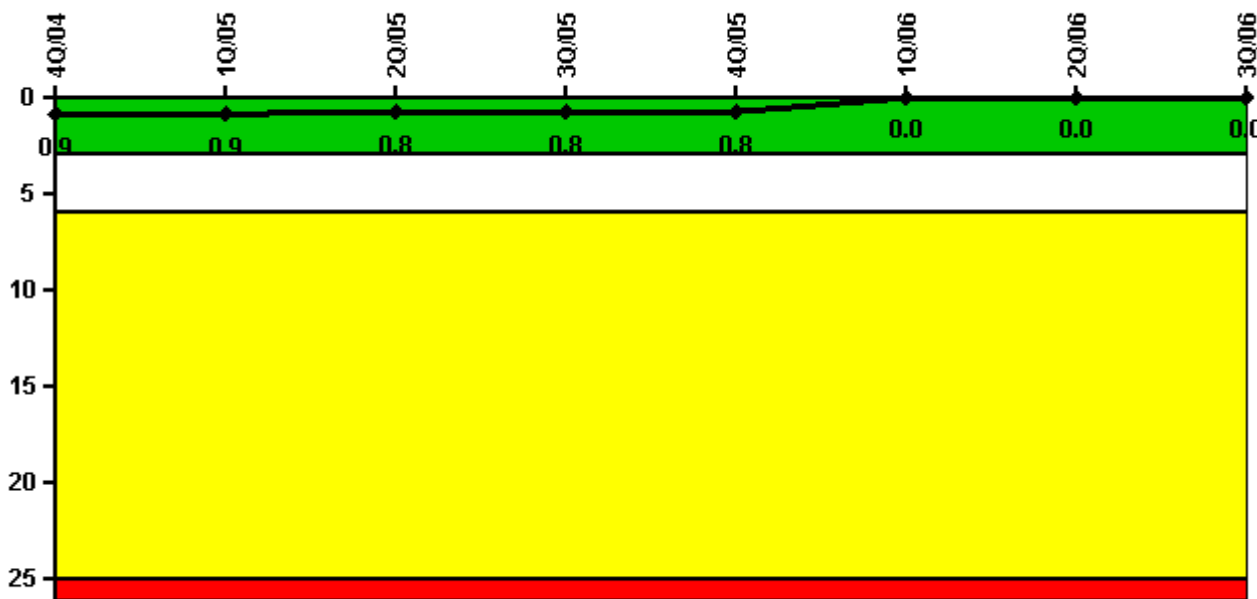


# Calvert Cliffs 1

## 3Q/2006 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



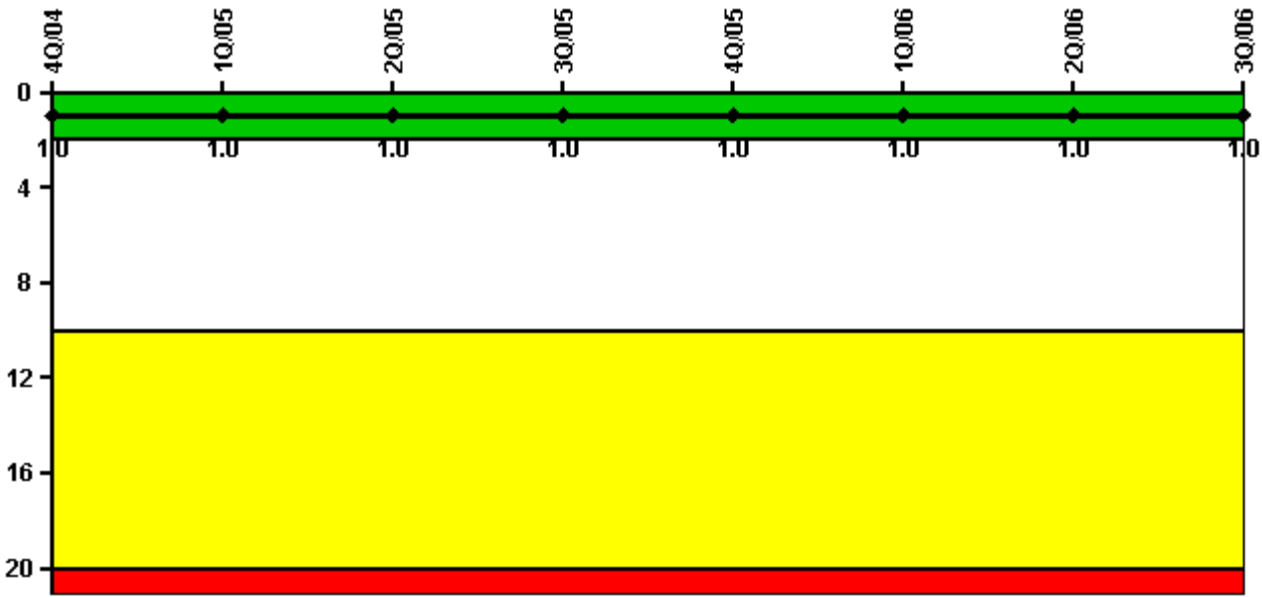
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	2136.3	2183.0	2208.0	2209.0	1221.1	1955.6	2208.0
Indicator value	0.9	0.9	0.8	0.8	0.8	0	0	0

