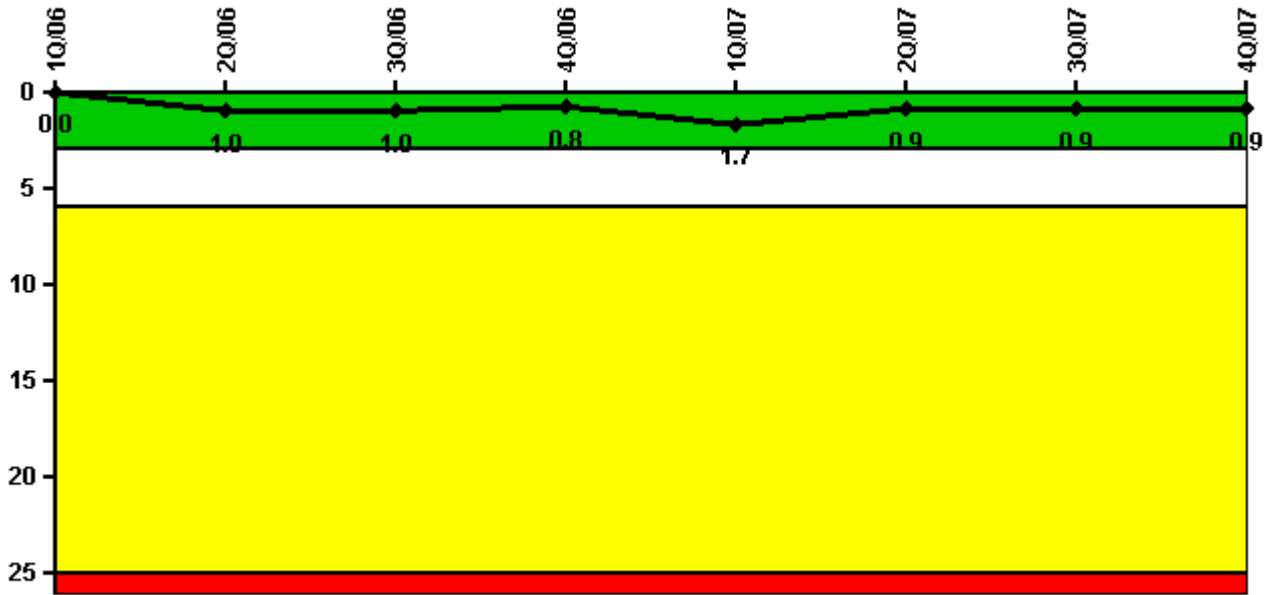


Callaway

4Q/2007 Performance Indicators

Licensee's General Comments: Revision 1 of the MSPI Basis Document was issued on September 25, 2007, reflecting updated demand and run-hour estimates for pumps in the MS07, MS08, MS09 and MS10 indicators. Revised data is effective for MSPI calculations in the fourth quarter 2007.

Unplanned Scrams per 7000 Critical Hrs



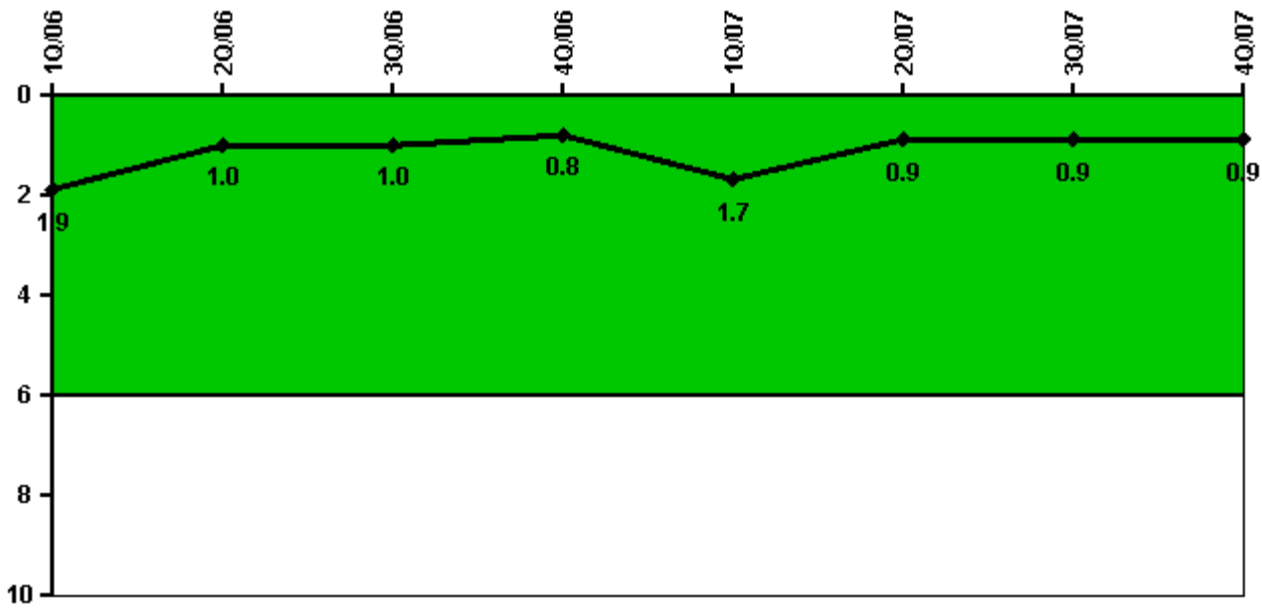
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0
Critical hours	2160.0	1780.8	2208.0	2209.0	2081.3	1314.3	2208.0	2209.0
Indicator value	0	1.0	1.0	0.8	1.7	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



