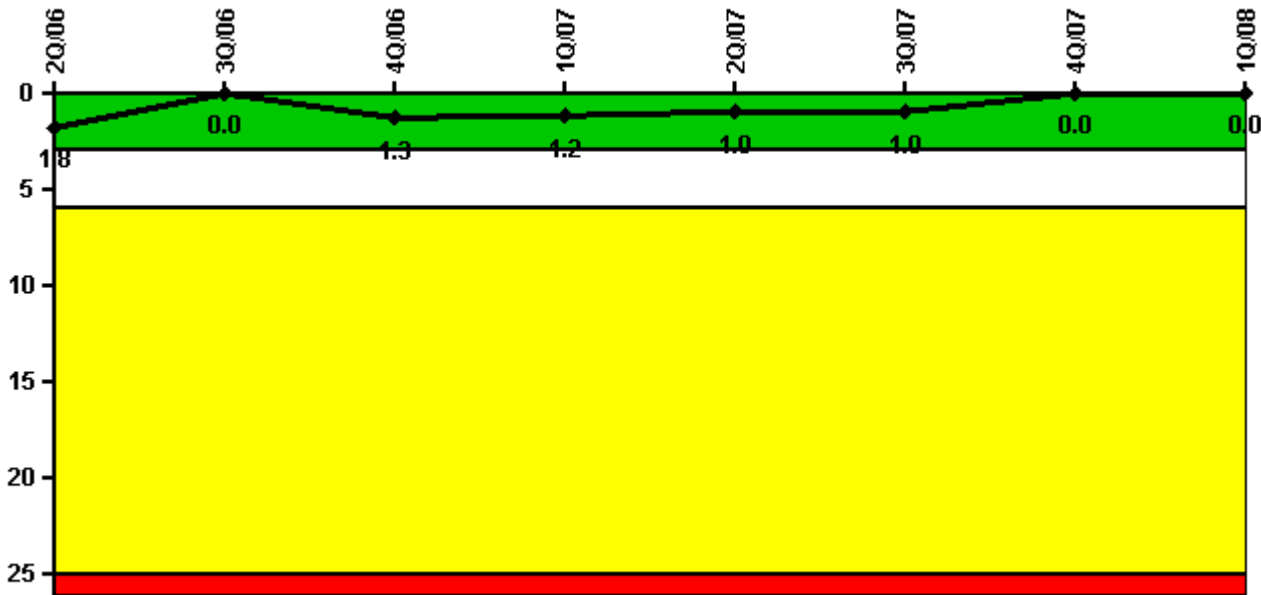


Palo Verde 1

1Q/2008 Performance Indicators

Licensee's General Comments: PP01 data from 1Q2006 through 4Q2007 was revised based on corrective actions related to equipment log keeping practices. No color change occurred as a result of the revisions. This file is a reconstruction and time of generation is approximate since the data was corrupted during generation.

Unplanned Scrams per 7000 Critical Hrs



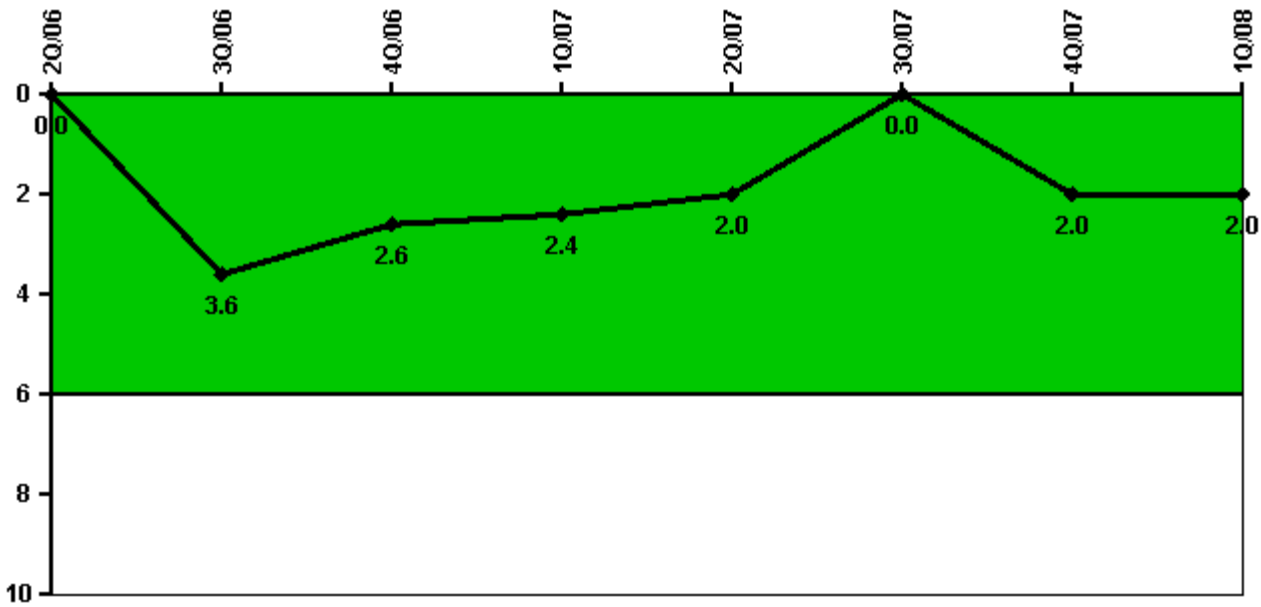
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	0	1777.3	1823.9	2160.0	1152.0	1878.4	1803.3	2184.0
Indicator value	1.8	0	1.3	1.2	1.0	1.0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	0	2.0	0	0	0	0	2.0	0
Critical hours	0	1777.3	1823.9	2160.0	1152.0	1878.4	1803.3	2184.0
Indicator value	0	3.6	2.6	2.4	2.0	0	2.0	2.0

