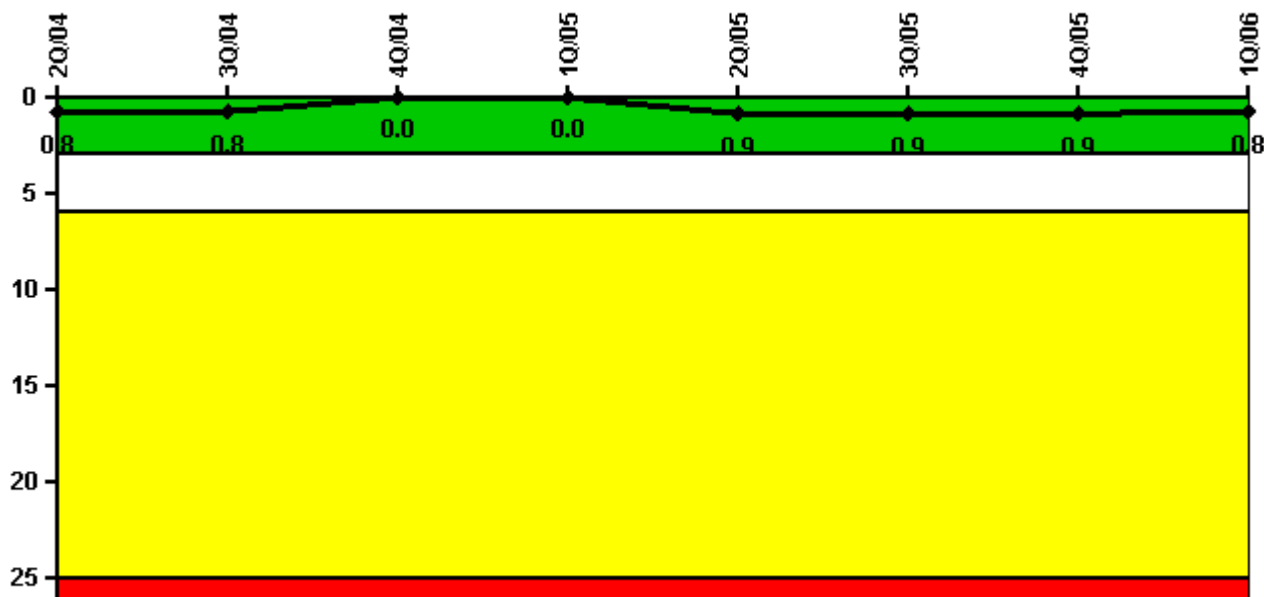


## Brunswick 2

### 1Q/2006 Performance Indicators

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



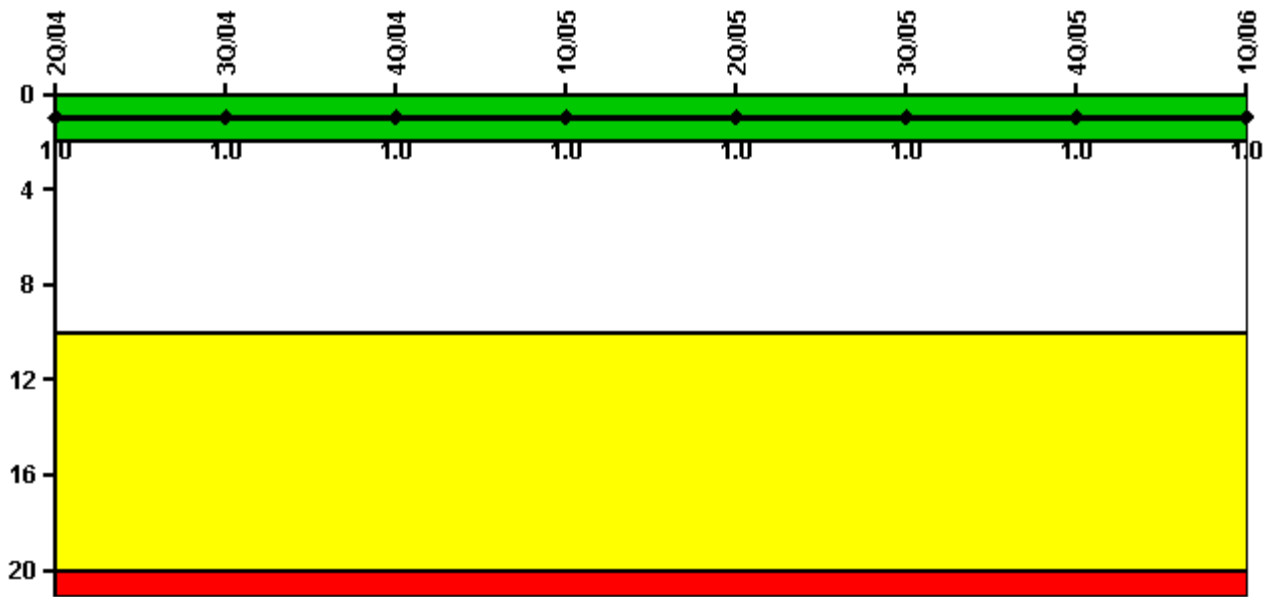
**Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0**

#### 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	0	0	1.0	0	0	0
Critical hours	2134.2	2139.8	2209.0	1510.0	2026.2	2064.8	2209.0	2160.0
Indicator value	0.8	0.8	0	0	0.9	0.9	0.9	0.8

