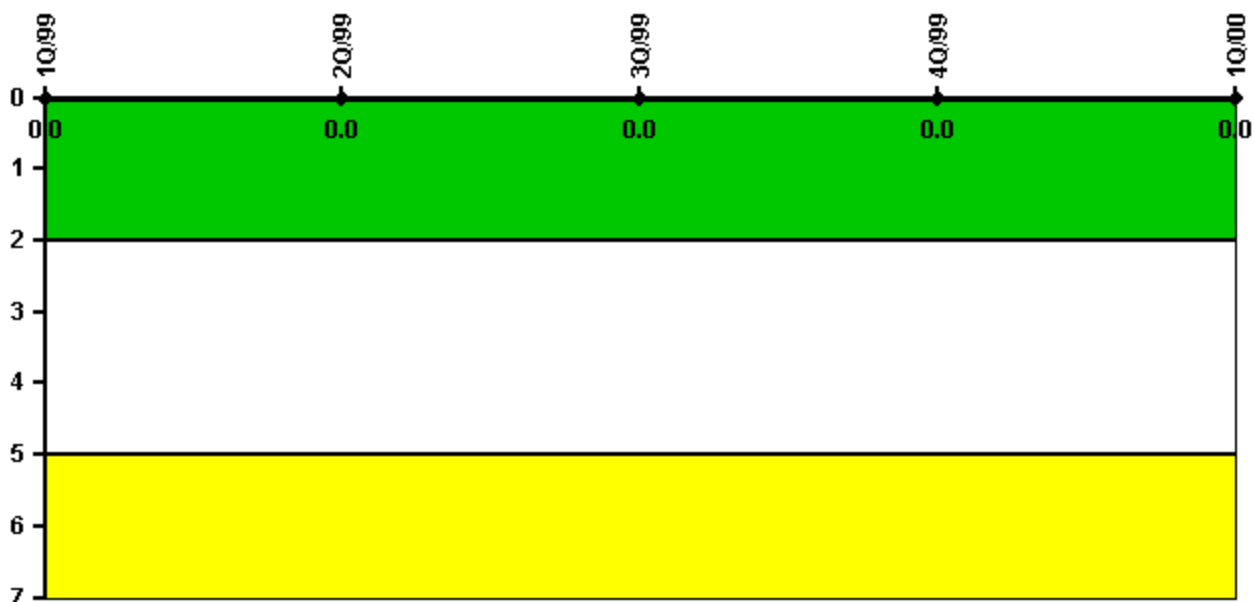
Thresholds: White > 2.0 Yellow > 5.0

#### 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	0	0	0	0	0

Licensee Comments: none

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Last Modified: April 1, 2002