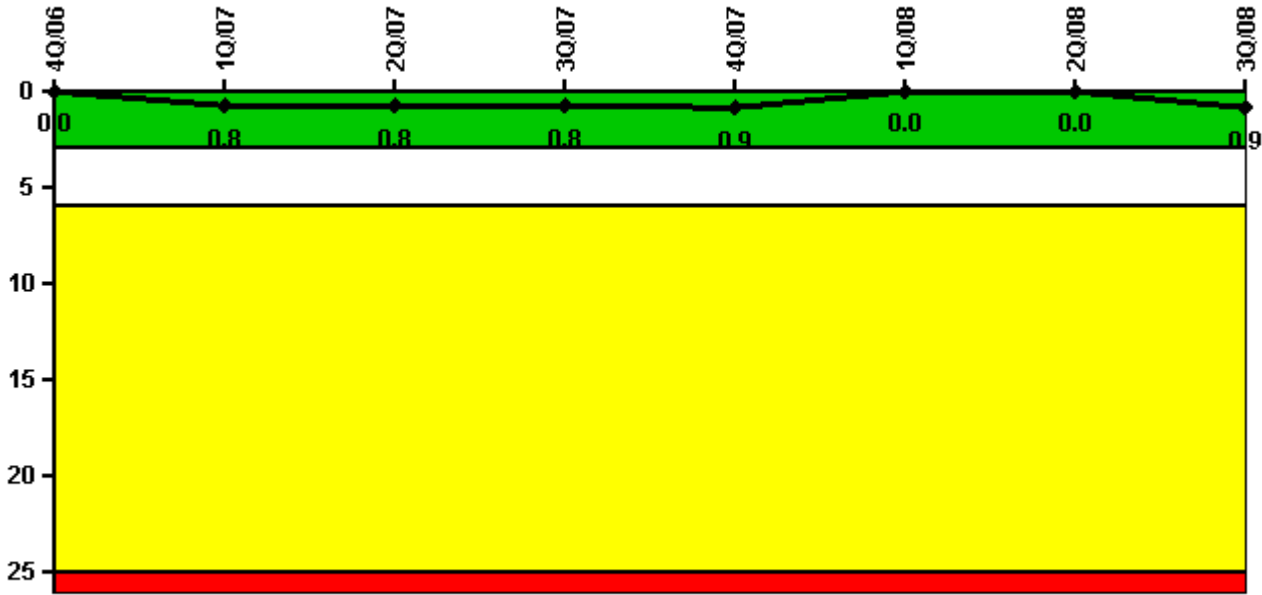


# Crystal River 3

## 3Q/2008 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



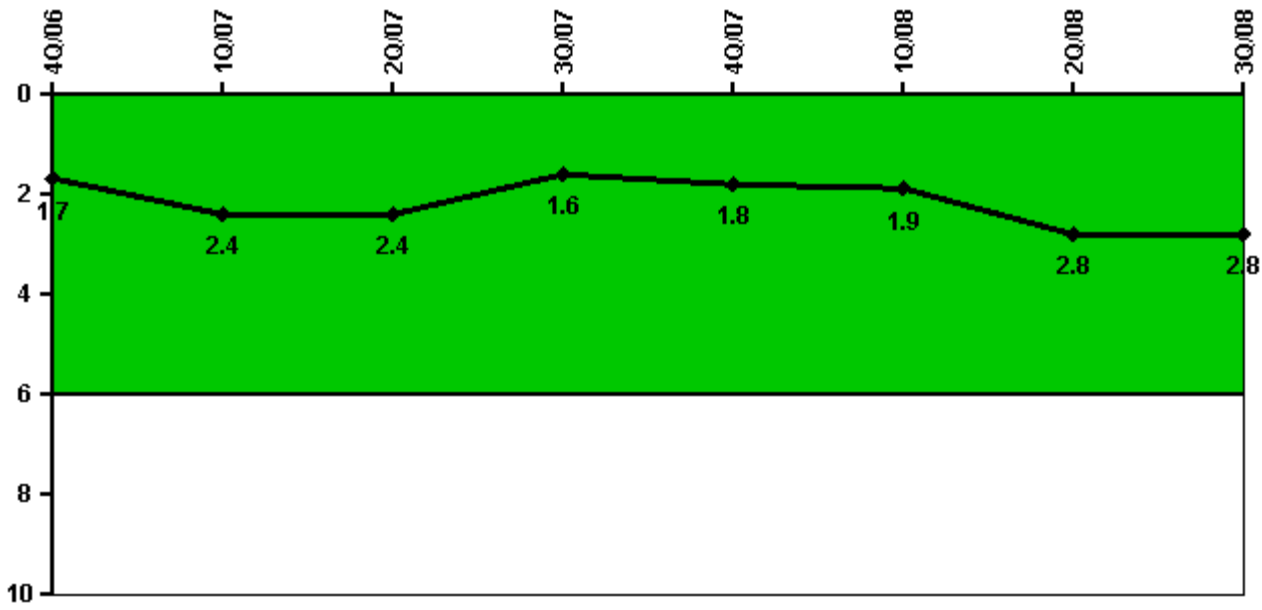
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### 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	1.0	0	0	0	0	0	1.0
Critical hours	2209.0	2127.9	2184.0	2208.0	1423.8	1717.7	2184.0	2122.6
Indicator value	0	0.8	0.8	0.8	0.9	0	0	0.9