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



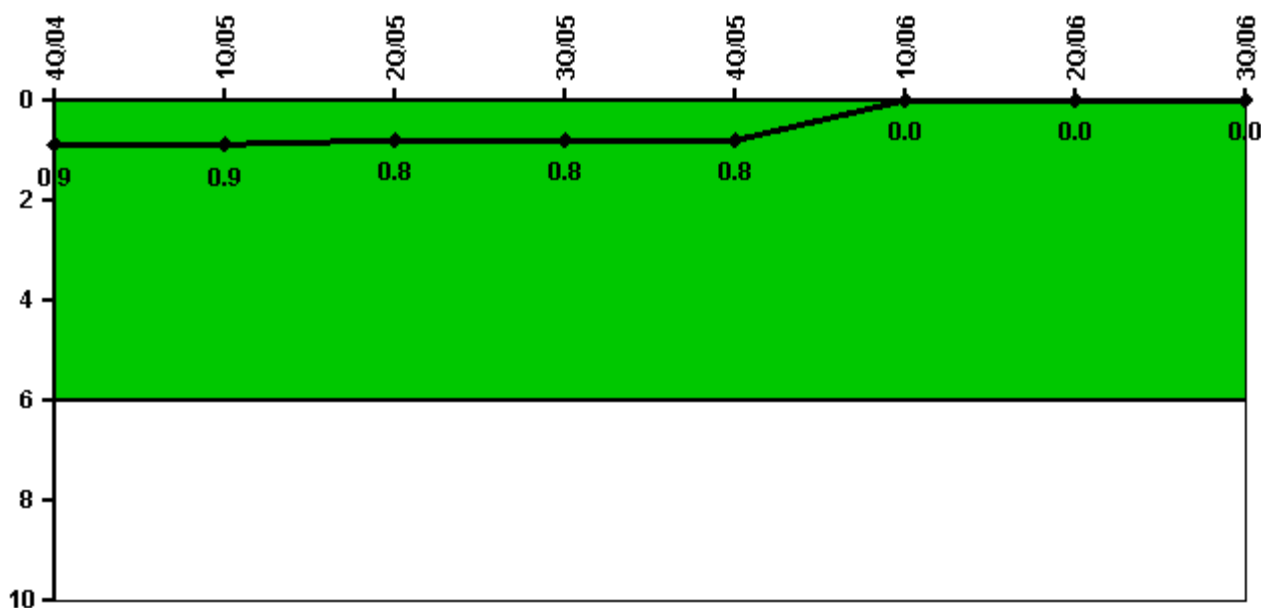
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

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

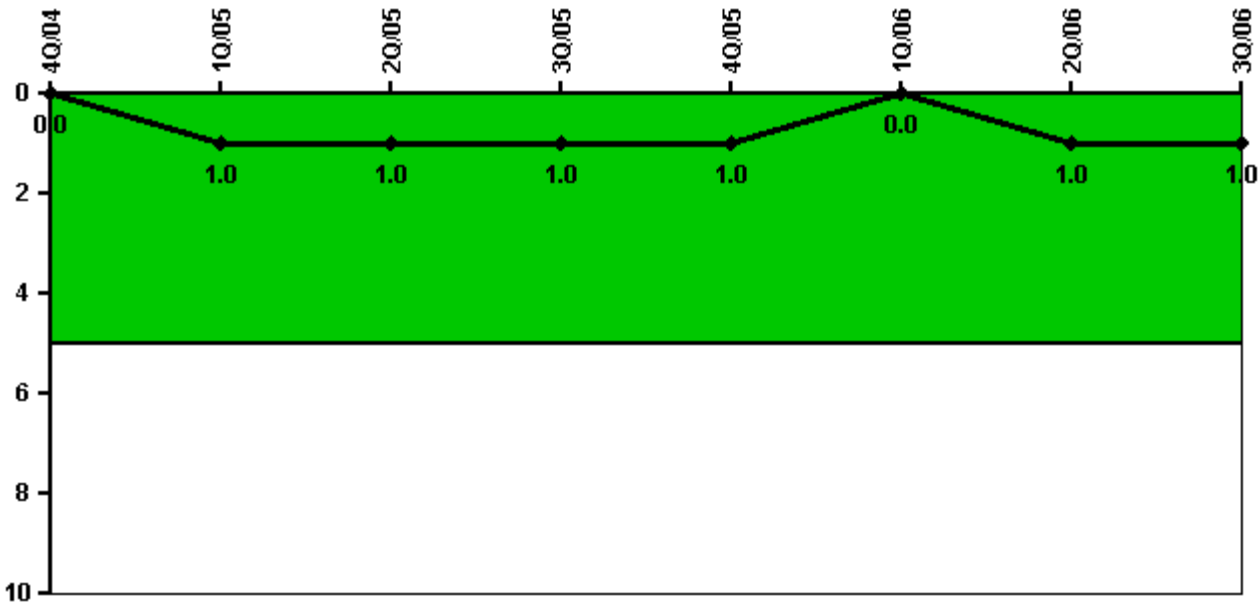
#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	2136.3	2183.0	2208.0	2209.0	1221.1	1955.6	2208.0
Indicator value	0.9	0.9	0.8	0.8	0.8	0	0	0

Licensee Comments:

3Q/06: A Frequently Asked Question (FAQ) was submitted to the Nuclear Energy Institute (NEI) on September 14, 2006 to exclude the unplanned power change that occurred as a result of the jellyfish intrusion on July 7, 2006.

