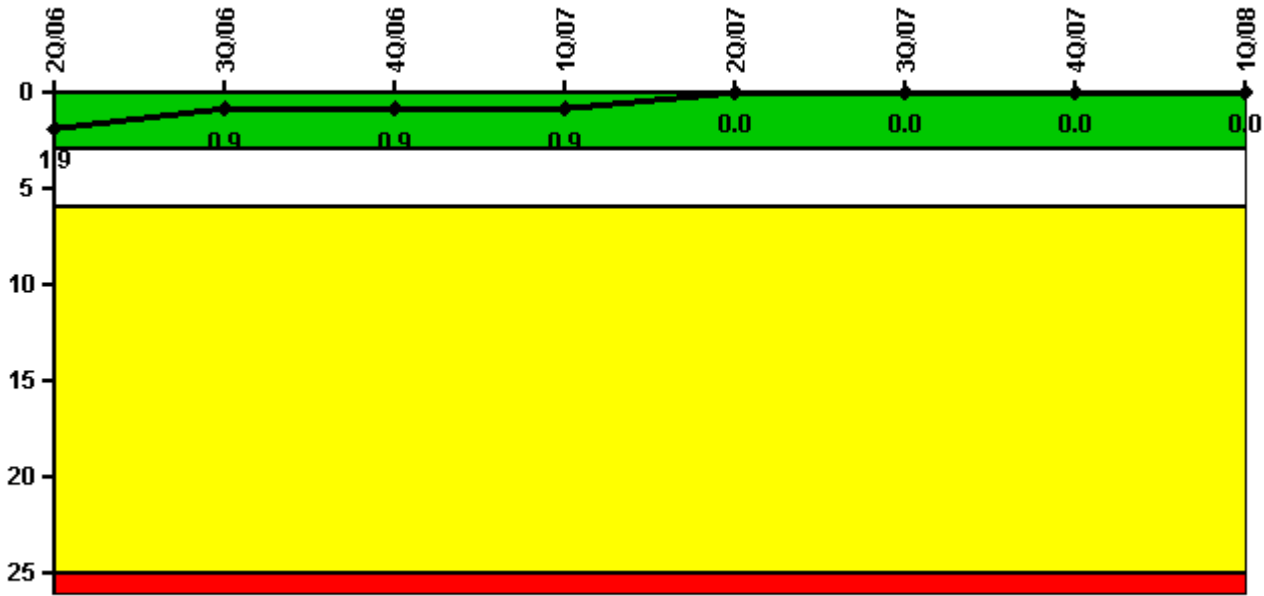


# Saint Lucie 2

## 1Q/2008 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



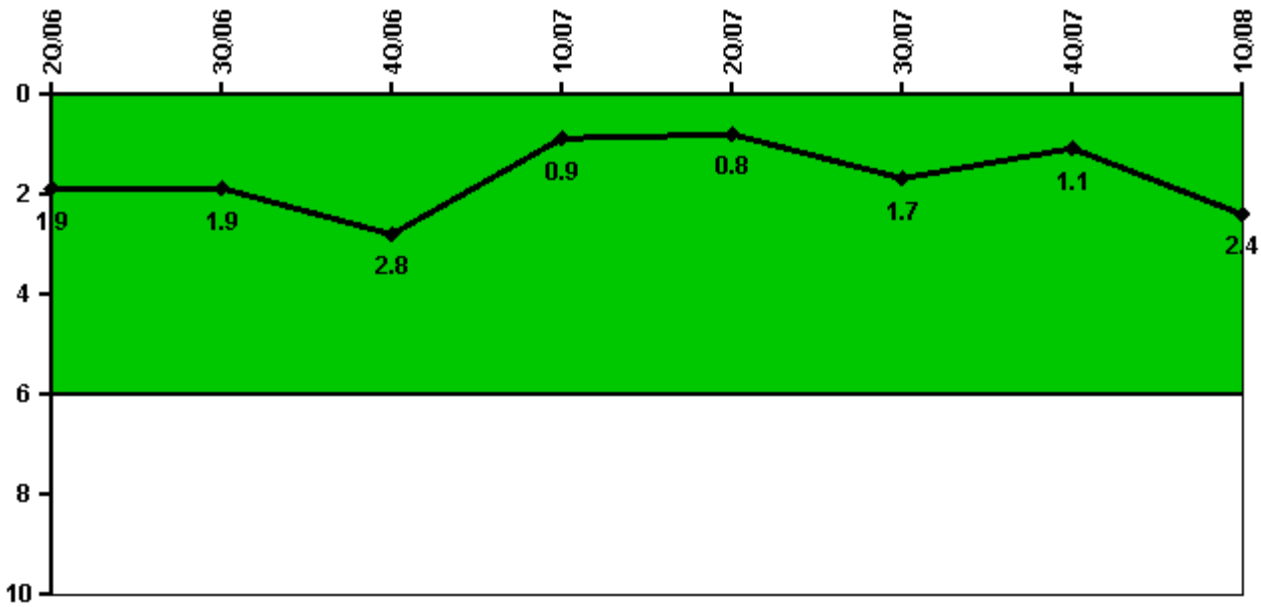
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	989.1	2208.0	2209.0	2159.0	2184.0	1903.2	0	1861.5
Indicator value	1.9	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

# Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

## Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	0	0	1.0	0	0	1.0	0	1.0
Critical hours	989.1	2208.0	2209.0	2159.0	2184.0	1903.2	0	1861.5
Indicator value	1.9	1.9	2.8	0.9	0.8	1.7	1.1	2.4

Licensee Comments: none

# Unplanned Scrams with Complications



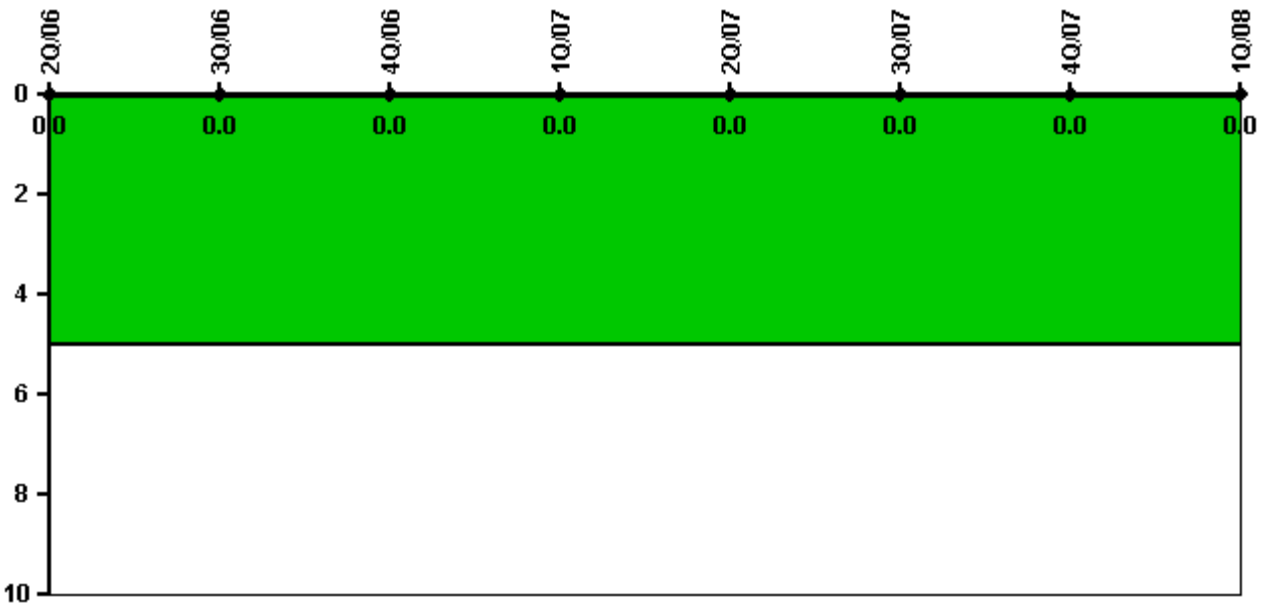
Thresholds: White > 1.0

## Notes

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

Licensee Comments: none

# Safety System Functional Failures (PWR)



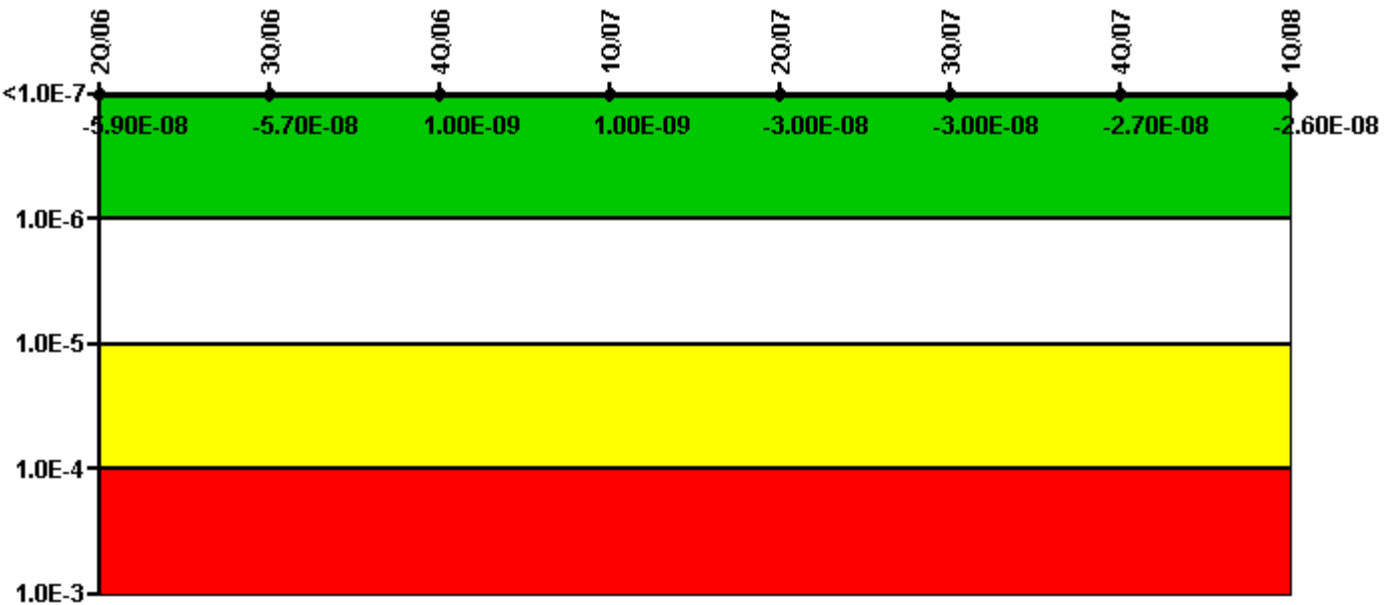
Thresholds: White > 5.0

