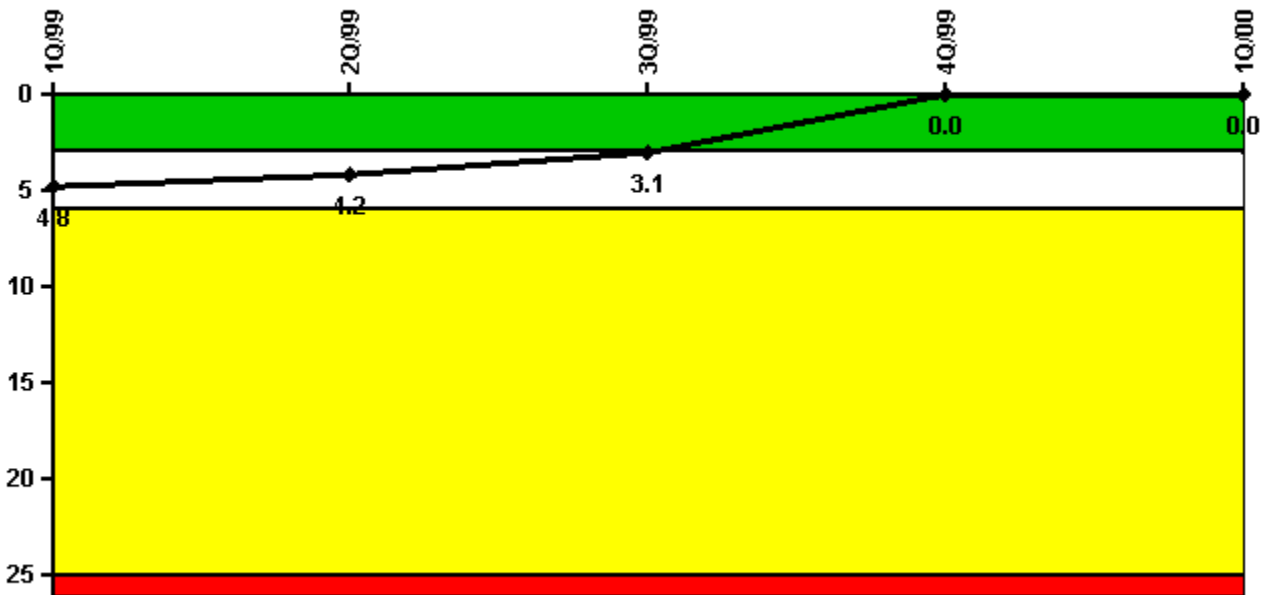


### Millstone 3

#### 1Q/2000 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



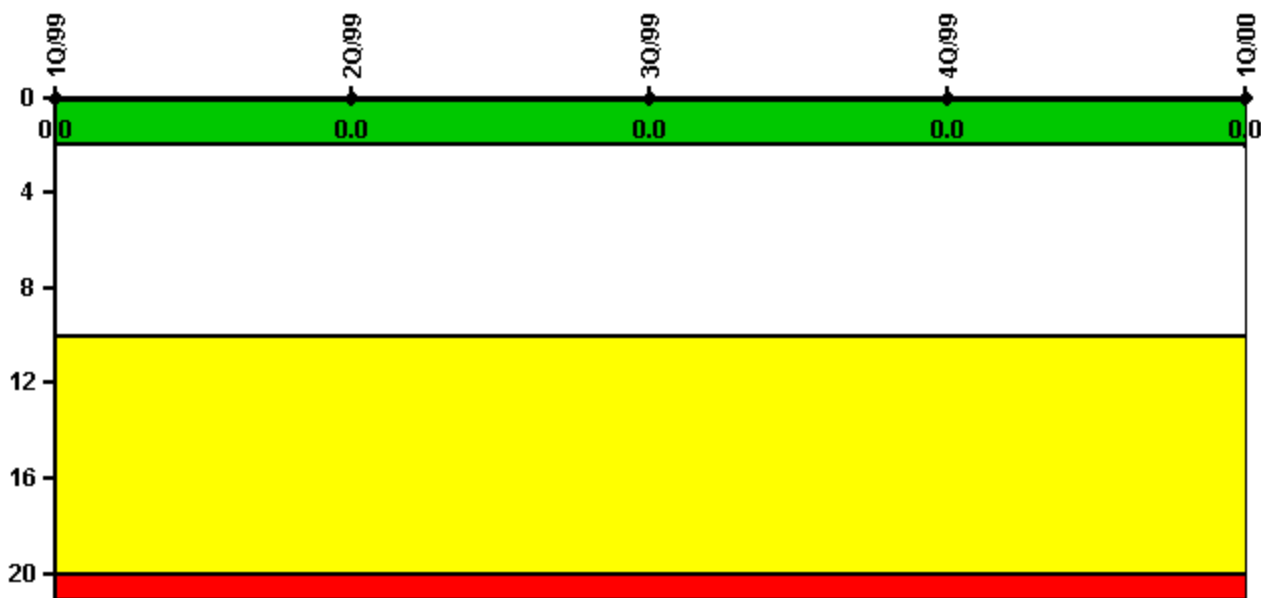
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### 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	2160.0	826.7	2208.0	2209.0	2184.0
<b>Indicator value</b>	<b>4.8</b>	<b>4.2</b>	<b>3.1</b>	<b>0</b>	<b>0</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

