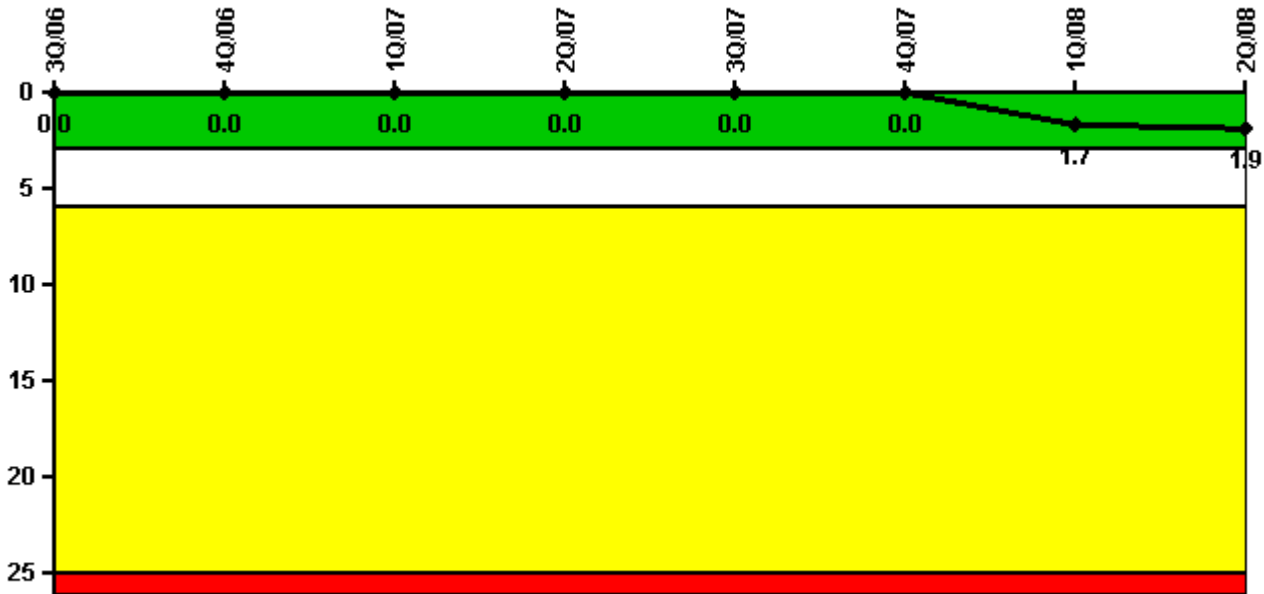


Wolf Creek 1

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

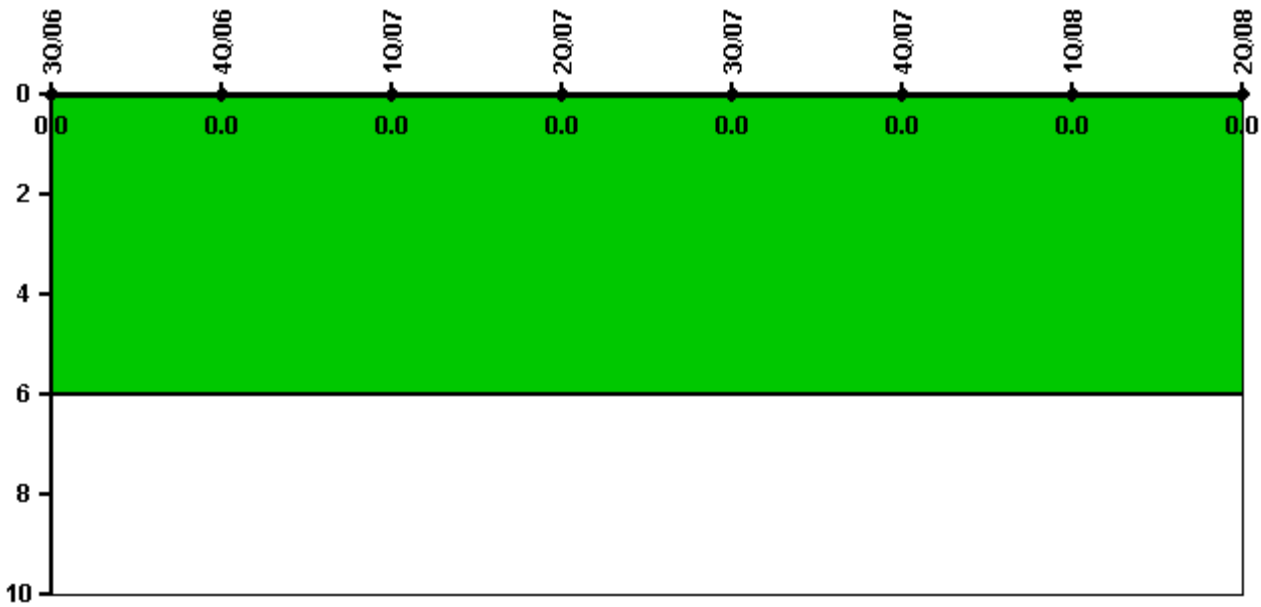
Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned scrams	0	0	0	0	0	0	2.0	0
Critical hours	2208.0	1405.1	2159.0	2184.0	2208.0	2209.0	1733.8	1150.0
Indicator value	0	0	0	0	0	0	1.7	1.9

Licensee Comments:

1Q/08: Failed to classify the scram correctly during 1Q08. Corrected in 2Q08.