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



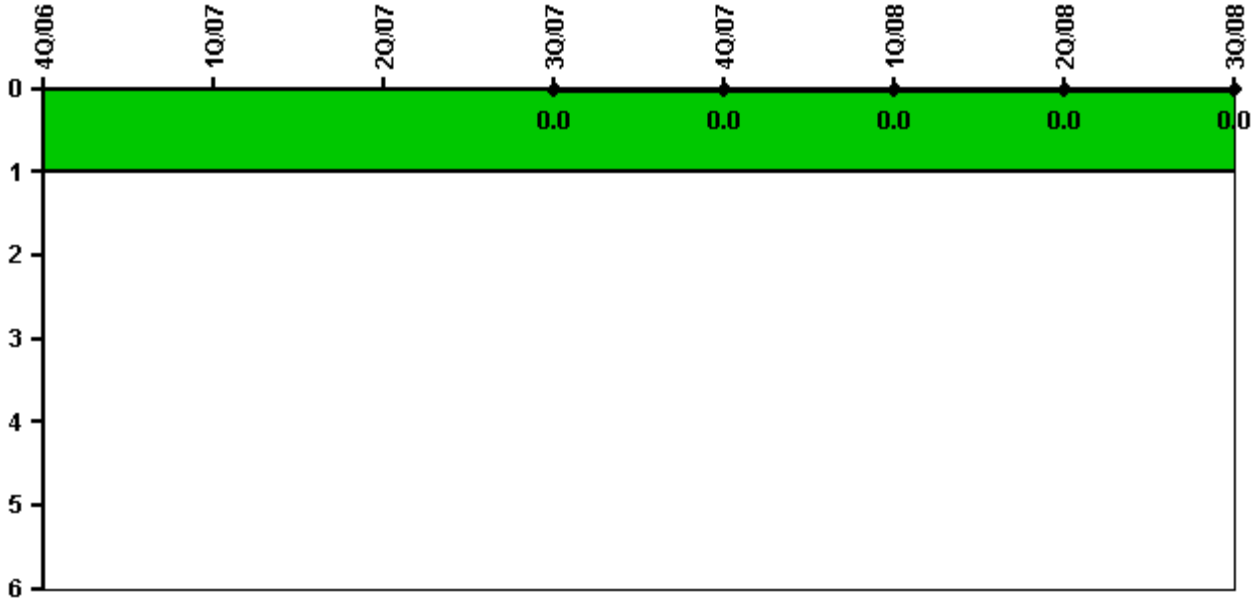
Thresholds: White > 6.0

### 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	1.0	1.0	0	0	1.0	1.0	1.0	0
Critical hours	2209.0	2127.9	2184.0	2208.0	1423.8	1717.7	2184.0	2122.6
Indicator value	1.7	2.4	2.4	1.6	1.8	1.9	2.8	2.8

Licensee Comments: none

# Unplanned Scrams with Complications



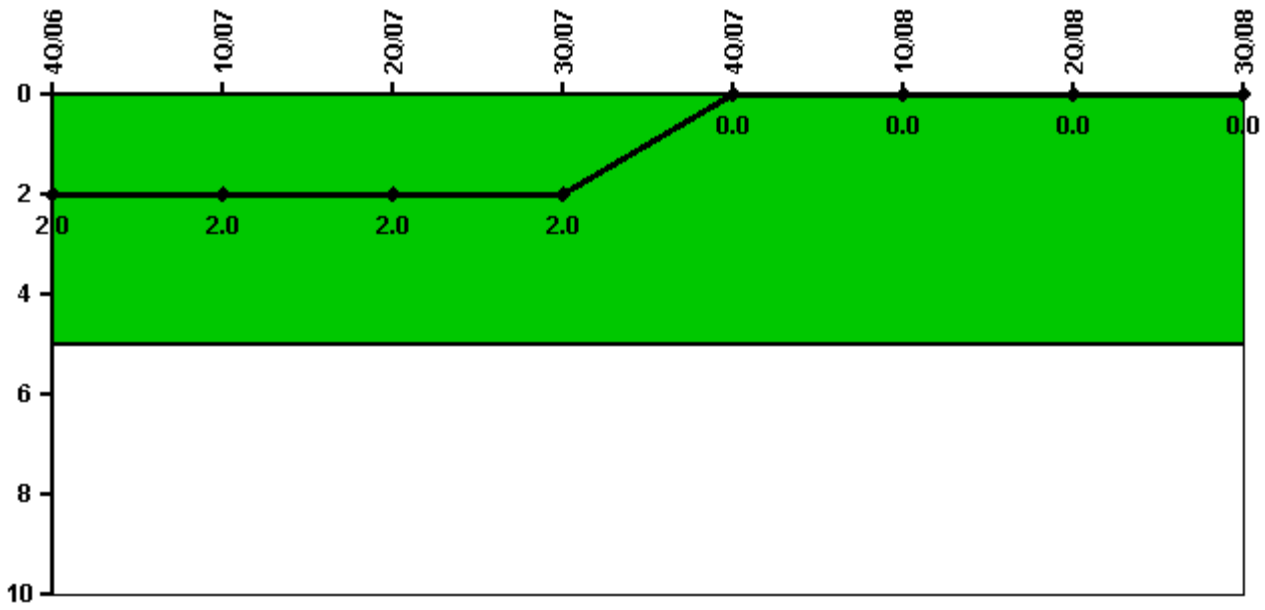
Thresholds: White > 1.0

**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	0	0	0
Indicator value				0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

