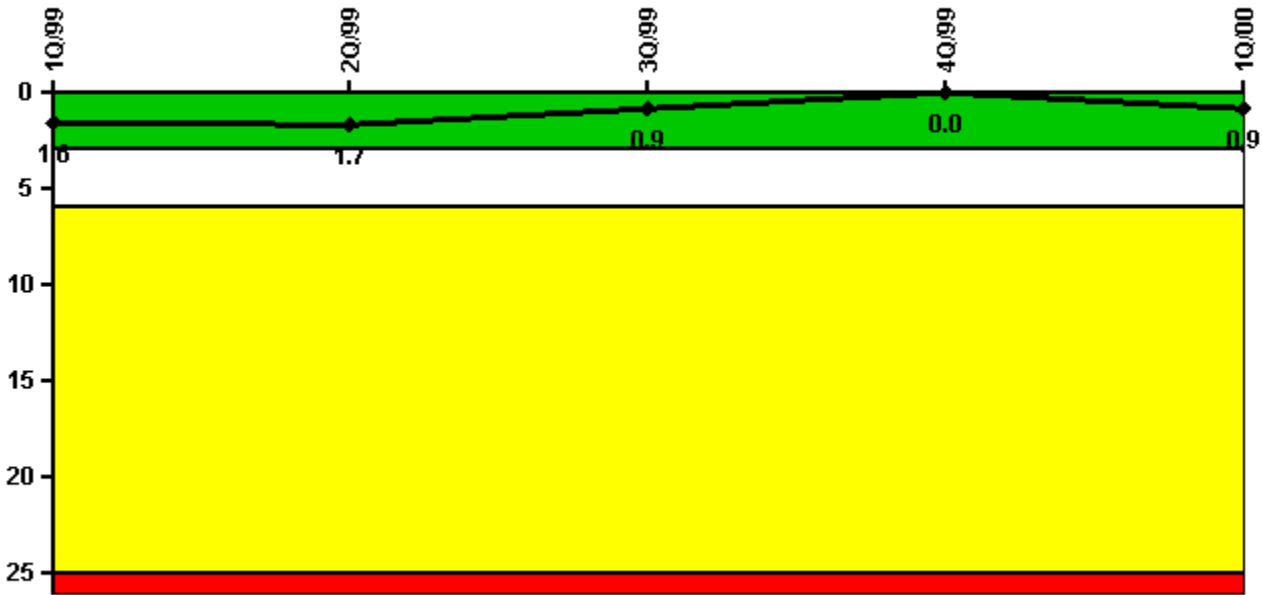


## Sequoyah 2

### 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	0	1.0
Critical hours	2160.0	1649.4	2208.0	2209.0	2142.8
<b>Indicator value</b>	<b>1.6</b>	<b>1.7</b>	<b>0.9</b>	<b>0</b>	<b>0.9</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



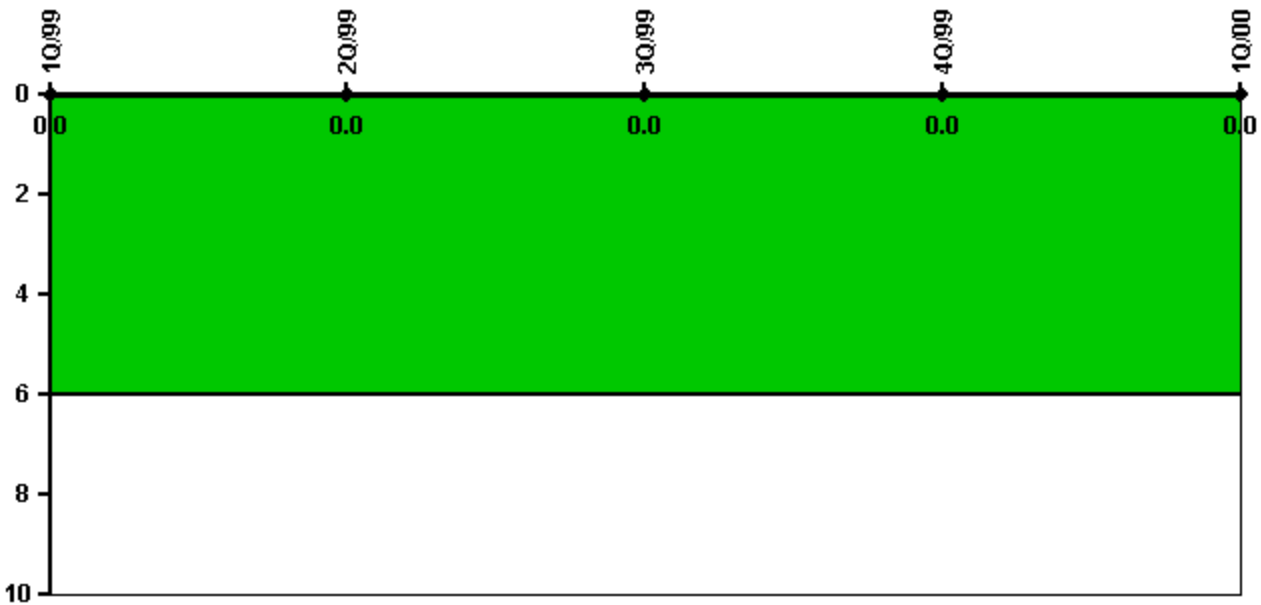
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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

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	0	0	0	0
Critical hours	2160.0	1649.4	2208.0	2209.0	2142.8
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Licensee Comments: none