## Notes

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

Licensee Comments: none

# Mitigating Systems Performance Index, Emergency AC Power System



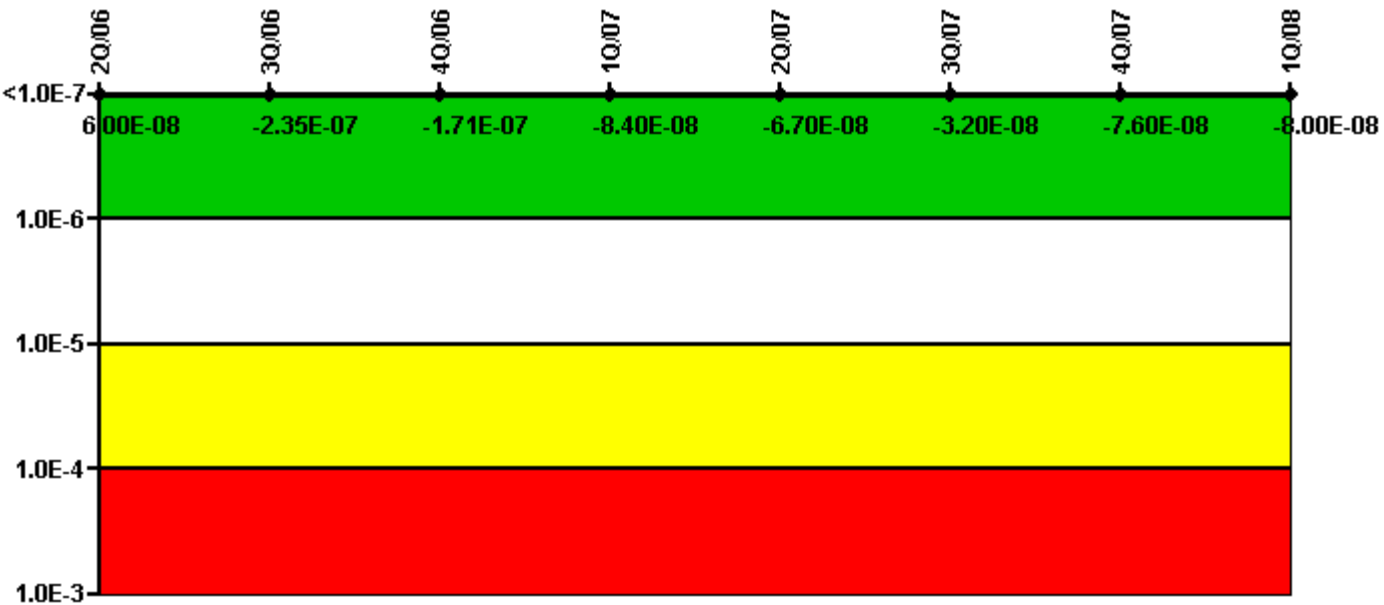
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI ( $\Delta$ CDF)	5.10E-08	5.30E-08	4.70E-08	4.70E-08	2.90E-08	2.90E-08	3.20E-08	3.30E-08
URI ( $\Delta$ CDF)	-1.10E-07	-1.10E-07	-4.60E-08	-4.60E-08	-5.90E-08	-5.90E-08	-5.90E-08	-5.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-5.90E-08	-5.70E-08	1.00E-09	1.00E-09	-3.00E-08	-3.00E-08	-2.70E-08	-2.60E-08

