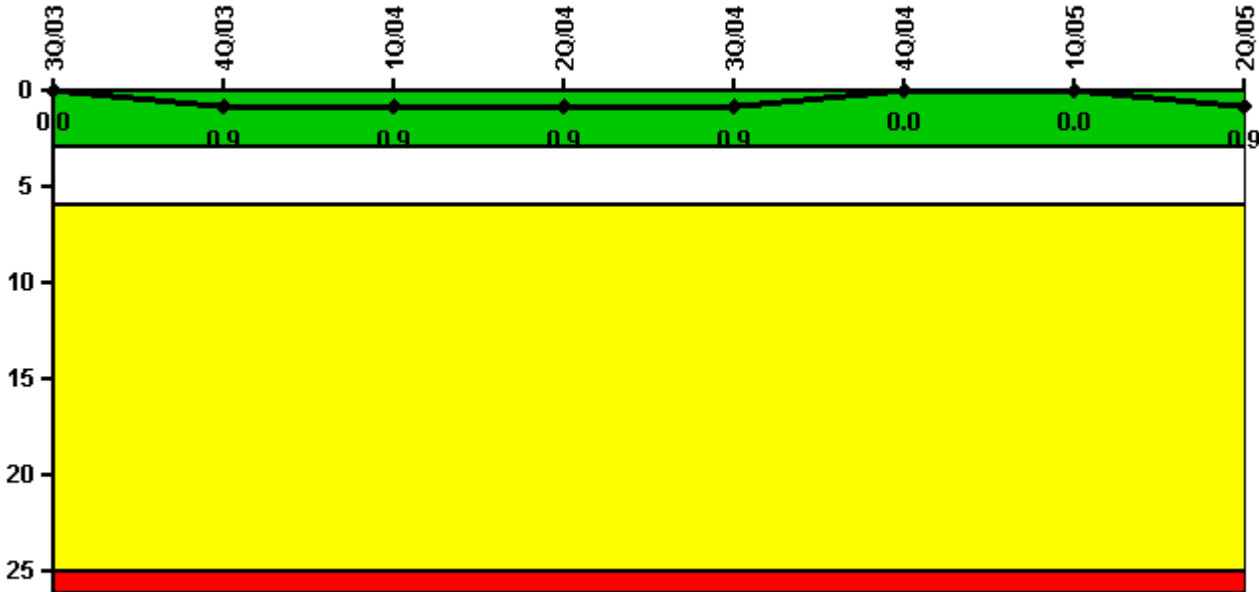


# Seabrook 1

## 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

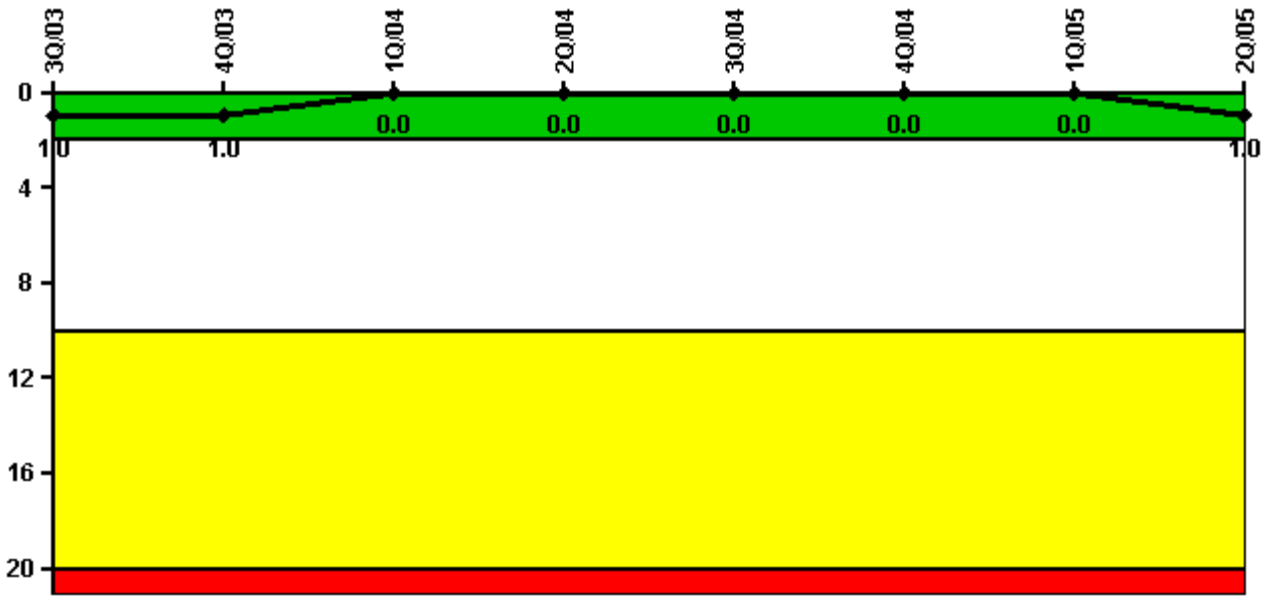
### Notes

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	1.0	0	0	0	0	0	1.0
Critical hours	2208.0	1644.2	2184.0	2183.0	2208.0	2209.0	2142.9	1454.0
Indicator value	0	0.9	0.9	0.9	0.9	0	0	0.9

Licensee Comments:

2Q/05: FAQ will be submitted for May 2005 scram.

