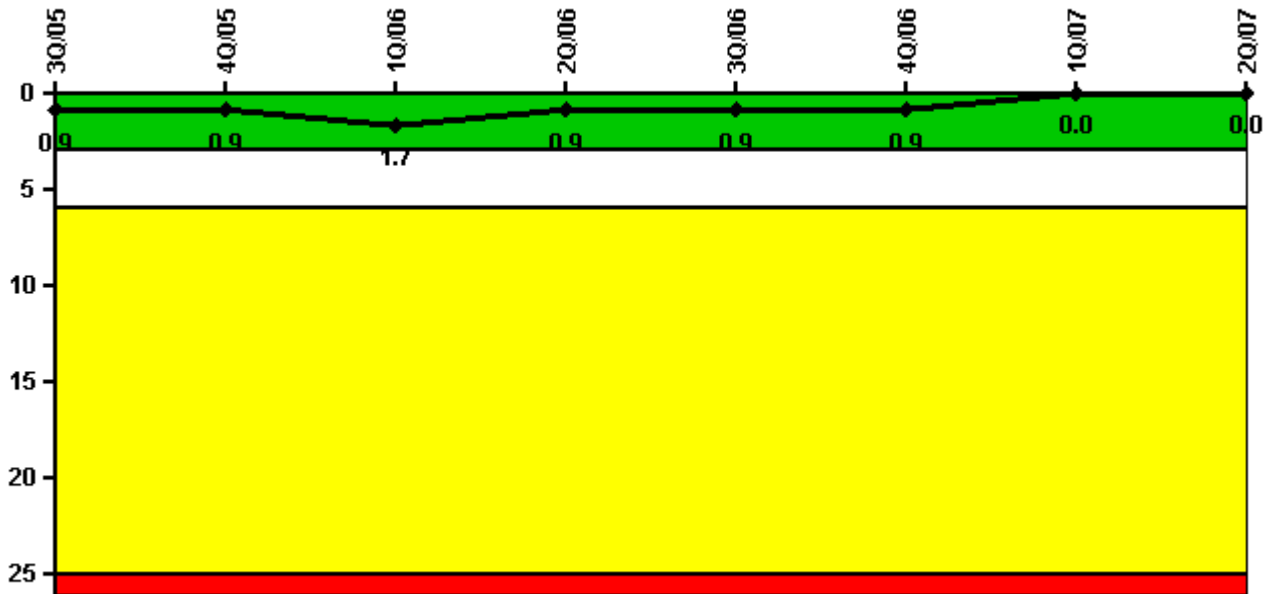


Quad Cities 1

2Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



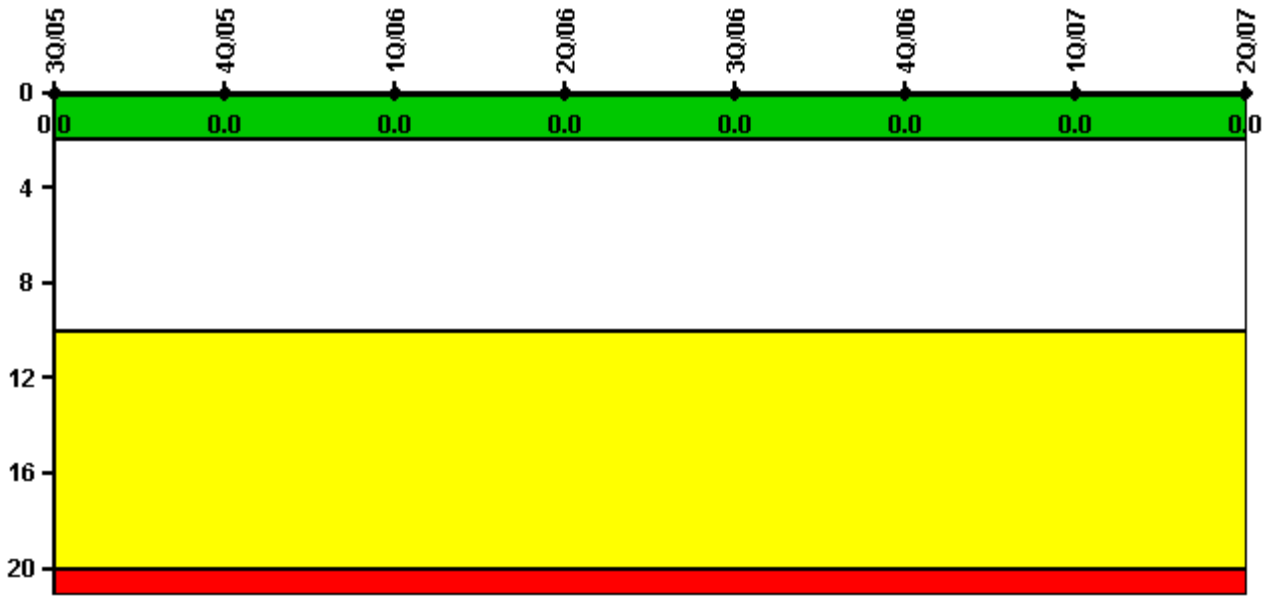
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	2009.0	1789.8	2208.0	2209.0	2159.0	1755.3
Indicator value	0.9	0.9	1.7	0.9	0.9	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



