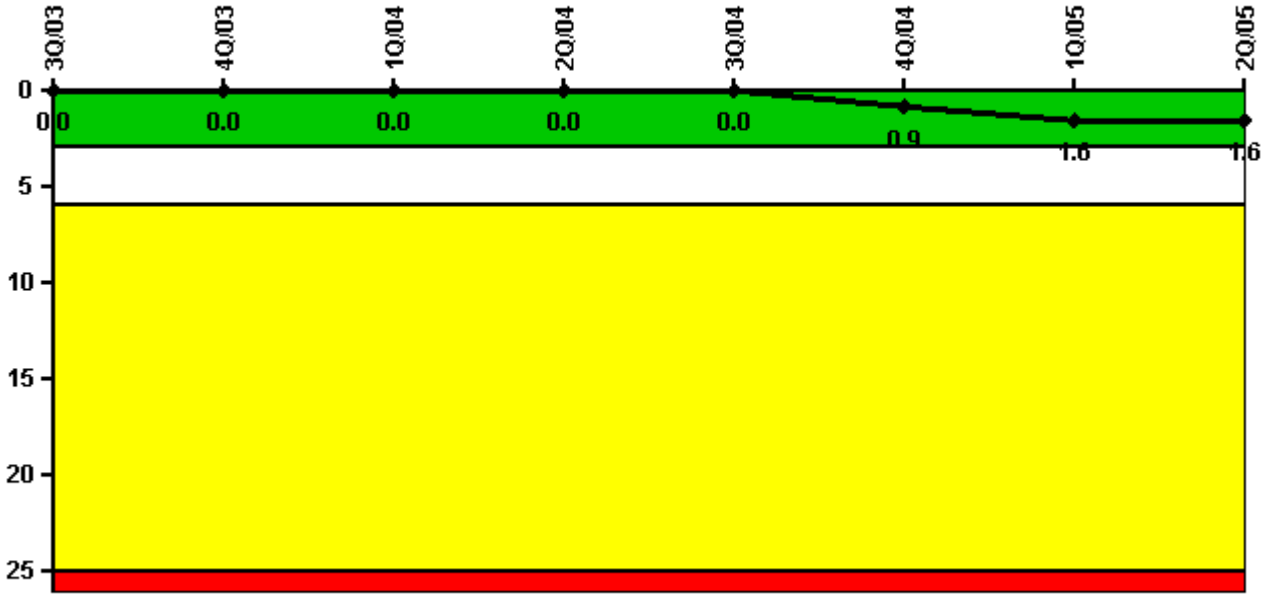


# Browns Ferry 3

## 2Q/2005 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



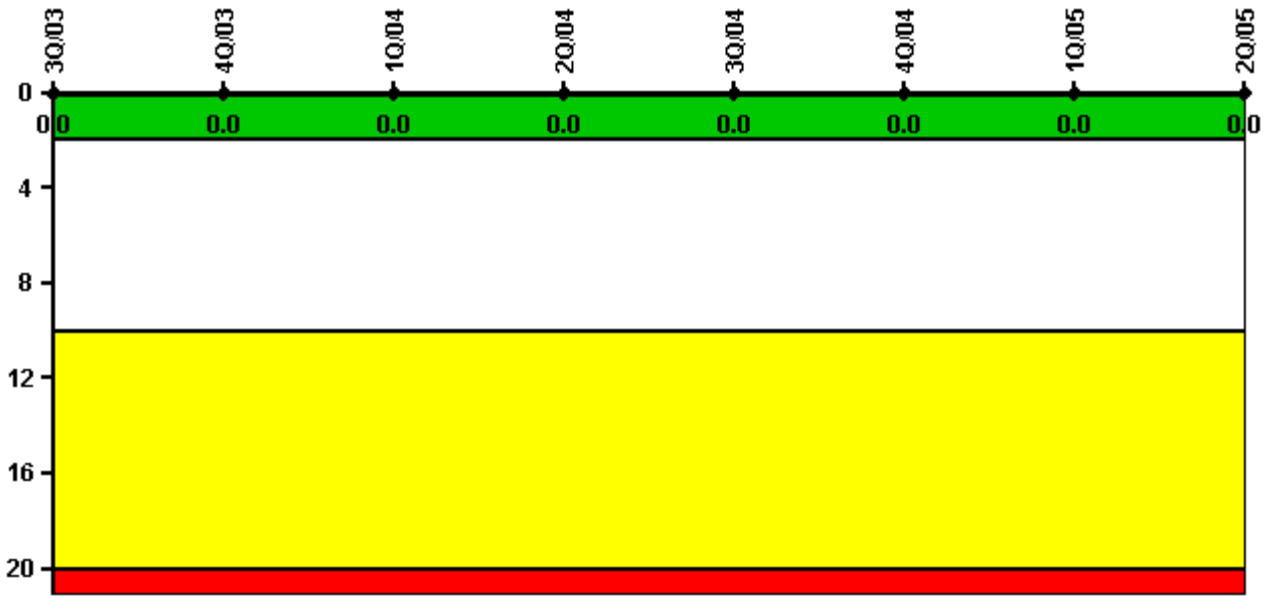
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	0	0	0	0	0	1.0	1.0	0
Critical hours	2191.0	2209.0	1486.6	2183.0	2208.0	2179.8	2068.5	2183.0
Indicator value	0	0	0	0	0	0.9	1.6	1.6