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



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

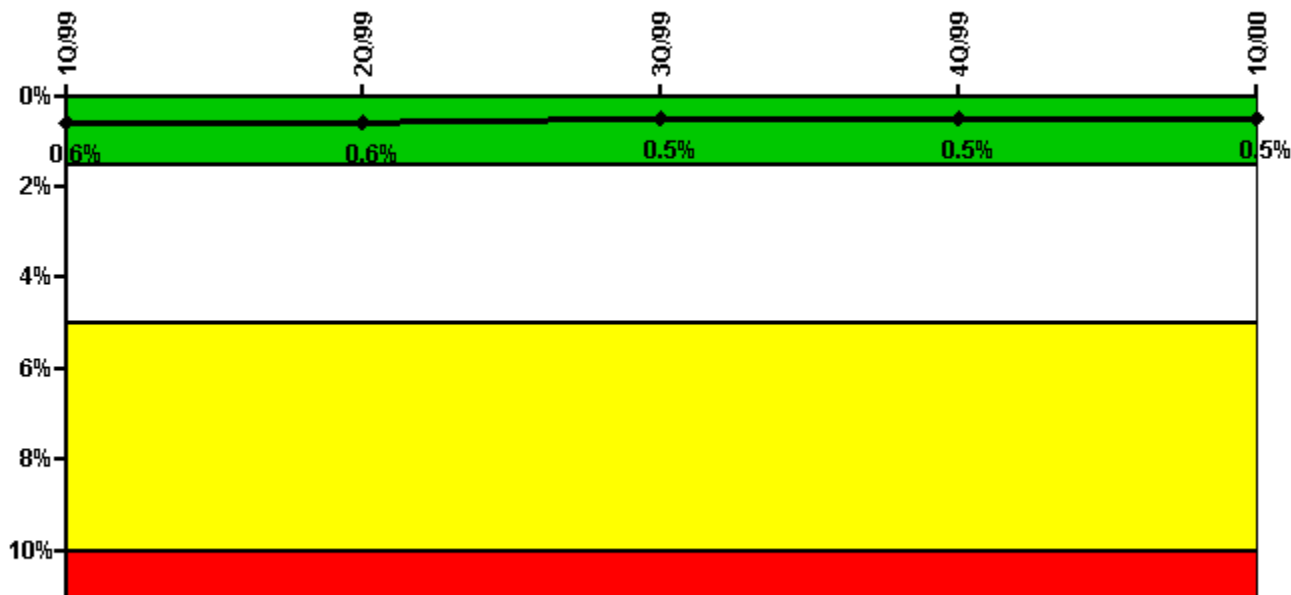
**Notes**

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	73.20	0	0	0.50	39.95
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	92.70	0	0	1.60	2.73
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	88.40	0	0	0	38.47
Unplanned unavailable hours	0	1.60	0.80	4.90	0
Fault exposure hours	0	0	6.00	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	62.40	0	46.20	2.72	2.17
Unplanned unavailable hours	0	0	0.40	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>Indicator value</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.0%</b>

Licensee Comments:

4Q/99: Nov99 Train 4 unplanned hrs were changed to planned hrs based on review for PER 01-2932-000

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



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

#### Notes

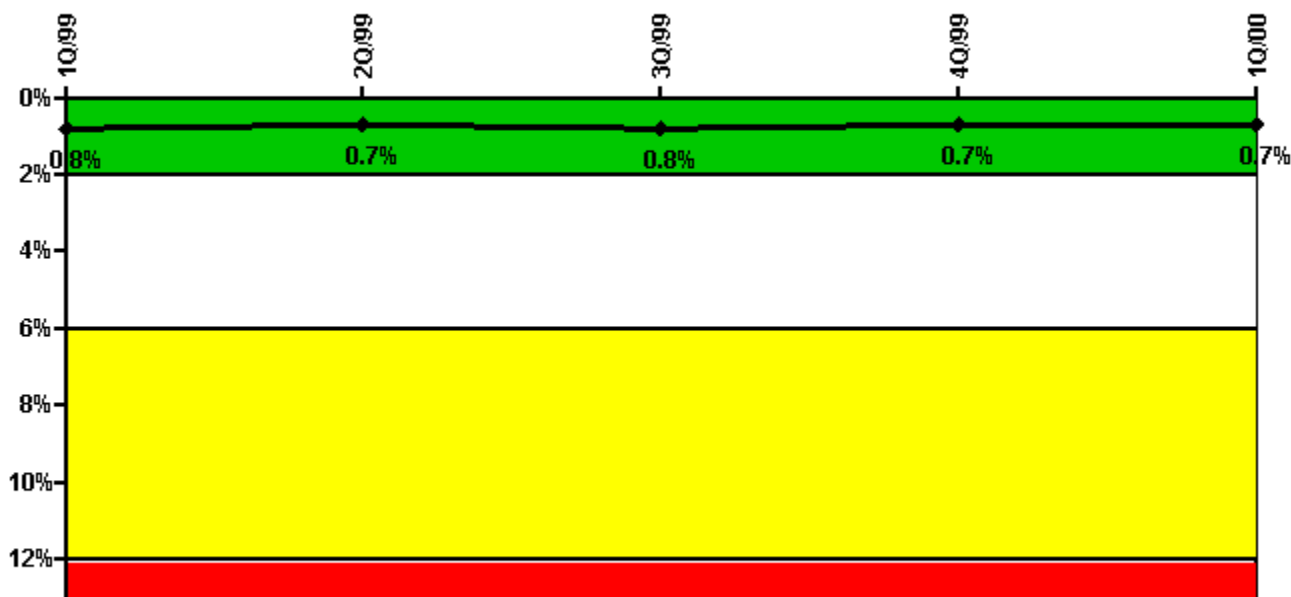
Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	30.50	0.80	11.10	7.20	7.10
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1649.40	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	11.50	7.10	0.40	4.20	9.20
Unplanned unavailable hours	0	0	6.00	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1649.40	2208.00	2209.00	2184.00
<b>Train 3</b>					
Planned unavailable hours	12.30	13.60	2.20	1.90	20.40
Unplanned unavailable hours	12.10	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1649.40	2208.00	2209.00	2184.00
<b>Train 4</b>					
Planned unavailable hours	12.80	12.50	9.20	7.00	10.80

Unplanned unavailable hours	0	0	0	0	2.60
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1649.40	2208.00	2209.00	2184.00
Indicator value	0.6%	0.6%	0.5%	0.5%	0.5%

Licensee Comments:

1Q/00: Changes were made to add SSPS unavailability which was required by FAQ #290.