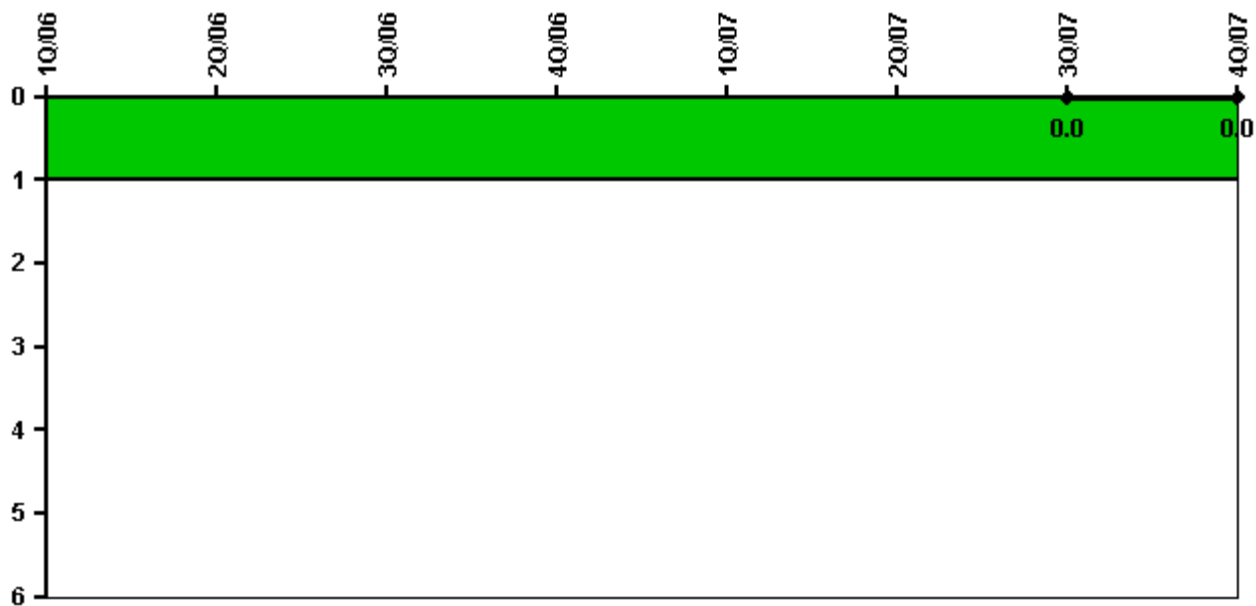
Thresholds: White > 6.0

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	0	1.0	0	0	1.0	0	0	0
Critical hours	2160.0	1780.8	2208.0	2209.0	2081.3	1314.3	2208.0	2209.0
Indicator value	1.9	1.0	1.0	0.8	1.7	0.9	0.9	0.9

Licensee Comments: none

Unplanned Scrams with Complications



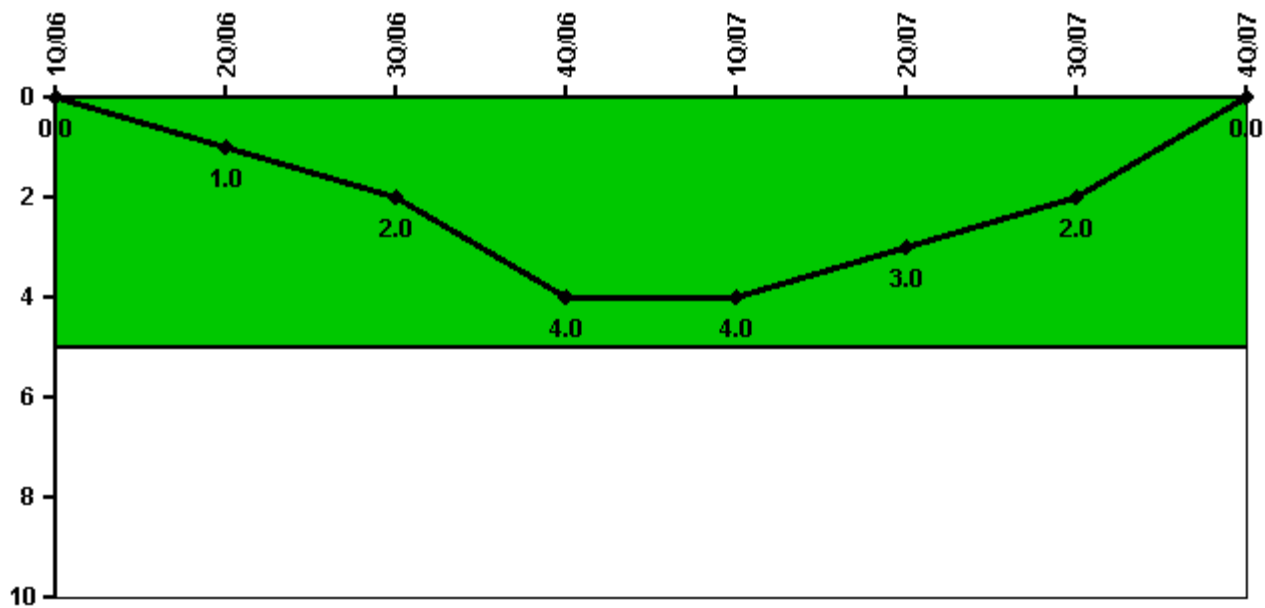
Thresholds: White > 1.0

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)



