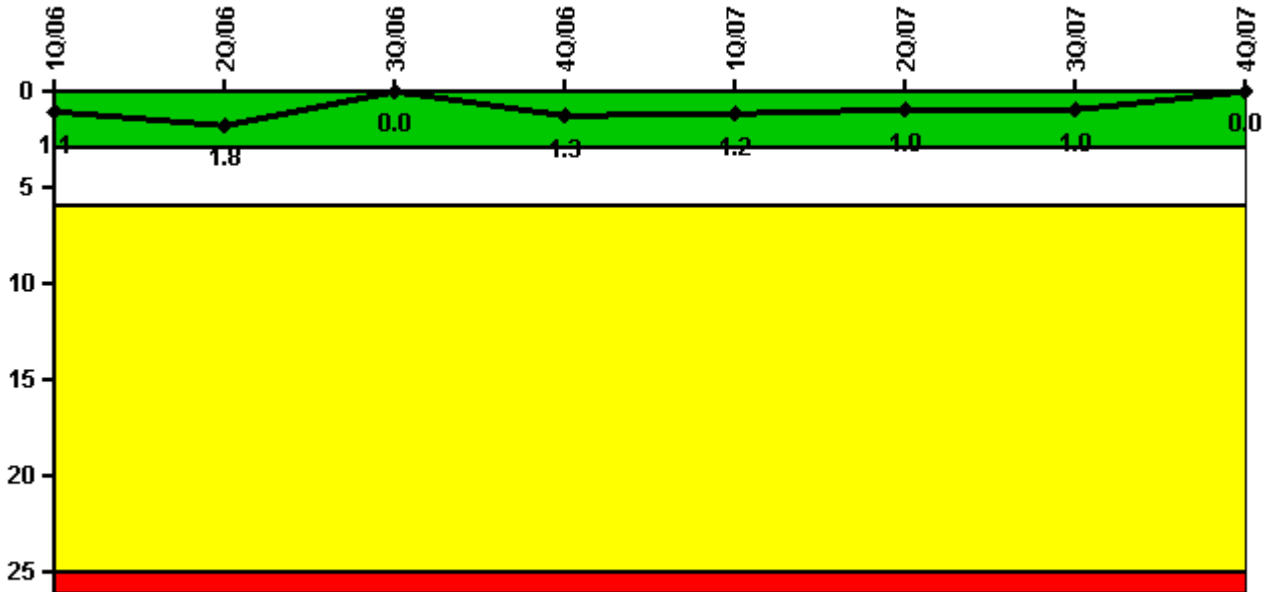


Palo Verde 1

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



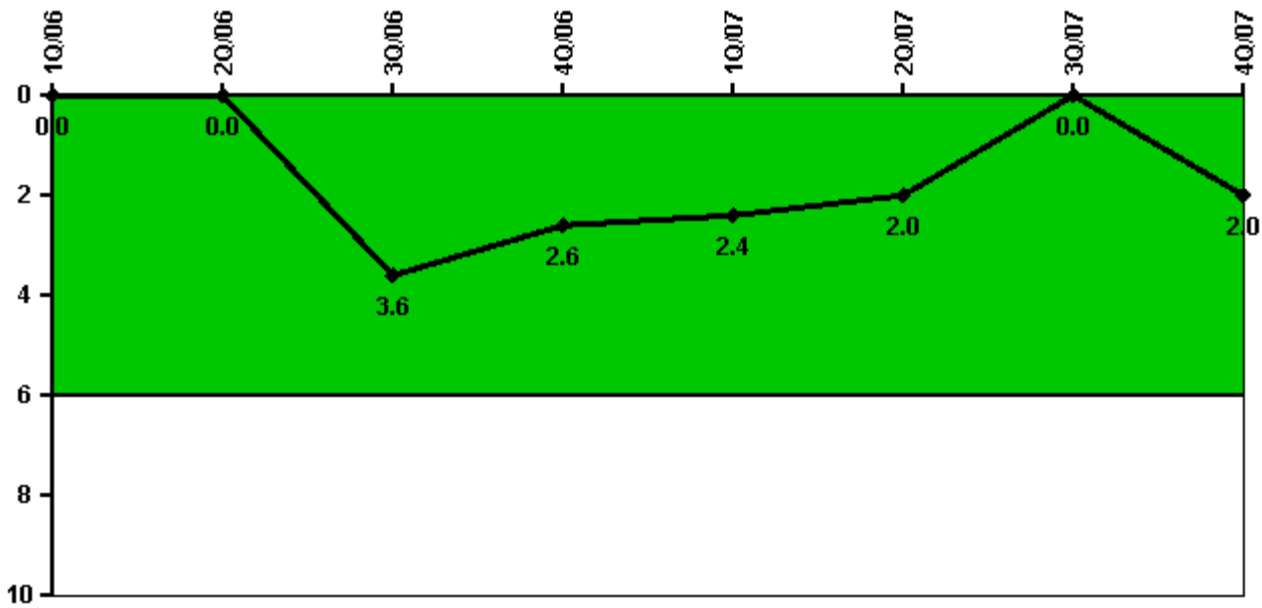
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	0	0	1.0	0	0	0	0
Critical hours	1752.6	0	1777.3	1823.9	2160.0	1152.0	1878.4	1803.3
Indicator value	1.1	1.8	0	1.3	1.2	1.0	1.0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



