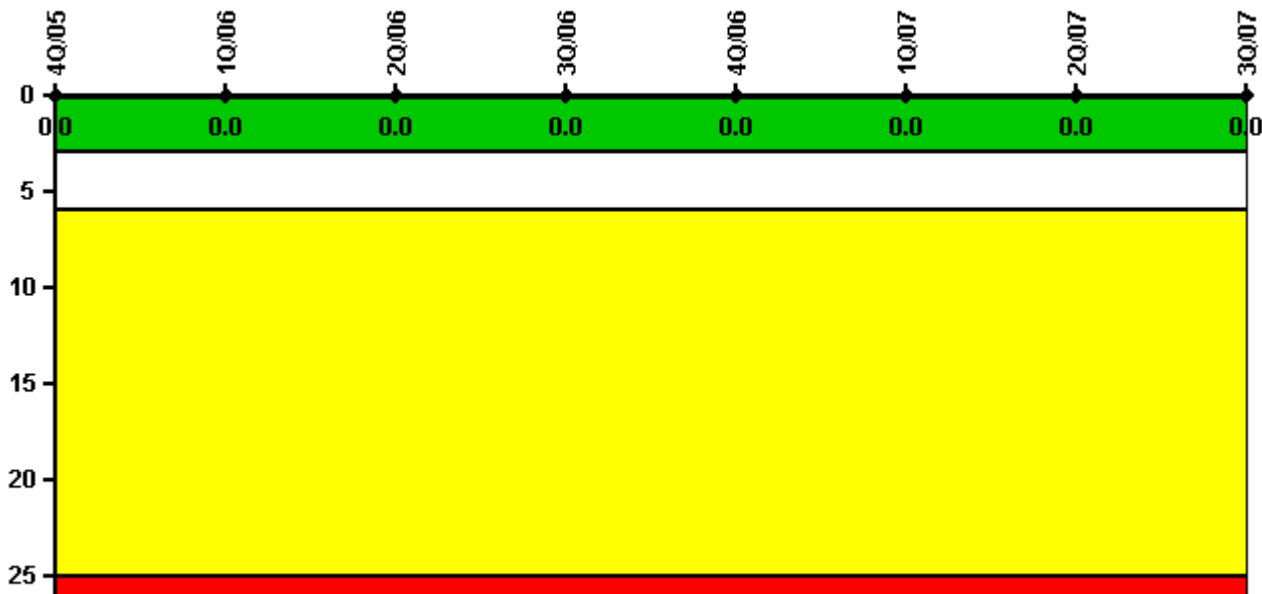


Saint Lucie 1

3Q/2007 Performance Indicators

Licensee's General Comments: USwC implementation; correction to 2Q/2007 Occupational Radiation data

Unplanned Scrams per 7000 Critical Hrs



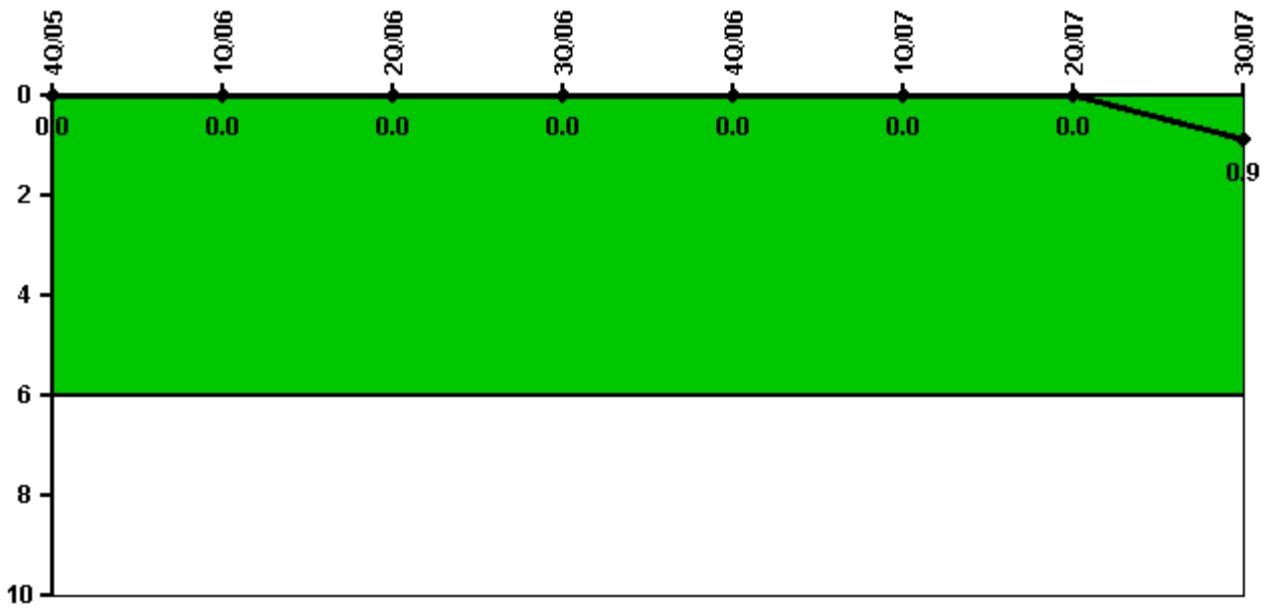
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	692.0	2160.0	2183.0	2208.0	2209.0	2159.0	871.7	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



