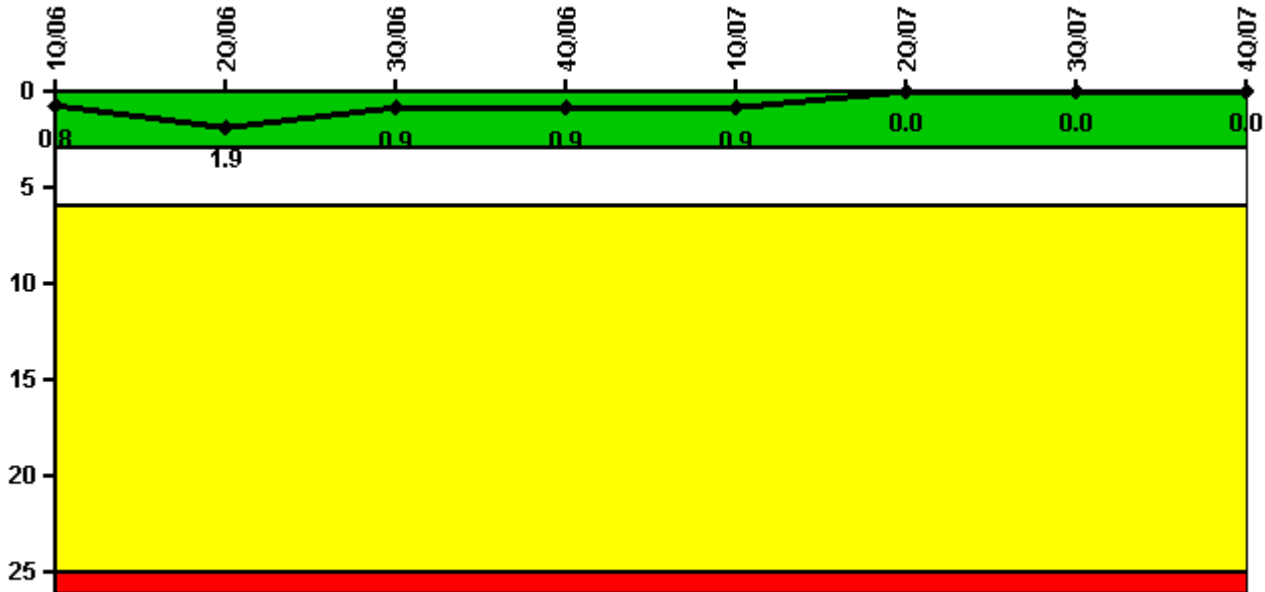


Saint Lucie 2

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



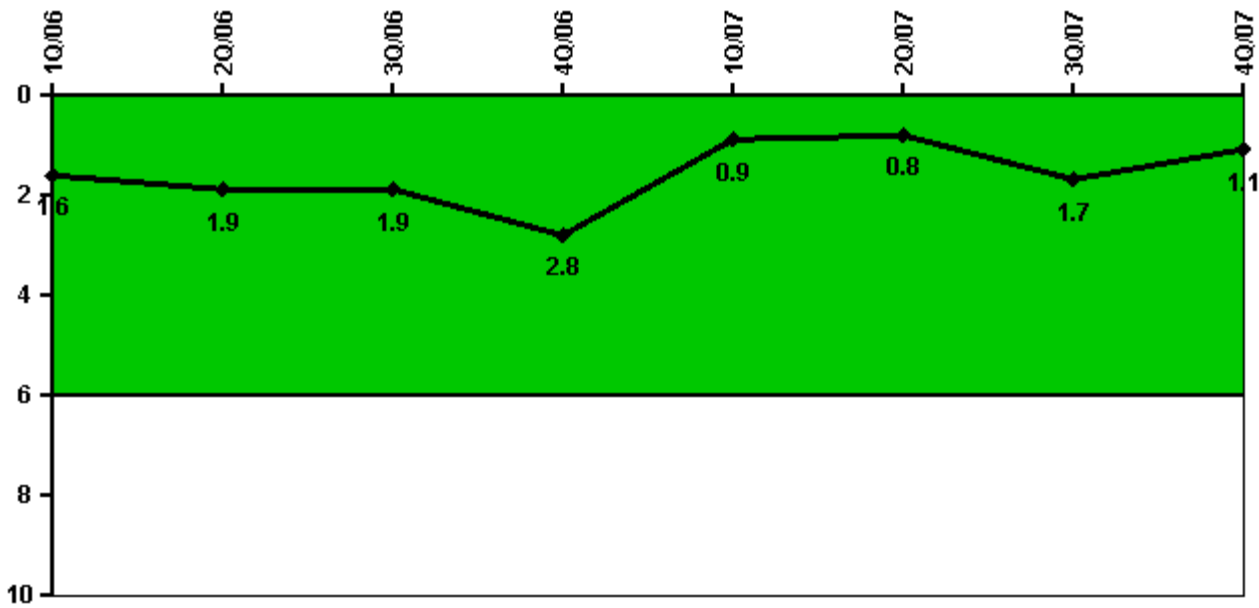
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2072.0	989.1	2208.0	2209.0	2159.0	2184.0	1903.2	0
Indicator value	0.8	1.9	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