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



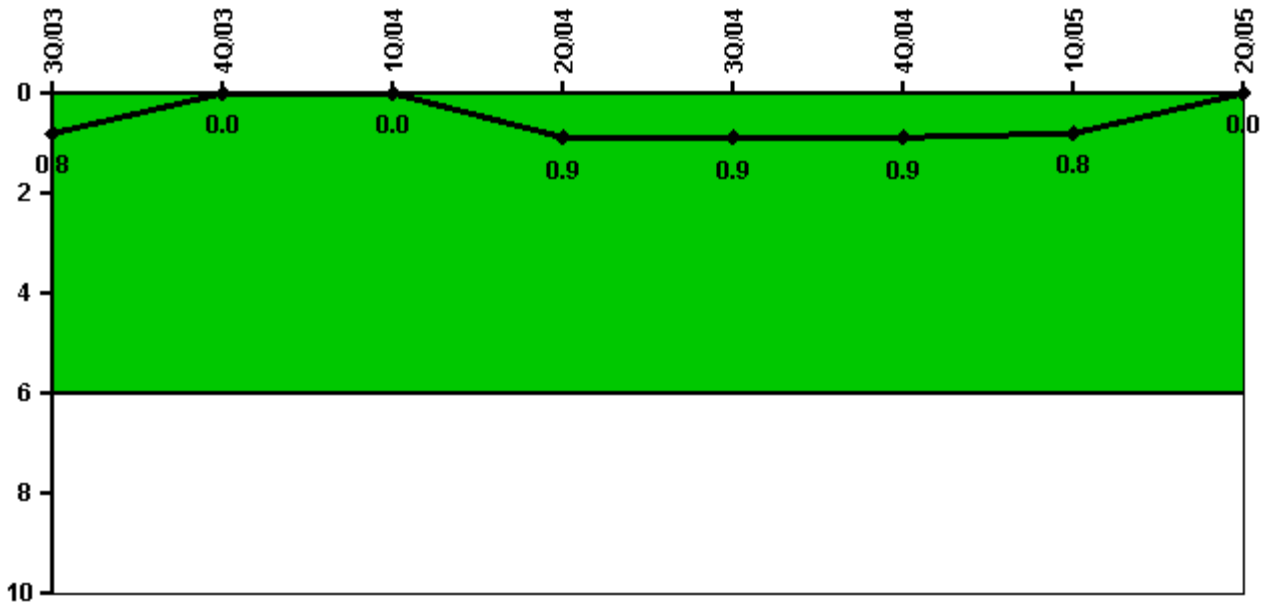
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/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	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2191.0	2209.0	1486.6	2183.0	2208.0	2179.8	2068.5	2183.0
Indicator value	0.8	0	0	0.9	0.9	0.9	0.8	0

