

### Watts Bar 1

#### 3Q/2001 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



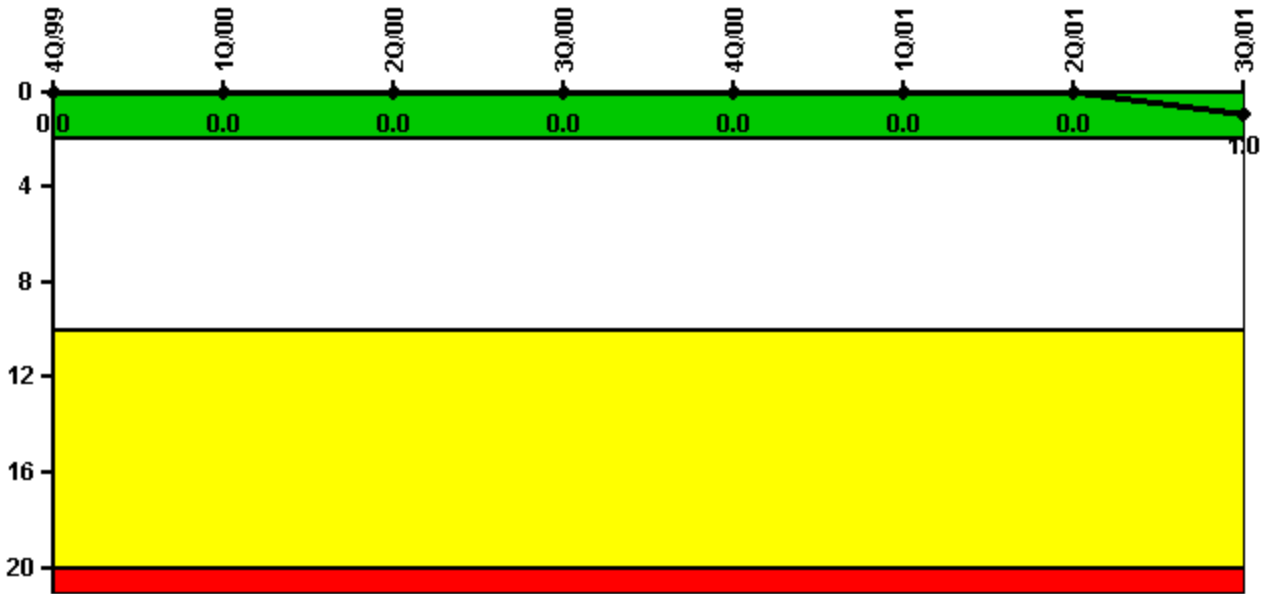
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### 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	1.0	1.0
Critical hours	2209.0	2184.0	2183.0	1704.0	2084.3	2160.0	2152.5	1956.9
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.9</b>	<b>1.7</b>

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

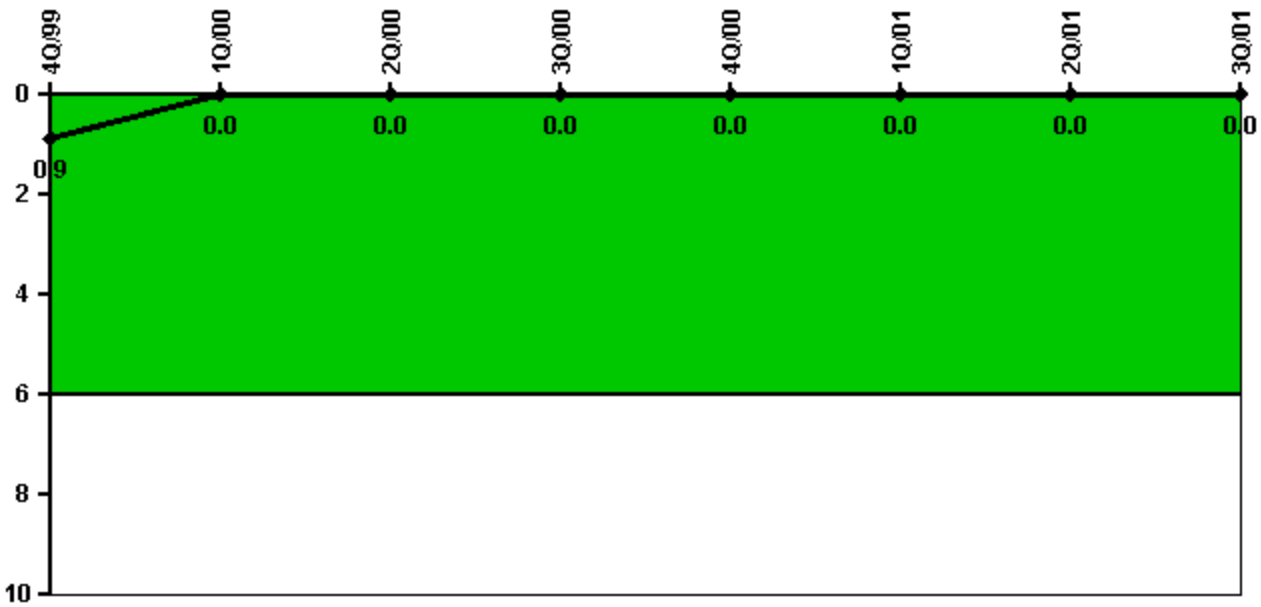
#### Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Scrams	0	0	0	0	0	0	0	1.0
Indicator value	0	0	0	0	0	0	0	1.0

Licensee Comments:

3Q/01: This change is for the 3rd Quarter 2001. The event is discussed in LER 50-390/2001-002. This change does not affect the color of the indicator.