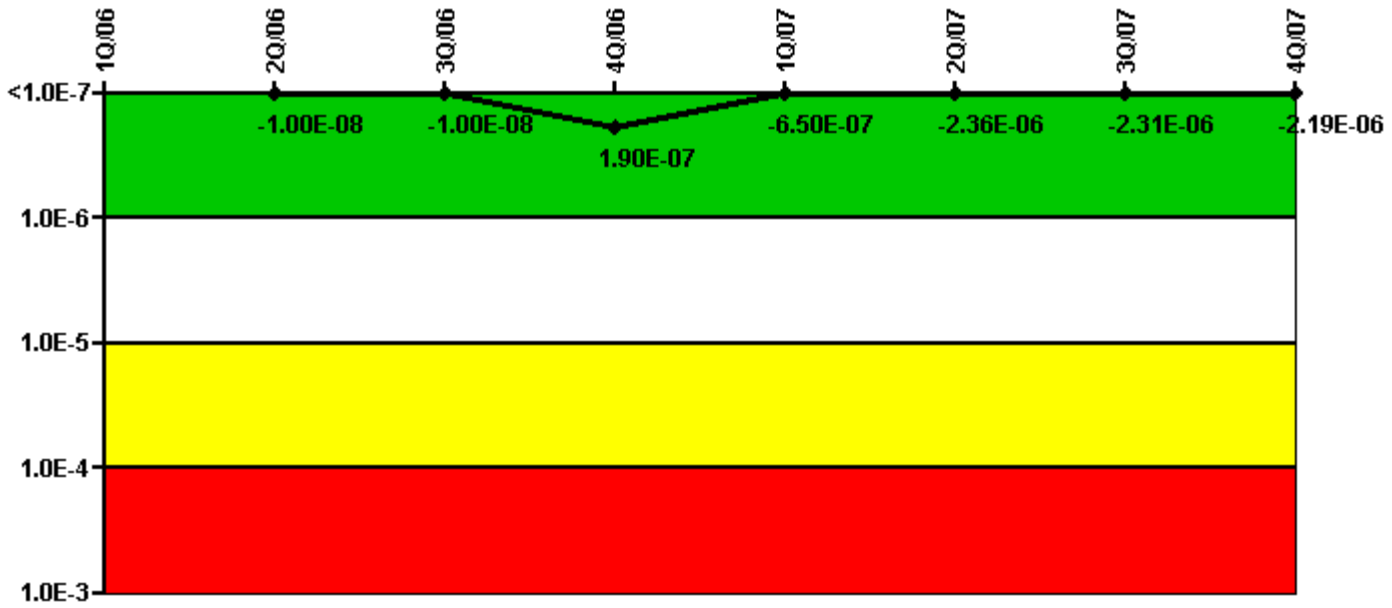
Thresholds: White > 5.0

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	1	1	2	0	0	0	0
Indicator value	0	1	2	4	4	3	2	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



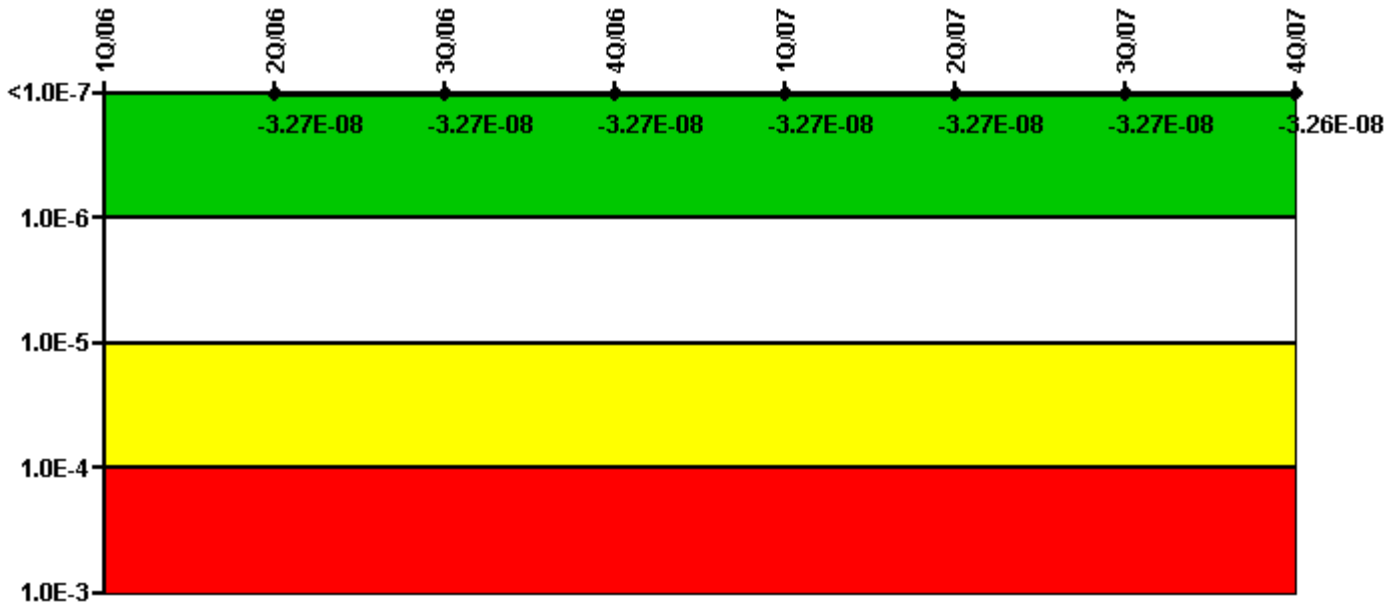
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)		6.00E-07	6.00E-07	8.00E-07	4.50E-07	3.40E-07	3.90E-07	5.10E-07
URI (ΔCDF)		-6.10E-07	-6.10E-07	-6.10E-07	-1.10E-06	-2.70E-06	-2.70E-06	-2.70E-06
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-1.00E-08	-1.00E-08	1.90E-07	-6.50E-07	-2.36E-06	-2.31E-06	-2.19E-06

