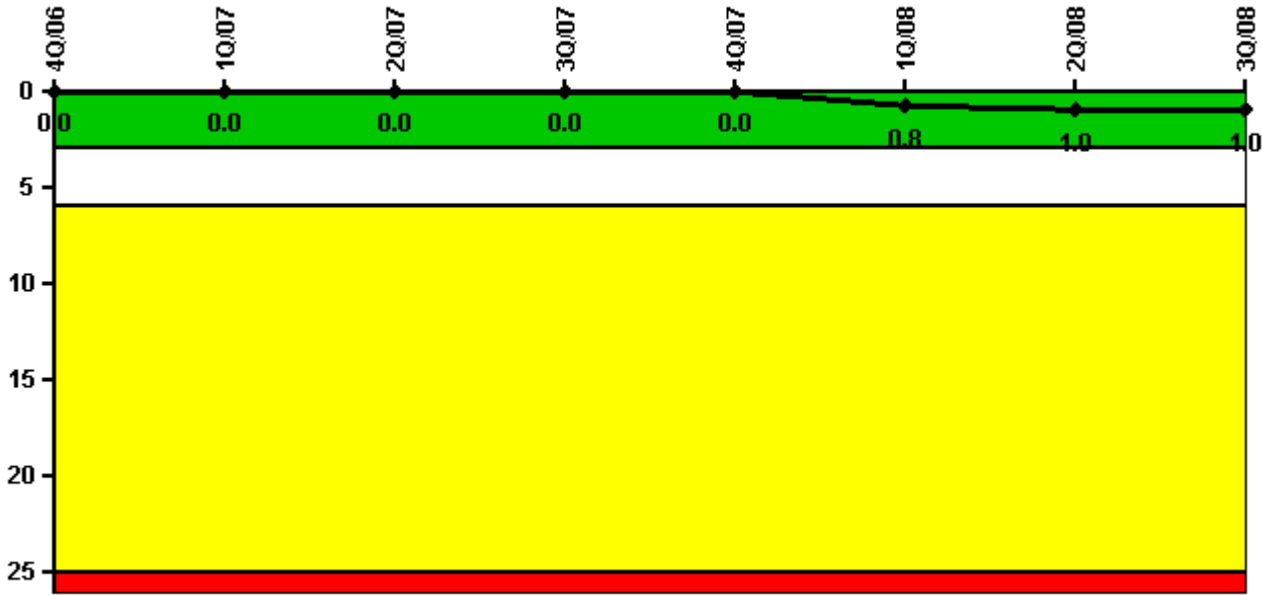


# Fort Calhoun

## 3Q/2008 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



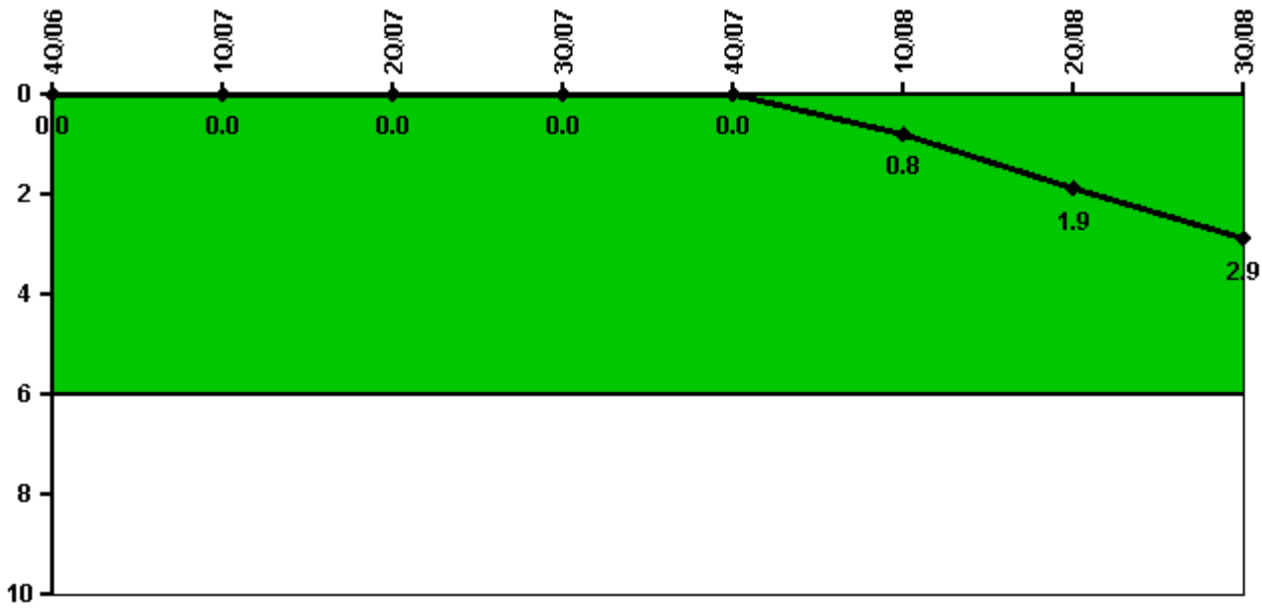
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	694.9	2159.0	2184.0	2208.0	2209.0	2008.1	798.6	2208.0
Indicator value	0	0	0	0	0	0.8	1.0	1.0

