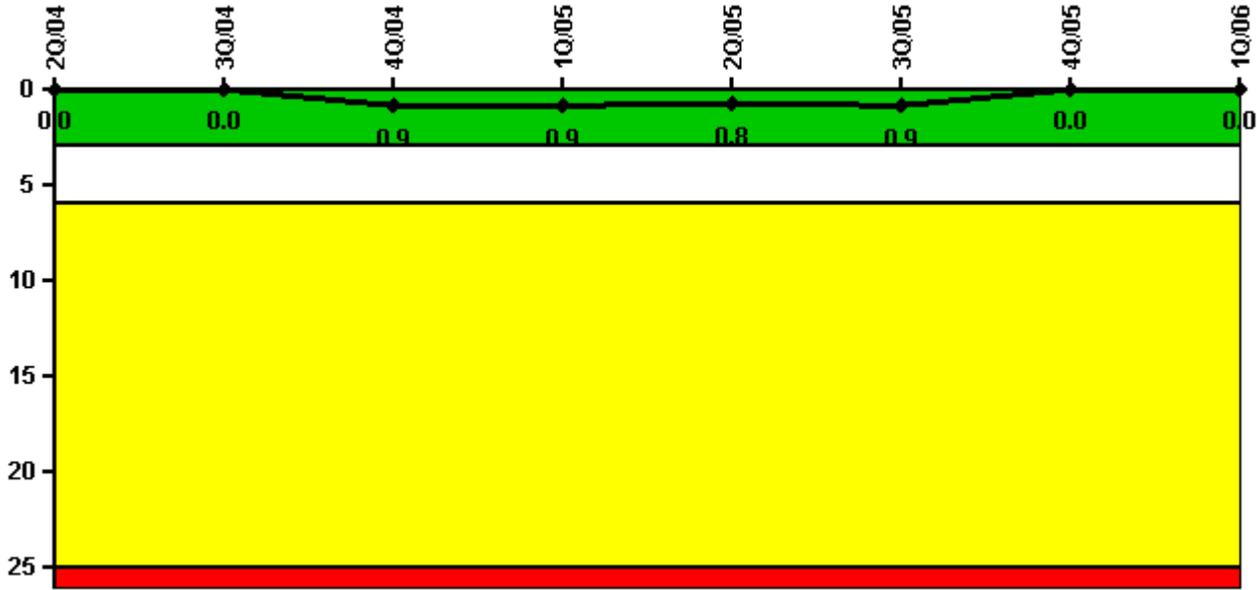


## Vogtle 2

### 1Q/2006 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



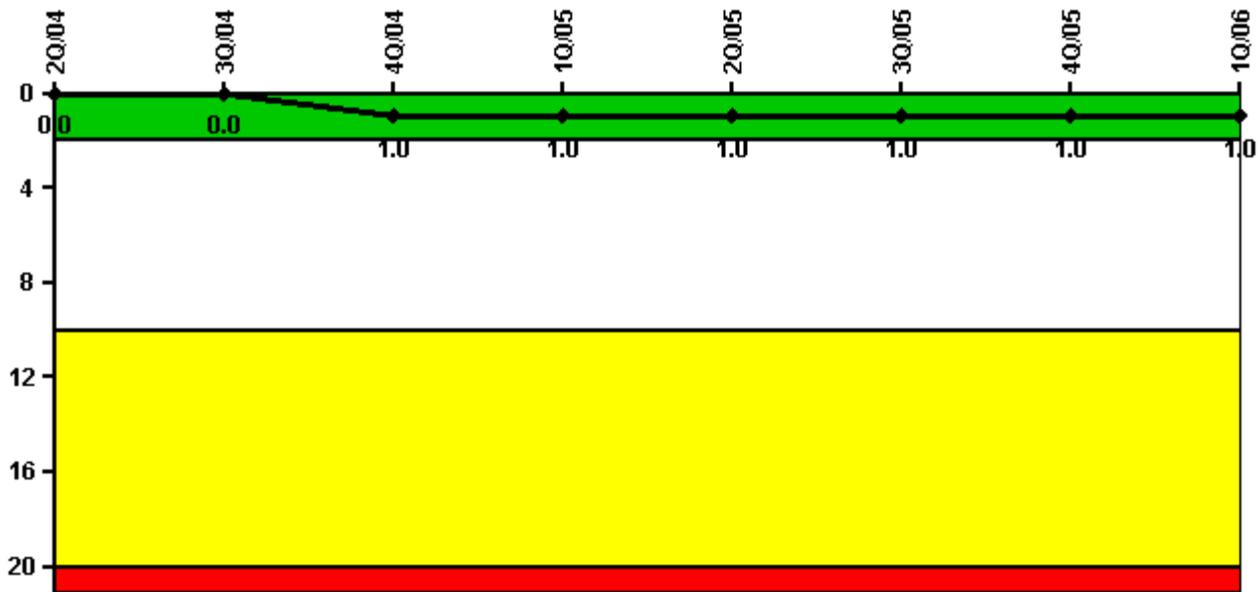
**Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0**

#### Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	1502.5	2195.1	2172.2	2160.0	1795.9	1900.5	1664.3	1619.3
Indicator value	0	0	0.9	0.9	0.8	0.9	0	0