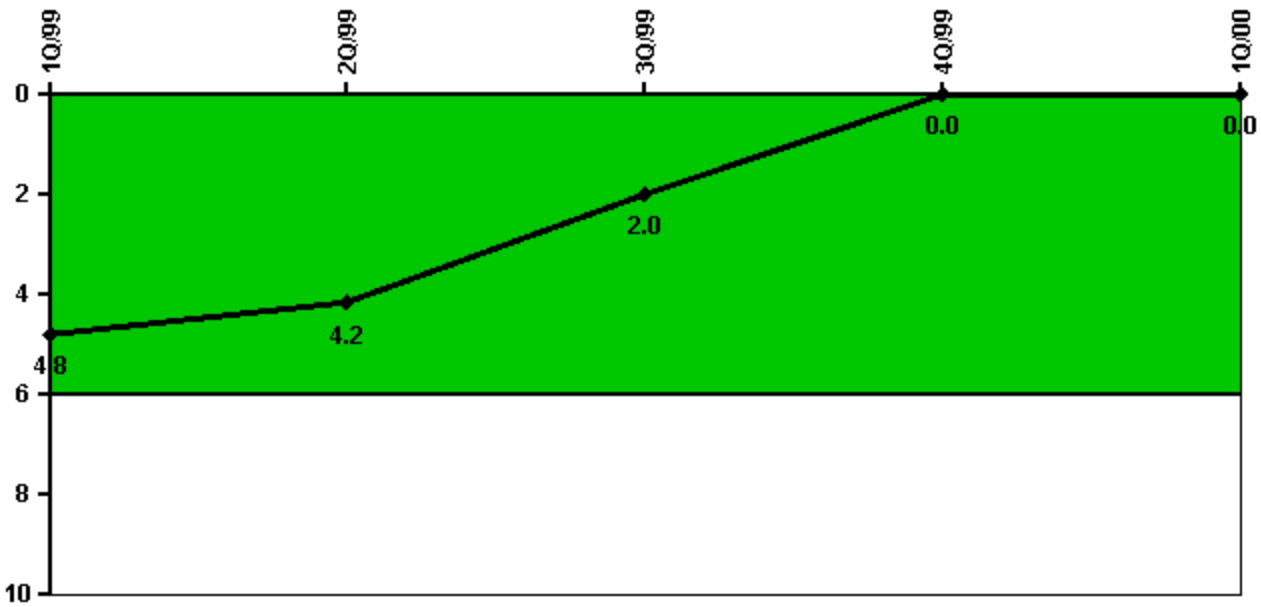
#### Notes

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	0	0	0

#### Licensee Comments:

4Q/98: Revised the 4th quarter 1998 data to remove the two SCRAMs (1 in Nov. And 1 in Dec). In September 2000, these scrams were reviewed against the criteria of NEI 99-02, Rev. 0 and it was determined that they did not involve a loss of the normal heat removal path based on the following: a) The main condenser remained available as a heat removal path during both events, b) Feedwater isolation (as a result of a reactor trip coincident with low Tavg) and automatic AFW actuation is a normal post-scrum response, and c) The December 1998 Main Steam Isolation Valve (MSIV) closure only affected a single valve - the other 3 MSIVs remained open to provide a heat removal path to the main condenser.

### Unplanned Power Changes per 7000 Critical Hrs



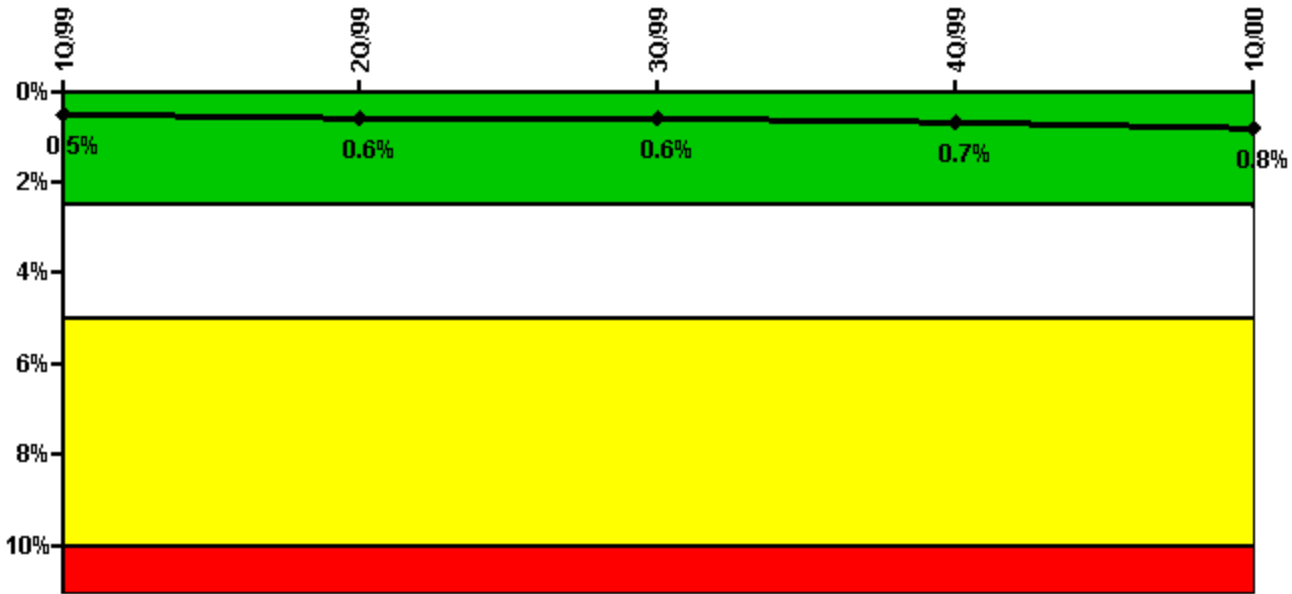
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	2160.0	826.7	2208.0	2209.0	2184.0
Indicator value	4.8	4.2	2.0	0	0

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



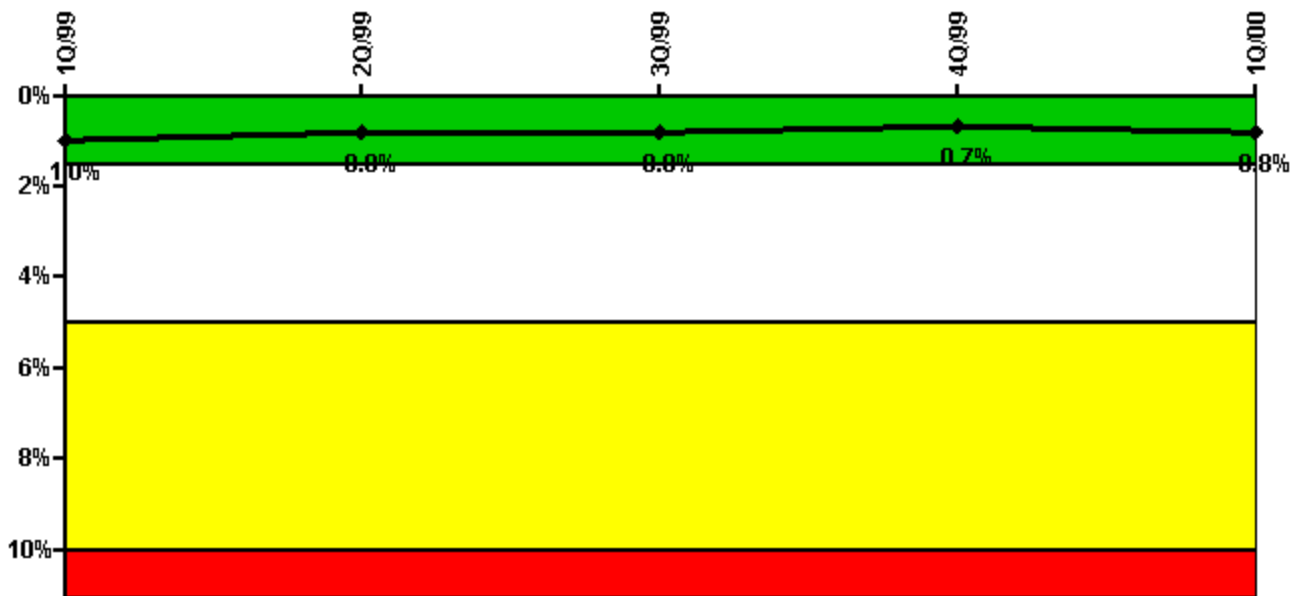
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	21.60	12.37	24.27	19.30	36.55
Unplanned unavailable hours	19.30	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	23.70	7.40	16.34	20.72	25.03
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>0.5%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.8%</b>