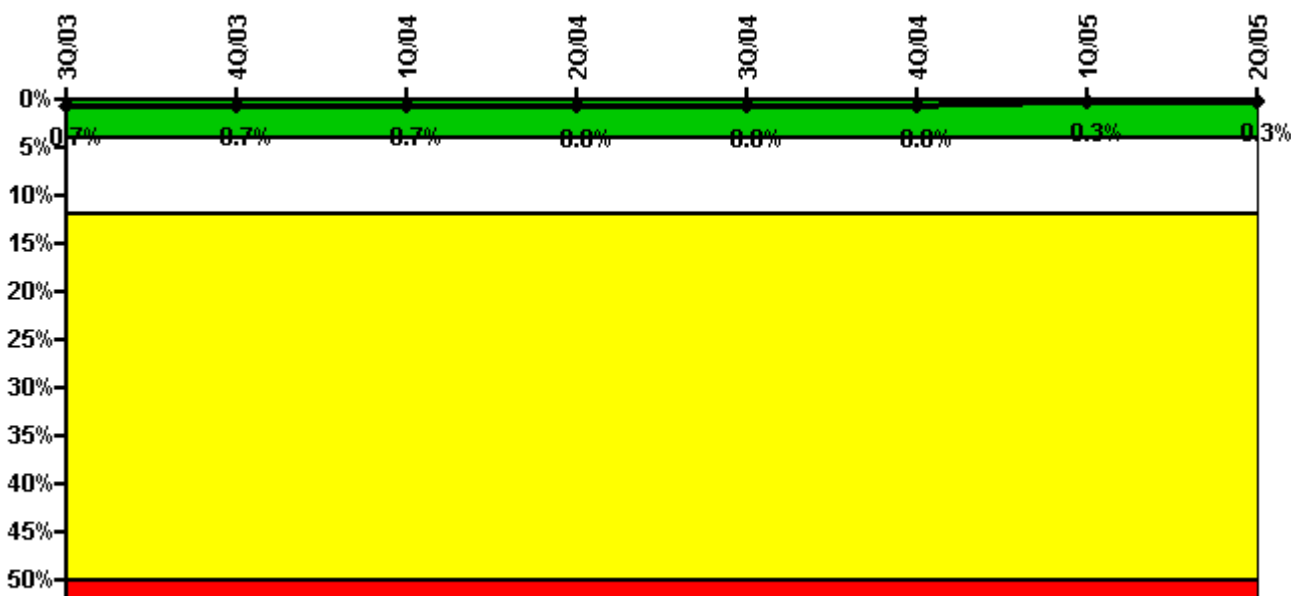
Licensee Comments: none



Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2184.00	2208.00	2208.00	2160.00	2184.00
<b>Train 6</b>								
Planned unavailable hours	6.30	2.09	58.30	0.76	2.68	1.55	1.21	8.89
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	2208.00	2209.00	2184.00	2184.00	2208.00	2208.00	2160.00	2184.00
<b>Train 7</b>								
Planned unavailable hours	4.44	2.02	1.85	2.32	3.59	10.61	1.30	8.14
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	2208.00	2209.00	2184.00	2184.00	2208.00	2208.00	2160.00	2184.00
<b>Train 8</b>								
Planned unavailable hours	3.86	1.29	1.18	1.39	1.05	2.33	5.73	1.28
Unplanned unavailable hours	0	0	89.95	0	0	0	0	0
Fault exposure hours	0	0	378.67	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2184.00	2208.00	2208.00	2160.00	2184.00
<b>Indicator value</b>								
	0.8%	0.9%	1.1%	1.1%	1.1%	1.1%	1.1%	0.9%

Licensee Comments: none

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



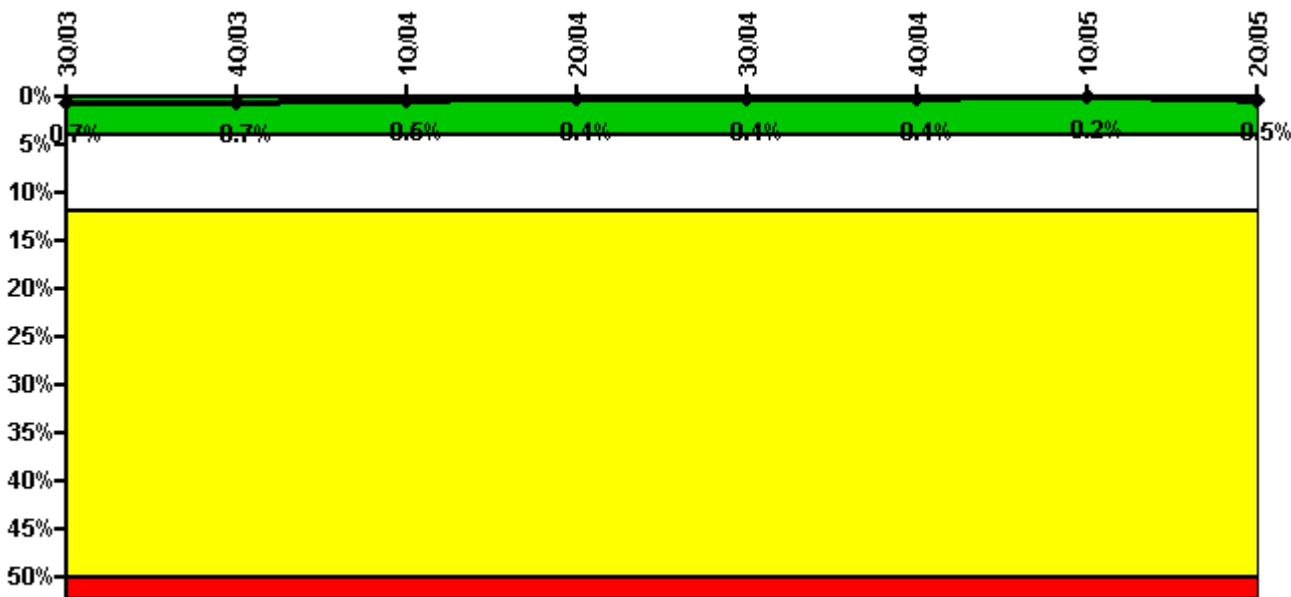
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