### Unplanned Power Changes per 7000 Critical Hrs



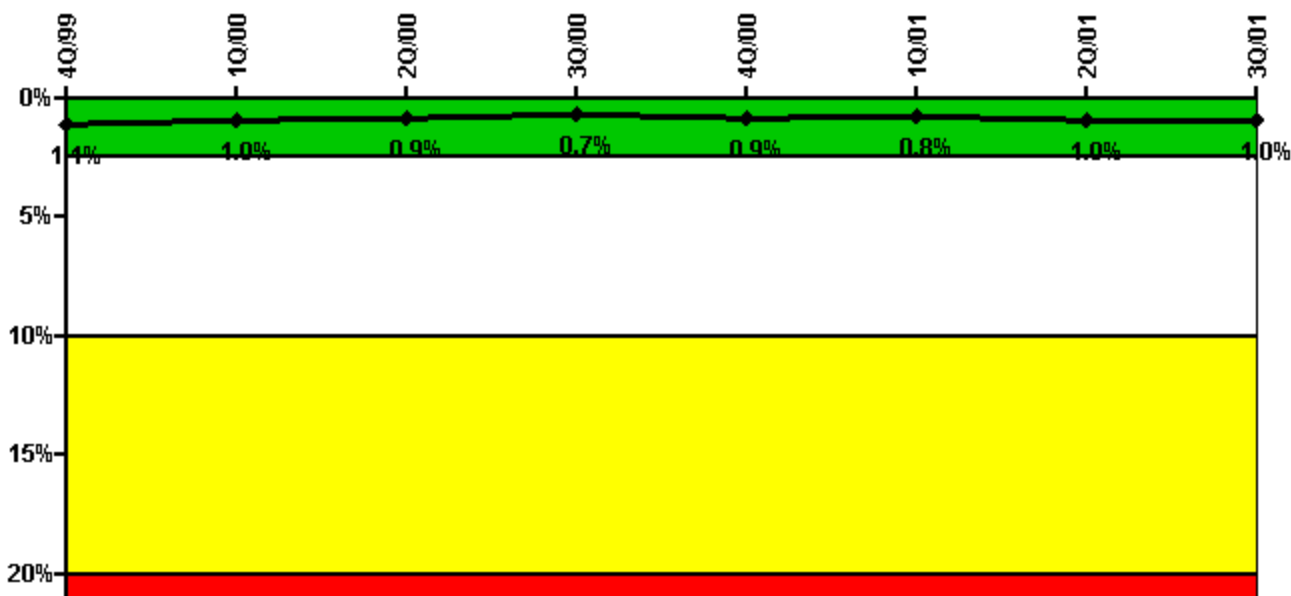
Thresholds: White > 6.0

#### 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	0	0	0	0	0	0	0	0
Critical hours	2209.0	2184.0	2183.0	1704.0	2084.3	2160.0	2152.5	1956.9
Indicator value	0.9	0	0	0	0	0	0	0

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	11.50	20.91	40.21	1.70	44.64	2.24	30.21	2.03
Unplanned unavailable hours	0	0	0	0	0	0	8.52	0
Fault exposure hours	0	0	0	0	0	0	1.75	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2086.48	2209.00	2160.00	2183.00	2208.00
<b>Train 2</b>								
Planned unavailable hours	2.08	2.00	42.32	1.84	149.95	3.44	59.69	2.05
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	25.08	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	1867.37	2209.00	2160.00	2183.00	2123.63
<b>Train 3</b>								
Planned unavailable hours	2.48	44.23	4.70	2.04	26.27	2.80	47.37	2.42
Unplanned unavailable hours	0	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	2086.48	2209.00	2160.00	2183.00	2208.00
<b>Train 4</b>								
Planned unavailable hours	17.13	42.04	6.13	16.98	31.78	2.84	40.30	4.88
Unplanned unavailable hours	0	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	1867.37	2209.00	2160.00	2183.00	2123.63
<b>Indicator value</b>	<b>1.1%</b>	<b>1.0%</b>	<b>0.9%</b>	<b>0.7%</b>	<b>0.9%</b>	<b>0.8%</b>	<b>1.0%</b>	<b>1.0%</b>