Licensee Comments: none

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



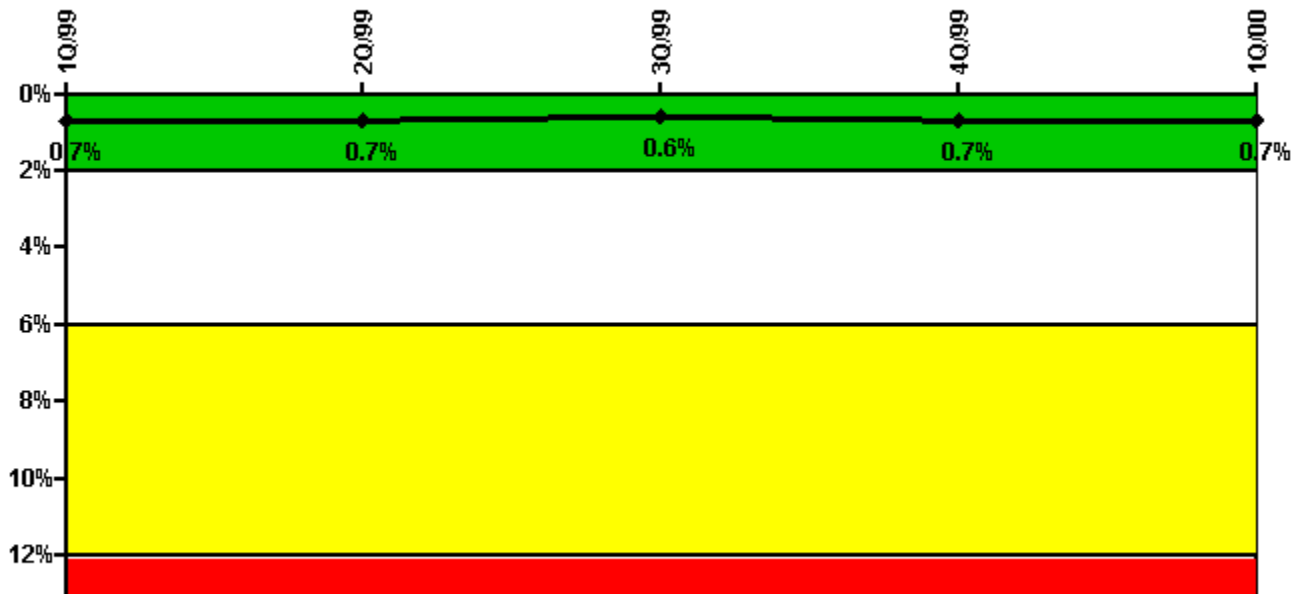
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	22.70	0.10	9.07	11.44	22.40
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	826.70	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	10.06	1.50	9.68	13.65	22.52
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	826.70	2208.00	2209.00	2184.00
<b>Train 3</b>					
Planned unavailable hours	26.42	0	18.86	12.84	20.90
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	2160.00	826.70	2208.00	2209.00	2184.00
<b>Train 4</b>					
Planned unavailable hours	17.01	0.10	5.92	21.89	9.51
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	826.70	2208.00	2209.00	2184.00
<b>Indicator value</b>	<b>1.0%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.7%</b>	<b>0.8%</b>

Licensee Comments: none

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



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

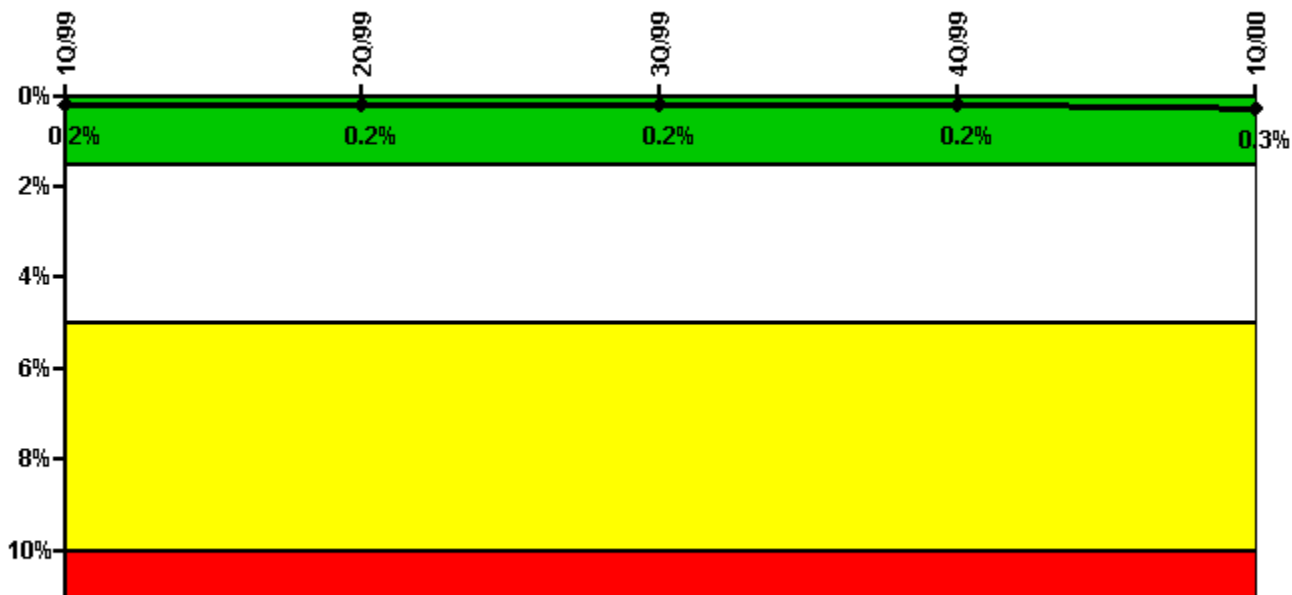
#### Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	4.14	8.75	13.53	9.88	9.92
Unplanned unavailable hours	0.20	0.42	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	826.70	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	10.98	0.87	15.58	3.95	11.45
Unplanned unavailable hours	1.96	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	826.10	2208.00	2209.00	2184.00
<b>Train 3</b>					
Planned unavailable hours	4.80	3.76	9.60	13.47	5.96
Unplanned unavailable hours	0	0	1.40	26.03	10.28
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	826.10	2208.00	2209.00	2184.00
<b>Indicator value</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.7%</b>

Licensee Comments:

1Q/00: Revised Q1 2000 unplanned hours on train 3, identified discrepancy during data review. This revision does not result in crossing a threshold/ performance color change.