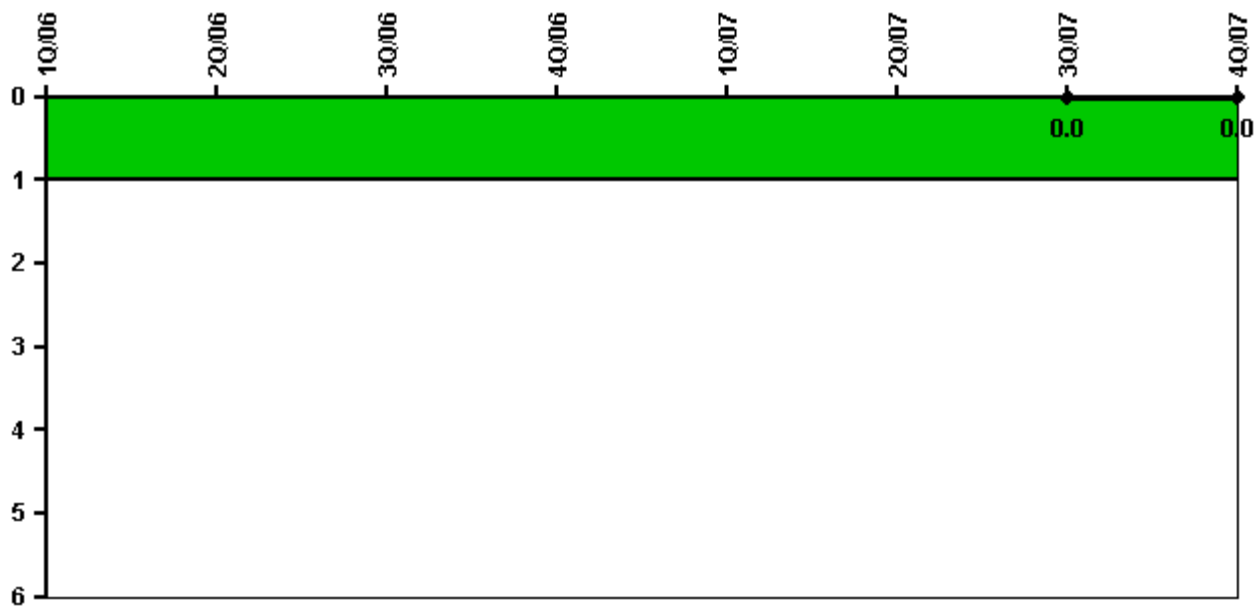
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	2.0	0	0	1.0	0	0	1.0	0
Critical hours	2072.0	989.1	2208.0	2209.0	2159.0	2184.0	1903.2	0
Indicator value	1.6	1.9	1.9	2.8	0.9	0.8	1.7	1.1

Licensee Comments: none

Unplanned Scrams with Complications



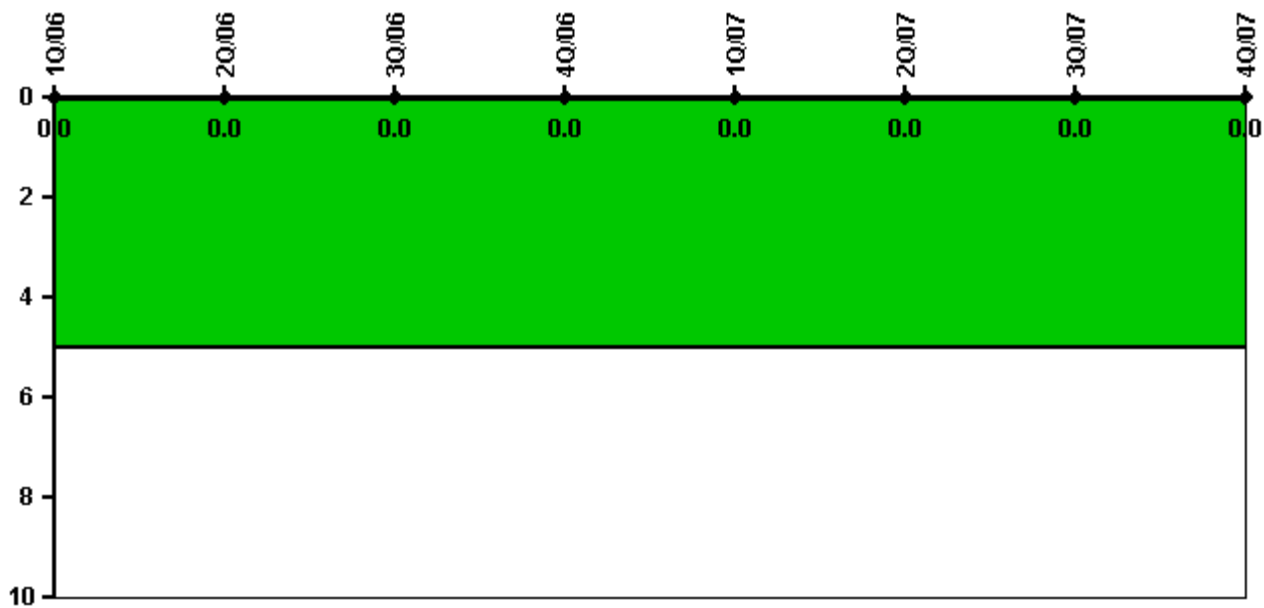
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



