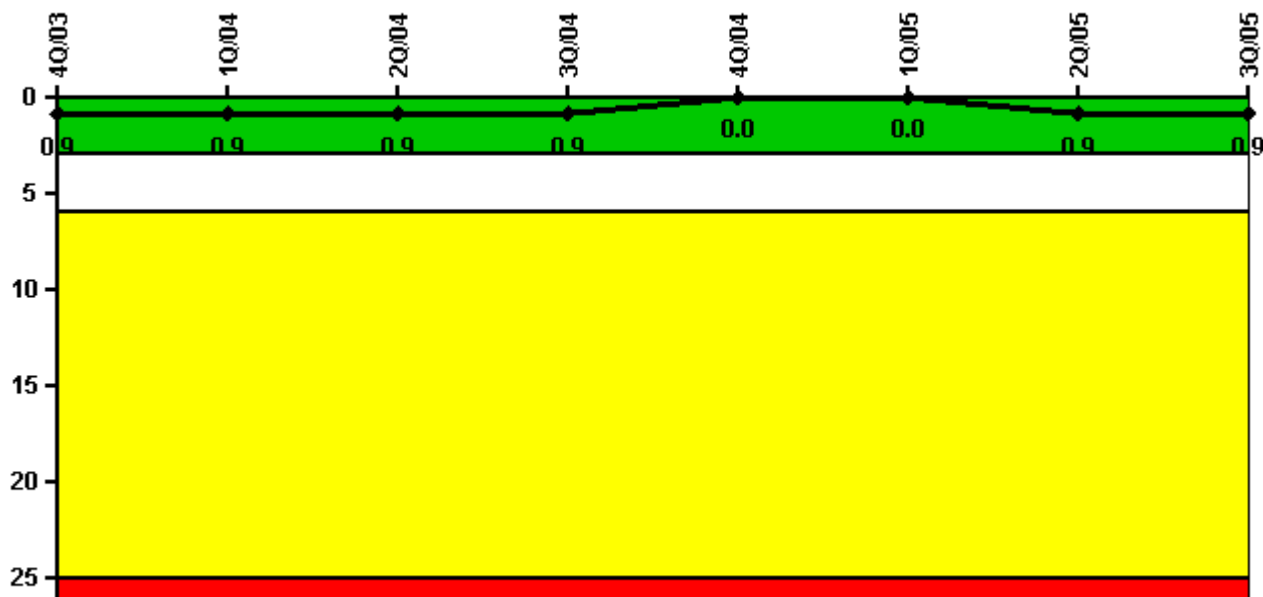


# Seabrook 1

## 3Q/2005 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



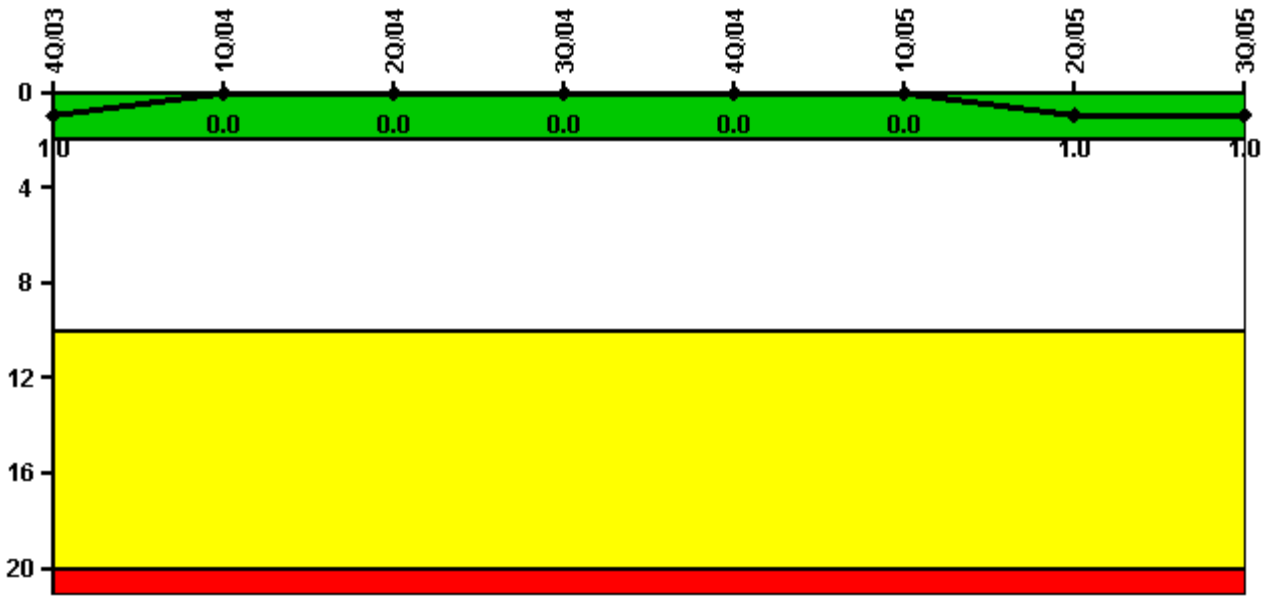
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned scrams	1.0	0	0	0	0	0	1.0	0
Critical hours	1644.2	2184.0	2183.0	2208.0	2209.0	2142.9	1454.0	2208.0
Indicator value	0.9	0.9	0.9	0.9	0	0	0.9	0.9

