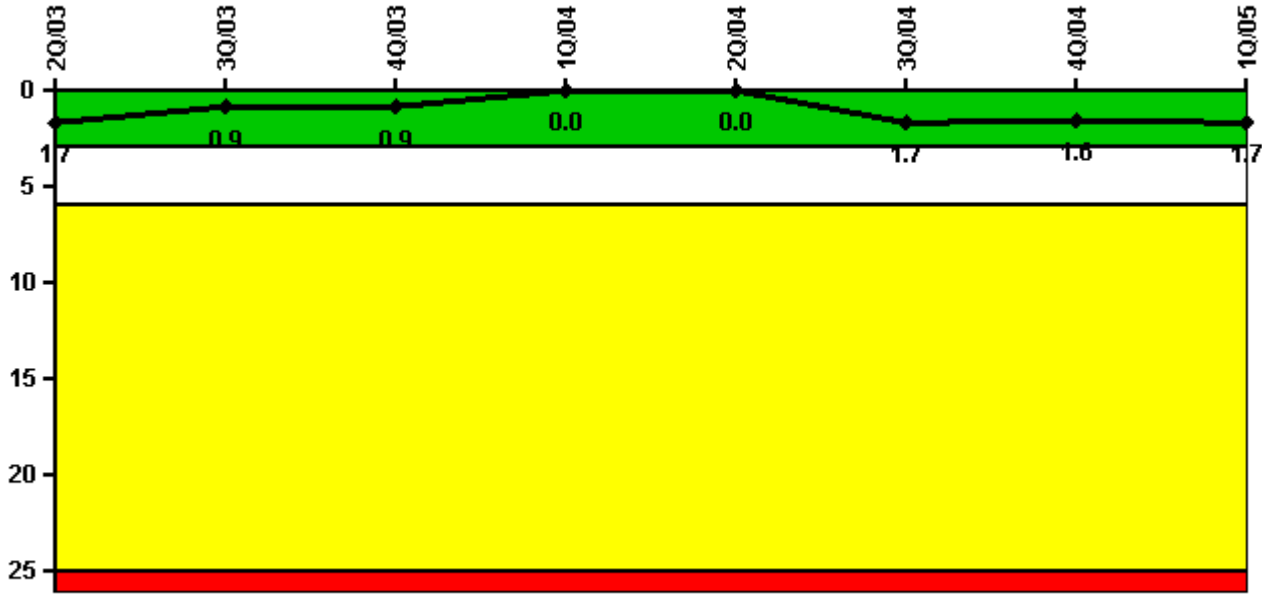


## Browns Ferry 2

### 1Q/2005 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



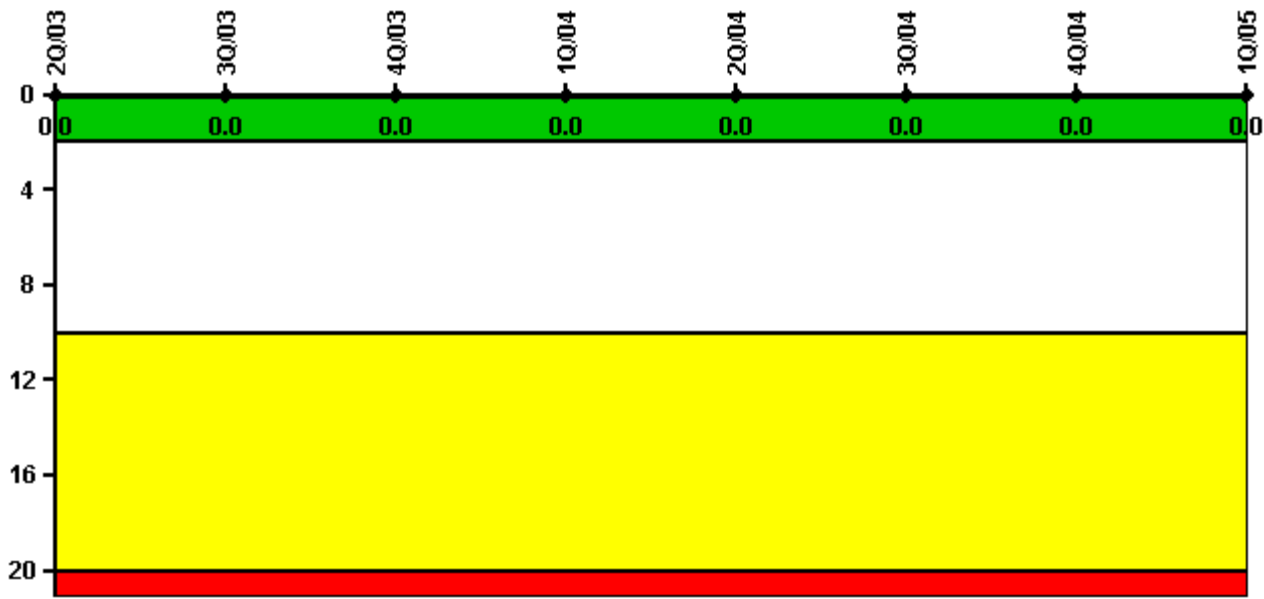
**Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0**

#### Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	0	0	0	0	0	2.0	0	0
Critical hours	2183.0	2208.0	1962.0	2184.0	2183.0	2143.7	2209.0	1905.0
Indicator value	1.7	0.9	0.9	0	0	1.7	1.6	1.7

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



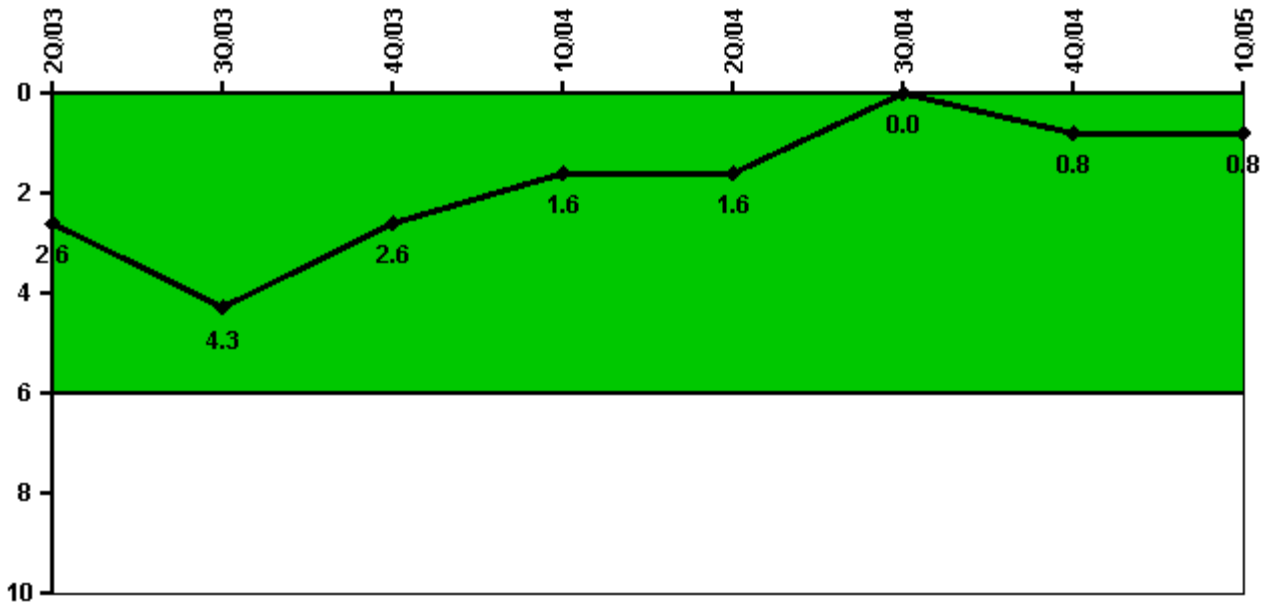
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
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	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	0	2.0	0	0	0	0	1.0	0
Critical hours	2183.0	2208.0	1962.0	2184.0	2183.0	2143.7	2209.0	1905.0
Indicator value	2.6	4.3	2.6	1.6	1.6	0	0.8	0.8