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



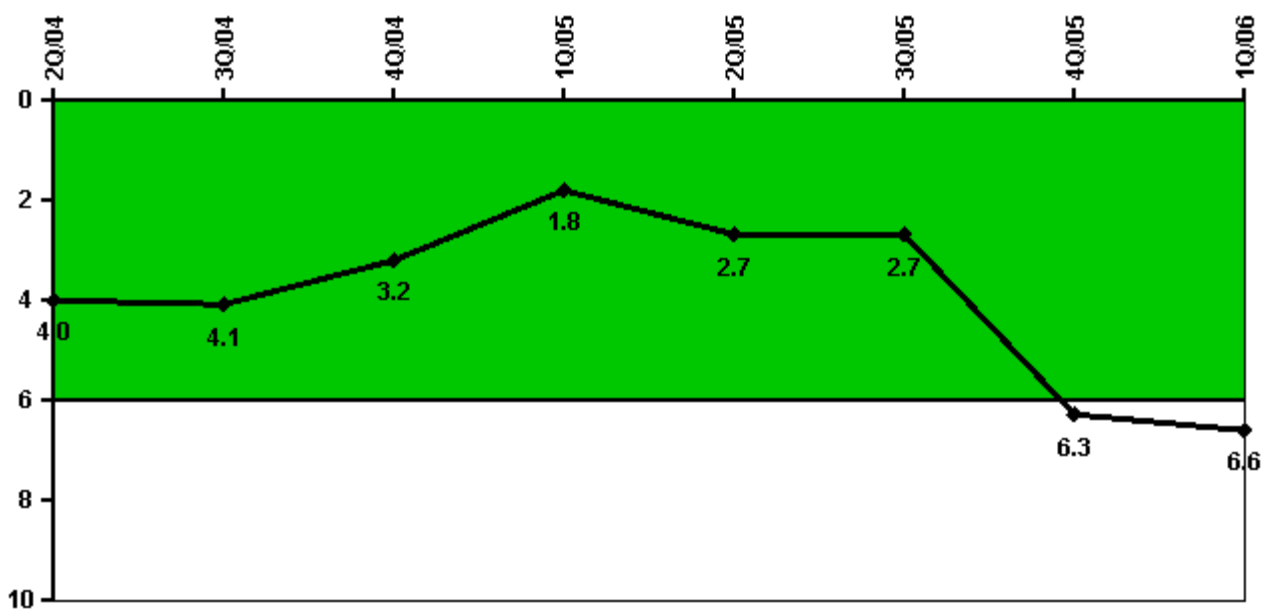
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### 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	0	0	0	0	0	0
Indicator value	1.0	1.0	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

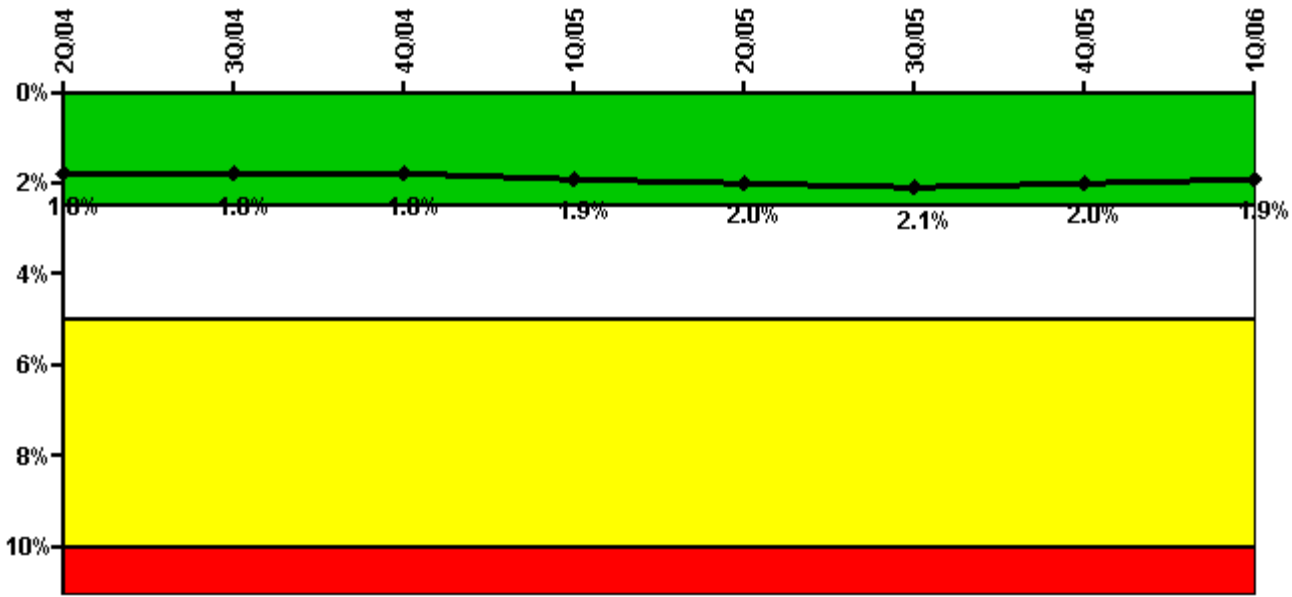
#### Notes

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	1.0	1.0	0	0	2.0	1.0	4.0	1.0
Critical hours	2134.2	2139.8	2209.0	1510.0	2026.2	2064.8	2209.0	2160.0
Indicator value	4.0	4.1	3.2	1.8	2.7	2.7	6.3	6.6

Licensee Comments:

1Q/06: Threshold was exceeded during fourth quarter 2005

### Safety System Unavailability, Emergency AC Power



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

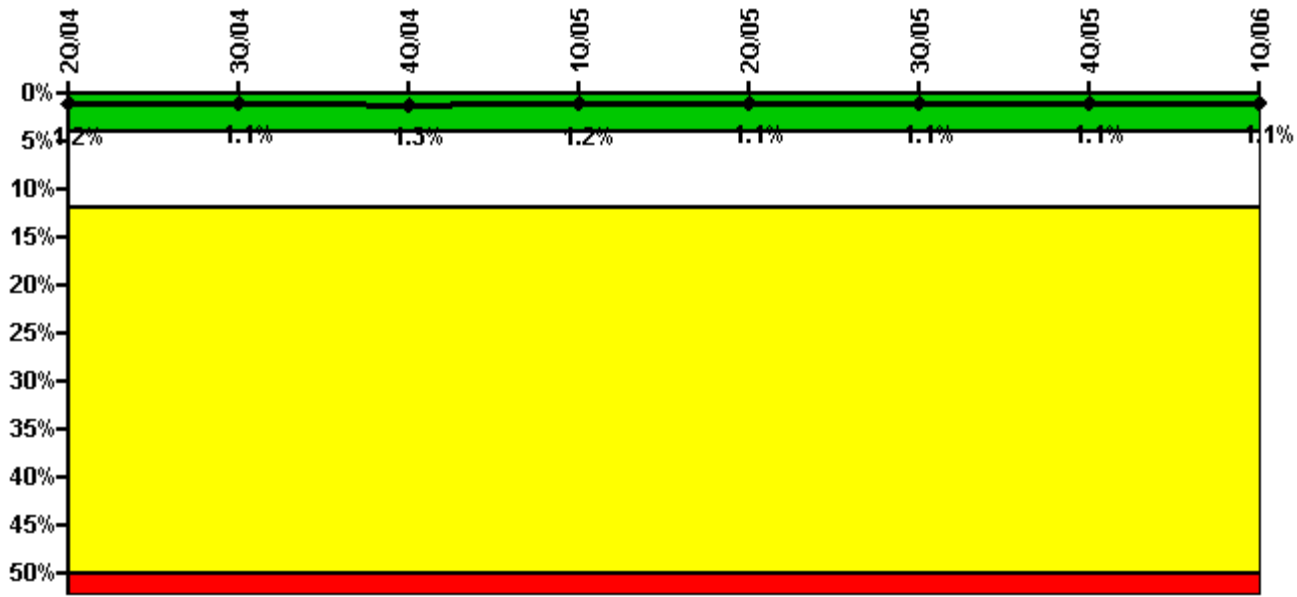
#### Notes

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	1.04	0.85	2.56	16.56	51.01	7.83	16.76	1.52
Unplanned unavailable hours	0	0.10	9.83	0	0	8.55	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	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Train 2</b>								
Planned unavailable hours	19.15	2.54	6.25	15.05	1.76	10.72	8.48	1.31
Unplanned unavailable hours	0	3.65	0	0	0	32.39	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	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Indicator value</b>	<b>1.8%</b>	<b>1.8%</b>	<b>1.8%</b>	<b>1.9%</b>	<b>2.0%</b>	<b>2.1%</b>	<b>2.0%</b>	<b>1.9%</b>

Licensee Comments:

3Q/03: Revised to add 1.7 hours unplanned unavailability for DG 4 in September 2003. Identified error during MSPI data validation. No impact on indicator color.

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



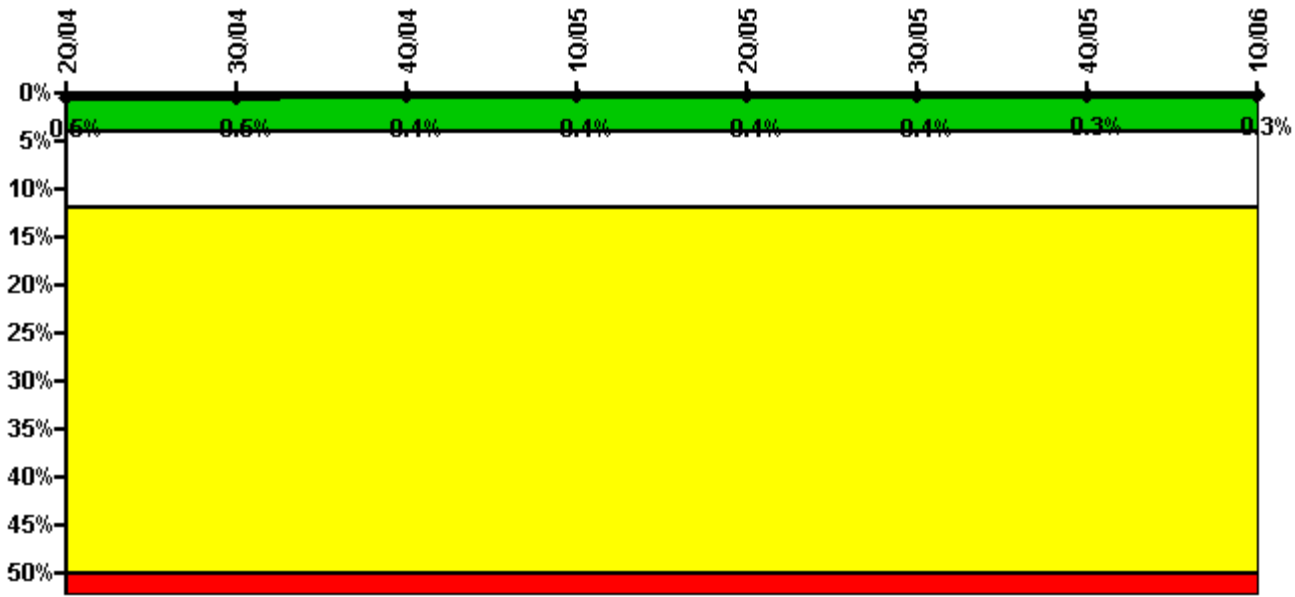
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
<b>Train 1</b>								
Planned unavailable hours	17.30	7.00	28.00	0.30	0.30	0.50	23.70	1.10
Unplanned unavailable hours	32.90	0	0	0	2.10	0	0	0
Fault exposure hours	32.67	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2134.20	2139.85	2209.00	1510.02	2026.20	2064.80	2209.00	2160.00
<b>Indicator value</b>	<b>1.2%</b>	<b>1.1%</b>	<b>1.3%</b>	<b>1.2%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.1%</b>

