

### Hope Creek 1

#### 3Q/2001 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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2184.0	1119.0	2208.0	2209.0	2160.0	2027.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



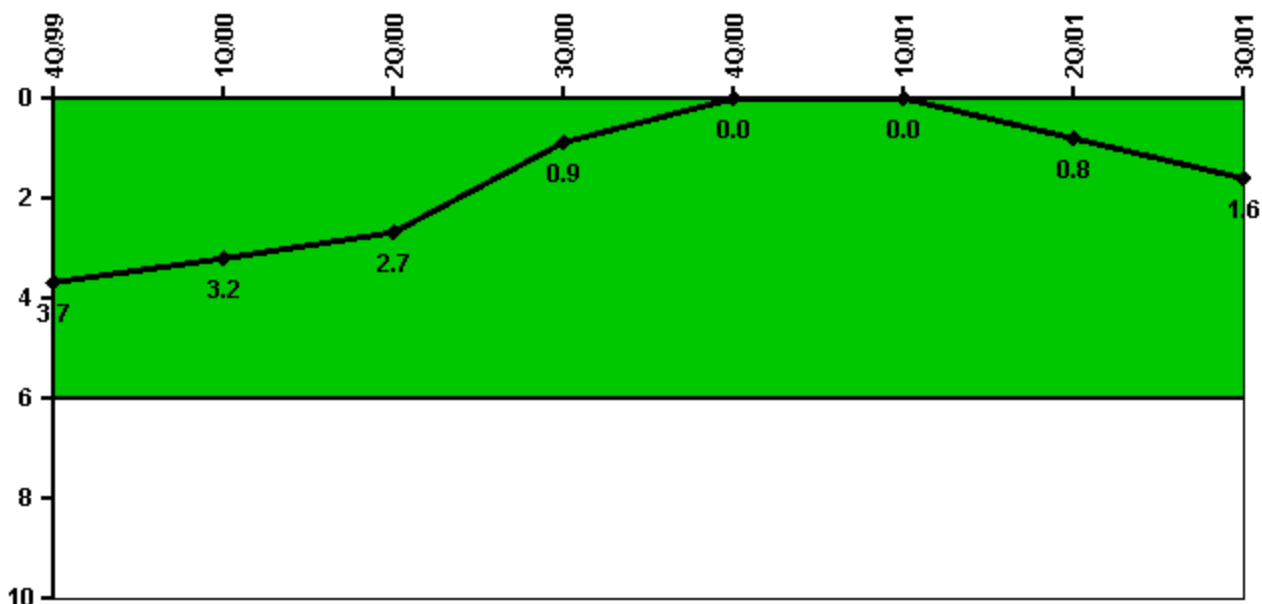
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



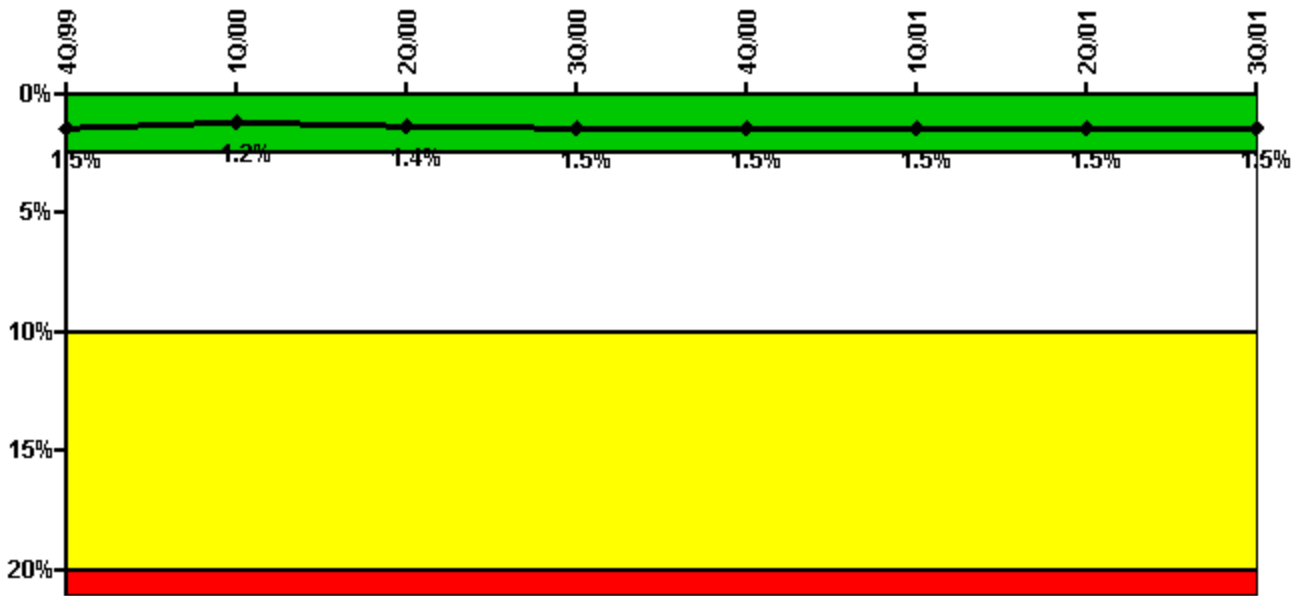
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	1.0	0	0	0	0	0	1.0	1.0
Critical hours	2209.0	2184.0	1119.0	2208.0	2209.0	2160.0	2027.0	2208.0
Indicator value	3.7	3.2	2.7	0.9	0	0	0.8	1.6