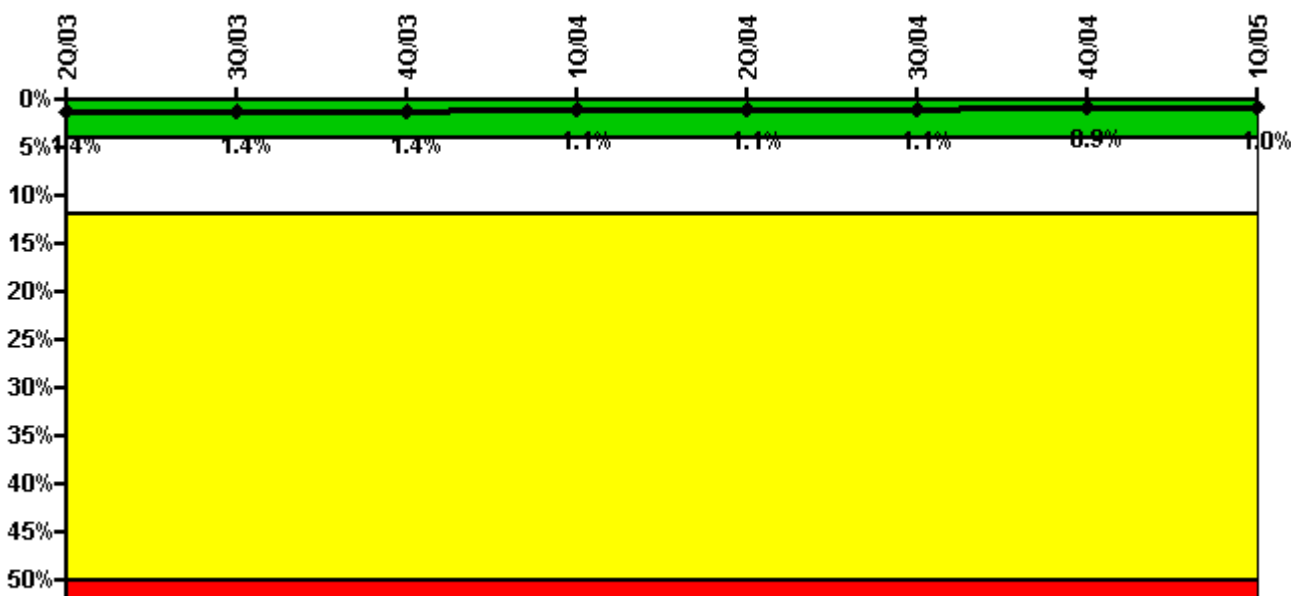
Licensee Comments: none



Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2184.00	2208.00	2208.00	2160.00
<b>Train 6</b>								
Planned unavailable hours	1.56	6.30	2.09	58.30	0.76	2.68	1.55	1.21
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	2183.00	2208.00	2209.00	2184.00	2184.00	2208.00	2208.00	2160.00
<b>Train 7</b>								
Planned unavailable hours	37.81	4.44	2.02	1.85	2.32	3.59	10.61	1.30
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	2183.00	2208.00	2209.00	2184.00	2184.00	2208.00	2208.00	2160.00
<b>Train 8</b>								
Planned unavailable hours	10.89	3.86	1.29	1.18	1.39	1.05	2.33	5.73
Unplanned unavailable hours	34.08	0	0	89.95	0	0	0	0
Fault exposure hours	0	0	0	378.67	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2184.00	2208.00	2208.00	2160.00
<b>Indicator value</b>	<b>0.7%</b>	<b>0.8%</b>	<b>0.9%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.1%</b>

Licensee Comments: none

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



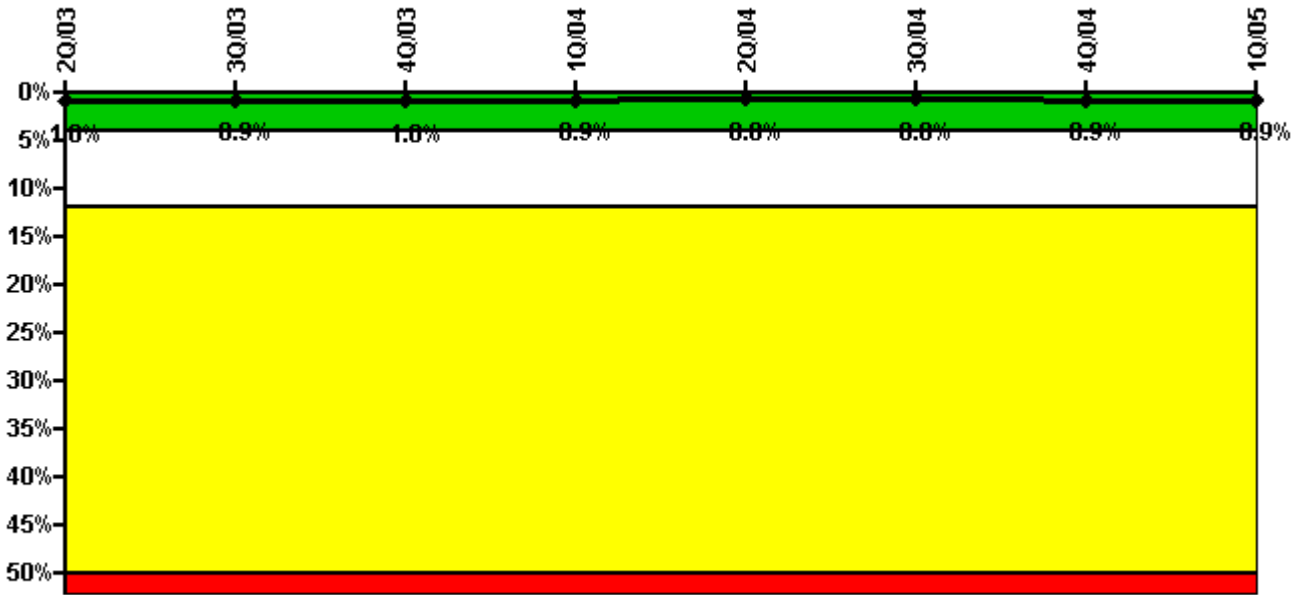
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