### Scrams with Loss of Normal Heat Removal



Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

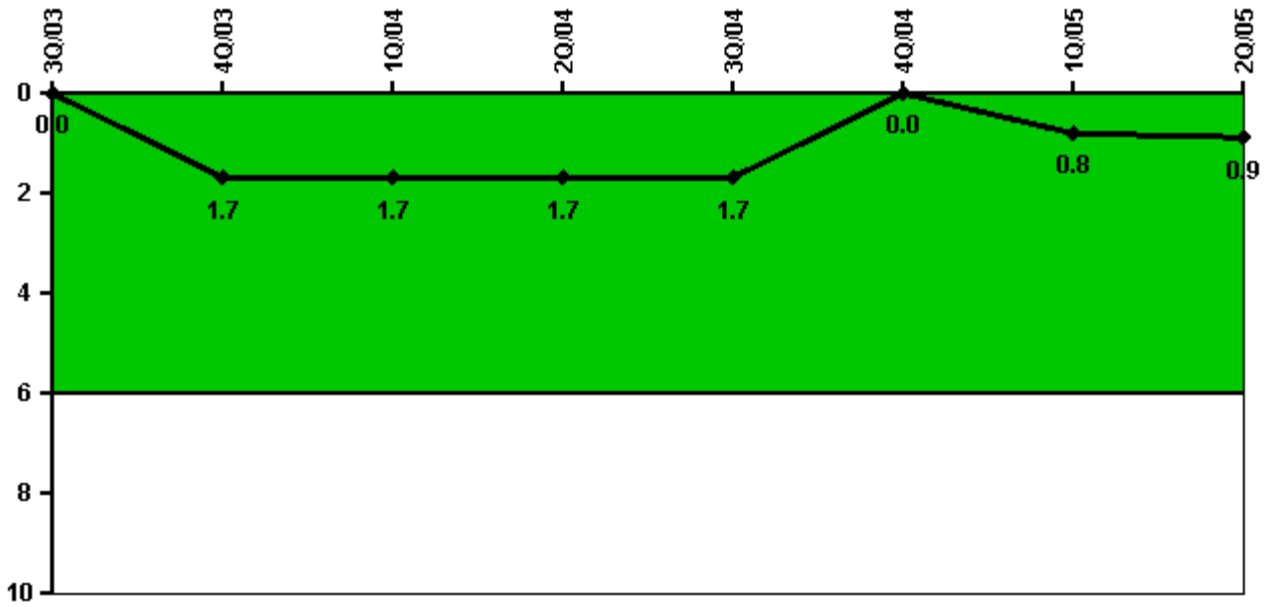
#### Notes

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	1.0
Indicator value	1.0	1.0	0	0	0	0	0	1.0

Licensee Comments:

2Q/05: FAQ will be submitted for May 2005 scram with loss of normal heat removal.