### Safety System Unavailability, Residual Heat Removal System



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

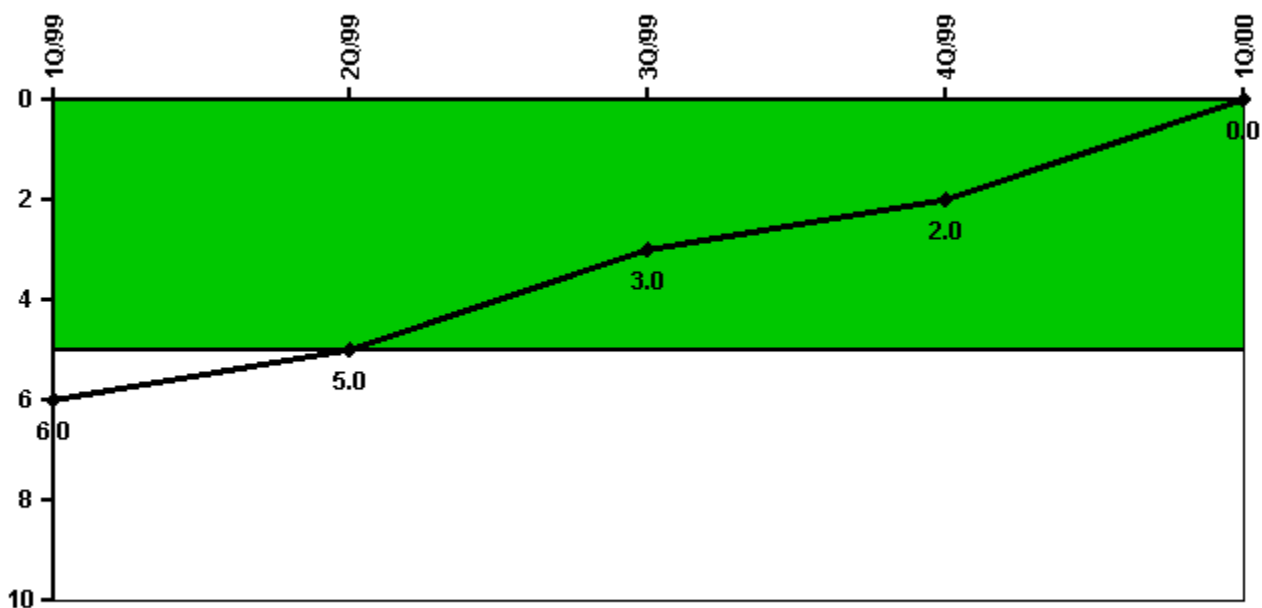
### Notes

Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	14.65	4.60	10.81	23.60	9.70
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	2183.00	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	19.94	15.80	4.68	13.54	17.60
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 3</b>					
Planned unavailable hours	19.00	0	0	10.30	9.08
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 4</b>					
Planned unavailable hours	13.20	0	0	17.40	3.70

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	2183.00	2208.00	2209.00	2184.00
Indicator value	0.2%	0.2%	0.2%	0.2%	0.3%

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

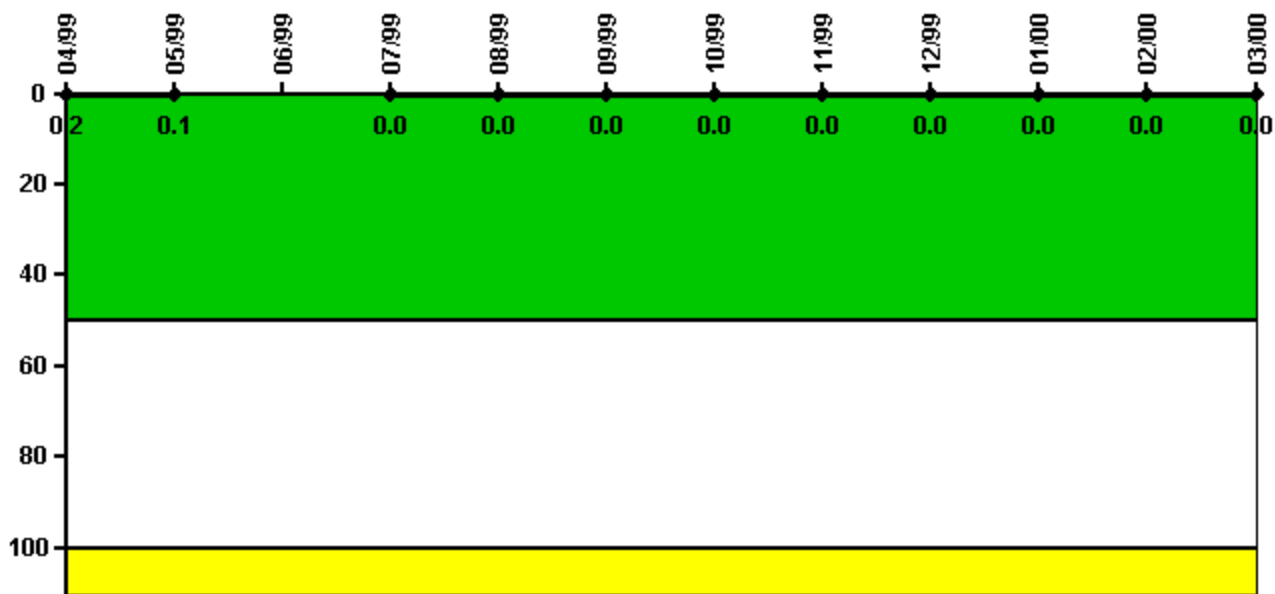
### Notes

Safety System Functional Failures (PWR)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Safety System Functional Failures	2	0	0	0	0
Indicator value	6	5	3	2	0