Licensee Comments: none

# Mitigating Systems Performance Index, High Pressure Injection System



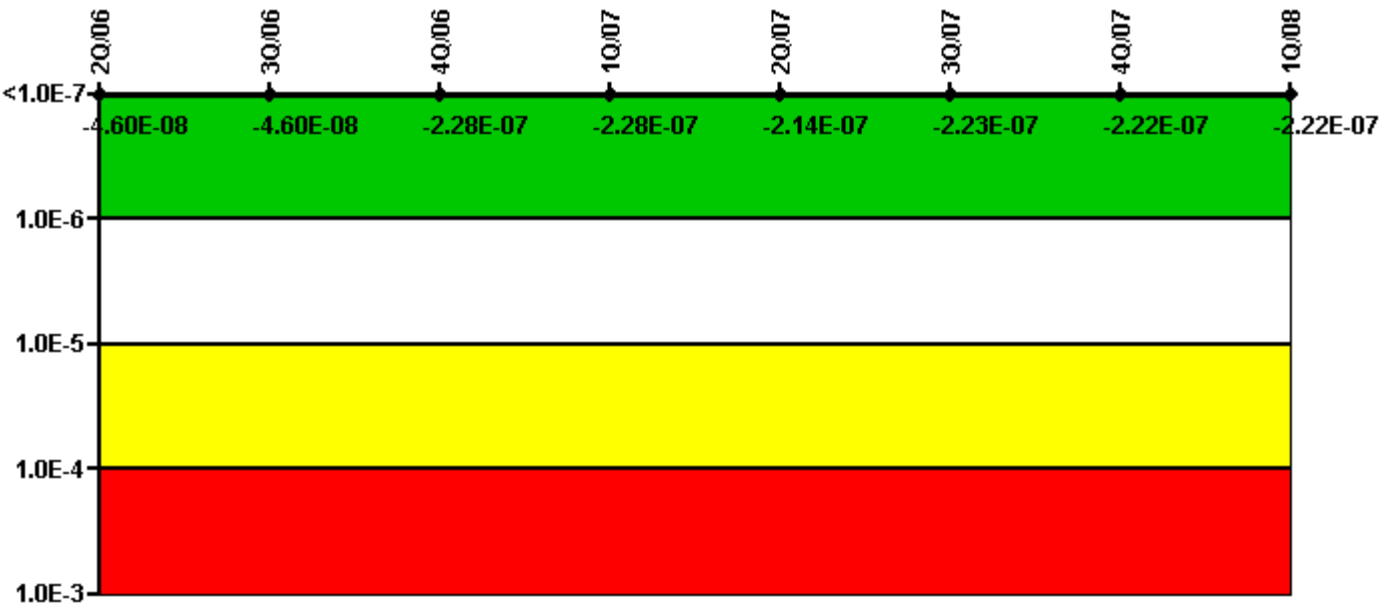
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI ( $\Delta$ CDF)	1.50E-07	1.50E-08	8.60E-09	9.60E-08	6.30E-08	9.80E-08	5.40E-08	5.00E-08
URI ( $\Delta$ CDF)	-9.00E-08	-2.50E-07	-1.80E-07	-1.80E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.00E-08	-2.35E-07	-1.71E-07	-8.40E-08	-6.70E-08	-3.20E-08	-7.60E-08	-8.00E-08

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



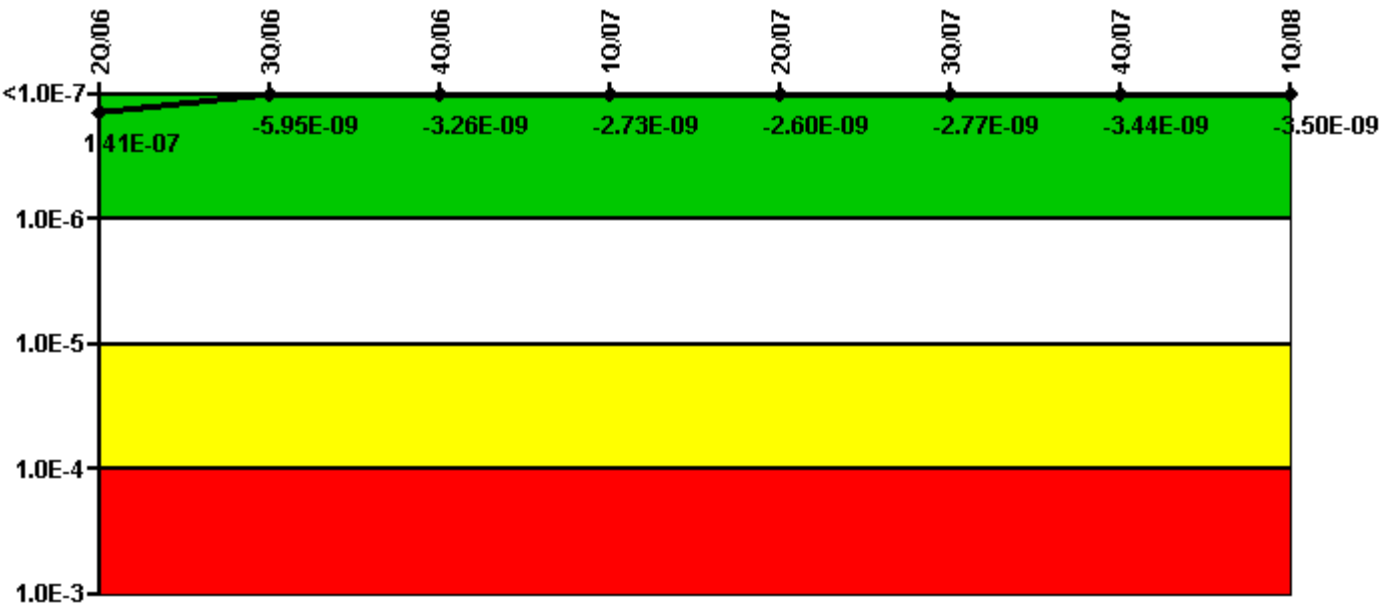
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI ( $\Delta$ CDF)	8.40E-08	8.40E-08	-3.80E-08	-3.80E-08	-3.40E-08	-4.30E-08	-4.20E-08	-4.20E-08
URI ( $\Delta$ CDF)	-1.30E-07	-1.30E-07	-1.90E-07	-1.90E-07	-1.80E-07	-1.80E-07	-1.80E-07	-1.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.60E-08	-4.60E-08	-2.28E-07	-2.28E-07	-2.14E-07	-2.23E-07	-2.22E-07	-2.22E-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