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



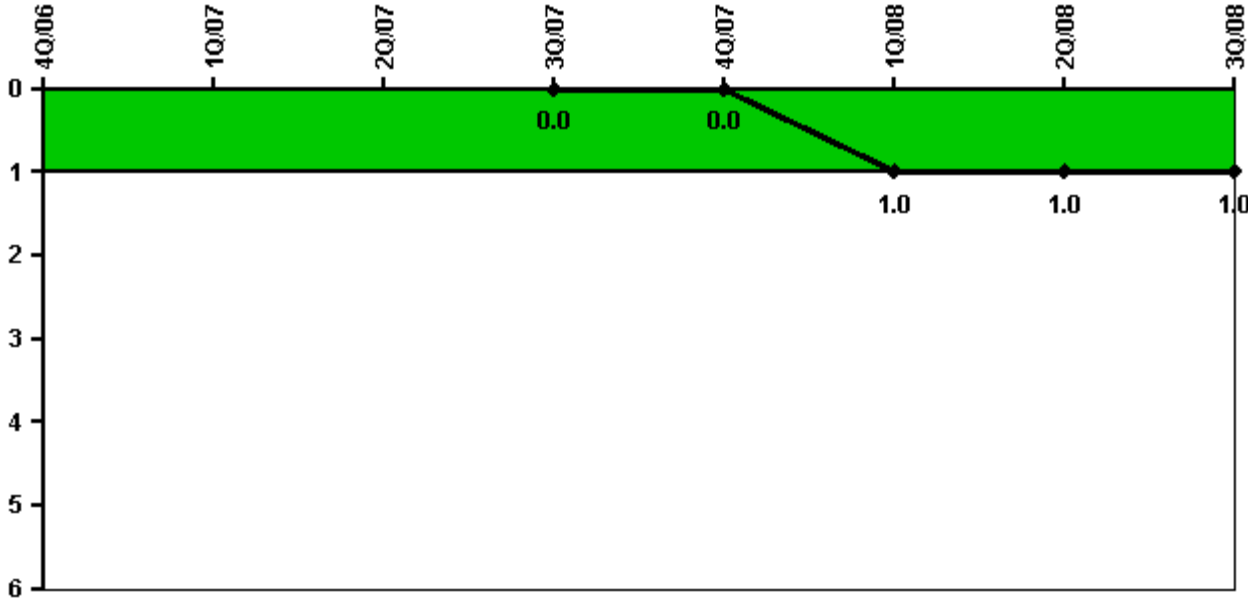
Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	0	0	0	0	0	1.0	1.0	1.0
Critical hours	694.9	2159.0	2184.0	2208.0	2209.0	2008.1	798.6	2208.0
Indicator value	0	0	0	0	0	0.8	1.9	2.9

Licensee Comments: none

# Unplanned Scrams with Complications



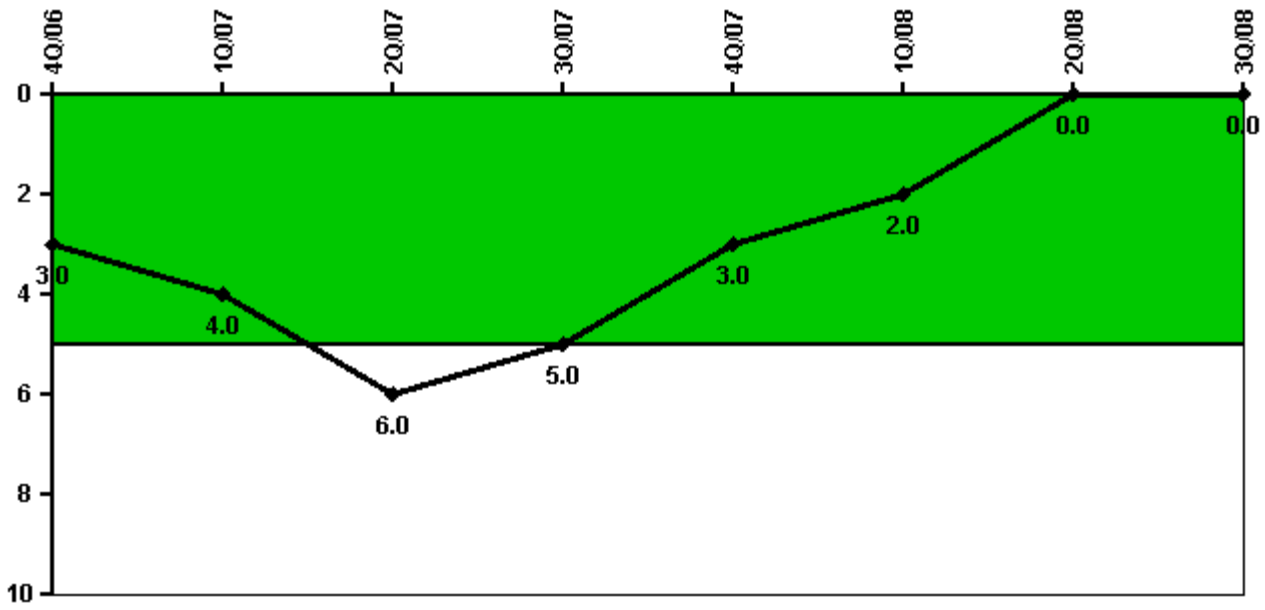
Thresholds: White > 1.0

**Notes**

Unplanned Scrams with Complications	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Scrams with complications	0	0	0	0	0	1.0	0	0
Indicator value				0.0	0.0	1.0	1.0	1.0