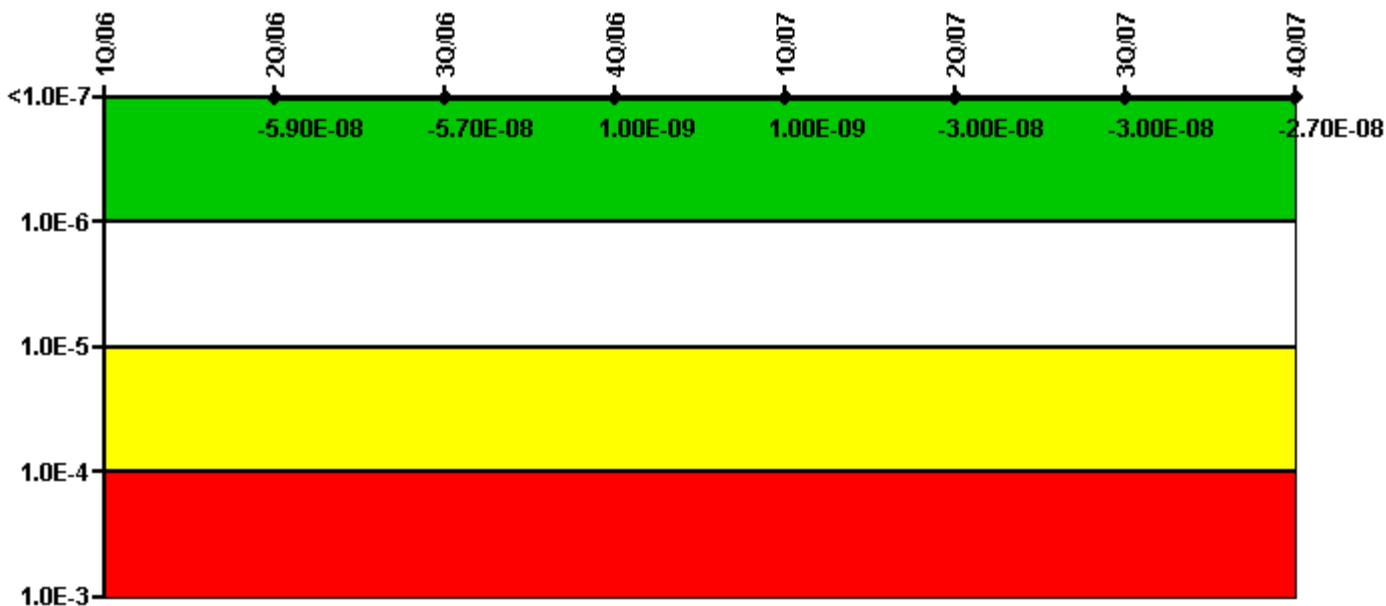
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
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



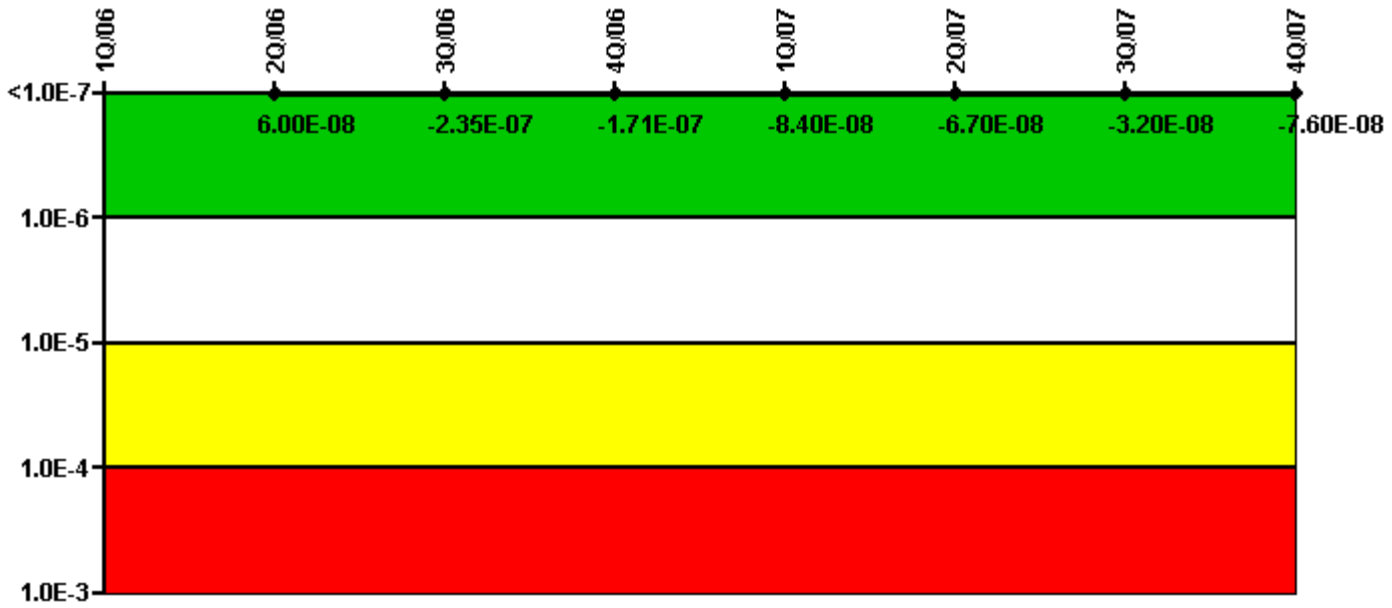
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		5.10E-08	5.30E-08	4.70E-08	4.70E-08	2.90E-08	2.90E-08	3.20E-08
URI (ΔCDF)		-1.10E-07	-1.10E-07	-4.60E-08	-4.60E-08	-5.90E-08	-5.90E-08	-5.90E-08
PLE		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