### Unplanned Power Changes per 7000 Critical Hrs



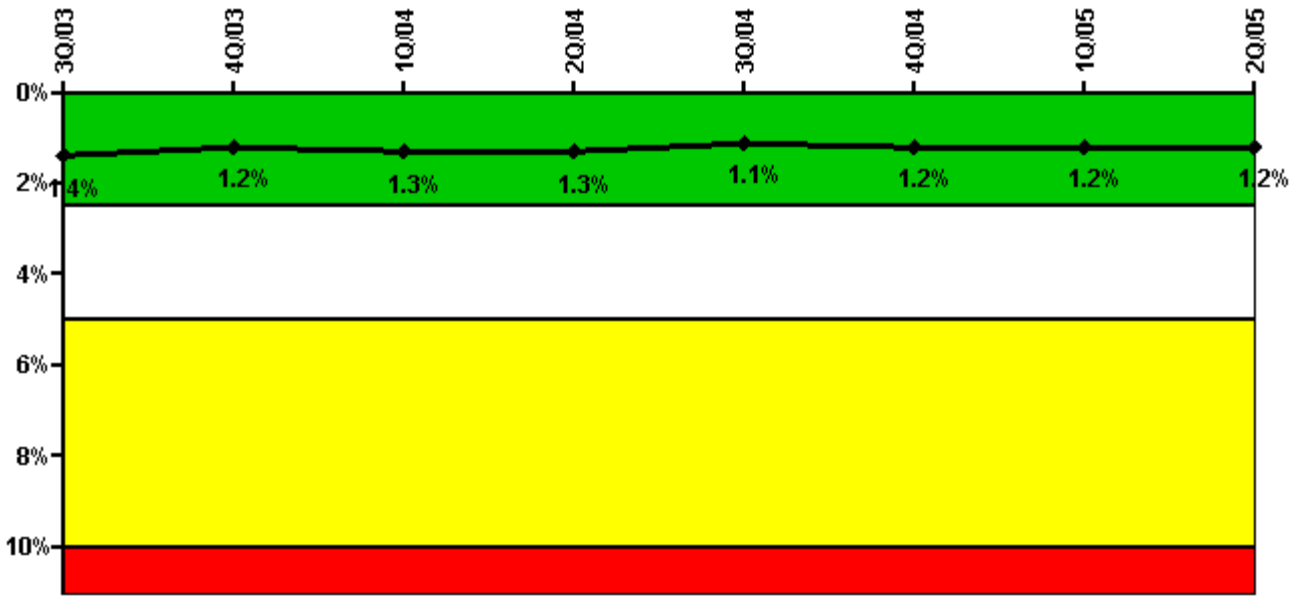
Thresholds: White > 6.0

#### 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	2.0	0	0	0	0	1.0	0
Critical hours	2208.0	1644.2	2184.0	2183.0	2208.0	2209.0	2142.9	1454.0
<b>Indicator value</b>	<b>0</b>	<b>1.7</b>	<b>1.7</b>	<b>1.7</b>	<b>1.7</b>	<b>0</b>	<b>0.8</b>	<b>0.9</b>

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

**Notes**

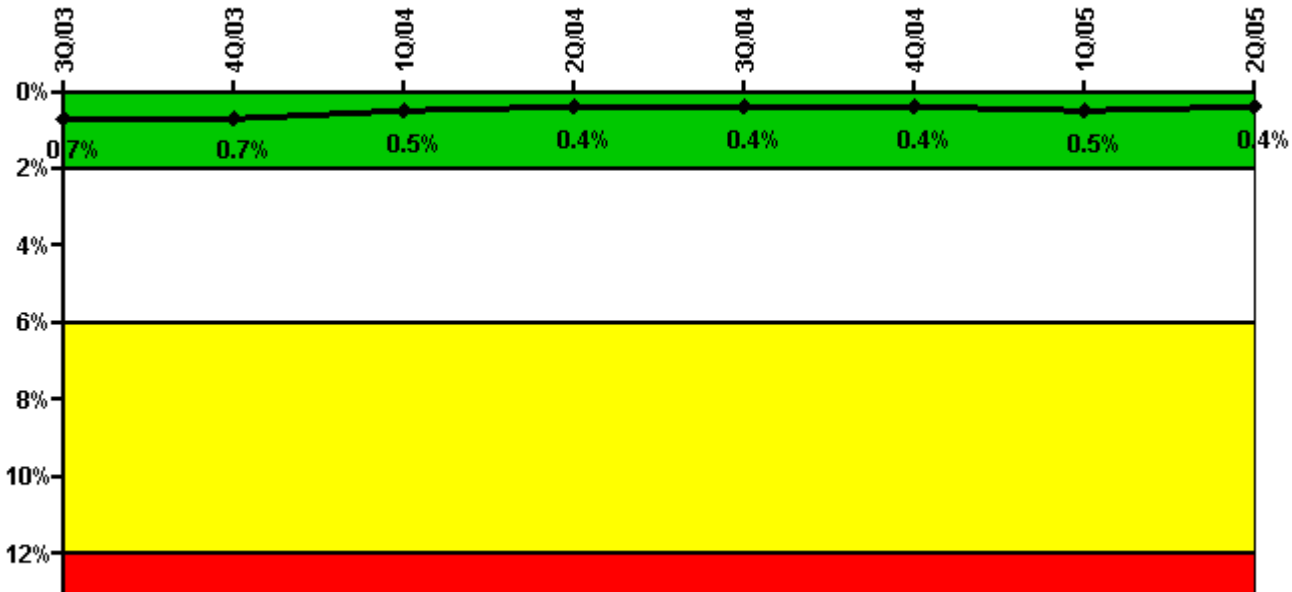
Safety System Unavailability, Emergency AC Power	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
<b>Train 1</b>								
Planned unavailable hours	4.50	3.43	6.48	31.42	1.63	3.37	35.09	0.63
Unplanned unavailable hours	0	13.55	17.03	18.28	0.63	0	16.55	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1966.00	2184.00	2183.00	2208.00	2209.00	2160.00	1853.00
<b>Train 2</b>								
Planned unavailable hours	25.30	1.98	29.32	10.19	5.47	37.18	6.24	2.68
Unplanned unavailable hours	7.87	0	0	4.98	0	0	0	64.92
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	1966.00	2184.00	2183.00	2208.00	2209.00	2160.00	1853.00
<b>Indicator value</b>	<b>1.4%</b>	<b>1.2%</b>	<b>1.3%</b>	<b>1.3%</b>	<b>1.1%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.2%</b>