Licensee Comments: none

## Safety System Functional Failures (PWR)



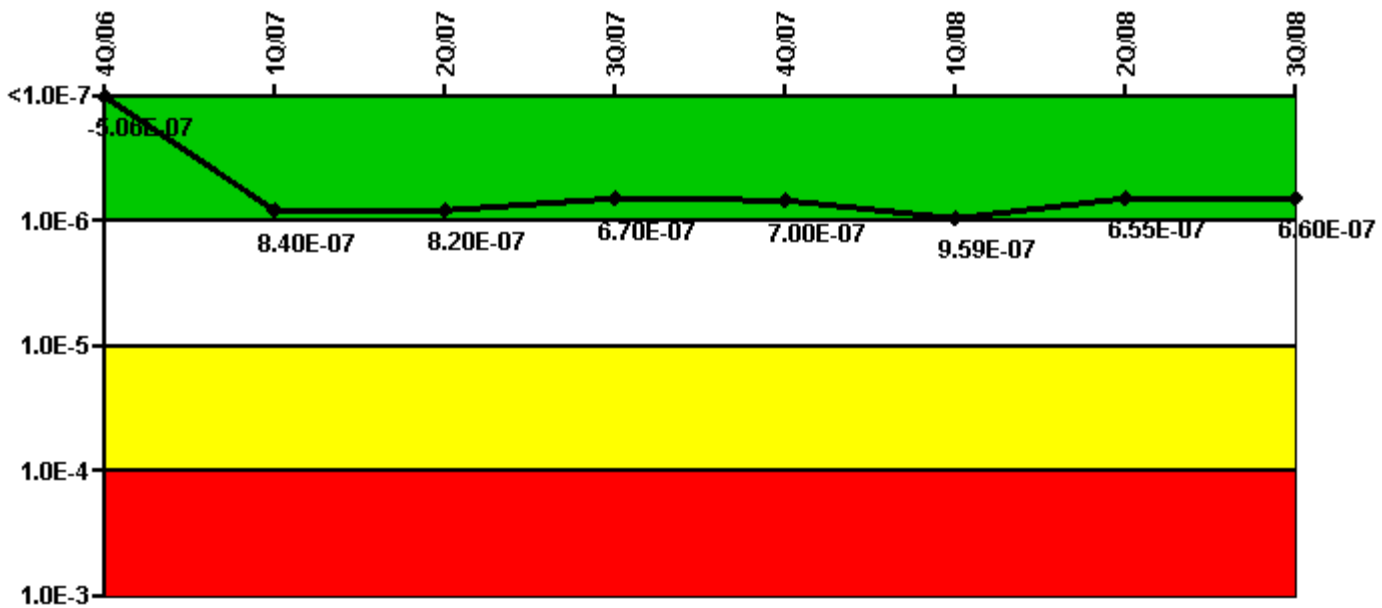
Thresholds: White > 5.0

### Notes

Safety System Functional Failures (PWR)	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Safety System Functional Failures	2	1	2	0	0	0	0	0
Indicator value	3	4	6	5	3	2	0	0

Licensee Comments: none

# Mitigating Systems Performance Index, Emergency AC Power System



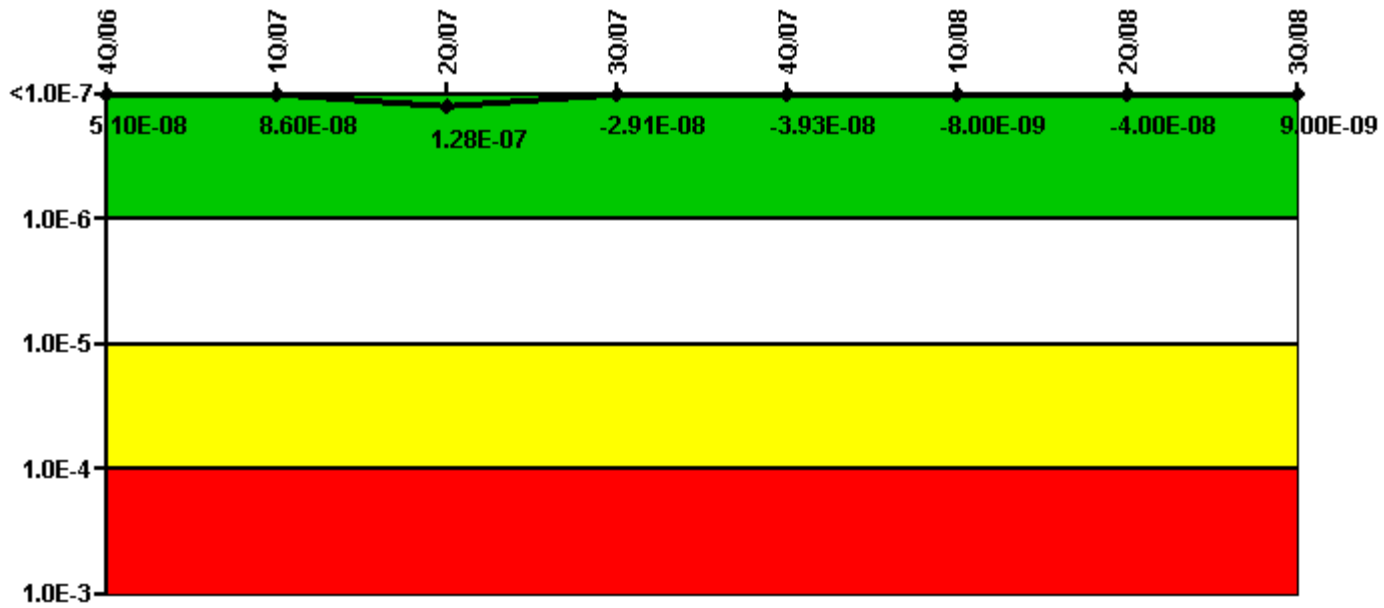
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI ( $\Delta$ CDF)	4.40E-08	1.60E-07	1.00E-07	4.40E-07	4.90E-07	9.60E-07	7.20E-07	7.40E-07
URI ( $\Delta$ CDF)	-5.50E-07	6.80E-07	7.20E-07	2.30E-07	2.10E-07	-8.70E-10	-6.50E-08	-8.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.06E-07	8.40E-07	8.20E-07	6.70E-07	7.00E-07	9.59E-07	6.55E-07	6.60E-07