### Safety System Functional Failures (PWR)



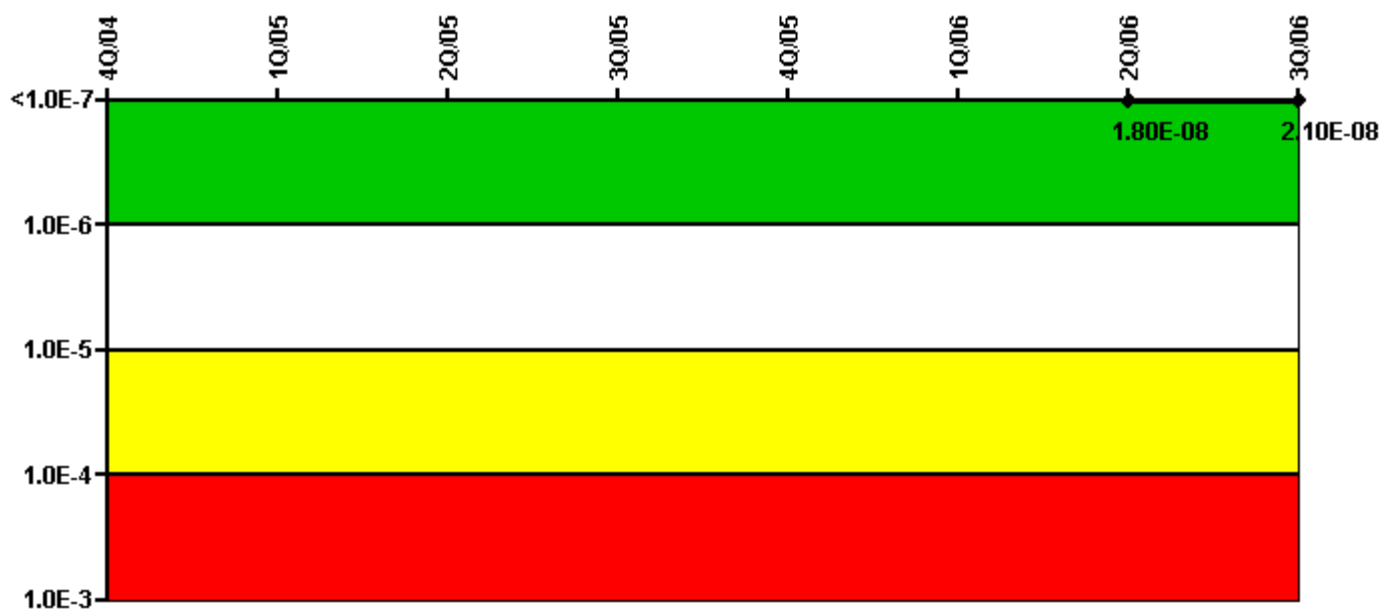
Thresholds: White > 5.0

#### Notes

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

Licensee Comments: none

### Mitigating Systems Performance Index, Emergency AC Power System



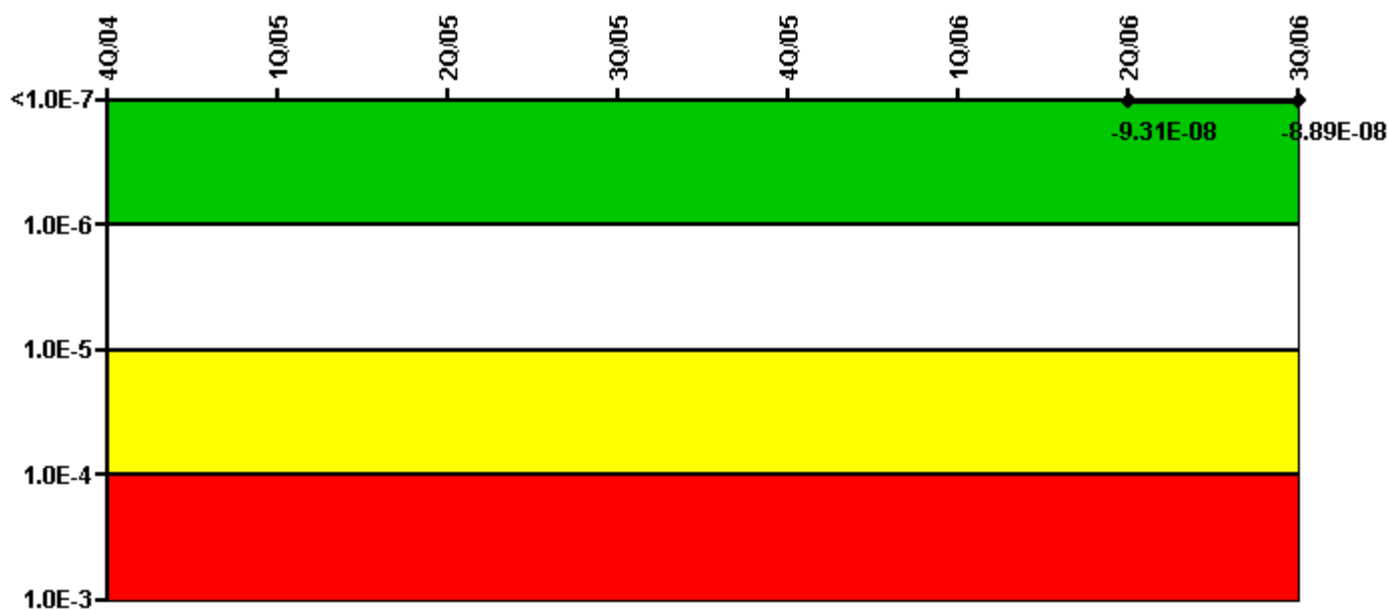
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI ( $\Delta$ CDF)							4.80E-08	5.10E-08
URI ( $\Delta$ CDF)							-3.00E-08	-3.00E-08
PLE							NO	NO
Indicator value							1.80E-08	2.10E-08