Licensee Comments: none



Licensee Comments: none

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



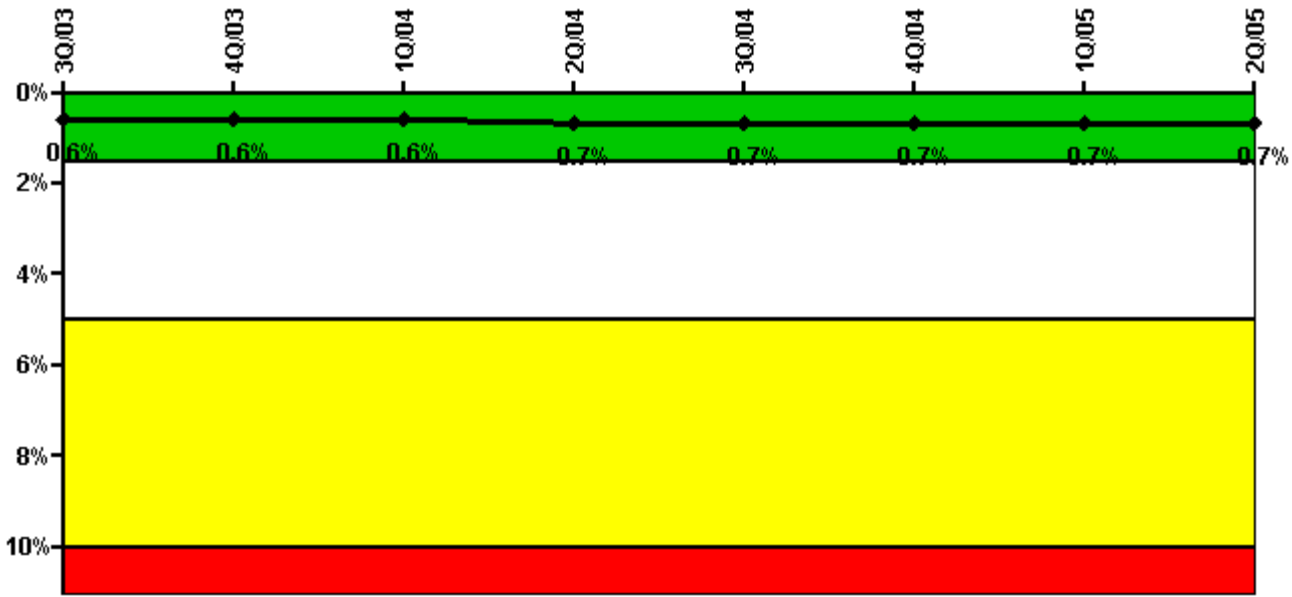
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

### Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
<b>Train 1</b>								
Planned unavailable hours	3.21	5.49	3.56	13.08	10.97	24.08	11.26	17.73
Unplanned unavailable hours	0	14.78	0	8.03	0	0	8.97	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	1694.50	2184.00	2183.00	2208.00	2209.00	2160.00	1521.00
<b>Train 2</b>								
Planned unavailable hours	1.62	4.10	2.22	1.60	4.27	16.98	2.37	1.32
Unplanned unavailable hours	0	11.61	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	1694.50	2184.00	2183.00	2208.00	2209.00	2160.00	1521.00
<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>0.5%</b>	<b>0.4%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



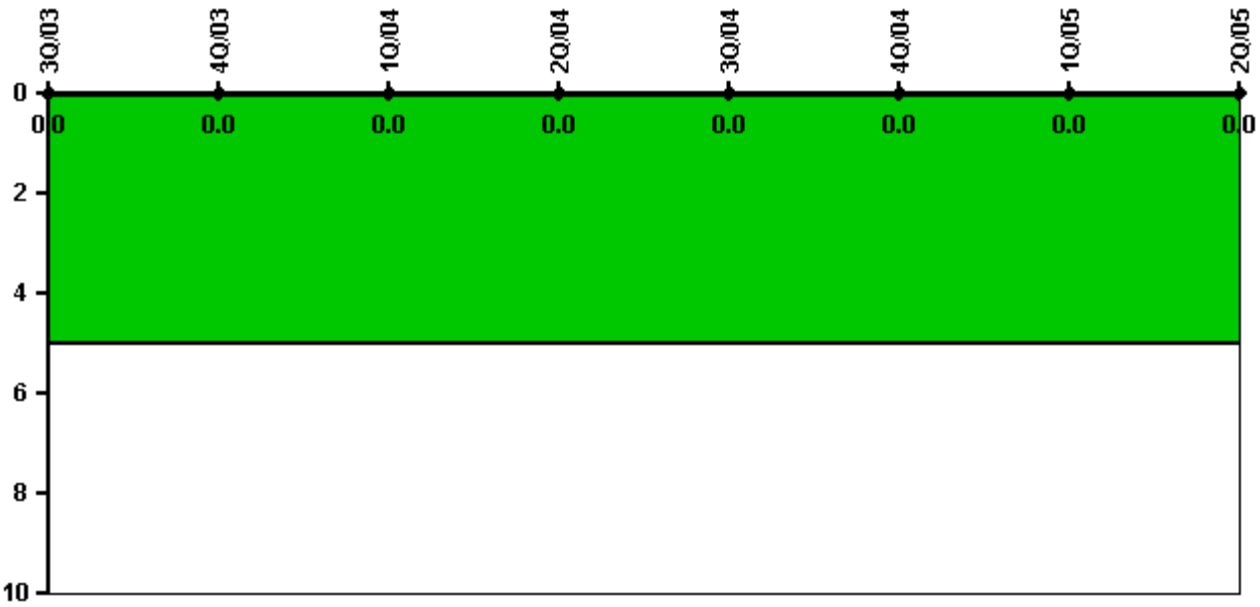
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
<b>Train 1</b>								
Planned unavailable hours	29.49	5.30	6.54	40.93	7.67	39.81	6.33	7.45
Unplanned unavailable hours	0	0	0	0	0	0	9.57	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	1983.60	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
<b>Train 2</b>								
Planned unavailable hours	24.69	1.28	25.50	20.39	4.52	4.94	9.21	5.82
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	1983.60	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
<b>Indicator value</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