Licensee Comments: none

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



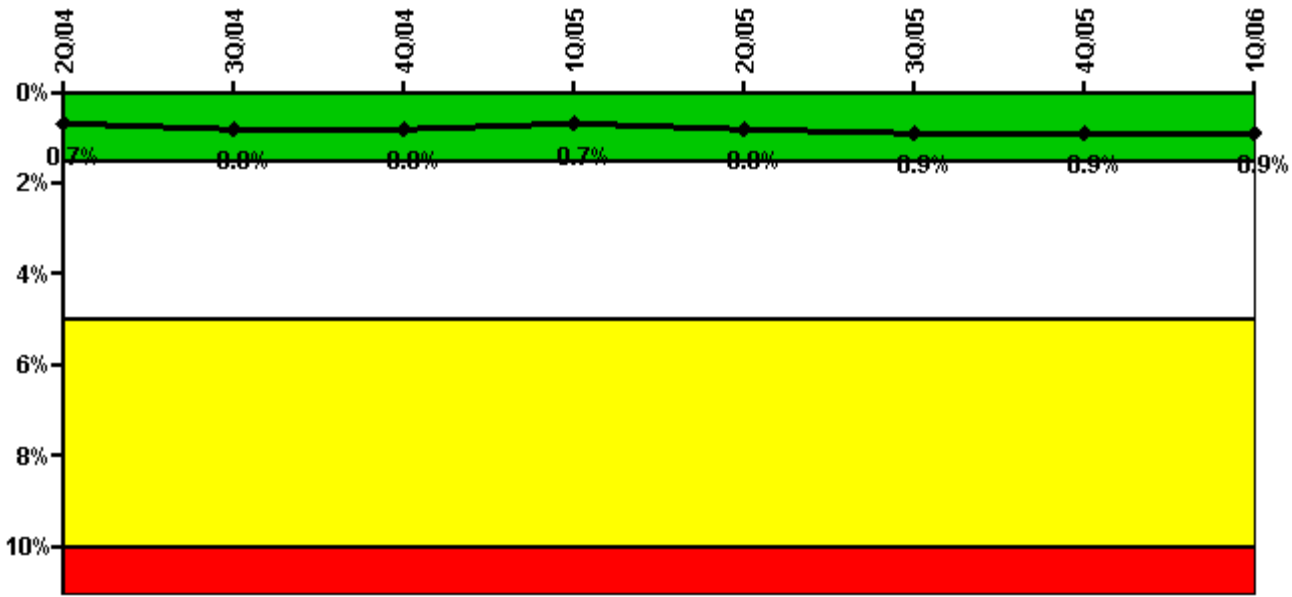
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

#### Notes

Safety System Unavailability, Heat Removal System (RCIC)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
<b>Train 1</b>								
Planned unavailable hours	6.50	10.60	0.90	0.30	18.30	0	0.20	14.60
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	2134.20	2139.85	2209.00	1510.02	2026.20	2064.80	2209.00	2160.00
<b>Indicator value</b>	<b>0.5%</b>	<b>0.5%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.3%</b>	<b>0.3%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



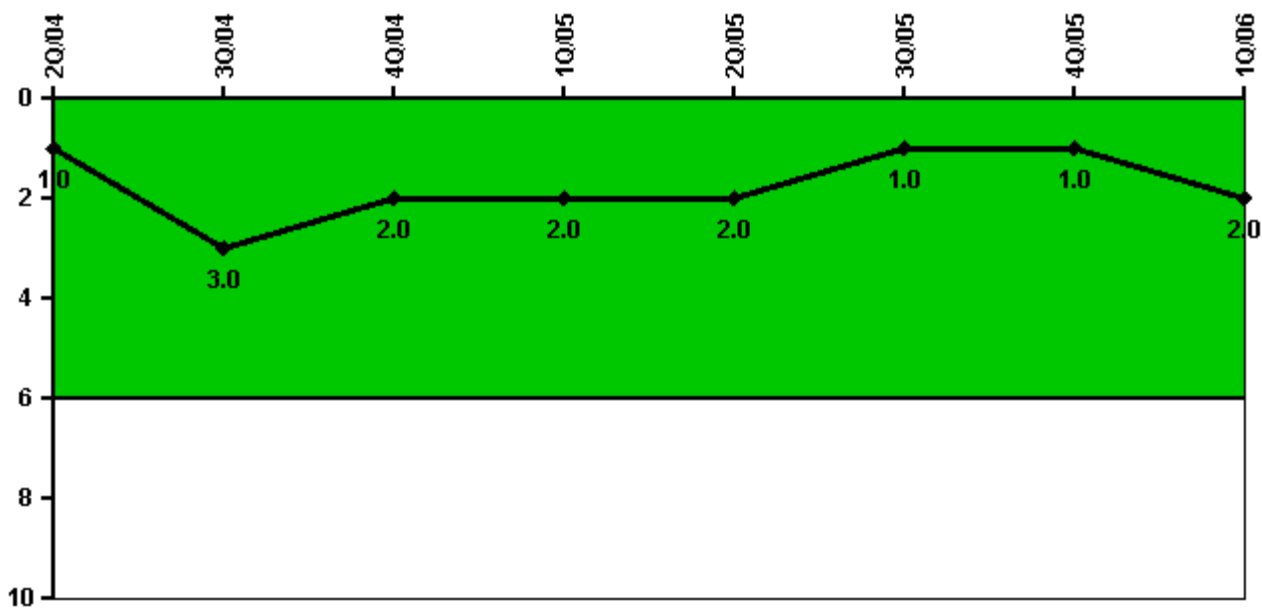
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**Notes**

Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
<b>Train 1</b>								
Planned unavailable hours	0	9.50	18.80	43.30	0	20.50	4.20	13.10
Unplanned unavailable hours	0	4.70	0	0	14.20	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	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Train 2</b>								
Planned unavailable hours	19.40	1.20	12.70	0	0	38.30	1.70	11.60
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	2160.00	2183.00	2208.00	2209.00	2160.00
<b>Indicator value</b>	<b>0.7%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.7%</b>	<b>0.8%</b>	<b>0.9%</b>	<b>0.9%</b>	<b>0.9%</b>

Licensee Comments: none

### Safety System Functional Failures (BWR)



Thresholds: White > 6.0

#### Notes

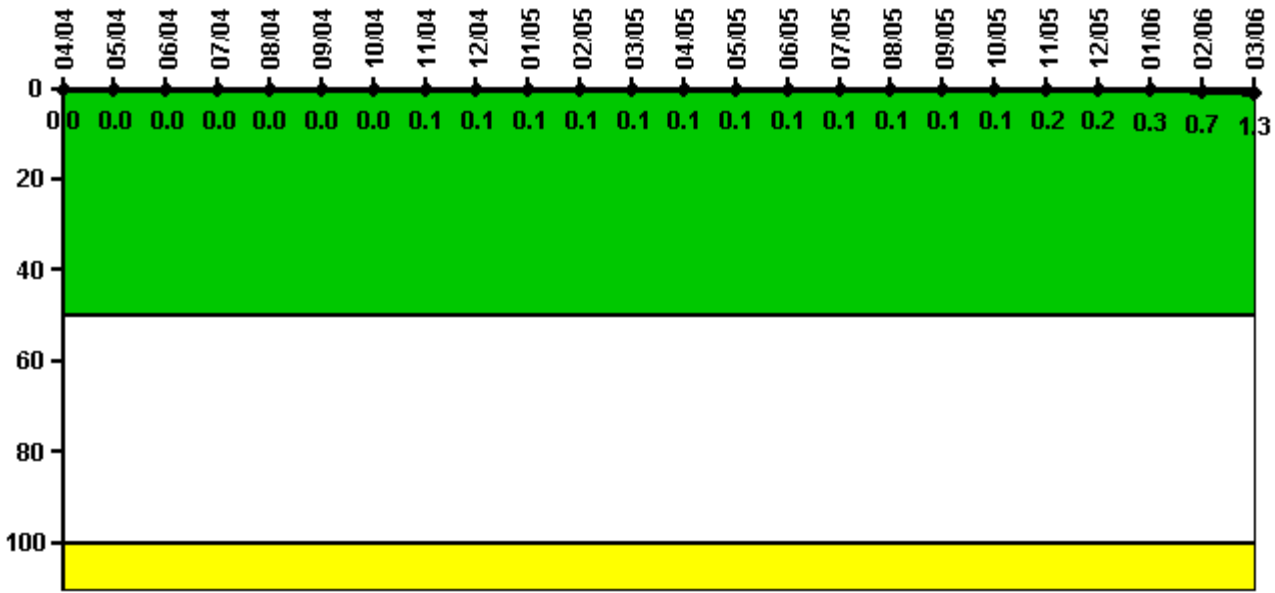
Safety System Functional Failures (BWR)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Safety System Functional Failures	0	2	0	0	0	1	0	1
Indicator value	1	3	2	2	2	1	1	2

Licensee Comments:

1Q/06: LER 1-2006-001



### Reactor Coolant System Activity



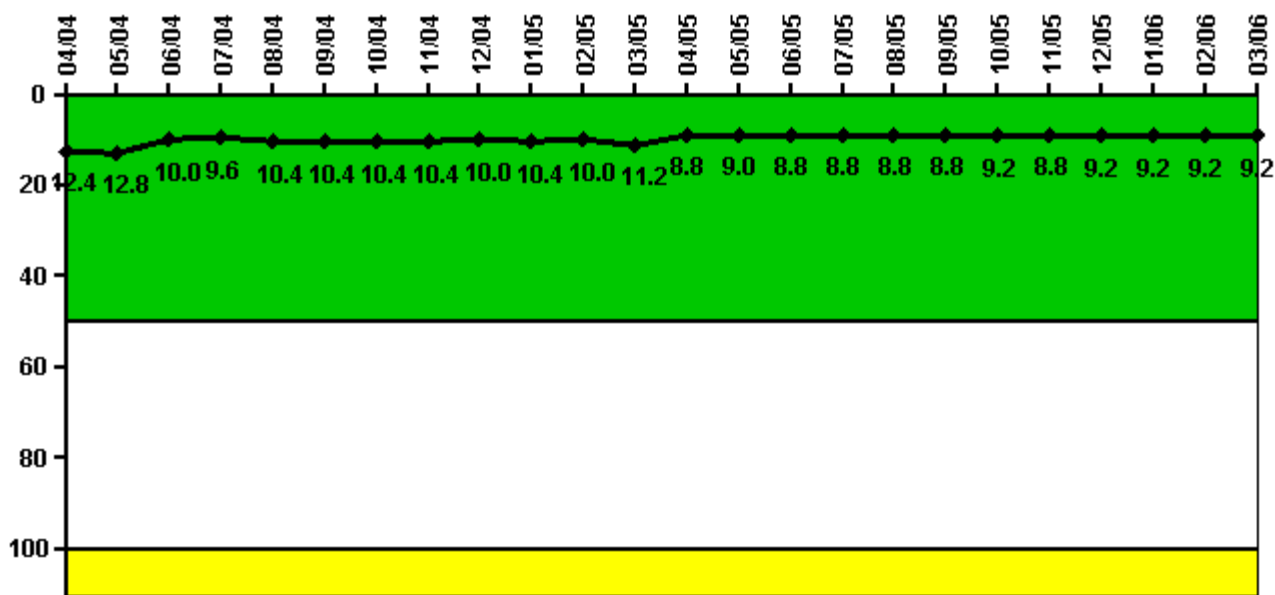
Thresholds: White > 50.0 Yellow > 100.0

#### 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	0.000080	0.000079	0.000073	0.000058	0.000066	0.000075	0.000082	0.000123	0.000125	0.000175	0.000175	0.000153
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1
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	0.000139	0.000119	0.000276	0.000175	0.000274	0.000263	0.000241	0.000379	0.000446	0.000655	0.001461	0.002587
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.7	1.3

Licensee Comments: none

### Reactor Coolant System Leakage



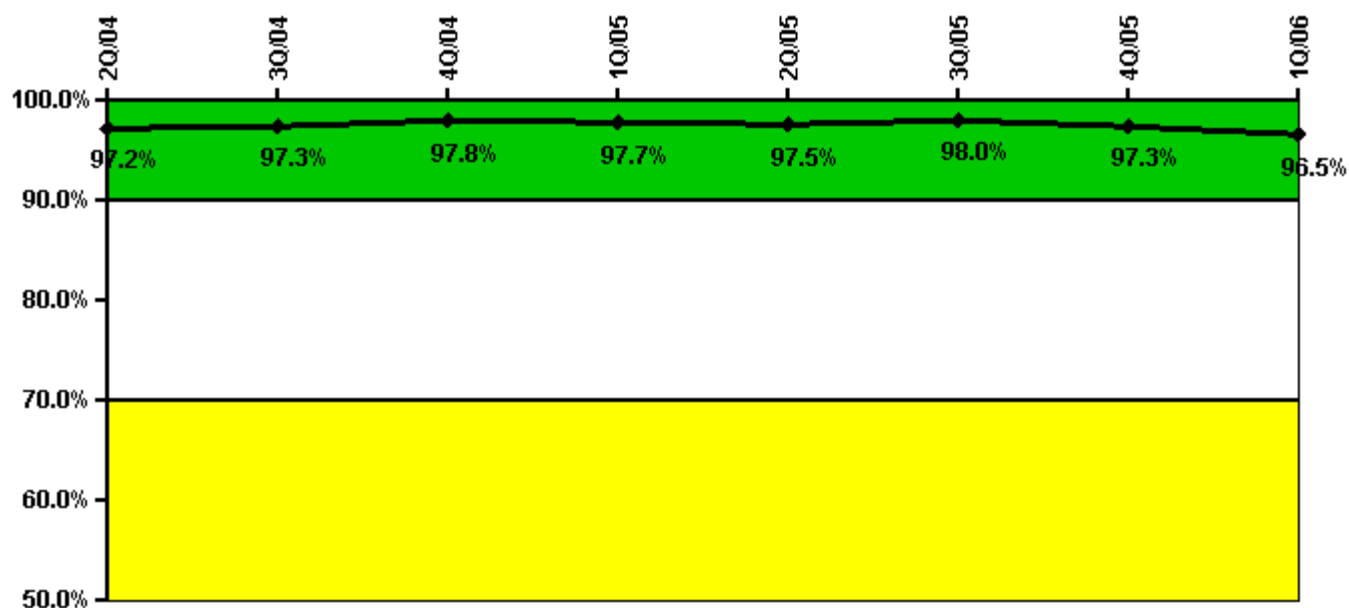
Thresholds: White > 50.0 Yellow > 100.0

#### 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	3.100	3.200	2.500	2.400	2.600	2.600	2.600	2.600	2.500	2.600	2.500	2.800
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	12.4	12.8	10.0	9.6	10.4	10.4	10.4	10.4	10.0	10.4	10.0	11.2
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	2.200	2.250	2.200	2.200	2.200	2.200	2.300	2.200	2.300	2.300	2.300	2.300
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	8.8	9.0	8.8	8.8	8.8	8.8	9.2	8.8	9.2	9.2	9.2	9.2