**Notes**

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
<b>Train 1</b>								
Planned unavailable hours	3.90	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	11.69	0	0	0	0	9.72
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1942.05	2184.00	2184.00	2208.00	2208.00	1910.10
<b>Indicator value</b>	<b>1.4%</b>	<b>1.4%</b>	<b>1.4%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>0.9%</b>	<b>1.0%</b>

Licensee Comments: none

**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)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
<b>Train 1</b>								
Planned unavailable hours	4.34	1.00	8.35	0	8.58	0.33	22.80	0.58
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	2183.00	2208.00	1942.05	2184.00	2184.00	2208.00	2208.00	1910.10
<b>Indicator value</b>	<b>1.0%</b>	<b>0.9%</b>	<b>1.0%</b>	<b>0.9%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.9%</b>	<b>0.9%</b>

Licensee Comments: none

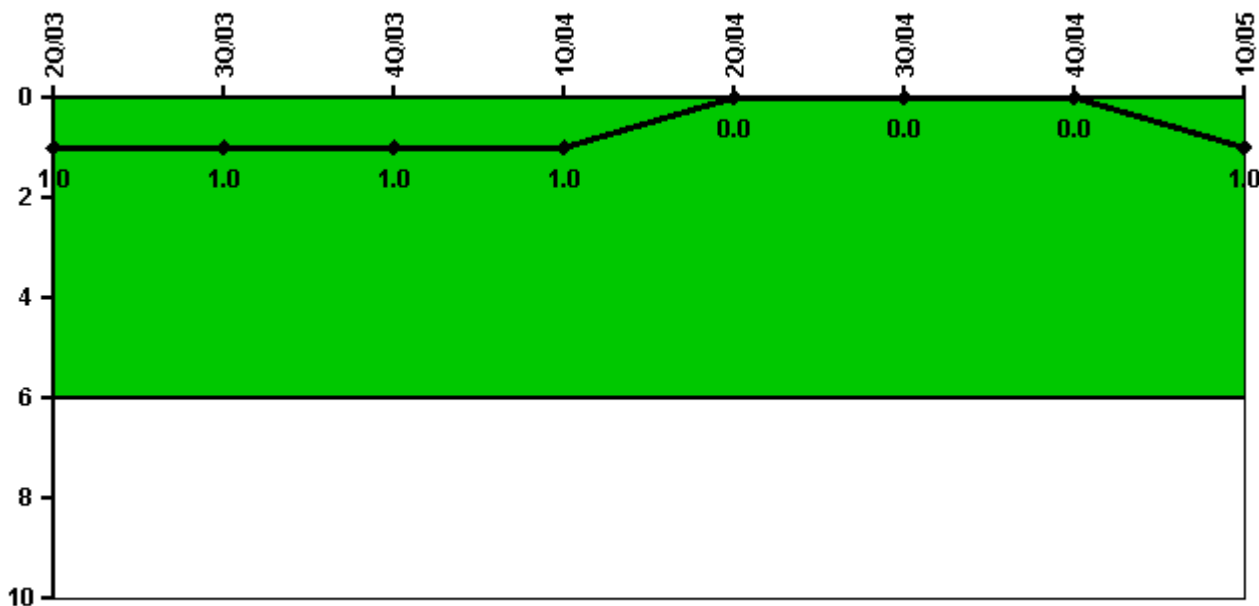


Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	1913.20
Indicator value	0.5%	0.5%	0.7%	0.8%	0.8%	0.8%	0.8%	0.9%

Licensee Comments:

4Q/04: In accordance with approved FAQ 40.7, 30.82 hours of planned unavailability in October and 8.13 hours planned unavailability in November were excluded for Train 3 (2C).