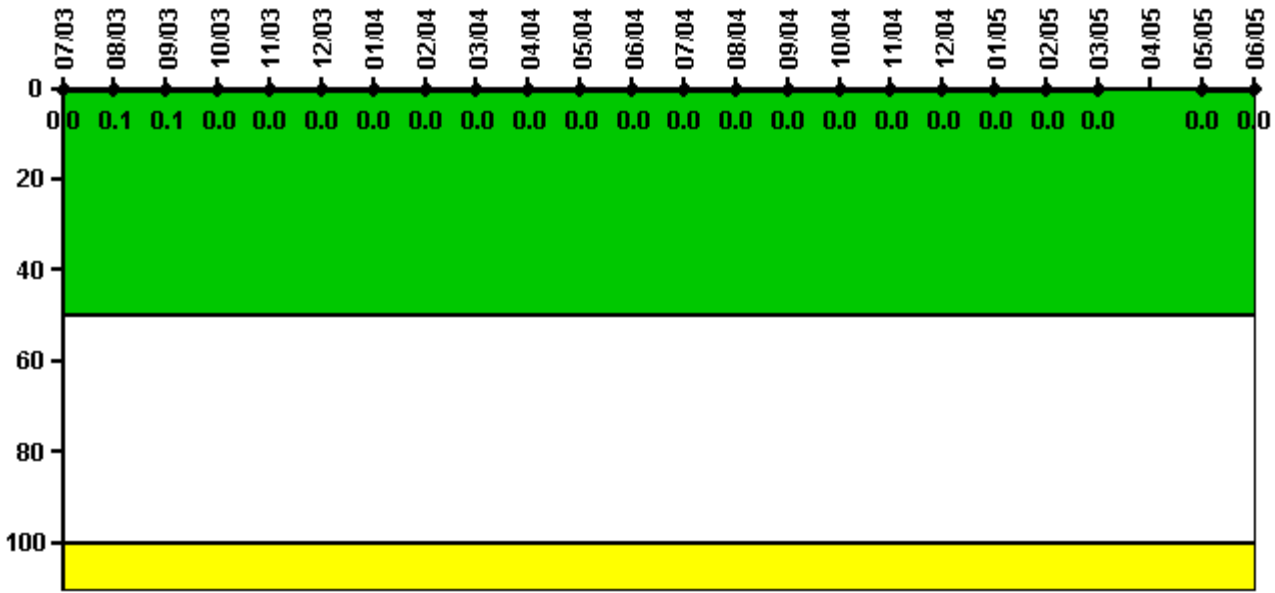
#### Notes

Safety System Functional Failures (PWR)	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	0	0	0	0	0	0	0	0

Licensee Comments: none



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

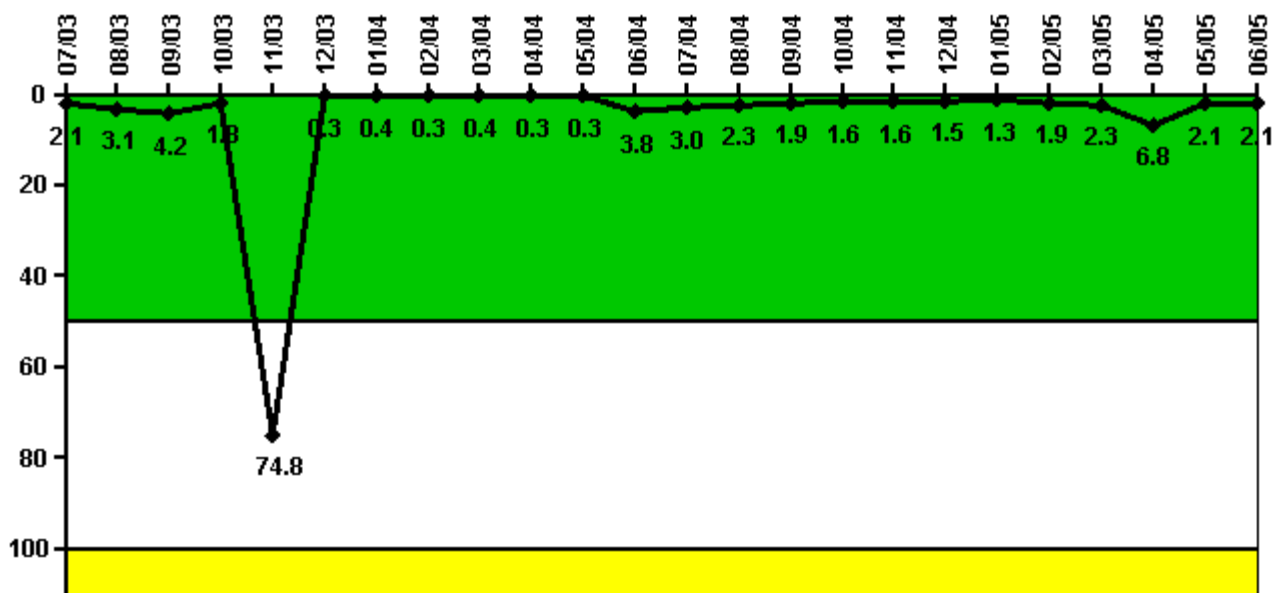
Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.000238	0.000596	0.000903	0	0.000103	0.000126	0.000140	0.000134	0.000155	0.000144	0.000156	0.000161
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0	0	0	0	0	0	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	0.000171	0.000164	0.000159	0.000176	0.000232	0.000188	0.000182	0.000186	0.000234	N/A	0.000062	0.000074
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	N/A	0	0