Licensee Comments: none

### Mitigating Systems Performance Index, High Pressure Injection System



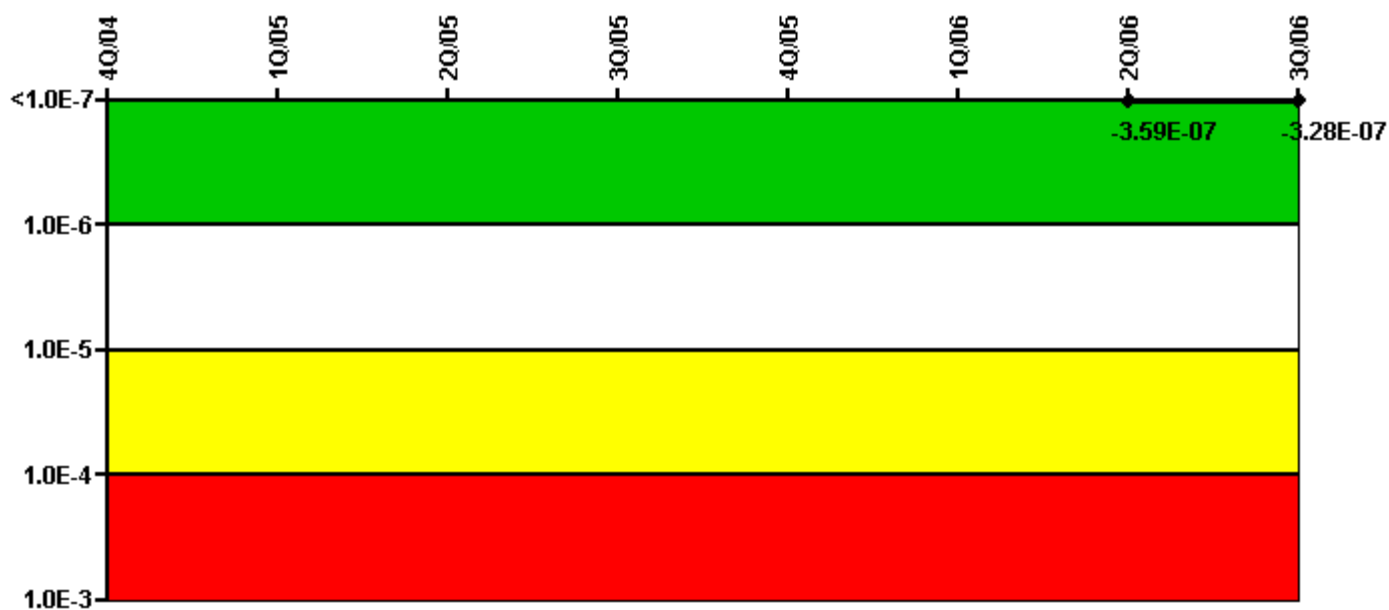
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI ( $\Delta$ CDF)							-6.10E-09	-5.90E-09
URI ( $\Delta$ CDF)							-8.70E-08	-8.30E-08
PLE							NO	NO
Indicator value							-9.31E-08	-8.89E-08

Licensee Comments: none

### Mitigating Systems Performance Index, Heat Removal System



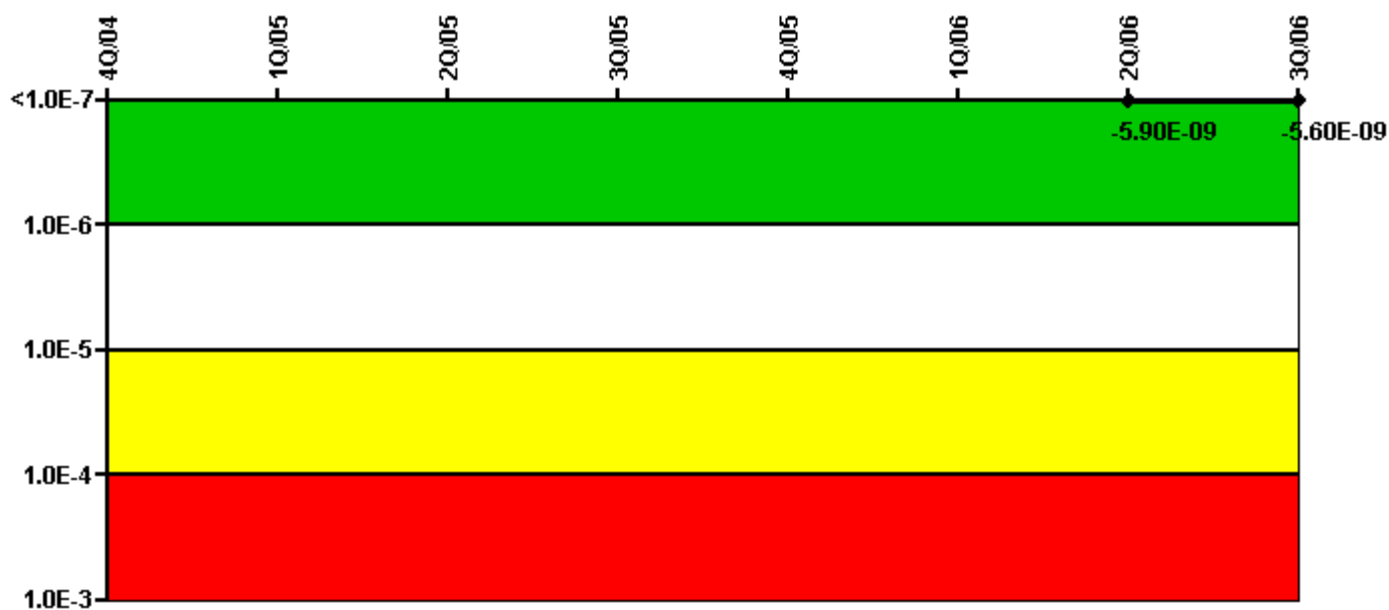
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI ( $\Delta$ CDF)							-6.90E-08	-4.80E-08
URI ( $\Delta$ CDF)							-2.90E-07	-2.80E-07
PLE							NO	NO
Indicator value							-3.59E-07	-3.28E-07