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

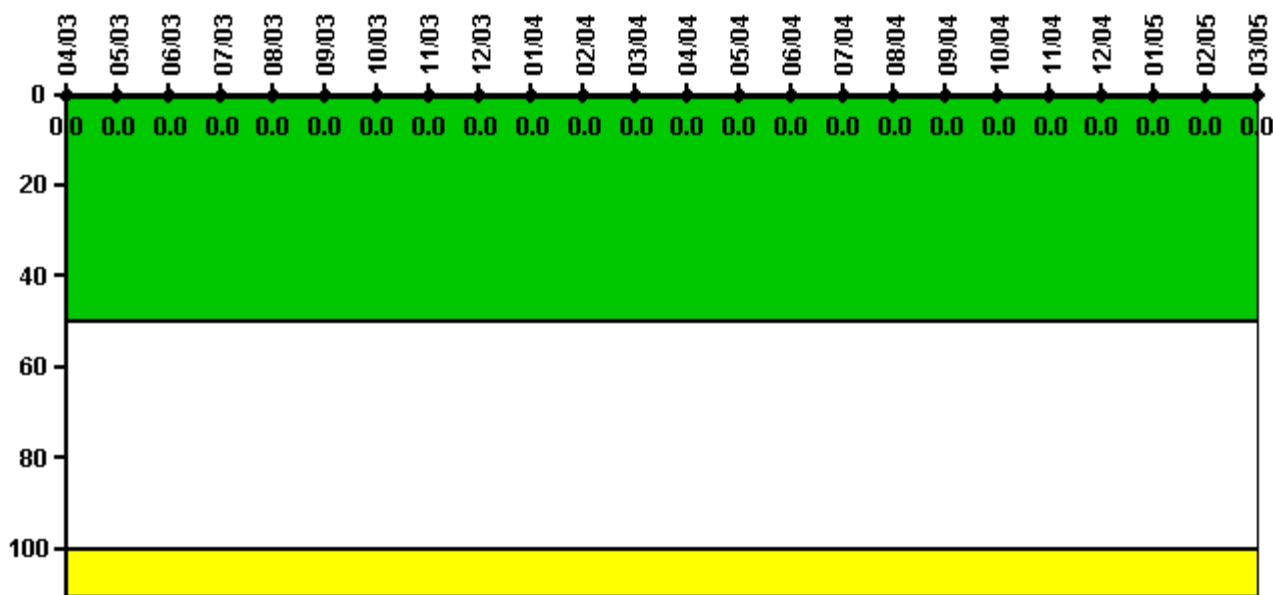
### Notes

Safety System Functional Failures (BWR)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Safety System Functional Failures	1	0	0	0	0	0	0	1
Indicator value	1	1	1	1	0	0	0	1

Licensee Comments: none



### Reactor Coolant System Activity



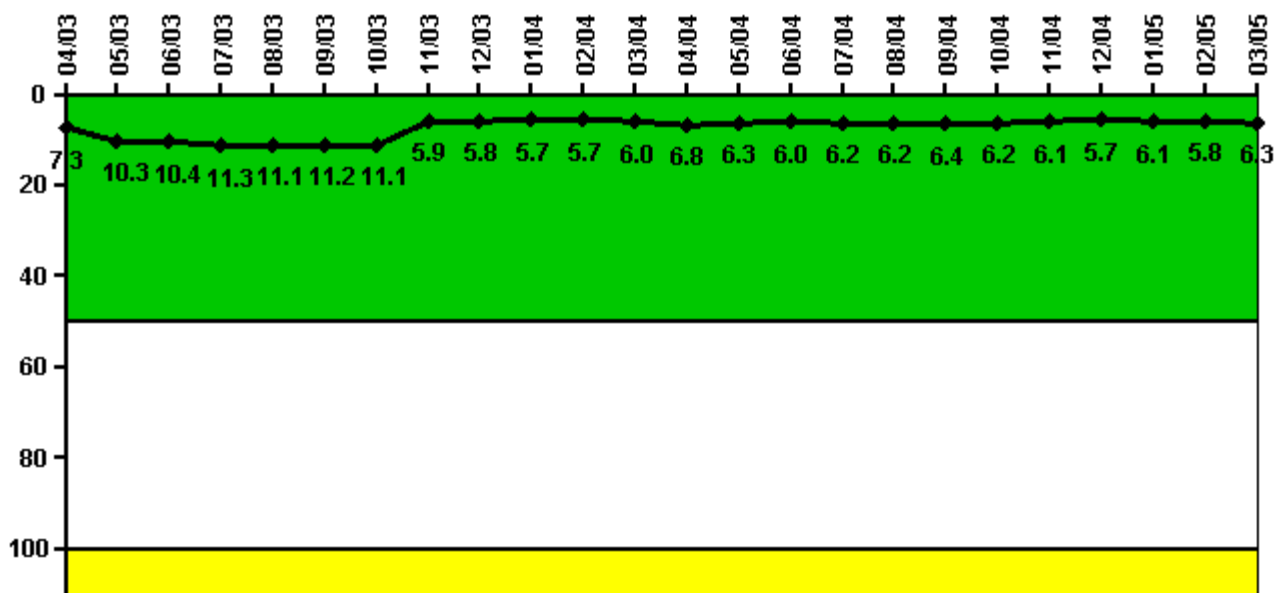
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.000622	0.000153	0.000109	0.000107	0.000109	0.000098	0.000119	0.000134	0.000184	0.000092	0.000200	0.000092
Technical specification limit	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.000114	0.000087	0.000114	0.000128	0.000081	0.000110	0.000095	0.000102	0.000037	0.000046	0.000040	0.000036
Technical specification limit	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
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