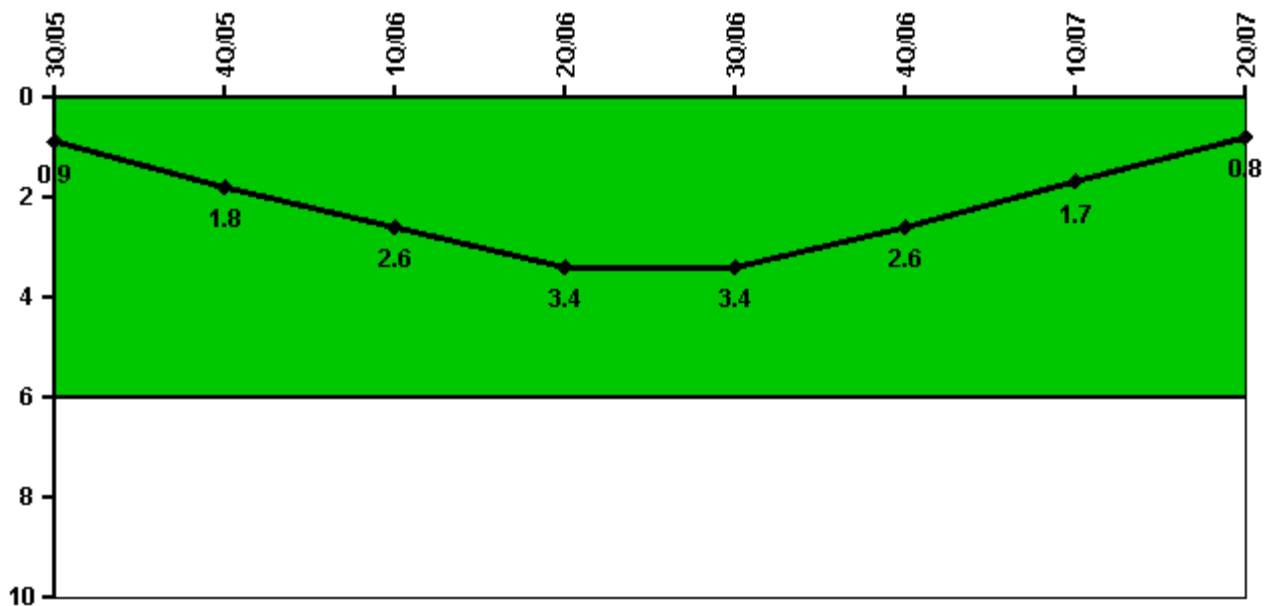
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



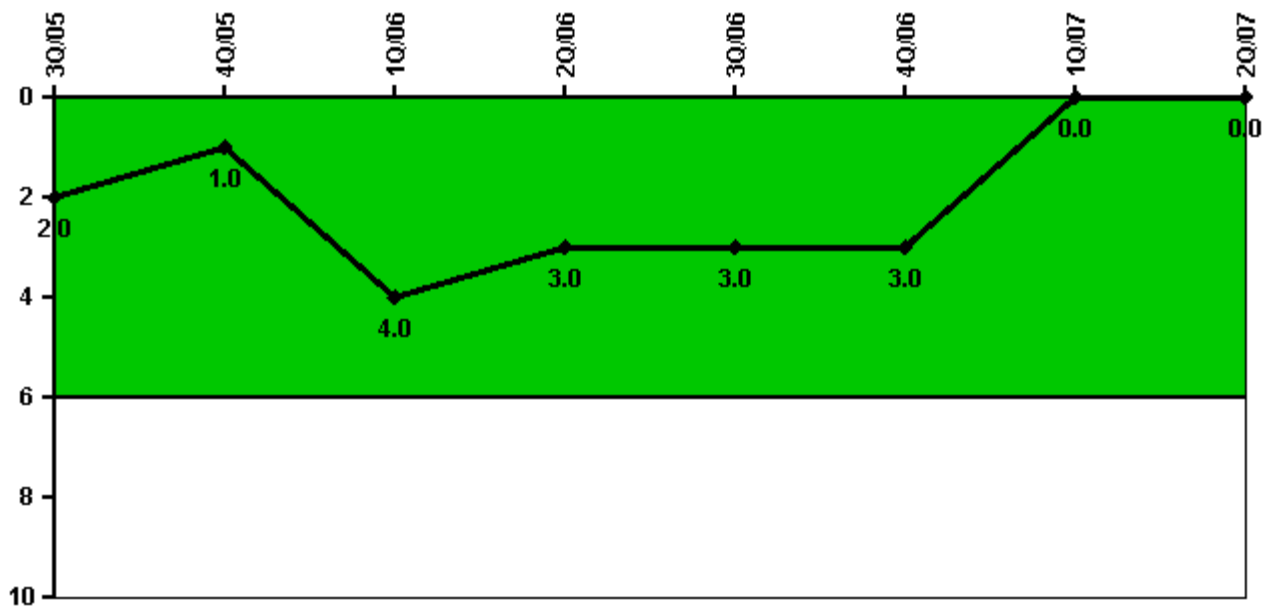
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	1.0	1.0	1.0	1.0	1.0	0	0	0
Critical hours	2208.0	2209.0	2009.0	1789.8	2208.0	2209.0	2159.0	1755.3
Indicator value	0.9	1.8	2.6	3.4	3.4	2.6	1.7	0.8

Licensee Comments: none

Safety System Functional Failures (BWR)