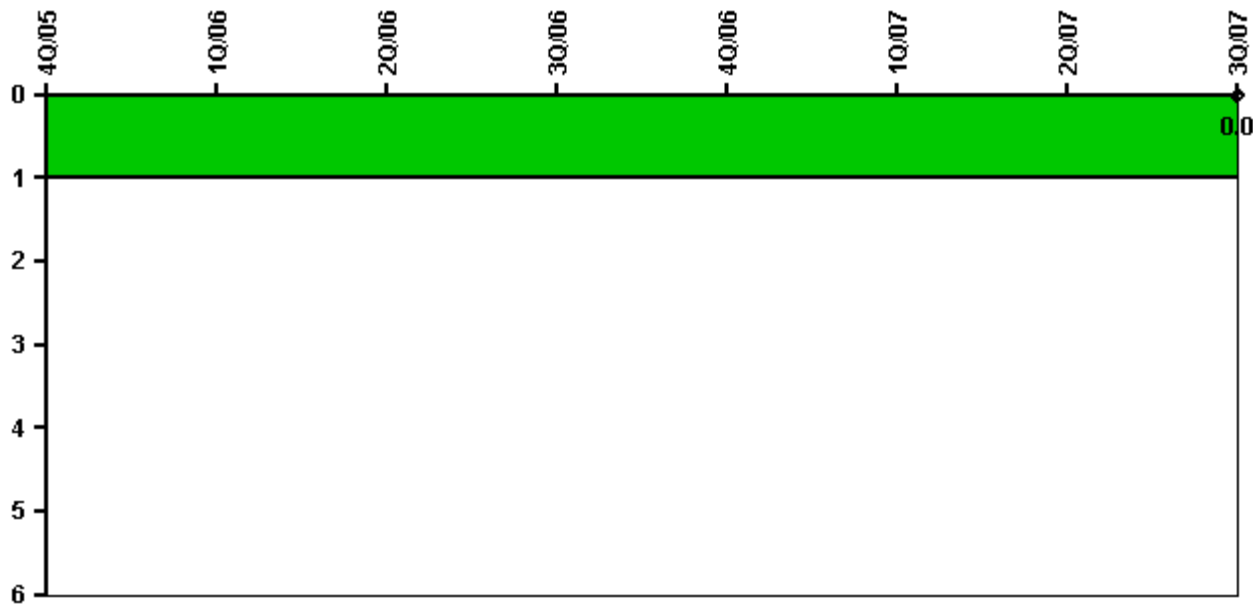
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	692.0	2160.0	2183.0	2208.0	2209.0	2159.0	871.7	2208.0
Indicator value	0	0	0	0	0	0	0	0.9

Licensee Comments: none

Unplanned Scrams with Complications



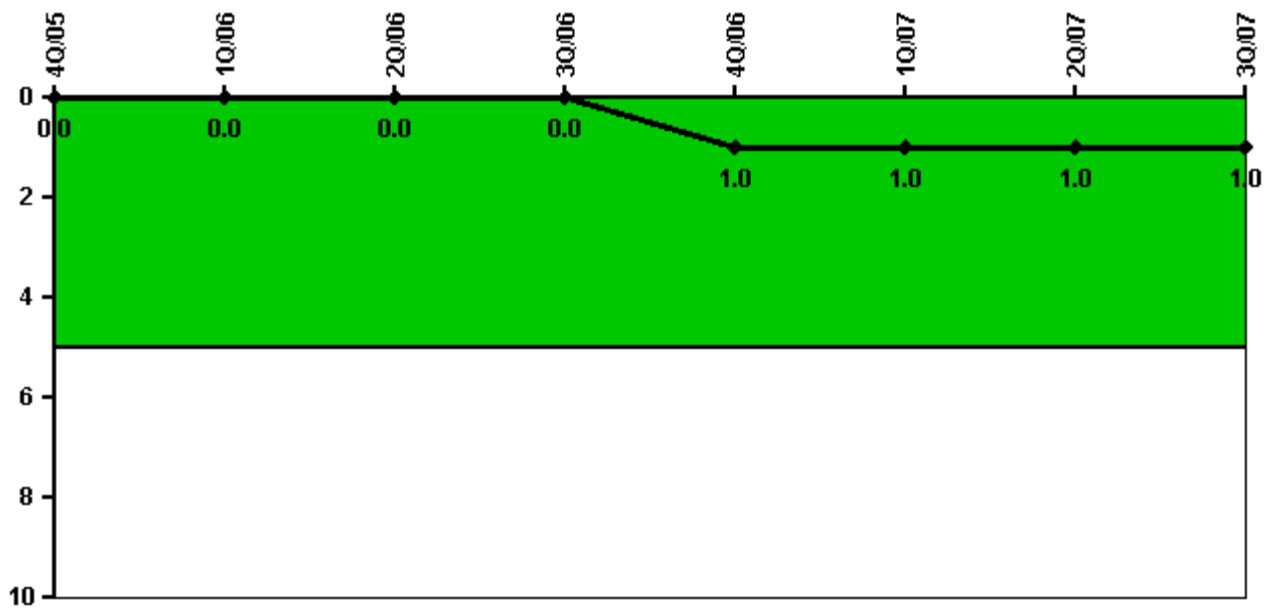
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Scrams with complications					0	0	0	0
Indicator value								0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