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	0.001910	0.000879	N/A	0.000363	0.000358	0.000360	0.000335	0.000348	0.000362	0.000424	0.000442	0.000486
Technical specification limit	1.0	1.0	N/A	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	N/A	0	0	0	0	0	0	0	0	0

#### Licensee Comments:

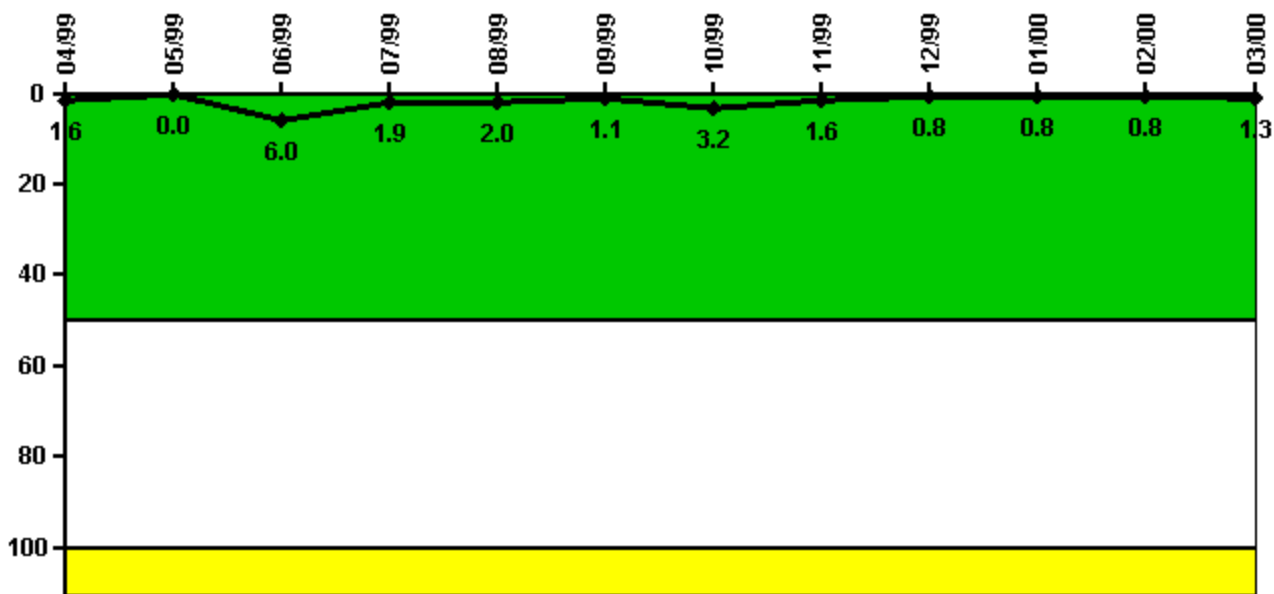
3/00: Revised the first quarter data to reflect the maximum monthly activity vs. the average monthly activity to be consistent with the requirements of NEI 99-02. This revision does not result in crossing a threshold/performance color change.

6/99: Replaced 6/99 null value with NA since the unit was shutdown for refueling.

6/98: Replaced null values for the second quarter since the unit was shut down for recovery.

3/98: Replaced null values for the first quarter since the unit was shut down for recovery.

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

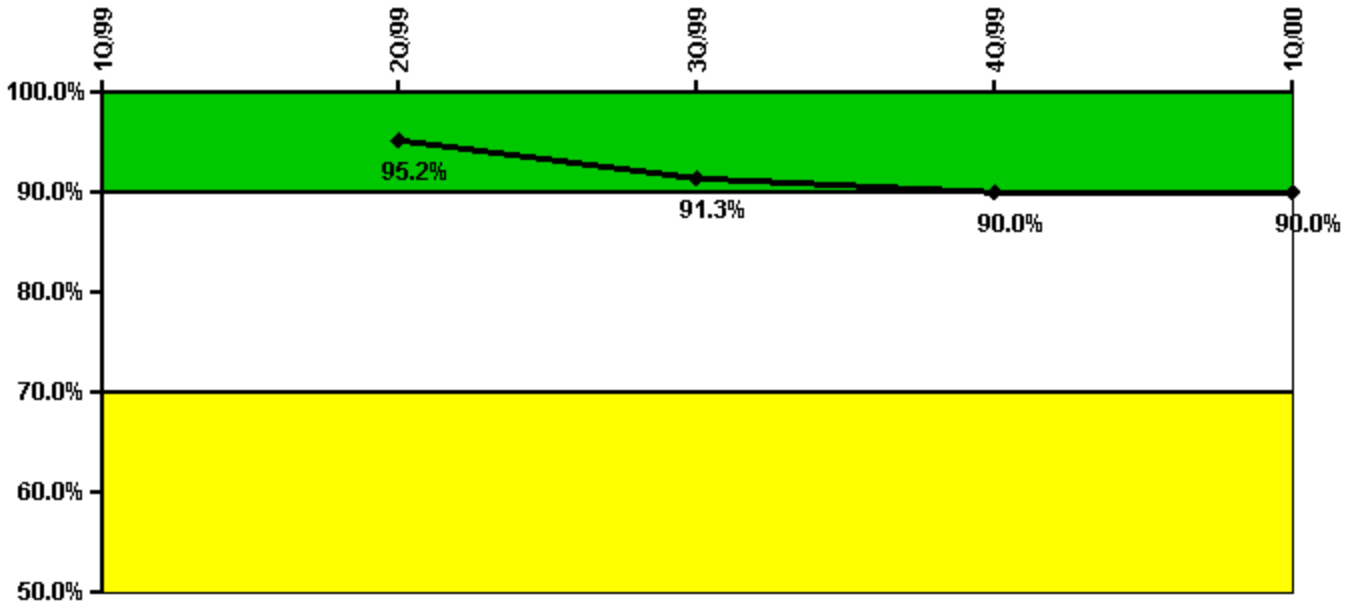
Reactor Coolant System Leakage	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	0.160	0	0.596	0.187	0.198	0.110	0.320	0.160	0.080	0.075	0.084	0.127
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	0	6.0	1.9	2.0	1.1	3.2	1.6	0.8	0.8	0.8	1.3

Licensee Comments:

6/98: Replaced null values for the second quarter since the unit was shut down for recovery.

3/98: Replaced null values for the first quarter since the unit was shut down for recovery.