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

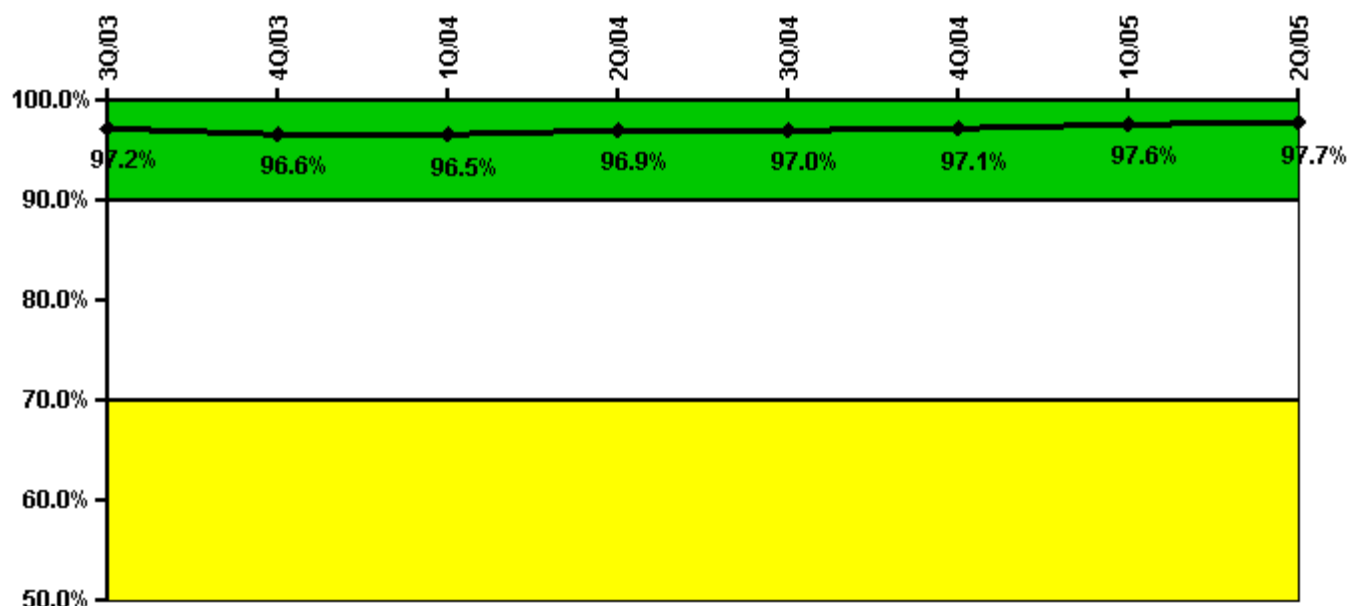
Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.210	0.310	0.420	0.180	7.478	0.030	0.040	0.030	0.040	0.030	0.030	0.380
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.1	3.1	4.2	1.8	74.8	0.3	0.4	0.3	0.4	0.3	0.3	3.8

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	0.300	0.230	0.190	0.161	0.157	0.150	0.130	0.190	0.226	0.680	0.210	0.205
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	3.0	2.3	1.9	1.6	1.6	1.5	1.3	1.9	2.3	6.8	2.1	2.1