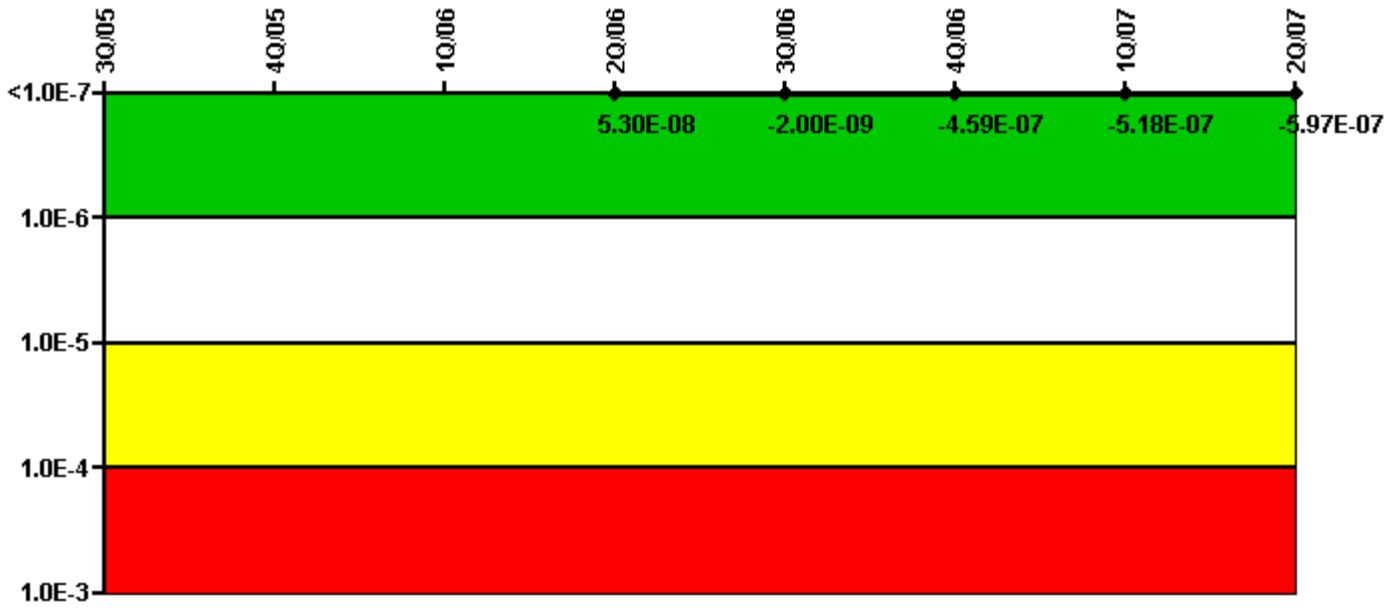
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



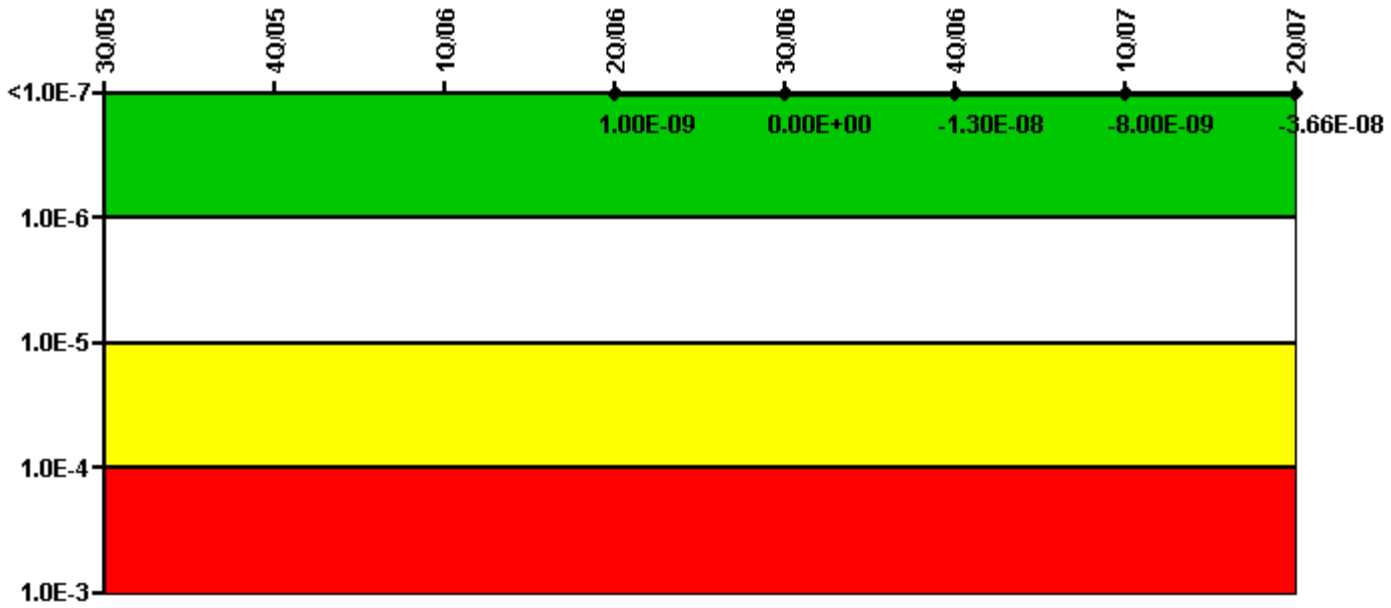
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				1.40E-07	6.10E-08	1.10E-08	2.30E-09	-5.70E-08
URI (ΔCDF)				-8.70E-08	-6.30E-08	-4.70E-07	-5.20E-07	-5.40E-07
PLE				NO	NO	NO	NO	NO
Indicator value				5.30E-08	-2.00E-09	-4.59E-07	-5.18E-07	-5.97E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