### Drill/Exercise Performance



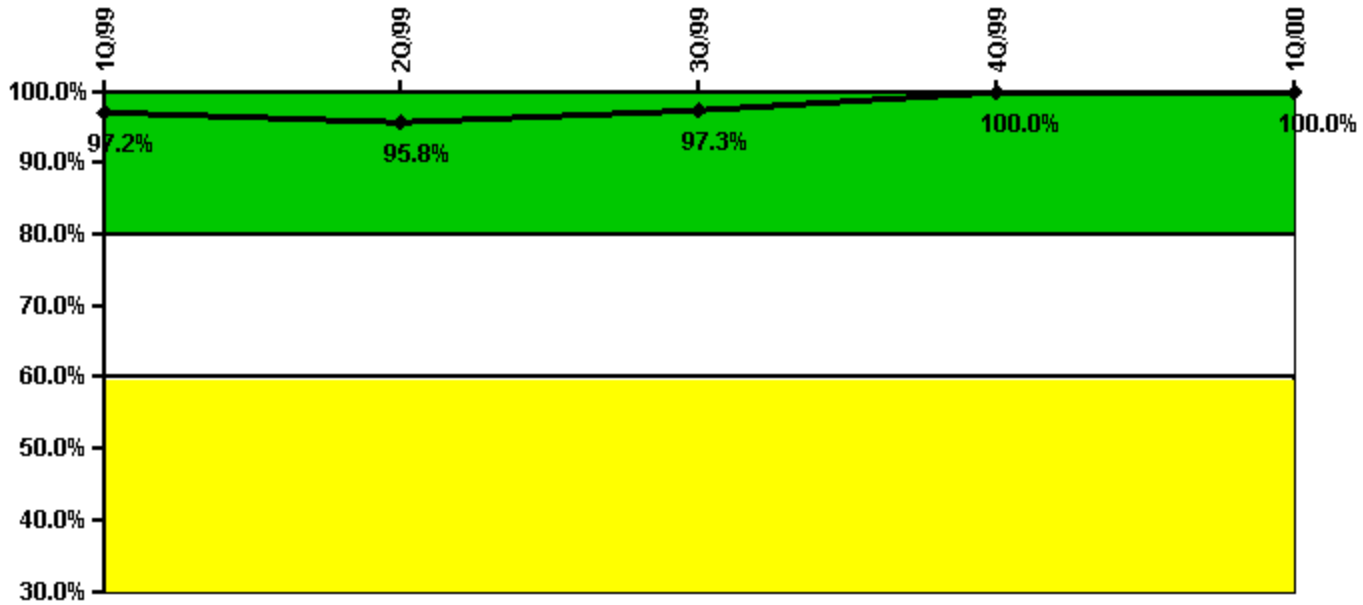
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	0	2.0	15.0	12.0	27.0
Total opportunities	0	2.0	20.0	14.0	28.0
<b>Indicator value</b>		<b>95.2%</b>	<b>91.3%</b>	<b>90.0%</b>	<b>90.0%</b>

Licensee Comments: none

### ERO Drill Participation



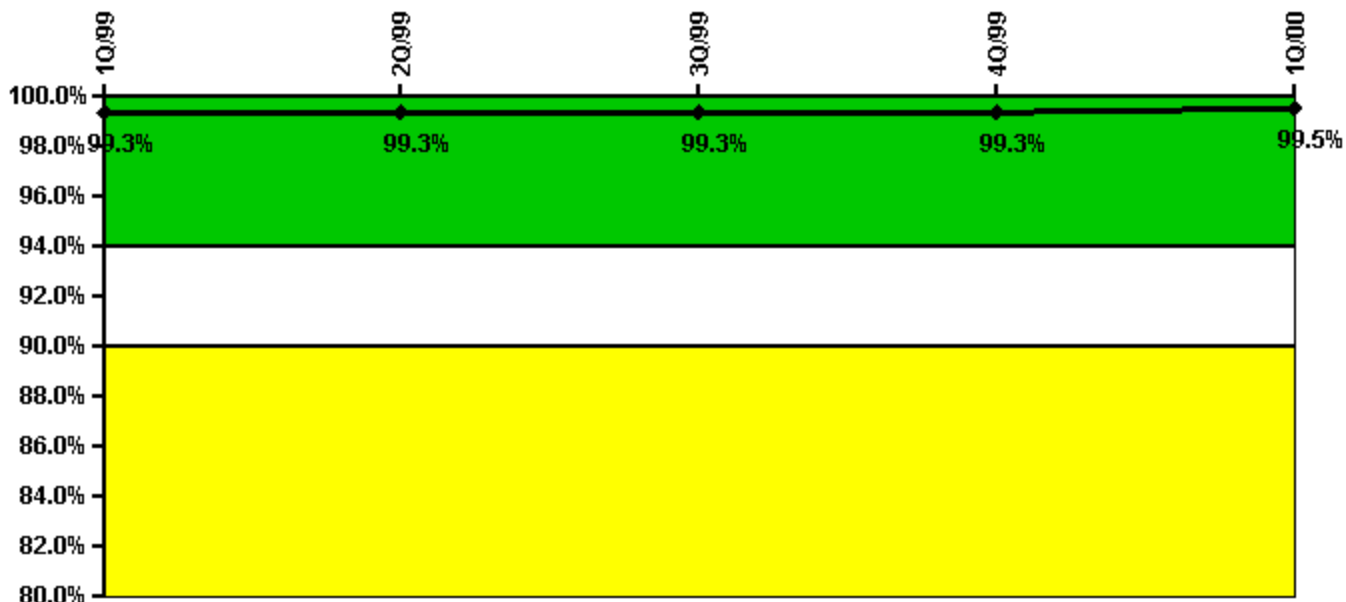
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	70.0	69.0	71.0	74.0	76.0
Total Key personnel	72.0	72.0	73.0	74.0	76.0
<b>Indicator value</b>	<b>97.2%</b>	<b>95.8%</b>	<b>97.3%</b>	<b>100.0%</b>	<b>100.0%</b>