Licensee Comments: none

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



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

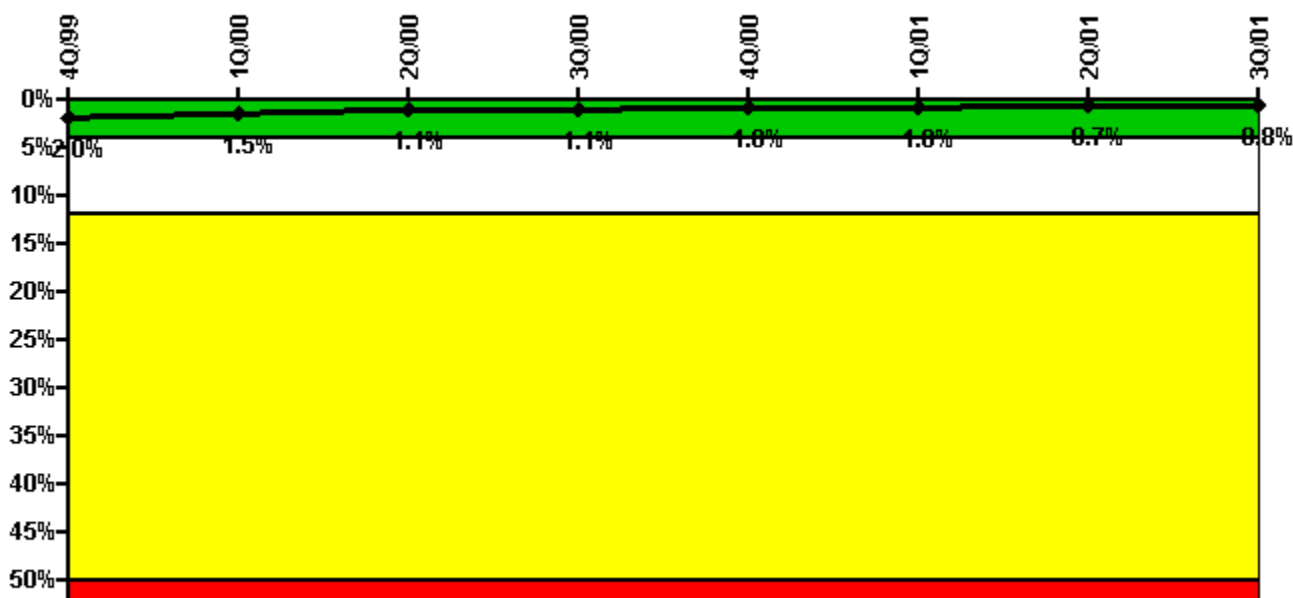
#### Notes

Safety System Unavailability, Emergency AC Power, >2EDG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
<b>Train 1</b>								
Planned unavailable hours	0.40	19.50	0.20	68.70	0.60	39.00	0.30	0.30
Unplanned unavailable hours	0	0	0	0	0	19.20	0	0
Fault exposure hours	0	0	0	0	0	11.60	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
<b>Train 2</b>								
Planned unavailable hours	52.60	9.10	0.70	0.50	33.30	56.60	0.40	12.90
Unplanned unavailable hours	20.17	0	11.20	0	0	20.40	0	0
Fault exposure hours	0	0	336.00	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1978.10	2208.00	2209.00	2160.00	2183.00	2208.00
<b>Train 3</b>								
Planned unavailable hours	100.20	1.20	1.50	0.80	2.10	1.30	157.50	32.00
Unplanned unavailable hours	0	0	0	0	0	0	6.10	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
<b>Train 4</b>								
Planned unavailable hours	0.10	134.50	0.20	56.50	20.50	1.20	0.30	15.10
Unplanned unavailable hours	0	0	0.20	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1978.10	2208.00	2209.00	2160.00	2183.00	2208.00
<b>Indicator value</b>	<b>1.5%</b>	<b>1.2%</b>	<b>1.4%</b>	<b>1.5%</b>	<b>1.5%</b>	<b>1.5%</b>	<b>1.5%</b>	<b>1.5%</b>

Licensee Comments:

3Q/01: An FAQ was submitted to determine if fault exposure hours should have been reported in the second quarter of 2001 due to the installation of an incorrect relief valve on the SACS.

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



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

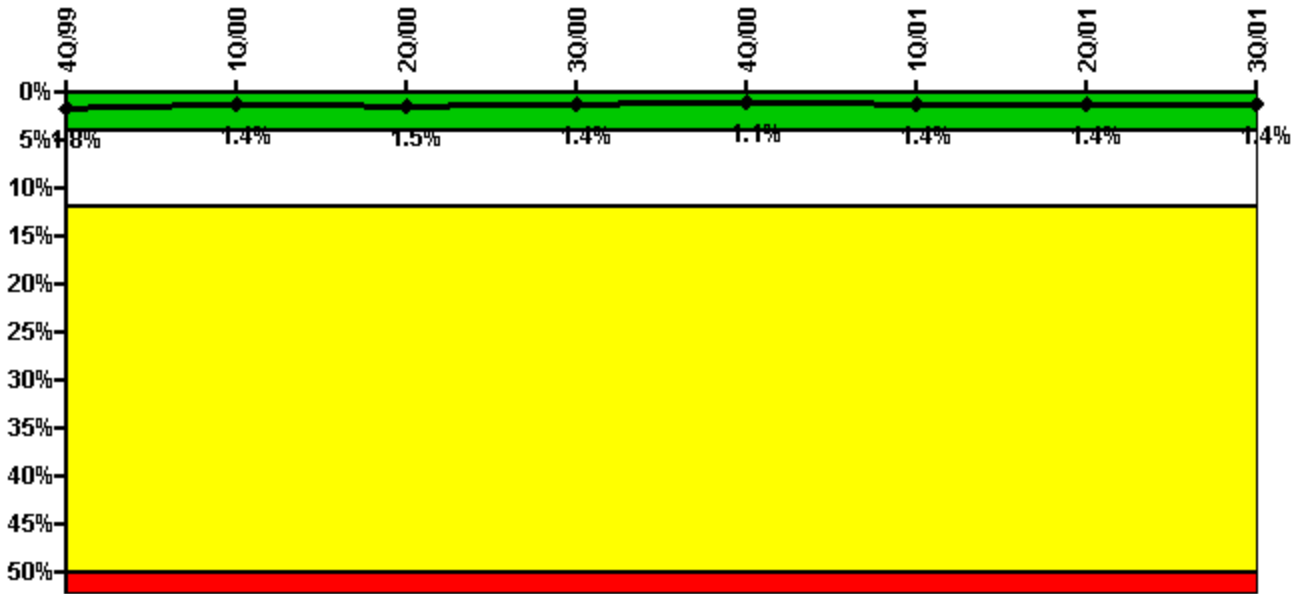
#### Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
<b>Train 1</b>								
Planned unavailable hours	120.90	0.40	1.80	13.10	0.40	0.70	2.10	3.10
Unplanned unavailable hours	0	0	22.70	0	0	0	0	0
Fault exposure hours	0	0	1.30	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1095.90	2208.00	2209.00	2160.00	2027.00	2208.00
<b>Indicator value</b>	<b>2.0%</b>	<b>1.5%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.0%</b>	<b>1.0%</b>	<b>0.7%</b>	<b>0.8%</b>