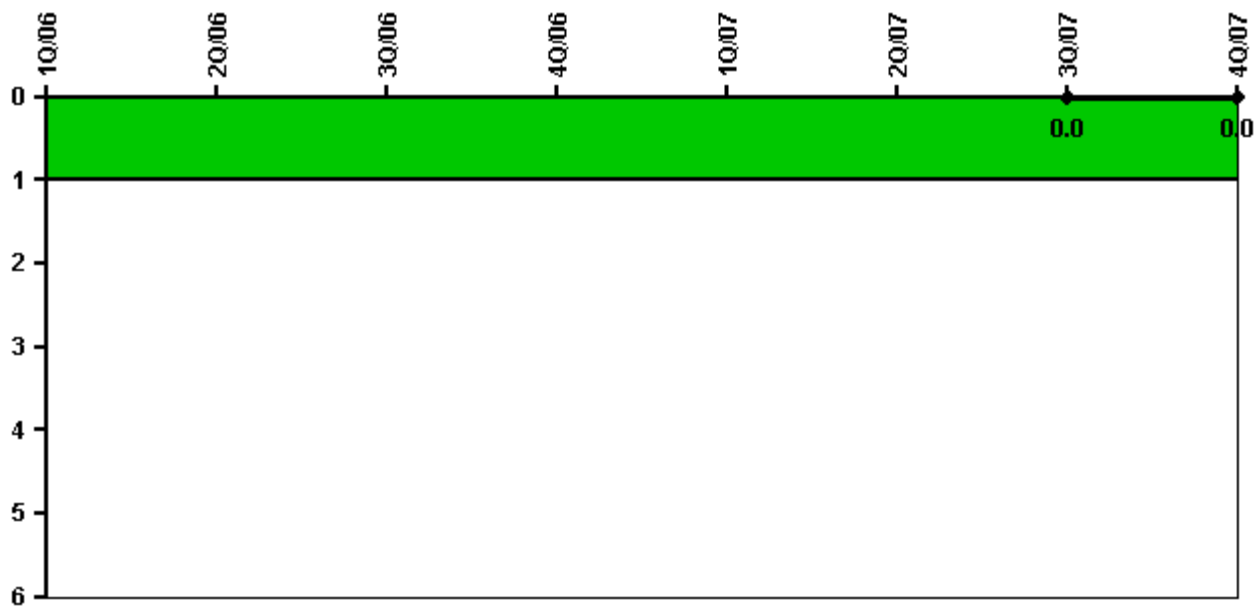
Thresholds: White > 6.0

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	0	0	2.0	0	0	0	0	2.0
Critical hours	1752.6	0	1777.3	1823.9	2160.0	1152.0	1878.4	1803.3
Indicator value	0	0	3.6	2.6	2.4	2.0	0	2.0

Licensee Comments: none

Unplanned Scrams with Complications



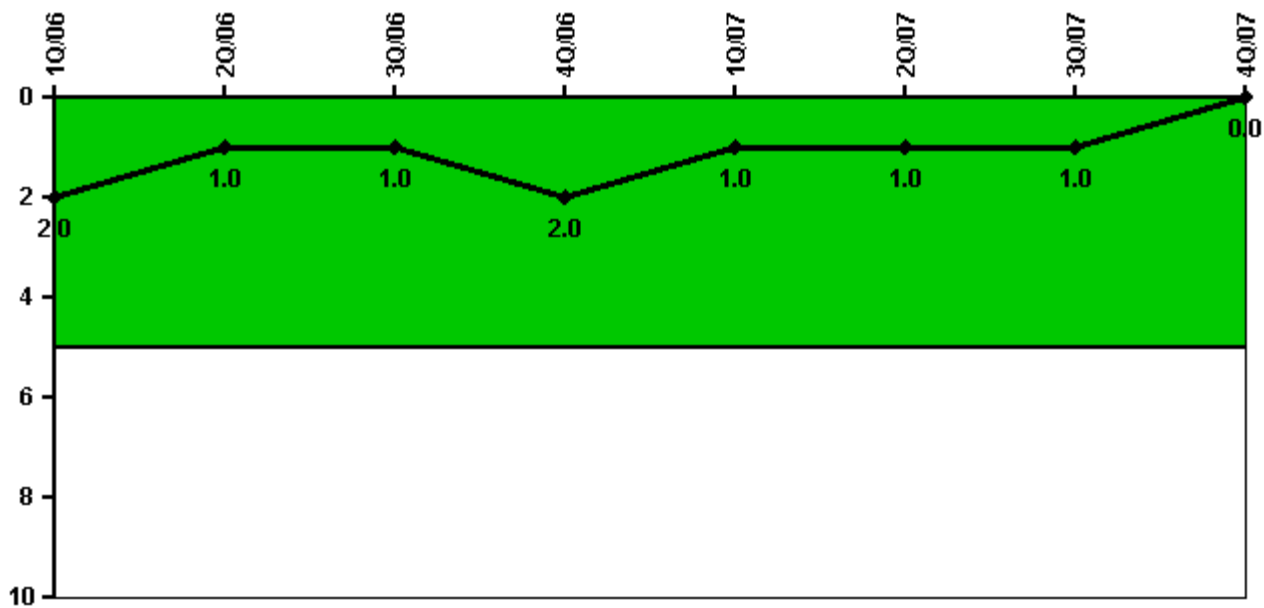
Thresholds: White > 1.0

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)