## Safety System Functional Failures (PWR)



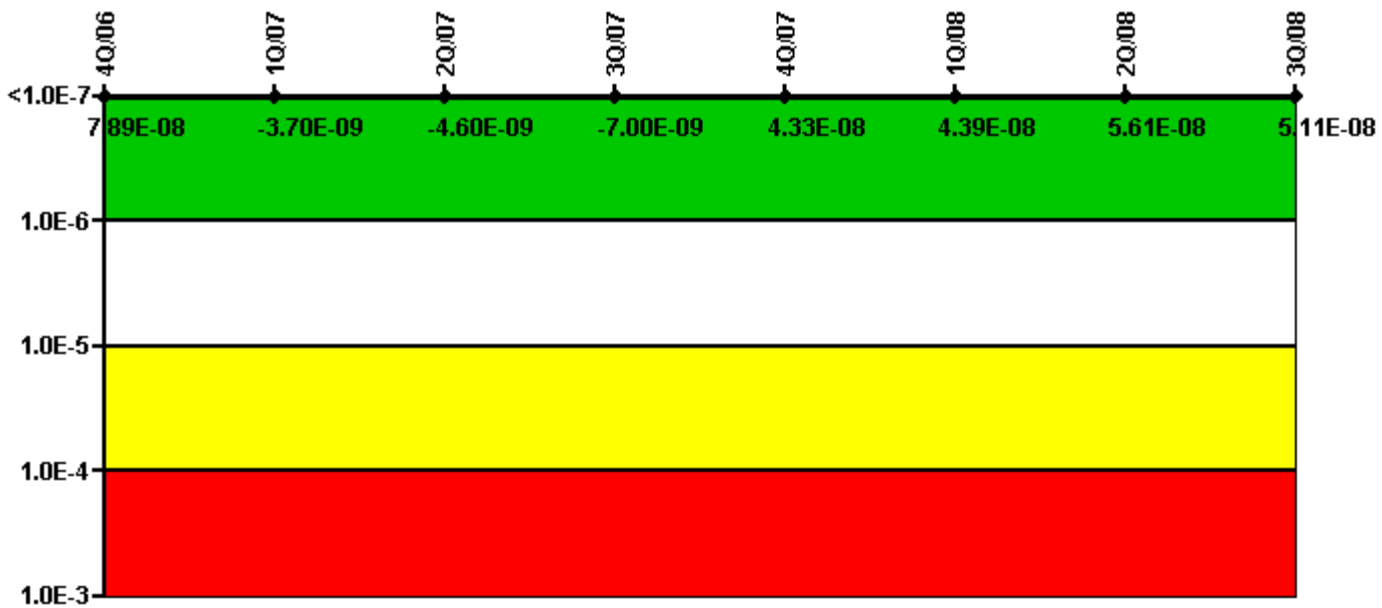
Thresholds: White > 5.0

### 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	0	0	0	0	0	0	0
Indicator value	2	2	2	2	0	0	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