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



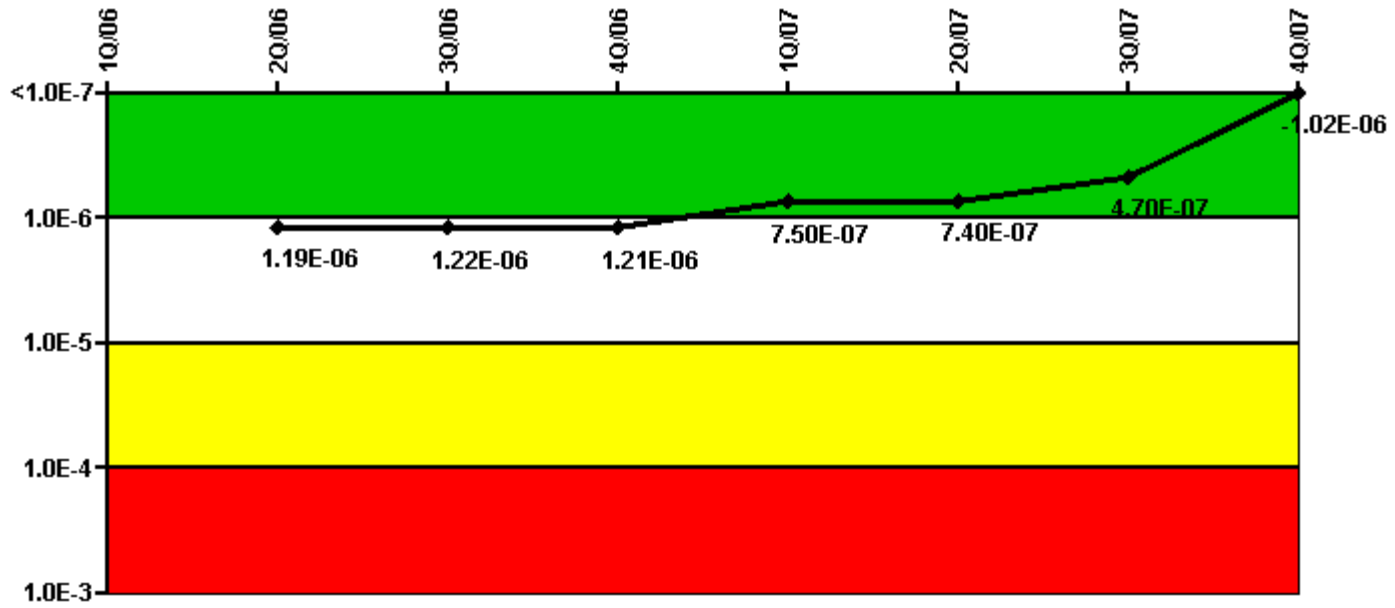
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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)		-4.70E-09	-4.70E-09	-4.70E-09	-4.70E-09	-4.70E-09	-4.70E-09	-4.60E-09
URI (Δ CDF)		-2.80E-08	-2.80E-08	-2.80E-08	-2.80E-08	-2.80E-08	-2.80E-08	-2.80E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-3.27E-08	-3.27E-08	-3.27E-08	-3.27E-08	-3.27E-08	-3.27E-08	-3.26E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



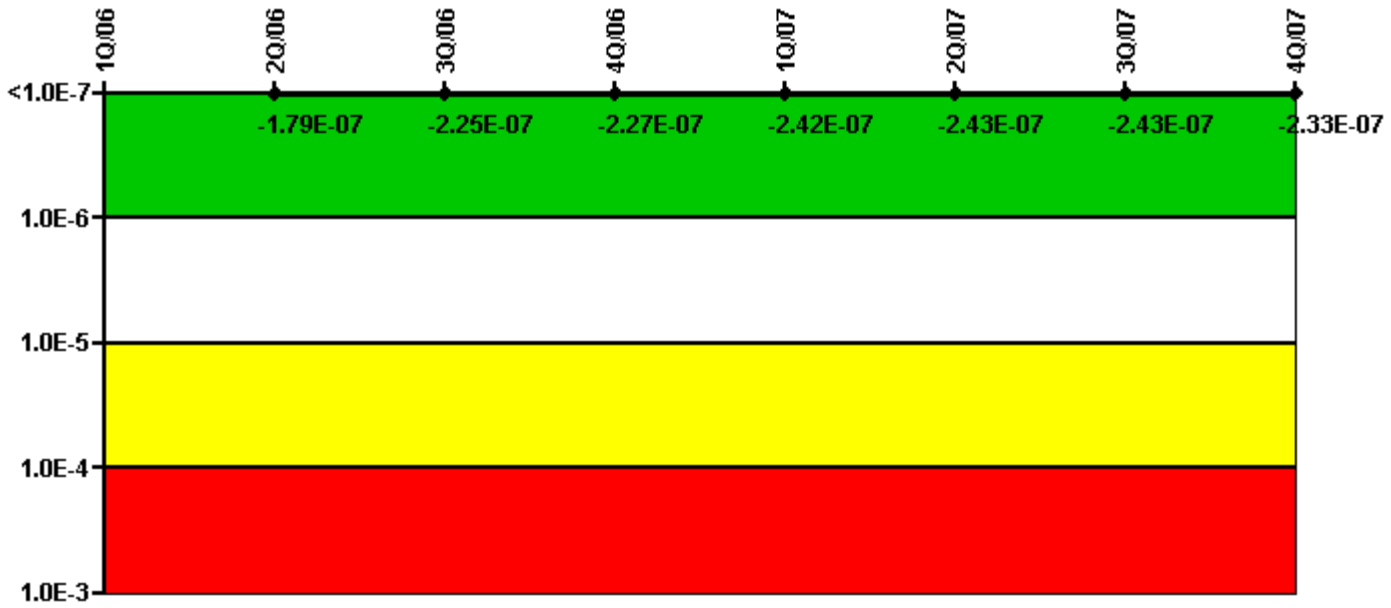
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