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



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

### Notes

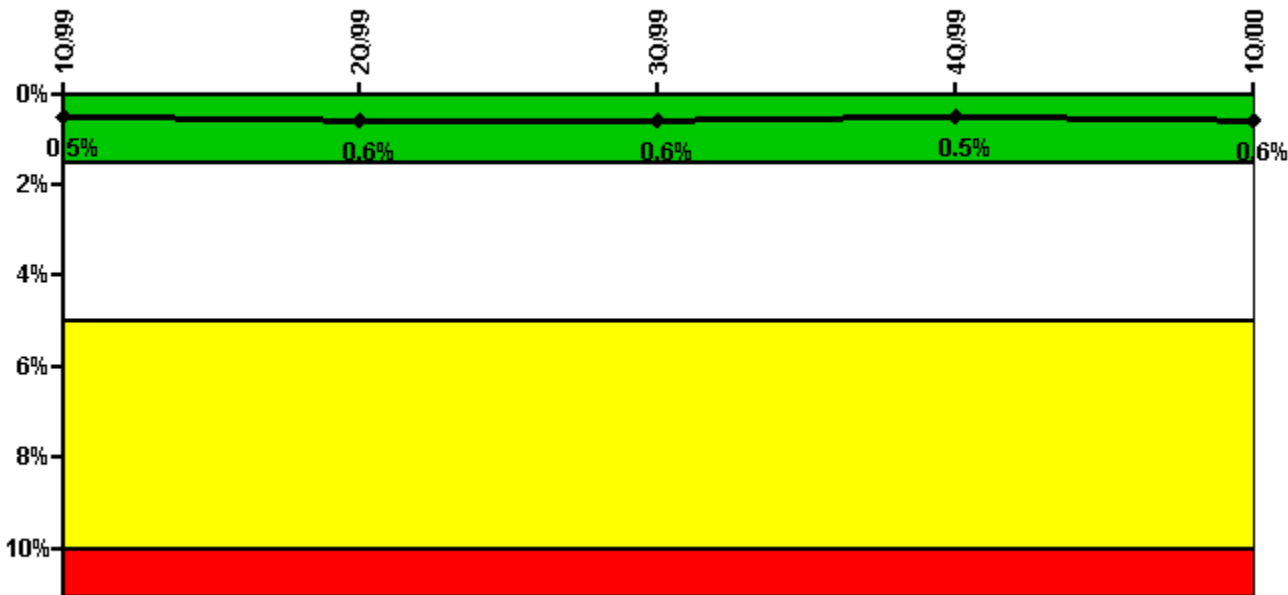
Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	20.60	12.00	17.80	6.10	12.48
Unplanned unavailable hours	0	0	0	0	15.50
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1649.40	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	27.10	2.30	5.23	4.80	10.72
Unplanned unavailable hours	0	0	12.60	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1649.40	2208.00	2209.00	2184.00

Train 3					
Planned unavailable hours	24.00	41.80	10.10	18.20	14.60
Unplanned unavailable hours	35.80	0	8.00	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1649.40	2208.00	2209.00	2184.00
Indicator value	0.8%	0.7%	0.8%	0.7%	0.7%

Licensee Comments:

1Q/00: Hours were revised for JAN00 train 1, FEB00 train 2, and MAR00 train 1 and train 2 to add SSPS unavailability which was required by FAQ #290.

### Safety System Unavailability, Residual Heat Removal System



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

### Notes

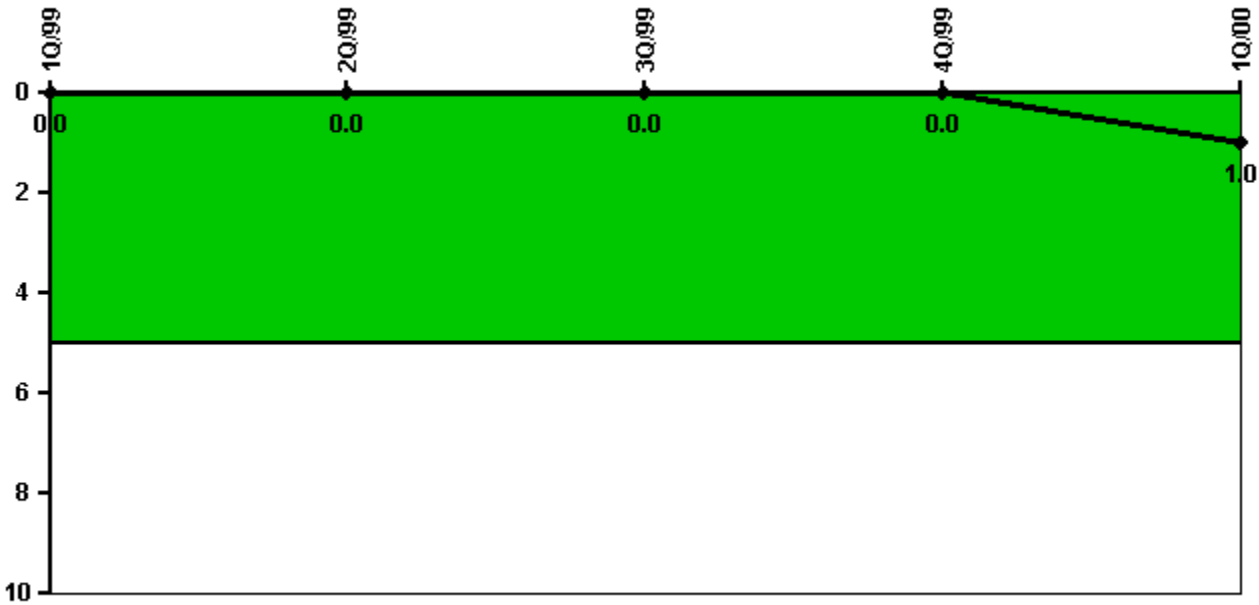
Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
<b>Train 1</b>					
Planned unavailable hours	42.00	13.80	2.80	2.20	24.50
Unplanned unavailable hours	0	42.20	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
<b>Train 2</b>					
Planned unavailable hours	27.50	6.40	1.70	5.30	9.80
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	0.5%	0.6%	0.6%	0.5%	0.6%