Licensee Comments: none

### Drill/Exercise Performance



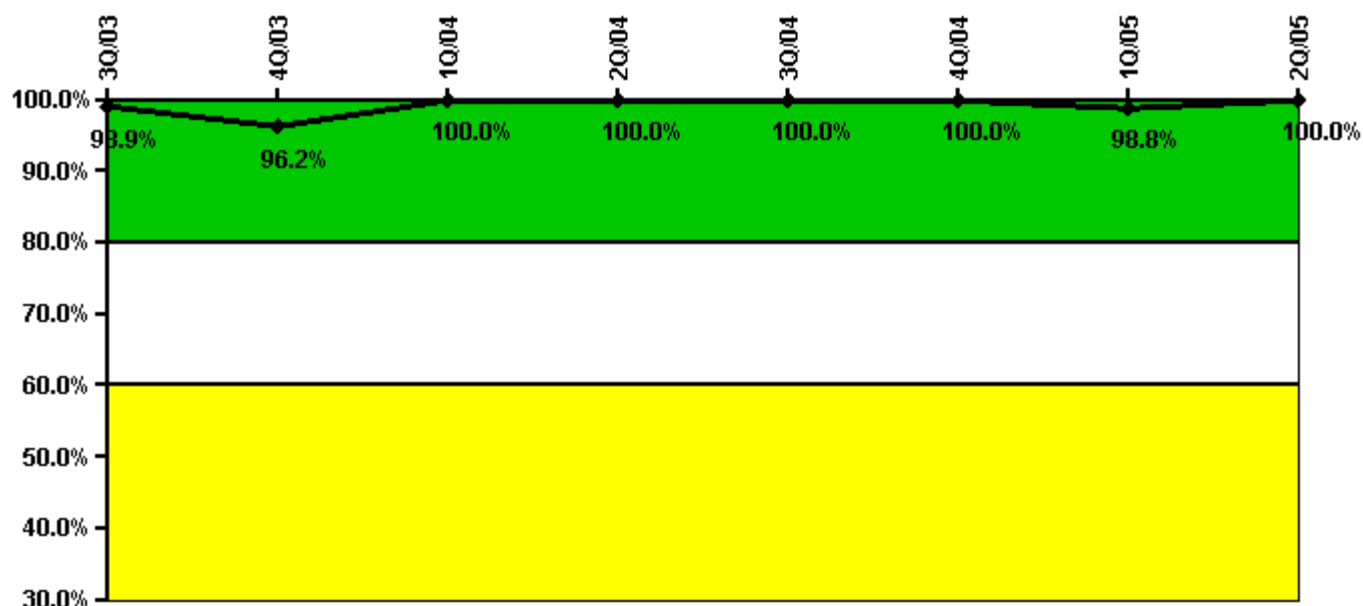
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	25.0	21.0	13.0	27.0	34.0	48.0	24.0	22.0
Total opportunities	27.0	23.0	13.0	27.0	34.0	49.0	24.0	22.0
Indicator value	97.2%	96.6%	96.5%	96.9%	97.0%	97.1%	97.6%	97.7%

Licensee Comments: none

### ERO Drill Participation



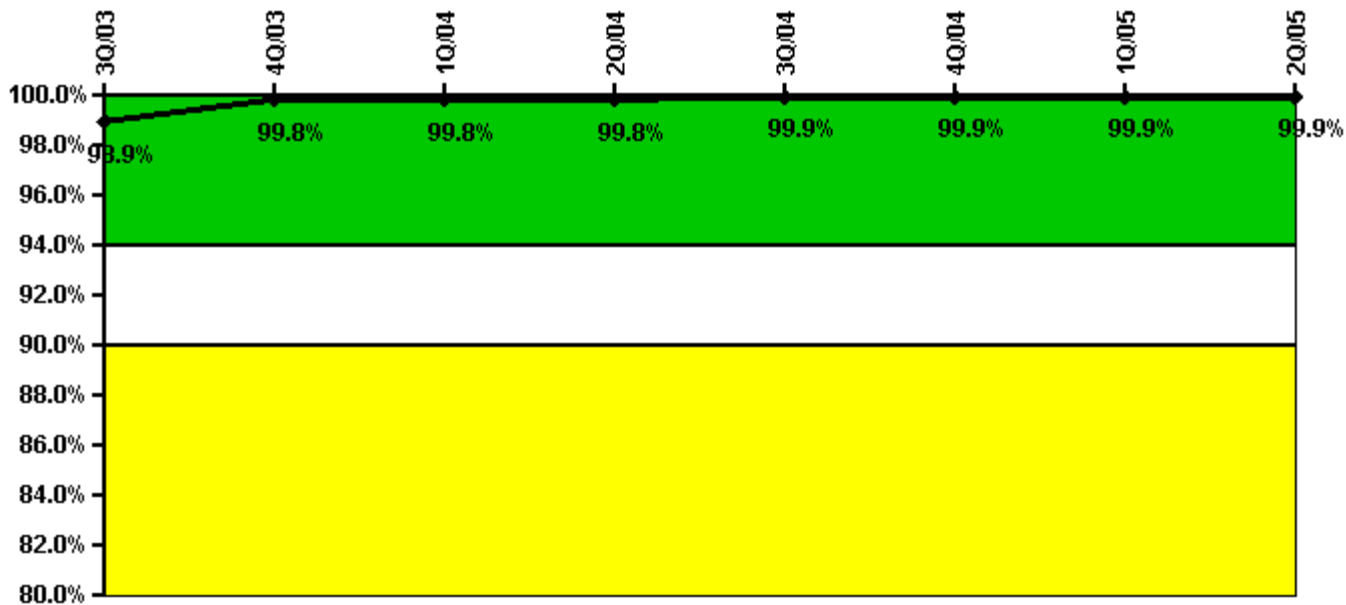
**Thresholds: White < 80.0% Yellow < 60.0%**

**Notes**

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	86.0	75.0	82.0	78.0	78.0	79.0	81.0	91.0
Total Key personnel	87.0	78.0	82.0	78.0	78.0	79.0	82.0	91.0
Indicator value	98.9%	96.2%	100.0%	100.0%	100.0%	100.0%	98.8%	100.0%