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)		$4.20E-07$	$4.50E-07$	$4.40E-07$	$4.20E-07$	$4.10E-07$	$1.70E-07$	$-1.90E-08$
URI (Δ CDF)		$7.70E-07$	$7.70E-07$	$7.70E-07$	$3.30E-07$	$3.30E-07$	$3.00E-07$	$-1.00E-06$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$1.19E-06$	$1.22E-06$	$1.21E-06$	$7.50E-07$	$7.40E-07$	$4.70E-07$	$-1.02E-06$

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



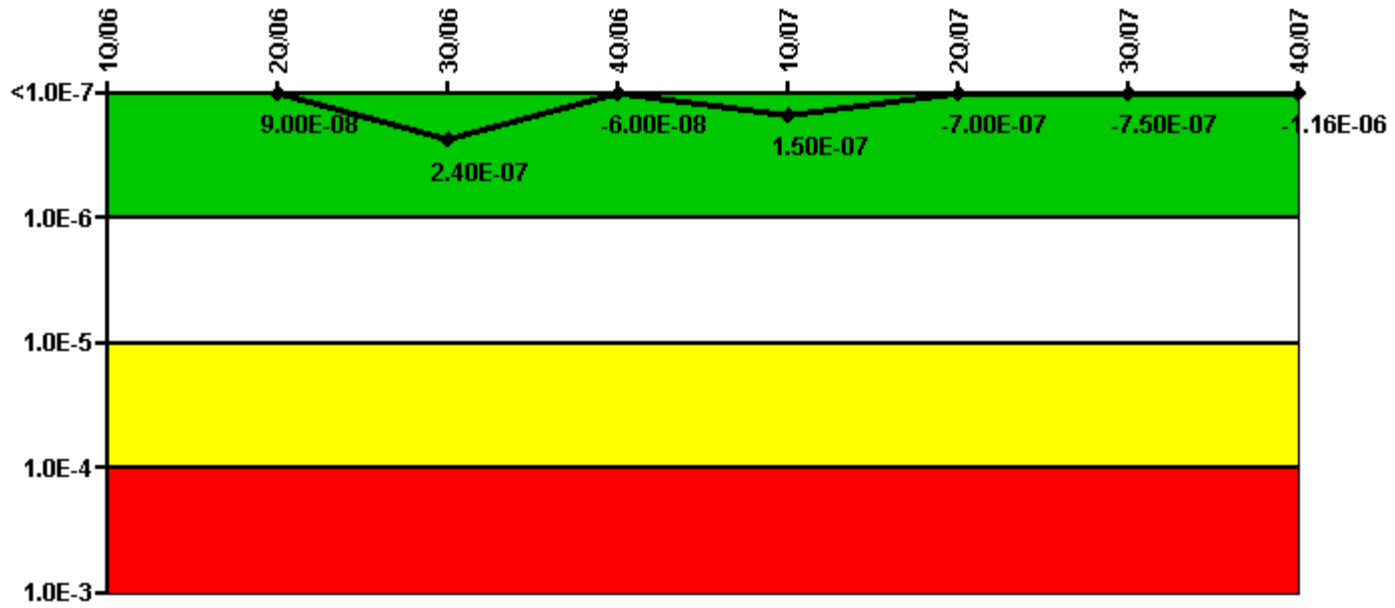
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

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)		$4.10E-08$	$-5.30E-09$	$-6.90E-09$	$-2.20E-08$	$-2.30E-08$	$-2.30E-08$	$-1.30E-08$
URI (Δ CDF)		$-2.20E-07$	$-2.20E-07$	$-2.20E-07$	$-2.20E-07$	$-2.20E-07$	$-2.20E-07$	$-2.20E-07$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-1.79E-07$	$-2.25E-07$	$-2.27E-07$	$-2.42E-07$	$-2.43E-07$	$-2.43E-07$	$-2.33E-07$