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



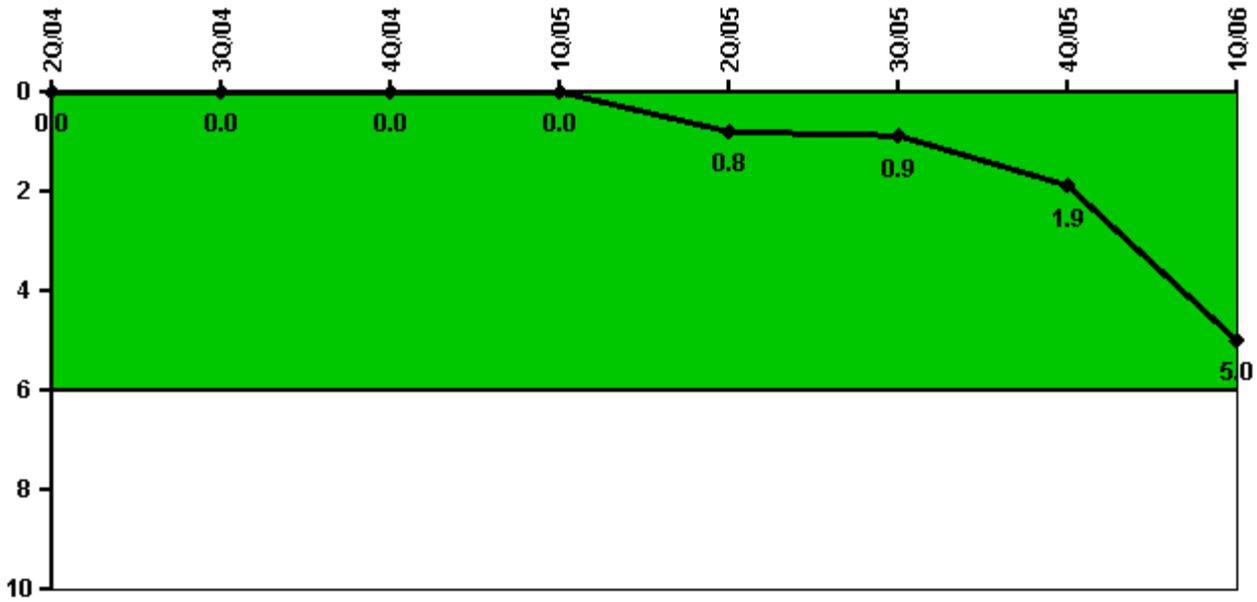
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Scrams	0	0	1.0	0	0	0	0	0
Indicator value	0	0	1.0	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

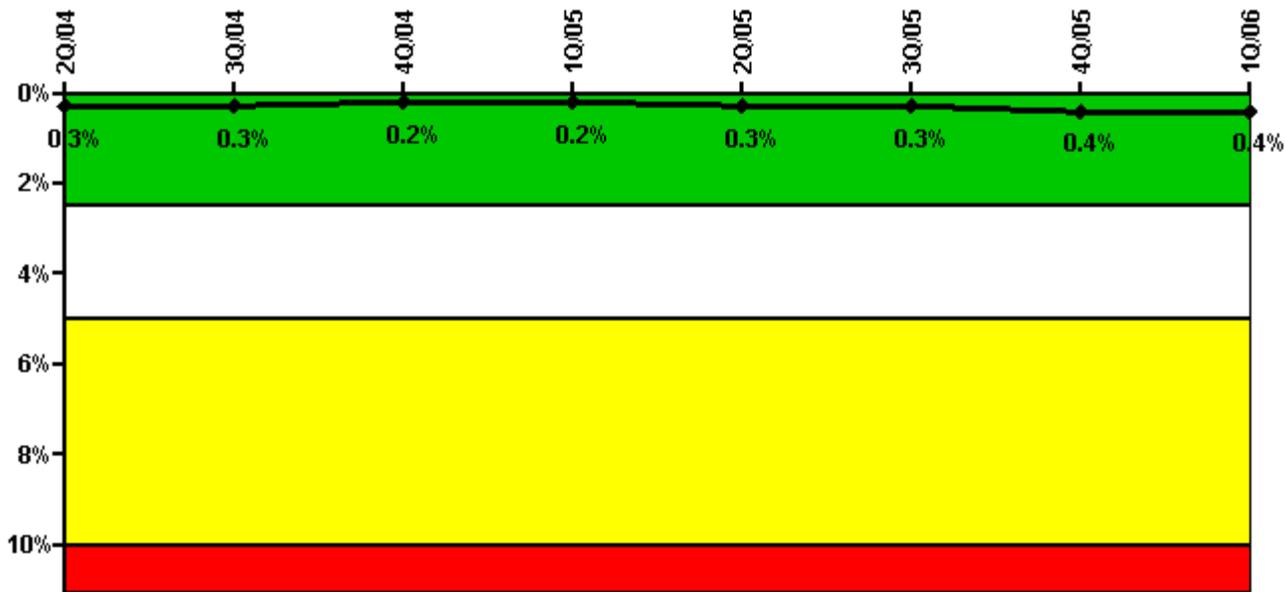
#### Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	0	0	0	1.0	0	1.0	3.0
Critical hours	1502.5	2195.1	2172.2	2160.0	1795.9	1900.5	1664.3	1619.3
Indicator value	0	0	0	0	0.8	0.9	1.9	5.0

Licensee Comments:

1Q/06: 1 U2 EHC and 2 RCS leak repairs (3 Unpl power changes)