Licensee Comments: none

### Alert & Notification System



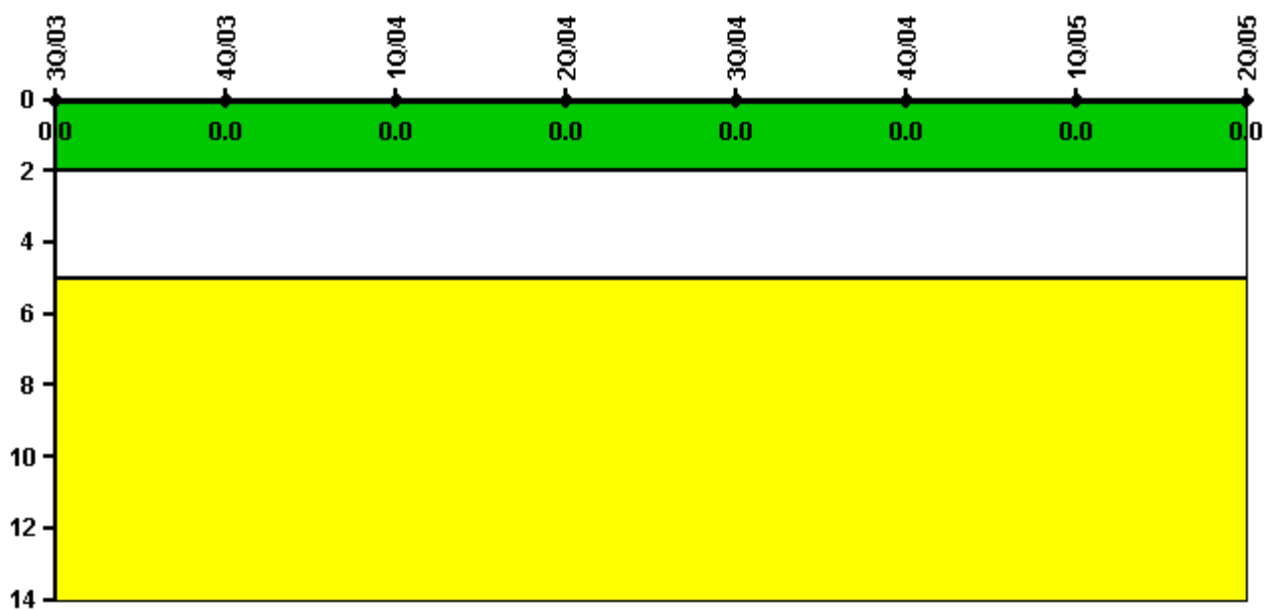
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	723	846	725	846	725	846	726	846
Total sirens-tests	726	847	726	847	726	847	726	847
Indicator value	98.9%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



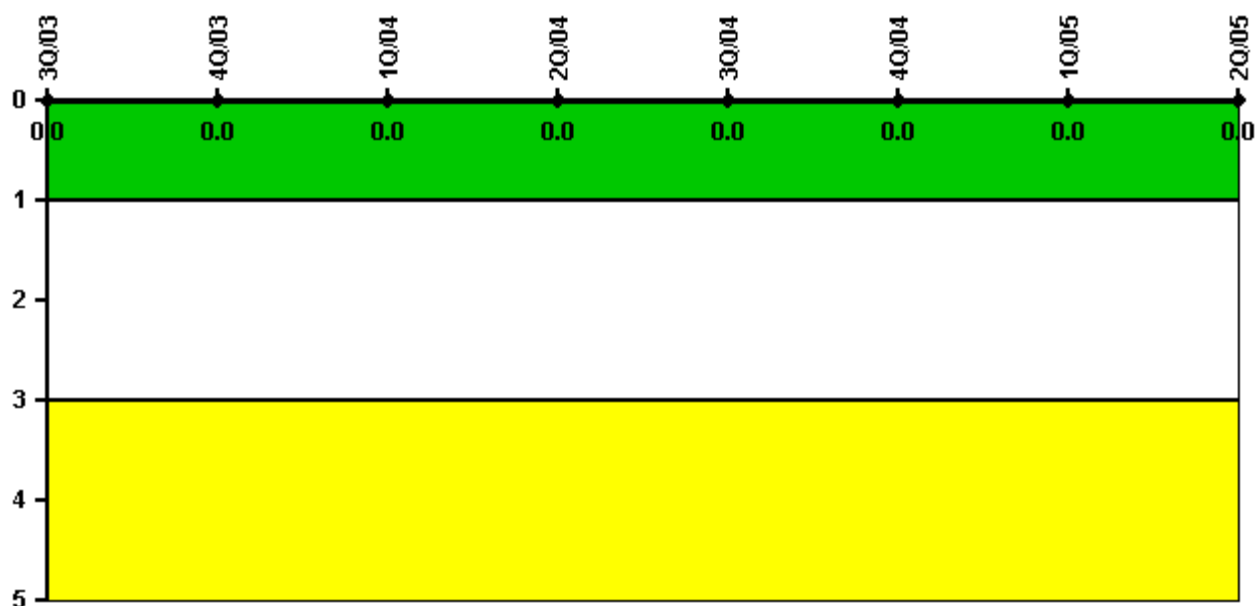
Thresholds: White > 2.0 Yellow > 5.0

#### 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	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	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.