**Notes**

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
<b>Train 1</b>								
Planned unavailable hours	11.23	0	0	18.33	7.40	0	0	14.28
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	2189.10	2209.00	1488.70	2184.00	2208.00	2208.00	2079.02	2184.00
<b>Indicator value</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.3%</b>	<b>0.3%</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)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
<b>Train 1</b>								
Planned unavailable hours	0.28	14.38	0.25	0.08	7.27	0.35	0.27	62.68
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	2189.10	2209.00	1488.70	2184.00	2208.00	2208.00	2079.02	2184.00
<b>Indicator value</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.5%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.2%</b>	<b>0.5%</b>

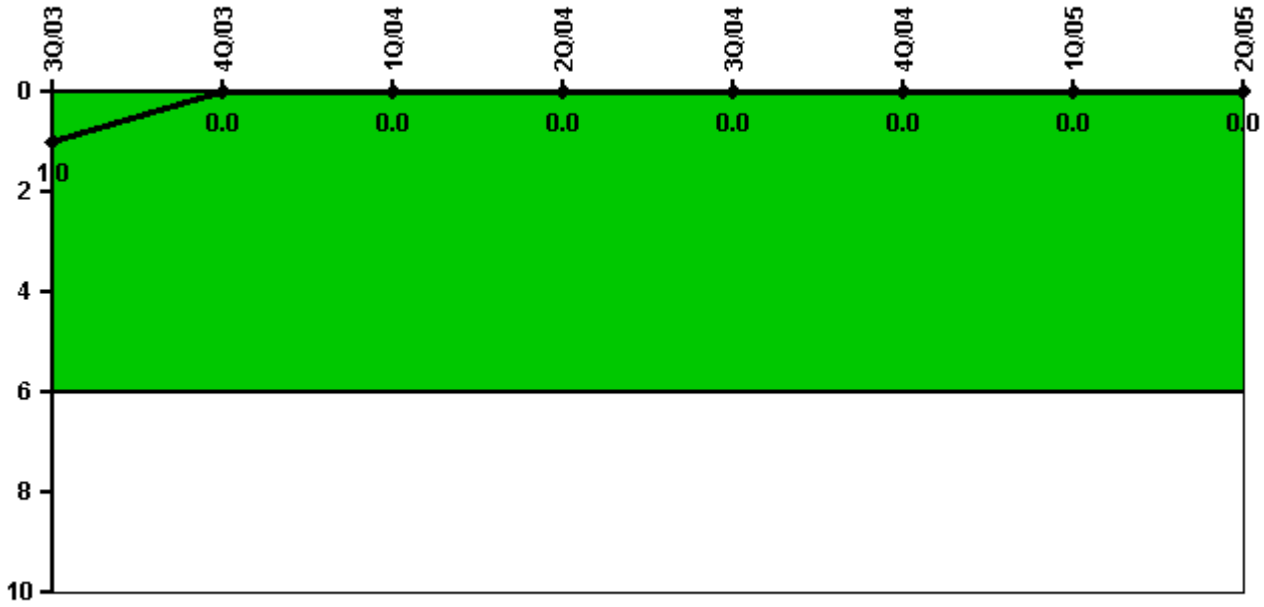
Licensee Comments: none



Required hours	2208.00	2209.00	1714.70	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.4%	0.6%	0.7%	0.7%	0.9%	0.9%	0.8%	0.9%