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



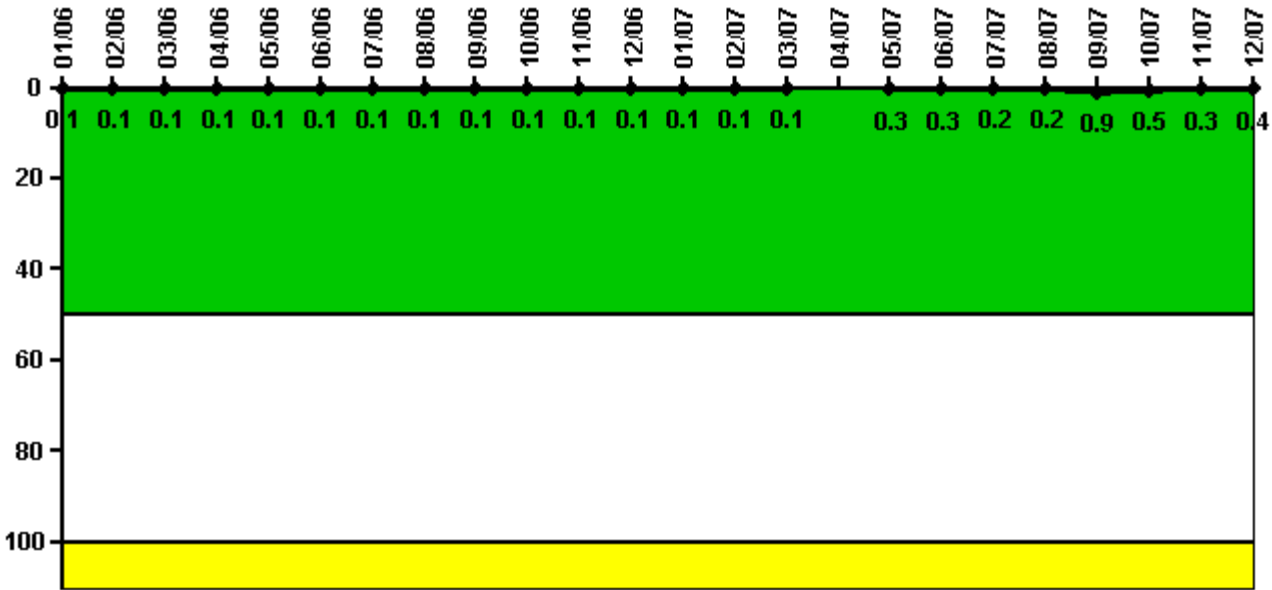
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		7.00E-07	8.50E-07	5.90E-07	8.00E-07	4.00E-07	3.50E-07	-6.30E-08
URI (ΔCDF)		-6.10E-07	-6.10E-07	-6.50E-07	-6.50E-07	-1.10E-06	-1.10E-06	-1.10E-06
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		9.00E-08	2.40E-07	-6.00E-08	1.50E-07	-7.00E-07	-7.50E-07	-1.16E-06

Licensee Comments: none

Reactor Coolant System Activity



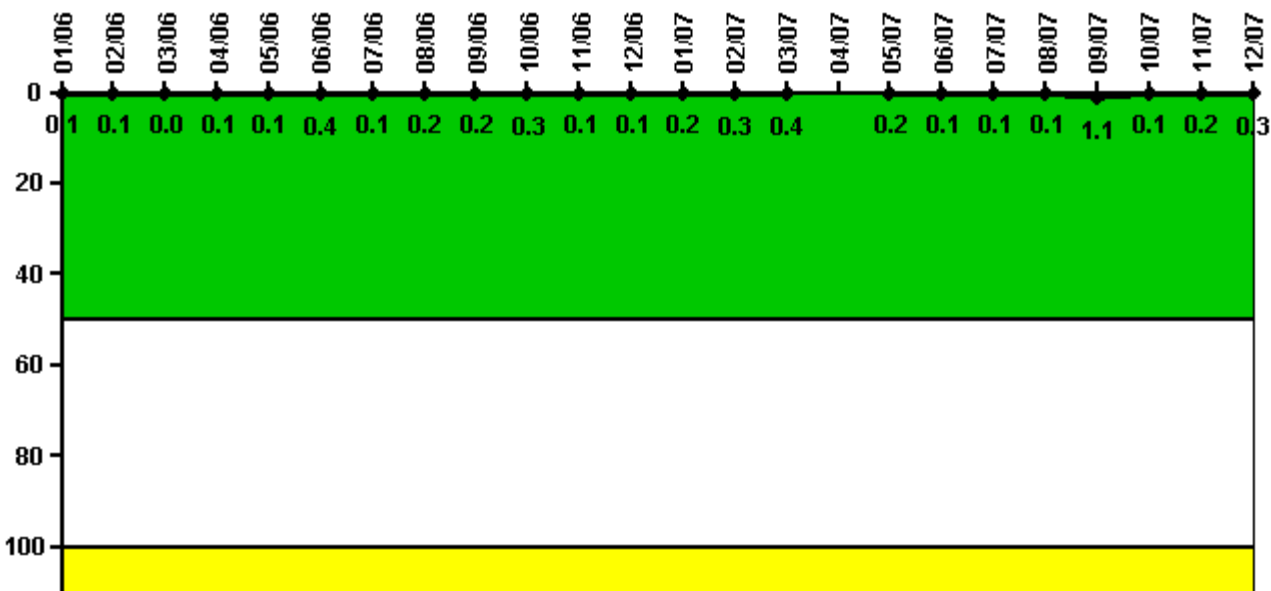
Thresholds: White > 50.0 Yellow > 100.0

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	0.000581	0.000548	0.000550	0.000597	0.000558	0.000583	0.000627	0.000645	0.000643	0.000654	0.000675	0.000670
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	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	0.000978	0.000831	0.001050	N/A	0.002530	0.002730	0.002440	0.002240	0.008790	0.005370	0.003410	0.004370
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	N/A	0.3	0.3	0.2	0.2	0.9	0.5	0.3	0.4