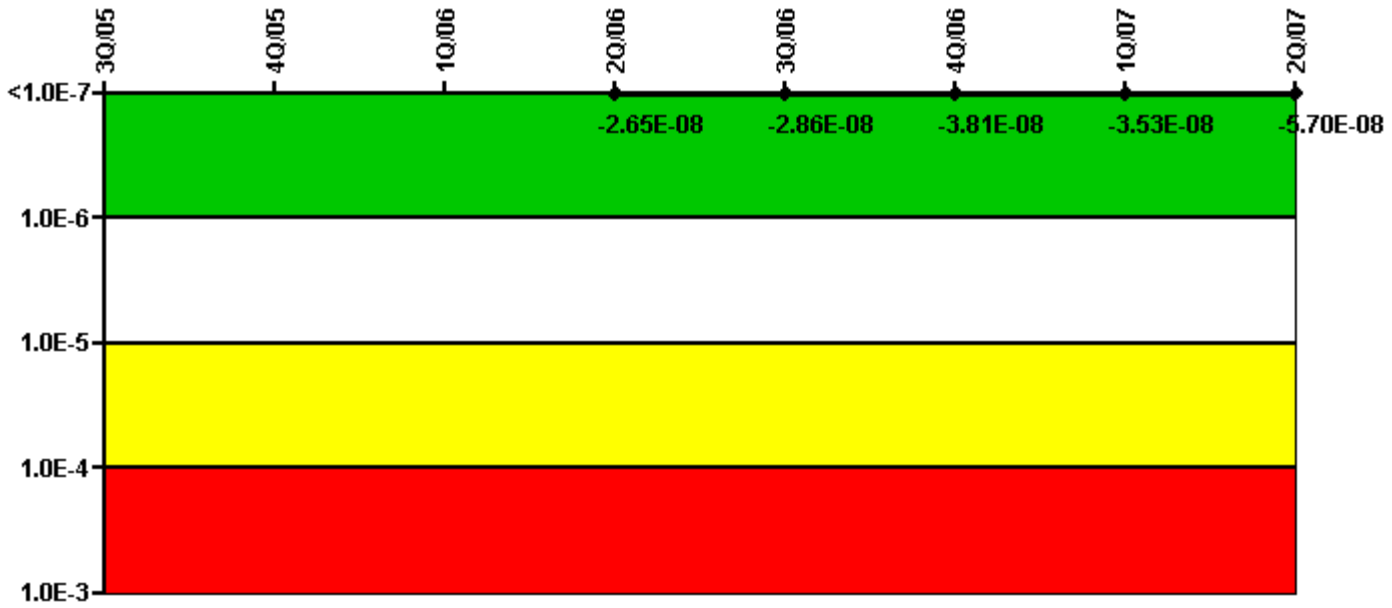
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				$4.40E-08$	$4.30E-08$	$3.00E-08$	$3.50E-08$	$6.40E-09$
URI (Δ CDF)				$-4.30E-08$	$-4.30E-08$	$-4.30E-08$	$-4.30E-08$	$-4.30E-08$
PLE				NO	NO	NO	NO	NO
Indicator value				$1.00E-09$	$0.00E+00$	$-1.30E-08$	$-8.00E-09$	$-3.66E-08$

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



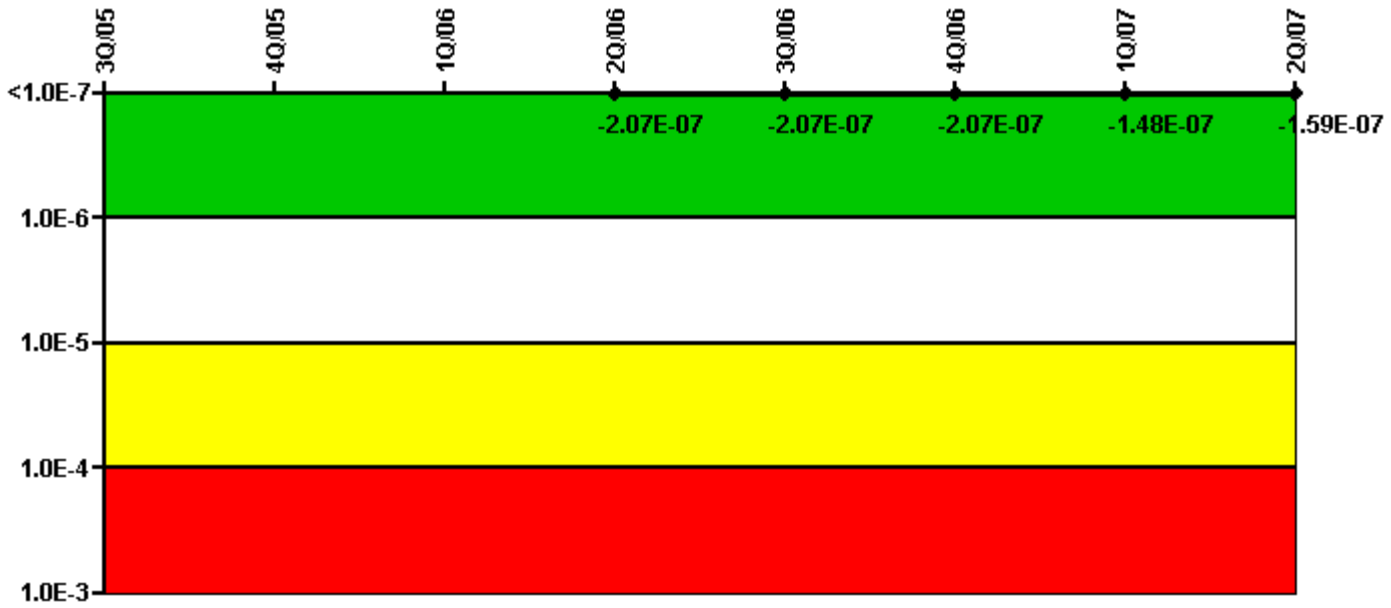
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				5.50E-09	3.40E-09	-6.10E-09	-3.30E-09	-2.30E-08
URI (Δ CDF)				-3.20E-08	-3.20E-08	-3.20E-08	-3.20E-08	-3.40E-08
PLE				NO	NO	NO	NO	NO
Indicator value				-2.65E-08	-2.86E-08	-3.81E-08	-3.53E-08	-5.70E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