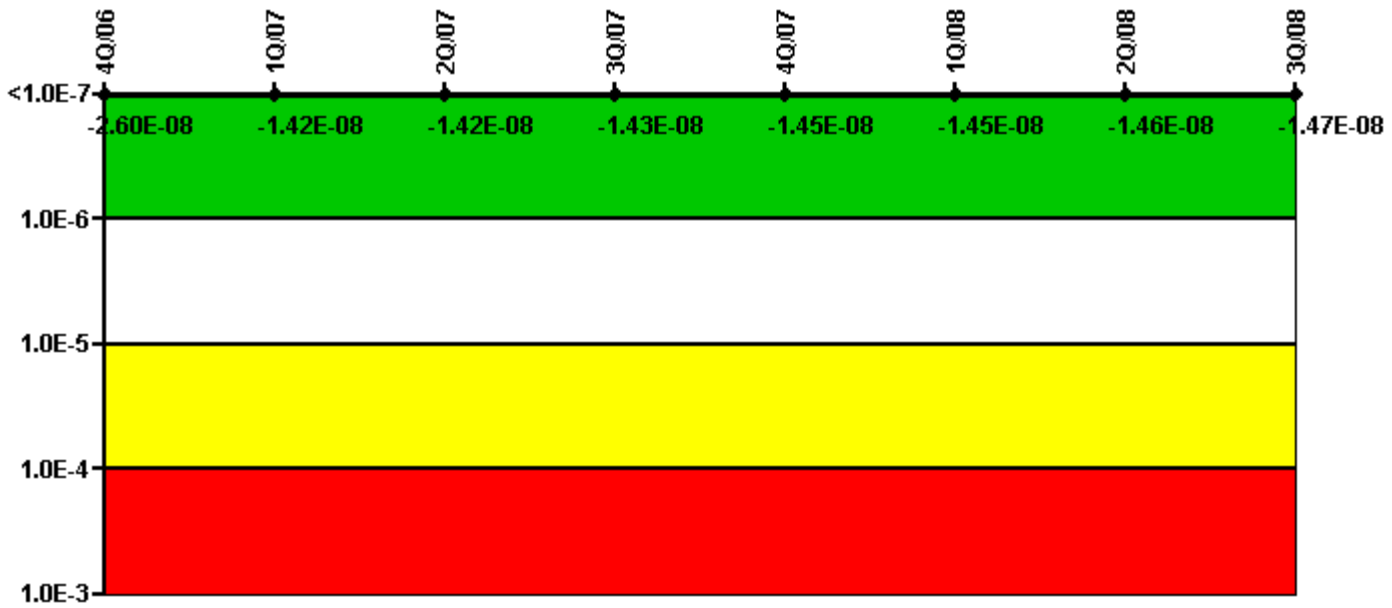
## Notes

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)	7.90E-08	-1.50E-09	-2.40E-09	-4.80E-09	-4.70E-09	-4.10E-09	8.10E-09	3.10E-09
URI ( $\Delta$ CDF)	-1.00E-10	-2.20E-09	-2.20E-09	-2.20E-09	4.80E-08	4.80E-08	4.80E-08	4.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.89E-08	-3.70E-09	-4.60E-09	-7.00E-09	4.33E-08	4.39E-08	5.61E-08	5.11E-08

Licensee Comments:

3Q/08: Emergency AC Train A planned unavailability for June 2008 is revised from a value 2.39 hours to 2.87 hours and Train B unavailability for June 2008 is revised from a value of 2.17 hours to 2.60 hours resulting from an internal review. These changes do not result in a threshold color change.

# Mitigating Systems Performance Index, High Pressure Injection System



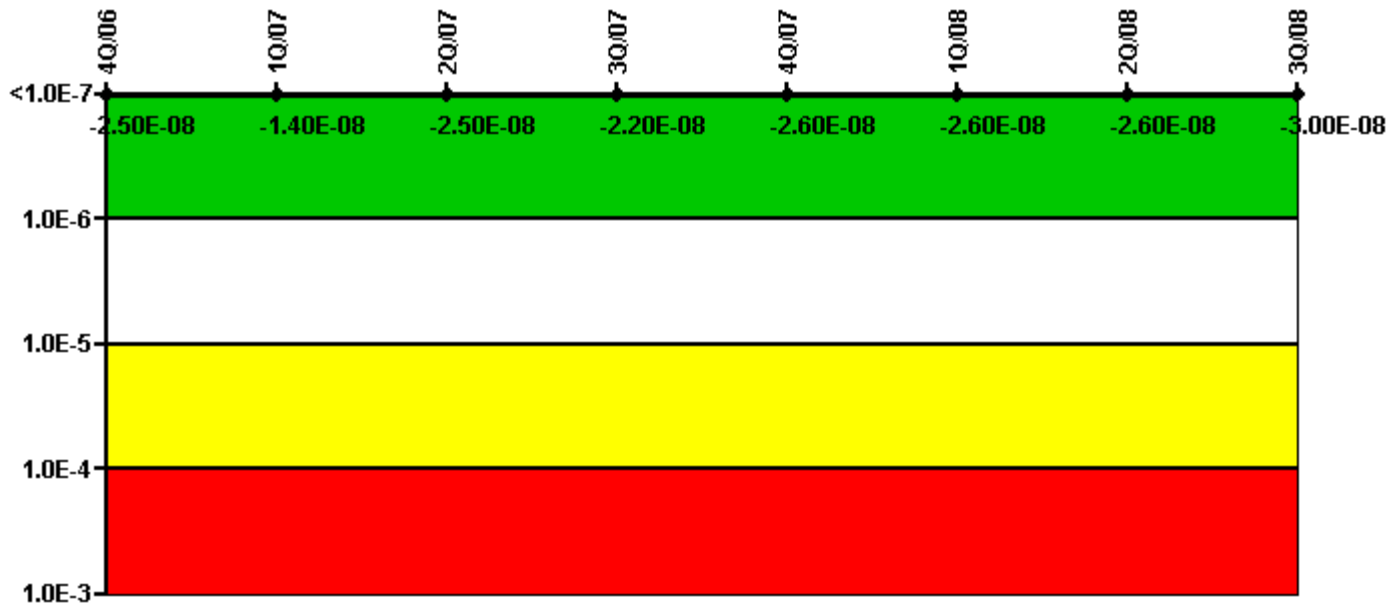
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## 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)	-1.20E-08	-4.80E-09	-4.80E-09	-4.80E-09	-4.90E-09	-4.90E-09	-4.90E-09	-4.90E-09
URI ( $\Delta$ CDF)	-1.40E-08	-9.40E-09	-9.40E-09	-9.50E-09	-9.60E-09	-9.60E-09	-9.70E-09	-9.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.60E-08	-1.42E-08	-1.42E-08	-1.43E-08	-1.45E-08	-1.45E-08	-1.46E-08	-1.47E-08