Licensee Comments: none





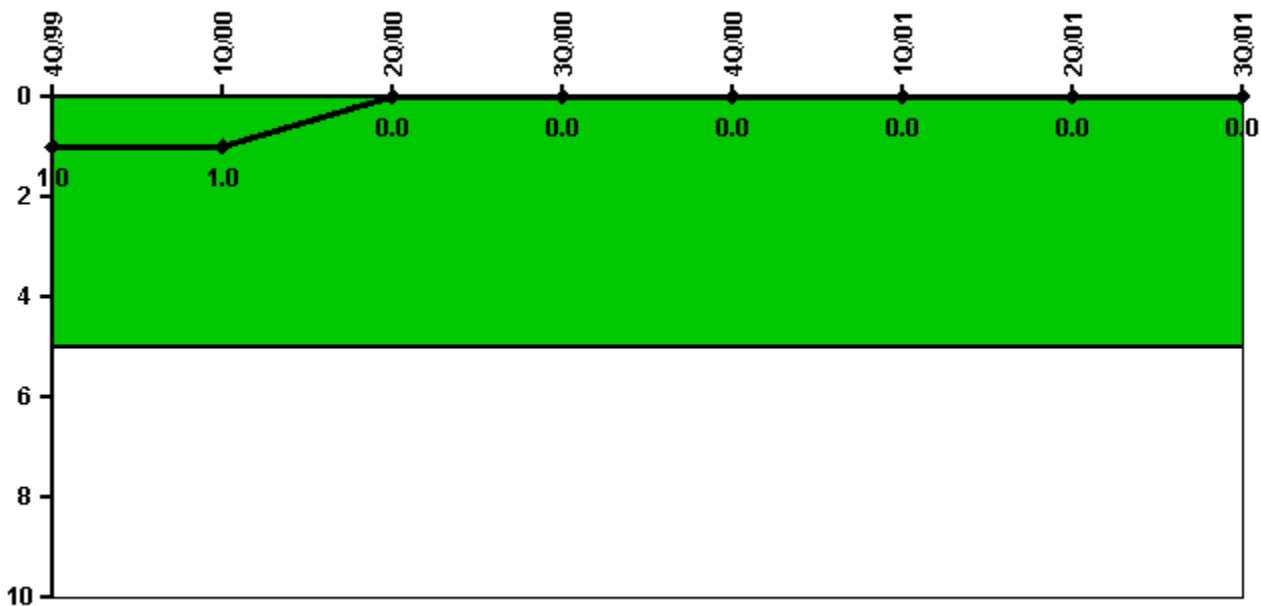


Required hours	2209.00	2184.00	2183.00	2144.10	2209.00	2160.00	2183.00	2208.00
<b>Train 2</b>								
Planned unavailable hours	10.10	1.40	47.70	1.50	1.10	1.70	2.90	2.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2144.10	2209.00	2160.00	2183.00	2208.00
<b>Indicator value</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.4%</b>

Licensee Comments:

3Q/01: 3Q/2001: Train 1 reported unplanned unavailability for September due to loss of 120 VAC Vital Bd I-1 on 9/4/01

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

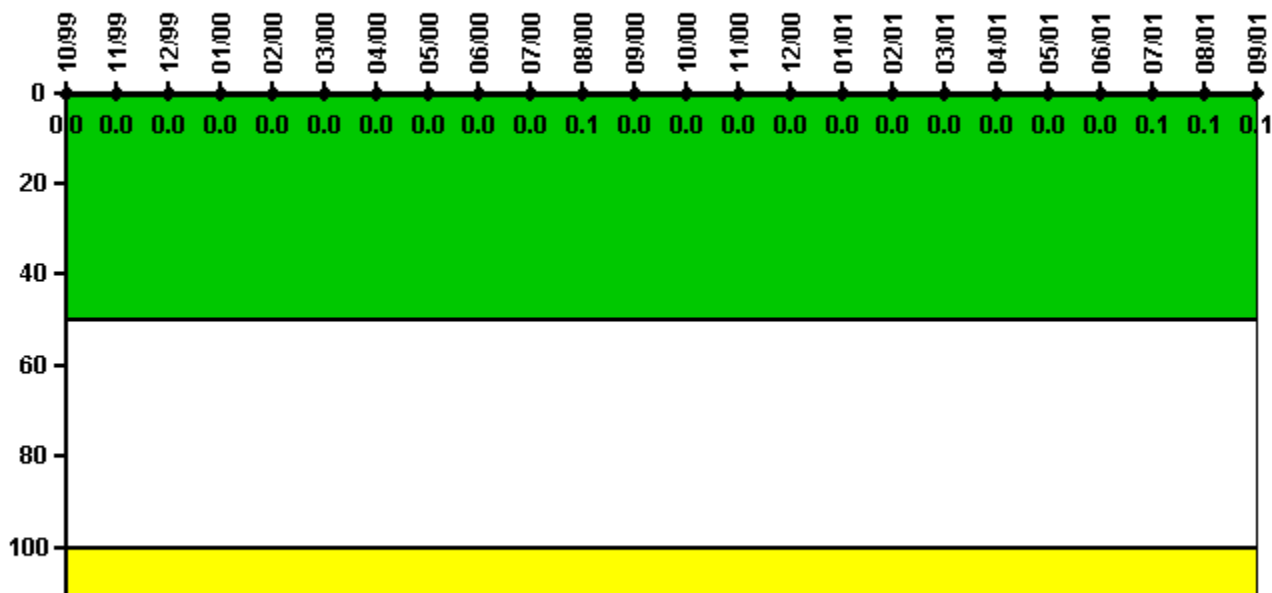
### Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Safety System Functional Failures	0	0	0	0	0	0	0	0
<b>Indicator value</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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	0.000280	0.000336	0.000290	0.000320	0.000300	0.000300	0.000325	0.000310	0.000330	0.000490	0.000564	0.000270
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	0	0	0	0	0	0	0.1	0