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	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		$1.50E-07$	$1.50E-08$	$8.60E-09$	$9.60E-08$	$6.30E-08$	$9.80E-08$	$5.40E-08$
URI (Δ CDF)		$-9.00E-08$	$-2.50E-07$	$-1.80E-07$	$-1.80E-07$	$-1.30E-07$	$-1.30E-07$	$-1.30E-07$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$6.00E-08$	$-2.35E-07$	$-1.71E-07$	$-8.40E-08$	$-6.70E-08$	$-3.20E-08$	$-7.60E-08$

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



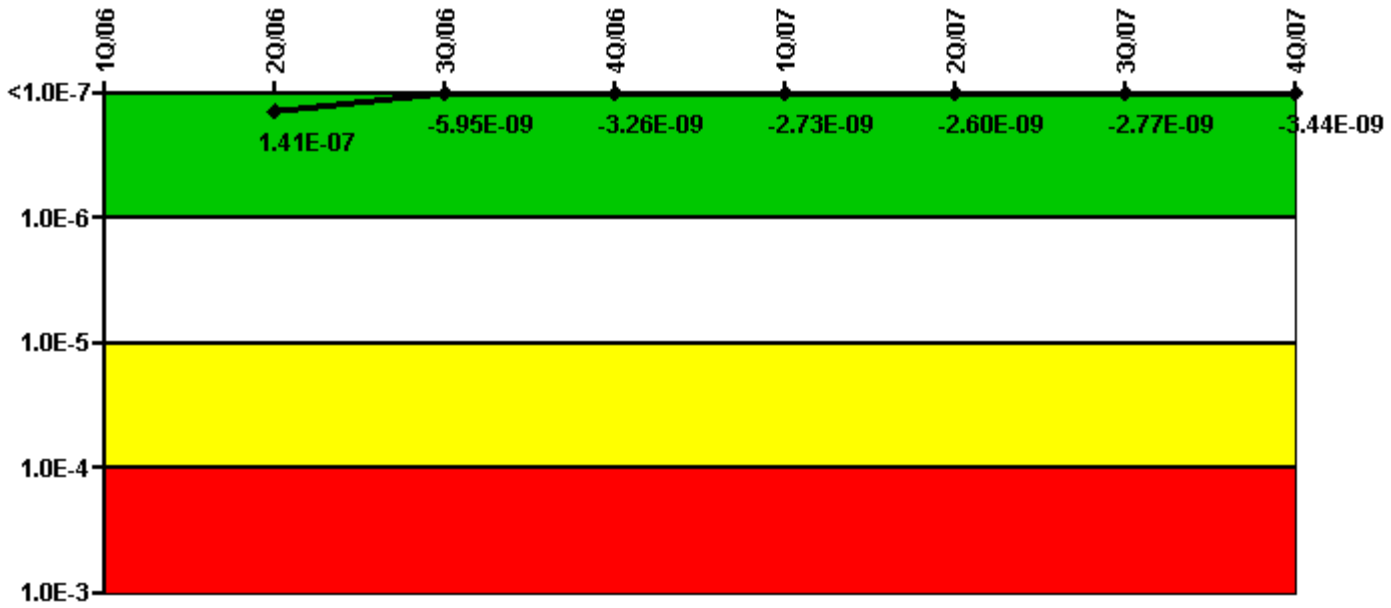
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