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



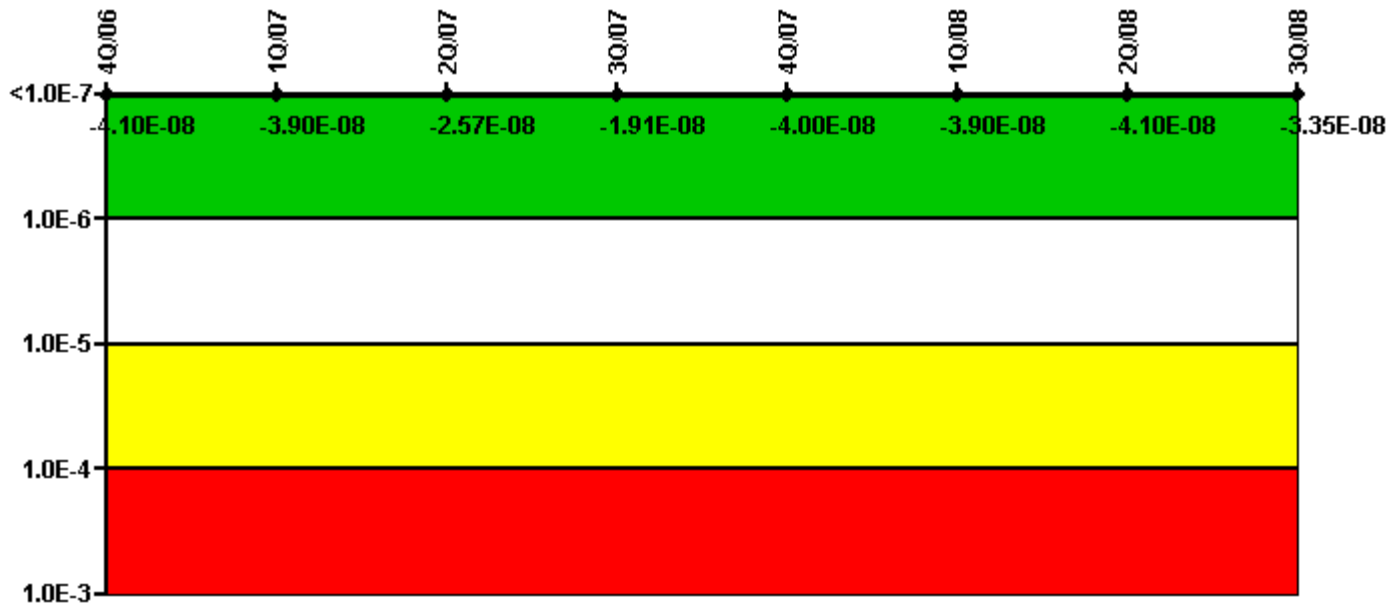
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI ( $\Delta$ CDF)	3.40E-08	3.30E-08	2.30E-08	2.60E-08	2.20E-08	2.40E-08	2.40E-08	2.00E-08
URI ( $\Delta$ CDF)	-5.90E-08	-4.70E-08	-4.80E-08	-4.80E-08	-4.80E-08	-5.00E-08	-5.00E-08	-5.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.50E-08	-1.40E-08	-2.50E-08	-2.20E-08	-2.60E-08	-2.60E-08	-2.60E-08	-3.00E-08

Licensee Comments: none

# Mitigating Systems Performance Index, Residual Heat Removal System



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

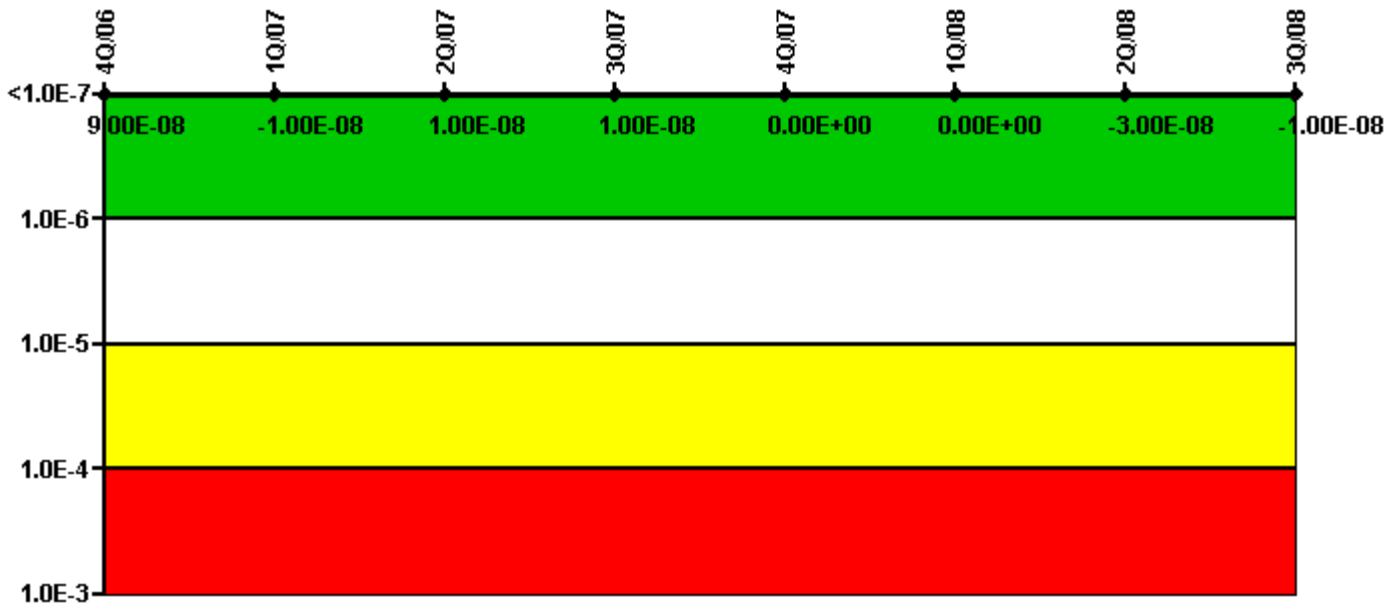
## Notes

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)	-1.60E-08	-1.40E-08	-6.90E-10	6.90E-09	-1.40E-08	-1.20E-08	-1.40E-08	-6.50E-09
URI ( $\Delta$ CDF)	-2.50E-08	-2.50E-08	-2.50E-08	-2.60E-08	-2.60E-08	-2.70E-08	-2.70E-08	-2.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.10E-08	-3.90E-08	-2.57E-08	-1.91E-08	-4.00E-08	-3.90E-08	-4.10E-08	-3.35E-08