Licensee Comments: none

Unplanned Scrams with Complications



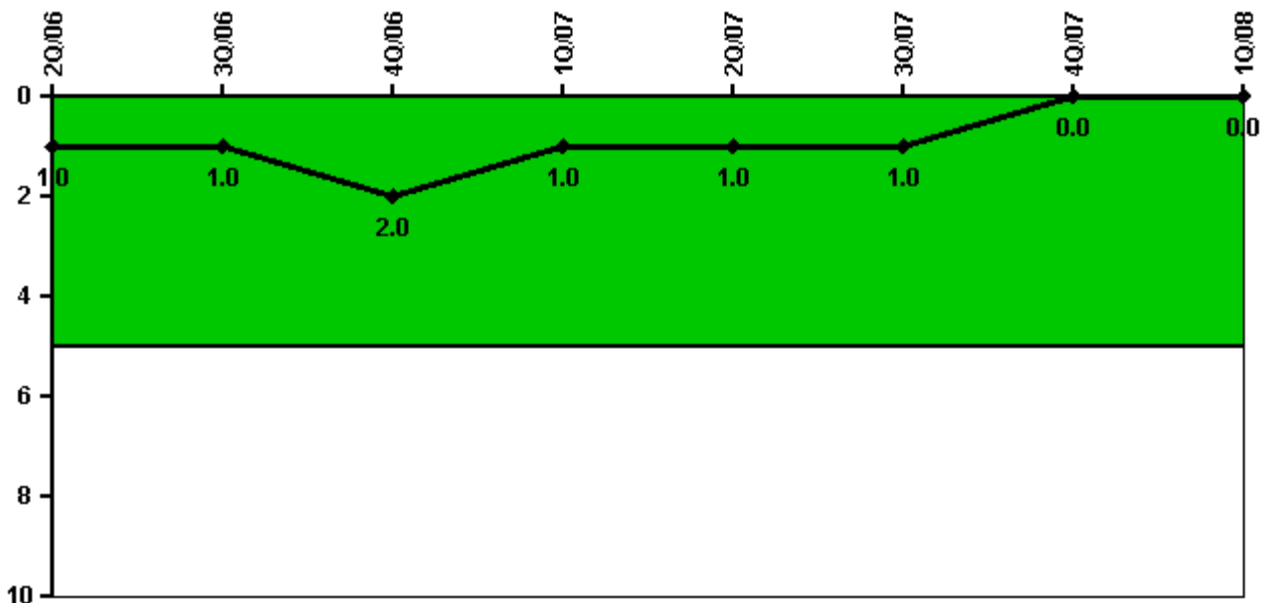
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)