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



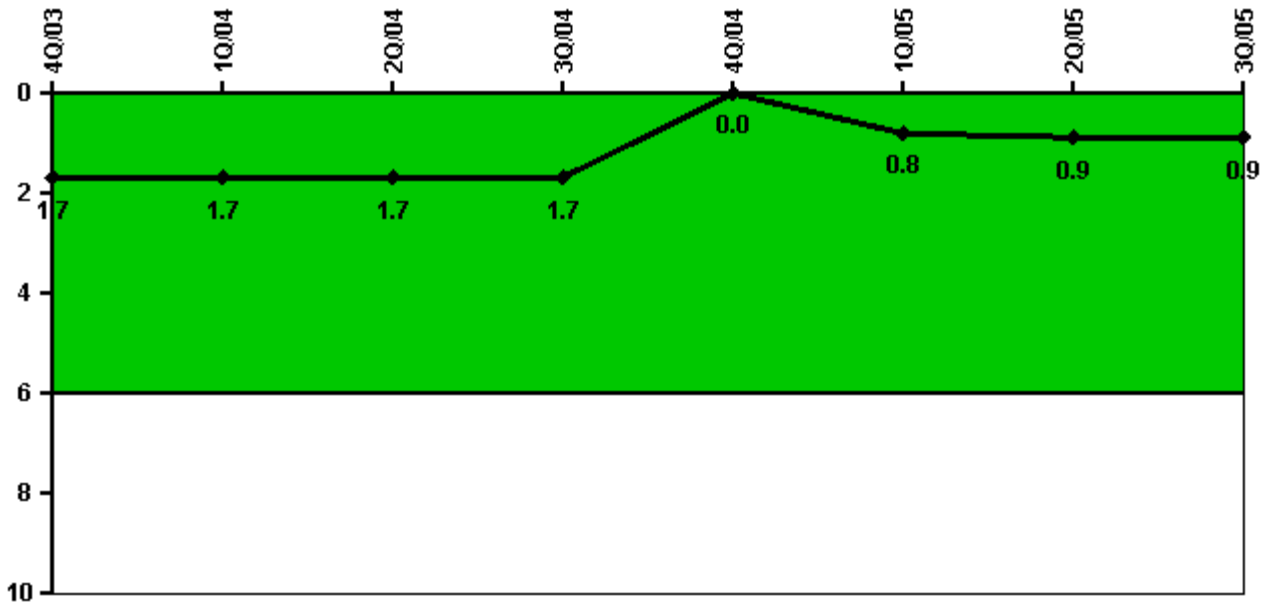
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Scrams	0	0	0	0	0	0	1.0	0
Indicator value	1.0	0	0	0	0	0	1.0	1.0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



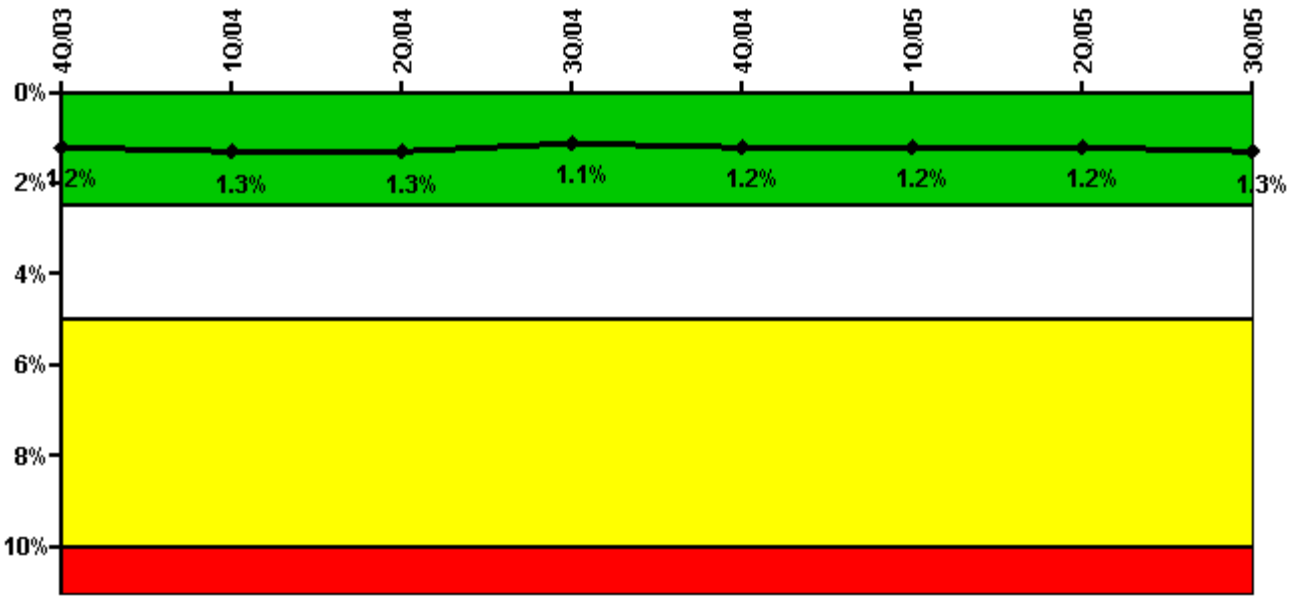
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	2.0	0	0	0	0	1.0	0	0
Critical hours	1644.2	2184.0	2183.0	2208.0	2209.0	2142.9	1454.0	2208.0
Indicator value	1.7	1.7	1.7	1.7	0	0.8	0.9	0.9