Licensee Comments: none

### Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

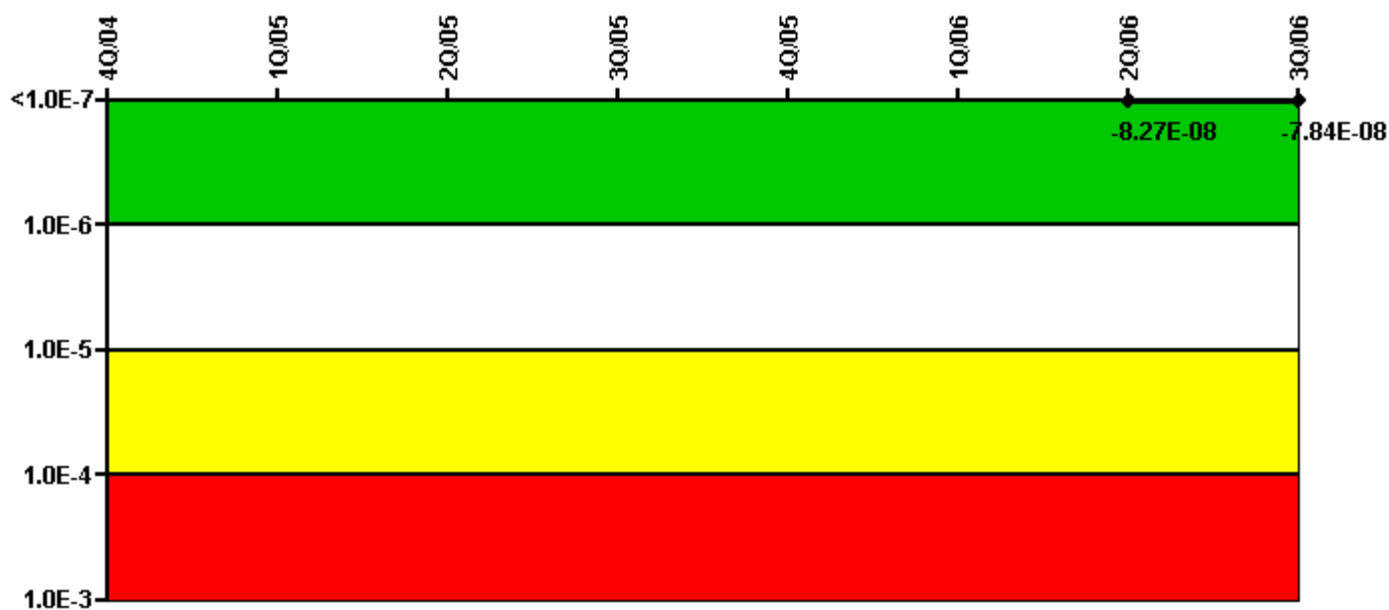
#### Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI ( $\Delta$ CDF)							-8.70E-09	-8.20E-09
URI ( $\Delta$ CDF)							2.80E-09	2.60E-09
PLE							NO	NO
Indicator value							-5.90E-09	-5.60E-09

Licensee Comments: none



### Mitigating Systems Performance Index, Cooling Water Systems



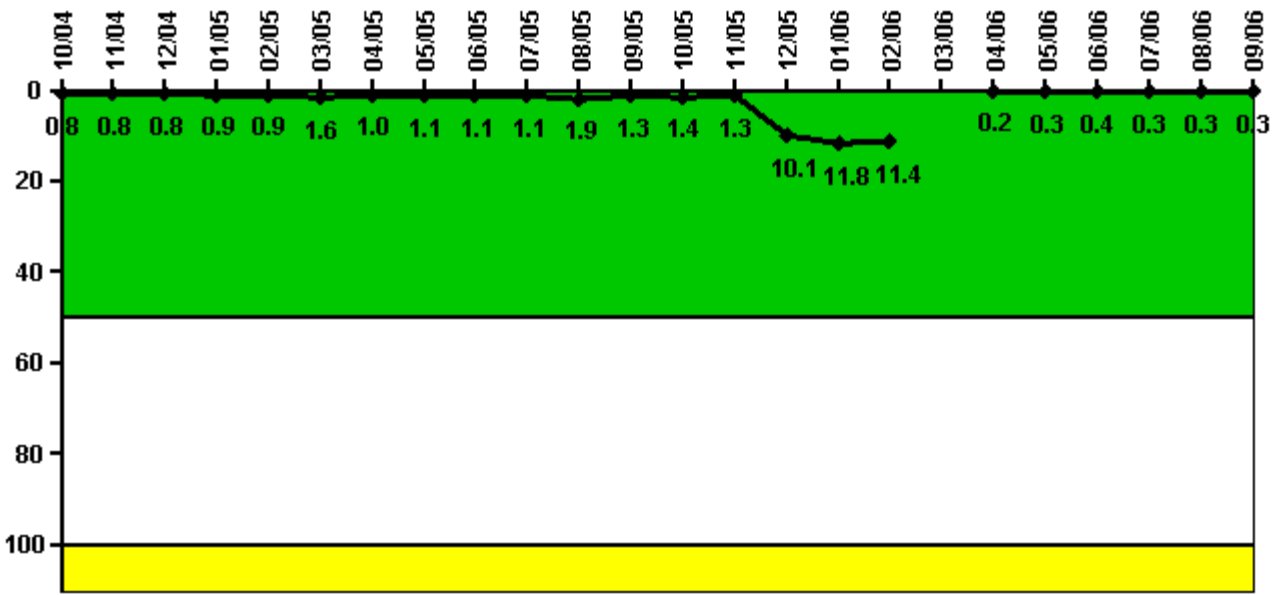
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

#### Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							2.30E-09	6.60E-09
URI (ΔCDF)							-8.50E-08	-8.50E-08
PLE							NO	NO
Indicator value							-8.27E-08	-7.84E-08