## Safety System Unavailability, Emergency AC Power



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

### Notes

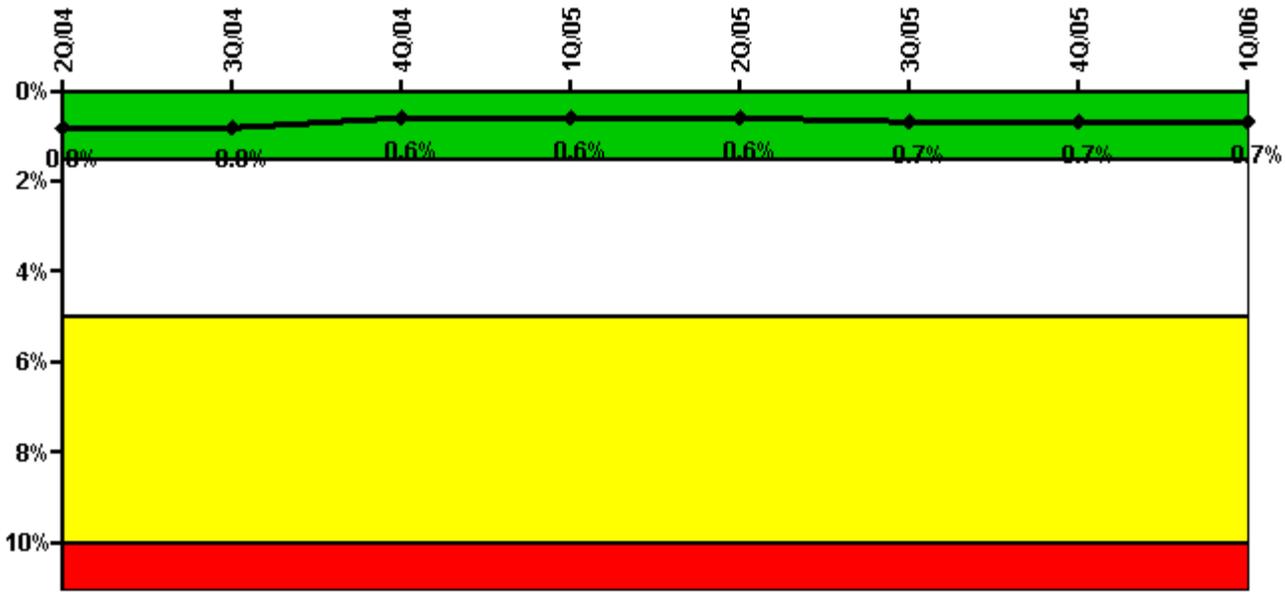
Safety System Unavailability, Emergency AC Power	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
<b>Train 1</b>								
Planned unavailable hours	2.07	2.11	1.80	2.86	1.95	5.07	1.59	7.07
Unplanned unavailable hours	0	0	0	0	37.37	4.23	21.02	0
Fault exposure hours	0	0	0	0	0	0	2.42	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Train 2</b>								
Planned unavailable hours	1.57	3.12	2.07	2.22	5.10	2.16	1.71	2.46
Unplanned unavailable hours	0	0	0	0	16.47	12.30	0	1.60
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	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Indicator value</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.4%</b>

### Licensee Comments:

4Q/05: There were additional availability hours related to an abnormal alignment of NSCW requiring operator action that were under investigation. The NSCW availability hours question was resolved with the Senior Resident.

3Q/05: During the monthly surveillance of the 2B D/G, the generator field would not excite. Failure was due to the K1 relay. EDG 2B had 346.51 hours of T/2 Fault Exposure Hours. A similar failure occurred on 6/6/05. Ref. CR 2005106877.

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



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

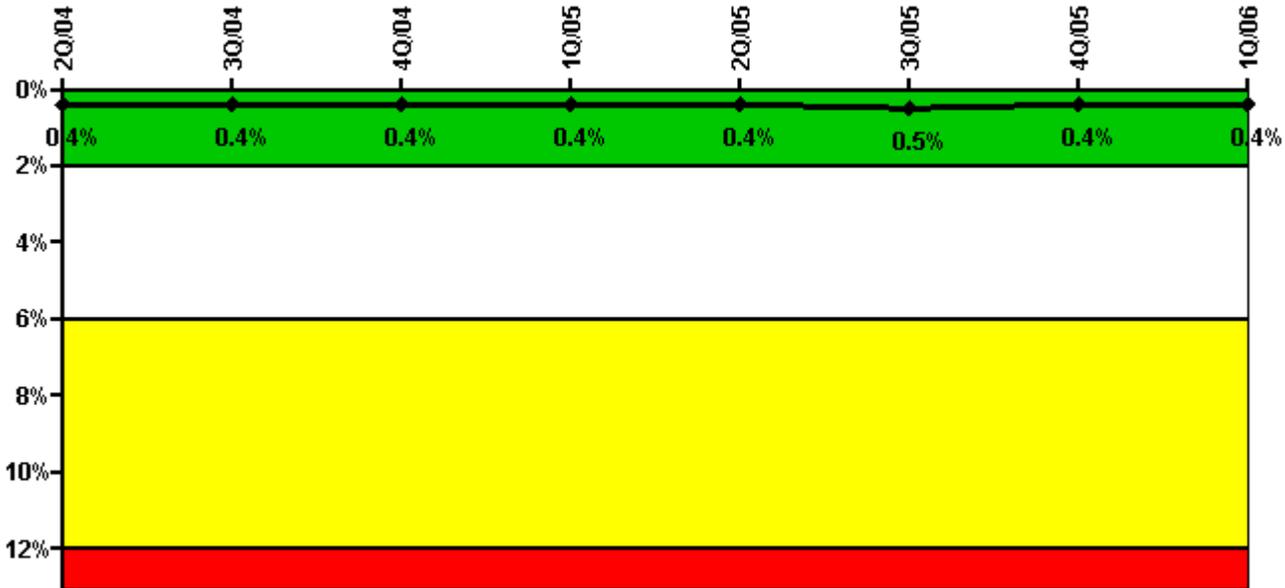
#### Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
<b>Train 1</b>								
Planned unavailable hours	0.62	16.27	5.60	3.13	8.99	5.63	9.51	5.57
Unplanned unavailable hours	0	0	0	0	0	4.23	20.55	0
Fault exposure hours	0	0	0	0	0	0	2.42	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1502.50	2195.07	2172.23	2160.00	1795.85	1900.48	1664.25	1619.30
<b>Train 2</b>								
Planned unavailable hours	47.84	6.09	2.53	9.03	4.89	8.03	3.23	3.73
Unplanned unavailable hours	19.58	0	0	0	0	0	0	0
Fault exposure hours	6.30	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1502.50	2195.07	2172.23	2160.00	1795.85	1900.48	1664.25	1619.30
<b>Train 3</b>								
Planned unavailable hours	5.91	8.06	9.18	4.75	11.58	29.91	9.33	8.73
Unplanned unavailable hours	0	0	0	0	0	4.23	20.55	0
Fault exposure hours	0	0	0	0	0	0	2.42	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1502.50	2195.07	2172.23	2160.00	1795.85	1900.48	1664.25	1619.30
<b>Train 4</b>								
Planned unavailable hours	20.80	8.18	42.90	11.39	6.38	9.89	5.03	27.29
Unplanned unavailable hours	19.58	0	0	0	0	0	0	0
Fault exposure hours	6.30	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1502.50	2195.07	2172.23	2160.00	1795.85	1900.48	1664.25	1619.30
<b>Indicator value</b>	<b>0.8%</b>	<b>0.8%</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>