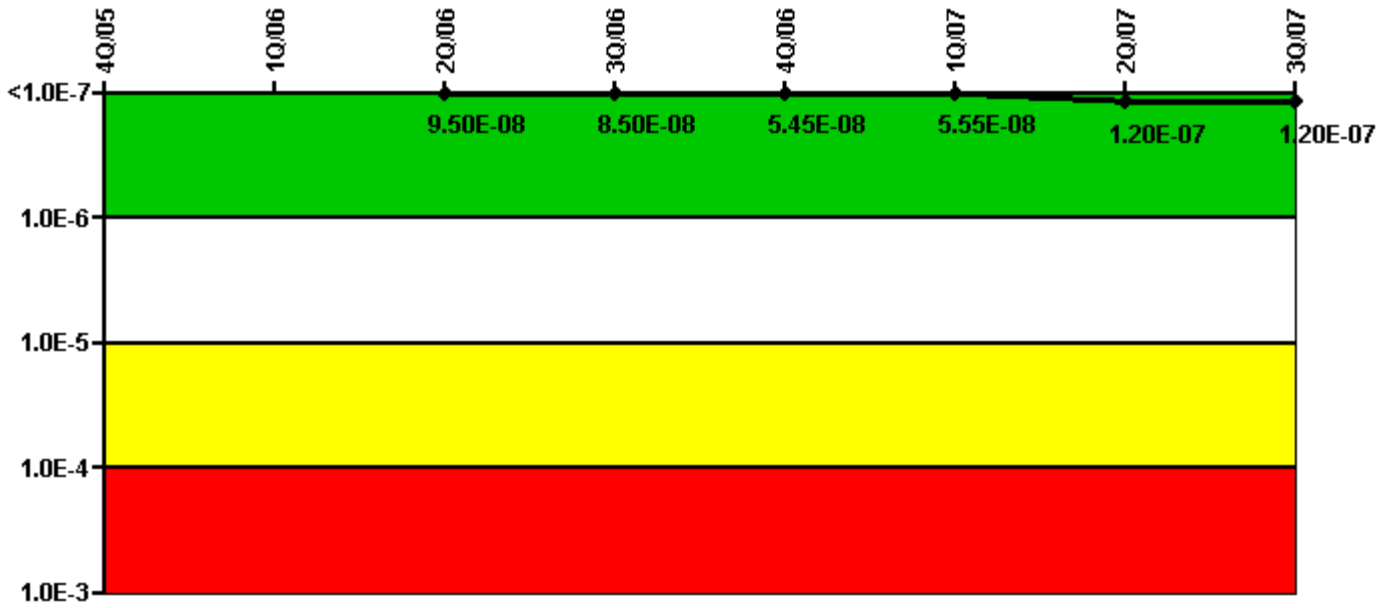
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



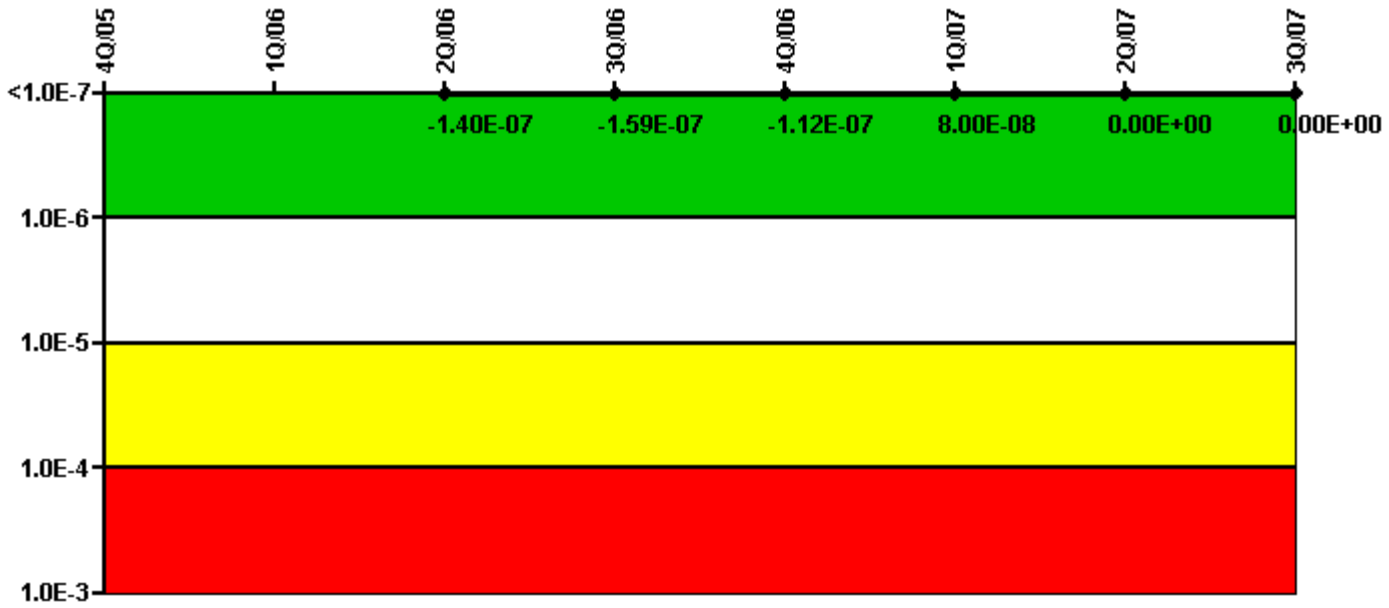
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			$1.50E-07$	$1.40E-07$	$5.10E-08$	$5.20E-08$	$1.10E-07$	$1.10E-07$
URI (Δ CDF)			$-5.50E-08$	$-5.50E-08$	$3.50E-09$	$3.50E-09$	$9.80E-09$	$9.80E-09$
PLE			NO	NO	NO	NO	NO	NO
Indicator value			$9.50E-08$	$8.50E-08$	$5.45E-08$	$5.55E-08$	$1.20E-07$	$1.20E-07$