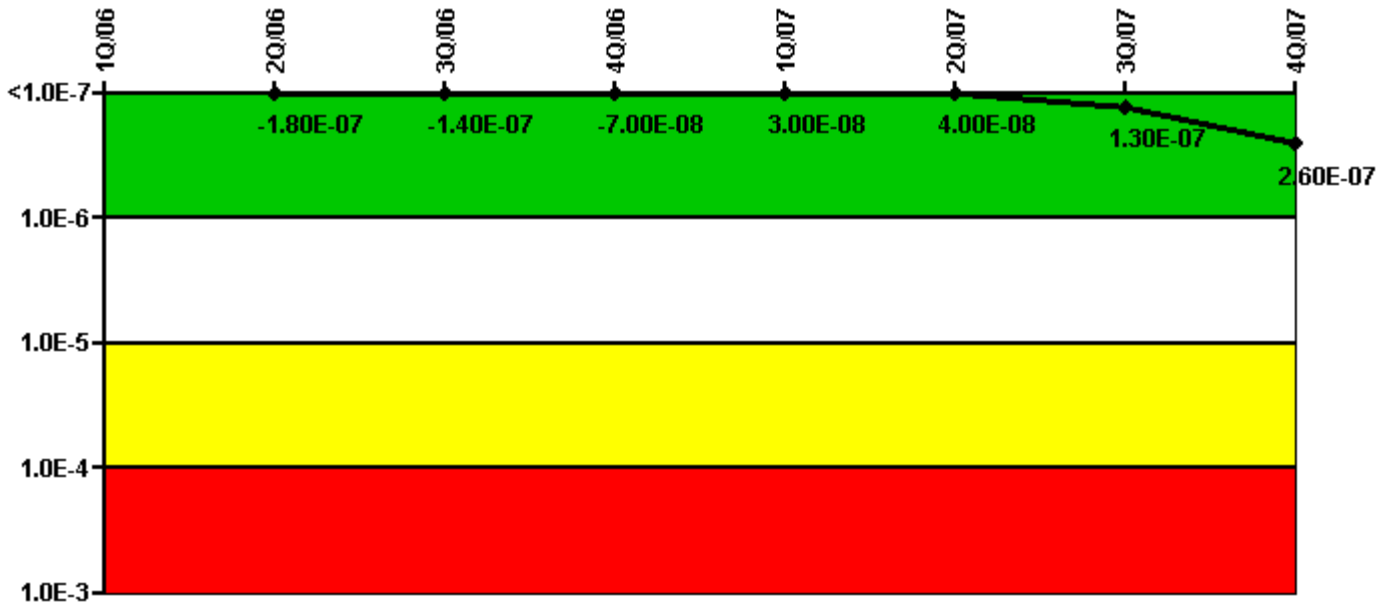
Thresholds: White > 5.0

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	1	0	0	1	0	0	0	0
Indicator value	2	1	1	2	1	1	1	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

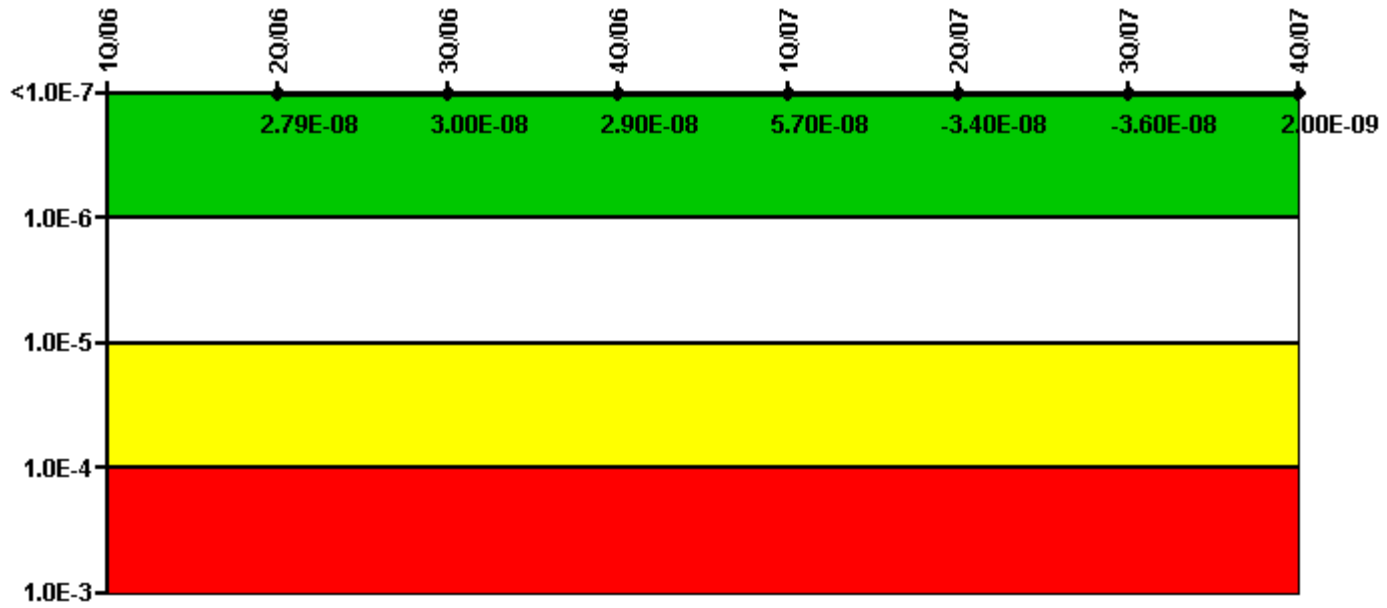
Notes

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 (Δ CDF)		$2.60E-07$	$3.00E-07$	$3.80E-07$	$4.80E-07$	$4.80E-07$	$5.70E-07$	$3.50E-07$
URI (Δ CDF)		$-4.40E-07$	$-4.40E-07$	$-4.50E-07$	$-4.50E-07$	$-4.40E-07$	$-4.40E-07$	$-9.00E-08$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-1.80E-07$	$-1.40E-07$	$-7.00E-08$	$3.00E-08$	$4.00E-08$	$1.30E-07$	$2.60E-07$

Licensee Comments:

4Q/07: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System



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

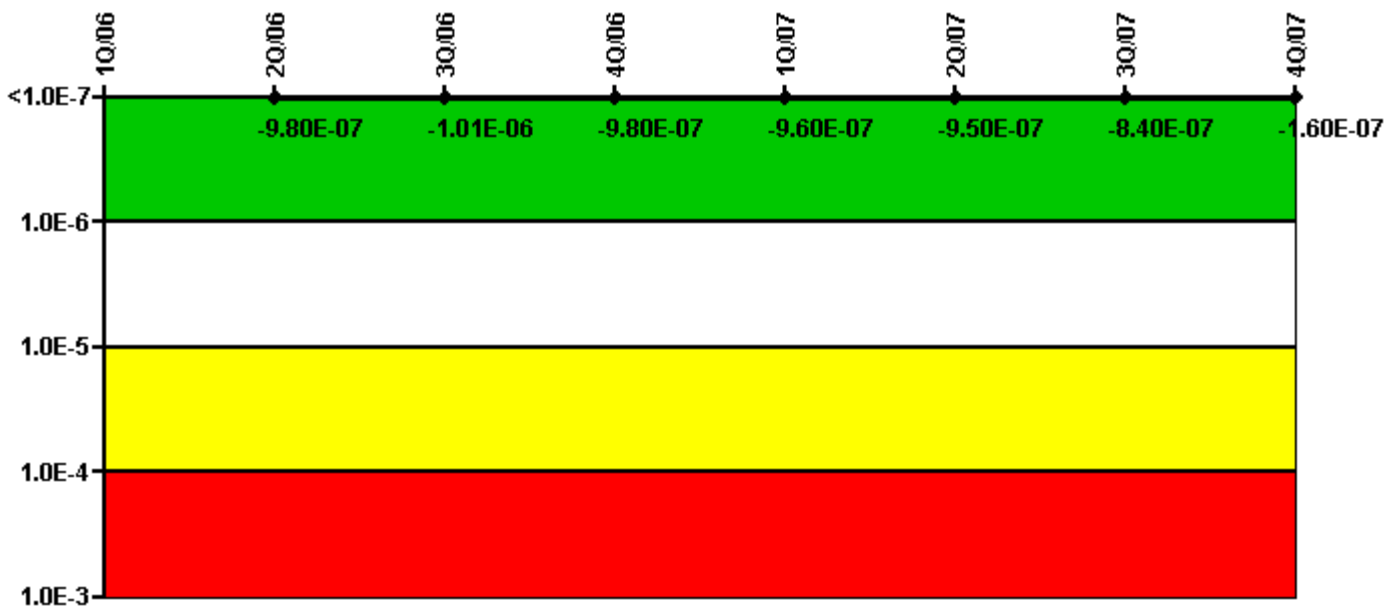
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		$9.90E-09$	$1.20E-08$	$1.10E-08$	$3.90E-08$	$4.00E-08$	$3.80E-08$	$1.70E-08$
URI (Δ CDF)		$1.80E-08$	$1.80E-08$	$1.80E-08$	$1.80E-08$	$-7.40E-08$	$-7.40E-08$	$-1.50E-08$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$2.79E-08$	$3.00E-08$	$2.90E-08$	$5.70E-08$	$-3.40E-08$	$-3.60E-08$	$2.00E-09$

Licensee Comments:

4Q/07: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

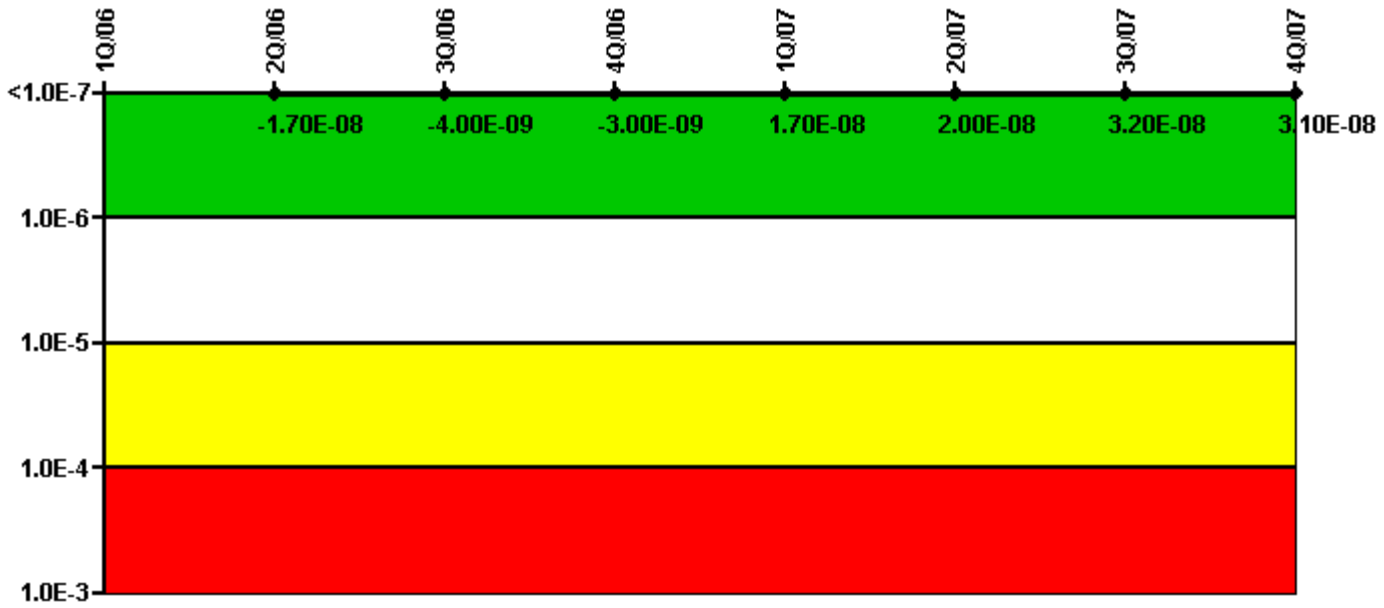
Notes

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)		$-3.60E-07$	$-3.90E-07$	$-3.60E-07$	$-3.40E-07$	$-3.30E-07$	$-2.20E-07$	$7.00E-08$
URI (Δ CDF)		$-6.20E-07$	$-6.20E-07$	$-6.20E-07$	$-6.20E-07$	$-6.20E-07$	$-6.20E-07$	$-2.30E-07$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-9.80E-07$	$-1.01E-06$	$-9.80E-07$	$-9.60E-07$	$-9.50E-07$	$-8.40E-07$	$-1.60E-07$

Licensee Comments:

4Q/07: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



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

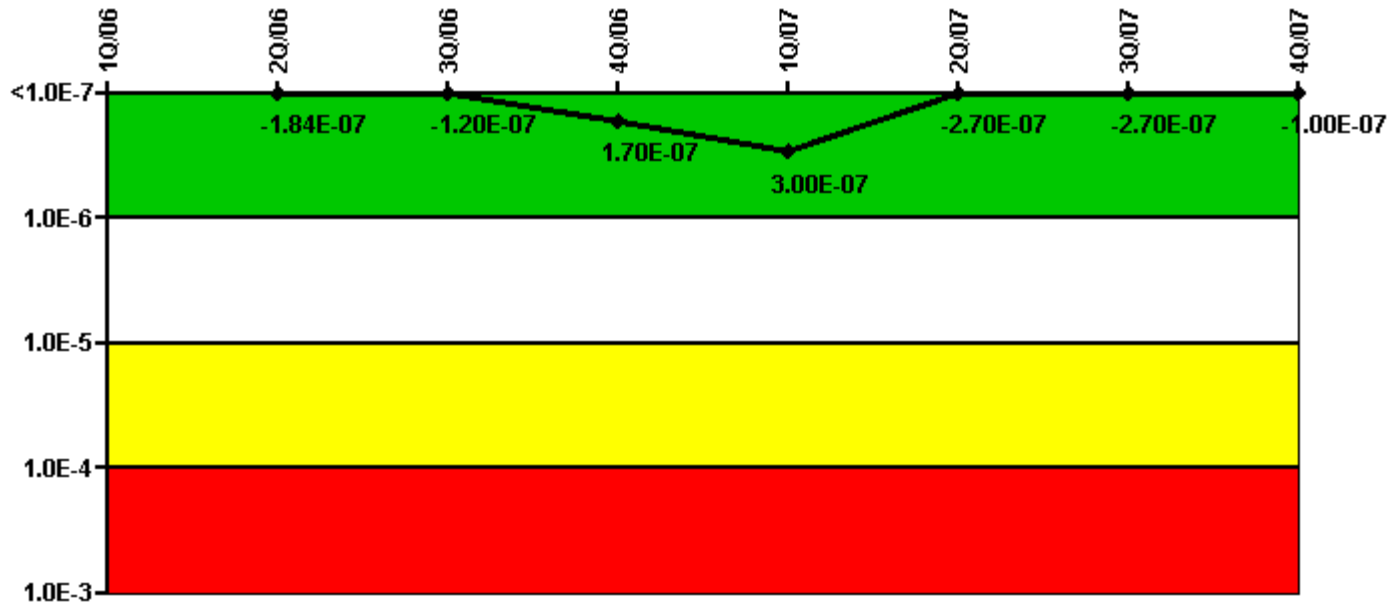
Notes

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)		$2.10E-08$	$3.40E-08$	$3.50E-08$	$5.50E-08$	$5.80E-08$	$7.00E-08$	$4.00E-08$
URI (Δ CDF)		$-3.80E-08$	$-3.80E-08$	$-3.80E-08$	$-3.80E-08$	$-3.80E-08$	$-3.80E-08$	$-9.00E-09$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-1.70E-08$	$-4.00E-09$	$-3.00E-09$	$1.70E-08$	$2.00E-08$	$3.20E-08$	$3.10E-08$

Licensee Comments:

4Q/07: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

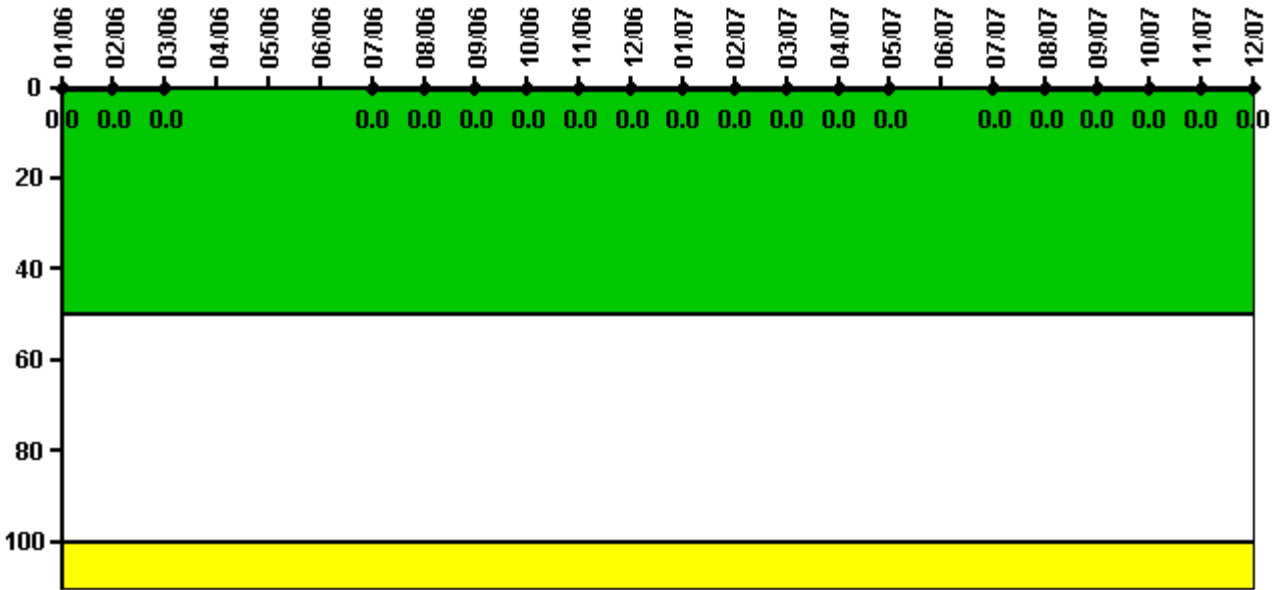
Notes

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)		8.60E-08	1.50E-07	4.40E-07	5.70E-07	-2.60E-11	-2.50E-11	-2.20E-11
URI (ΔCDF)		-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-1.00E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-1.84E-07	-1.20E-07	1.70E-07	3.00E-07	-2.70E-07	-2.70E-07	-1.00E-07