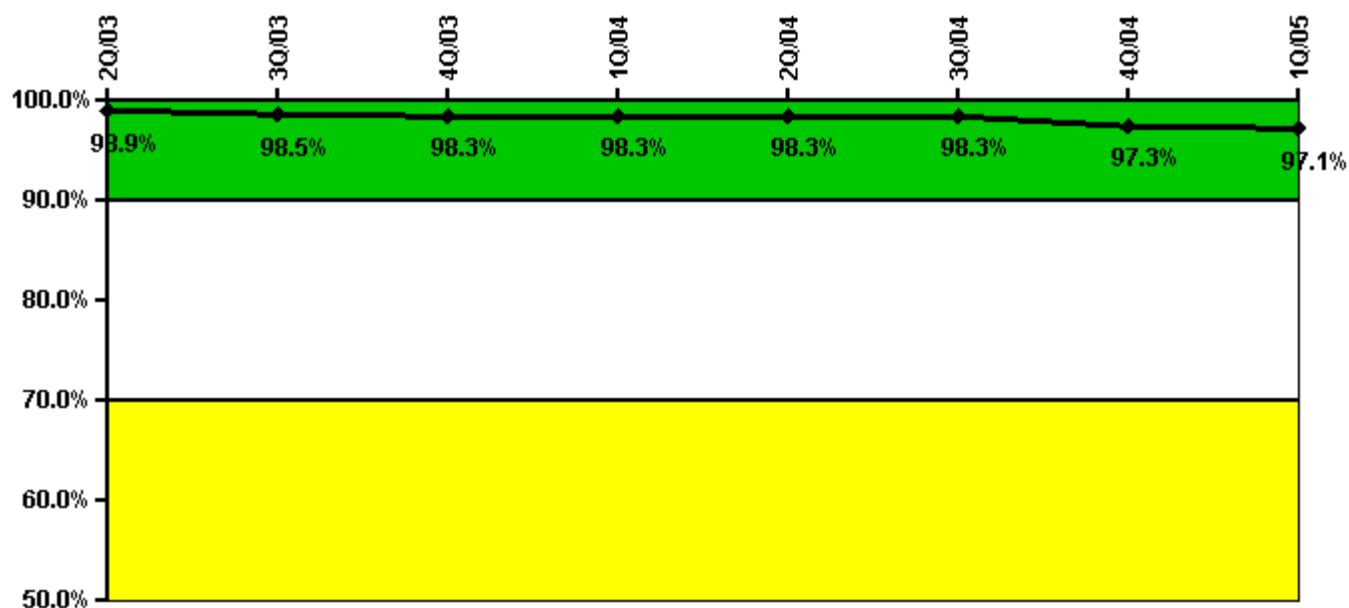
Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	2.200	3.090	3.110	3.380	3.320	3.360	3.340	1.780	1.750	1.710	1.720	1.810
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	7.3	10.3	10.4	11.3	11.1	11.2	11.1	5.9	5.8	5.7	5.7	6.0

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	2.040	1.880	1.800	1.860	1.870	1.910	1.870	1.820	1.700	1.830	1.730	1.880
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	6.8	6.3	6.0	6.2	6.2	6.4	6.2	6.1	5.7	6.1	5.8	6.3