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



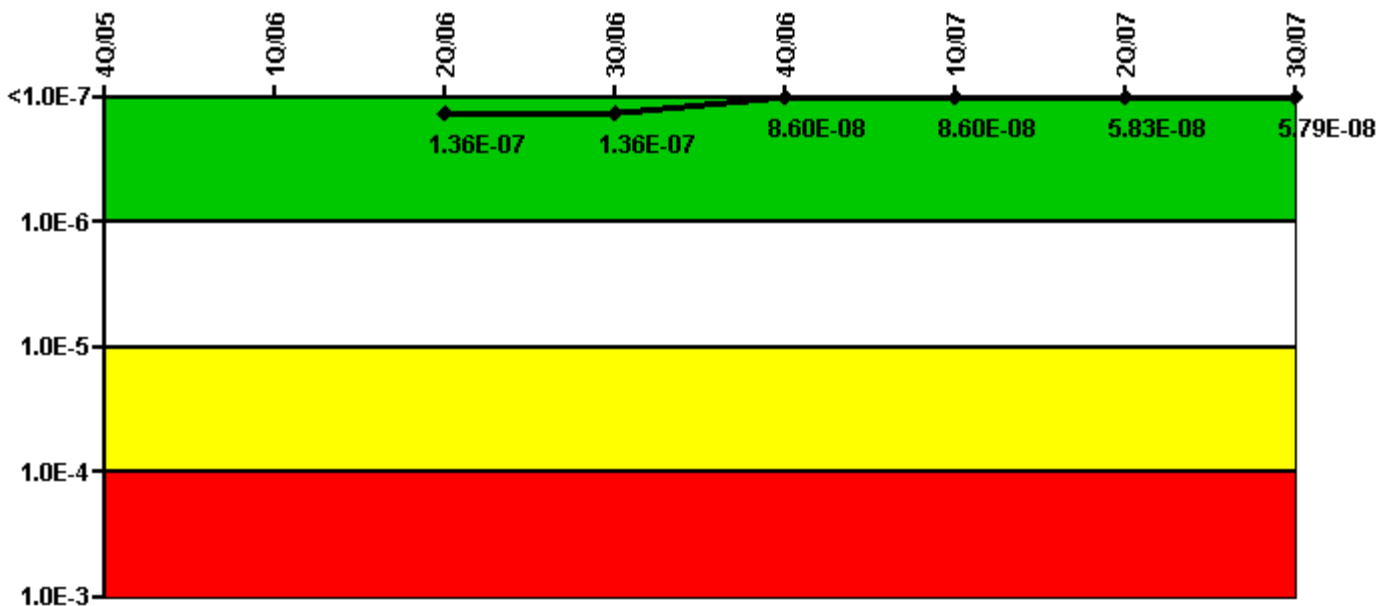
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			$6.00E-08$	$4.10E-08$	$2.80E-08$	$2.20E-07$	$1.10E-07$	$1.10E-07$
URI (Δ CDF)			$-2.00E-07$	$-2.00E-07$	$-1.40E-07$	$-1.40E-07$	$-1.10E-07$	$-1.10E-07$
PLE			NO	NO	NO	NO	NO	NO
Indicator value			$-1.40E-07$	$-1.59E-07$	$-1.12E-07$	$8.00E-08$	$0.00E+00$	$0.00E+00$

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



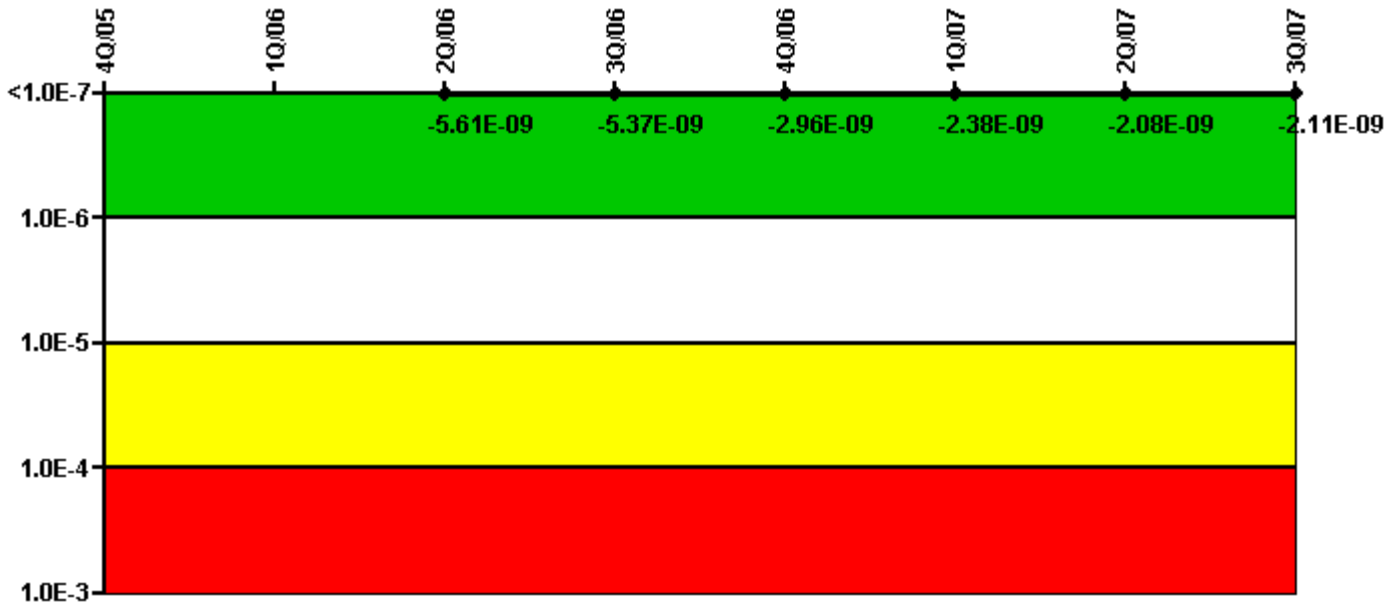
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			2.60E-08	2.60E-08	2.20E-08	2.20E-08	-2.70E-09	-3.10E-09
URI (ΔCDF)			1.10E-07	1.10E-07	6.40E-08	6.40E-08	6.10E-08	6.10E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			1.36E-07	1.36E-07	8.60E-08	8.60E-08	5.83E-08	5.79E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