Licensee Comments:

3Q/01: An FAQ was submitted to determine if fault exposure hours should have been reported in the second quarter of 2001 due to the installation of an incorrect relief valve on the SACS.

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



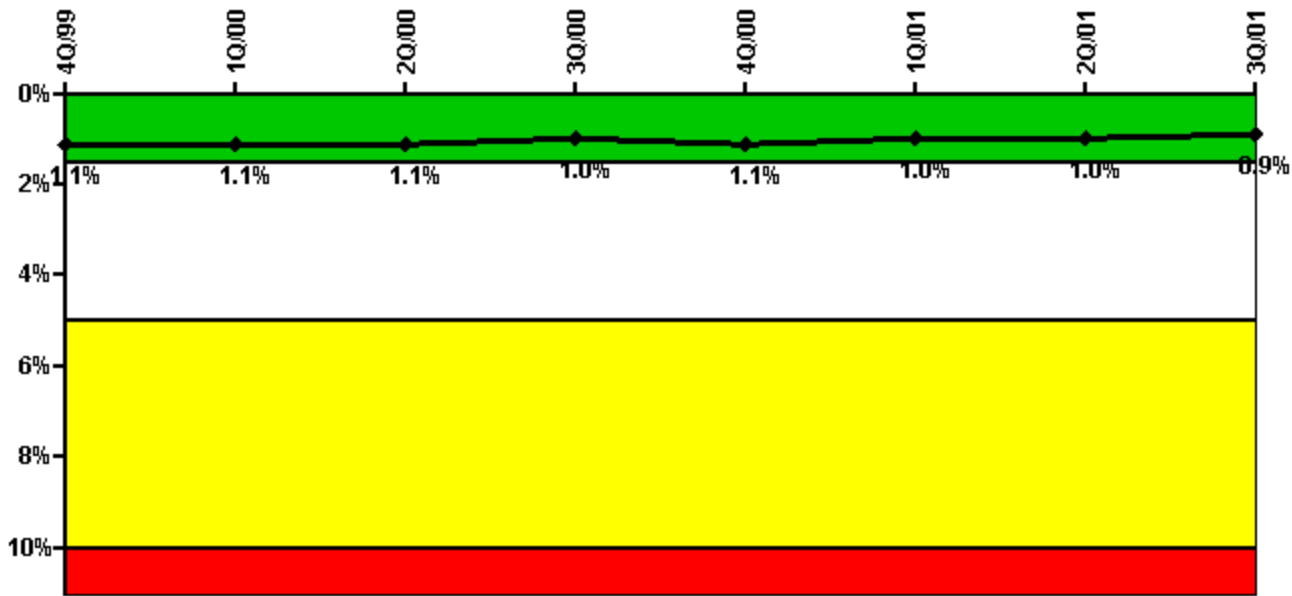
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
<b>Train 1</b>								
Planned unavailable hours	126.60	0	6.80	0.70	5.20	58.50	121.60	6.20
Unplanned unavailable hours	0	0	0.50	0	0	0	0	0
Fault exposure hours	0	0	2.80	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	1112.10	2208.00	2209.00	2160.00	2027.00	2208.00
<b>Indicator value</b>	<b>1.8%</b>	<b>1.4%</b>	<b>1.5%</b>	<b>1.4%</b>	<b>1.1%</b>	<b>1.4%</b>	<b>1.4%</b>	<b>1.4%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



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

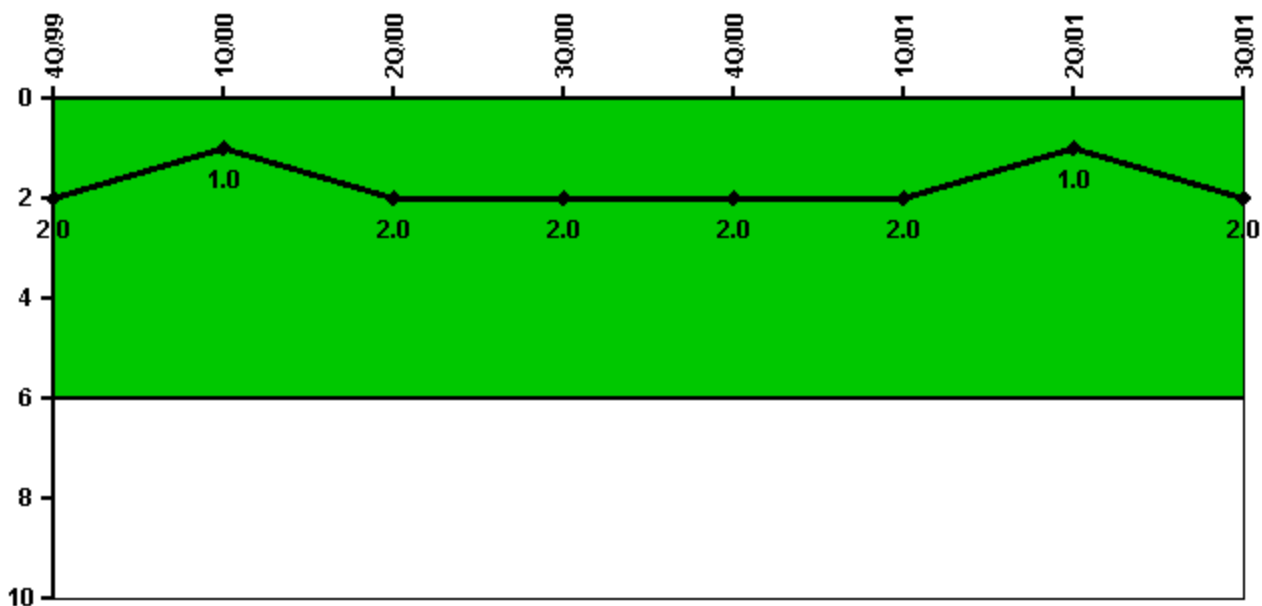
Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
<b>Train 1</b>								
Planned unavailable hours	16.82	83.80	0	0.10	0.20	28.10	1.40	2.00
Unplanned unavailable hours	2.68	14.20	7.30	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
<b>Train 2</b>								
Planned unavailable hours	32.80	9.80	9.60	0.20	51.40	0	52.10	0.30
Unplanned unavailable hours	0.55	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
<b>Indicator value</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.0%</b>	<b>1.1%</b>	<b>1.0%</b>	<b>1.0%</b>	<b>0.9%</b>