Licensee Comments: none

### Drill/Exercise Performance



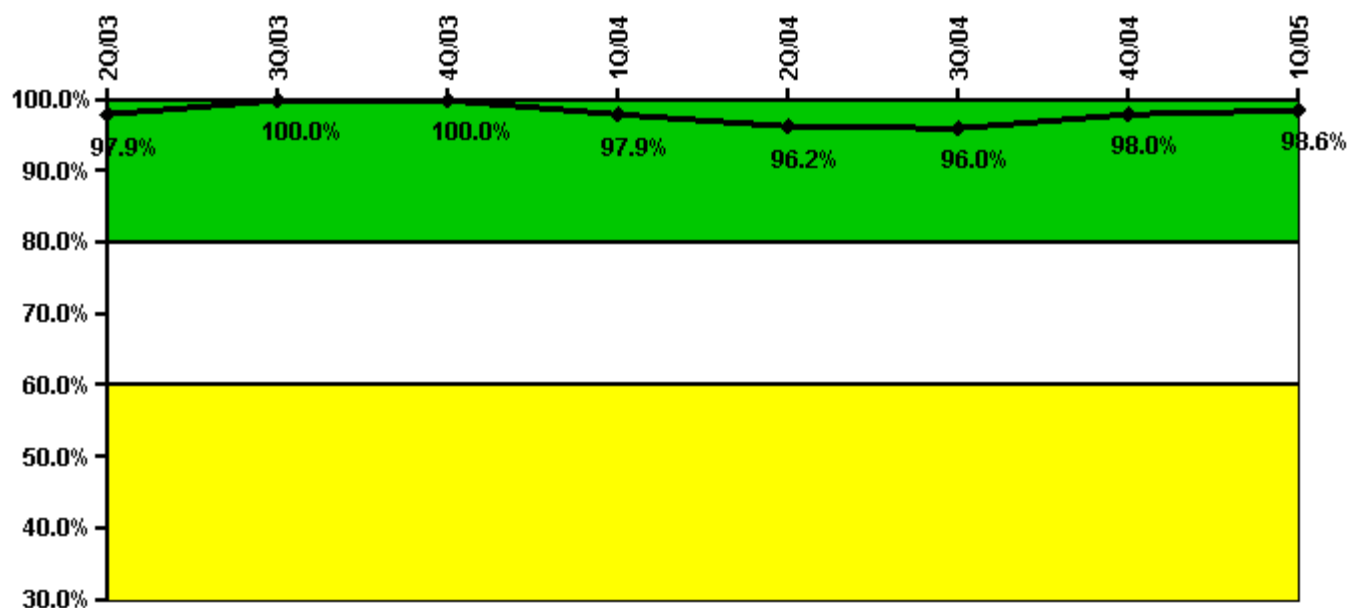
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	12.0	19.0	51.0	6.0	6.0	7.0	67.0	0
Total opportunities	12.0	20.0	52.0	6.0	6.0	7.0	70.0	0
Indicator value	98.9%	98.5%	98.3%	98.3%	98.3%	98.3%	97.3%	97.1%