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



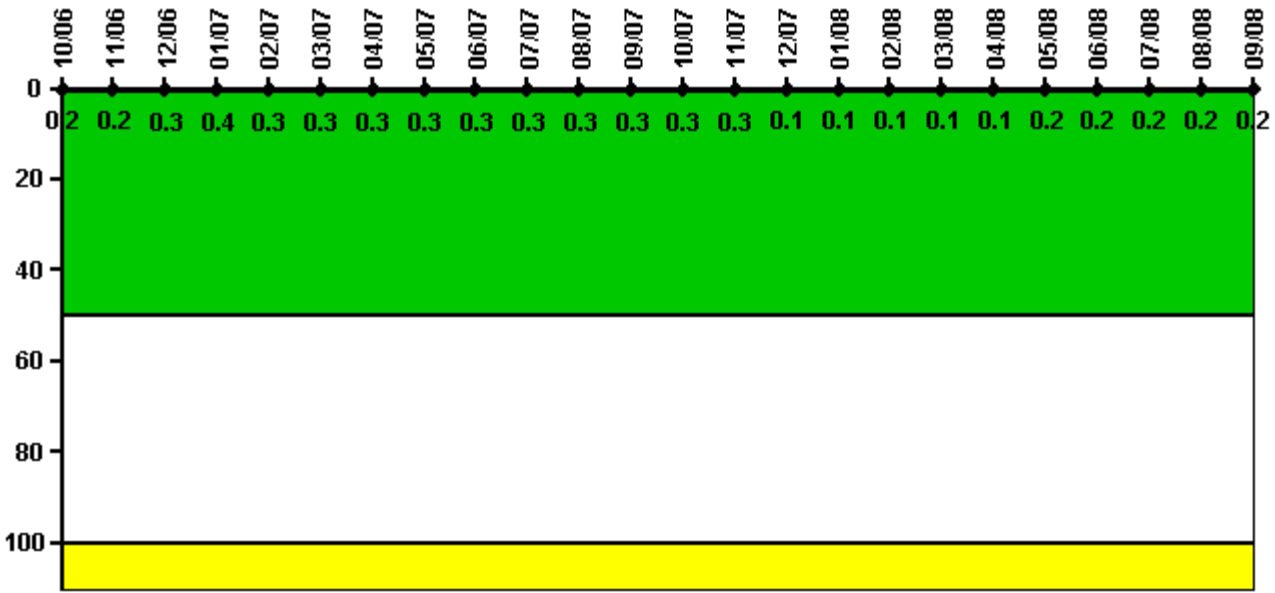
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## 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 ( $\Delta$ CDF)	2.00E-07	1.20E-07	1.40E-07	1.40E-07	1.30E-07	1.40E-07	1.10E-07	1.30E-07
URI ( $\Delta$ CDF)	-1.10E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.40E-07	-1.40E-07	-1.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	9.00E-08	-1.00E-08	1.00E-08	1.00E-08	0.00E+00	0.00E+00	-3.00E-08	-1.00E-08