Licensee Comments:

3Q/01: An FAQ was submitted to determine if fault exposure hours should have been reported in the second quarter of 2001 due to the installation of an incorrect relief valve on the SACS.

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

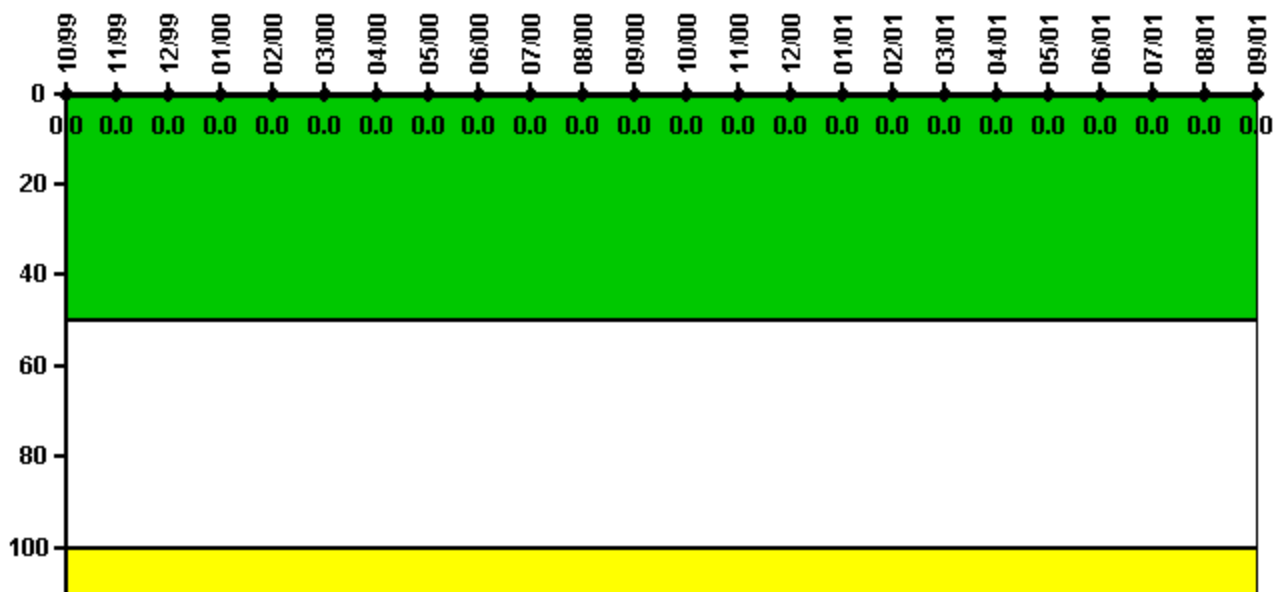
#### Notes

Safety System Functional Failures (BWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Safety System Functional Failures	1	0	1	0	1	0	0	1
Indicator value	2	1	2	2	2	2	1	2