Licensee Comments: none

### Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

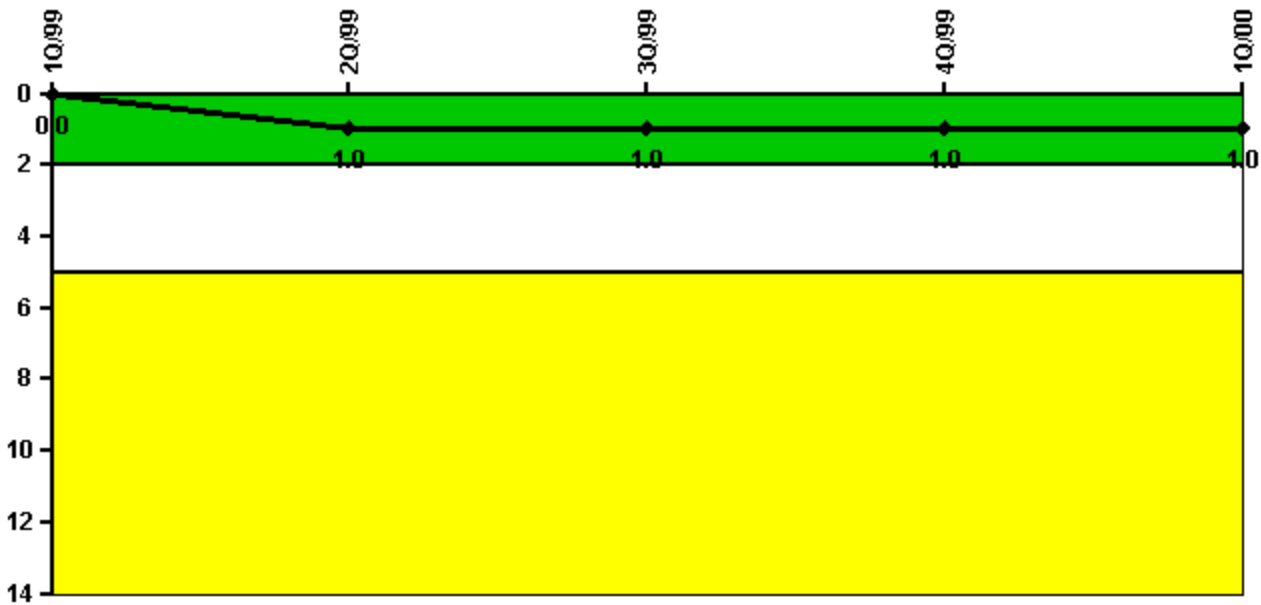
#### Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	328	329	336	335	304
Total sirens-tests	334	331	337	336	306
Indicator value	99.3%	99.3%	99.3%	99.3%	99.5%

#### Licensee Comments:

1Q/00: The reporting data was found to be inconsistent with industry norms and not reflective of all tests conducted. Previously reported siren encoder tests were removed, as were 11 sirens located outside of the plume exposure zone. The quarterly growl tests conducted in the 4th quarter, not previously reported, were added in. Adjusting the data had minimal effects on the indicator values and did not result in any threshold being crossed. Consistent with the guidance provided in NEI 99-02 the data has only been corrected back to the 1st quarter 2000.