Licensee Comments:

4Q/07: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

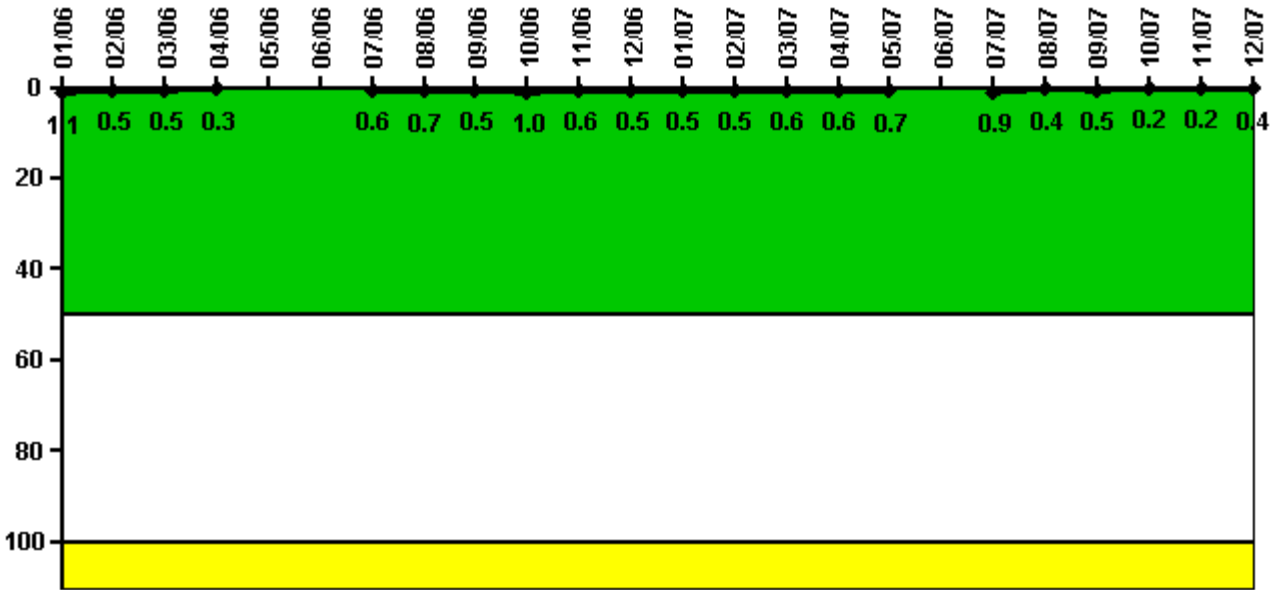
Notes

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	0.000112	0.000096	0.000091	N/A	N/A	N/A	0.000320	0.000341	0.000333	0.000314	0.000396	0.000402
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	N/A	N/A	N/A	0	0	0	0	0	0

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	0.000444	0.000441	0.000477	0.000480	0.000453	N/A	0.000253	0.000279	0.000296	0.000303	0.000281	0.000322
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	0	0	N/A	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

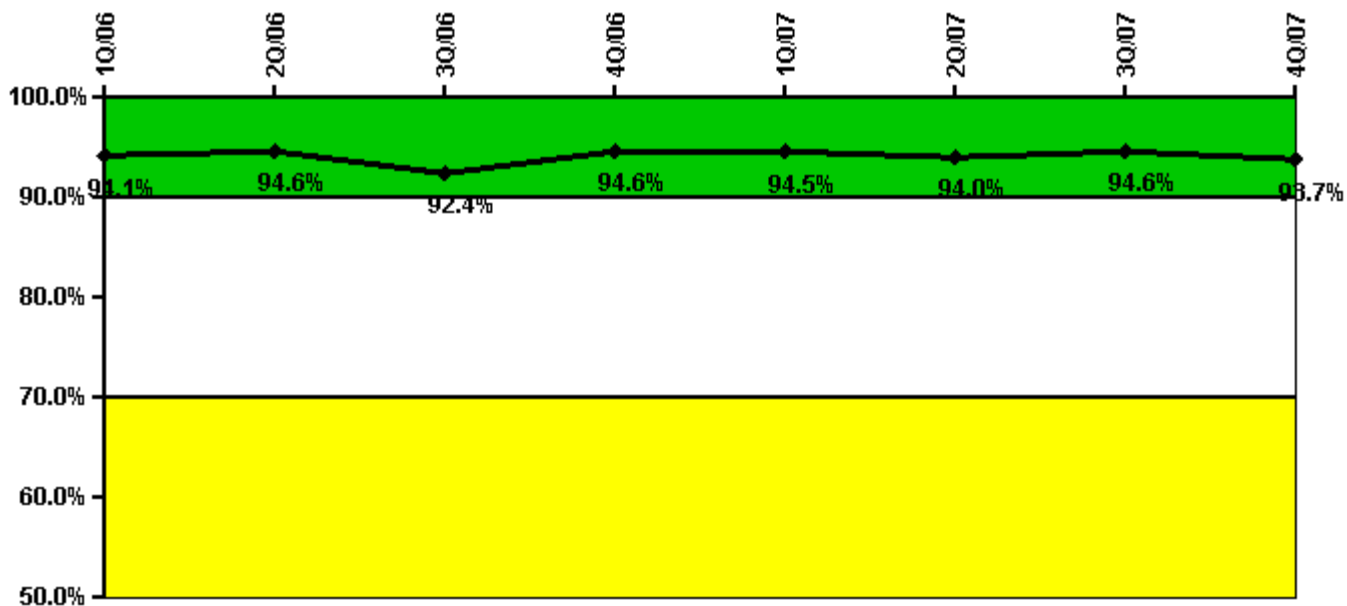
Notes

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	0.113	0.047	0.050	0.027	N/A	N/A	0.056	0.066	0.050	0.103	0.056	0.054
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	0.5	0.5	0.3	N/A	N/A	0.6	0.7	0.5	1.0	0.6	0.5