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

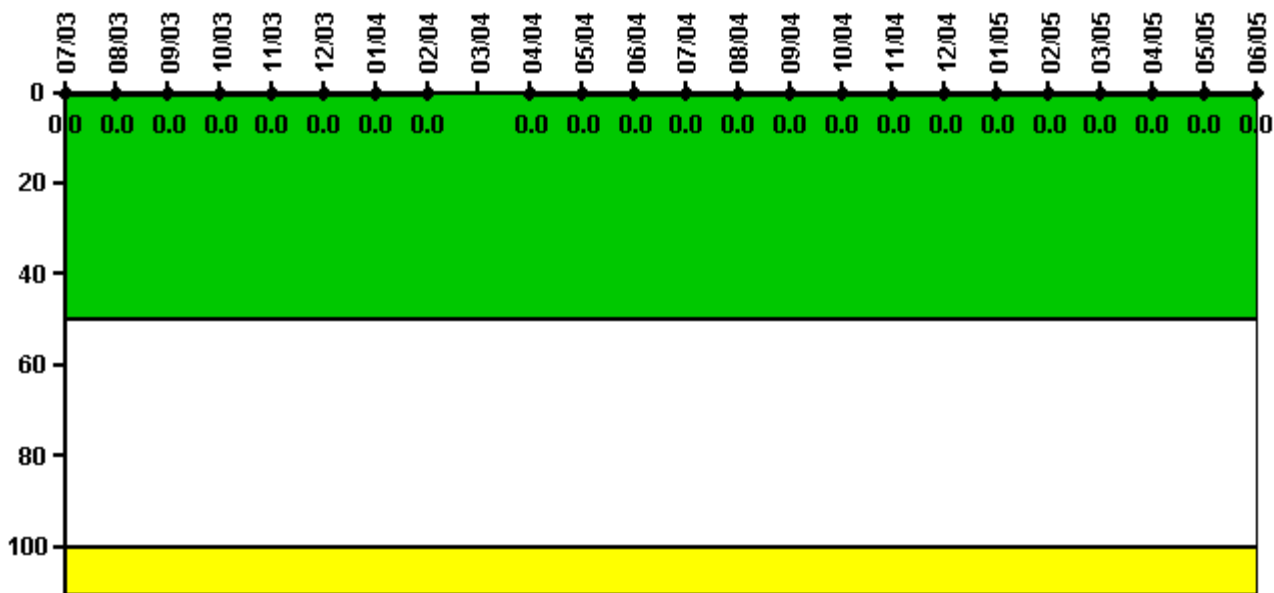
### Notes

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

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

**Notes**

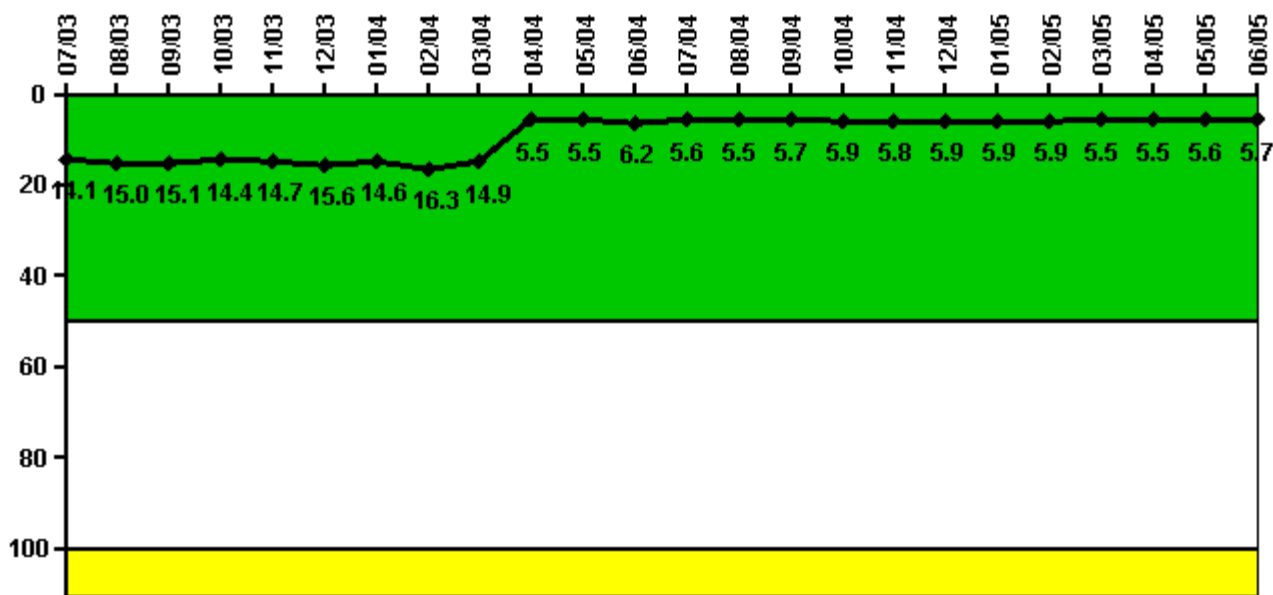
Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.000135	0.000140	0.000107	0.000069	0.000121	0.000102	0.000100	0.000286	N/A	0.000090	0.000086	0.000077
Technical specification limit	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Indicator value	0	0	0	0	0	0	0	0	N/A	0	0	0

Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.000077	0.000073	0.000080	0.000068	0.000028	0.000028	0.000031	0.000030	0.000064	0.000028	0.000034	0.000038
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