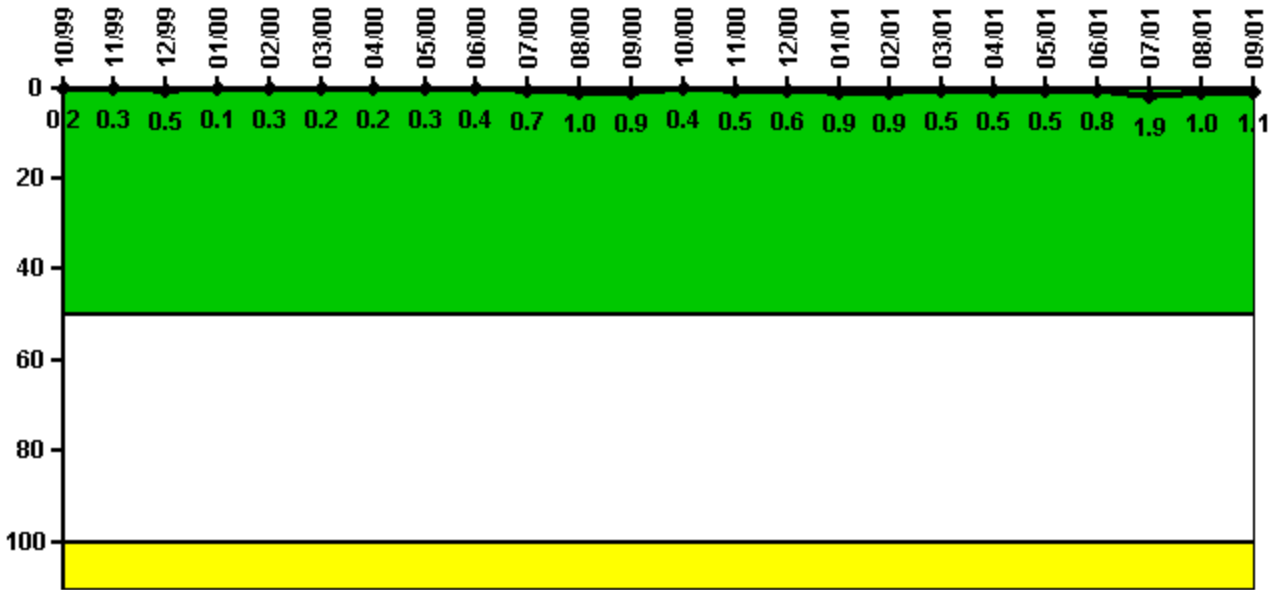
  

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.000204	0.000231	0.000230	0.000233	0.000242	0.000248	0.000250	0.000250	0.000274	0.000267	0.000282	0.000281
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.3	0.3
Indicator value	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1

Licensee Comments:

9/01: 3Q/2001: TVA is preparing a revision to the WBN Tech Specs to lower the steady state specific activity of primary coolant from 1.0 uCi/gm DEI-131 to 0.265 uCi/gm DEI-131. Until the Tech Specs are approved WBN PER 00-012545-000 corrective actions placed an admin limit of 0.265 uCi/gm DEI-131 limit for RCS activity.