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



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

#### Notes

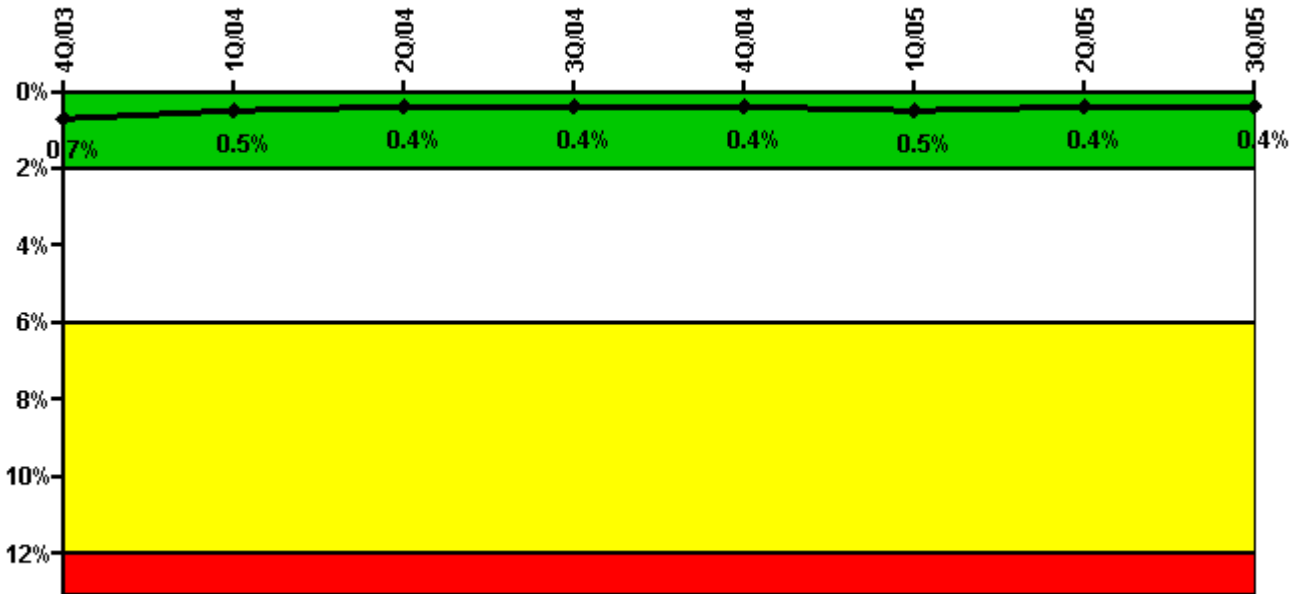
Safety System Unavailability, Emergency AC Power	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
<b>Train 1</b>								
Planned unavailable hours	3.43	6.48	31.42	1.63	3.37	35.09	0.63	115.85
Unplanned unavailable hours	13.55	17.03	18.28	0.63	0	16.55	0	5.68
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1966.00	2184.00	2183.00	2208.00	2209.00	2160.00	1853.00	2208.00
<b>Train 2</b>								
Planned unavailable hours	1.98	29.32	10.19	5.47	37.18	6.24	2.68	27.69
Unplanned unavailable hours	0	0	4.98	0	0	0	64.92	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	1966.00	2184.00	2183.00	2208.00	2209.00	2160.00	1853.00	2208.00
<b>Indicator value</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>	<b>1.3%</b>