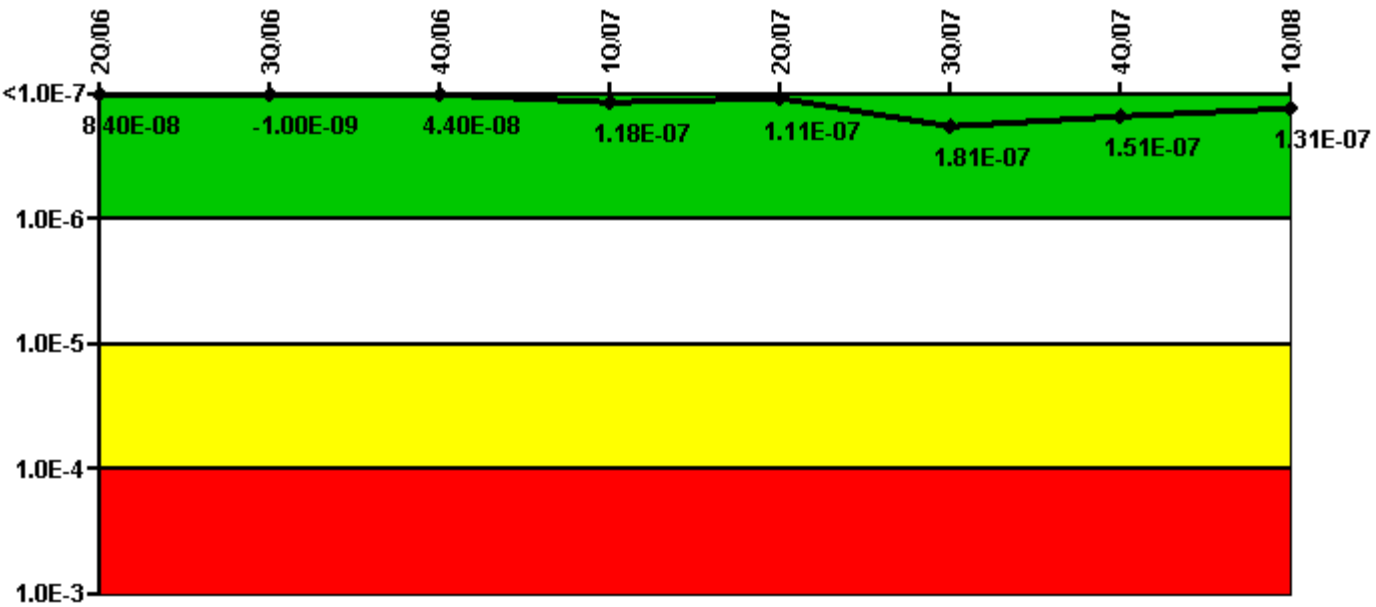
## Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI ( $\Delta$ CDF)	1.40E-09	2.50E-10	1.40E-10	6.70E-10	6.00E-10	4.30E-10	-2.40E-10	-3.00E-10
URI ( $\Delta$ CDF)	1.40E-07	-6.20E-09	-3.40E-09	-3.40E-09	-3.20E-09	-3.20E-09	-3.20E-09	-3.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.41E-07	-5.95E-09	-3.26E-09	-2.73E-09	-2.60E-09	-2.77E-09	-3.44E-09	-3.50E-09