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

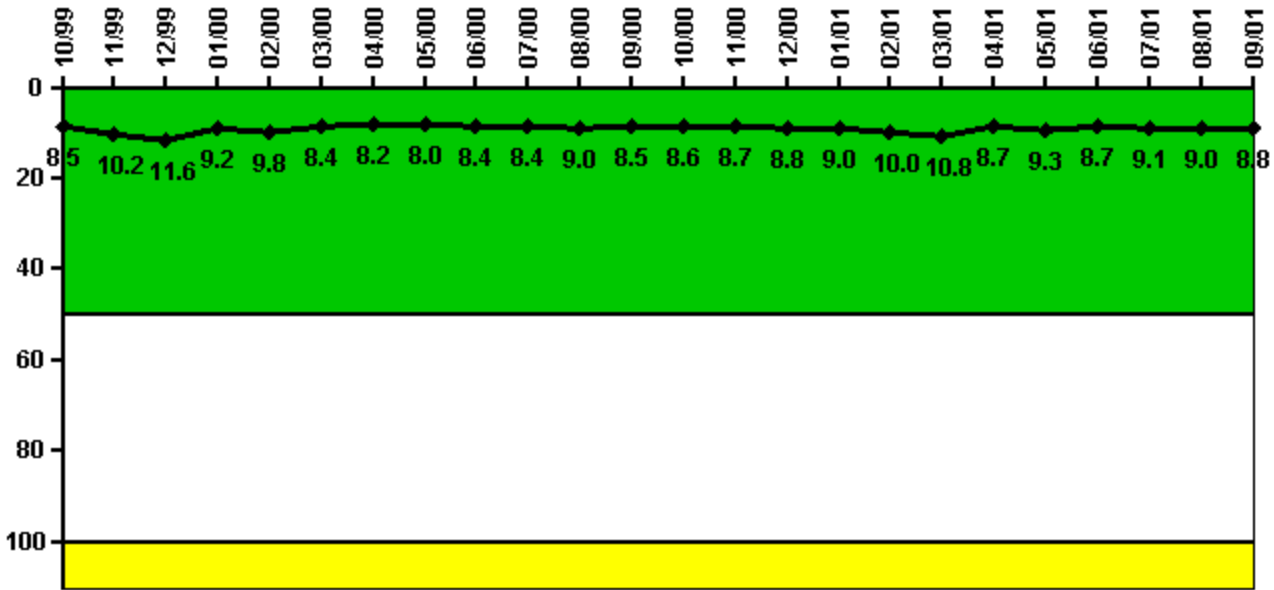
**Notes**

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0	0	0	0	0.000065	0.000058	0.000065	0.000004	0.000017	0.000032	0.000036	0.000041
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	0

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.000035	0.000033	0.000038	0.000040	0.000039	0.000043	0.000039	0.000025	0.000039	0.000039	0.000056	0.000036
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	0

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

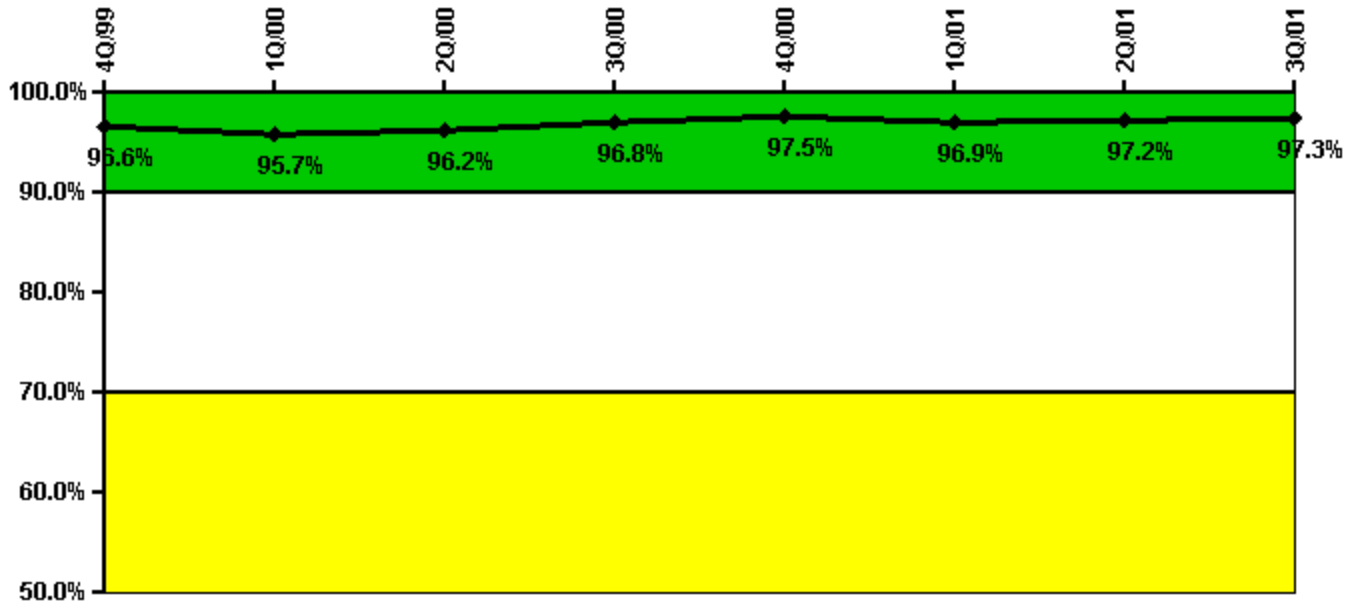
Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	2.120	2.560	2.910	2.310	2.450	2.110	2.060	2.001	2.101	2.101	2.251	2.131
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.5	10.2	11.6	9.2	9.8	8.4	8.2	8.0	8.4	8.4	9.0	8.5

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	2.151	2.181	2.191	2.251	2.501	2.701	2.171	2.331	2.171	2.271	2.261	2.191
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	8.6	8.7	8.8	9.0	10.0	10.8	8.7	9.3	8.7	9.1	9.0	8.8

Licensee Comments: none

### Drill/Exercise Performance



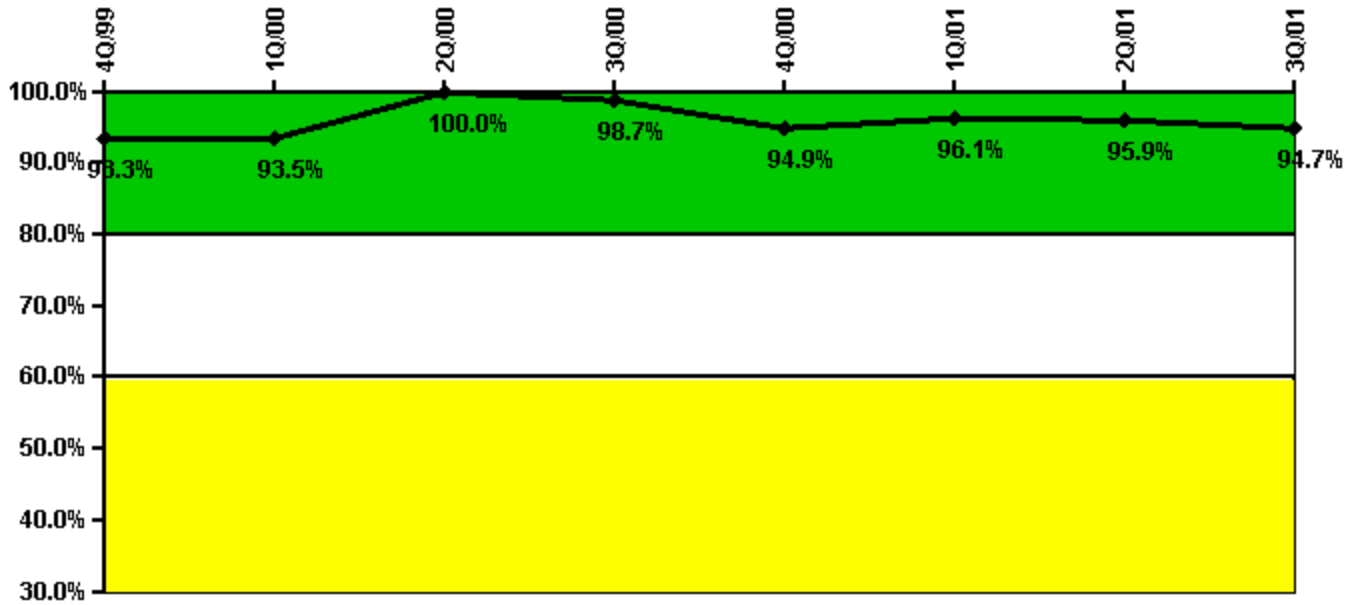
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	94.0	37.0	32.0	50.0	74.0	13.0	10.0	9.0
Total opportunities	97.0	39.0	32.0	50.0	75.0	15.0	10.0	10.0
Indicator value	96.6%	95.7%	96.2%	96.8%	97.5%	96.9%	97.2%	97.3%