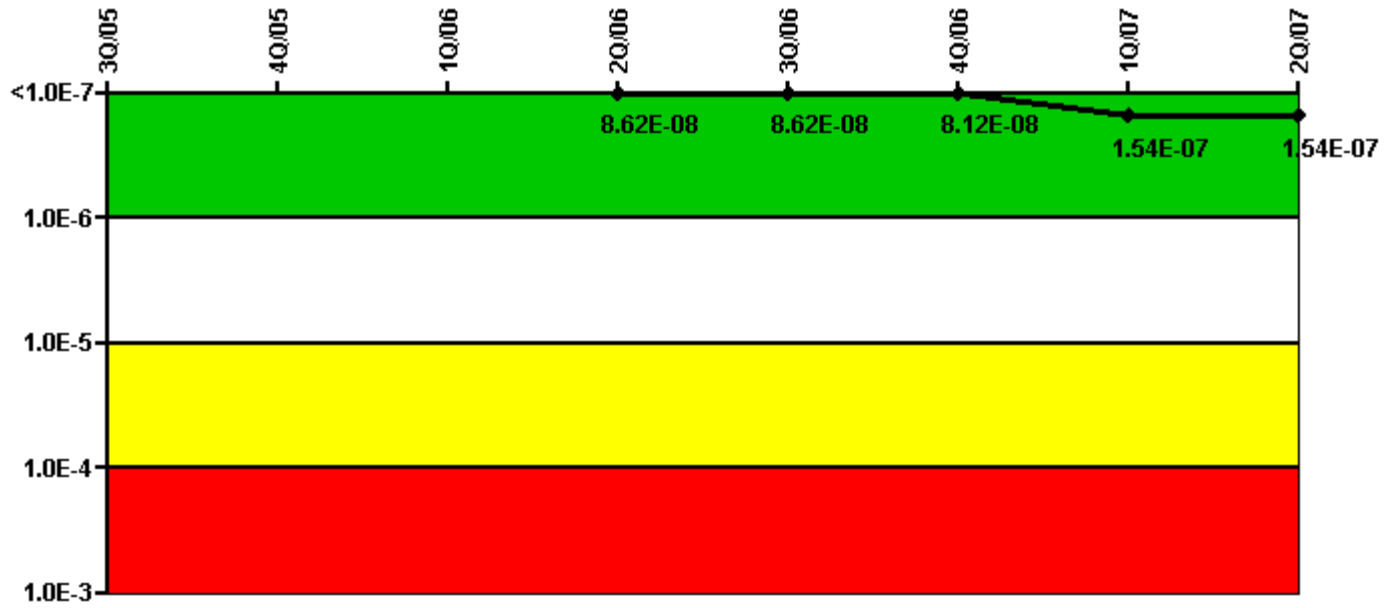
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				-7.70E-08	-7.70E-08	-7.70E-08	-2.80E-08	-3.90E-08
URI (Δ CDF)				-1.30E-07	-1.30E-07	-1.30E-07	-1.20E-07	-1.20E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-2.07E-07	-2.07E-07	-2.07E-07	-1.48E-07	-1.59E-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

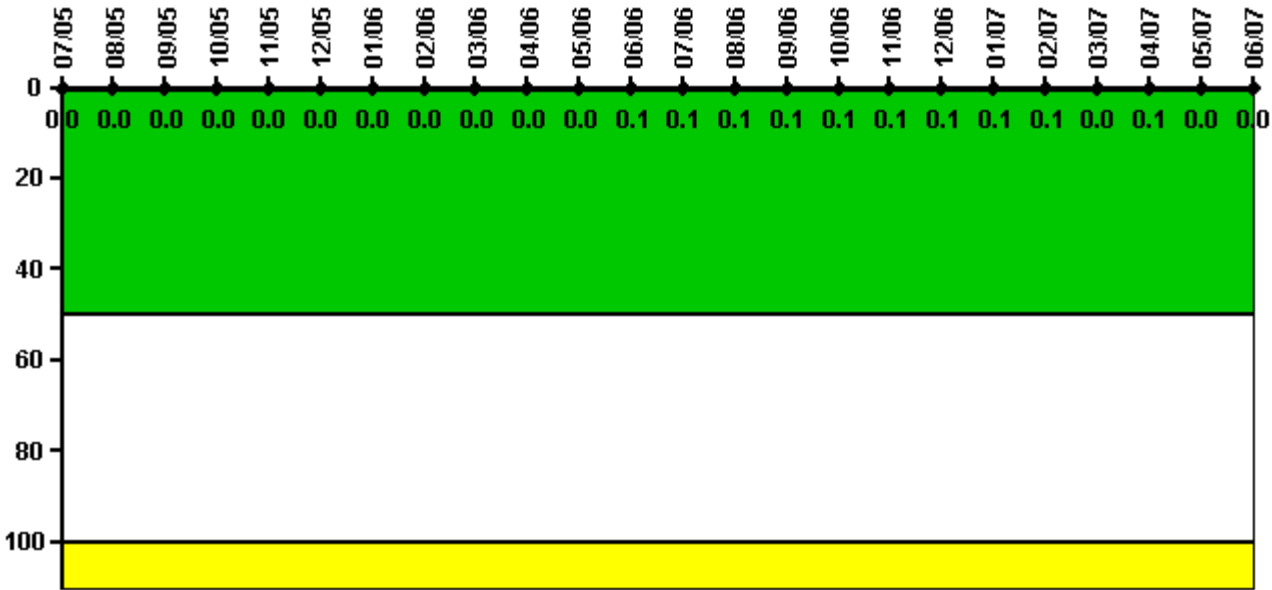
Mitigating Systems Performance Index, Cooling Water Systems	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				8.20E-08	8.20E-08	7.70E-08	1.50E-07	1.50E-07
URI (ΔCDF)				4.20E-09	4.20E-09	4.20E-09	4.20E-09	4.20E-09
PLE				NO	NO	NO	NO	NO
Indicator value				8.62E-08	8.62E-08	8.12E-08	1.54E-07	1.54E-07

Licensee Comments:

2Q/07: A 4/14/05 failure of the 1D RHR Service Water pump that was originally determined not to be an MSPI failure was subsequently determined to be an MSPI failure based on investigation concerning a later similar failure. This affects the MSPI Cooling Water System indicator value from second quarter 2006 forward. The indicator did not change color.