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



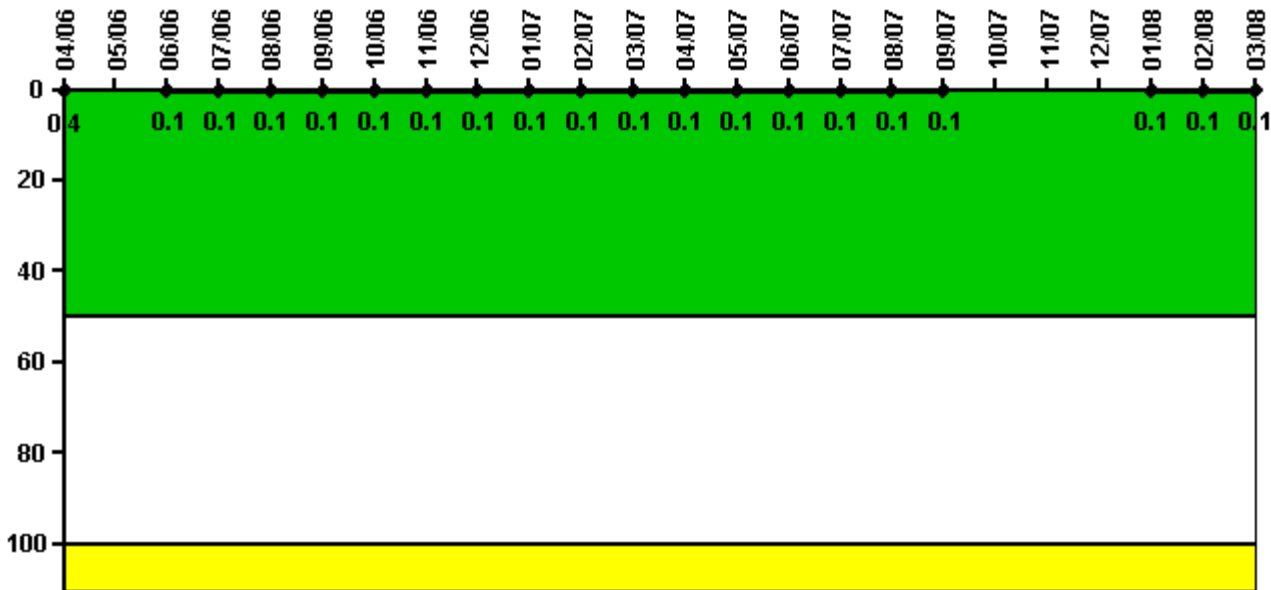
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	6.40E-08	1.80E-08	5.60E-08	1.30E-07	1.20E-07	1.90E-07	1.60E-07	1.40E-07
URI (ΔCDF)	2.00E-08	-1.90E-08	-1.20E-08	-1.20E-08	-9.00E-09	-9.00E-09	-9.00E-09	-9.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	8.40E-08	-1.00E-09	4.40E-08	1.18E-07	1.11E-07	1.81E-07	1.51E-07	1.31E-07

Licensee Comments: none

# Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

## Notes

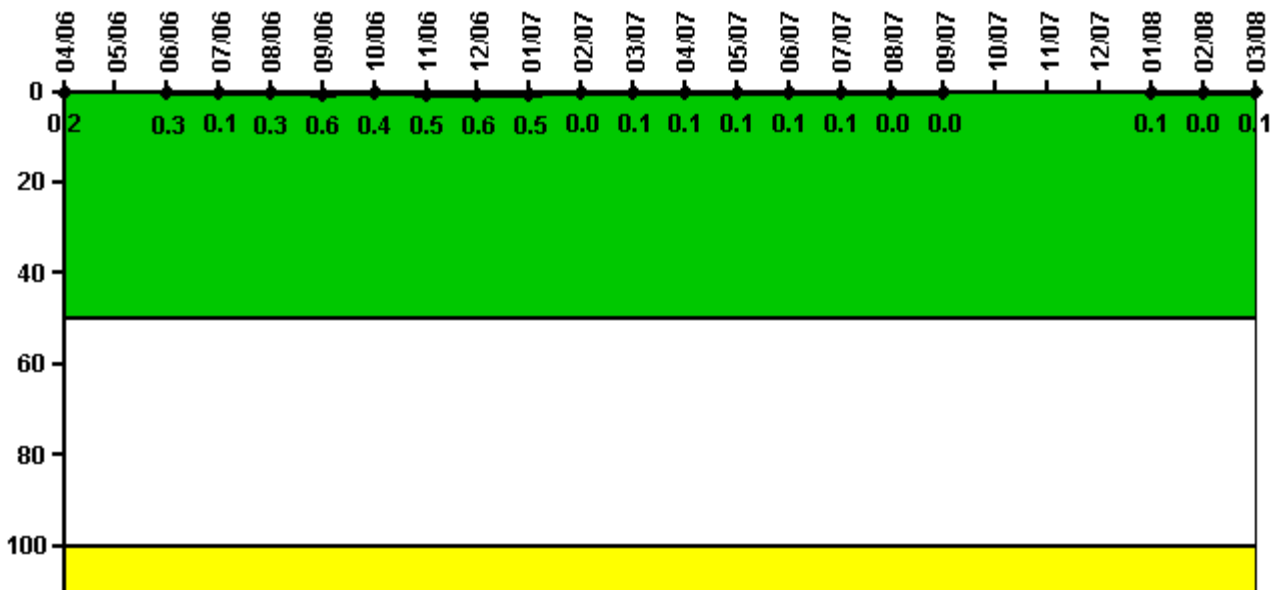
Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.004150	N/A	0.000833	0.000639	0.000702	0.000690	0.000770	0.000773	0.000720	0.000772	0.001400	0.000814
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.4	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000770	0.000821	0.000859	0.000920	0.000906	0.000956	N/A	N/A	N/A	0.000618	0.000533	0.000586
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	0.1	0.1	0.1	0.1	0.1	0.1	N/A	N/A	N/A	0.1	0.1	0.1