Licensee Comments: none

## Reactor Coolant System Activity



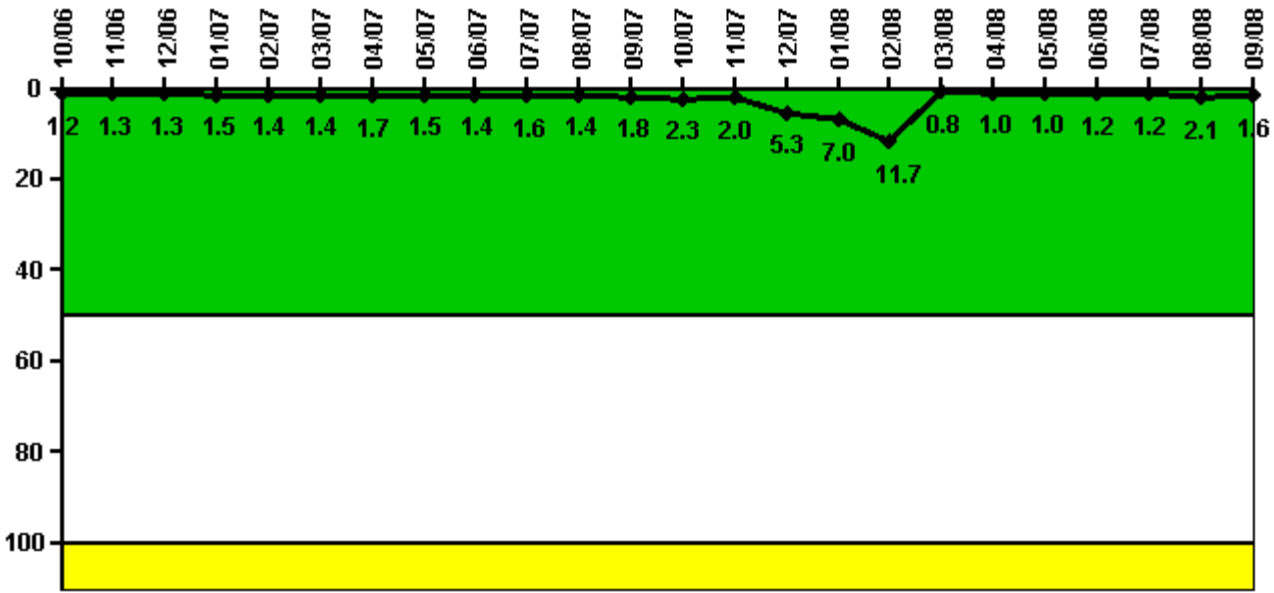
Thresholds: White > 50.0 Yellow > 100.0

### 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	0.002210	0.002280	0.002520	0.003570	0.002570	0.002640	0.002590	0.002690	0.002820	0.002790	0.003000	0.003050
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	0.2	0.2	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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	0.003000	0.002500	0.001350	0.001060	0.001144	0.000926	0.001342	0.001835	0.001571	0.001635	0.001660	0.001675
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	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2

Licensee Comments: none

## Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

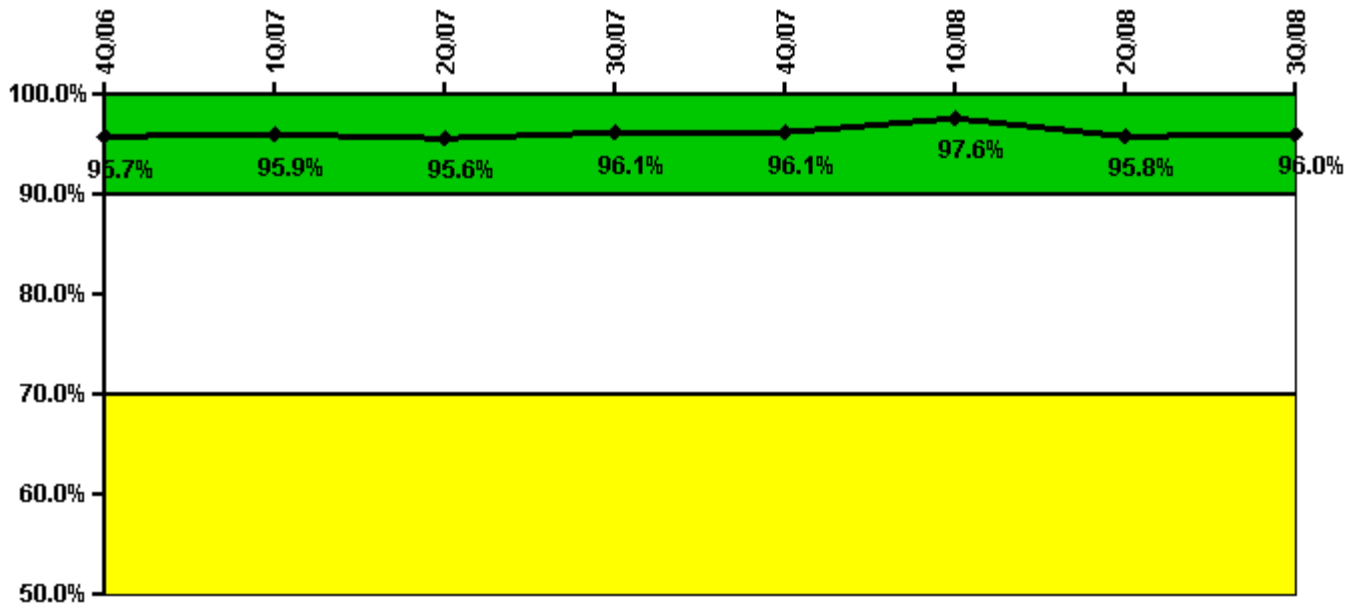
### Notes

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	0.120	0.130	0.130	0.150	0.140	0.140	0.170	0.150	0.140	0.160	0.140	0.180
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	1.2	1.3	1.3	1.5	1.4	1.4	1.7	1.5	1.4	1.6	1.4	1.8
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	0.230	0.200	0.530	0.700	1.170	0.080	0.100	0.100	0.120	0.120	0.210	0.160
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	2.3	2.0	5.3	7.0	11.7	0.8	1.0	1.0	1.2	1.2	2.1	1.6

Licensee Comments:

9/08: Implementation of an Engineering Change increased the accuracy of measuring unidentified leakage and resulted in a shift of approximately 0.05 gpm from unidentified leakage to identified leakage. This step change does not result in a threshold color change.