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	0.053	0.045	0.061	0.063	0.065	N/A	0.089	0.042	0.052	0.019	0.024	0.037
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	0.5	0.6	0.6	0.7	N/A	0.9	0.4	0.5	0.2	0.2	0.4

Licensee Comments: none

Drill/Exercise Performance



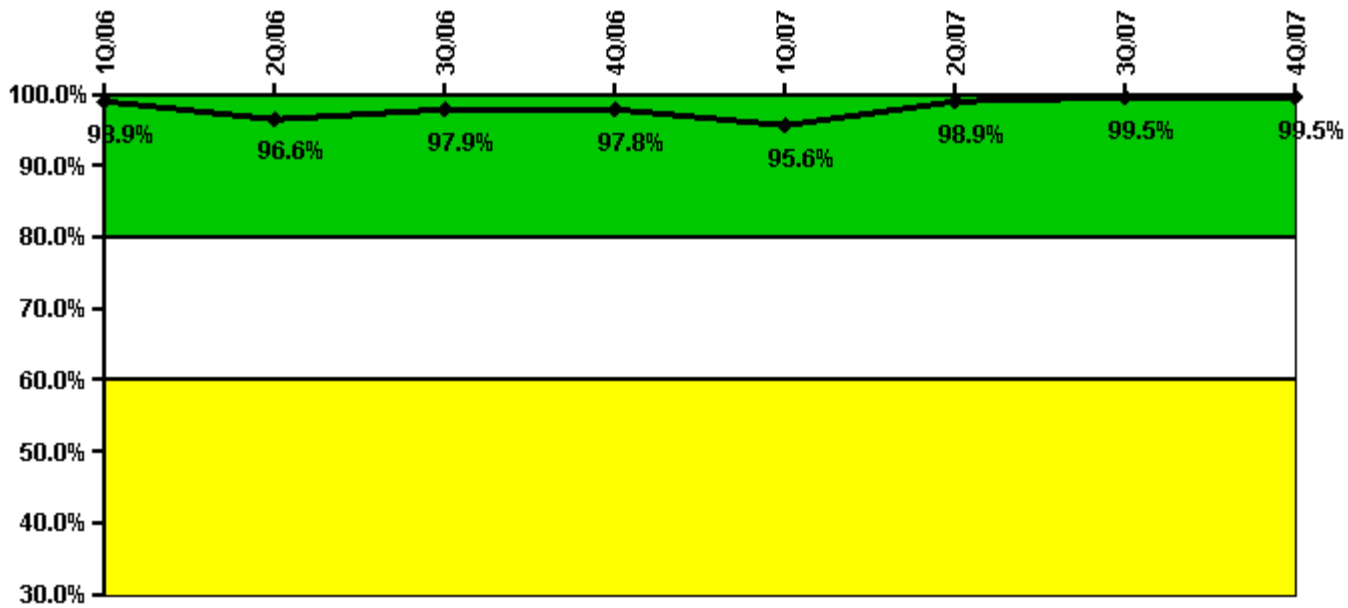
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	9.0	5.0	57.0	97.0	18.0	13.0	191.0	12.0
Total opportunities	11.0	5.0	64.0	102.0	19.0	16.0	200.0	12.0
Indicator value	94.1%	94.6%	92.4%	94.6%	94.5%	94.0%	94.6%	93.7%

Licensee Comments: none

ERO Drill Participation



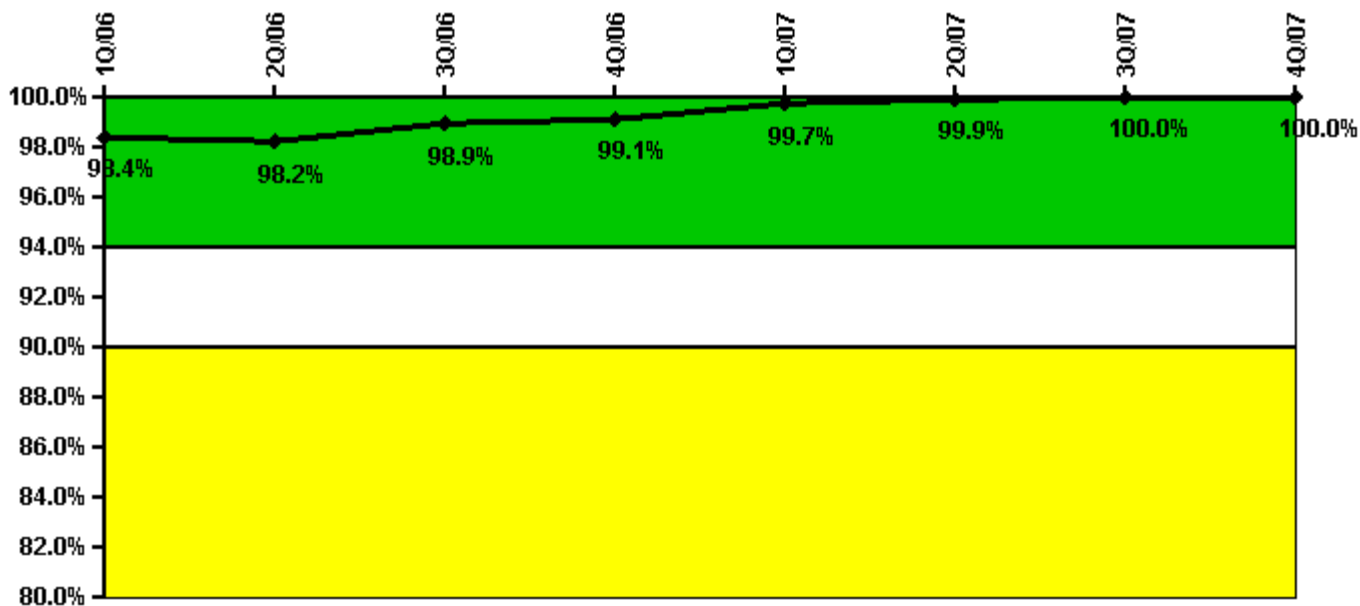
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	174.0	168.0	186.0	179.0	175.0	181.0	199.0	192.0
Total Key personnel	176.0	174.0	190.0	183.0	183.0	183.0	200.0	193.0
Indicator value	98.9%	96.6%	97.9%	97.8%	95.6%	98.9%	99.5%	99.5%