Unplanned Power Changes per 7000 Critical Hrs



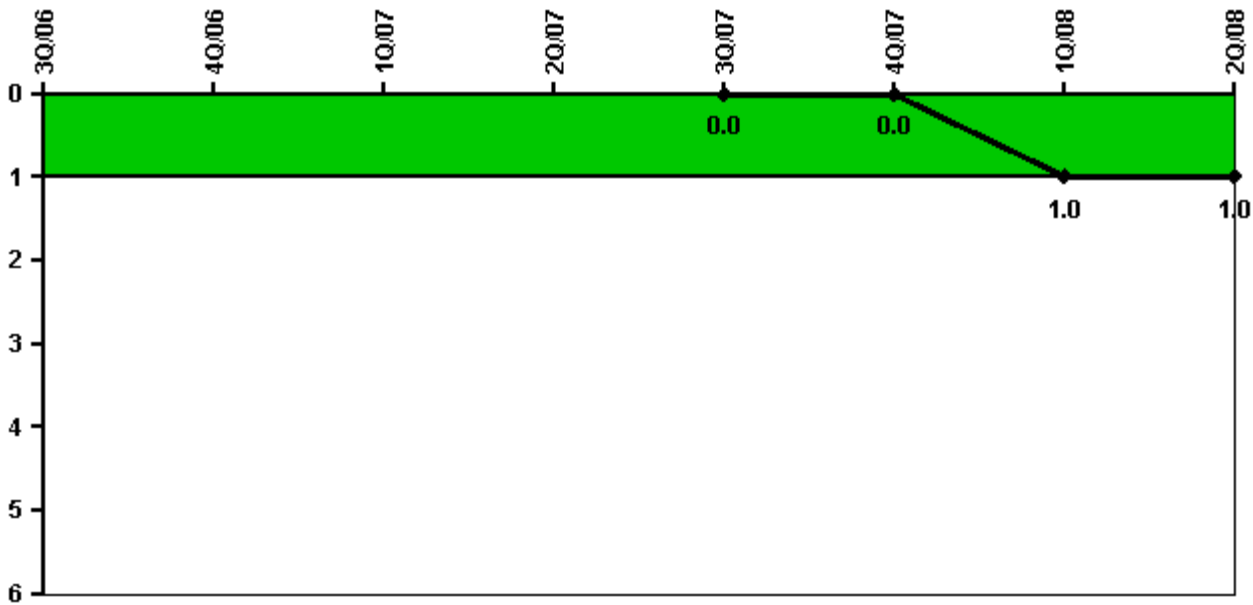
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	1405.1	2159.0	2184.0	2208.0	2209.0	1733.8	1150.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



Thresholds: White > 1.0

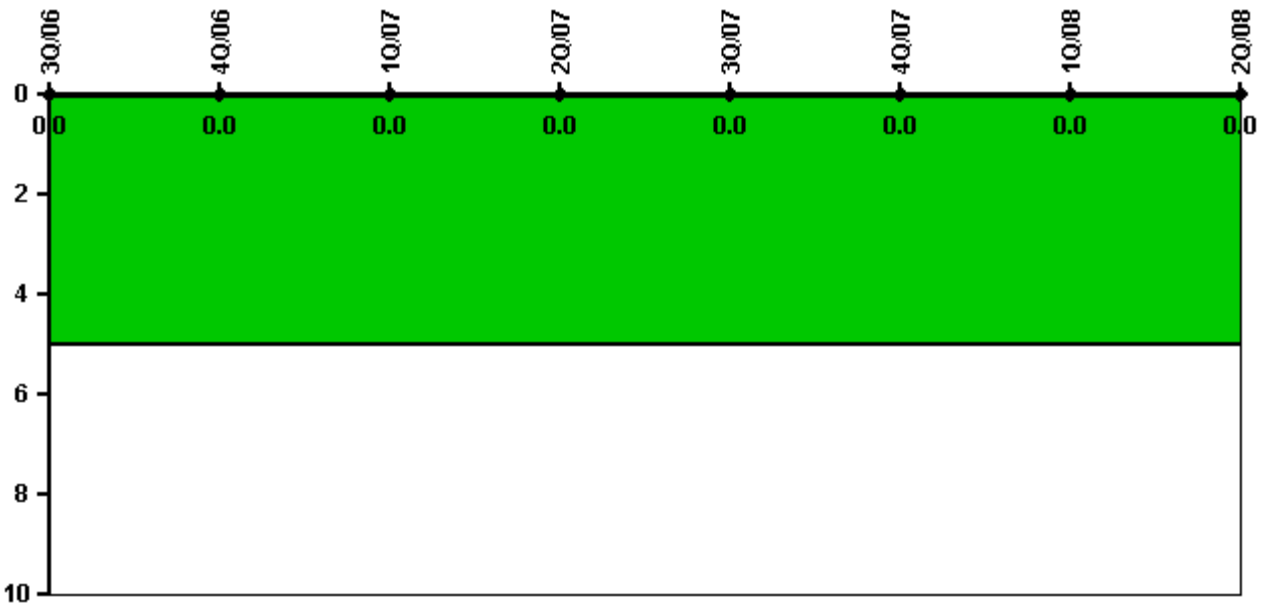
Notes

Unplanned Scrams with Complications	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Scrams with complications		0	0	0	0	0	1.0	0
Indicator value					0.0	0.0	1.0	1.0

Licensee Comments:

1Q/08: Failed to classify the scam correctly during 1Q08. Corrected in 2Q08.

Safety System Functional Failures (PWR)