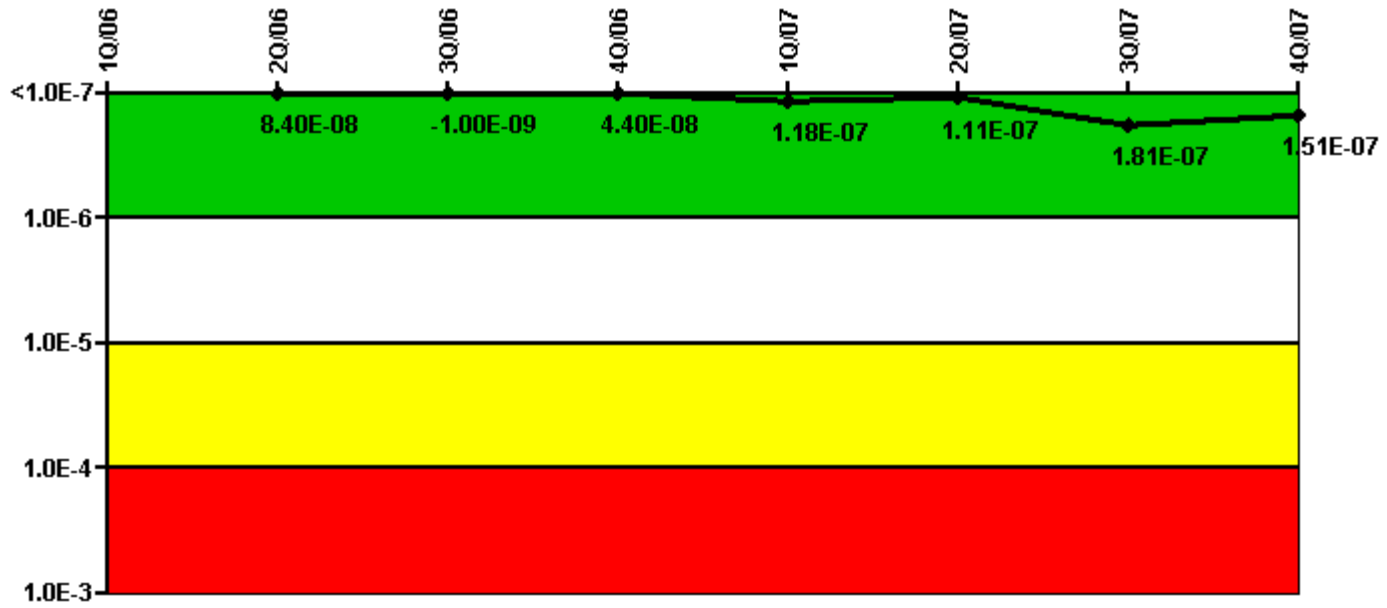
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		1.40E-09	2.50E-10	1.40E-10	6.70E-10	6.00E-10	4.30E-10	-2.40E-10
URI (Δ CDF)		1.40E-07	-6.20E-09	-3.40E-09	-3.40E-09	-3.20E-09	-3.20E-09	-3.20E-09
PLE		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

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



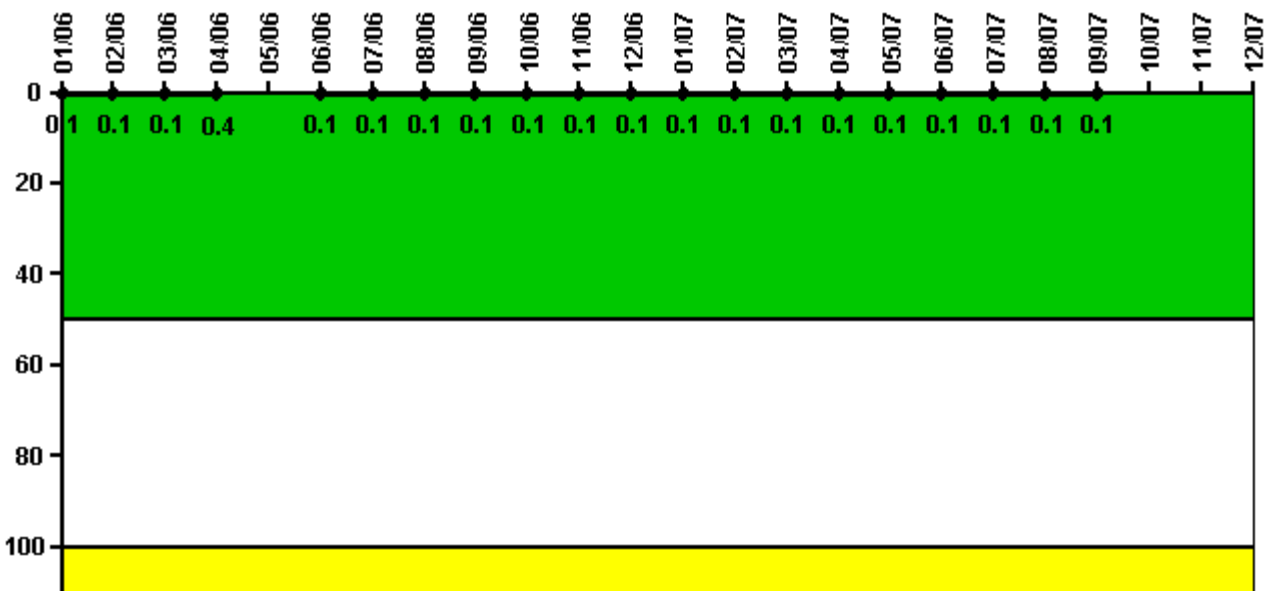
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