Licensee Comments: none

Reactor Coolant System Leakage



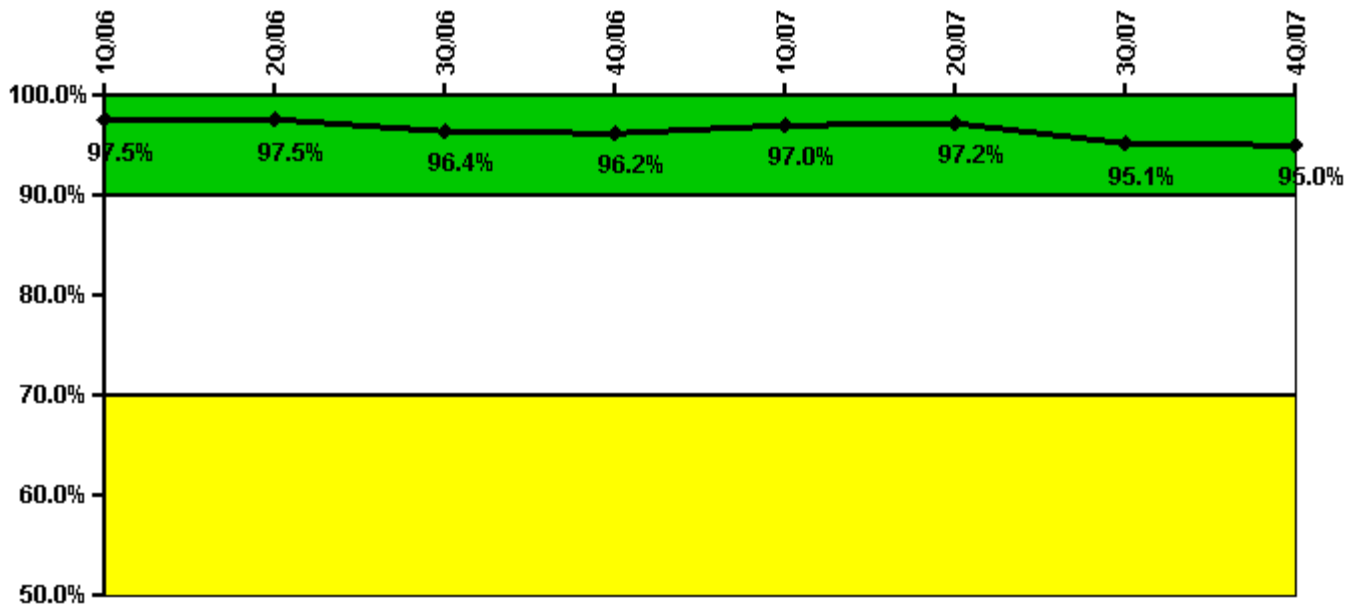
Thresholds: White > 50.0 Yellow > 100.0

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	0.013	0.007	0.003	0.005	0.014	0.035	0.012	0.016	0.023	0.028	0.013	0.014
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	0.1	0.1	0.4	0.1	0.2	0.2	0.3	0.1	0.1
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	0.016	0.025	0.037	N/A	0.016	0.013	0.013	0.013	0.105	0.007	0.018	0.025
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	0.3	0.4	N/A	0.2	0.1	0.1	0.1	1.1	0.1	0.2	0.3

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

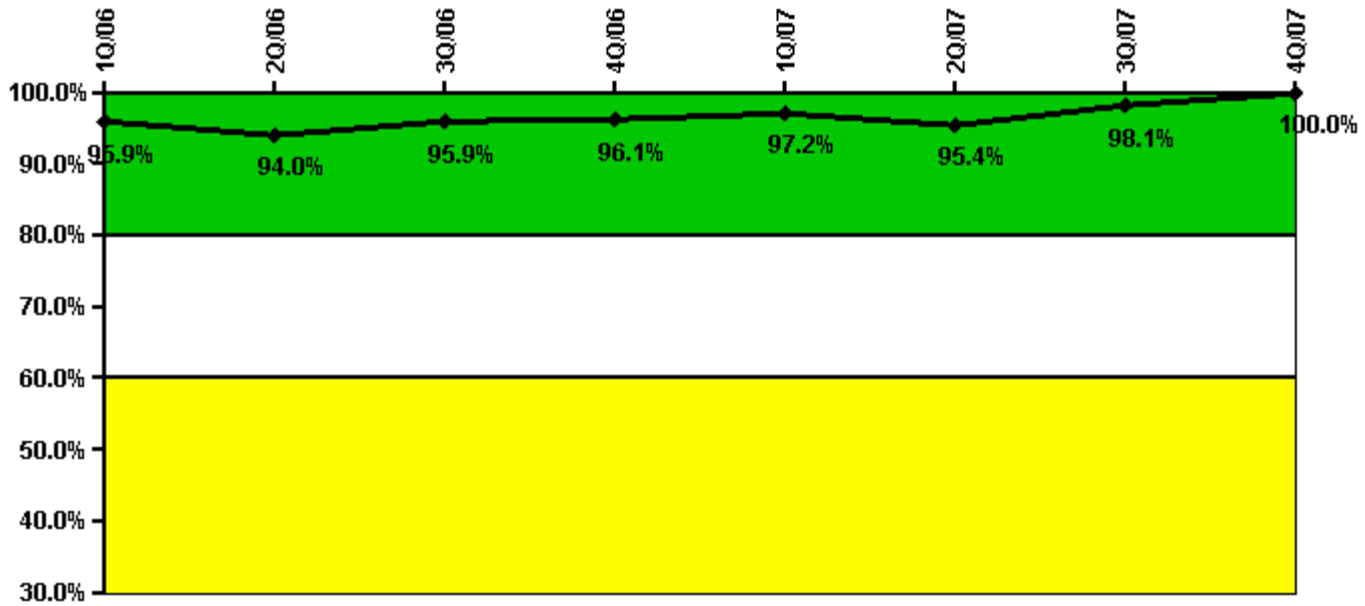
Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	36.0	0	27.0	31.0	18.0	14.0	47.0	16.0
Total opportunities	36.0	0	30.0	32.0	18.0	14.0	52.0	17.0
Indicator value	97.5%	97.5%	96.4%	96.2%	97.0%	97.2%	95.1%	95.0%

Licensee Comments:

3Q/07: EP DEP data is being changed to include information from a retracted, actual event declaration which was initially omitted from third quarter 2007 data. DEP data for the third quarter 2007 is corrected from 46 of 50 opportunities to 47 of 52 opportunities. This revision did not result in a change to the color of the indicator.