1Q/07: Quad Cities Station completed a revalidation effort of MSPI implementation. The specific findings were documented in the corrective action program and CDE was revised. The errors included miscounting support system unavailability (cascading) against an MSPI system, not applying new MSPI definitions in the 3-year baseline of system unavailability, and data entry errors. The corrections did not result in any significant MSPI value changes.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

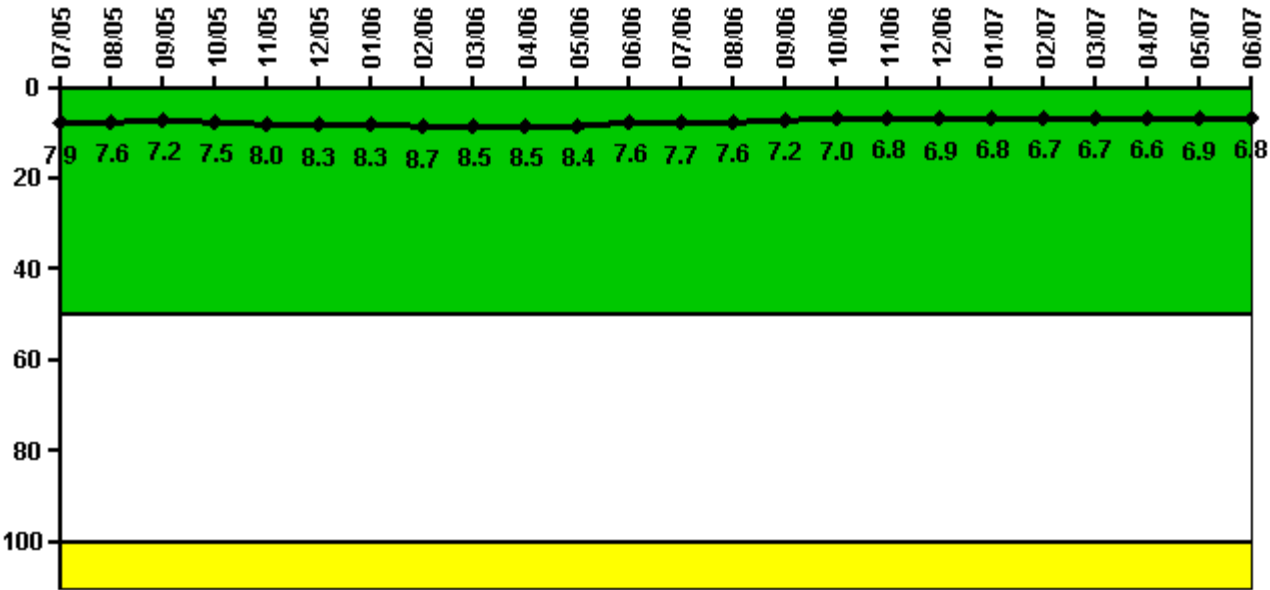
Notes

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.000055	0.000048	0.000046	0.000039	0.000040	0.000040	0.000040	0.000050	0.000065	0.000062	0.000062	0.000126
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0.1

Reactor Coolant System Activity	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity	0.000126	0.000101	0.000133	0.000115	0.000119	0.000128	0.000113	0.000126	0.000085	0.000106	0.000053	0.000081
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0.1	0	0

Licensee Comments: none

Reactor Coolant System Leakage



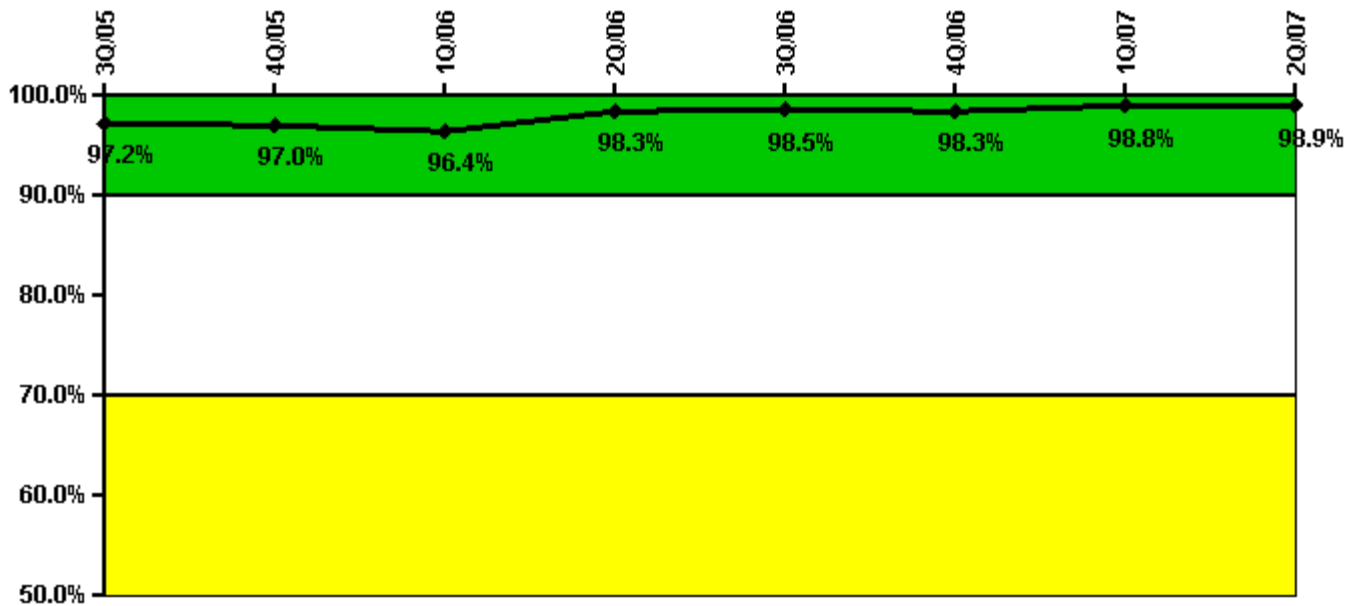
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	1.980	1.890	1.790	1.870	2.010	2.080	2.070	2.180	2.130	2.130	2.090	1.910
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.9	7.6	7.2	7.5	8.0	8.3	8.3	8.7	8.5	8.5	8.4	7.6
Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	1.920	1.890	1.800	1.760	1.700	1.720	1.690	1.670	1.670	1.650	1.720	1.710
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	7.7	7.6	7.2	7.0	6.8	6.9	6.8	6.7	6.7	6.6	6.9	6.8