Licensee Comments: none

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

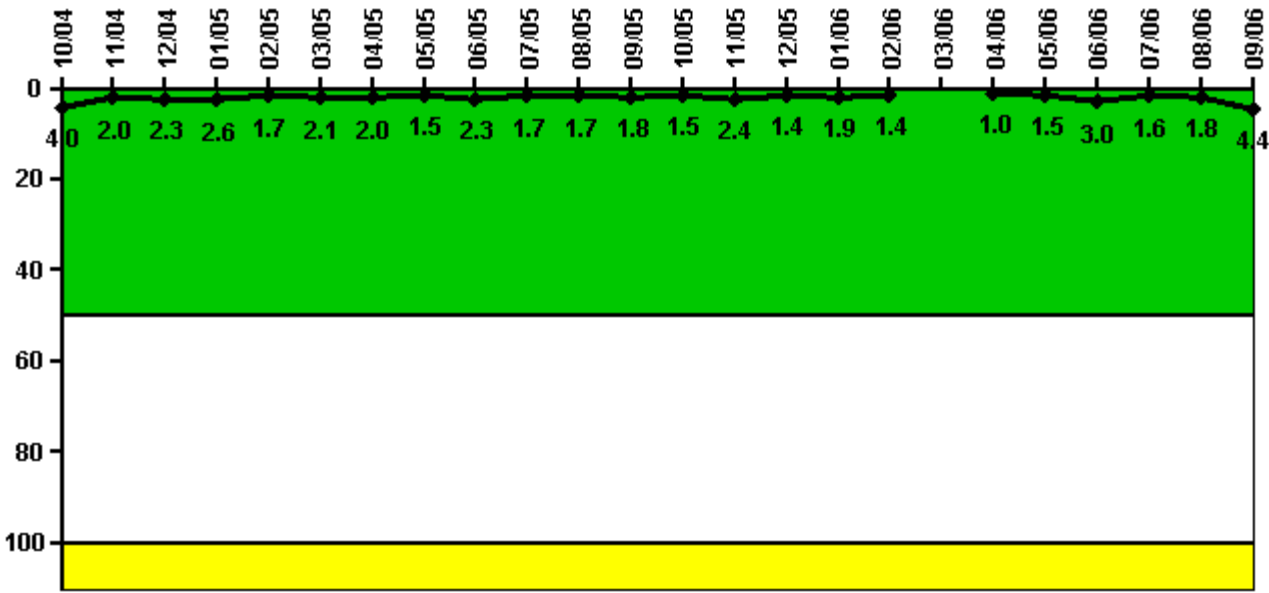
Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.008050	0.007660	0.008200	0.008740	0.009130	0.016400	0.010100	0.010800	0.010600	0.011100	0.018500	0.012800
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.8	0.8	0.8	0.9	0.9	1.6	1.0	1.1	1.1	1.1	1.9	1.3

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.013500	0.013100	0.101000	0.118000	0.114000	N/A	0.002340	0.003210	0.003550	0.003310	0.002930	0.003200
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	1.4	1.3	10.1	11.8	11.4	N/A	0.2	0.3	0.4	0.3	0.3	0.3

Licensee Comments: none

### Reactor Coolant System Leakage



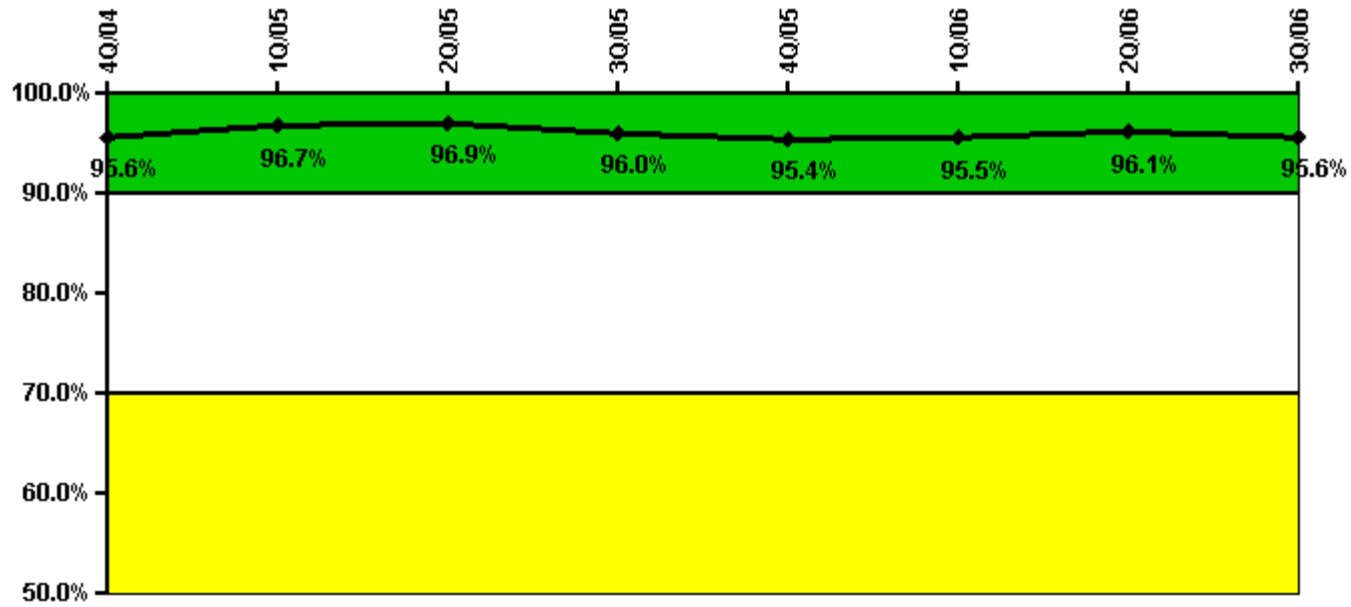
Thresholds: White > 50.0 Yellow > 100.0

**Notes**

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	0.398	0.202	0.228	0.256	0.172	0.213	0.200	0.150	0.230	0.165	0.174	0.178
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	4.0	2.0	2.3	2.6	1.7	2.1	2.0	1.5	2.3	1.7	1.7	1.8
Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.150	0.240	0.140	0.189	0.135	N/A	0.098	0.149	0.298	0.161	0.178	0.436
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	1.5	2.4	1.4	1.9	1.4	N/A	1.0	1.5	3.0	1.6	1.8	4.4