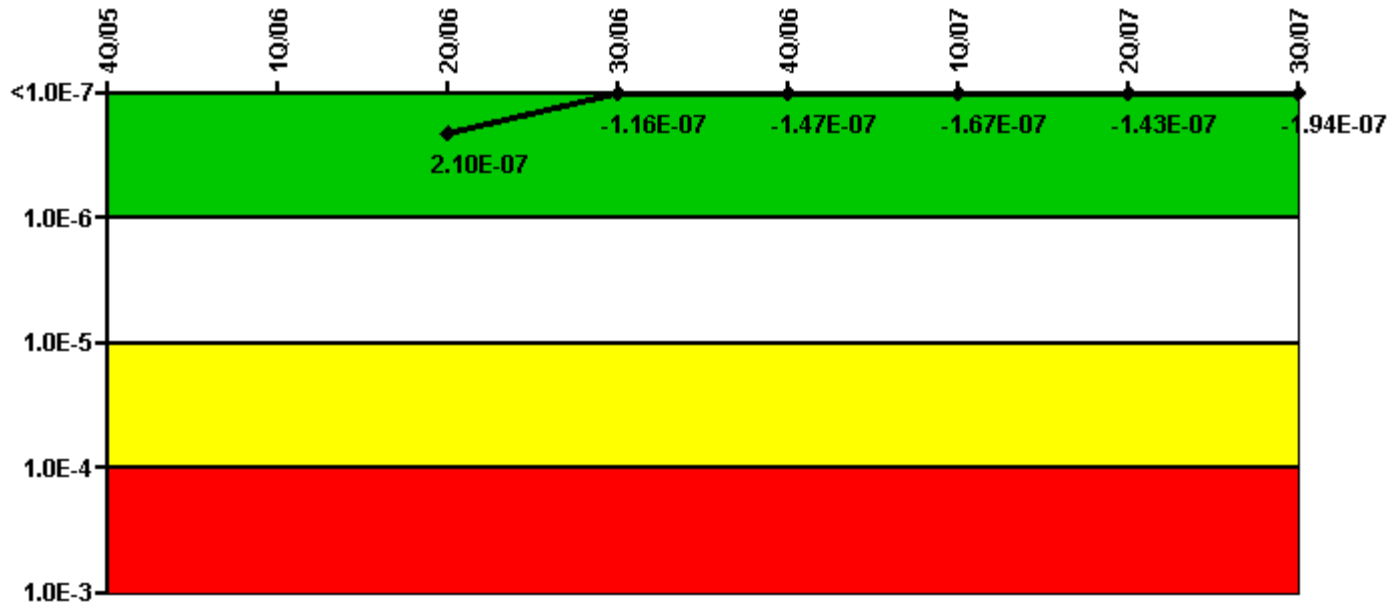
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			-6.10E-10	-3.70E-10	-2.60E-10	3.20E-10	4.20E-10	3.90E-10
URI (Δ CDF)			-5.00E-09	-5.00E-09	-2.70E-09	-2.70E-09	-2.50E-09	-2.50E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-5.61E-09	-5.37E-09	-2.96E-09	-2.38E-09	-2.08E-09	-2.11E-09

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



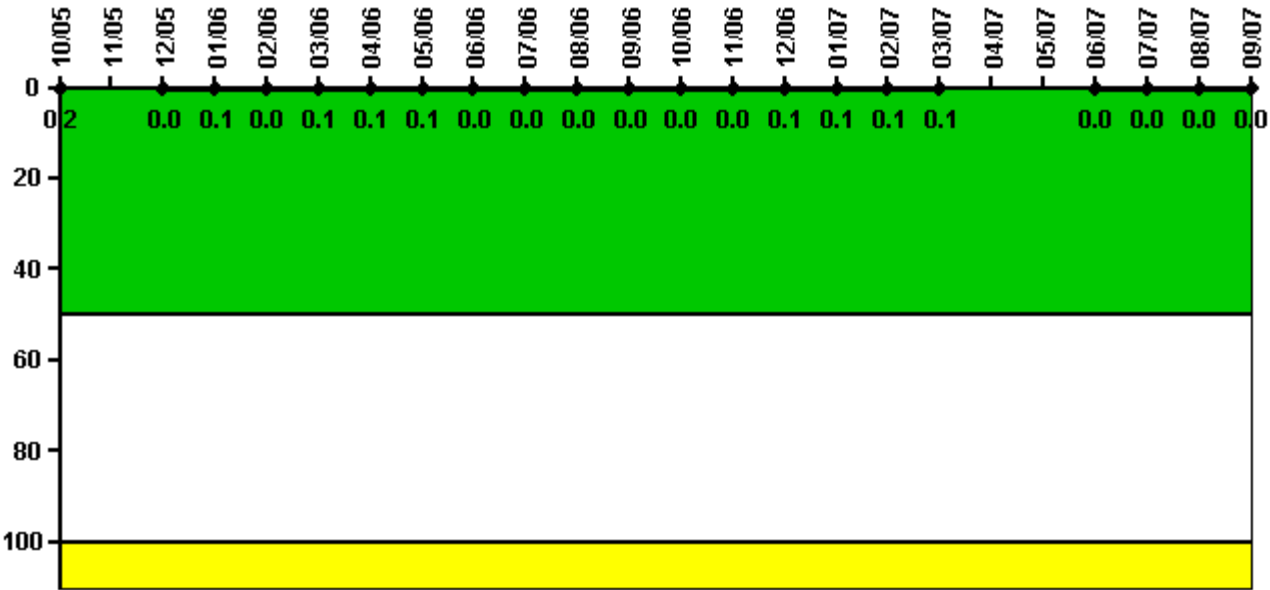
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			1.10E-07	-1.60E-07	-1.40E-07	-1.60E-07	-1.40E-07	-1.90E-07
URI (Δ CDF)			1.00E-07	4.40E-08	-6.80E-09	-6.80E-09	-3.10E-09	-4.00E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			2.10E-07	-1.16E-07	-1.47E-07	-1.67E-07	-1.43E-07	-1.94E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