Licensee Comments:

1Q/00: Hours were revised to add SSPS unavailability which was required by FAQ #290.

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

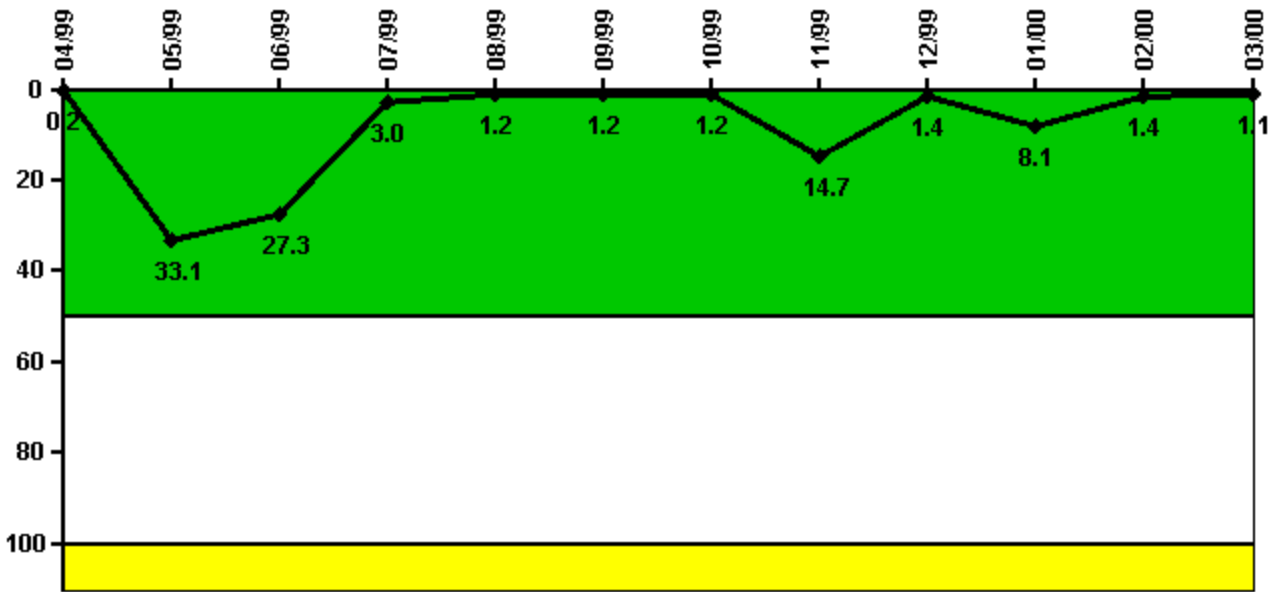
### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



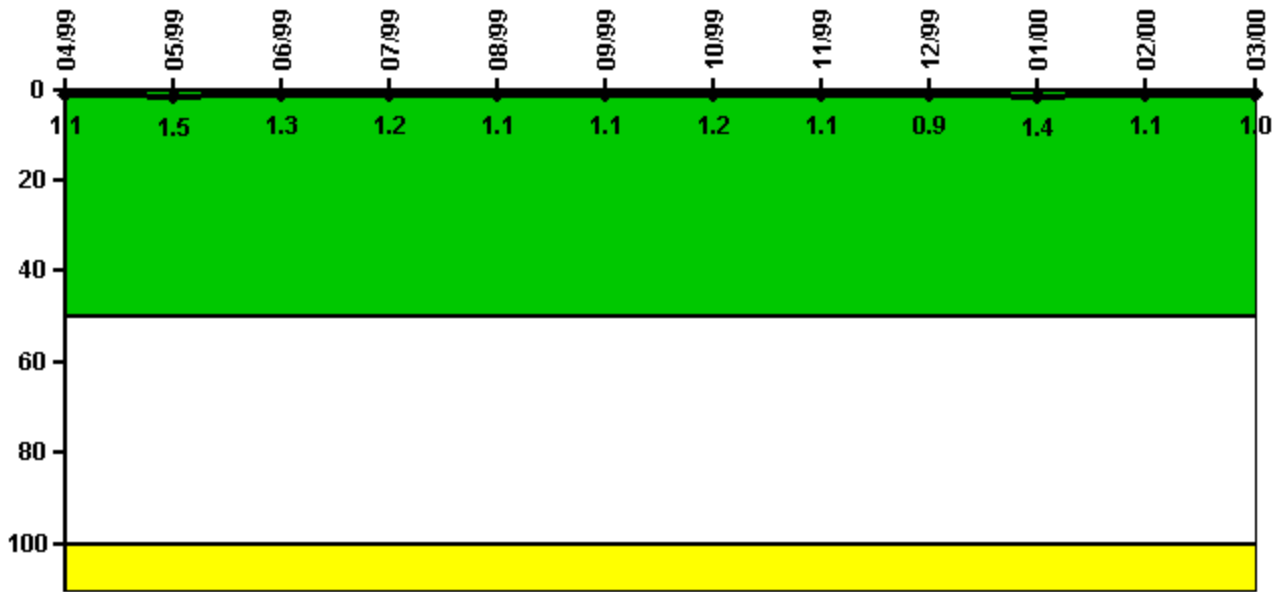
Thresholds: White > 50.0 Yellow > 100.0

#### 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	0.000860	0.116000	0.095700	0.010600	0.004080	0.004110	0.004130	0.051400	0.004990	0.028400	0.004800	0.003870
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	0.2	33.1	27.3	3.0	1.2	1.2	1.2	14.7	1.4	8.1	1.4	1.1