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

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

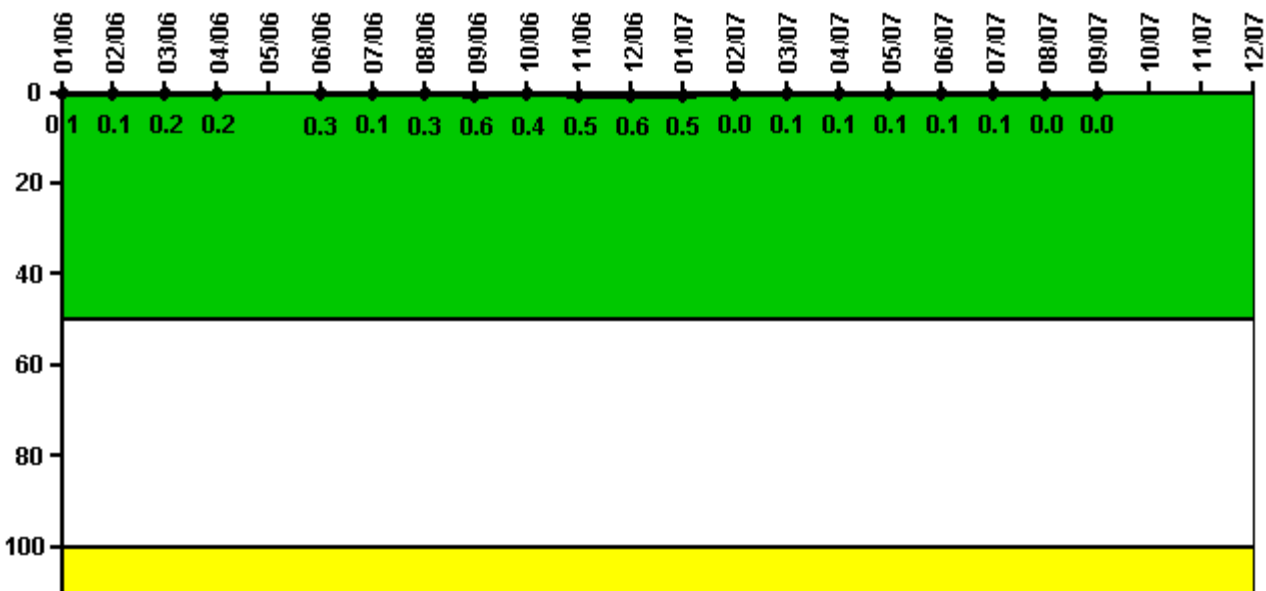
Notes

Reactor Coolant System Activity	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.001070	0.001060	0.001120	0.004150	N/A	0.000833	0.000639	0.000702	0.000690	0.000770	0.000773	0.000720
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	0.4	N/A	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum activity	0.000772	0.001400	0.000814	0.000770	0.000821	0.000859	0.000920	0.000906	0.000956	N/A	N/A	N/A
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	0.1	0.1	0.1	N/A	N/A	N/A