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



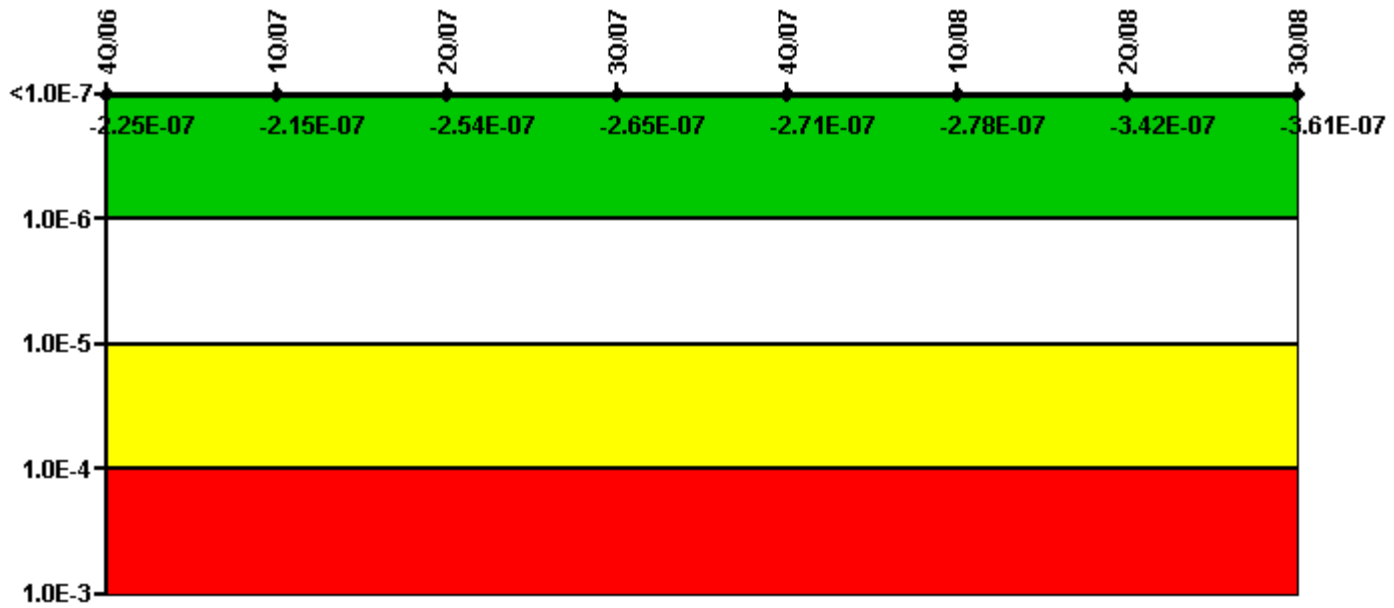
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI ( $\Delta$ CDF)	9.70E-08	1.30E-07	1.70E-07	9.90E-09	-4.30E-09	2.30E-08	2.60E-08	8.00E-08
URI ( $\Delta$ CDF)	-4.60E-08	-4.40E-08	-4.20E-08	-3.90E-08	-3.50E-08	-3.10E-08	-6.60E-08	-7.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.10E-08	8.60E-08	1.28E-07	-2.91E-08	-3.93E-08	-8.00E-09	-4.00E-08	9.00E-09

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



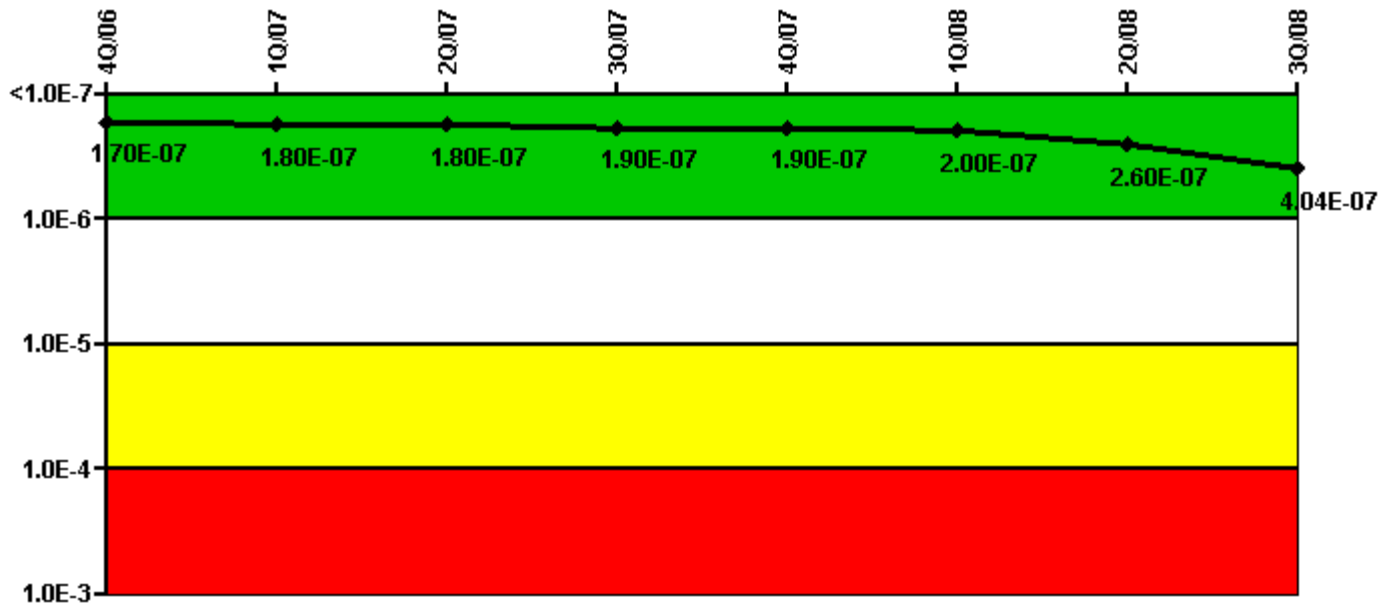
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI ( $\Delta$ CDF)	4.50E-08	5.50E-08	2.60E-08	1.50E-08	8.90E-09	2.50E-09	-1.20E-08	-3.10E-08
URI ( $\Delta$ CDF)	-2.70E-07	-2.70E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-3.30E-07	-3.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.25E-07	-2.15E-07	-2.54E-07	-2.65E-07	-2.71E-07	-2.78E-07	-3.42E-07	-3.61E-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