Licensee Comments: none

### Reactor Coolant System Leakage



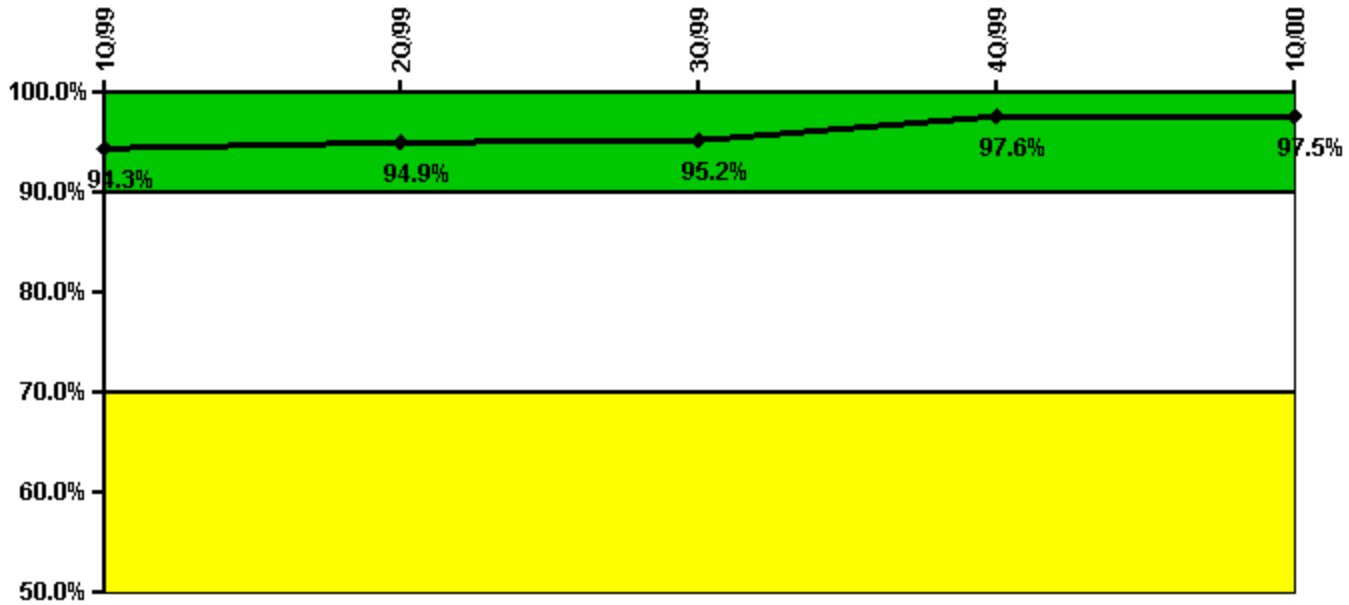
Thresholds: White > 50.0 Yellow > 100.0

#### 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	0.110	0.150	0.130	0.120	0.110	0.110	0.120	0.110	0.090	0.140	0.110	0.100
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	1.1	1.5	1.3	1.2	1.1	1.1	1.2	1.1	0.9	1.4	1.1	1.0

Licensee Comments: none

### Drill/Exercise Performance



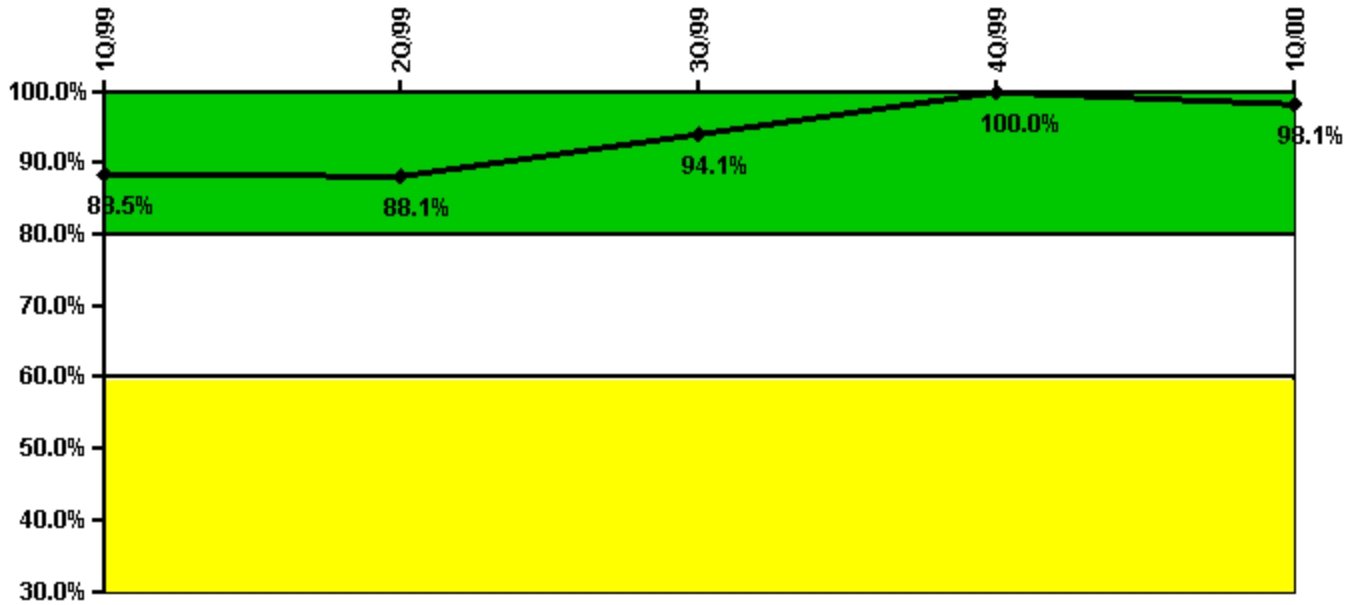
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	8.0	14.0	9.0	34.0	0
Total opportunities	8.0	14.0	10.0	34.0	0
Indicator value	94.3%	94.9%	95.2%	97.6%	97.5%