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

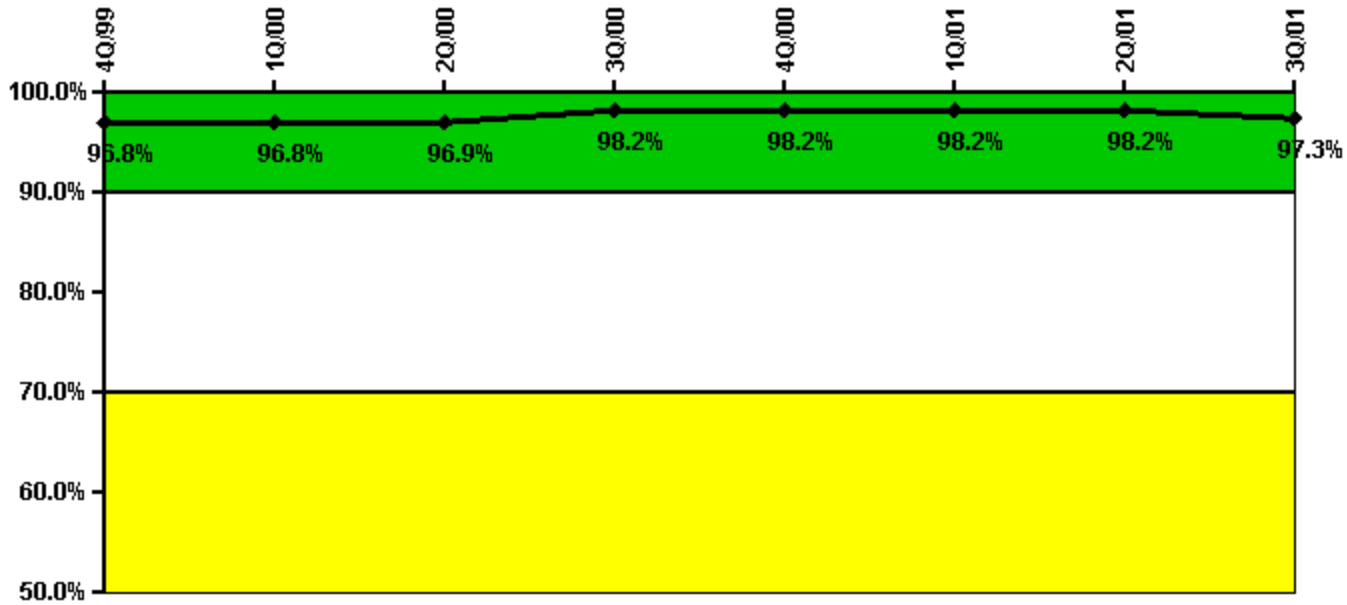
Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.020	0.030	0.050	0.010	0.030	0.020	0.020	0.030	0.040	0.070	0.100	0.090
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	0.3	0.5	0.1	0.3	0.2	0.2	0.3	0.4	0.7	1.0	0.9

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	0.040	0.050	0.060	0.090	0.090	0.050	0.050	0.050	0.080	0.190	0.100	0.110
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	0.4	0.5	0.6	0.9	0.9	0.5	0.5	0.5	0.8	1.9	1.0	1.1

Licensee Comments: none

### Drill/Exercise Performance



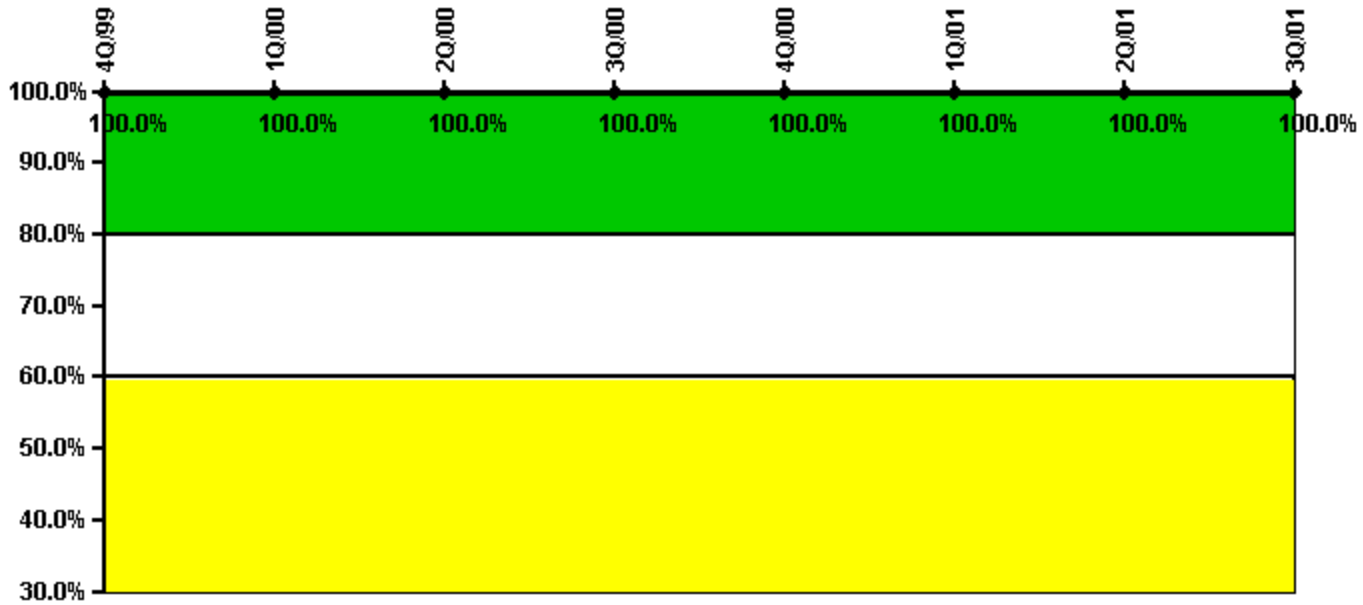
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	26.0	0	6.0	24.0	6.0	2.0	0	8.0
Total opportunities	28.0	0	6.0	24.0	6.0	2.0	0	8.0
Indicator value	96.8%	96.8%	96.9%	98.2%	98.2%	98.2%	98.2%	97.3%