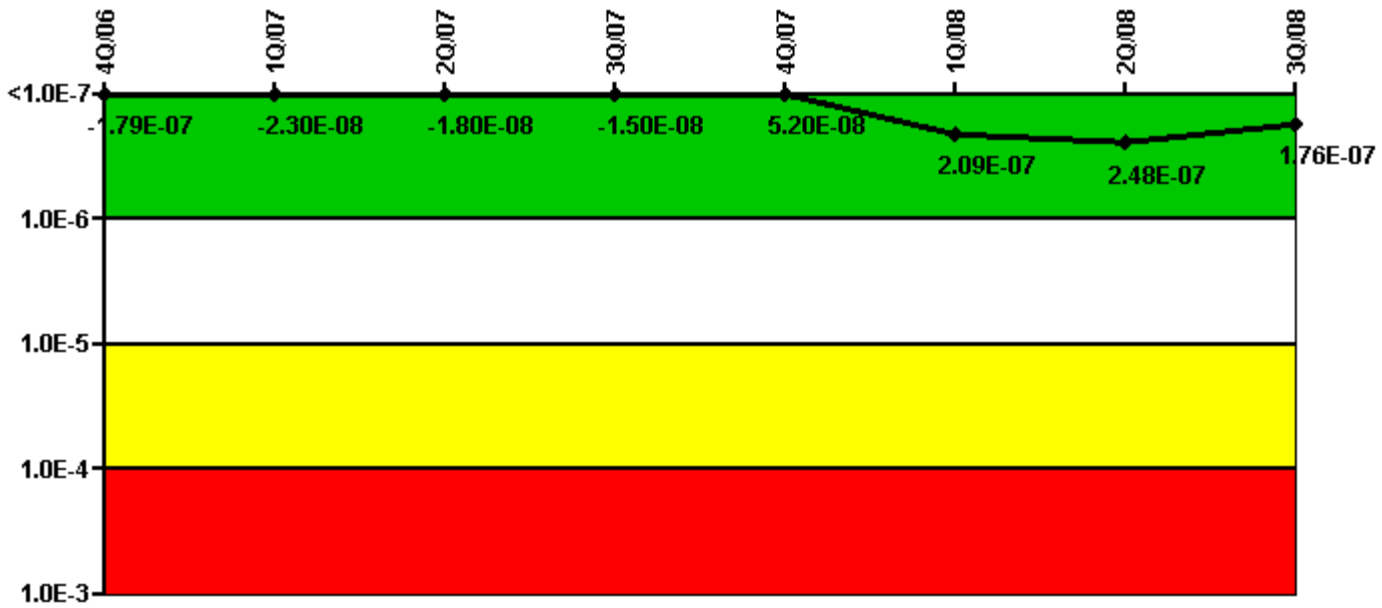
## Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI ( $\Delta$ CDF)	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.10E-07	-1.50E-07	-1.60E-08
URI ( $\Delta$ CDF)	2.80E-07	2.90E-07	2.90E-07	3.00E-07	3.00E-07	3.10E-07	4.10E-07	4.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-07	1.80E-07	1.80E-07	1.90E-07	1.90E-07	2.00E-07	2.60E-07	4.04E-07

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



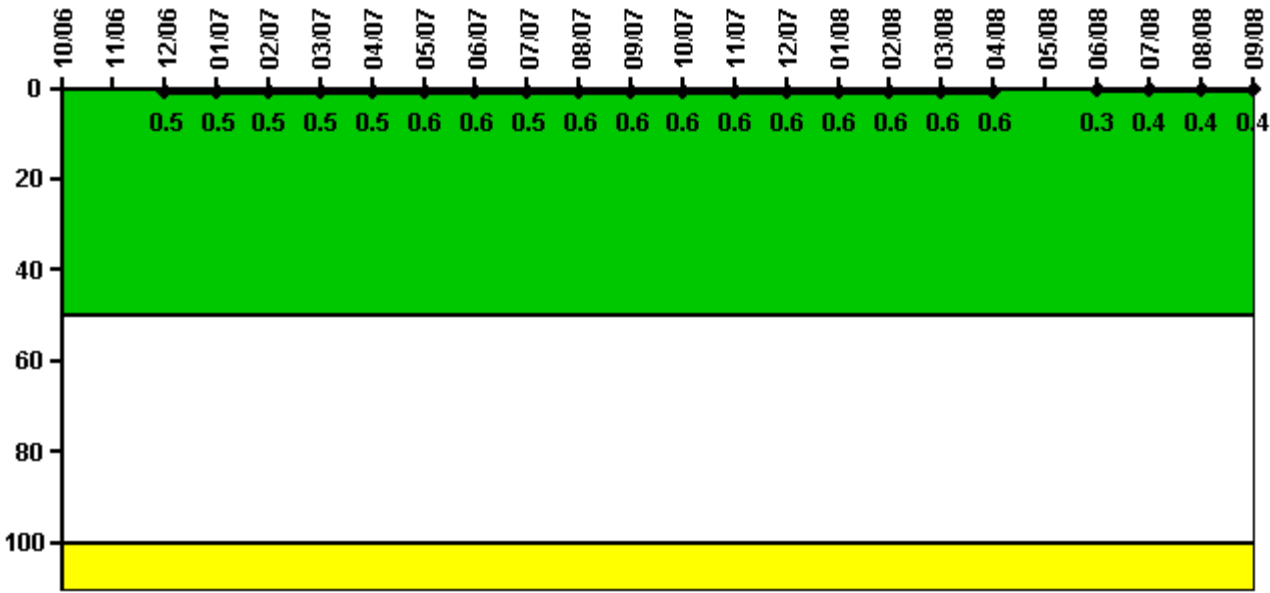
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	-2.00E-07	-1.00E-07	-9.40E-08	-9.00E-08	-4.60E-08	8.90E-08	8.80E-08	5.60E-08
URI (ΔCDF)	2.10E-08	7.70E-08	7.60E-08	7.50E-08	9.80E-08	1.20E-07	1.60E-07	1.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.79E-07	-2.30E-08	-1.80E-08	-1.50E-08	5.20E-08	2.09E-07	2.48E-07	1.76E-07