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

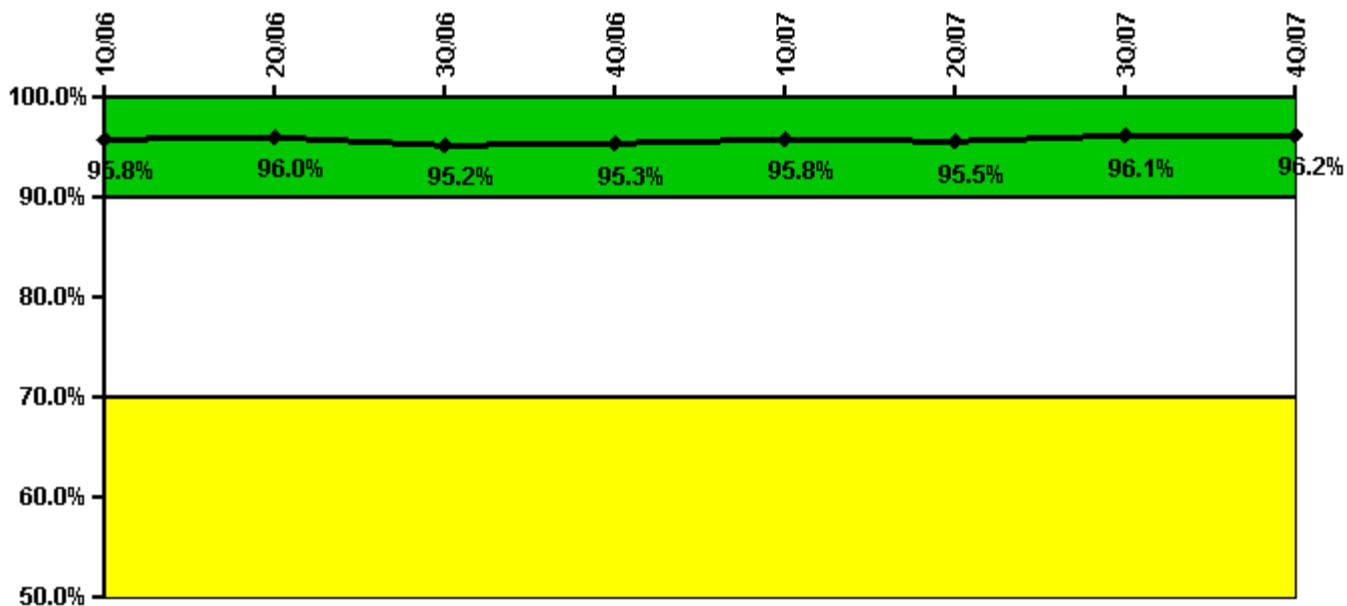
Notes

Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.010	0.005	0.018	0.020	N/A	0.030	0.010	0.030	0.060	0.039	0.050	0.060
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	0.2	0.2	N/A	0.3	0.1	0.3	0.6	0.4	0.5	0.6

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.054	0.003	0.005	0.005	0.005	0.008	0.005	0	0	N/A	N/A	N/A
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	0.5	0	0.1	0.1	0.1	0.1	0.1	0	0	N/A	N/A	N/A

Licensee Comments: none

Drill/Exercise Performance



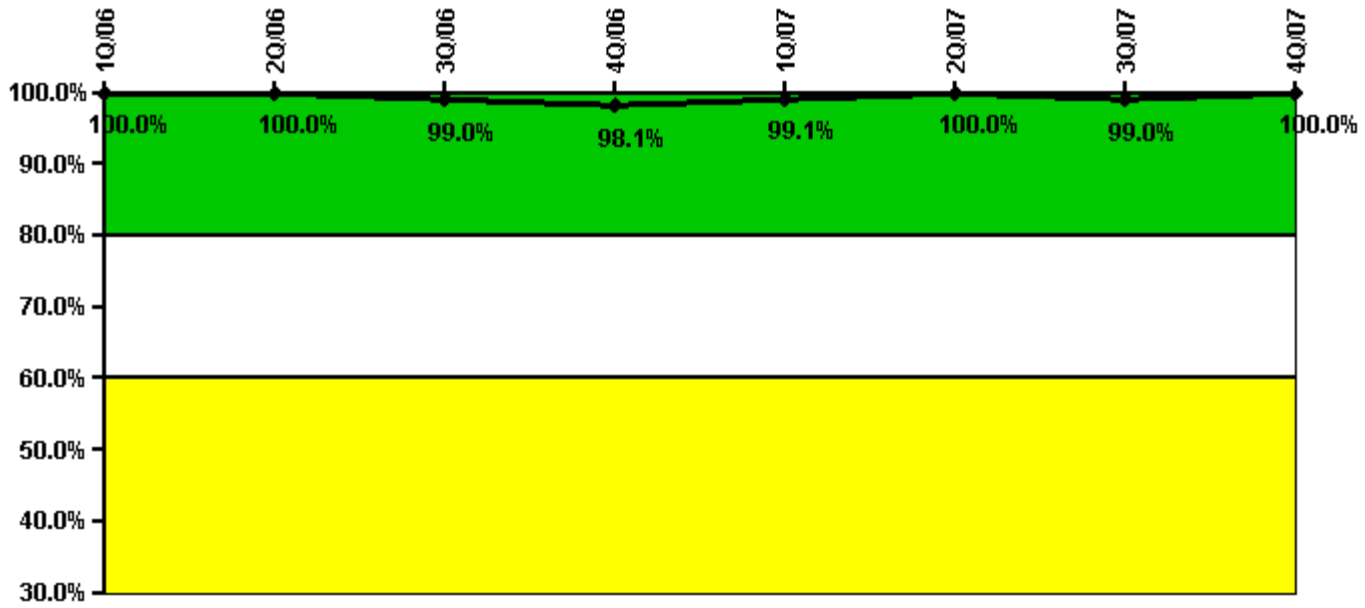
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	49.0	66.0	71.0	78.0	113.0	38.0	88.0	2.0
Total opportunities	52.0	68.0	78.0	80.0	116.0	39.0	90.0	2.0
Indicator value	95.8%	96.0%	95.2%	95.3%	95.8%	95.5%	96.1%	96.2%