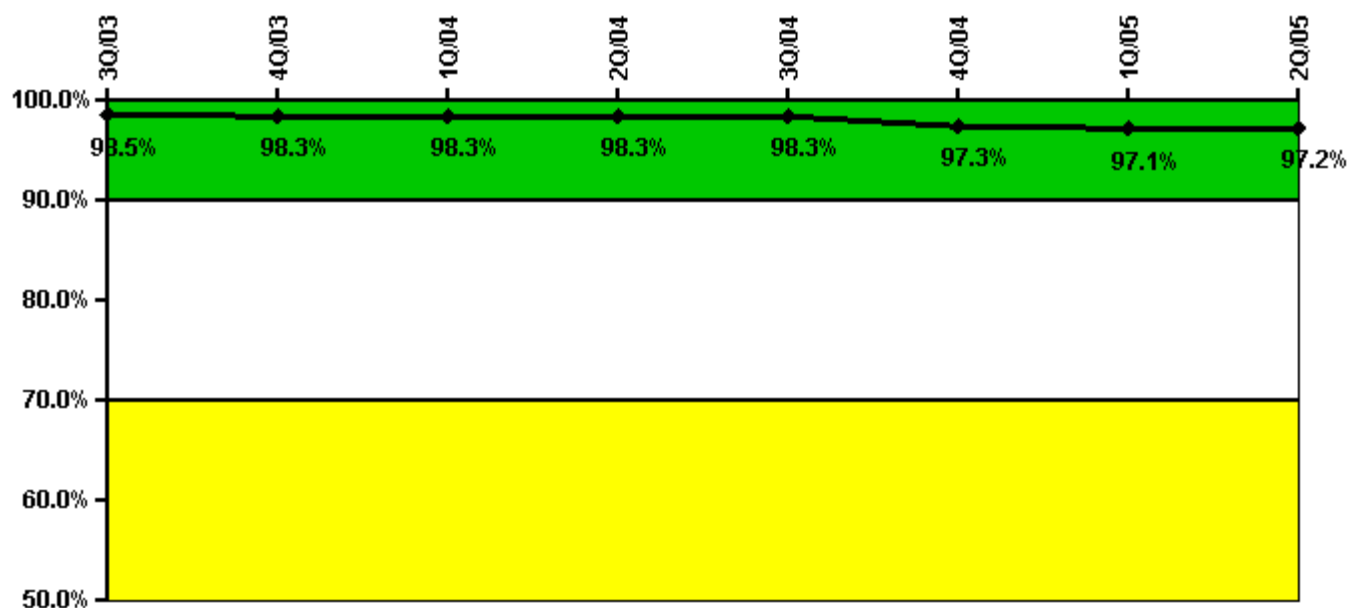
Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	4.240	4.510	4.540	4.310	4.410	4.670	4.370	4.880	4.480	1.640	1.640	1.850
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	14.1	15.0	15.1	14.4	14.7	15.6	14.6	16.3	14.9	5.5	5.5	6.2

Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	1.670	1.660	1.720	1.760	1.750	1.780	1.780	1.760	1.640	1.640	1.670	1.720
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	5.6	5.5	5.7	5.9	5.8	5.9	5.9	5.9	5.5	5.5	5.6	5.7

Licensee Comments: none

### Drill/Exercise Performance



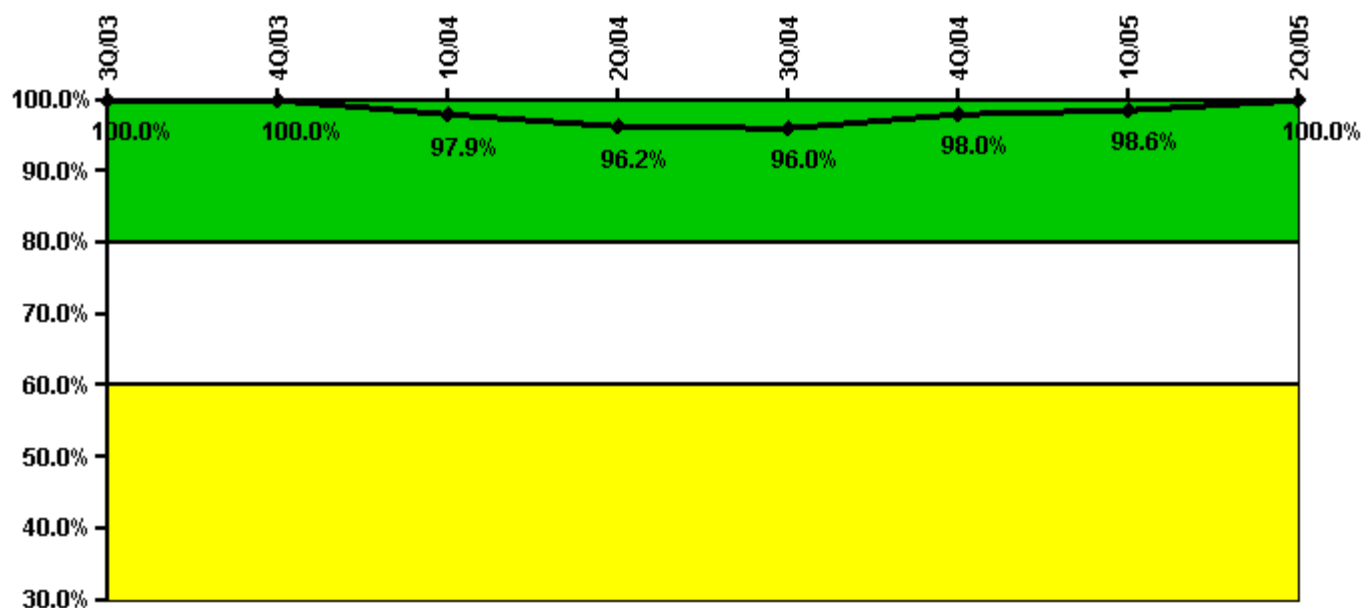
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	19.0	51.0	6.0	6.0	7.0	67.0	0	16.0
Total opportunities	20.0	52.0	6.0	6.0	7.0	70.0	0	16.0
Indicator value	98.5%	98.3%	98.3%	98.3%	98.3%	97.3%	97.1%	97.2%