Licensee Comments: none

### ERO Drill Participation



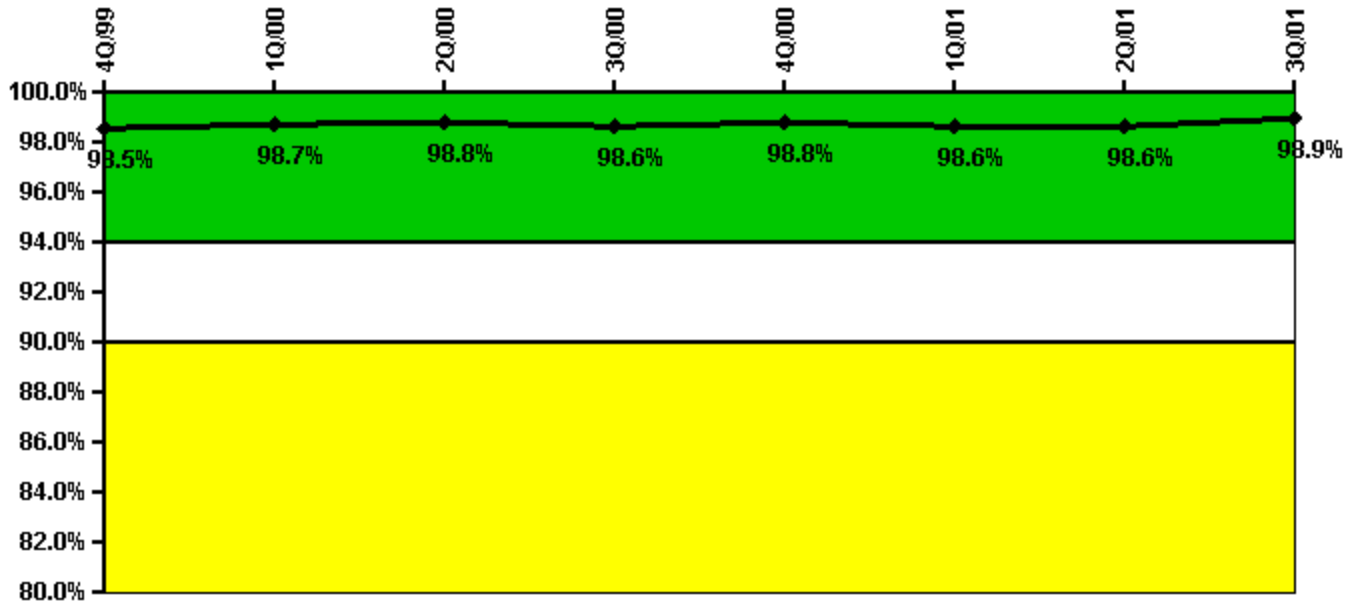
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	50.0	49.0	48.0	48.0	46.0	49.0	48.0	47.0
Total Key personnel	50.0	49.0	48.0	48.0	46.0	49.0	48.0	47.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

### Alert & Notification System



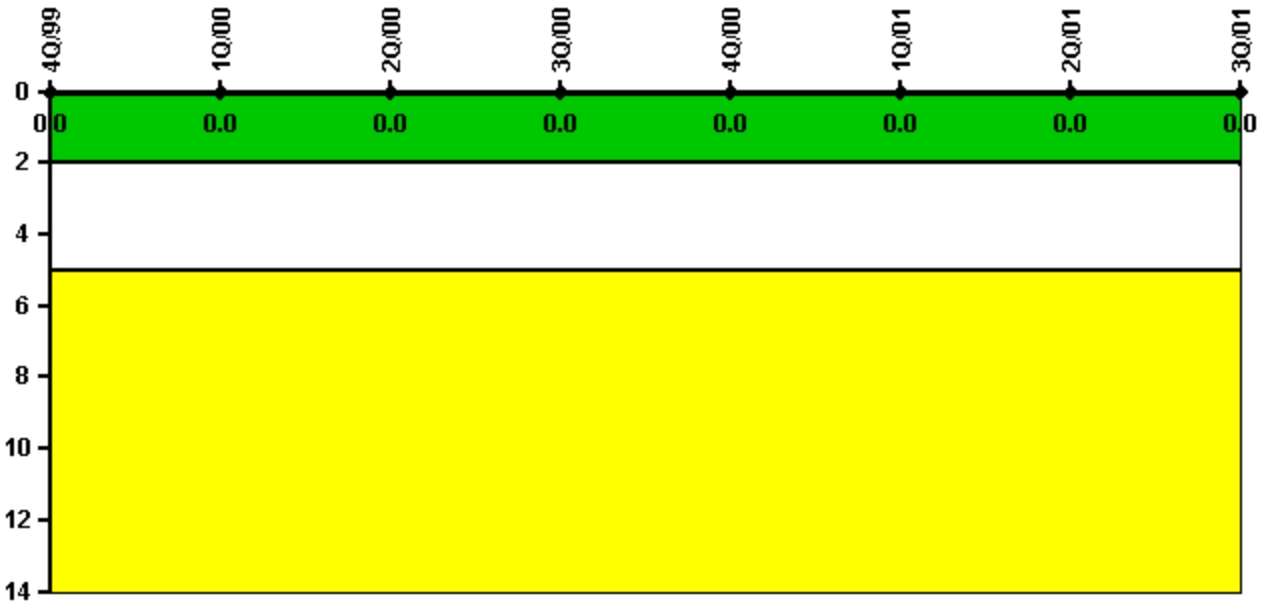
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	681	881	880	779	784	681	782	886
Total sirens-tests	693	891	891	792	792	693	792	891
Indicator value	98.5%	98.7%	98.8%	98.6%	98.8%	98.6%	98.6%	98.9%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