Licensee Comments: none

### Drill/Exercise Performance



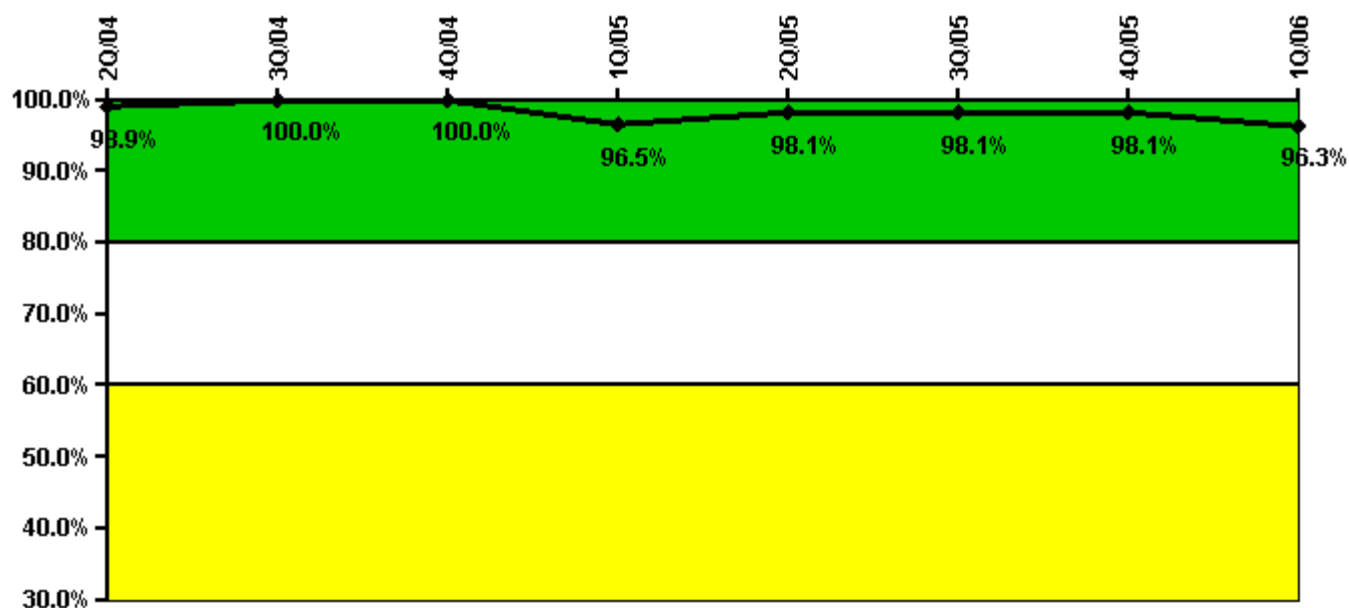
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	0	55.0	20.0	0	34.0	28.0	7.0	20.0
Total opportunities	0	57.0	20.0	0	35.0	28.0	8.0	22.0
Indicator value	97.2%	97.3%	97.8%	97.7%	97.5%	98.0%	97.3%	96.5%

Licensee Comments: none

### ERO Drill Participation



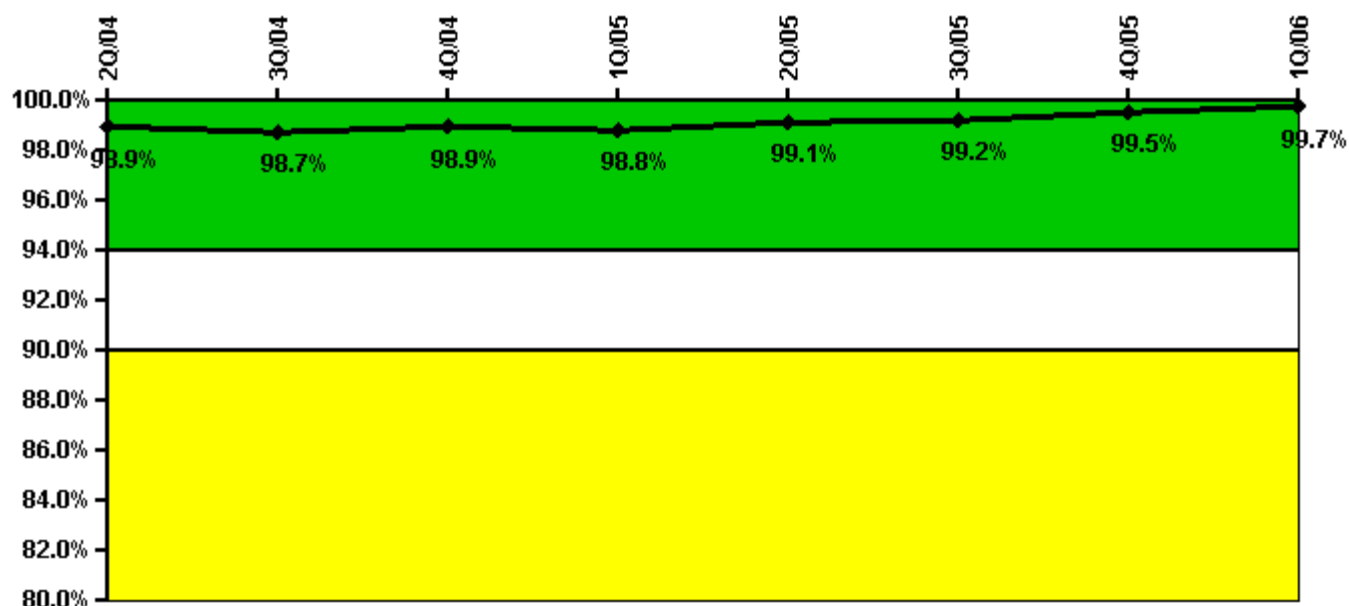
Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	86.0	93.0	81.0	110.0	106.0	102.0	104.0	103.0
Total Key personnel	87.0	93.0	81.0	114.0	108.0	104.0	106.0	107.0
Indicator value	98.9%	100.0%	100.0%	96.5%	98.1%	98.1%	98.1%	96.3%