Licensee Comments:

4Q/05: There were additional availability hours related to an abnormal alignment of NSCW requiring operator action that were under investigation. The NSCW availability hours question was resolved with the Senior Resident.

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



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

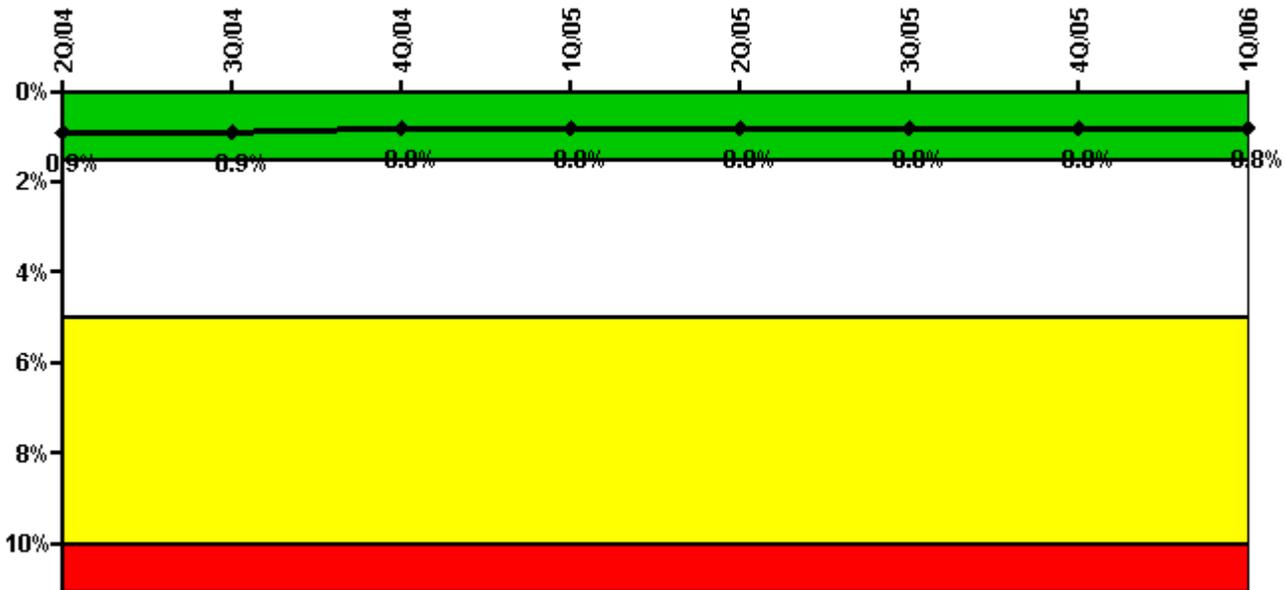
Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
<b>Train 1</b>								
Planned unavailable hours	14.92	5.95	23.17	29.28	8.72	4.04	6.31	4.67
Unplanned unavailable hours	2.27	0	0	0	0	0	0	0
Fault exposure hours	60.42	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1502.50	2195.07	2172.23	2160.00	1795.85	1900.48	1664.25	1619.30
<b>Train 2</b>								
Planned unavailable hours	5.45	18.98	2.20	11.68	1.92	9.06	4.90	4.18
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	1502.50	2195.07	2172.23	2160.00	1795.85	1900.48	1664.25	1619.30
<b>Train 3</b>								
Planned unavailable hours	2.10	0	0.80	0	0.58	1.00	0.92	1.08
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	1502.50	2195.07	2172.23	2160.00	1795.85	1900.48	1664.25	1619.30

Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%
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Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