Licensee Comments: none



Licensee Comments: none

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



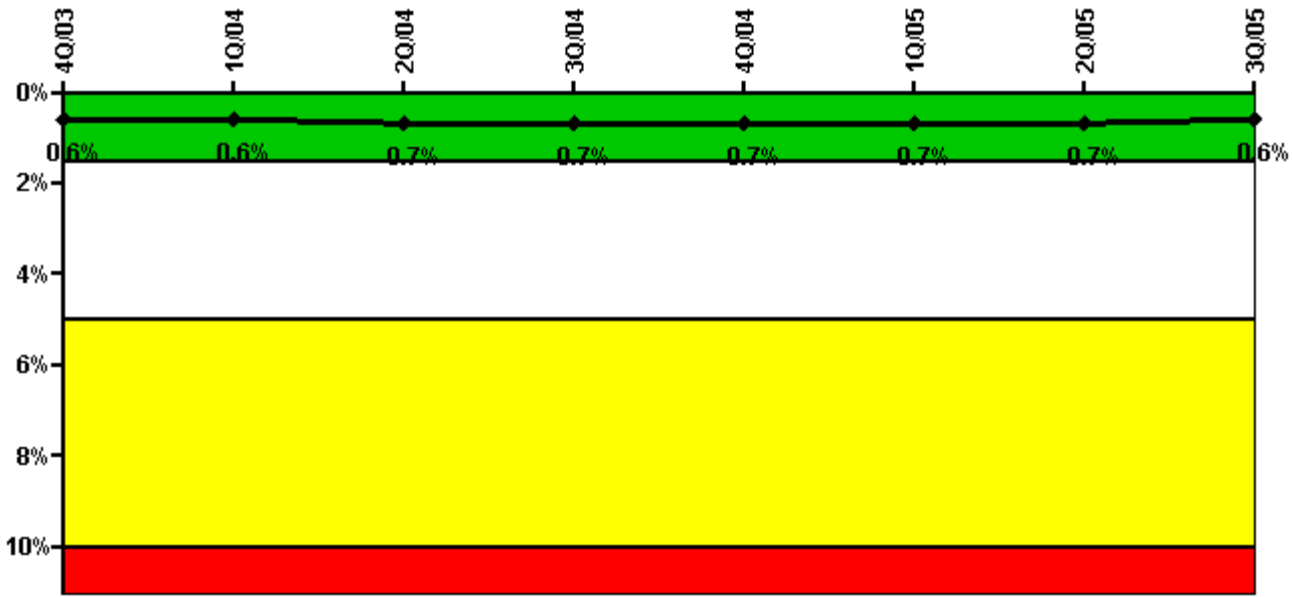
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

### Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
<b>Train 1</b>								
Planned unavailable hours	5.49	3.56	13.08	10.97	24.08	11.26	17.73	3.32
Unplanned unavailable hours	14.78	0	8.03	0	0	8.97	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	1694.50	2184.00	2183.00	2208.00	2209.00	2160.00	1521.00	2208.00
<b>Train 2</b>								
Planned unavailable hours	4.10	2.22	1.60	4.27	16.98	2.37	1.32	7.25
Unplanned unavailable hours	11.61	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	1694.50	2184.00	2183.00	2208.00	2209.00	2160.00	1521.00	2208.00
<b>Indicator value</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>	<b>0.4%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



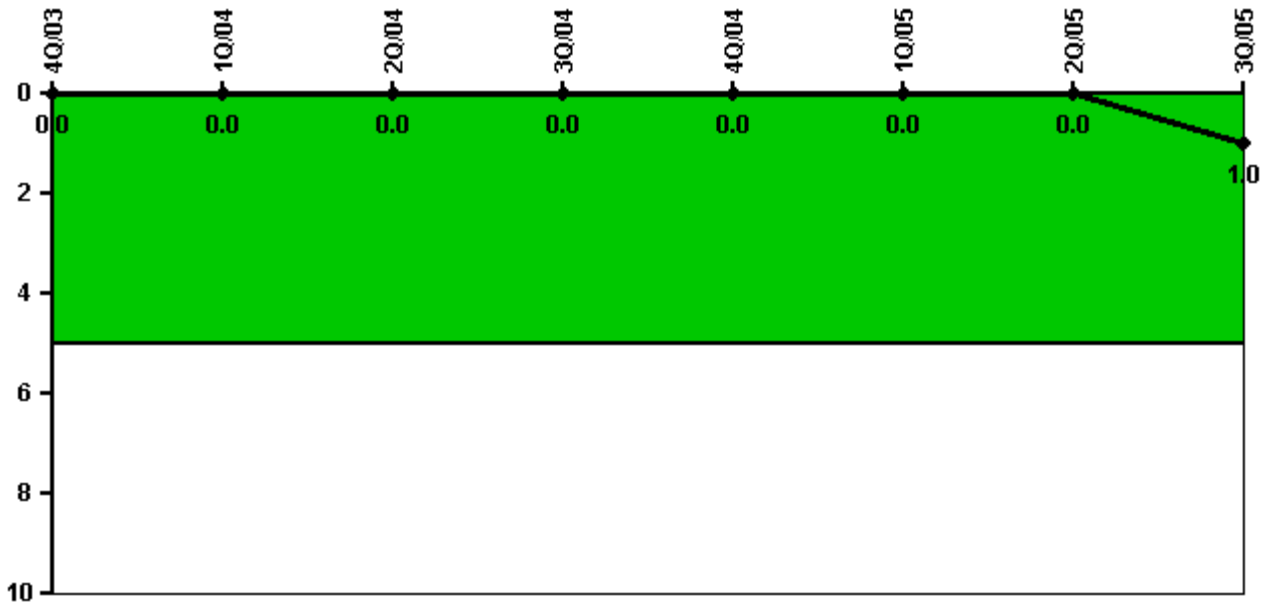
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