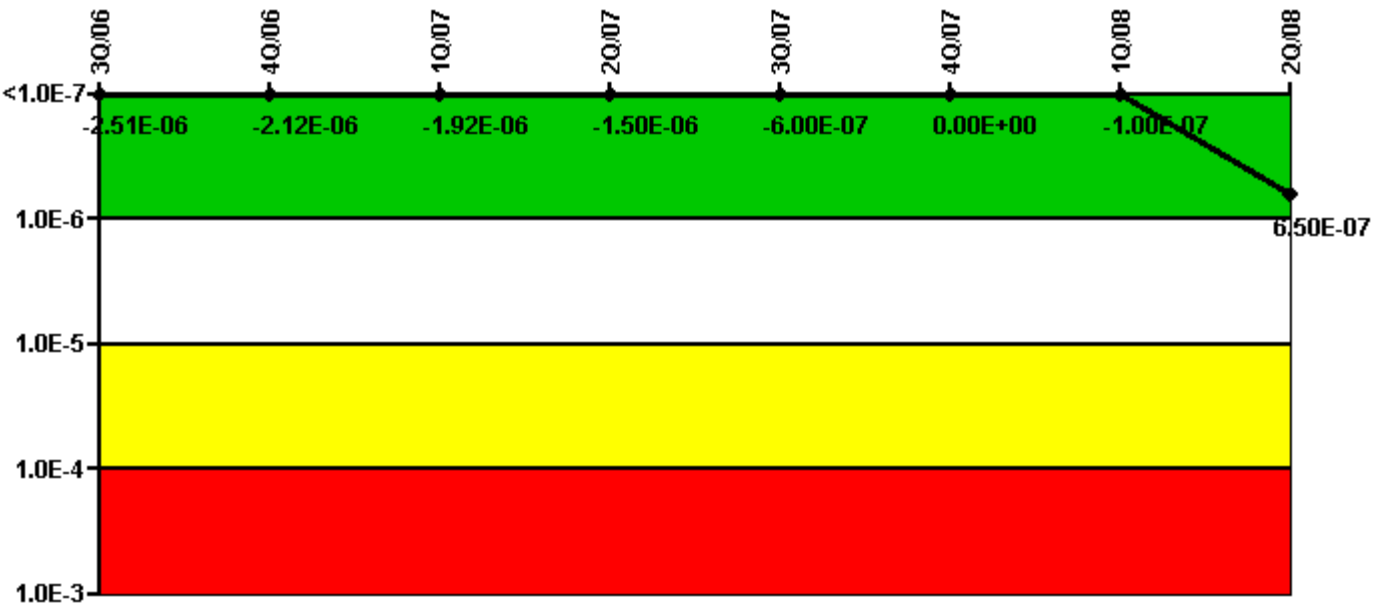
Thresholds: White > 5.0

Notes

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

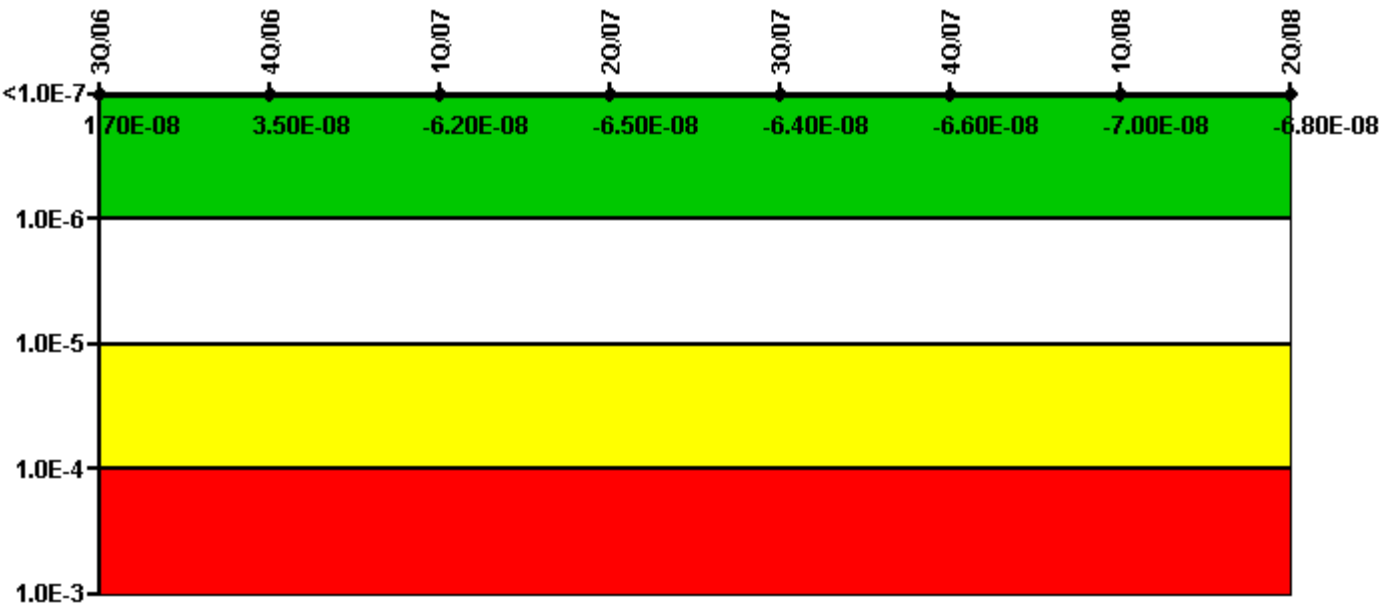
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	3.90E-07	6.80E-07	6.80E-07	9.00E-07	1.60E-06	1.90E-06	1.40E-06	1.20E-06
URI (ΔCDF)	-2.90E-06	-2.80E-06	-2.60E-06	-2.40E-06	-2.20E-06	-1.90E-06	-1.50E-06	-5.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.51E-06	-2.12E-06	-1.92E-06	-1.50E-06	-6.00E-07	0.00E+00	-1.00E-07	6.50E-07

Licensee Comments:

2Q/08: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



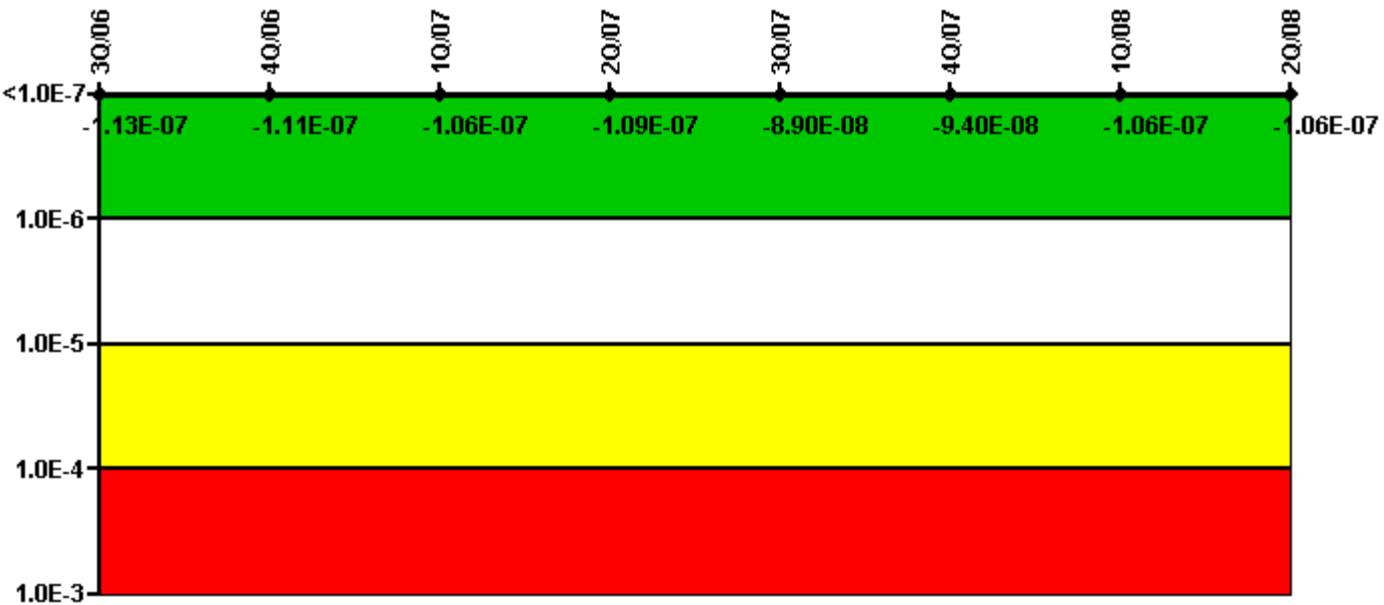
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	1.00E-07	1.20E-07	1.70E-08	1.70E-08	1.70E-08	1.50E-08	1.50E-08	1.70E-08
URI (Δ CDF)	-8.30E-08	-8.50E-08	-7.90E-08	-8.20E-08	-8.10E-08	-8.10E-08	-8.50E-08	-8.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.70E-08	3.50E-08	-6.20E-08	-6.50E-08	-6.40E-08	-6.60E-08	-7.00E-08	-6.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



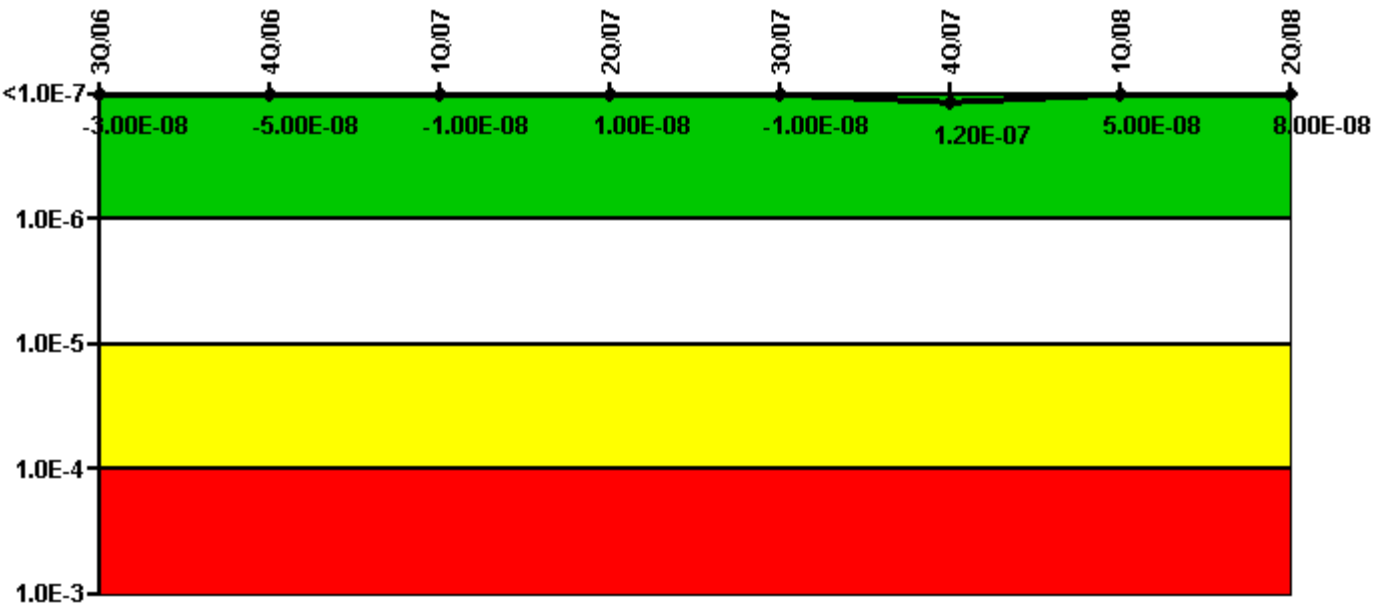
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	5.70E-08	5.90E-08	6.40E-08	6.10E-08	8.10E-08	6.60E-08	5.40E-08	5.40E-08
URI (Δ CDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.60E-07	-1.60E-07	-1.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.13E-07	-1.11E-07	-1.06E-07	-1.09E-07	-8.90E-08	-9.40E-08	-1.06E-07	-1.06E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