Licensee Comments: none

### ERO Drill Participation



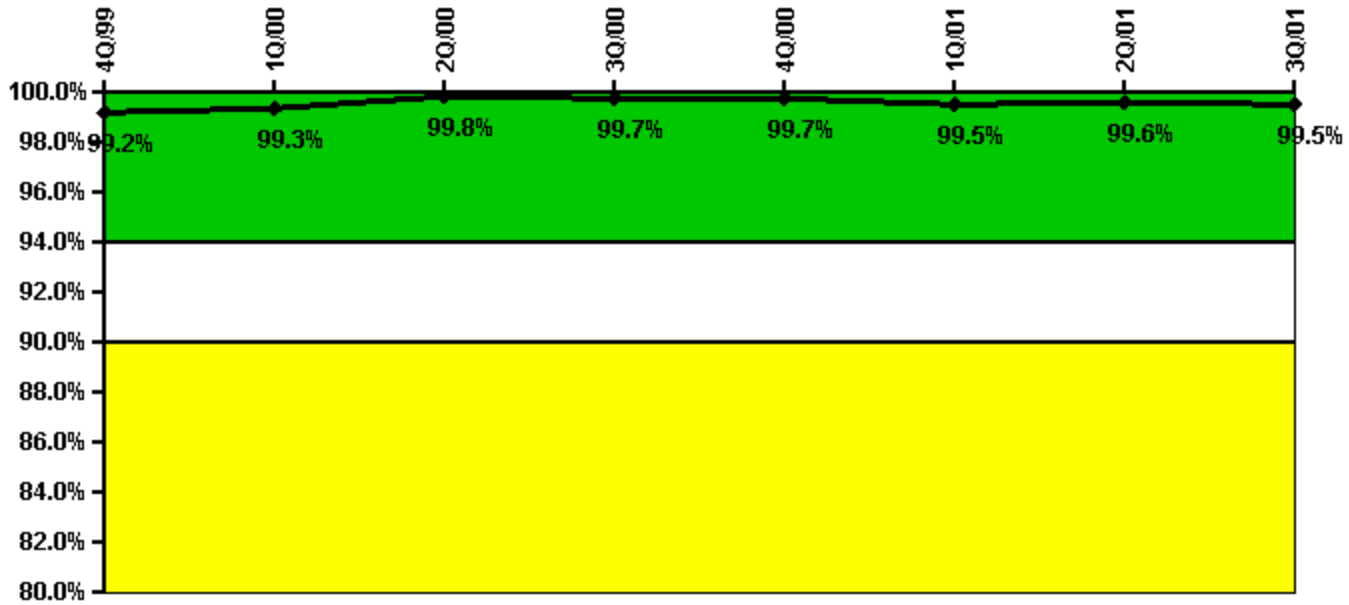
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	70.0	72.0	75.0	75.0	74.0	73.0	71.0	71.0
Total Key personnel	75.0	77.0	75.0	76.0	78.0	76.0	74.0	75.0
Indicator value	93.3%	93.5%	100.0%	98.7%	94.9%	96.1%	95.9%	94.7%

Licensee Comments: none

### Alert & Notification System



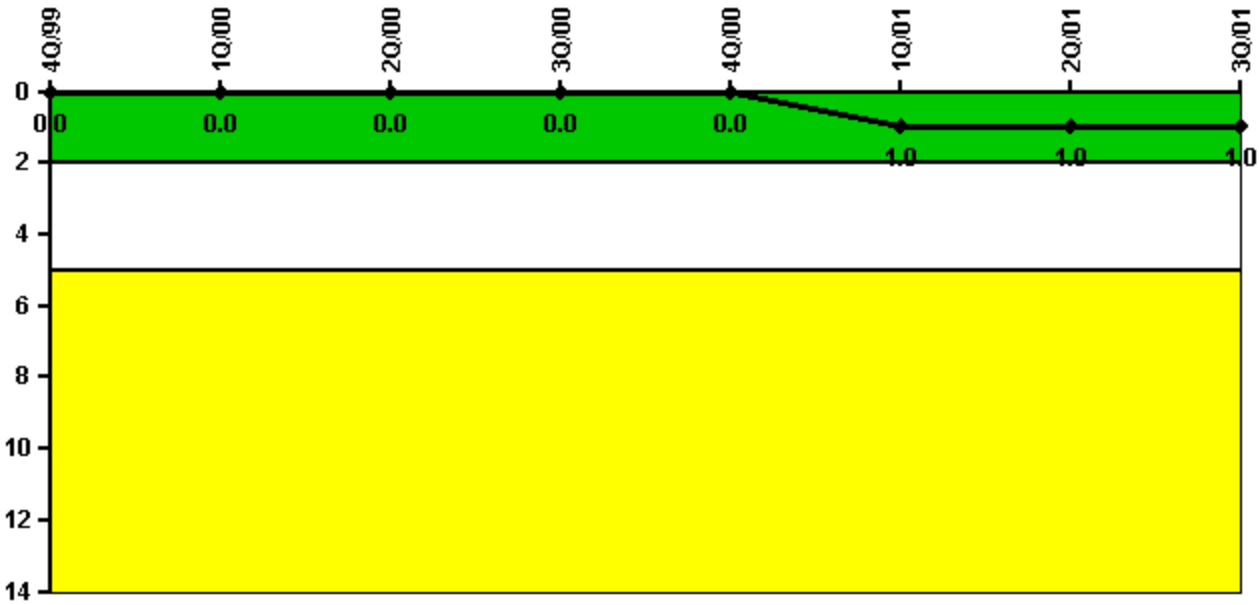
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	496	497	495	495	496	493	496	494
Total sirens-tests	497	497	497	497	497	497	497	497
Indicator value	99.2%	99.3%	99.8%	99.7%	99.7%	99.5%	99.6%	99.5%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