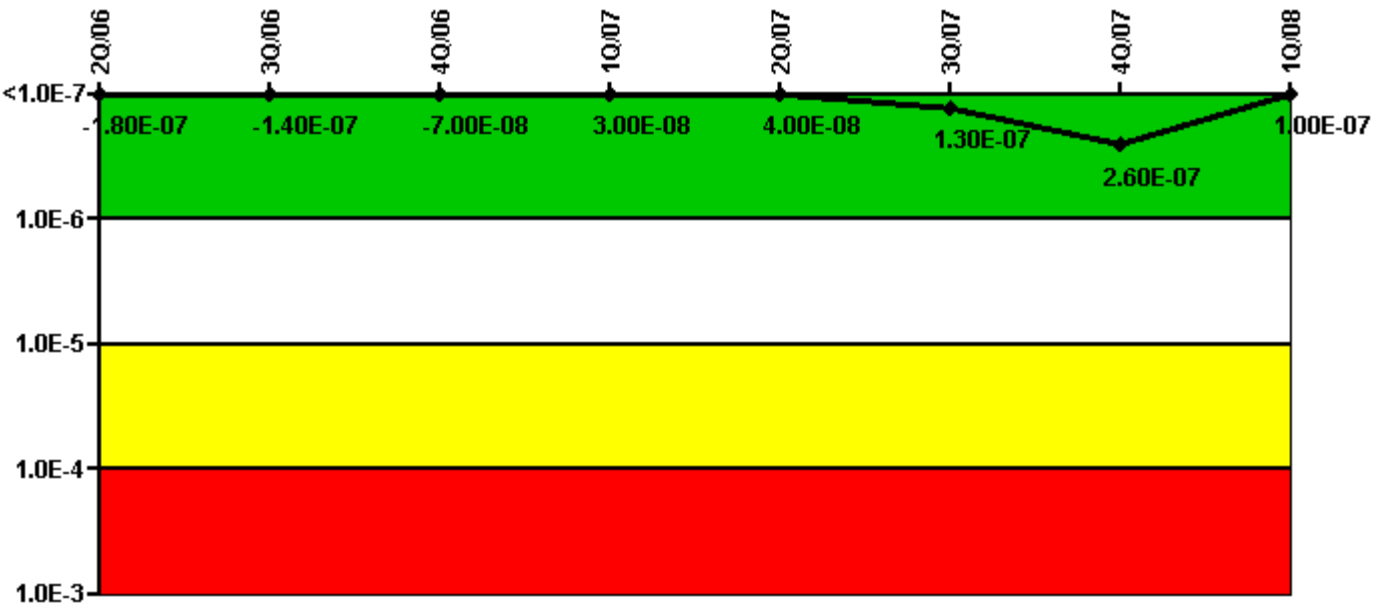
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	1	1	2	1	1	1	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

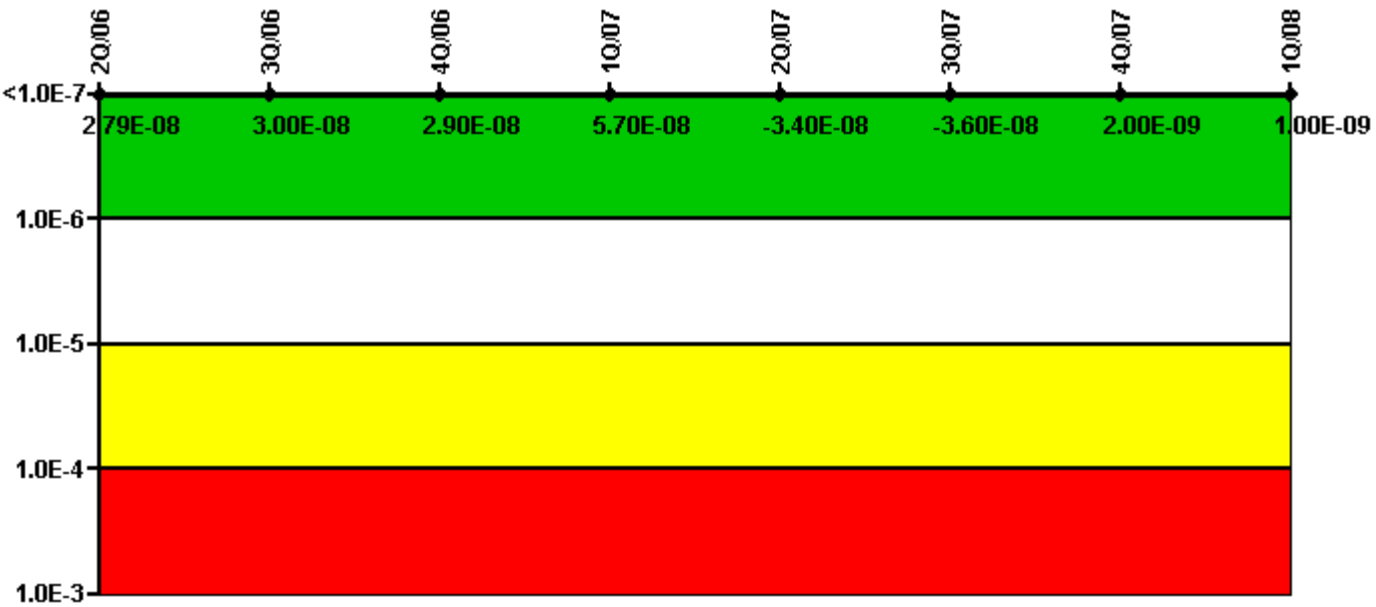
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	2.60E-07	3.00E-07	3.80E-07	4.80E-07	4.80E-07	5.70E-07	3.50E-07	3.20E-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	-2.20E-07
PLE	NO	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	1.00E-07