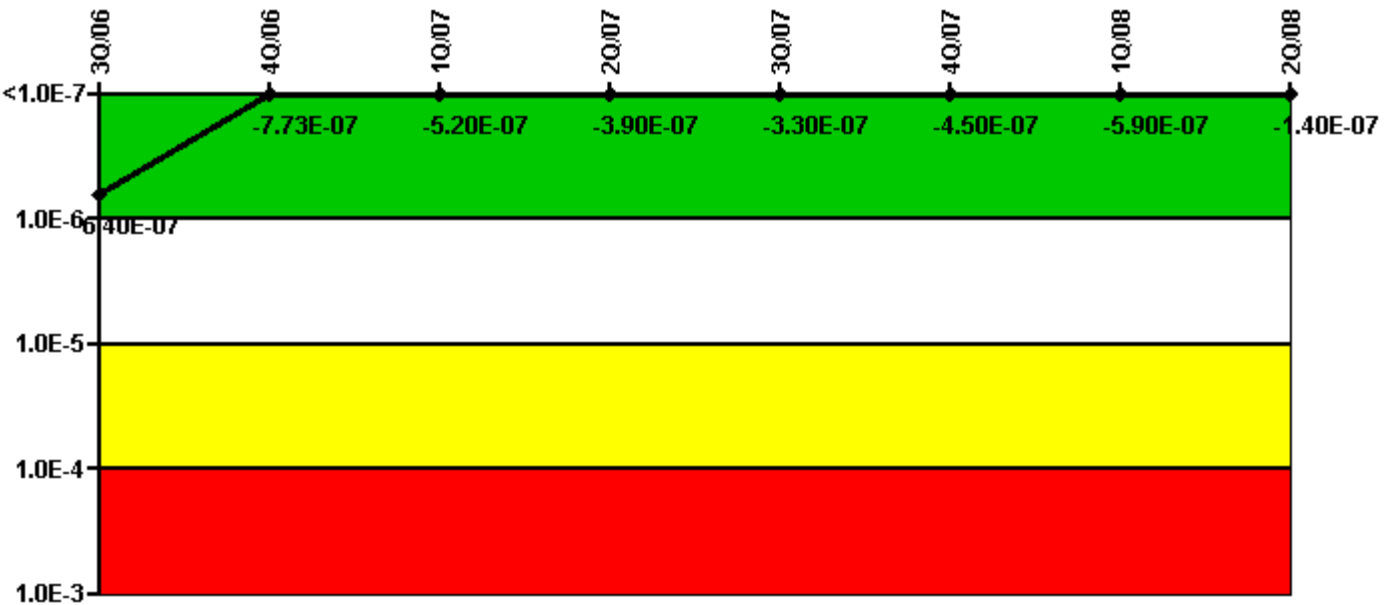
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	2.40E-07	2.10E-07	2.60E-07	2.70E-07	2.60E-07	3.80E-07	3.50E-07	3.60E-07
URI (Δ CDF)	-2.70E-07	-2.60E-07	-2.70E-07	-2.60E-07	-2.70E-07	-2.60E-07	-3.00E-07	-2.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-08	-5.00E-08	-1.00E-08	1.00E-08	-1.00E-08	1.20E-07	5.00E-08	8.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



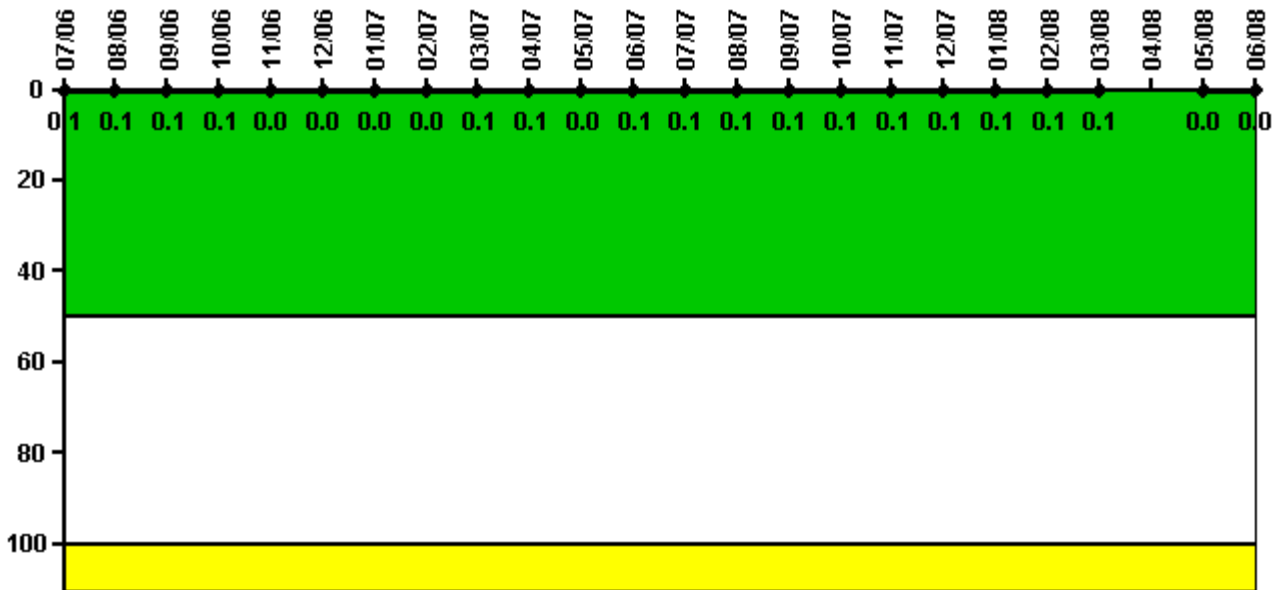
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	$-1.30E-07$	$-2.30E-08$	$2.10E-07$	$3.40E-07$	$4.00E-07$	$2.70E-07$	$1.50E-07$	$5.90E-07$
URI (Δ CDF)	$7.70E-07$	$-7.50E-07$	$-7.30E-07$	$-7.30E-07$	$-7.30E-07$	$-7.20E-07$	$-7.40E-07$	$-7.30E-07$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$6.40E-07$	$-7.73E-07$	$-5.20E-07$	$-3.90E-07$	$-3.30E-07$	$-4.50E-07$	$-5.90E-07$	$-1.40E-07$