Licensee Comments: none

Alert & Notification System



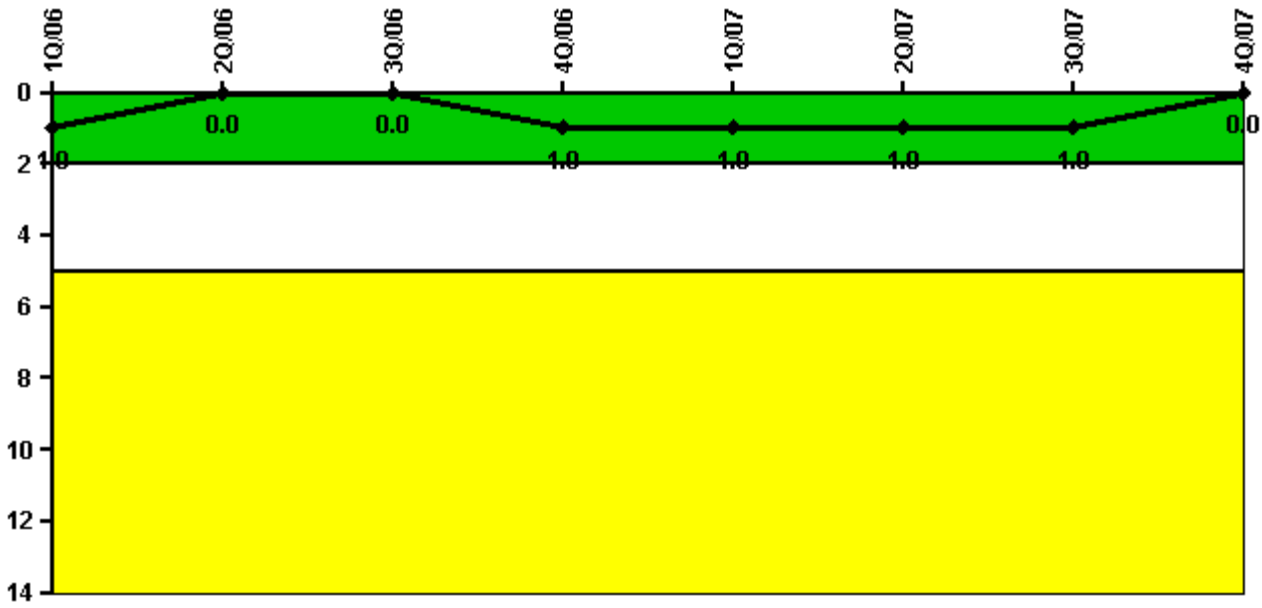
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	778	792	797	792	798	798	756	882
Total sirens-tests	798	798	798	793	798	798	756	882
Indicator value	98.4%	98.2%	98.9%	99.1%	99.7%	99.9%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



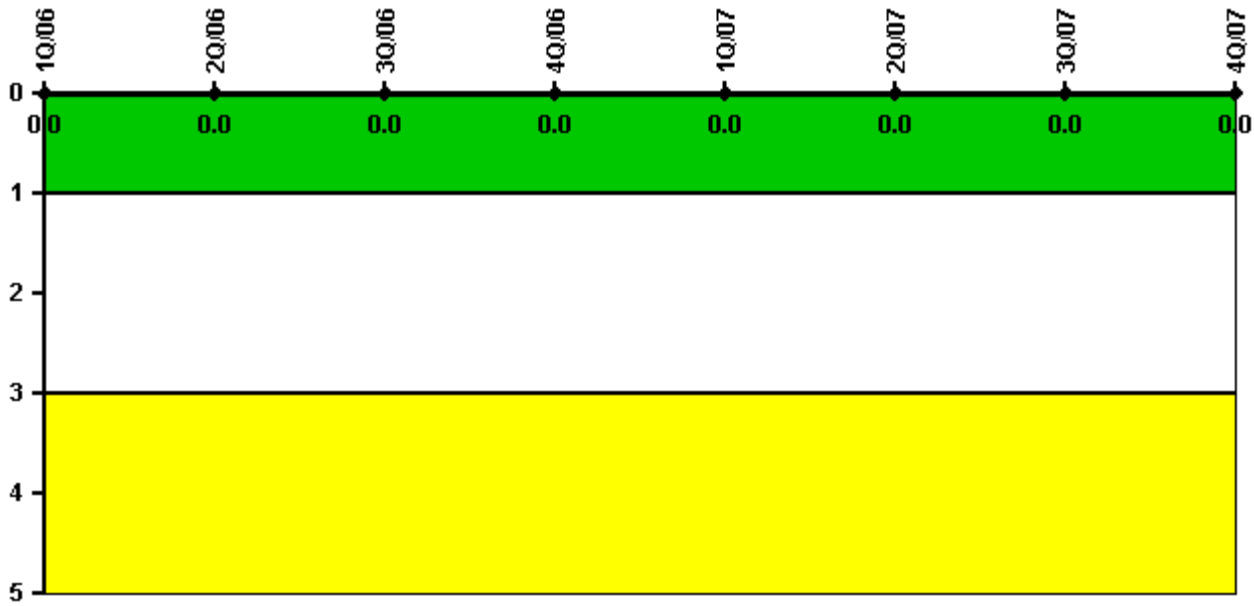
Thresholds: White > 2.0 Yellow > 5.0

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	1	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	0	0	1	1	1	1	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.