### Occupational Exposure Control Effectiveness



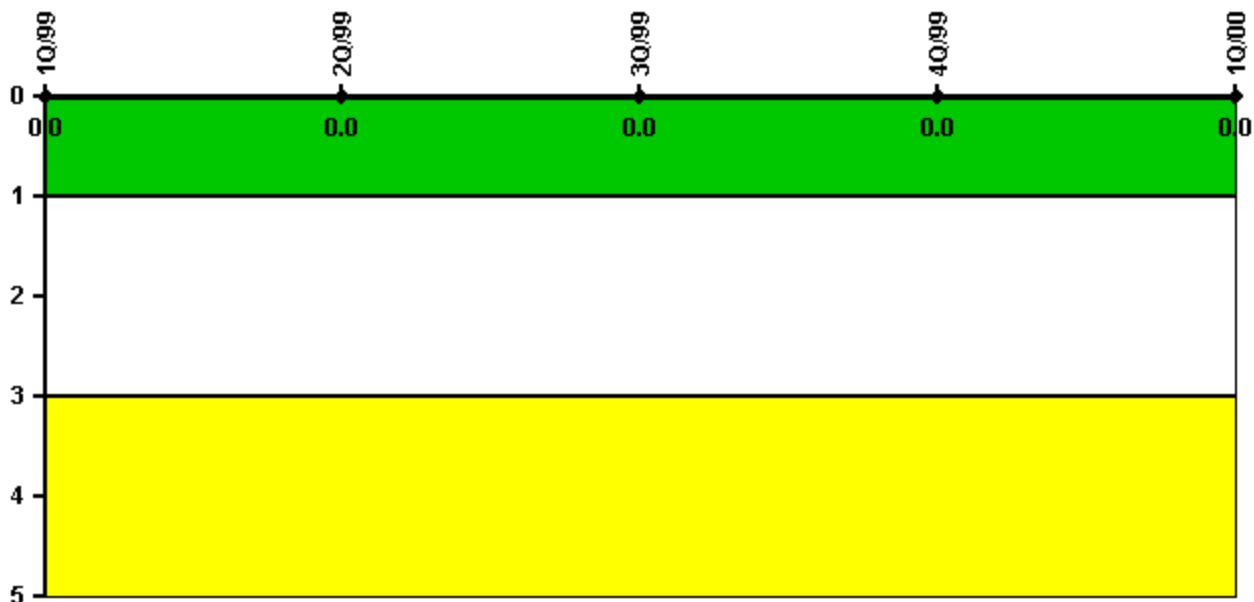
Thresholds: White > 2.0 Yellow > 5.0

#### 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



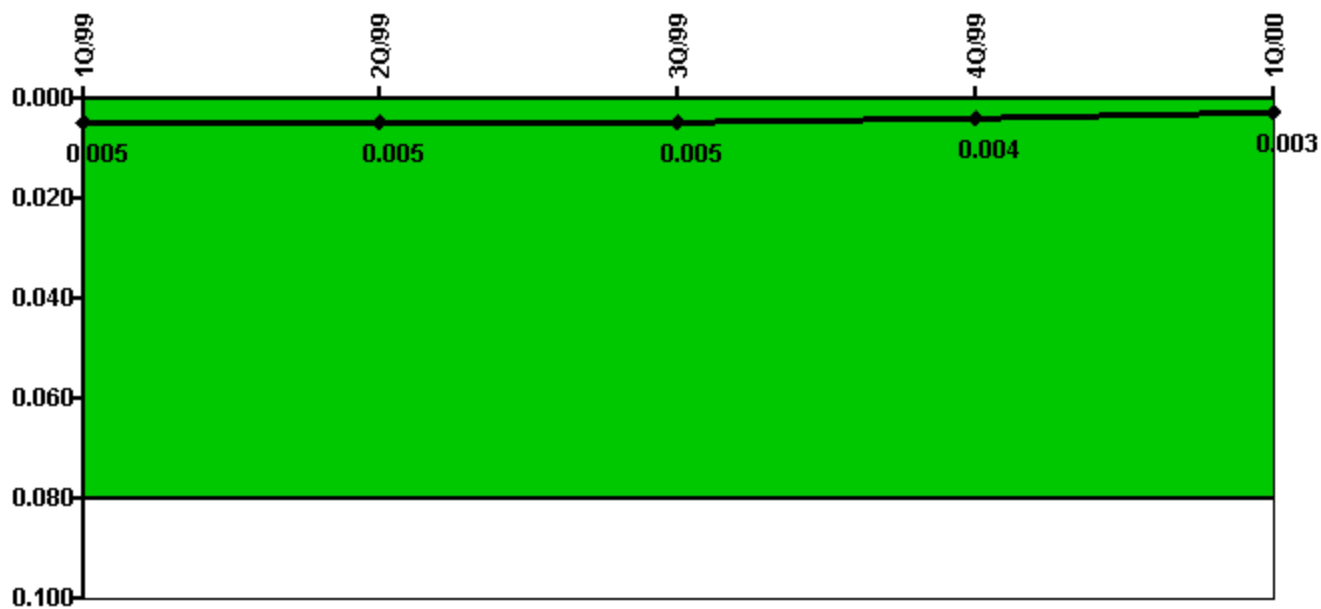
Thresholds: White > 1.0 Yellow > 3.0

#### 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

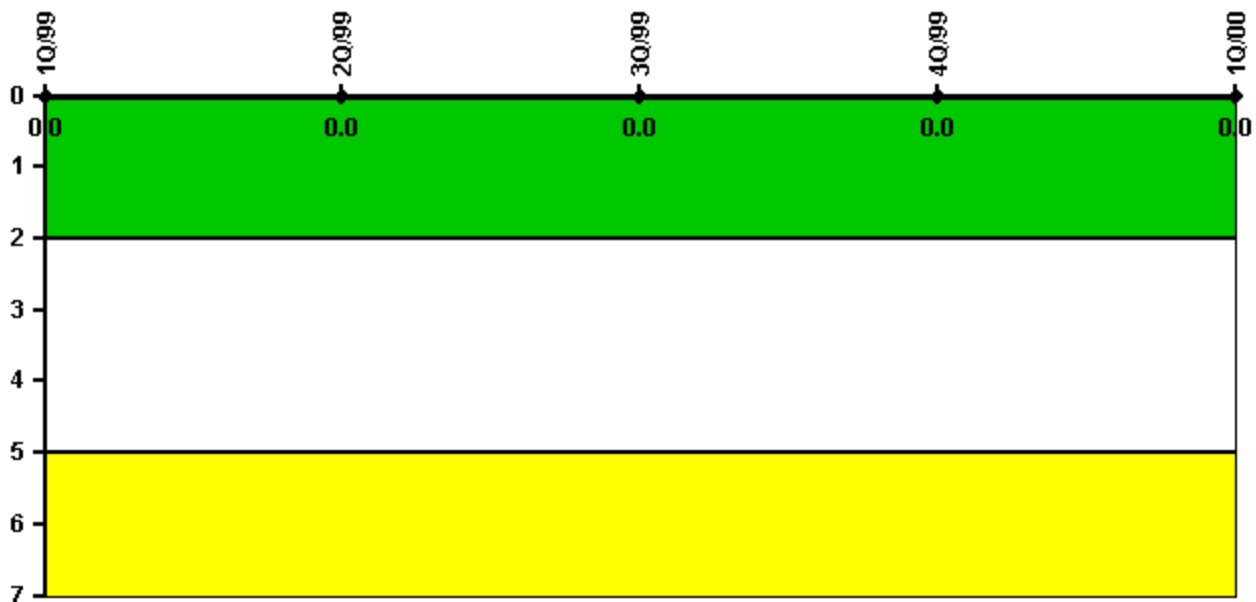
#### Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	60.00	60.00	44.00	17.70	29.10
CCTV compensatory hours	0	0	0	0.5	0
IDS normalization factor	2.55	2.55	2.55	2.55	2.55
CCTV normalization factor	2.1	2.1	2.1	2.1	2.1
<b>Index Value</b>	<b>0.005</b>	<b>0.005</b>	<b>0.005</b>	<b>0.004</b>	<b>0.003</b>

Licensee Comments: none



### Personnel Screening Program



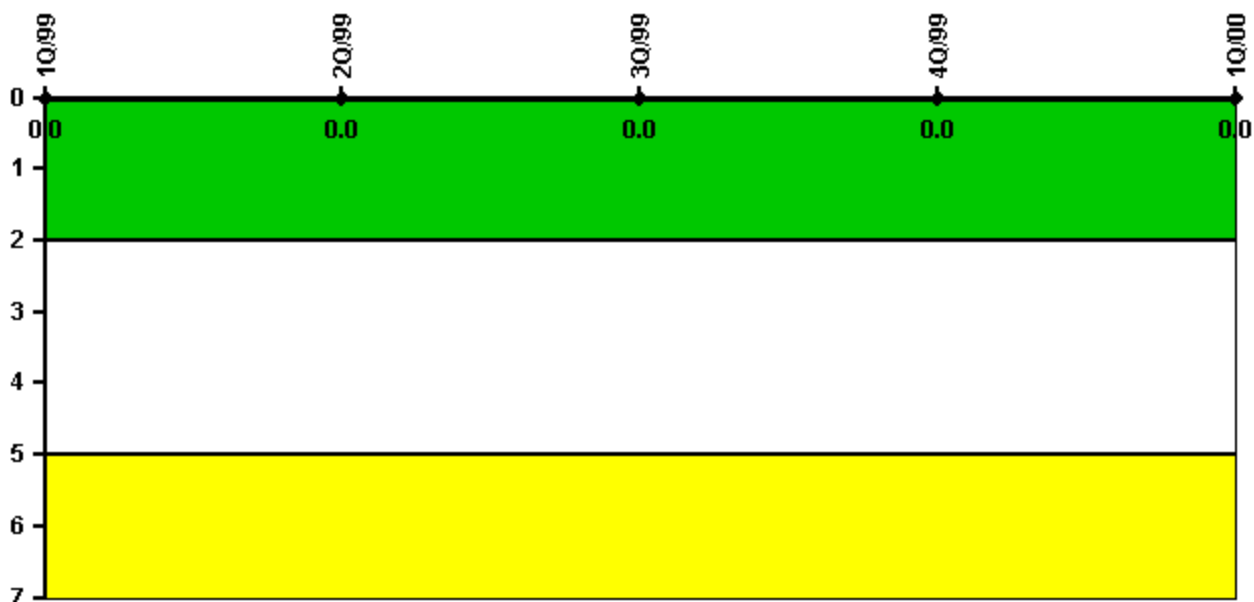
Thresholds: White > 2.0 Yellow > 5.0

#### 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