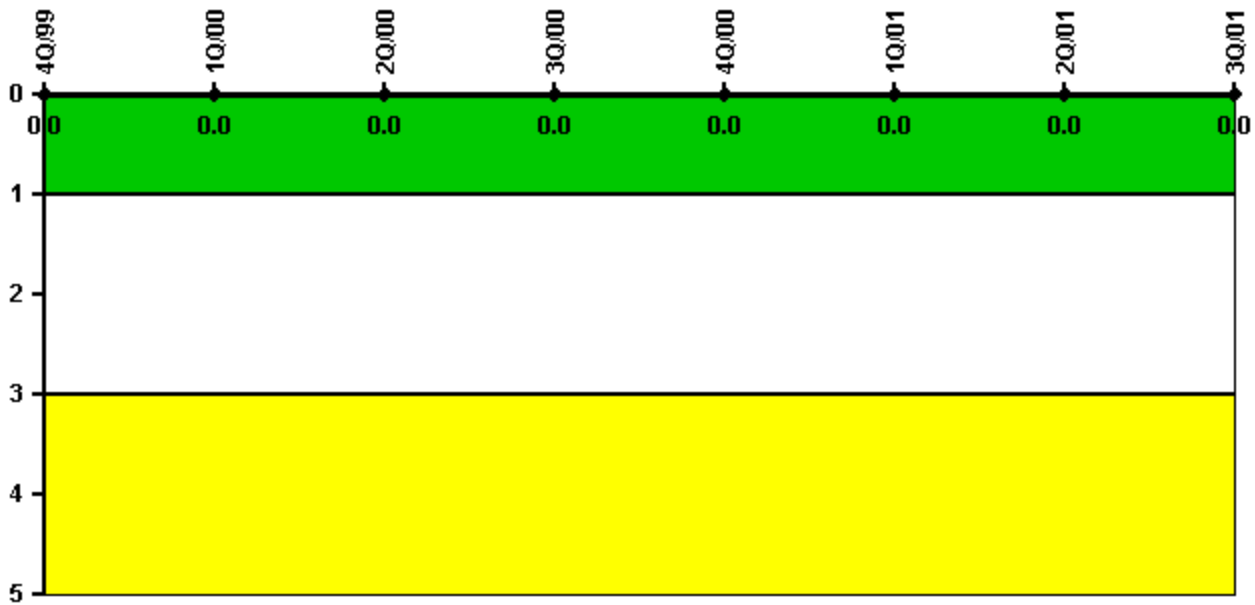
Thresholds: White > 2.0 Yellow > 5.0

#### 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	0	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>0</b>	<b>0</b>	<b>0</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