## Drill/Exercise Performance



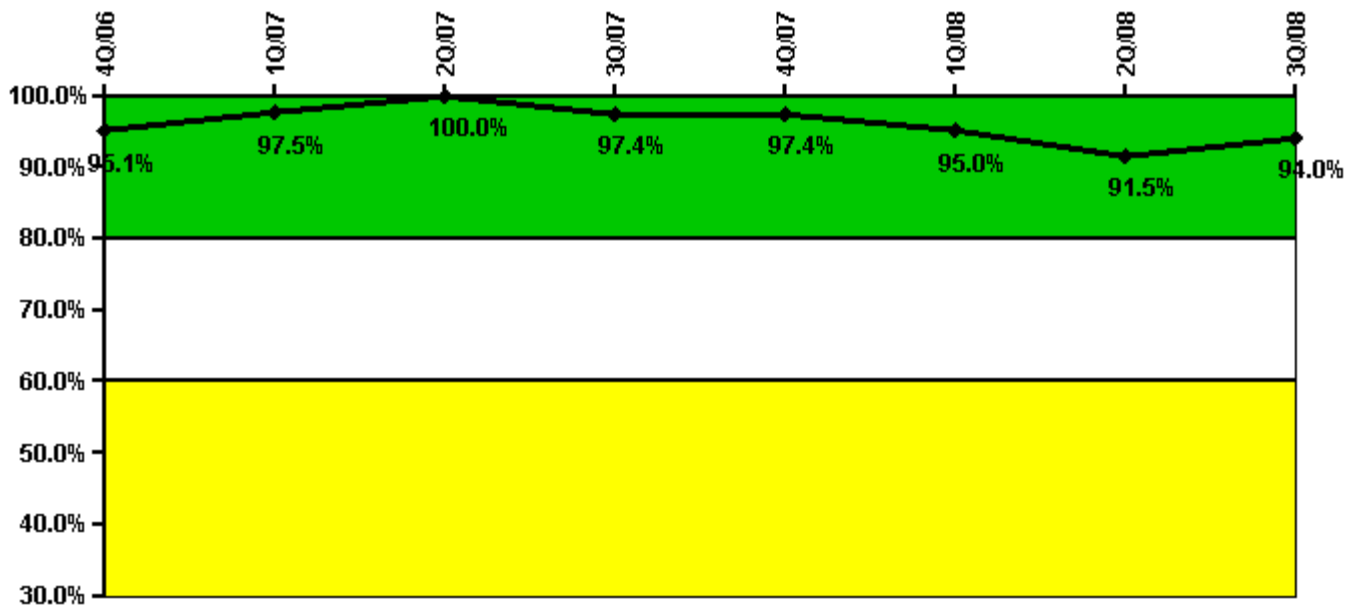
**Thresholds:** White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	6.0	49.0	54.0	26.0	0	50.0	52.0	30.0
Total opportunities	6.0	49.0	56.0	26.0	0	52.0	59.0	30.0
Indicator value	95.7%	95.9%	95.6%	96.1%	96.1%	97.6%	95.8%	96.0%

Licensee Comments: none

## ERO Drill Participation



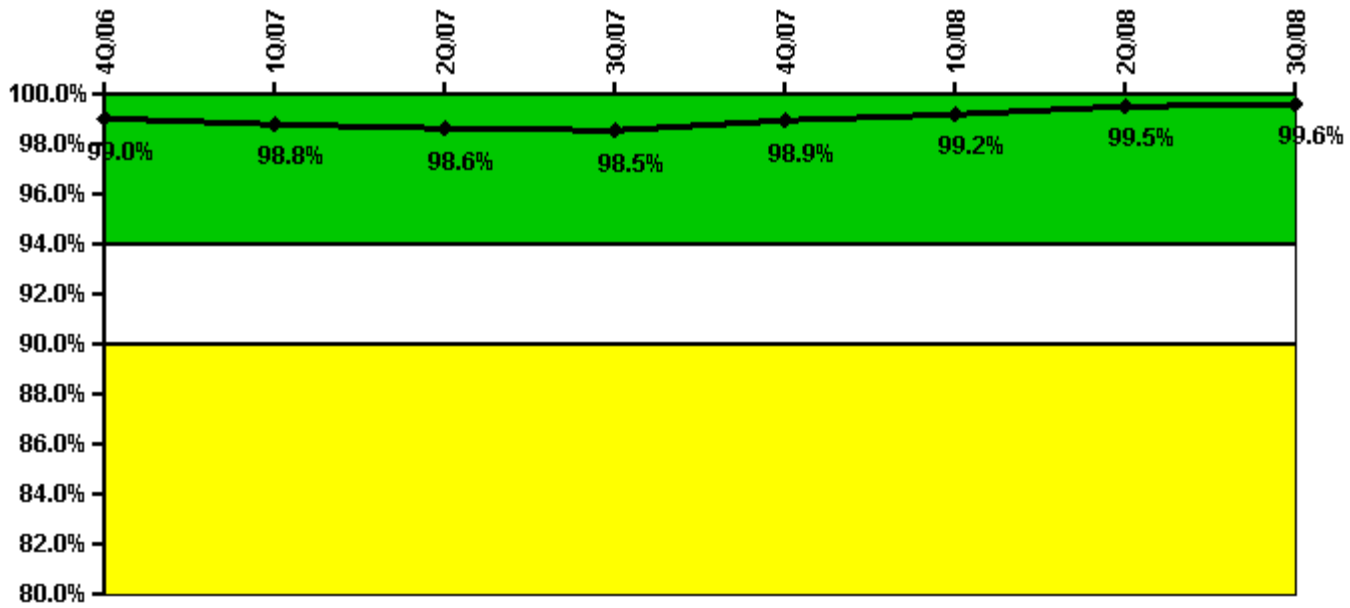
Thresholds: White < 80.0% Yellow < 60.0%

### Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	77.0	78.0	79.0	76.0	76.0	76.0	75.0	78.0
Total Key personnel	81.0	80.0	79.0	78.0	78.0	80.0	82.0	83.0
Indicator value	95.1%	97.5%	100.0%	97.4%	97.4%	95.0%	91.5%	94.0%

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	512	512	513	512	1033	1035	1038	1036
Total sirens-tests	520	520	520	520	1039	1038	1040	1040
Indicator value	99.0%	98.8%	98.6%	98.5%	98.9%	99.2%	99.5%	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.