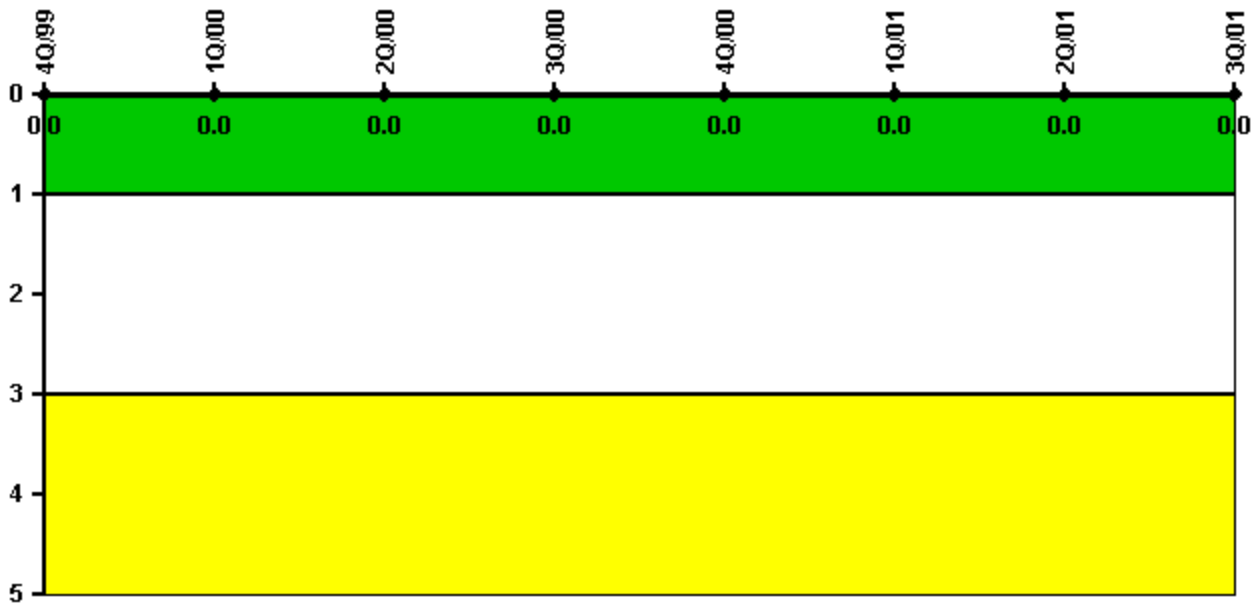
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	1	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



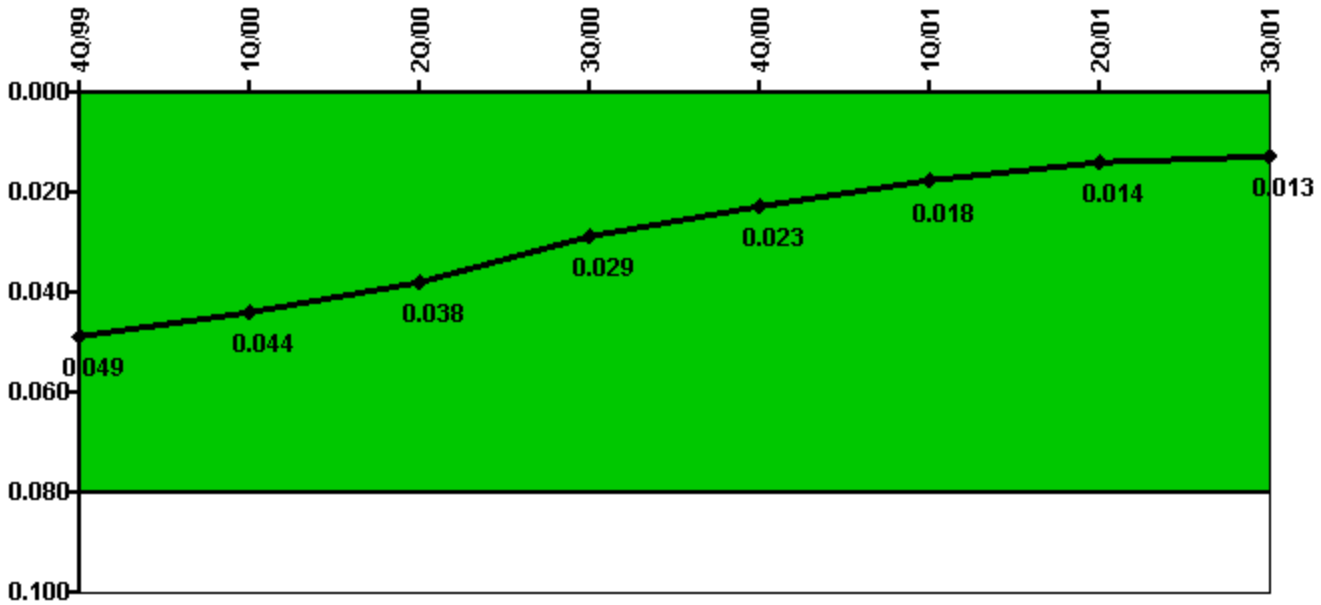
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