Licensee Comments: none

ERO Drill Participation



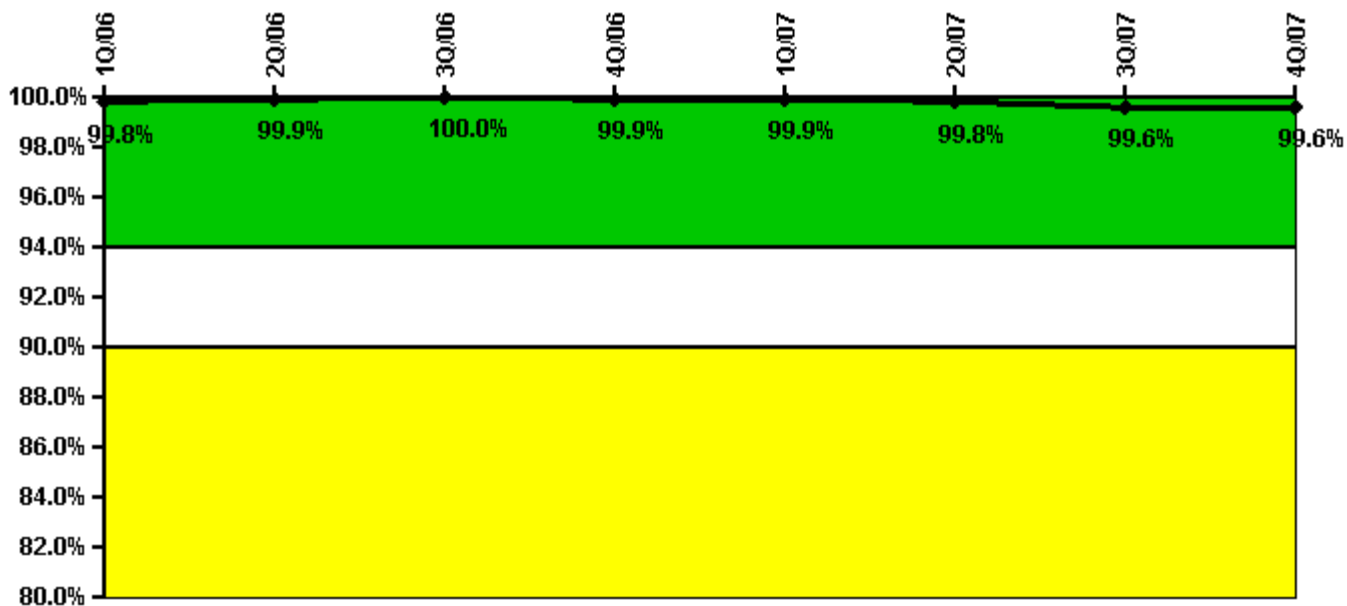
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	81.0	91.0	98.0	104.0	106.0	102.0	98.0	98.0
Total Key personnel	81.0	91.0	99.0	106.0	107.0	102.0	99.0	98.0
Indicator value	100.0%	100.0%	99.0%	98.1%	99.1%	100.0%	99.0%	100.0%

Licensee Comments: none

Alert & Notification System



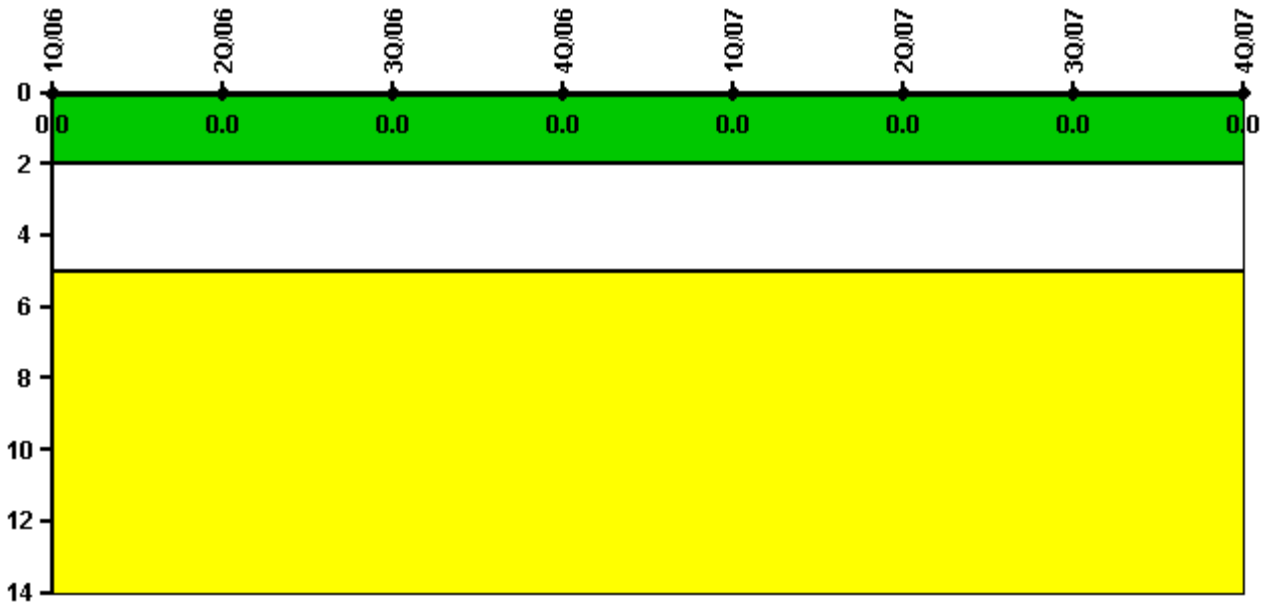
Thresholds: White < 94.0% Yellow < 90.0%

Notes

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

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
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	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
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: February 4, 2008