Licensee Comments: none

### Alert & Notification System



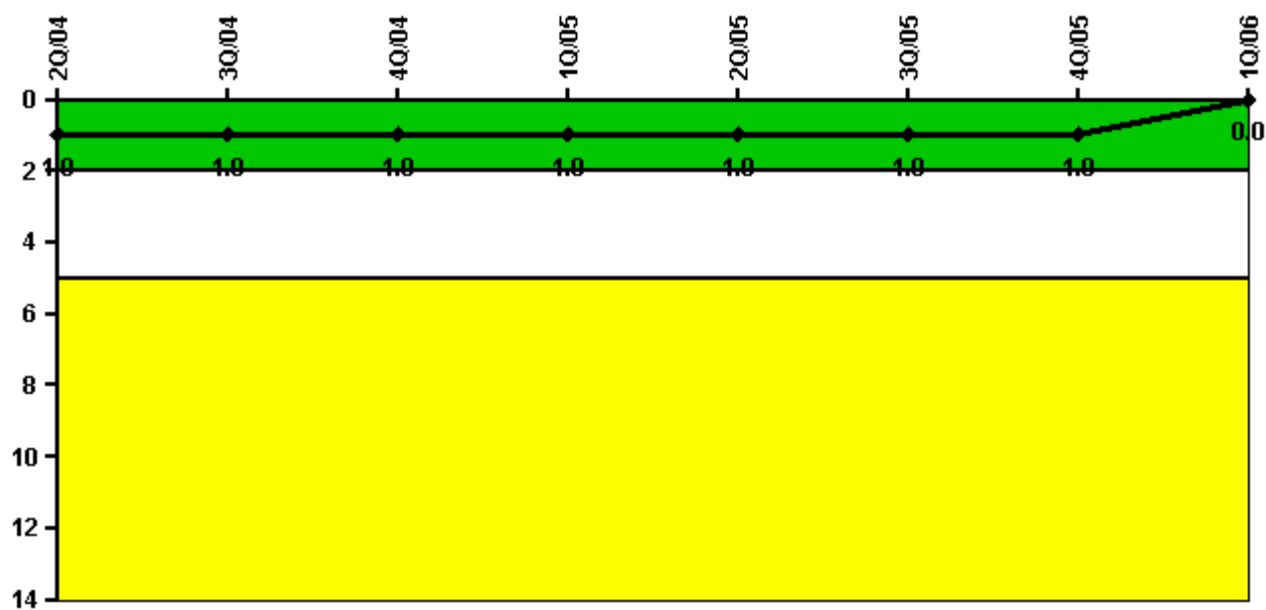
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	356	499	534	497	503	502	539	502
Total sirens-tests	360	504	540	504	504	504	540	504
Indicator value	98.9%	98.7%	98.9%	98.8%	99.1%	99.2%	99.5%	99.7%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



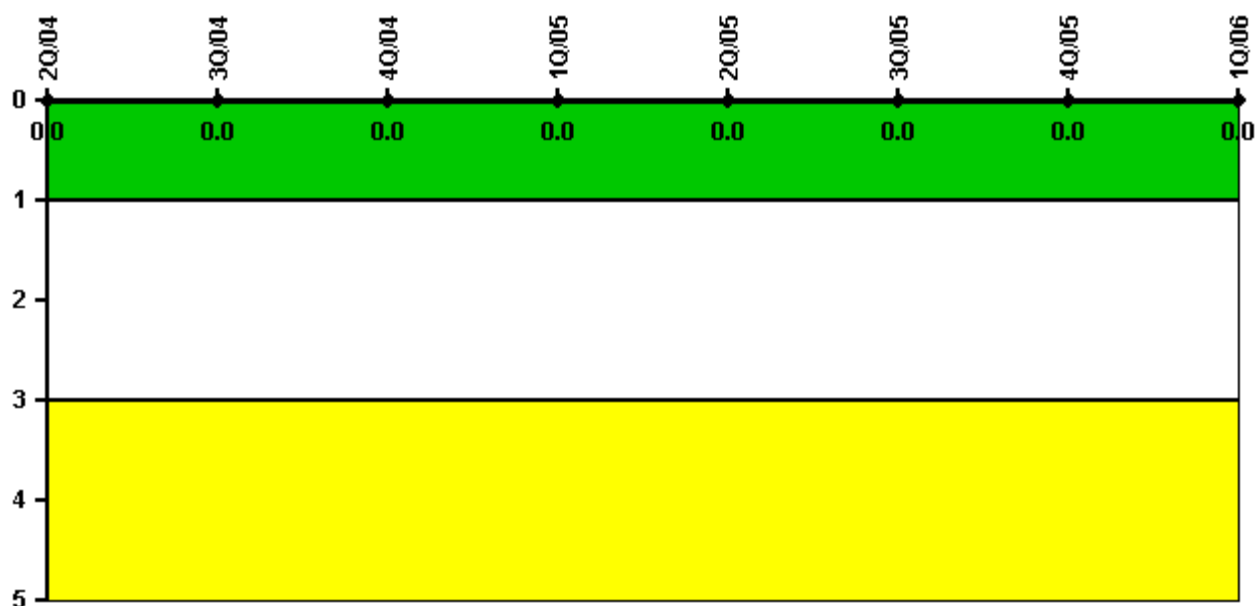
Thresholds: White > 2.0 Yellow > 5.0

#### 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	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>1</b>	<b>1</b>	<b>1</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/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