Licensee Comments: none

# Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

## Notes

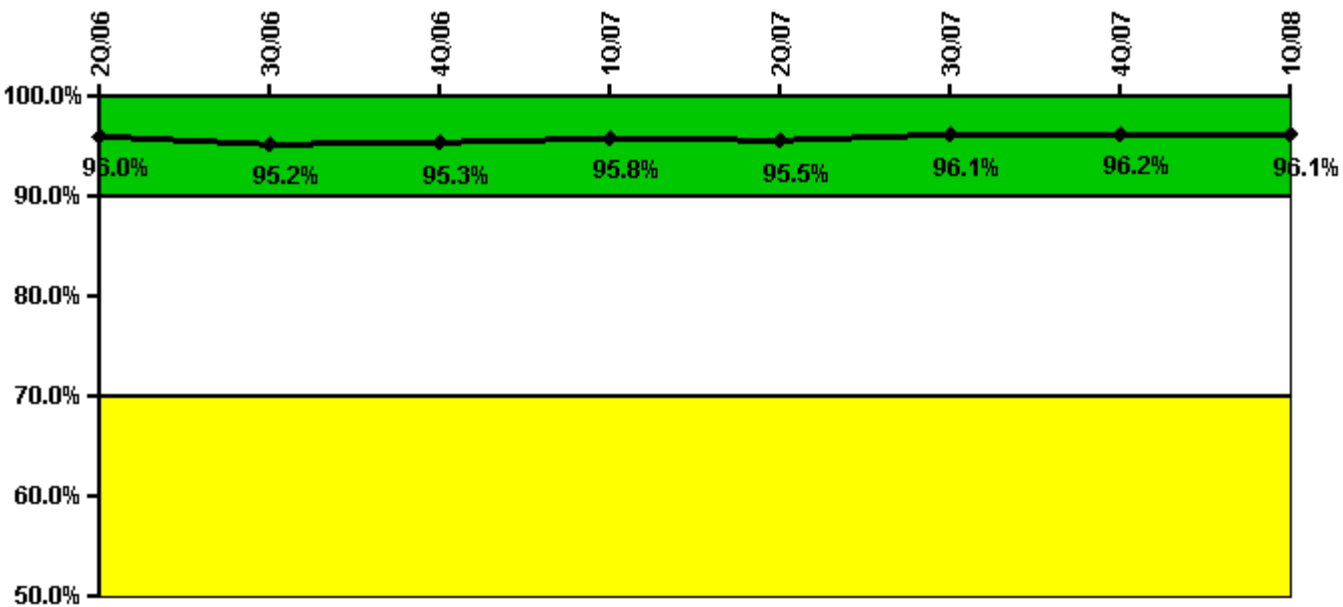
Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.020	N/A	0.030	0.010	0.030	0.060	0.039	0.050	0.060	0.054	0.003	0.005
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	N/A	0.3	0.1	0.3	0.6	0.4	0.5	0.6	0.5	0	0.1

Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0.005	0.005	0.008	0.005	0	0	N/A	N/A	N/A	0.008	0	0.009
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	0.1	0.1	0.1	0.1	0	0	N/A	N/A	N/A	0.1	0	0.1

Licensee Comments: none

# Drill/Exercise Performance



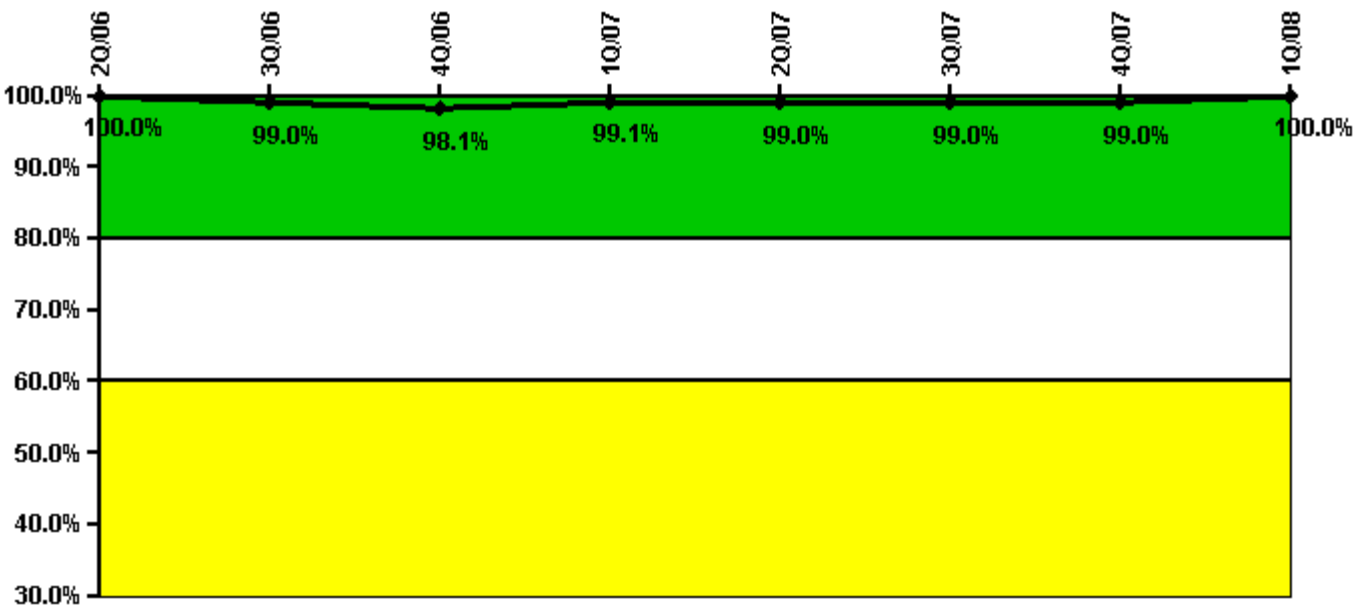
Thresholds: White < 90.0% Yellow < 70.0%

## Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	66.0	71.0	78.0	113.0	38.0	88.0	2.0	68.0
Total opportunities	68.0	78.0	80.0	116.0	39.0	90.0	2.0	72.0
Indicator value	96.0%	95.2%	95.3%	95.8%	95.5%	96.1%	96.2%	96.1%

Licensee Comments: none

# ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

## Notes

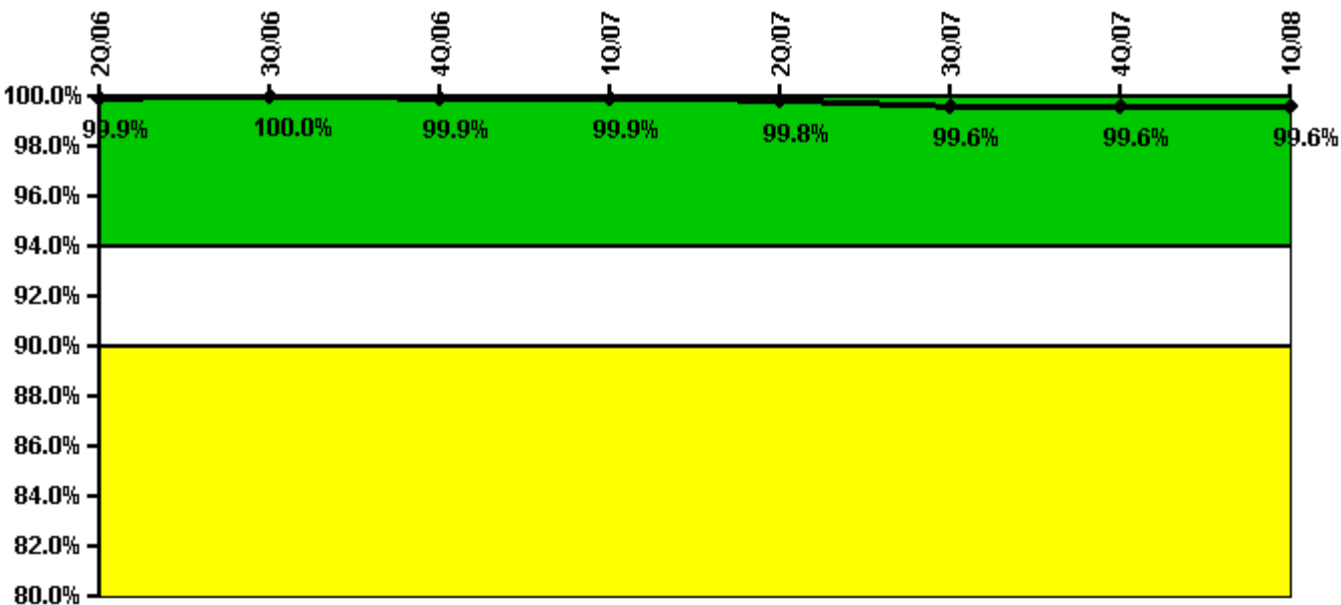
ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	91.0	98.0	104.0	106.0	101.0	98.0	97.0	101.0
Total Key personnel	91.0	99.0	106.0	107.0	102.0	99.0	98.0	101.0
Indicator value	100.0%	99.0%	98.1%	99.1%	99.0%	99.0%	99.0%	100.0%

Licensee Comments:

4Q/07: Minor correction made to drill participation.

2Q/07: Minor correction made to drill participation.

# Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

## Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	630	630	629	719	627	714	719	629
Total sirens-tests	630	630	630	720	630	720	720	630
Indicator value	99.9%	100.0%	99.9%	99.9%	99.8%	99.6%	99.6%	99.6%

Licensee Comments: none

# Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

## Notes

Occupational Exposure Control Effectiveness	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/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
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

# RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

## Notes

RETS/ODCM Radiological Effluent	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/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

[Physical Protection](#) information not publicly available.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 30, 2008