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

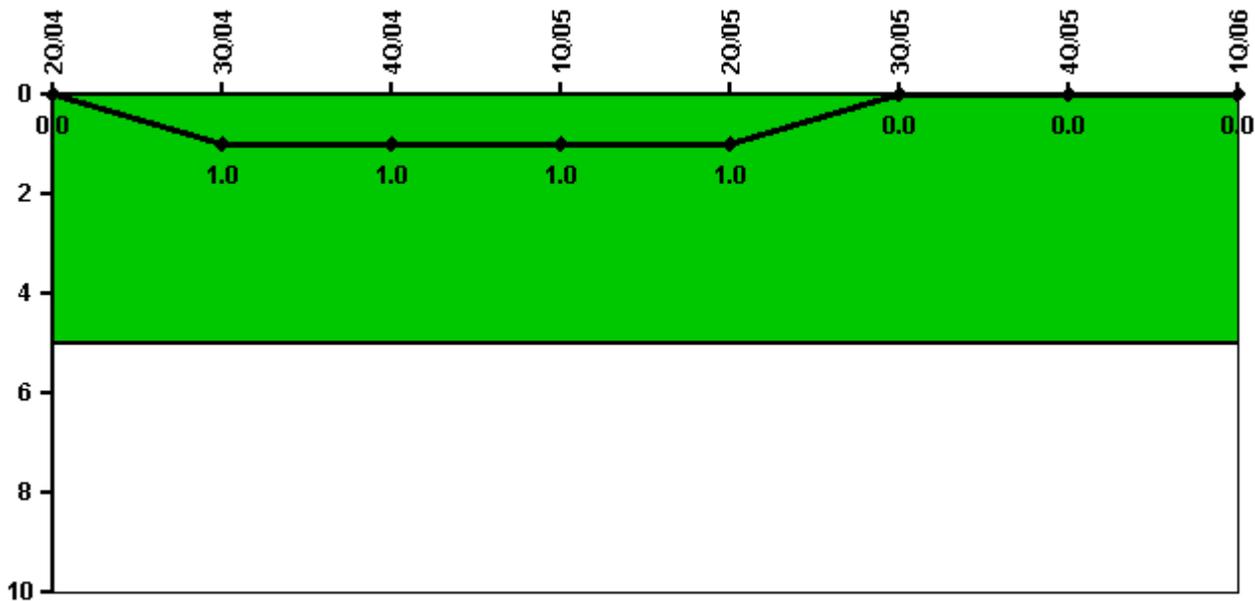
### Notes

Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
<b>Train 1</b>								
Planned unavailable hours	2.50	18.47	8.19	4.63	11.50	29.64	6.96	6.17
Unplanned unavailable hours	0.18	0.02	0	0	3.57	4.23	20.55	0
Fault exposure hours	0	0	0	0	0	0	2.42	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2087.60	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Train 2</b>								
Planned unavailable hours	20.23	17.29	11.43	12.44	7.40	22.80	9.66	8.39
Unplanned unavailable hours	19.58	0	0	0	0	0	0	0
Fault exposure hours	6.30	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2087.60	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Indicator value</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.8%</b>

Licensee Comments:

4Q/05: There were additional availability hours related to an abnormal alignment of NSCW requiring operator action that were under investigation. The NSCW availability hours question was resolved with the Senior Resident.

### Safety System Functional Failures (PWR)



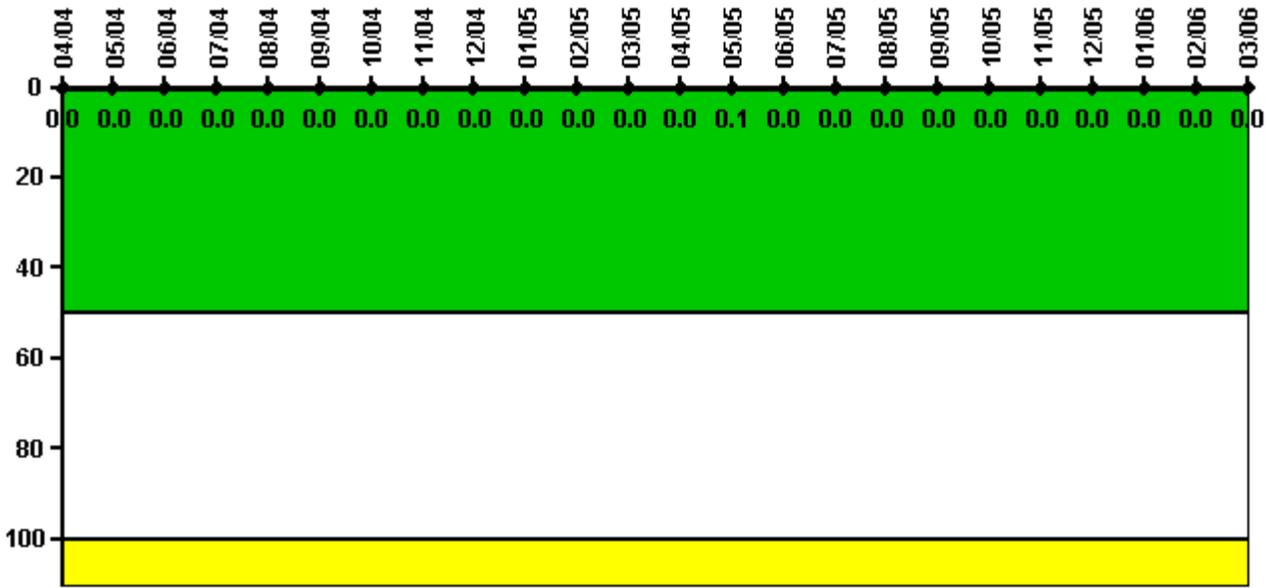
Thresholds: White > 5.0

#### Notes

Safety System Functional Failures (PWR)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments: none