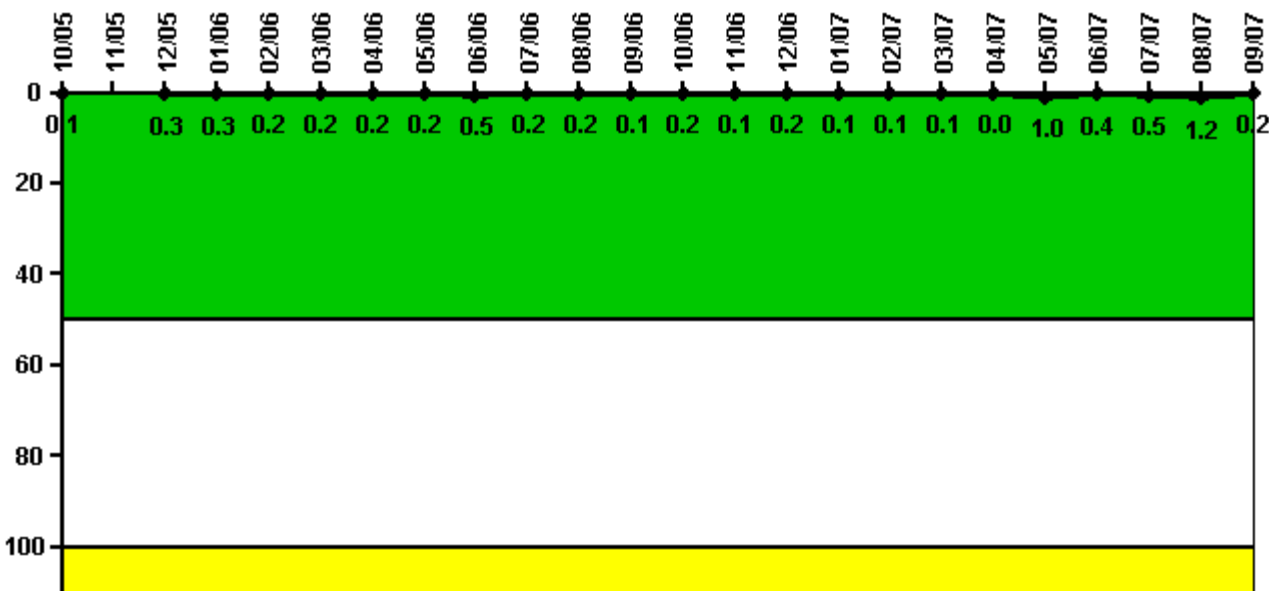
Notes

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.001540	N/A	0.000313	0.001030	0.000481	0.000514	0.000526	0.000519	0.000467	0.000457	0.000467	0.000475
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	N/A	0	0.1	0	0.1	0.1	0.1	0	0	0	0

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	0.000490	0.000499	0.000541	0.000525	0.000709	0.001150	N/A	N/A	0.000210	0.000402	0.000358	0.000193
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	0	0.1	0.1	0.1	0.1	N/A	N/A	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

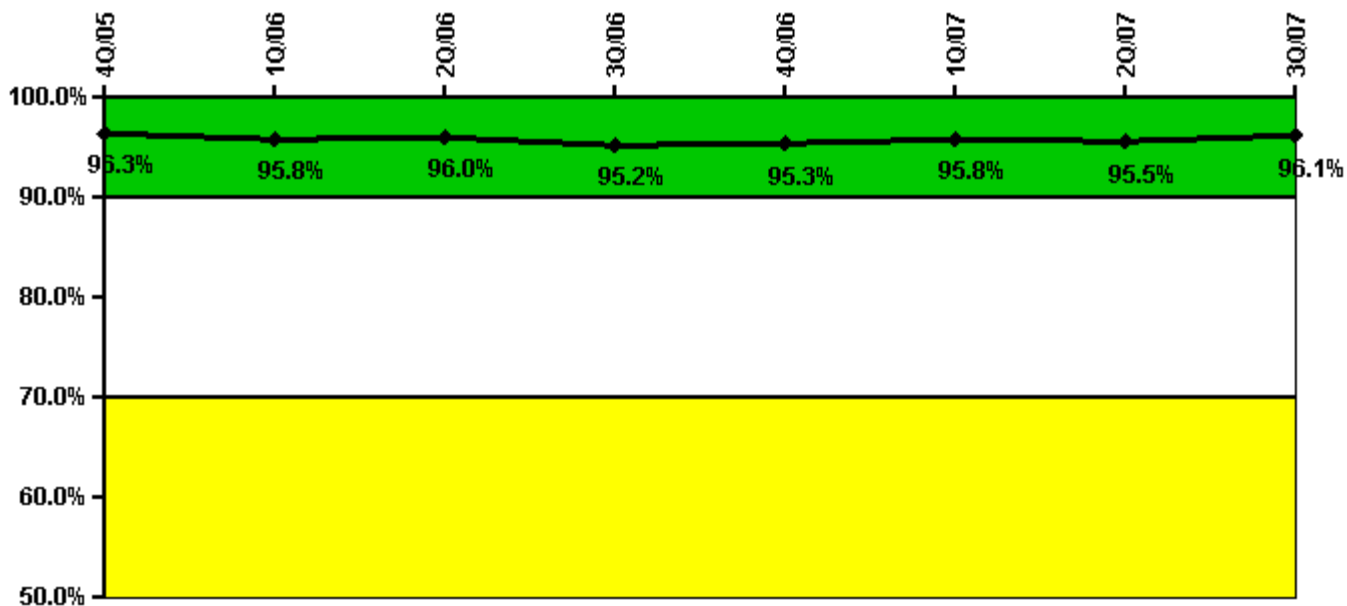
Notes

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.009	N/A	0.030	0.030	0.020	0.020	0.023	0.018	0.045	0.020	0.018	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	N/A	0.3	0.3	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.1

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	0.020	0.010	0.023	0.010	0.010	0.013	0	0.103	0.036	0.050	0.120	0.020
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	0.1	0.2	0.1	0.1	0.1	0	1.0	0.4	0.5	1.2	0.2