### Protected Area Security Performance Index



Thresholds: White > 0.080

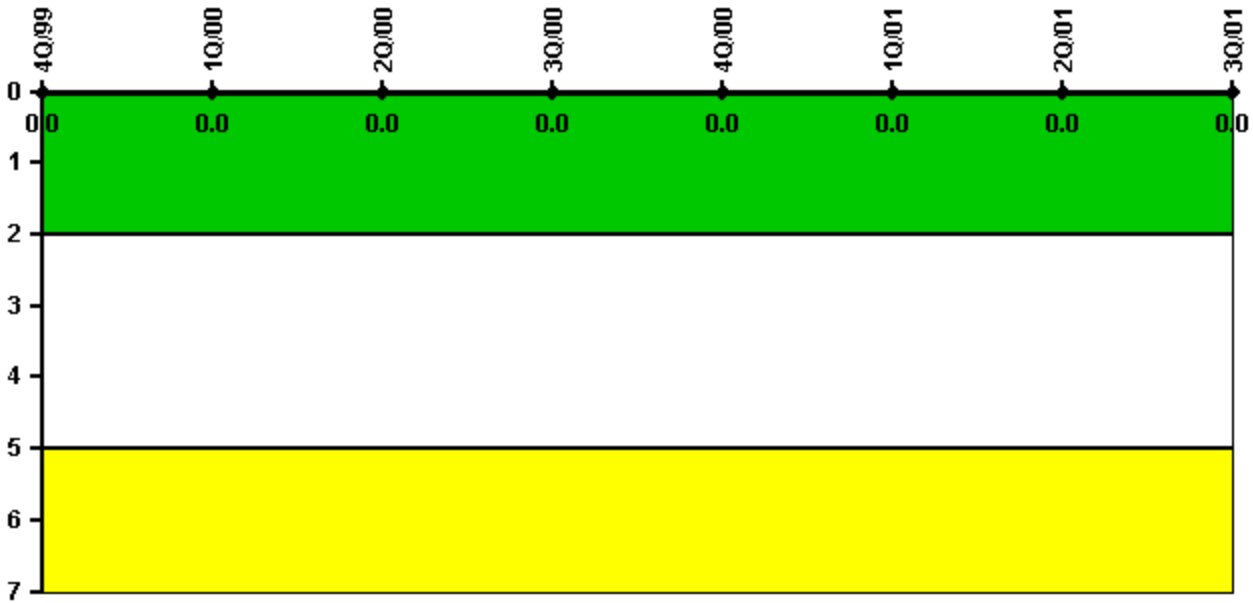
#### Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
IDS compensatory hours	686.40	439.80	683.90	142.40	279.40	111.00	407.50	48.60
CCTV compensatory hours	0	0	0	0	0	0	0	0
IDS normalization factor	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
CCTV normalization factor	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
<b>Index Value</b>	<b>0.049</b>	<b>0.044</b>	<b>0.038</b>	<b>0.029</b>	<b>0.023</b>	<b>0.018</b>	<b>0.014</b>	<b>0.013</b>

Licensee Comments: none



### Personnel Screening Program



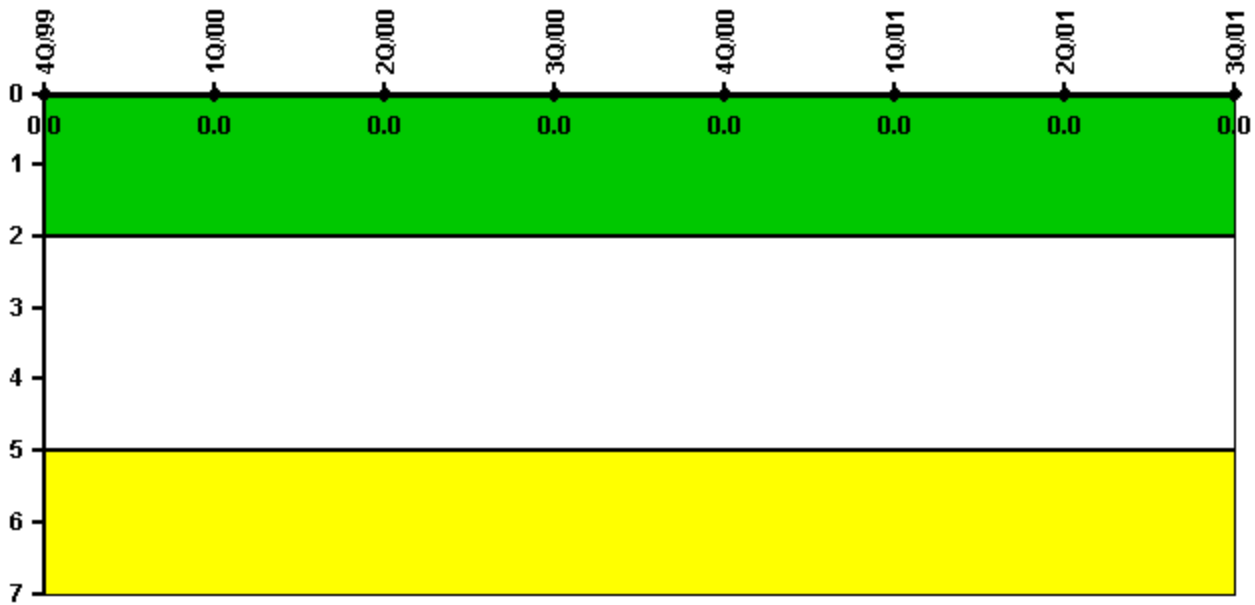
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

### FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 26, 2002