Licensee Comments: none

### ERO Drill Participation



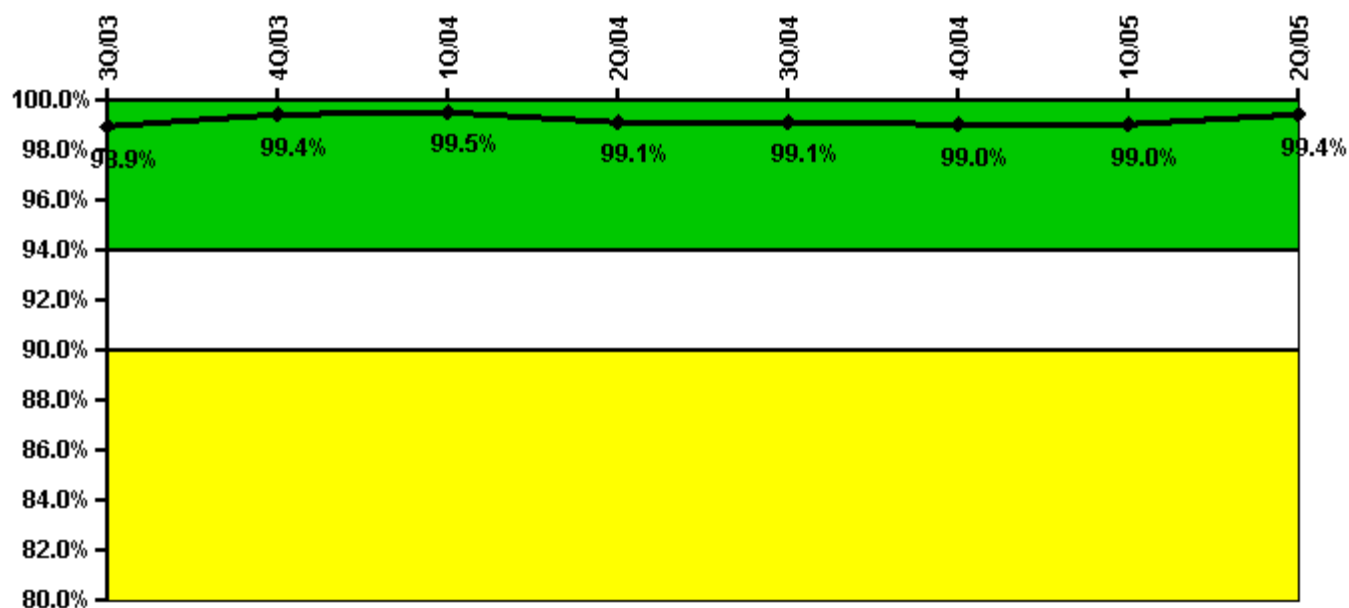
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