Licensee Comments: none

Drill/Exercise Performance



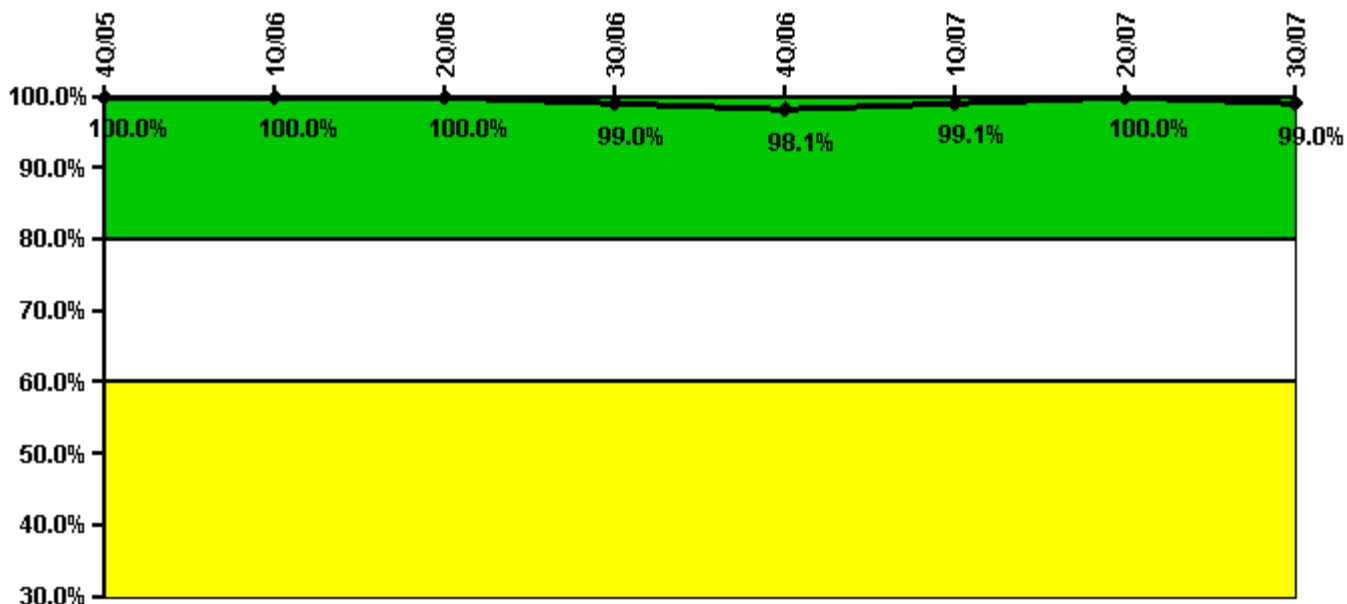
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	9.0	49.0	66.0	71.0	78.0	113.0	38.0	88.0
Total opportunities	10.0	52.0	68.0	78.0	80.0	116.0	39.0	90.0
Indicator value	96.3%	95.8%	96.0%	95.2%	95.3%	95.8%	95.5%	96.1%

Licensee Comments: none

ERO Drill Participation



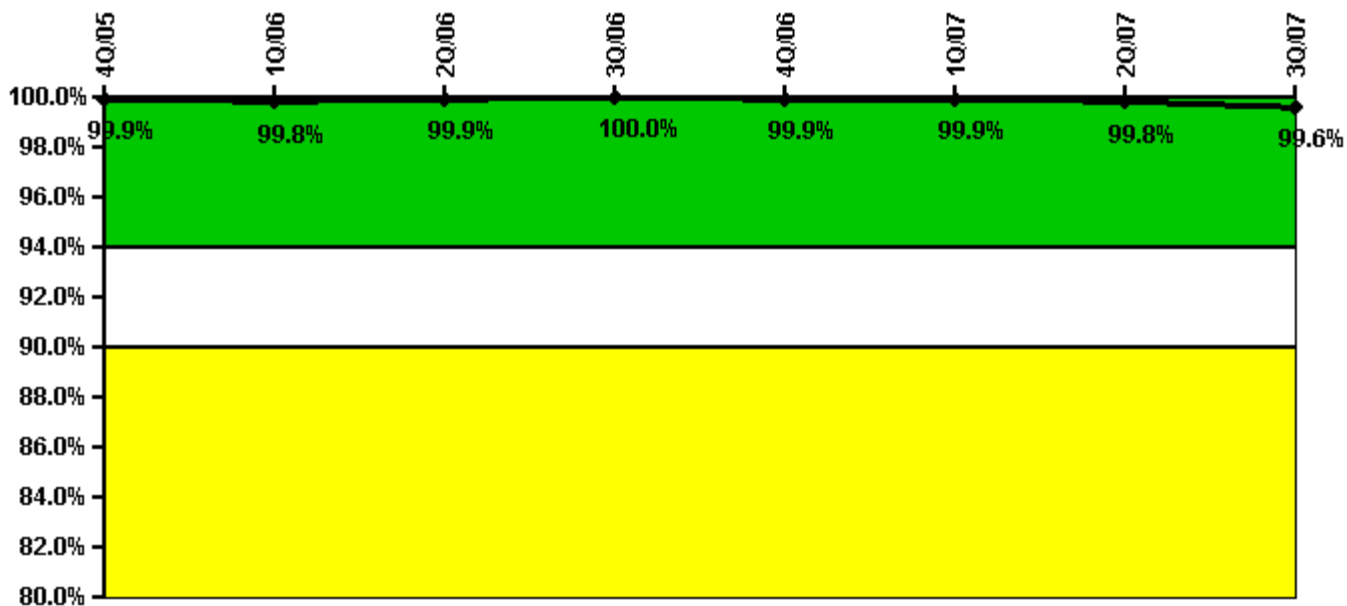
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	87.0	81.0	91.0	98.0	104.0	106.0	102.0	98.0
Total Key personnel	87.0	81.0	91.0	99.0	106.0	107.0	102.0	99.0
Indicator value	100.0%	100.0%	100.0%	99.0%	98.1%	99.1%	100.0%	99.0%