Licensee Comments: none

Drill/Exercise Performance



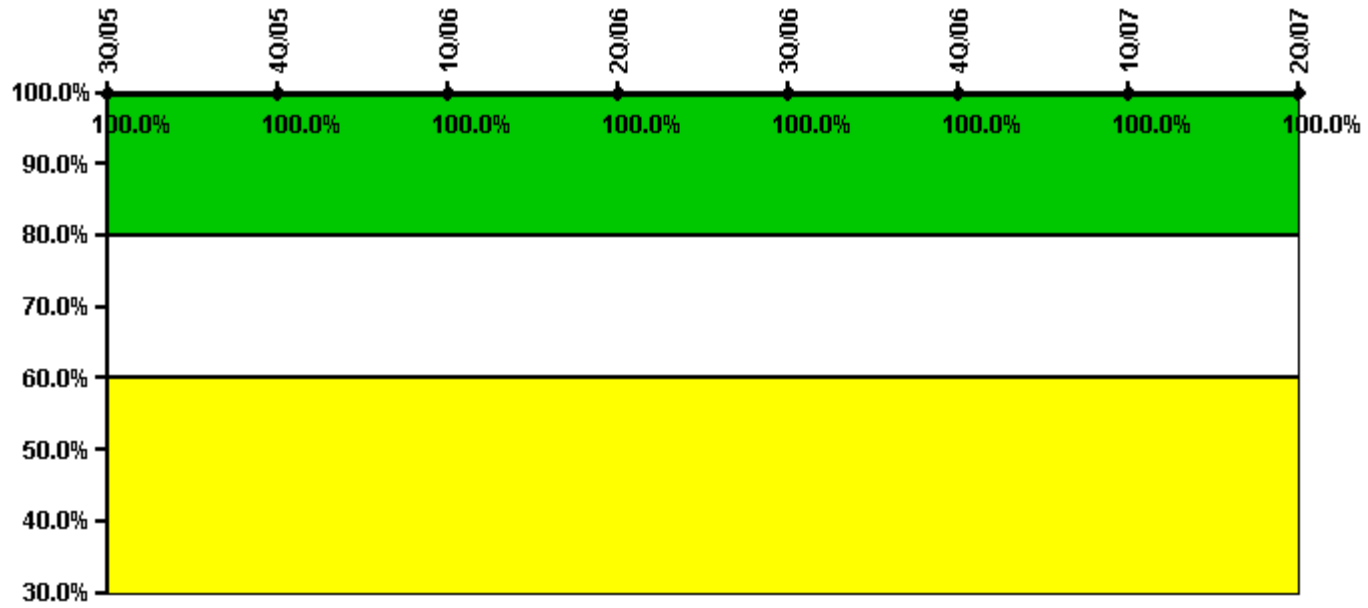
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	58.0	44.0	28.0	39.0	50.0	88.0	26.0	23.0
Total opportunities	58.0	45.0	30.0	39.0	50.0	89.0	26.0	23.0
Indicator value	97.2%	97.0%	96.4%	98.3%	98.5%	98.3%	98.8%	98.9%

Licensee Comments: none

ERO Drill Participation



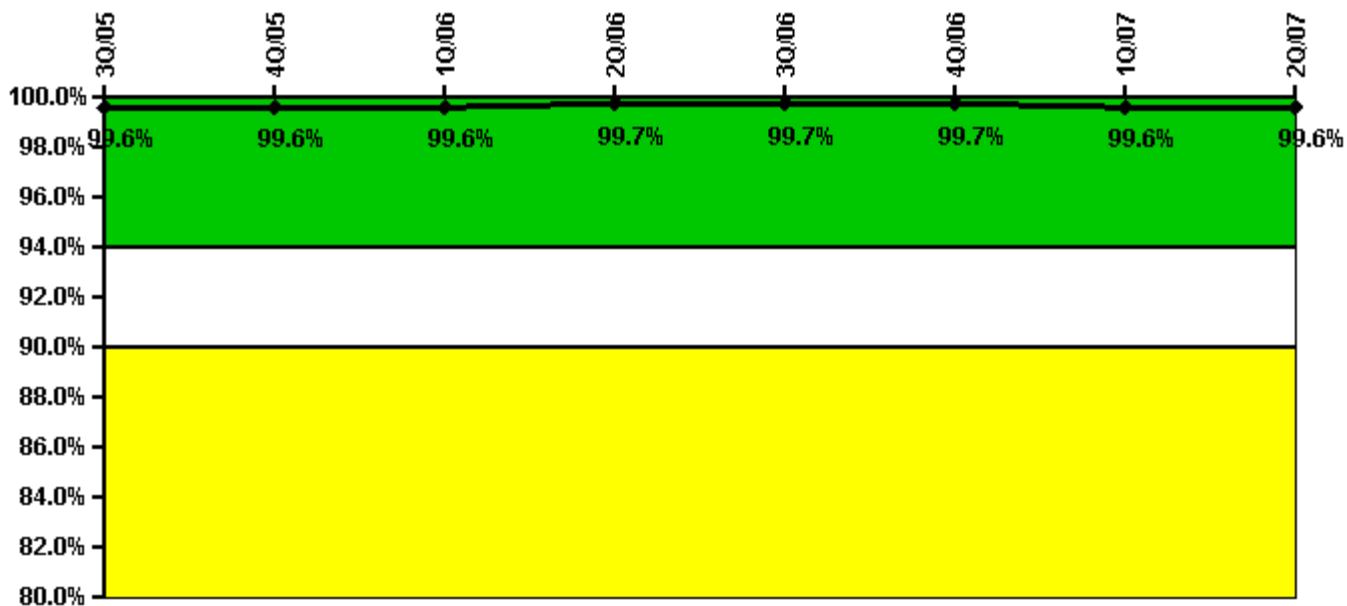
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	74.0	74.0	72.0	76.0	75.0	81.0	75.0	74.0
Total Key personnel	74.0	74.0	72.0	76.0	75.0	81.0	75.0	74.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