Safety System Unavailability, Residual Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
<b>Train 1</b>								
Planned unavailable hours	5.30	6.54	40.93	7.67	39.81	6.33	7.45	10.45
Unplanned unavailable hours	0	0	0	0	0	9.57	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	1983.60	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
<b>Train 2</b>								
Planned unavailable hours	1.28	25.50	20.39	4.52	4.94	9.21	5.82	13.87
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	1983.60	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
<b>Indicator value</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>	<b>0.6%</b>

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

#### Notes

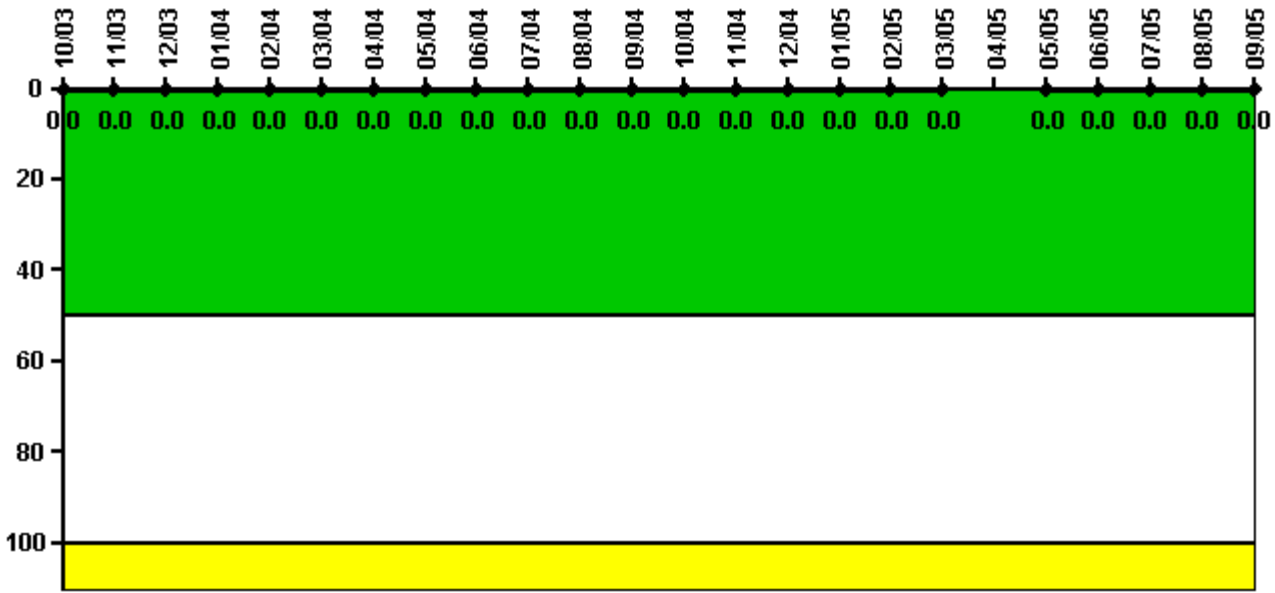
Safety System Functional Failures (PWR)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	0	0	0	0	0	0	0	1

Licensee Comments:

3Q/05: LER 2005-007 submitted August 31, 2005 for the 2005-08 SSFF



### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

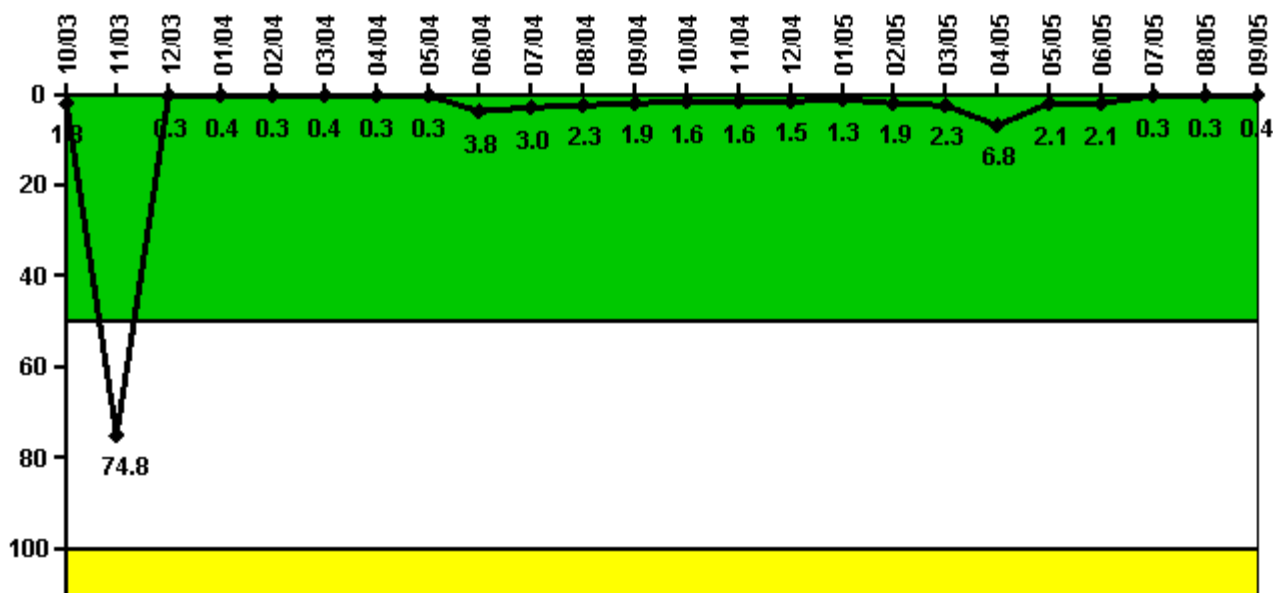
Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	0	0.000103	0.000126	0.000140	0.000134	0.000155	0.000144	0.000156	0.000161	0.000171	0.000164	0.000159
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.000176	0.000232	0.000188	0.000182	0.000186	0.000234	N/A	0.000062	0.000074	0.000085	0.000086	0.000082
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	N/A	0	0	0	0	0

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

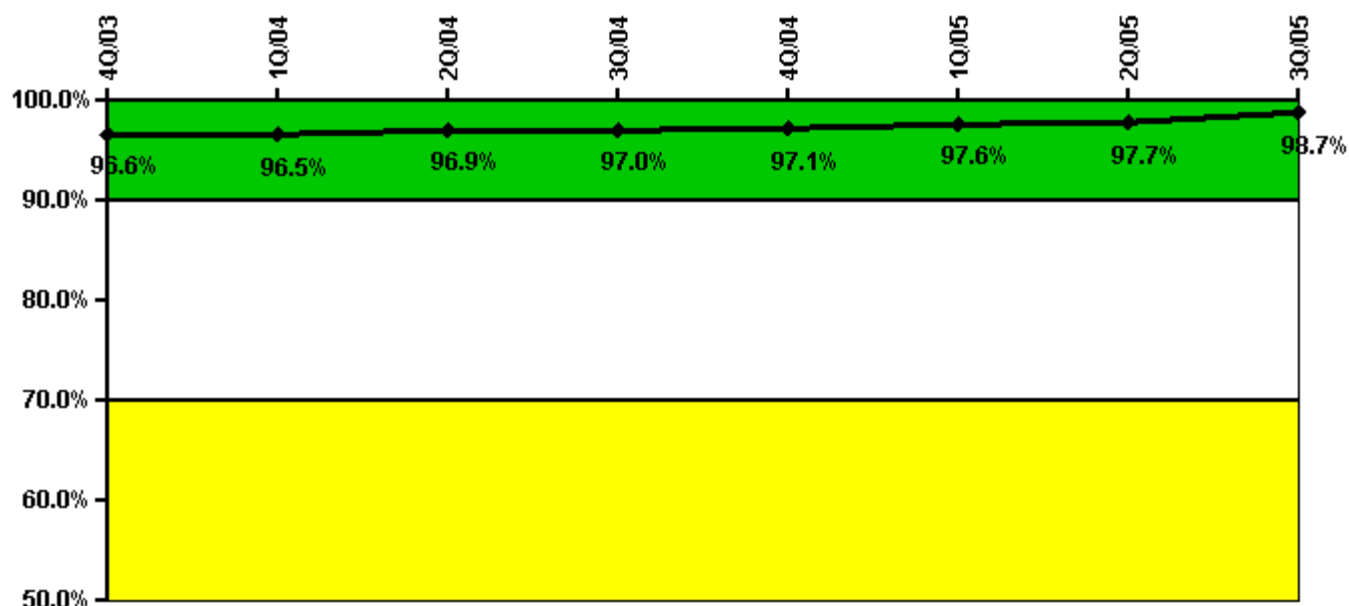
Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.180	7.478	0.030	0.040	0.030	0.040	0.030	0.030	0.380	0.300	0.230	0.190
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.8	74.8	0.3	0.4	0.3	0.4	0.3	0.3	3.8	3.0	2.3	1.9

Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.161	0.157	0.150	0.130	0.190	0.226	0.680	0.210	0.205	0.031	0.030	0.040
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	1.6	1.6	1.5	1.3	1.9	2.3	6.8	2.1	2.1	0.3	0.3	0.4

Licensee Comments: none

### Drill/Exercise Performance



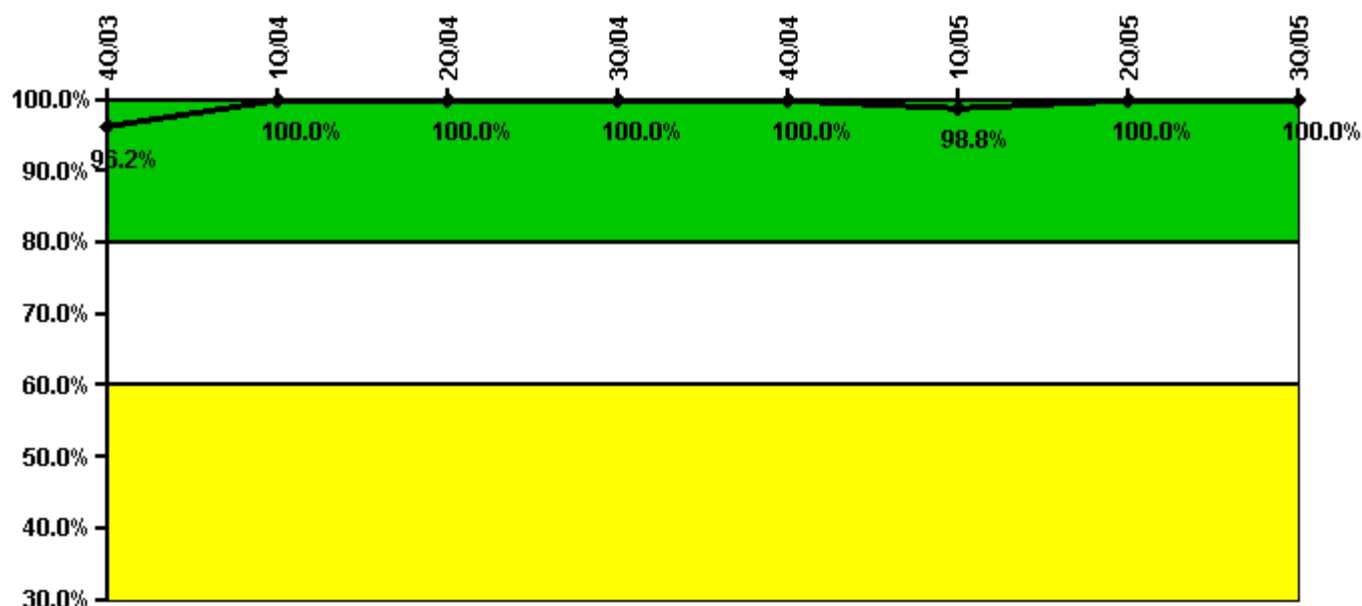
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	21.0	13.0	27.0	34.0	48.0	24.0	22.0	41.0
Total opportunities	23.0	13.0	27.0	34.0	49.0	24.0	22.0	41.0
Indicator value	96.6%	96.5%	96.9%	97.0%	97.1%	97.6%	97.7%	98.7%