### Reactor Coolant System Activity



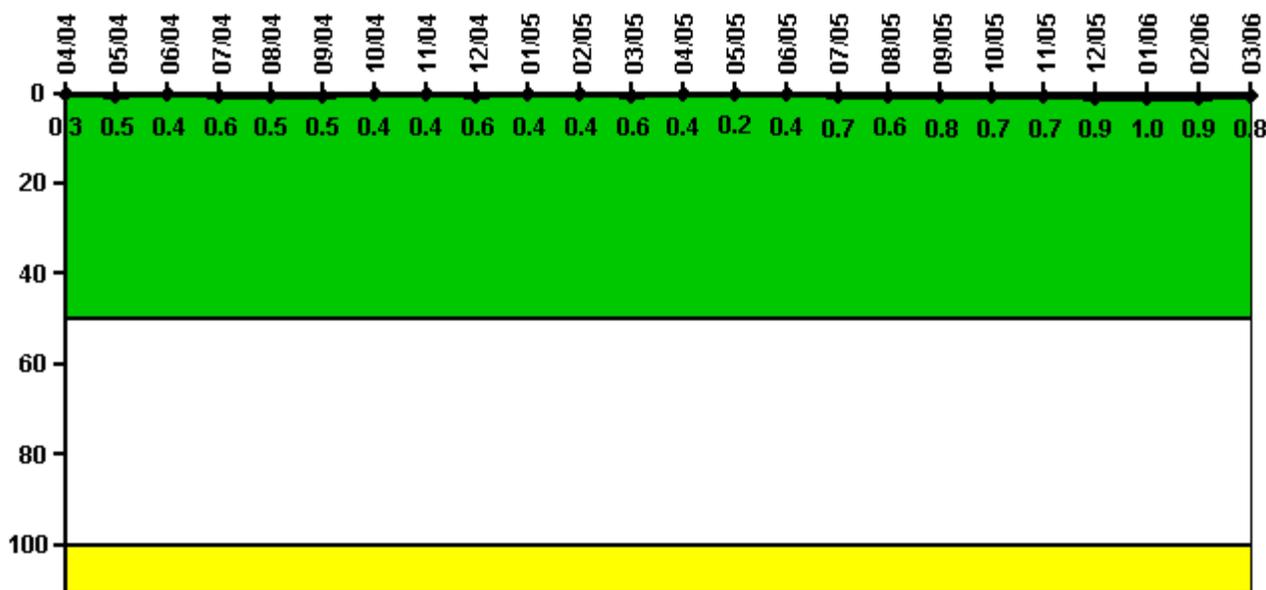
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

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	0.000411	0.000205	0.000231	0.000218	0.000250	0.000271	0.000235	0.000300	0.000307	0.000314	0.000334	0.000340
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	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	0.000374	0.000700	0.000370	0.000377	0.000378	0.000386	0.000191	0.000210	0.000200	0.000234	0.000225	0.000233
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	0	0	0	0	0	0	0	0	0

Licensee Comments: none

### Reactor Coolant System Leakage



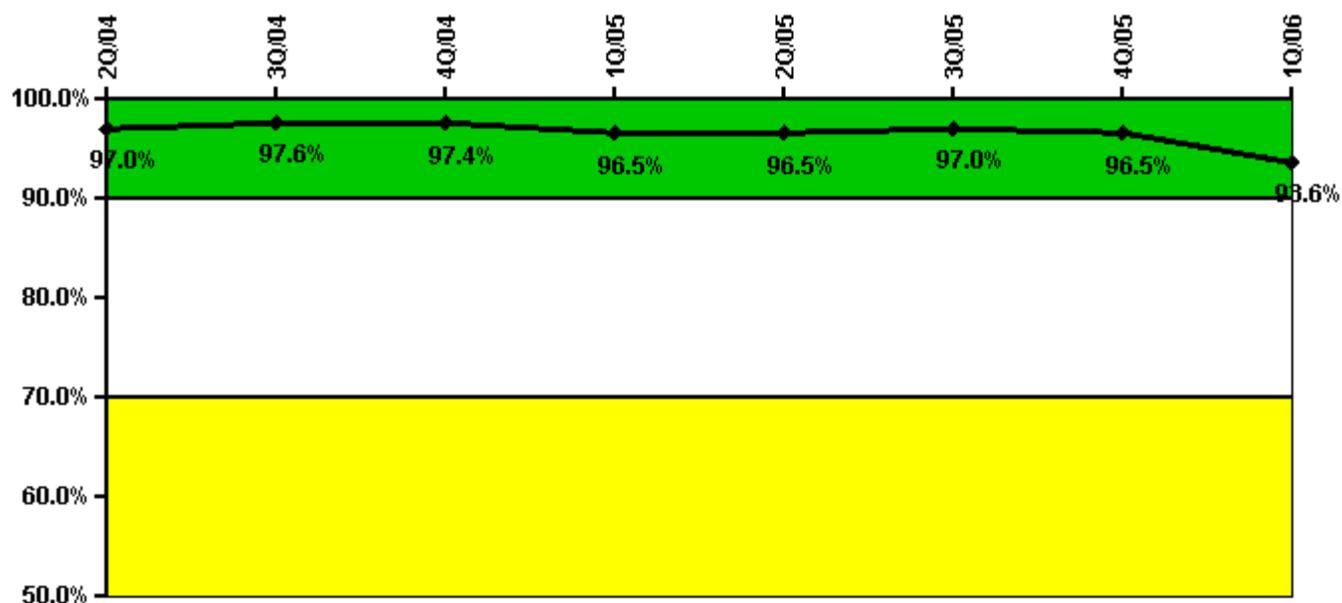
Thresholds: White > 50.0 Yellow > 100.0

#### Notes

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0.032	0.054	0.038	0.057	0.050	0.047	0.042	0.044	0.058	0.042	0.044	0.056
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	0.3	0.5	0.4	0.6	0.5	0.5	0.4	0.4	0.6	0.4	0.4	0.6
Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.044	0.017	0.043	0.067	0.063	0.078	0.067	0.074	0.088	0.095	0.085	0.082
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	0.2	0.4	0.7	0.6	0.8	0.7	0.7	0.9	1.0	0.9	0.8