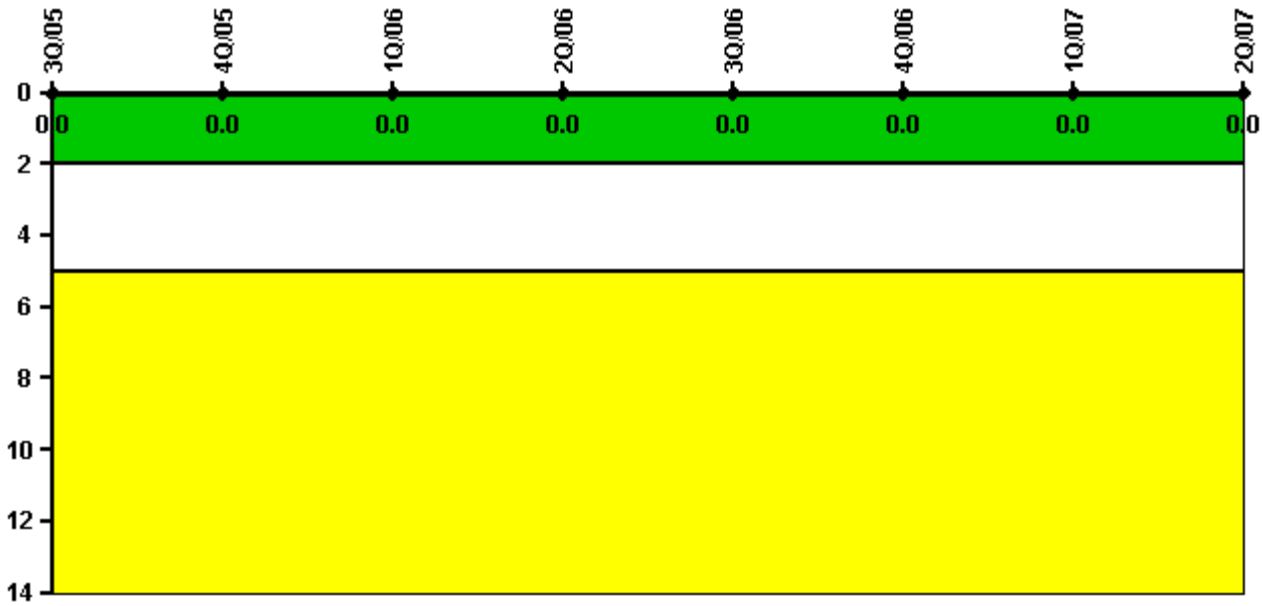
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	3318	3310	3372	3316	3311	3270	3311	3316
Total sirens-tests	3328	3319	3380	3328	3328	3272	3328	3328
Indicator value	99.6%	99.6%	99.6%	99.7%	99.7%	99.7%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



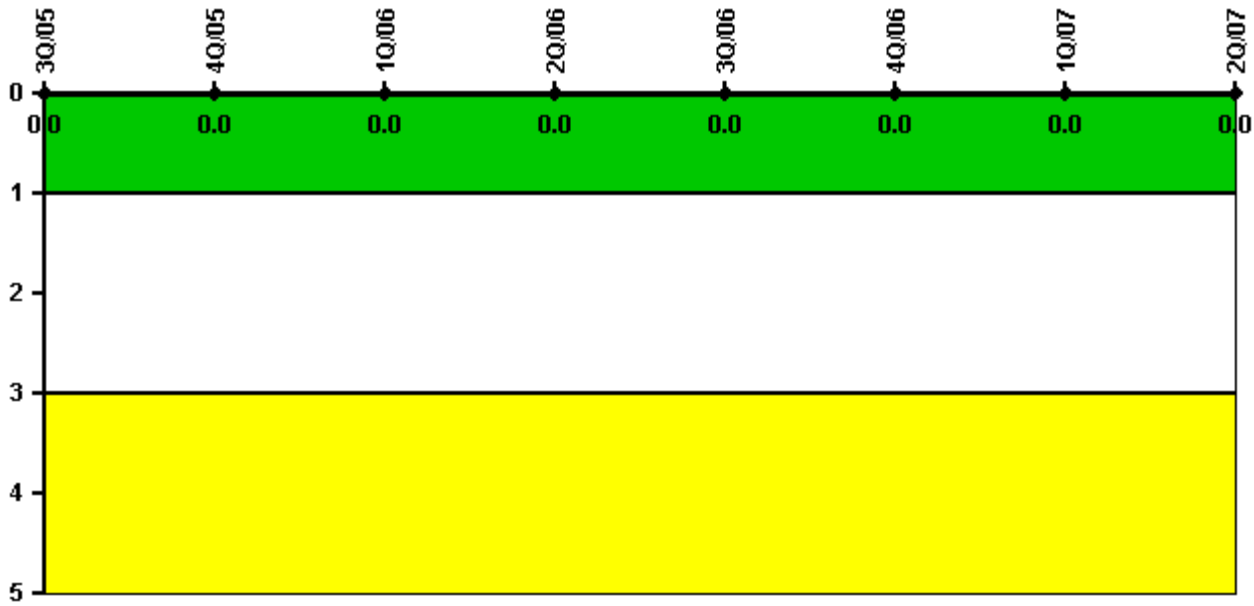
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/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	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/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: August 6, 2007