Licensee Comments: none

### Drill/Exercise Performance



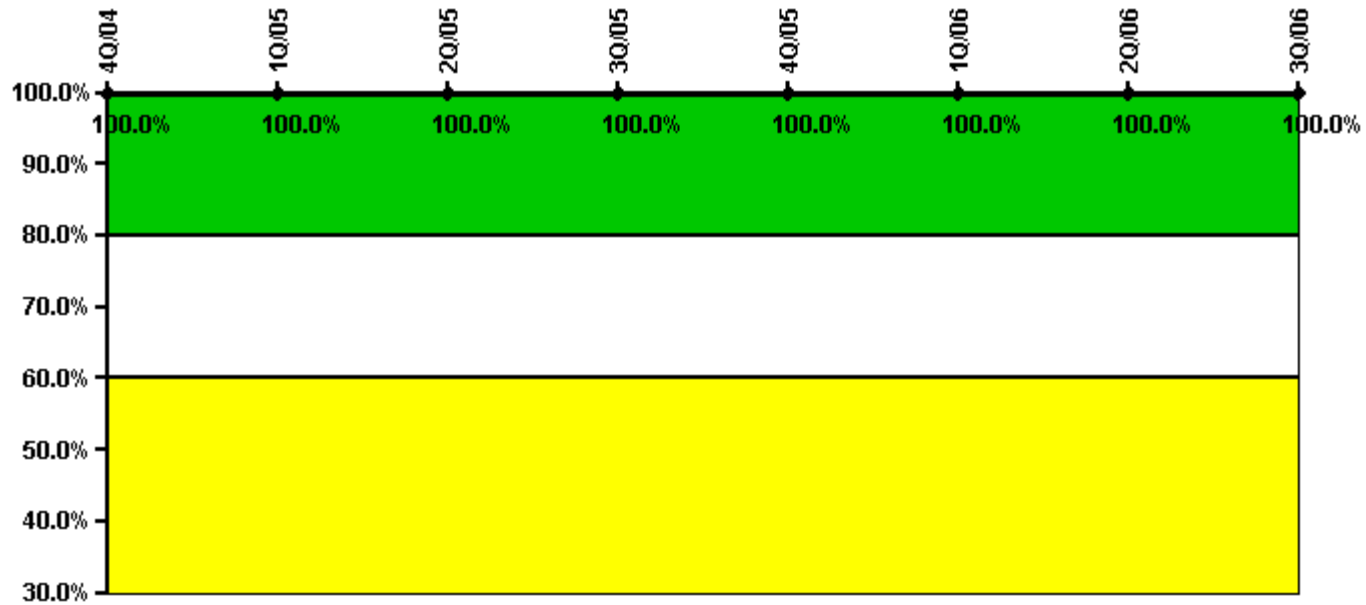
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	72.0	2.0	0	49.0	107.0	4.0	58.0	56.0
Total opportunities	75.0	2.0	0	52.0	112.0	4.0	59.0	60.0
Indicator value	95.6%	96.7%	96.9%	96.0%	95.4%	95.5%	96.1%	95.6%

Licensee Comments: none

### ERO Drill Participation



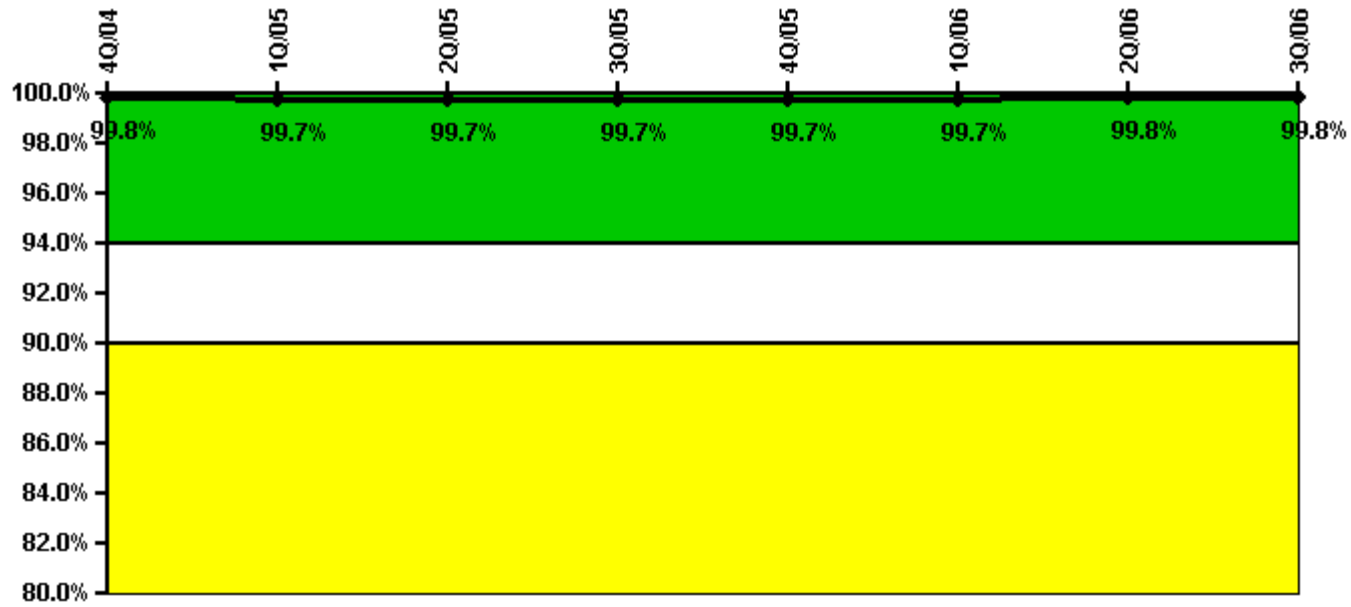
Thresholds: White < 80.0% Yellow < 60.0%