Licensee Comments: none

### ERO Drill Participation



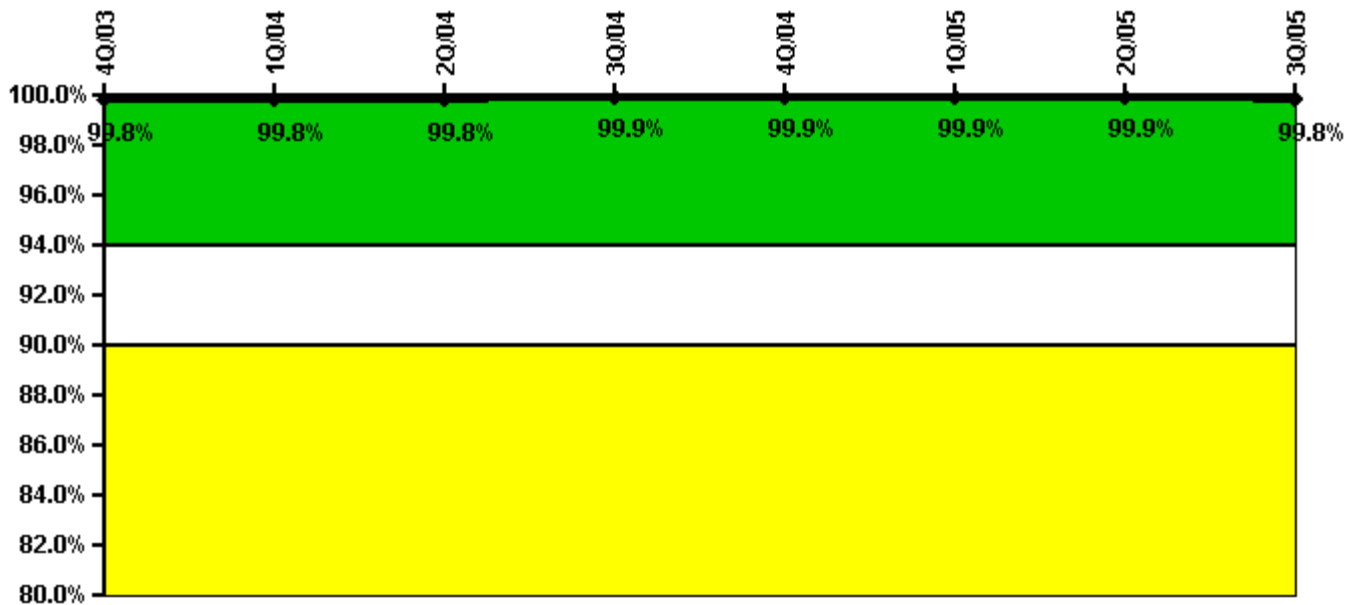
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	75.0	82.0	78.0	78.0	79.0	81.0	91.0	80.0
Total Key personnel	78.0	82.0	78.0	78.0	79.0	82.0	91.0	80.0
Indicator value	96.2%	100.0%	100.0%	100.0%	100.0%	98.8%	100.0%	100.0%

Licensee Comments: none

### Alert & Notification System



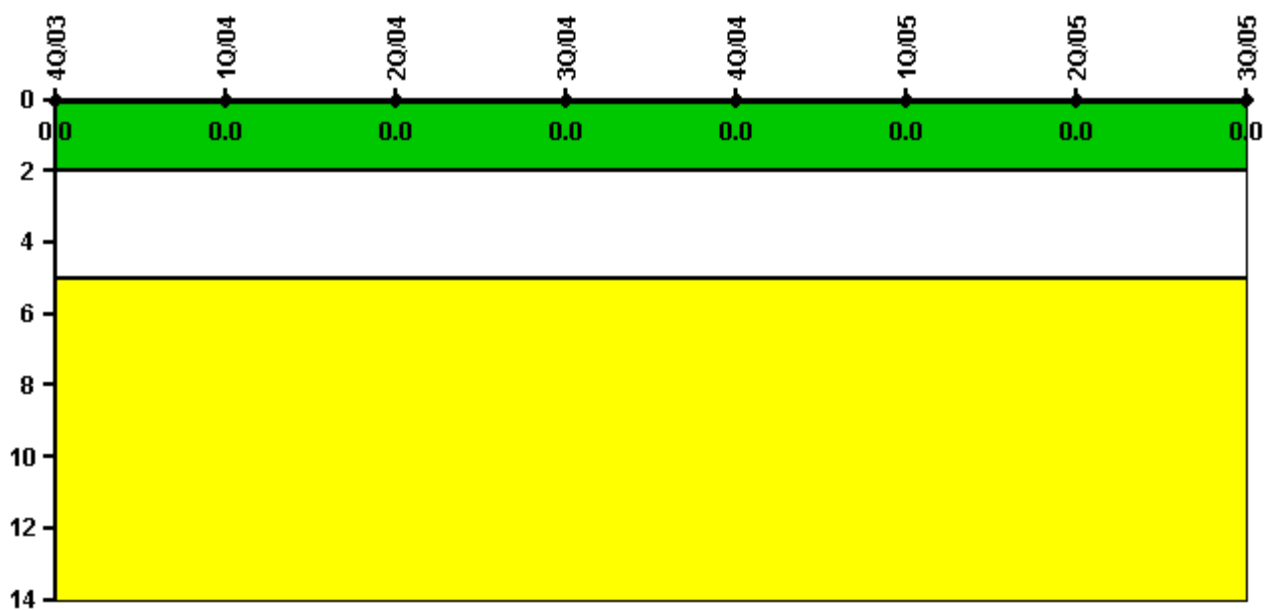
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	846	725	846	725	846	726	846	721
Total sirens-tests	847	726	847	726	847	726	847	726
Indicator value	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.8%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



**Thresholds: White > 2.0 Yellow > 5.0**

**Notes**

Occupational Exposure Control Effectiveness	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/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	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/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.