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

Licensee Comments: none

### Alert & Notification System



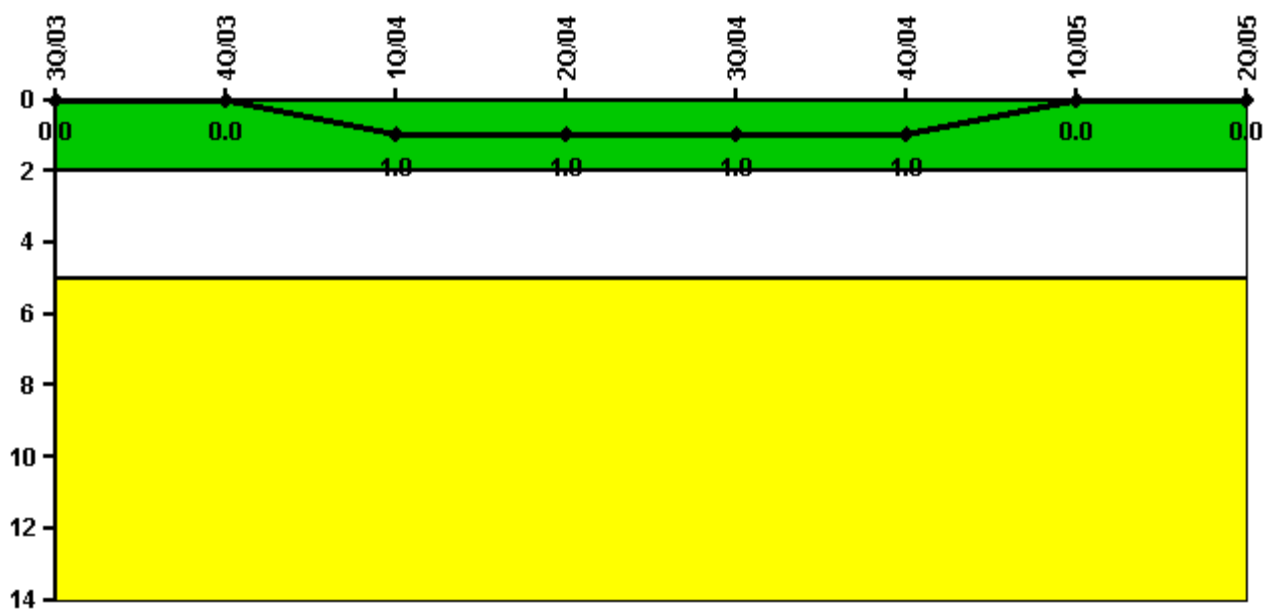
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	594	1098	596	883	694	994	794	896
Total sirens-tests	600	1100	600	900	700	1000	800	900
Indicator value	98.9%	99.4%	99.5%	99.1%	99.1%	99.0%	99.0%	99.4%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



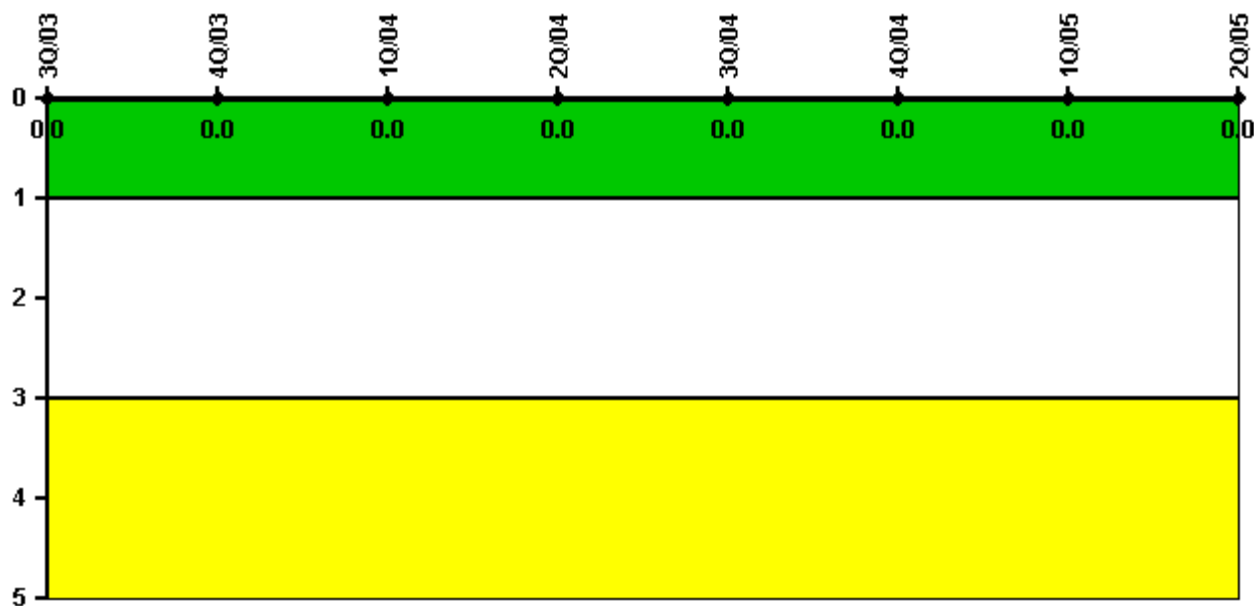
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

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