Licensee Comments: none

## Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

### Notes

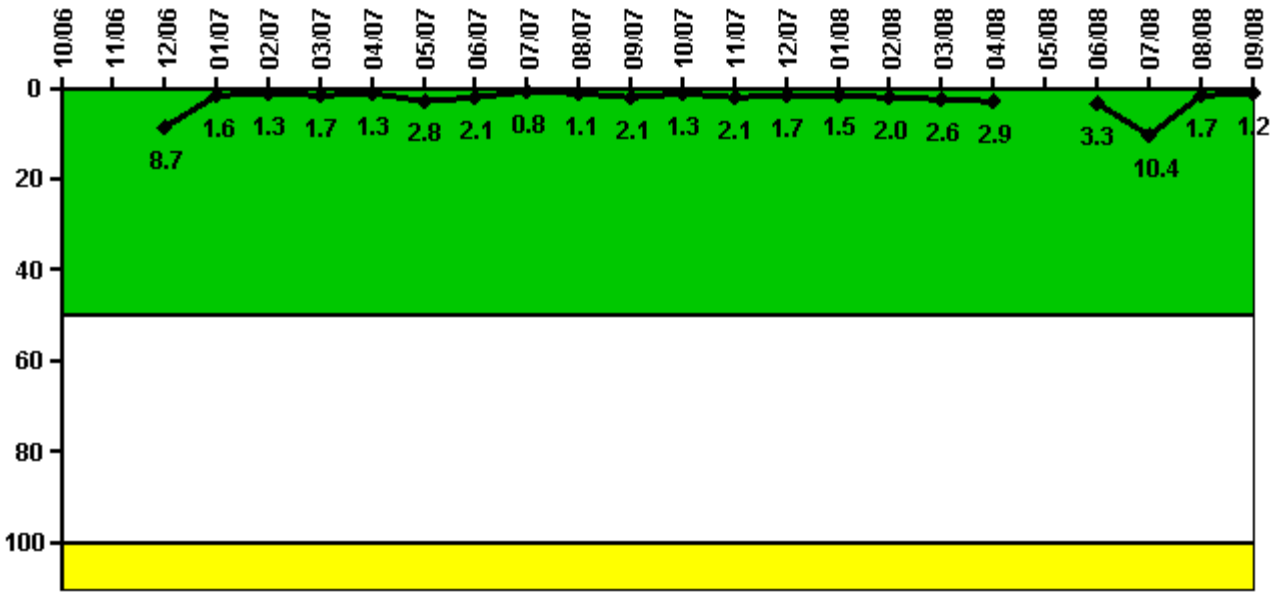
Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	N/A	N/A	0.004720	0.005150	0.005110	0.005290	0.005320	0.005560	0.005730	0.005480	0.006190	0.005910
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.6

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.005710	0.005660	0.005690	0.005870	0.006160	0.006180	0.006300	N/A	0.003210	0.003640	0.003600	0.003600
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	0.6	0.6	0.6	0.6	0.6	0.6	0.6	N/A	0.3	0.4	0.4	0.4