Licensee Comments: none

### Drill/Exercise Performance



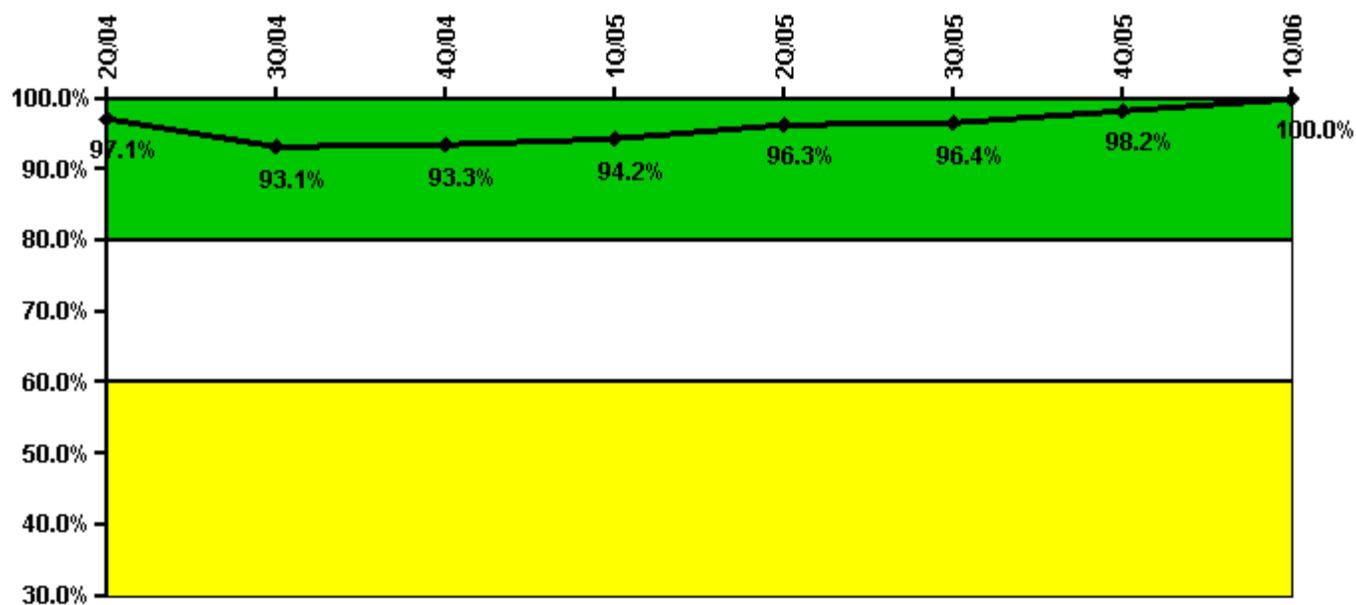
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	21.0	54.0	3.0	38.0	16.0	52.0	37.0	86.0
Total opportunities	22.0	55.0	4.0	42.0	16.0	52.0	39.0	98.0
Indicator value	97.0%	97.6%	97.4%	96.5%	96.5%	97.0%	96.5%	93.6%

Licensee Comments: none

### ERO Drill Participation



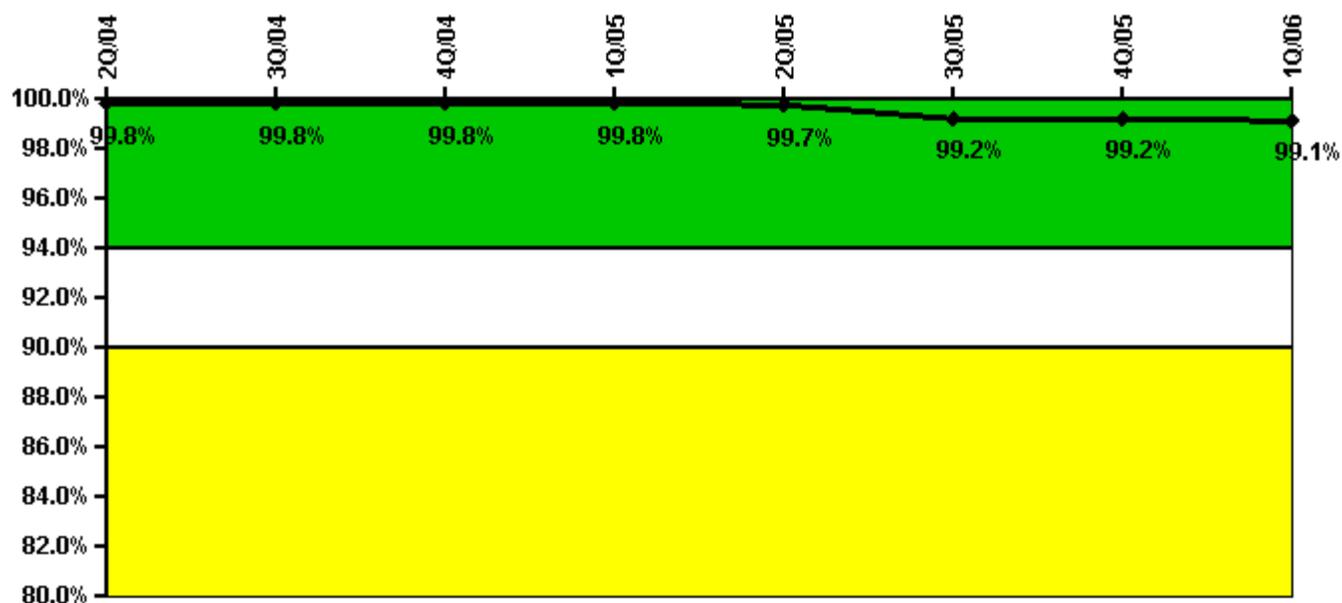
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	99.0	95.0	97.0	98.0	104.0	106.0	111.0	110.0
Total Key personnel	102.0	102.0	104.0	104.0	108.0	110.0	113.0	110.0
Indicator value	97.1%	93.1%	93.3%	94.2%	96.3%	96.4%	98.2%	100.0%