Licensee Comments: none

Alert & Notification System



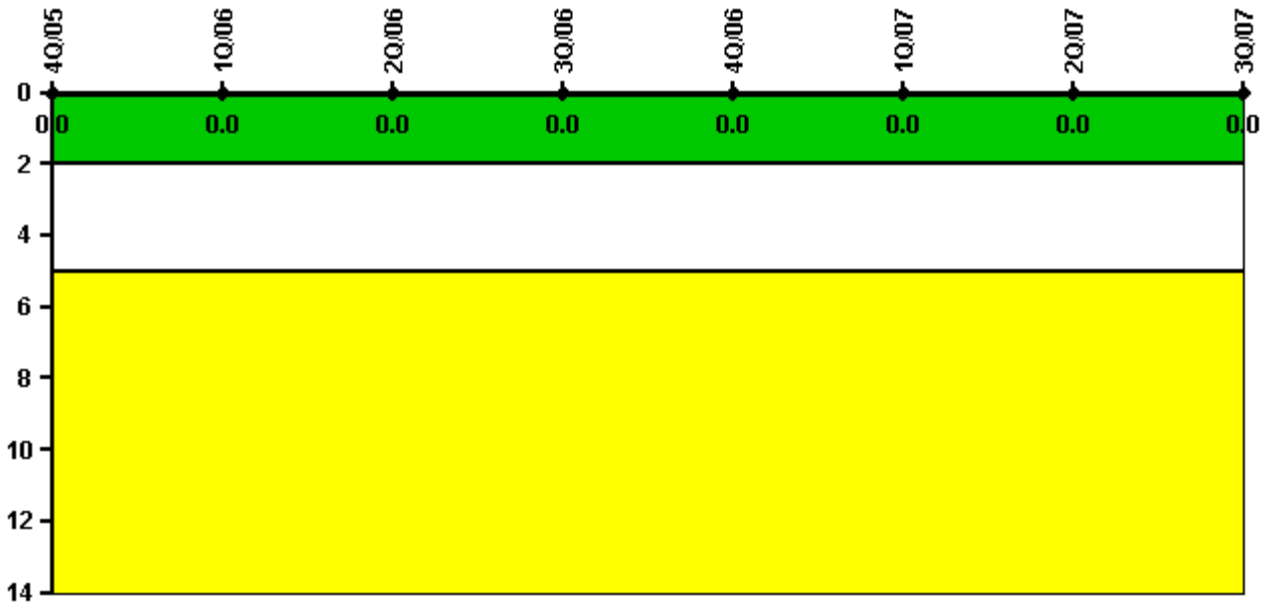
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	536	719	630	630	629	719	627	714
Total sirens-tests	536	720	630	630	630	720	630	720
Indicator value	99.9%	99.8%	99.9%	100.0%	99.9%	99.9%	99.8%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

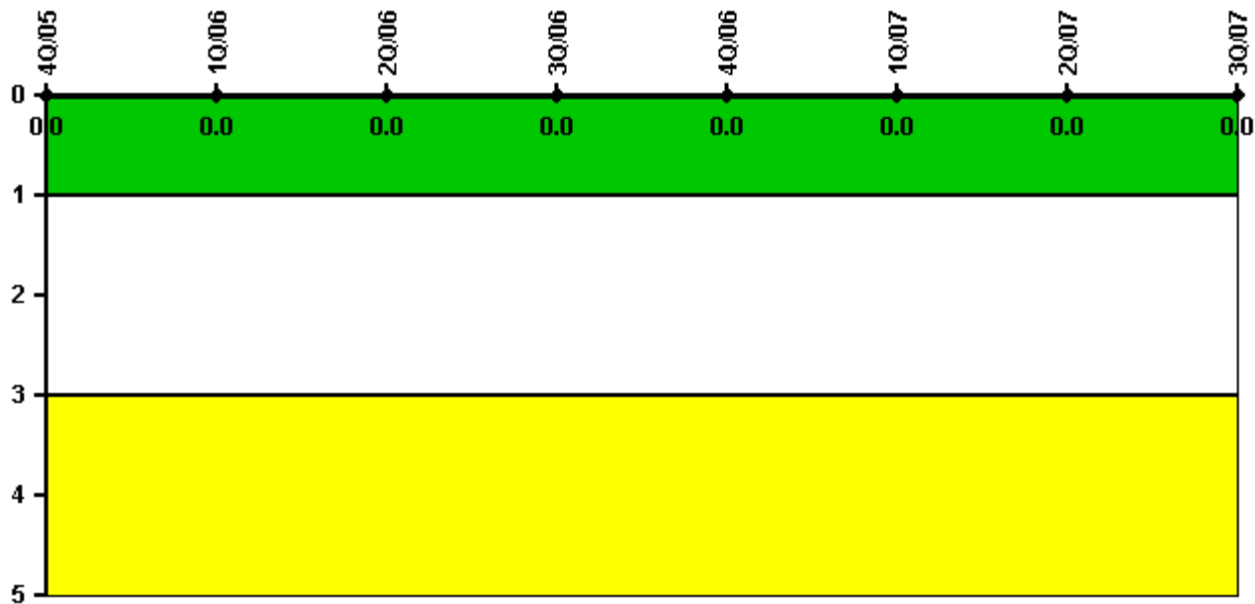
Notes

Occupational Exposure Control Effectiveness	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/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:

2Q/07: April High radiation area occurrences Data corrected from "1" to "0" based on subsequent NRC Region 2 and NRR concurrence that the event in question did not represent a locked high radiation area occurrence.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/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: December 7, 2007