Licensee Comments: none

### ERO Drill Participation



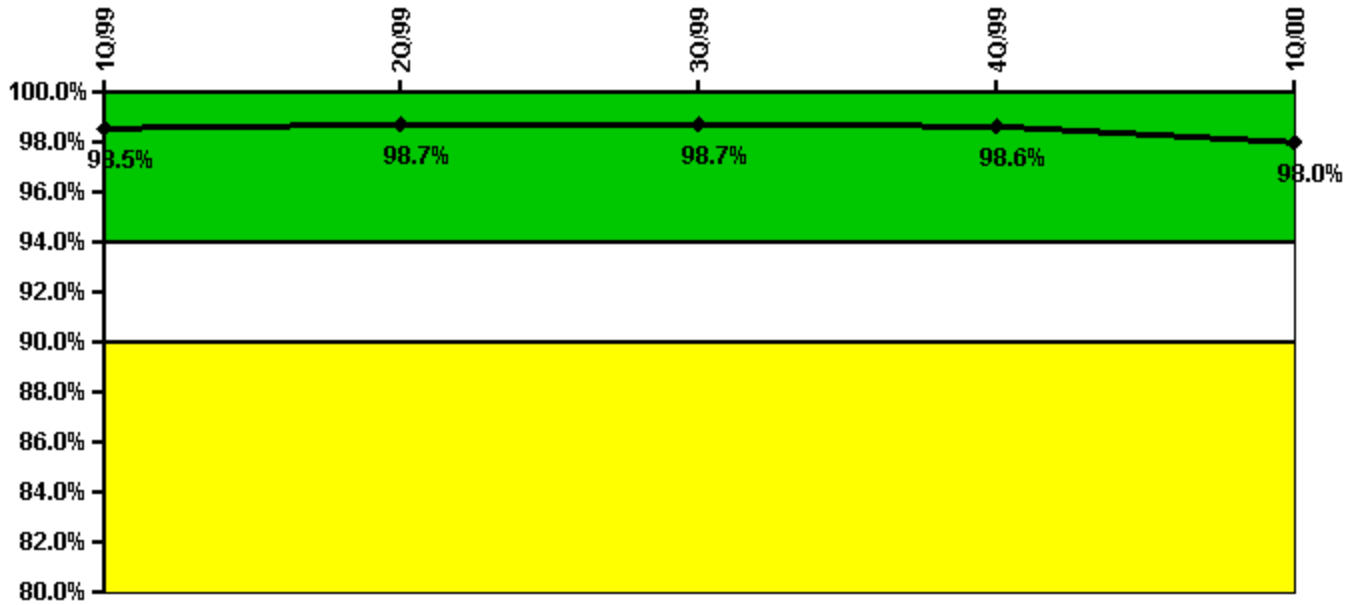
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	77.0	74.0	80.0	54.0	52.0
Total Key personnel	87.0	84.0	85.0	54.0	53.0
Indicator value	88.5%	88.1%	94.1%	100.0%	98.1%

Licensee Comments: none

### Alert & Notification System



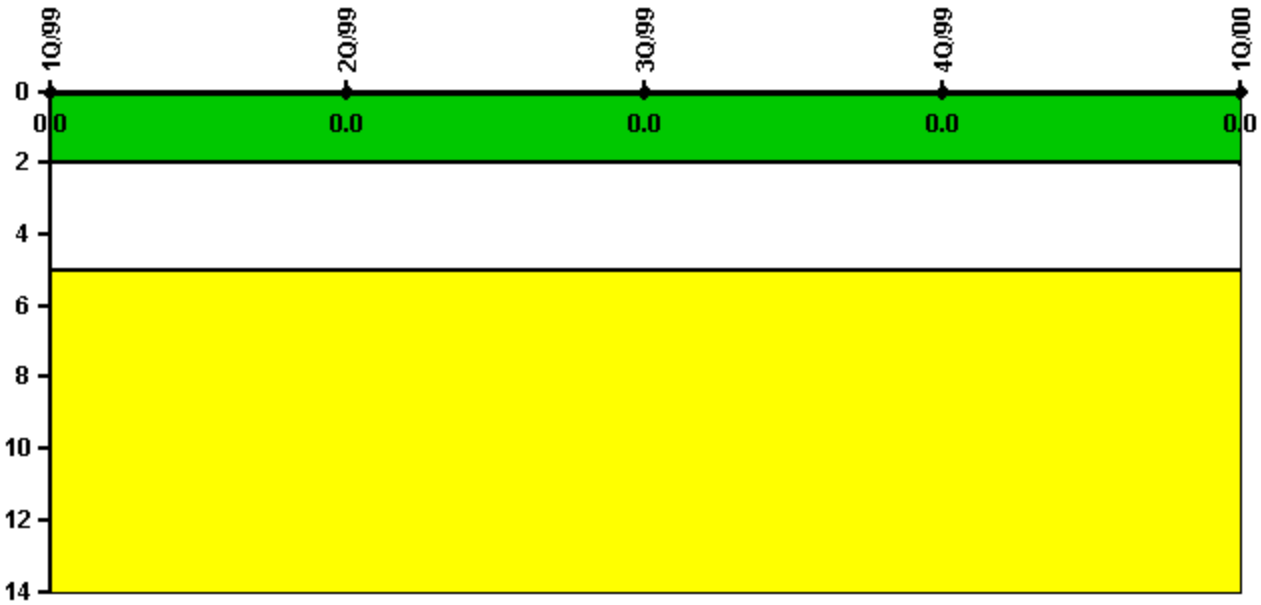
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	965	741	1066	741	945
Total sirens-tests	972	756	1080	756	972
Indicator value	98.5%	98.7%	98.7%	98.6%	98.0%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