Licensee Comments: none

## Reactor Coolant System Leakage



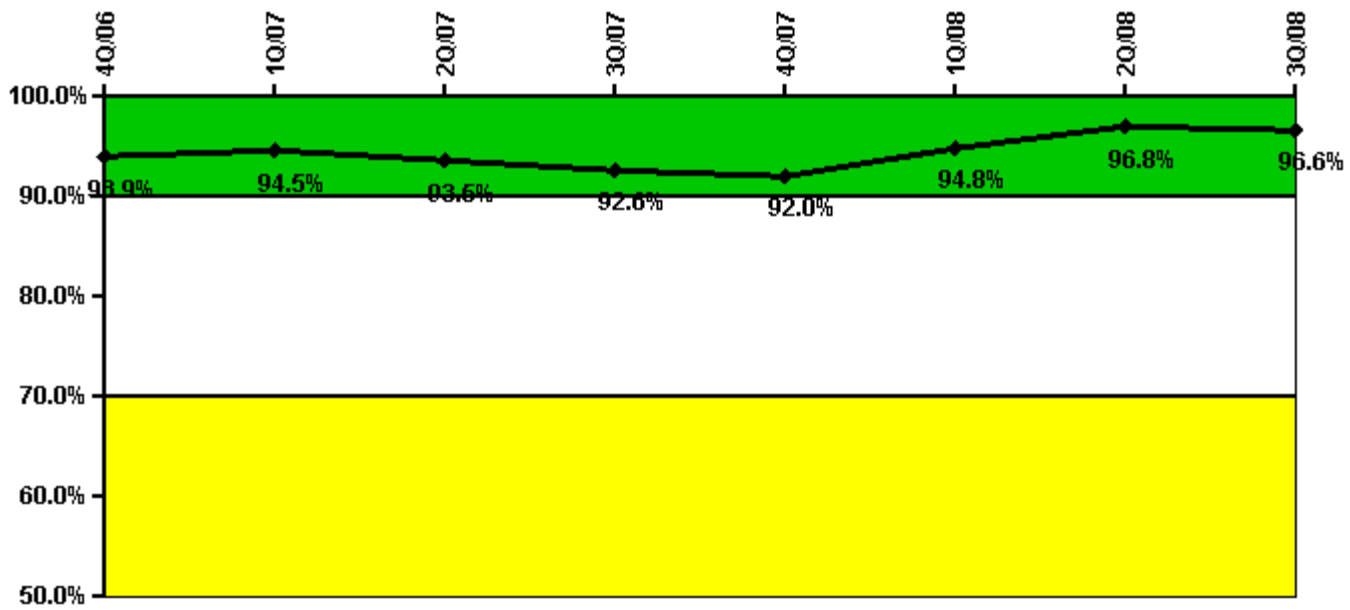
Thresholds: White > 50.0 Yellow > 100.0

### Notes

Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	N/A	N/A	0.866	0.155	0.128	0.169	0.127	0.277	0.205	0.082	0.113	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	N/A	N/A	8.7	1.6	1.3	1.7	1.3	2.8	2.1	0.8	1.1	2.1
Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	0.128	0.206	0.172	0.151	0.197	0.260	0.290	N/A	0.331	1.040	0.169	0.122
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	1.3	2.1	1.7	1.5	2.0	2.6	2.9	N/A	3.3	10.4	1.7	1.2

Licensee Comments: none

## Drill/Exercise Performance



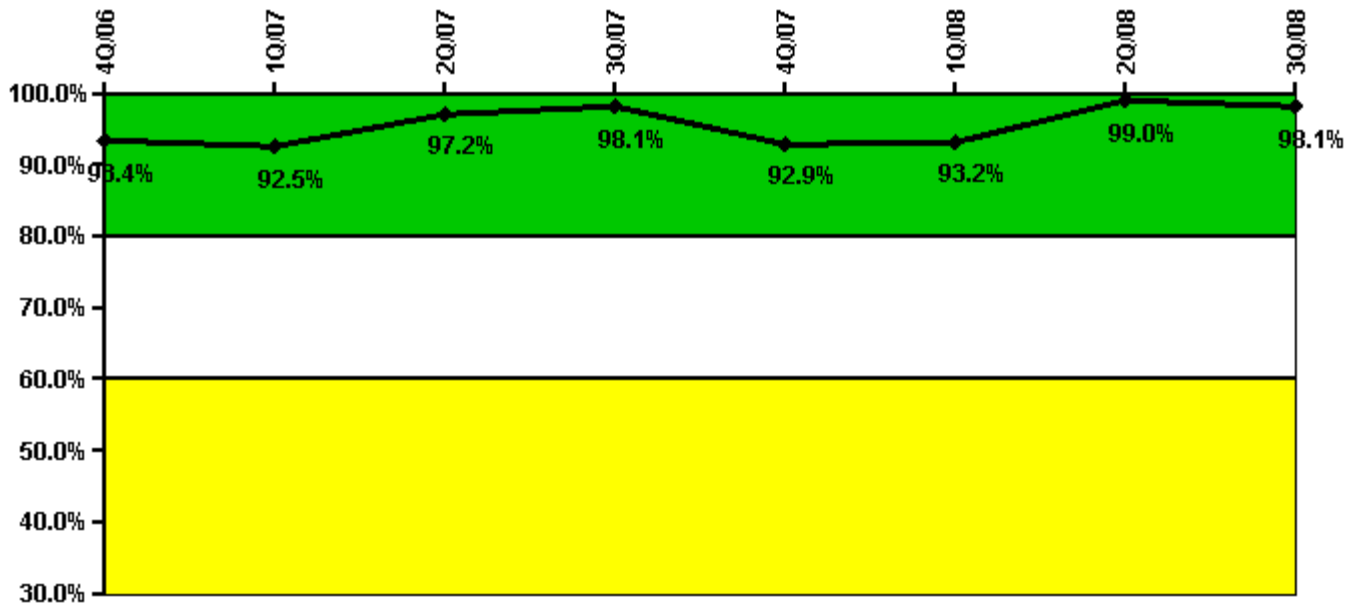
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	0	31.0	20.0	11.0	12.0	89.0	24.0	68.0
Total opportunities	0	32.0	23.0	12.0	13.0	90.0	24.0	70.0
Indicator value	93.9%	94.5%	93.5%	92.6%	92.0%	94.8%	96.8%	96.6%