ERO Drill Participation



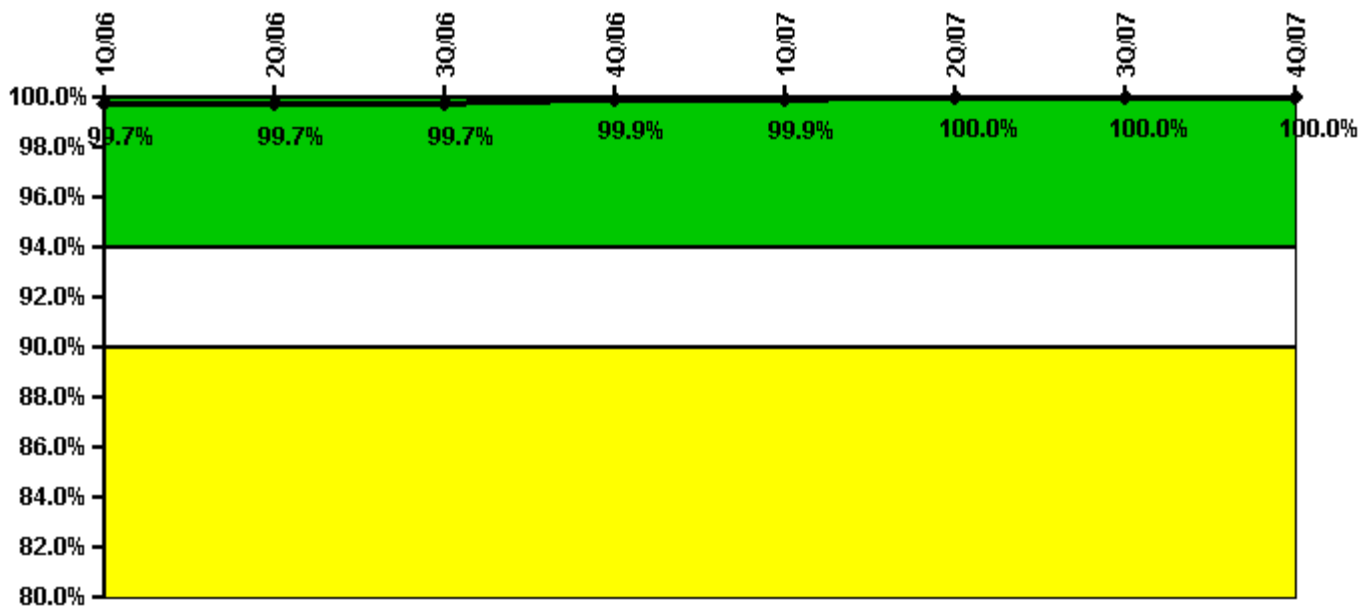
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	94.0	94.0	93.0	99.0	105.0	103.0	103.0	107.0
Total Key personnel	98.0	100.0	97.0	103.0	108.0	108.0	105.0	107.0
Indicator value	95.9%	94.0%	95.9%	96.1%	97.2%	95.4%	98.1%	100.0%

Licensee Comments: none

Alert & Notification System



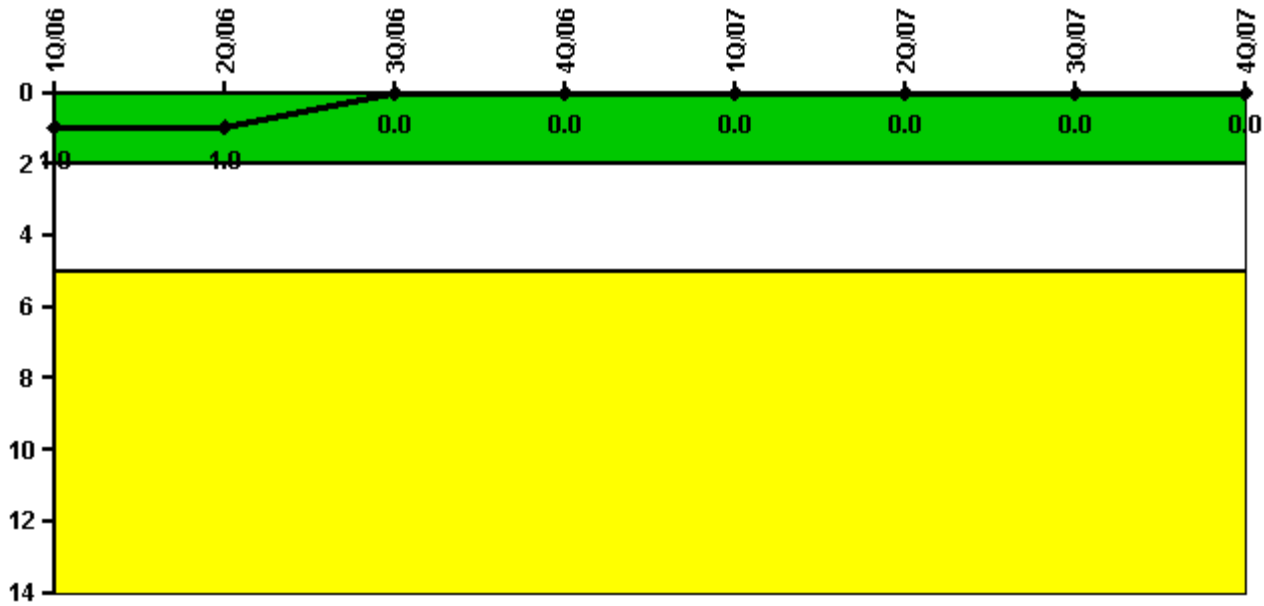
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	377	375	377	377	377	377	377	377
Total sirens-tests	377	377	377	377	377	377	377	377
Indicator value	99.7%	99.7%	99.7%	99.9%	99.9%	100.0%	100.0%	100.0%

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	1	1	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