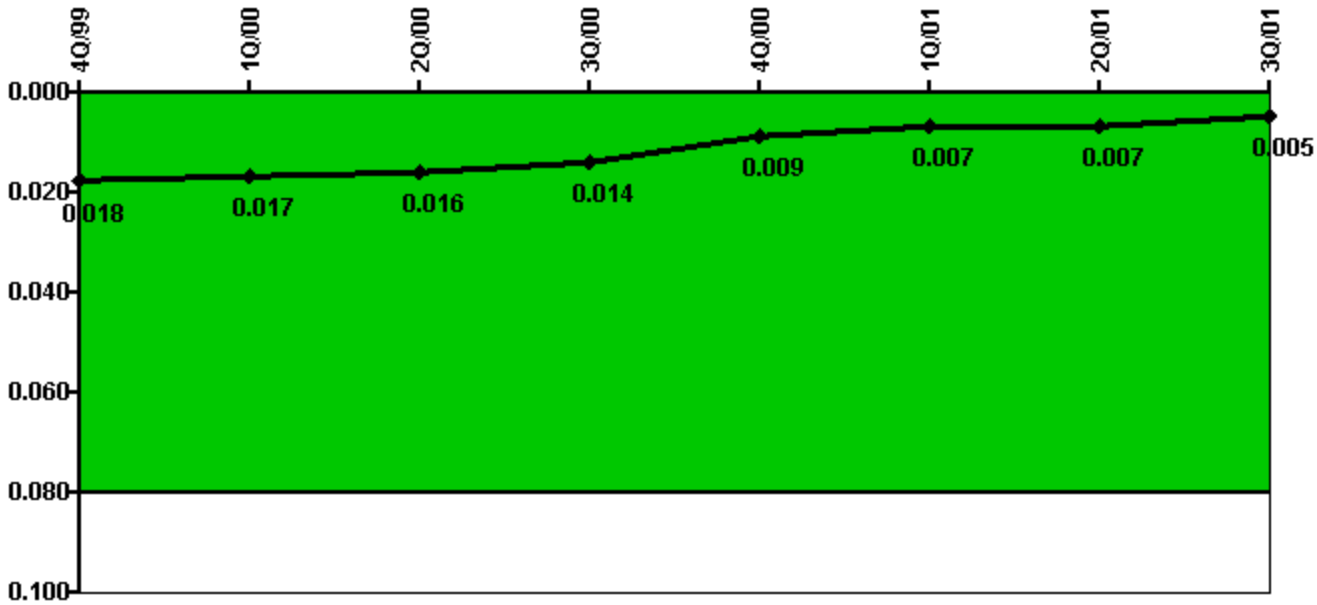
Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	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

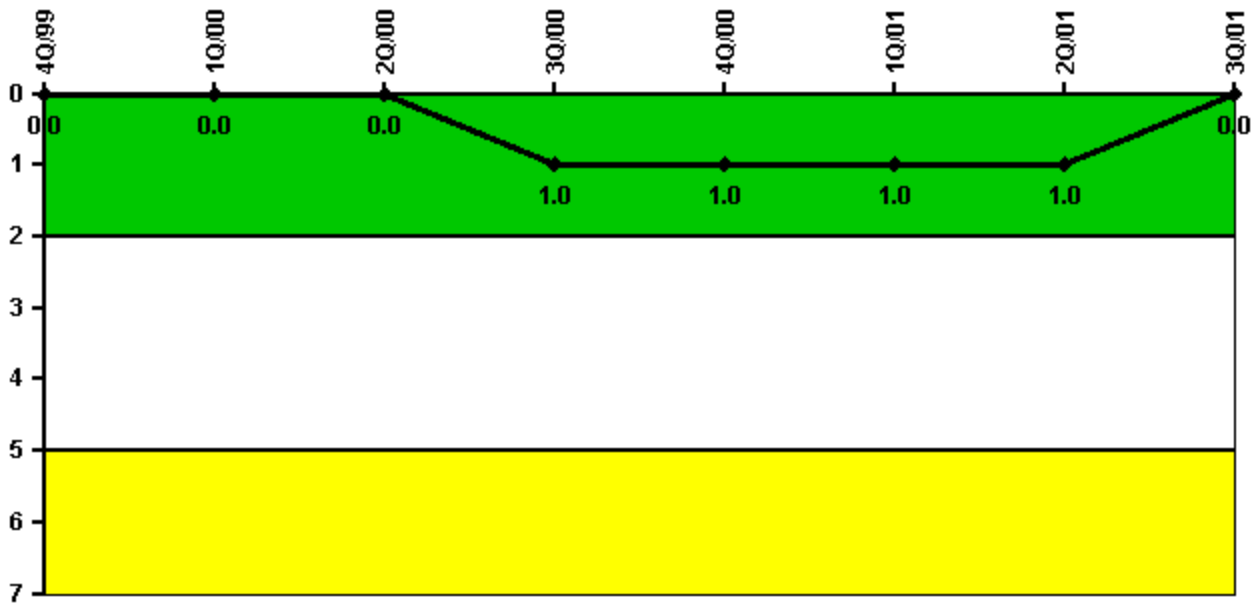
Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
IDS compensatory hours	274.40	100.70	93.10	77.80	49.50	30.60	81.30	17.70
CCTV compensatory hours	0	1.8	4.5	24.9	13.4	4.3	2.6	1.6
IDS normalization factor	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
CCTV normalization factor	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
<b>Index Value</b>	<b>0.018</b>	<b>0.017</b>	<b>0.016</b>	<b>0.014</b>	<b>0.009</b>	<b>0.007</b>	<b>0.007</b>	<b>0.005</b>

#### Licensee Comments:

1Q/01: 1Q/2001: CHANGE REPORT COMMENTS. Data submitted for the month of February 2001 indicated 0 hours on CCTV. During a review of documentation on October 17 it was found that SGER 01-01-030 had the wrong event code. This error prevented the data collection system from recording this information as PI hours. PI hours for February should have been 4.3 hours. This change does not affect the color of the indicator.



### 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	1	0	0	0	0
Indicator value	0	0	0	1	1	1	1	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