Licensee Comments: none

## ERO Drill Participation



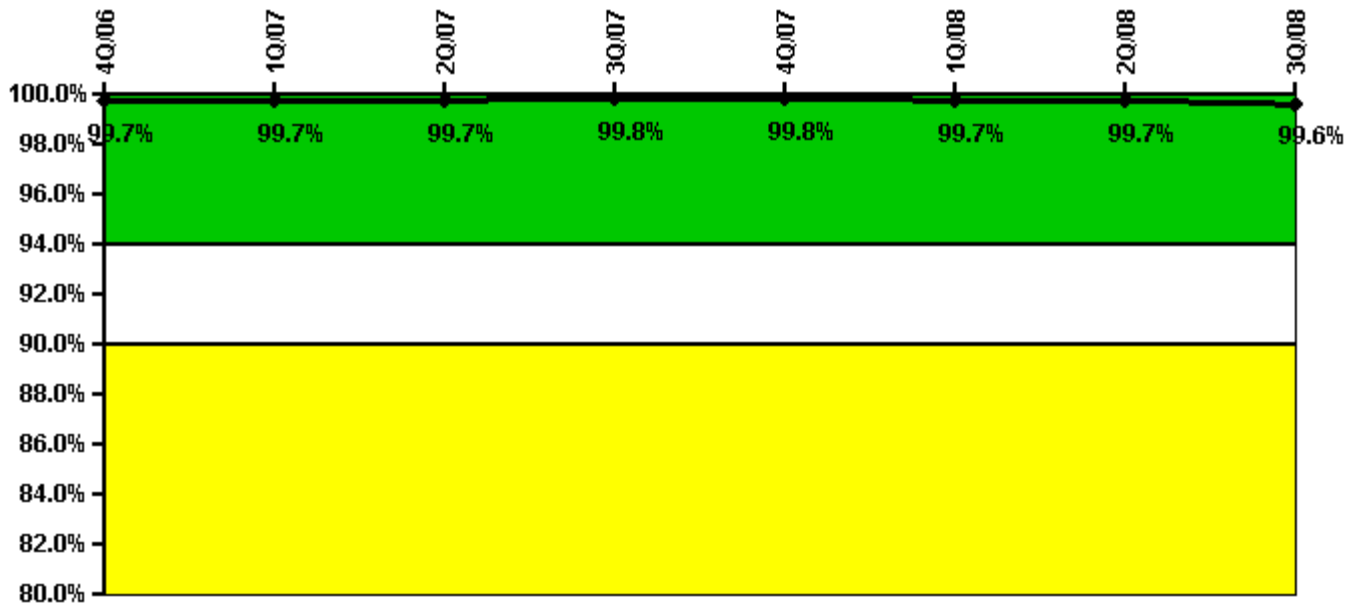
Thresholds: White < 80.0% Yellow < 60.0%

### Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	99.0	99.0	106.0	102.0	91.0	96.0	102.0	104.0
Total Key personnel	106.0	107.0	109.0	104.0	98.0	103.0	103.0	106.0
Indicator value	93.4%	92.5%	97.2%	98.1%	92.9%	93.2%	99.0%	98.1%

Licensee Comments: none

## Alert & Notification System



**Thresholds:** White < 94.0% Yellow < 90.0%

### Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	706	807	706	906	806	704	805	804
Total sirens-tests	707	808	707	909	808	707	808	808
Indicator value	99.7%	99.7%	99.7%	99.8%	99.8%	99.7%	99.7%	99.6%

Licensee Comments: none

# Occupational Exposure Control Effectiveness



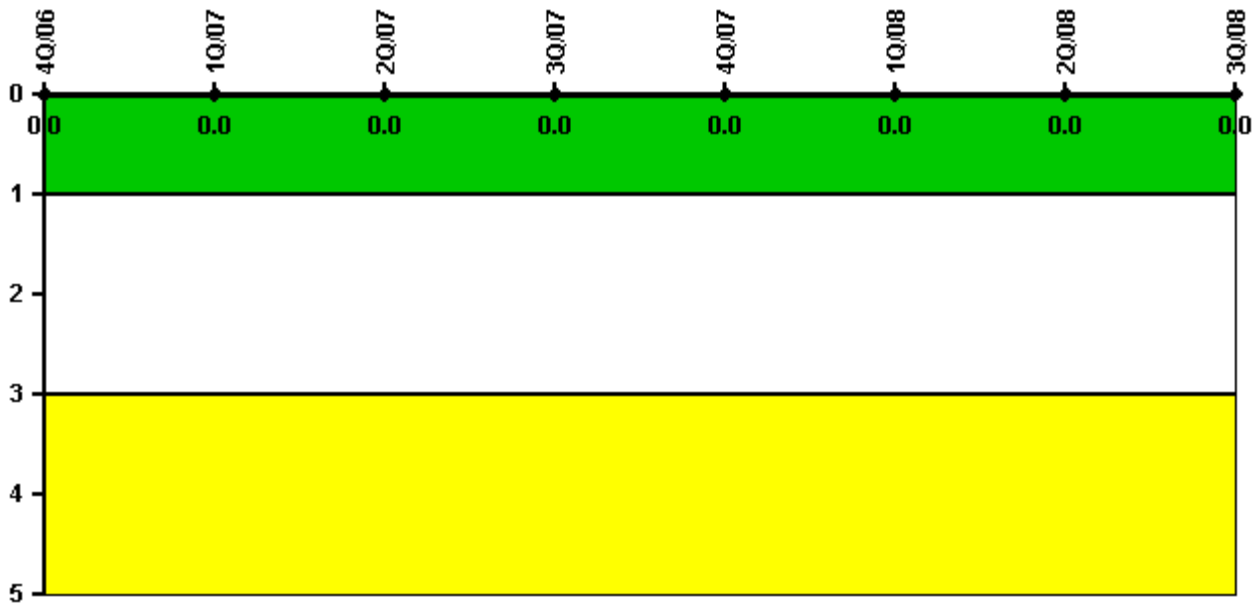
Thresholds: White > 2.0 Yellow > 5.0

## Notes

Occupational Exposure Control Effectiveness	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
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/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Security information not publicly available.