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

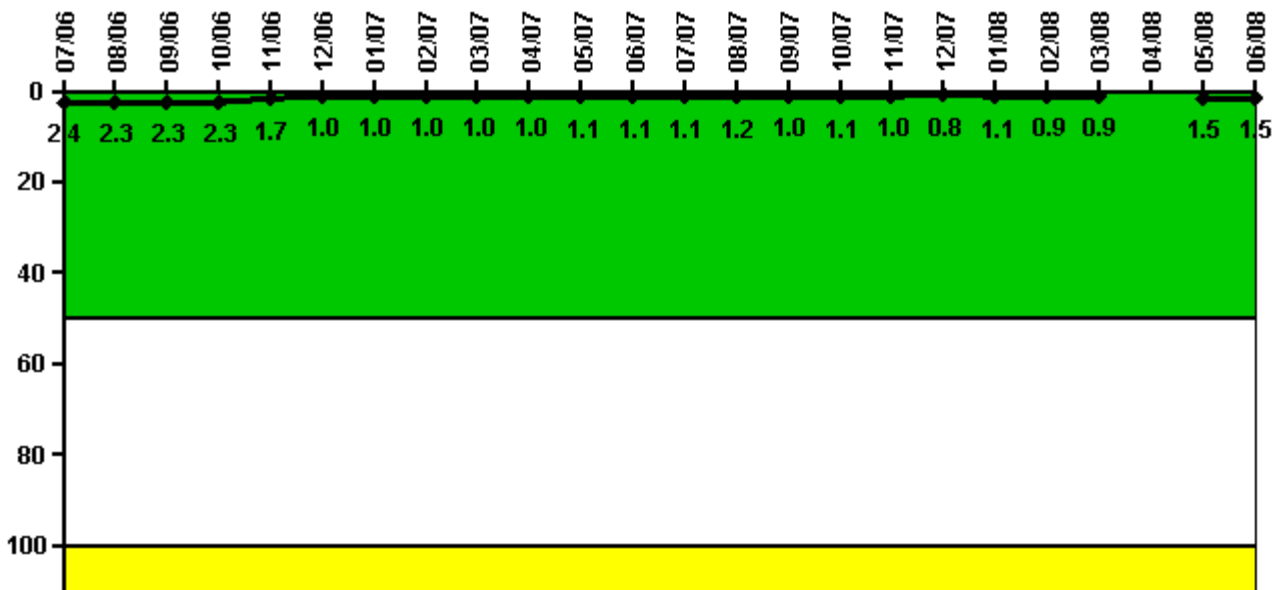
Notes

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	0.000900	0.000900	0.000900	0.000800	0.000300	0.000300	0.000400	0.000400	0.000500	0.000600	0.000400	0.000500
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	0	0	0	0.1	0.1	0	0.1

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000600	0.000700	0.000600	0.000700	0.000800	0.000600	0.000700	0.000700	0.000800	N/A	0.000300	0.000300
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	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

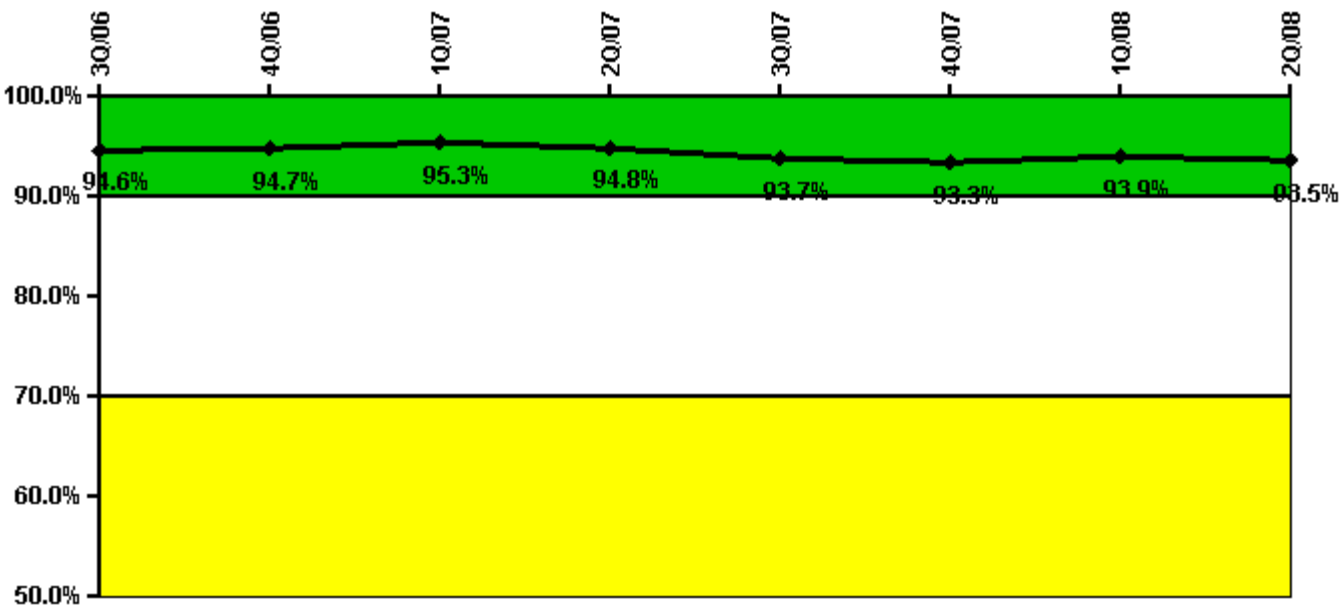
Notes

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	0.240	0.230	0.230	0.230	0.170	0.100	0.100	0.100	0.100	0.100	0.110	0.110
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	2.4	2.3	2.3	2.3	1.7	1.0	1.0	1.0	1.0	1.0	1.1	1.1

Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.110	0.120	0.100	0.110	0.100	0.080	0.110	0.090	0.090	N/A	0.150	0.150
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	1.1	1.2	1.0	1.1	1.0	0.8	1.1	0.9	0.9	N/A	1.5	1.5

Licensee Comments: none

Drill/Exercise Performance



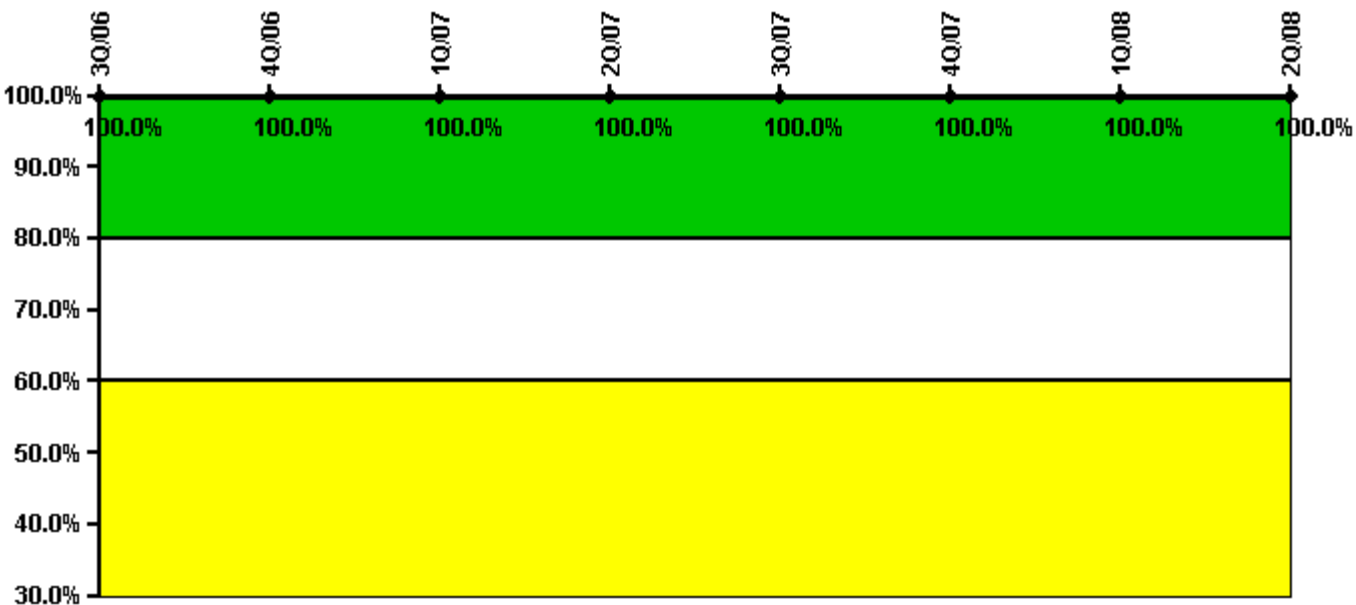
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	62.0	39.0	21.0	39.0	41.0	75.0	22.0	2.0
Total opportunities	69.0	39.0	22.0	43.0	45.0	80.0	22.0	2.0
Indicator value	94.6%	94.7%	95.3%	94.8%	93.7%	93.3%	93.9%	93.5%

Licensee Comments: none

ERO Drill Participation



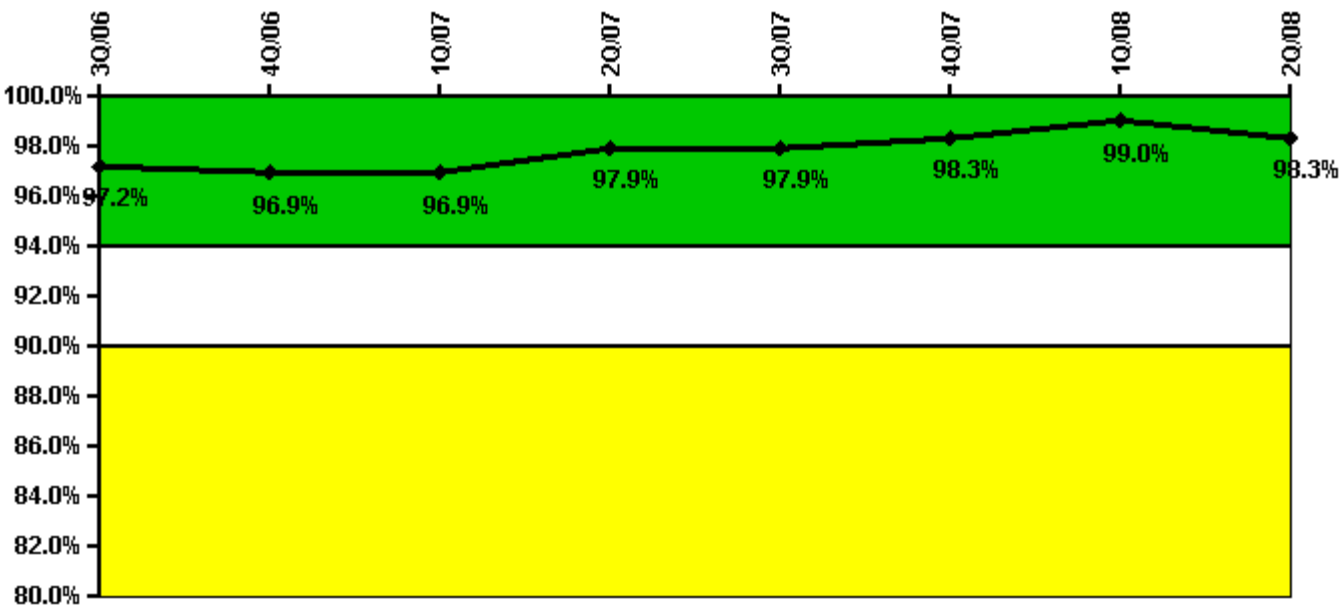
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	70.0	70.0	69.0	68.0	68.0	67.0	68.0	62.0
Total Key personnel	70.0	70.0	69.0	68.0	68.0	67.0	68.0	62.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