Licensee Comments: none

### Alert & Notification System



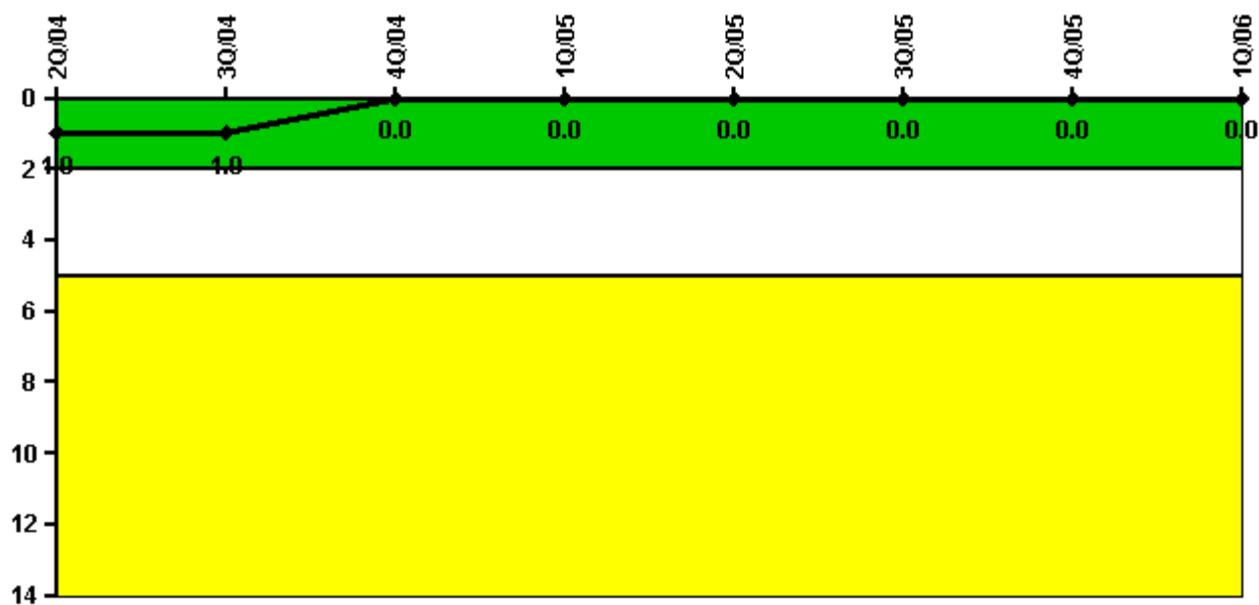
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	611	608	610	611	607	596	610	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	99.8%	99.8%	99.8%	99.8%	99.7%	99.2%	99.2%	99.1%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



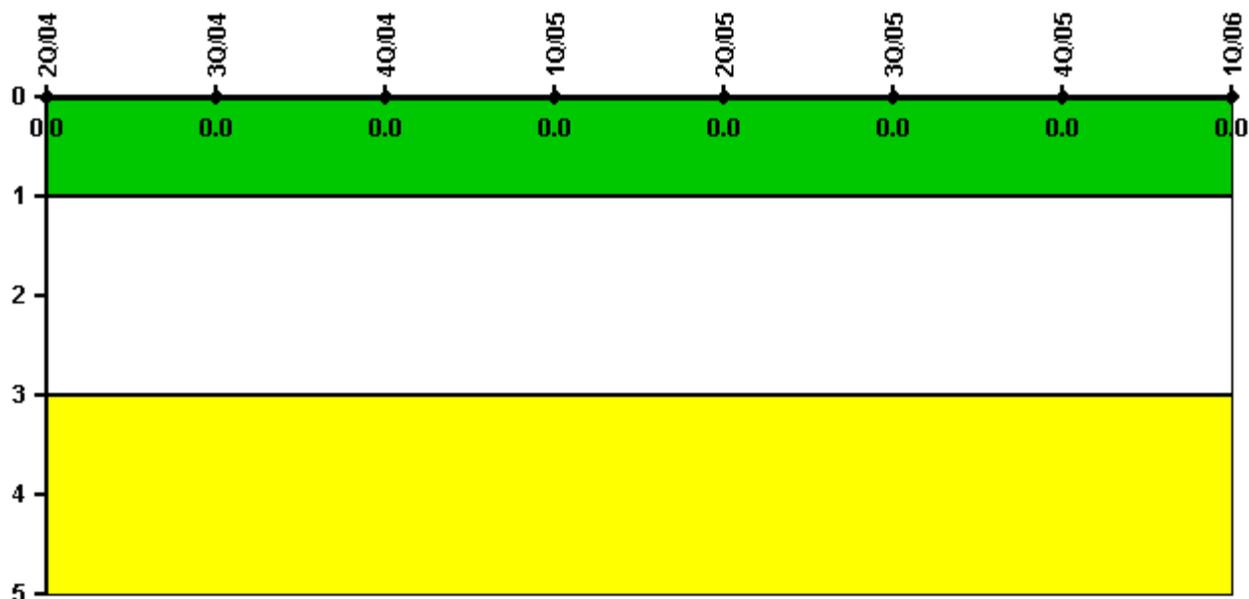
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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>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

### RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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: May 5, 2006