Licensee Comments: none

### ERO Drill Participation



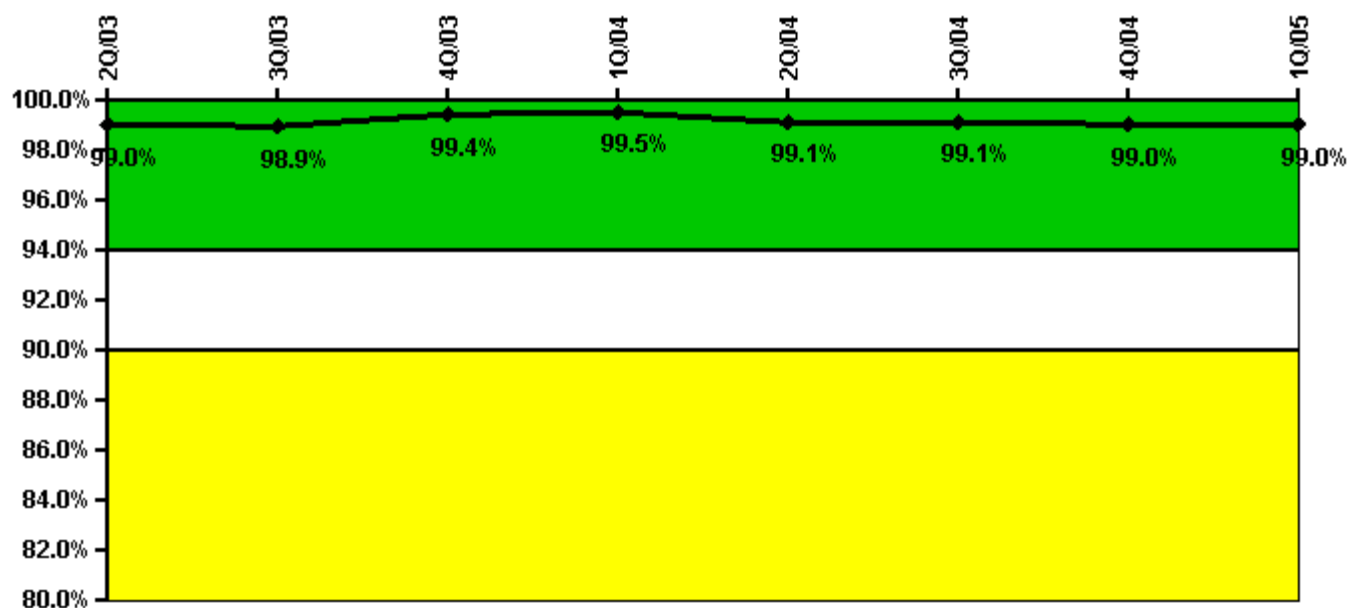
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	47.0	49.0	50.0	47.0	51.0	48.0	49.0	71.0
Total Key personnel	48.0	49.0	50.0	48.0	53.0	50.0	50.0	72.0
Indicator value	97.9%	100.0%	100.0%	97.9%	96.2%	96.0%	98.0%	98.6%

Licensee Comments: none

### Alert & Notification System



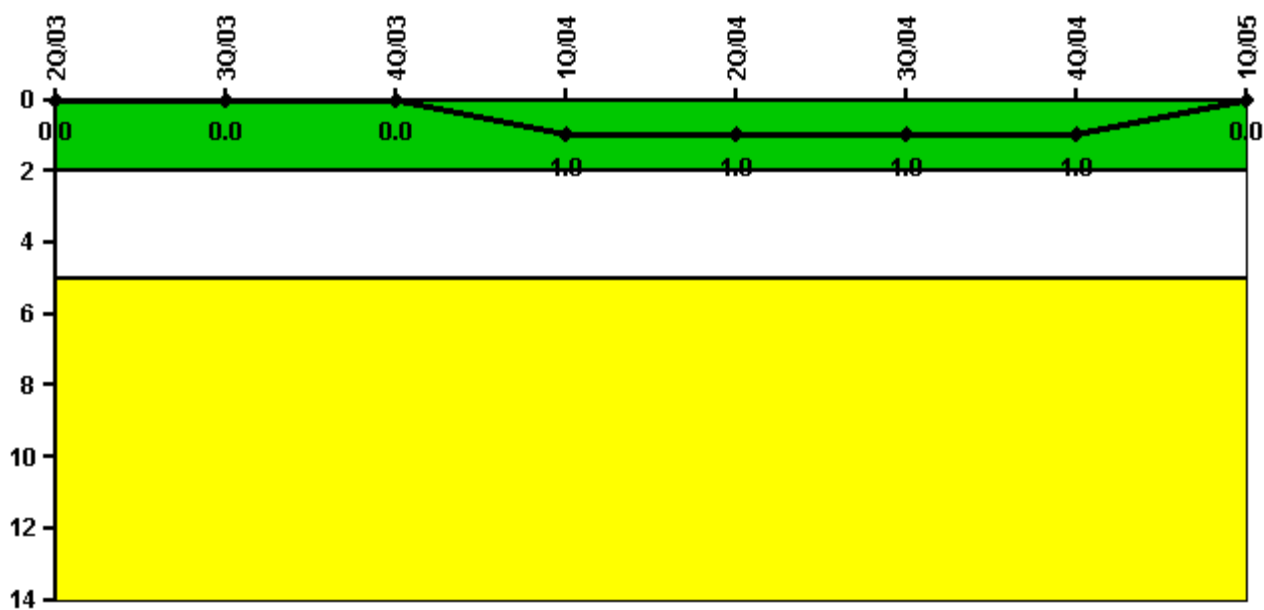
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	995	594	1098	596	883	694	994	794
Total sirens-tests	1000	600	1100	600	900	700	1000	800
Indicator value	99.0%	98.9%	99.4%	99.5%	99.1%	99.1%	99.0%	99.0%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
High radiation area occurrences	0	0	0	1	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>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

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

Last Modified: June 17, 2005