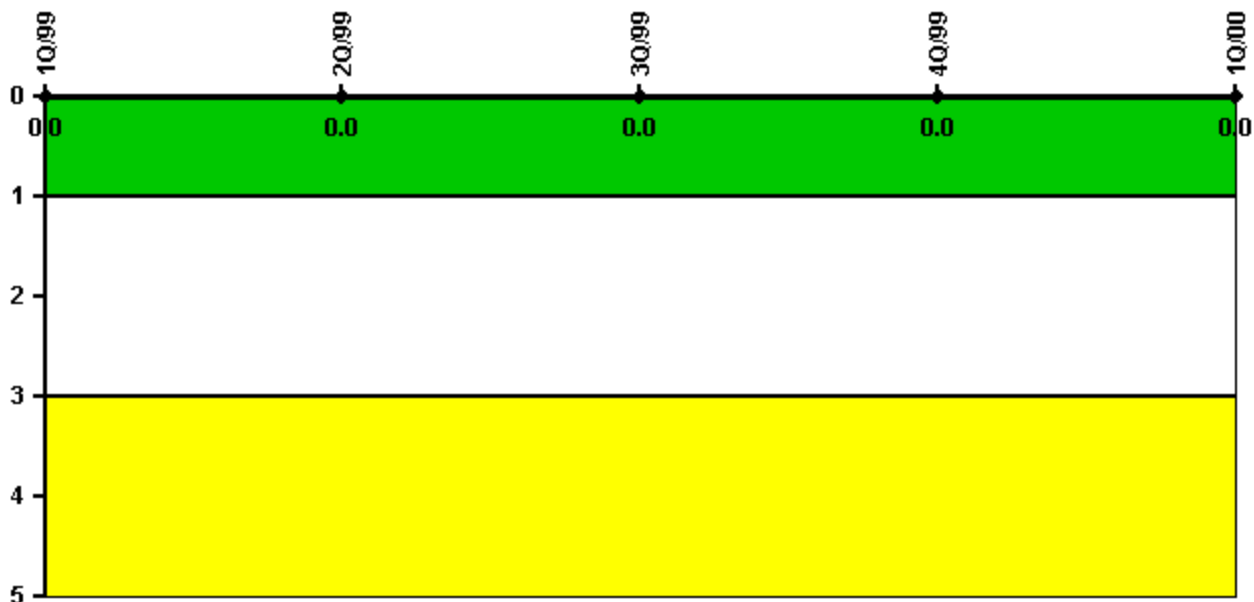
Thresholds: White > 2.0 Yellow > 5.0

#### 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



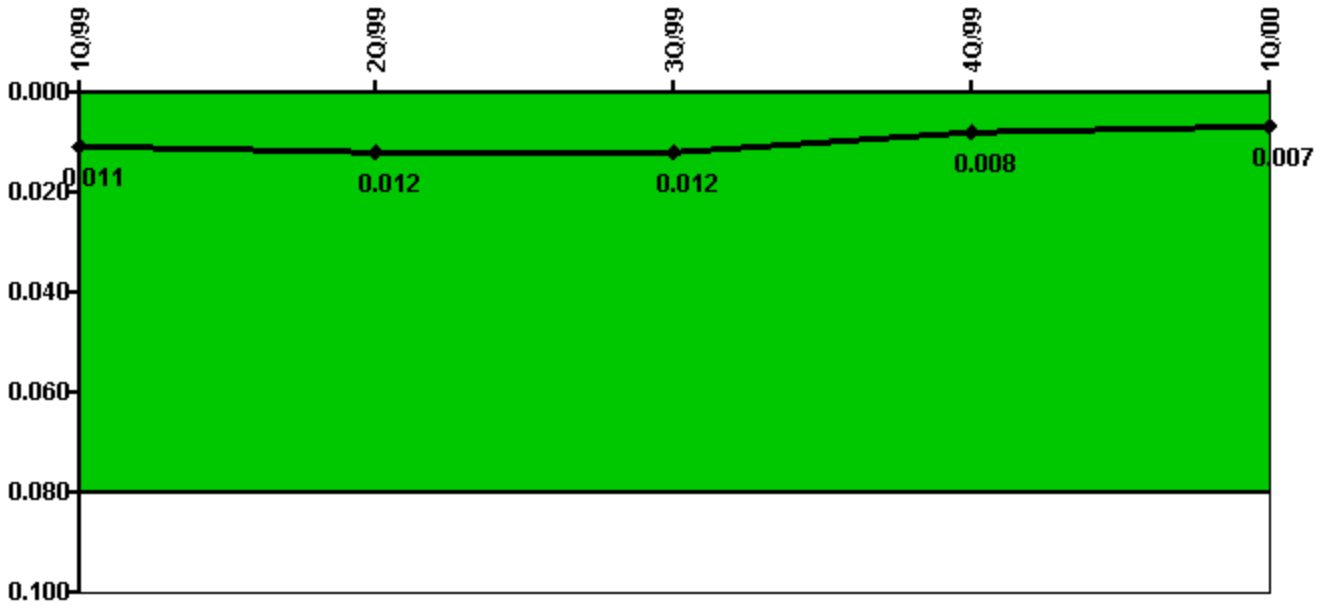
Thresholds: White > 1.0 Yellow > 3.0

#### 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

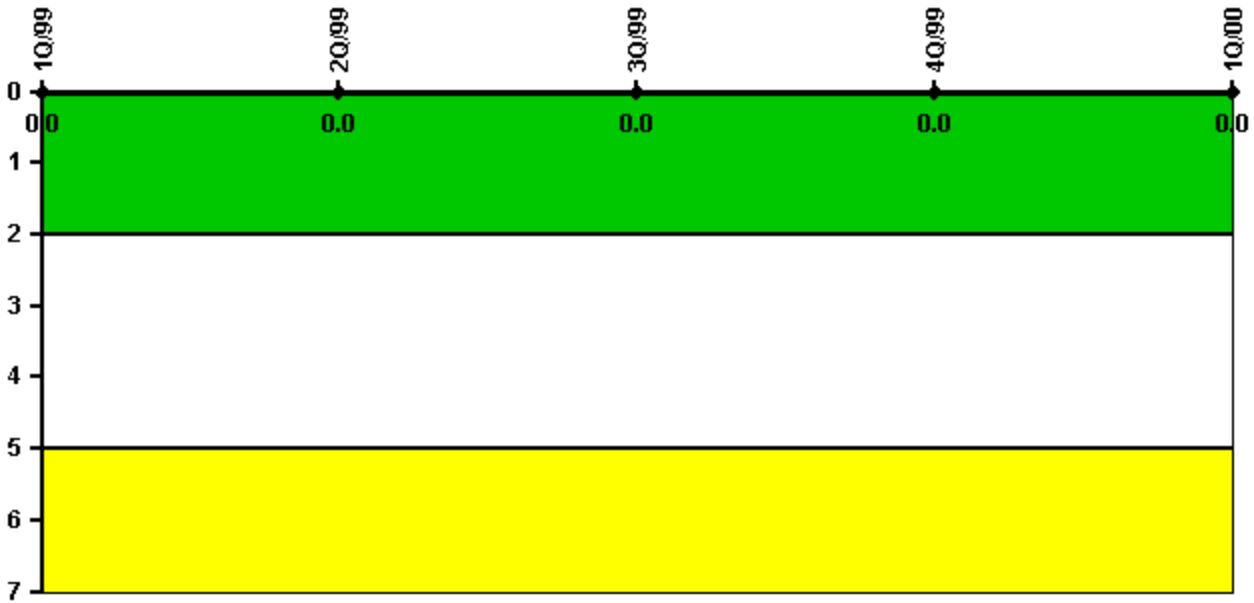
Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	187.34	125.77	87.45	87.17	12.40
CCTV compensatory hours	0	0	6.4	0	72.9