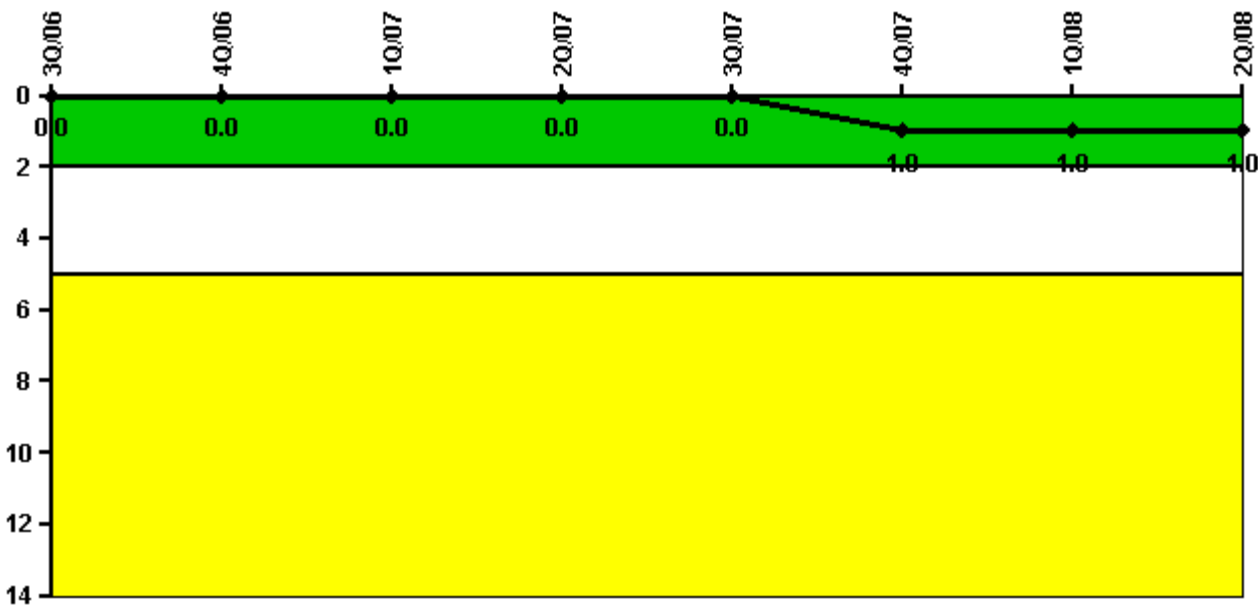
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	76	64	74	66	76	65	76	64
Total sirens-tests	77	66	77	66	77	66	77	66
Indicator value	97.2%	96.9%	96.9%	97.9%	97.9%	98.3%	99.0%	98.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

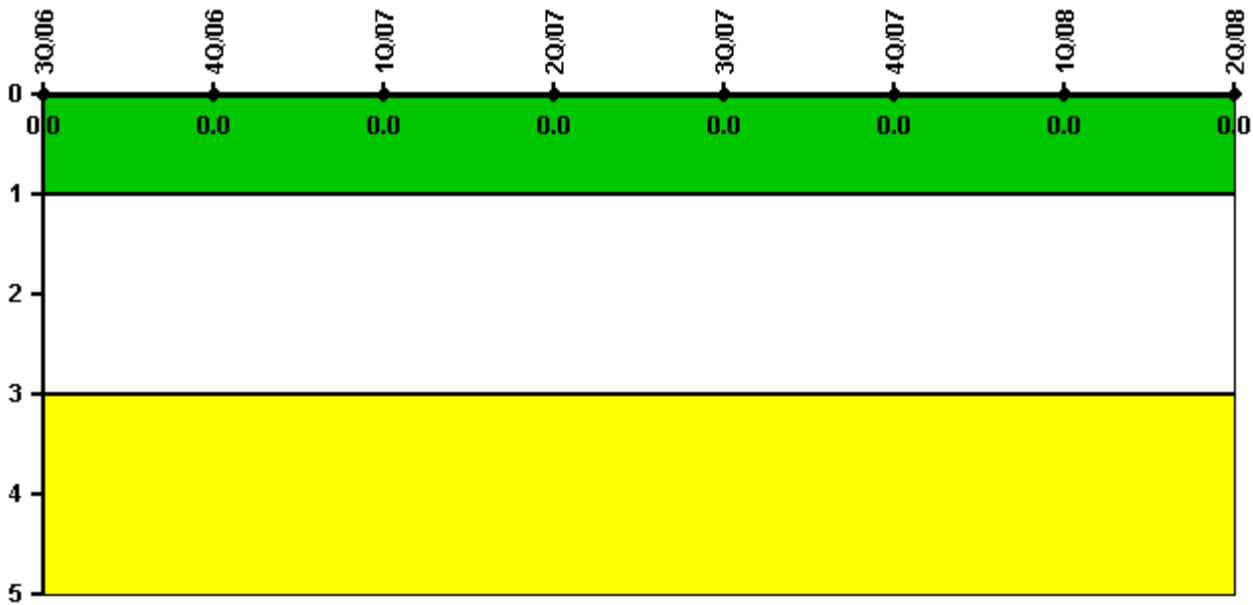
Notes

Occupational Exposure Control Effectiveness	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
High radiation area occurrences	0	0	0	0	0	1	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	1	1	1

Licensee Comments:

4Q/07: During the April 2008 NRC inspection in Health Physics it was identified that Health Physics failed to identify a NRC Performance indicator on 7406A cubicle, 2031 Radwaste. This was an uposted High Radiation Area > 1Rem found in October 2007.

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/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: August 4, 2008