**Notes**

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	68.0	65.0	62.0	62.0	59.0	56.0	68.0	66.0
Total Key personnel	68.0	65.0	62.0	62.0	59.0	56.0	68.0	66.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

### Alert & Notification System



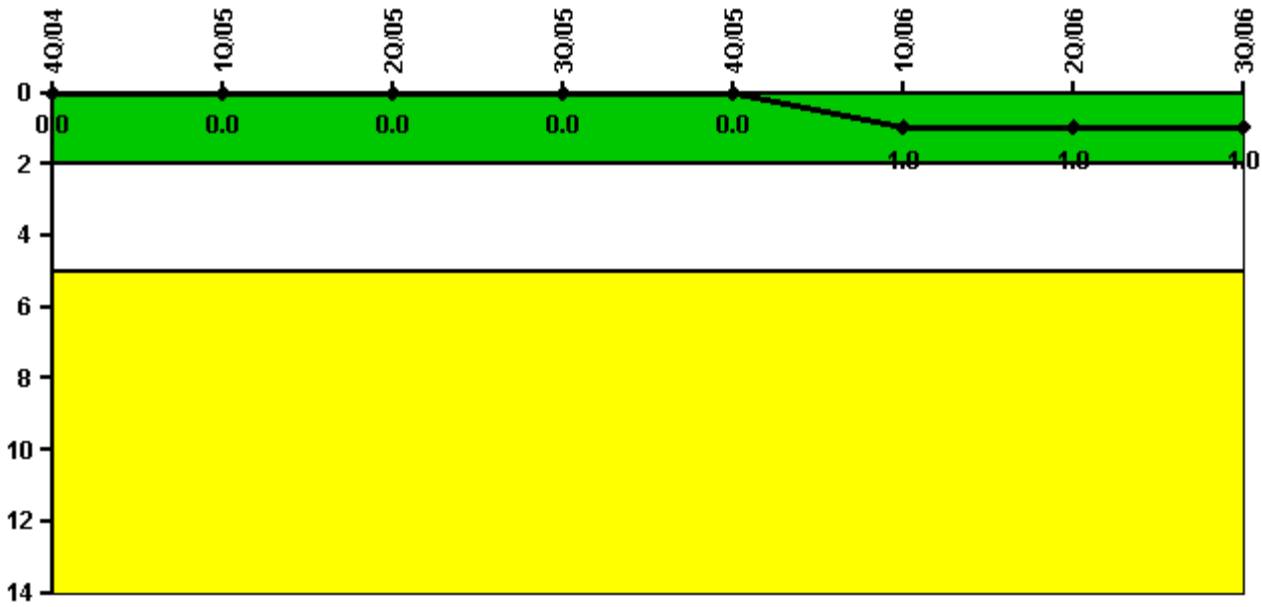
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	948	944	944	949	946	947	948	946
Total sirens-tests	949	949	949	949	949	949	949	949
Indicator value	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



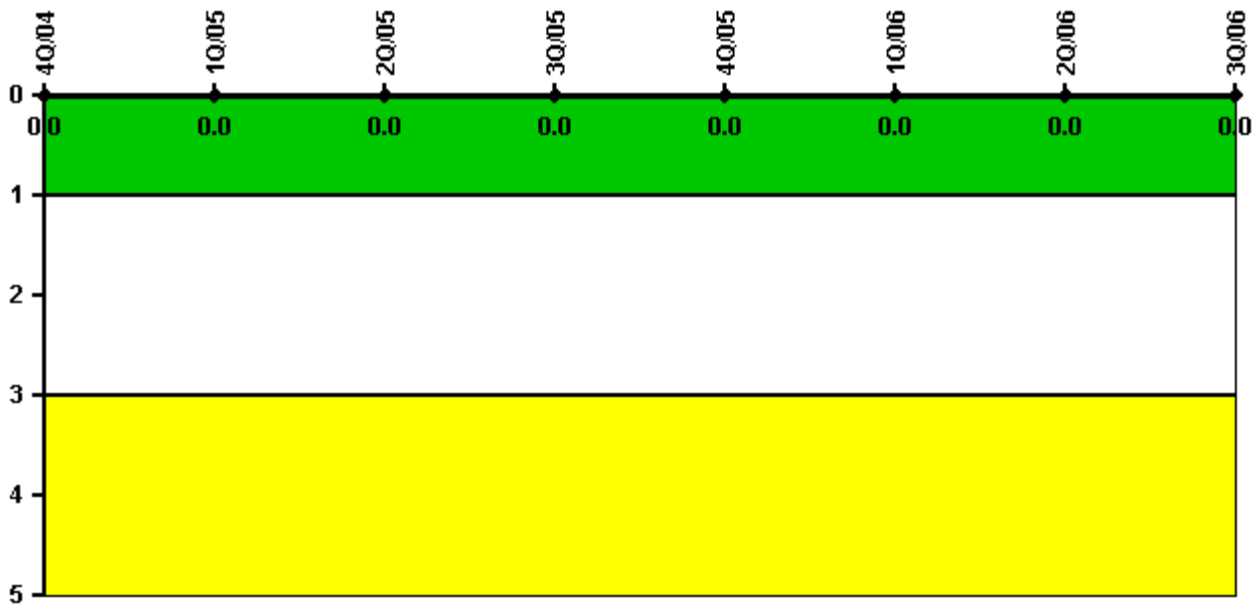
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
High radiation area occurrences	0	0	0	0	0	1	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>1</b>	<b>1</b>	<b>1</b>

Licensee Comments: none

### RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

#### Notes

RETS/ODCM Radiological Effluent	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/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.