IDS normalization factor	3.65	3.65	3.65	3.65	3.65
CCTV normalization factor	2.7	2.7	2.7	2.7	2.7
<b>Index Value</b>	<b>0.011</b>	<b>0.012</b>	<b>0.012</b>	<b>0.008</b>	<b>0.007</b>

Licensee Comments:

1Q/00: Feb 2000 data was revised as documented in PER00-010268-000.



### Personnel Screening Program



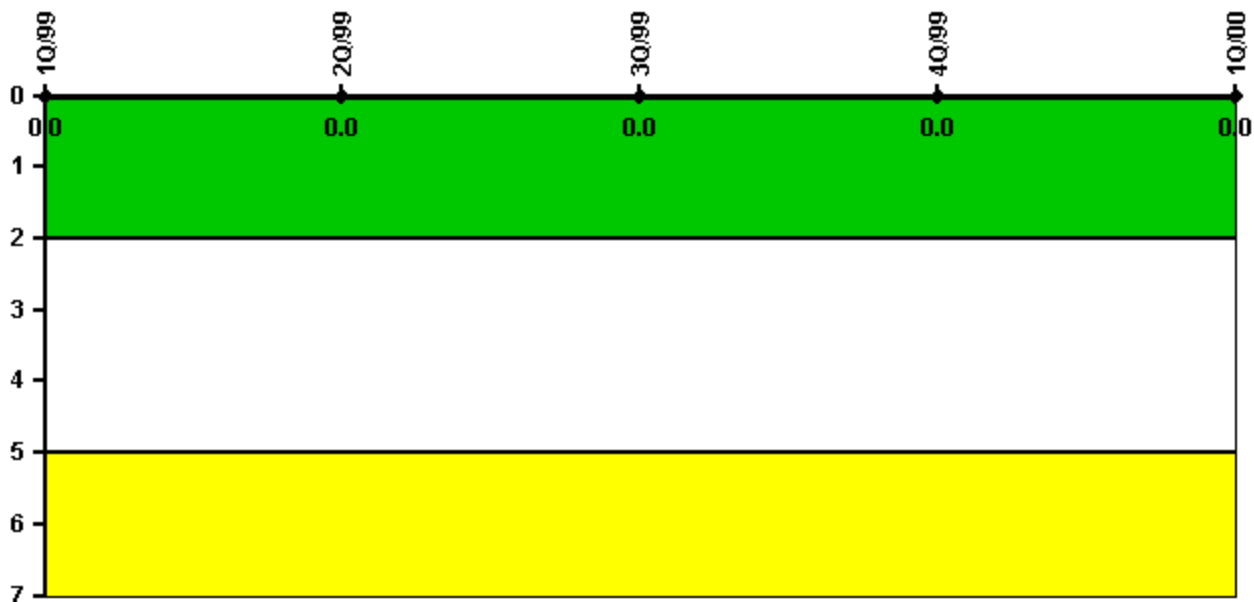
Thresholds: White > 2.0 Yellow > 5.0

#### 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