Licensee Comments:

1Q/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

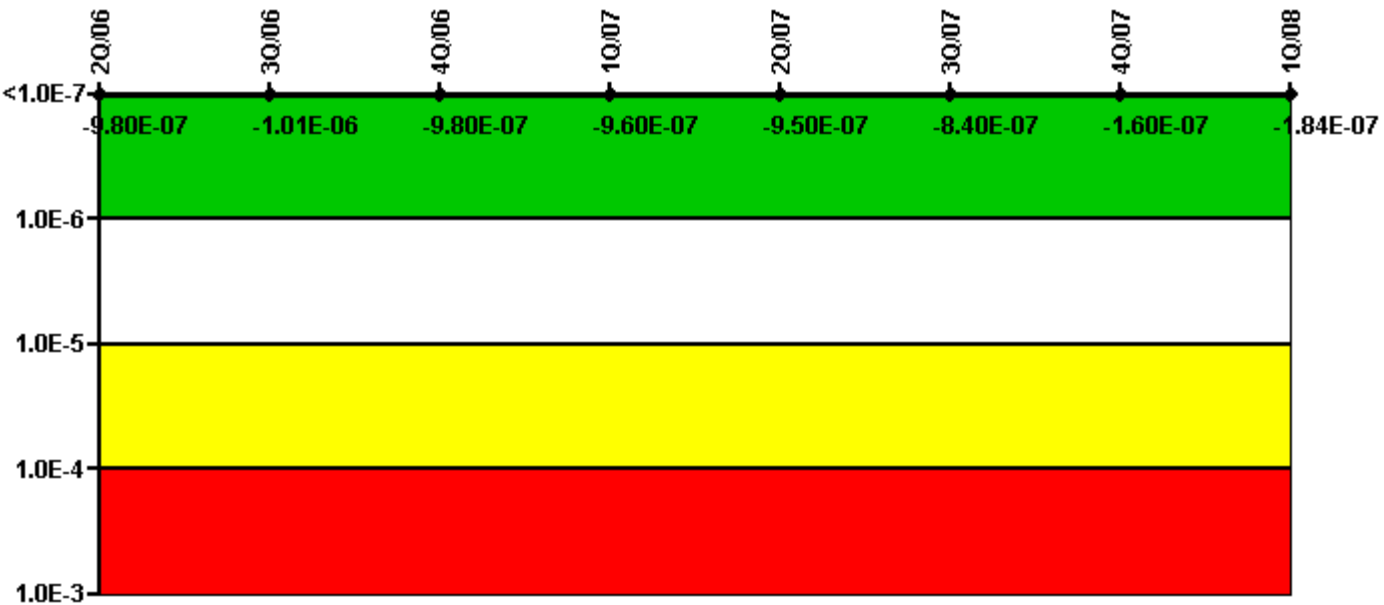
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	9.90E-09	1.20E-08	1.10E-08	3.90E-08	4.00E-08	3.80E-08	1.70E-08	1.60E-08
URI (ΔCDF)	1.80E-08	1.80E-08	1.80E-08	1.80E-08	-7.40E-08	-7.40E-08	-1.50E-08	-1.50E-08
PLE	NO	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	1.00E-09

Licensee Comments:

1Q/08: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



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

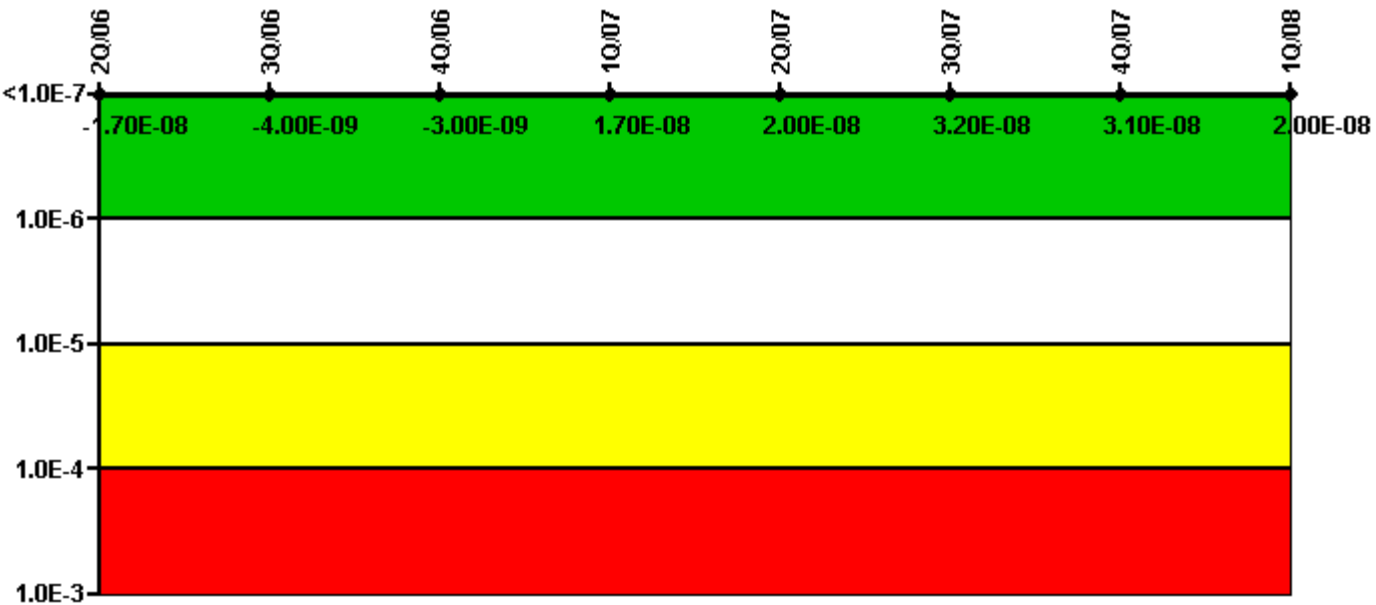
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-3.60E-07	-3.90E-07	-3.60E-07	-3.40E-07	-3.30E-07	-2.20E-07	7.00E-08	4.60E-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	-2.30E-07
PLE	NO	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	-1.84E-07

Licensee Comments:

1Q/08: 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

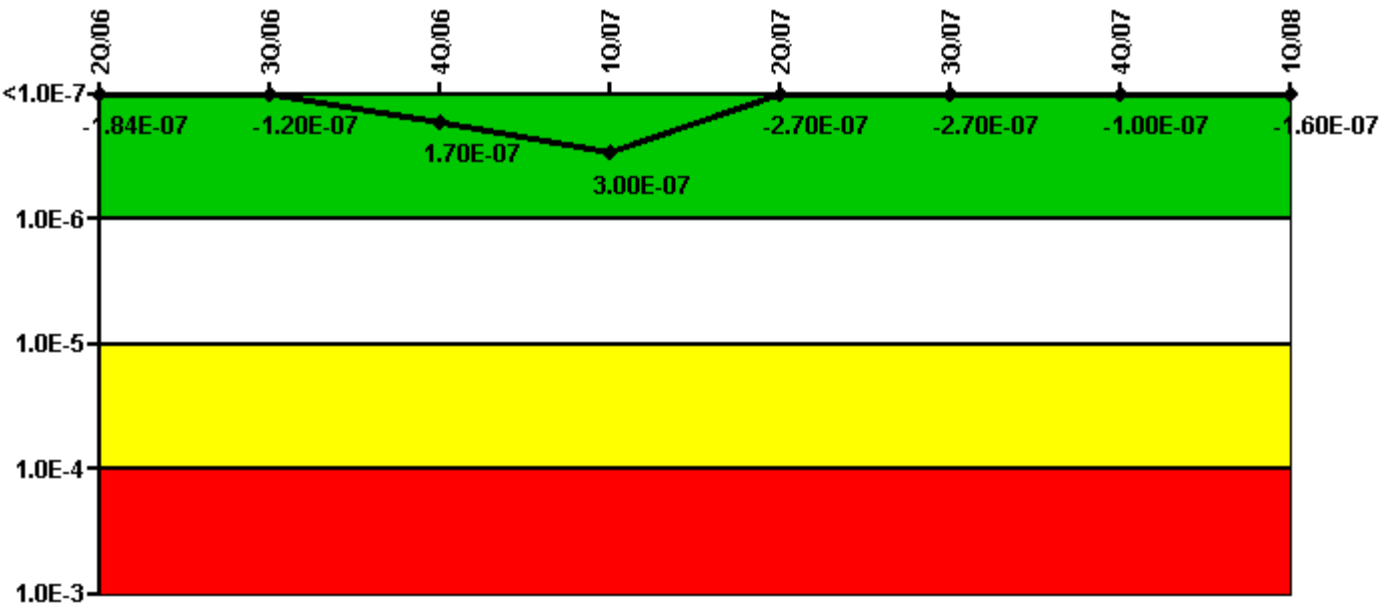
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	2.10E-08	3.40E-08	3.50E-08	5.50E-08	5.80E-08	7.00E-08	4.00E-08	2.90E-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	-9.00E-09
PLE	NO	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	2.00E-08

Licensee Comments:

1Q/08: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



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

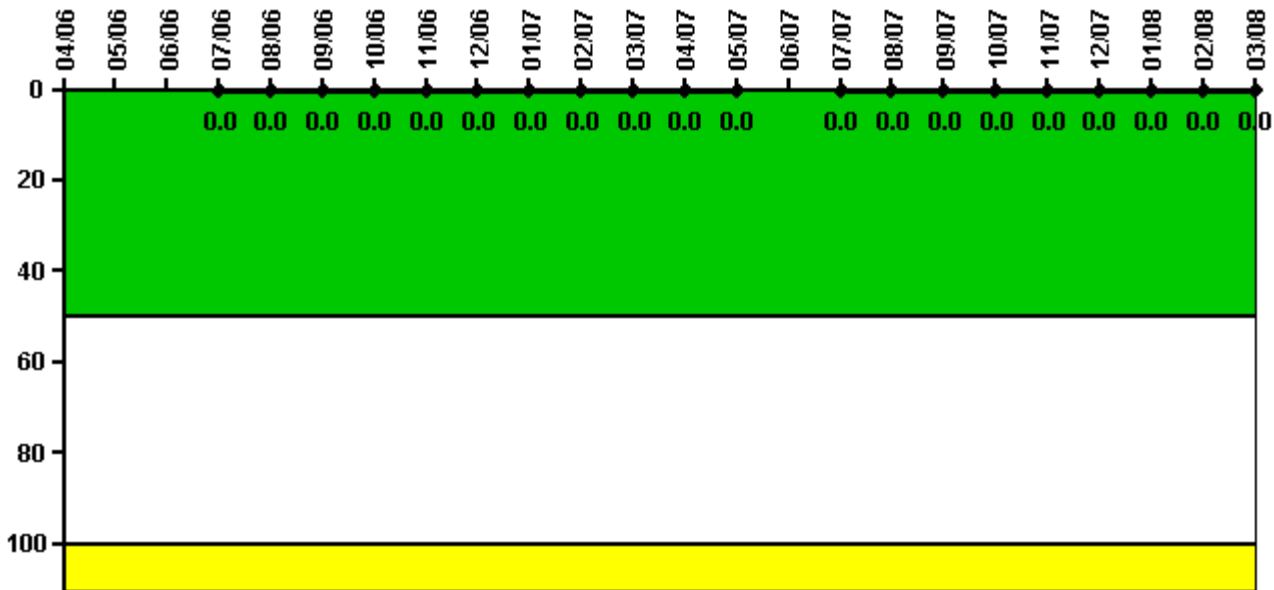
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	8.60E-08	1.50E-07	4.40E-07	5.70E-07	-2.60E-11	-2.50E-11	-2.20E-11	-5.20E-11
URI (ΔCDF)	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-1.00E-07	-1.60E-07
PLE	NO	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	-1.60E-07

Licensee Comments:

1Q/08: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

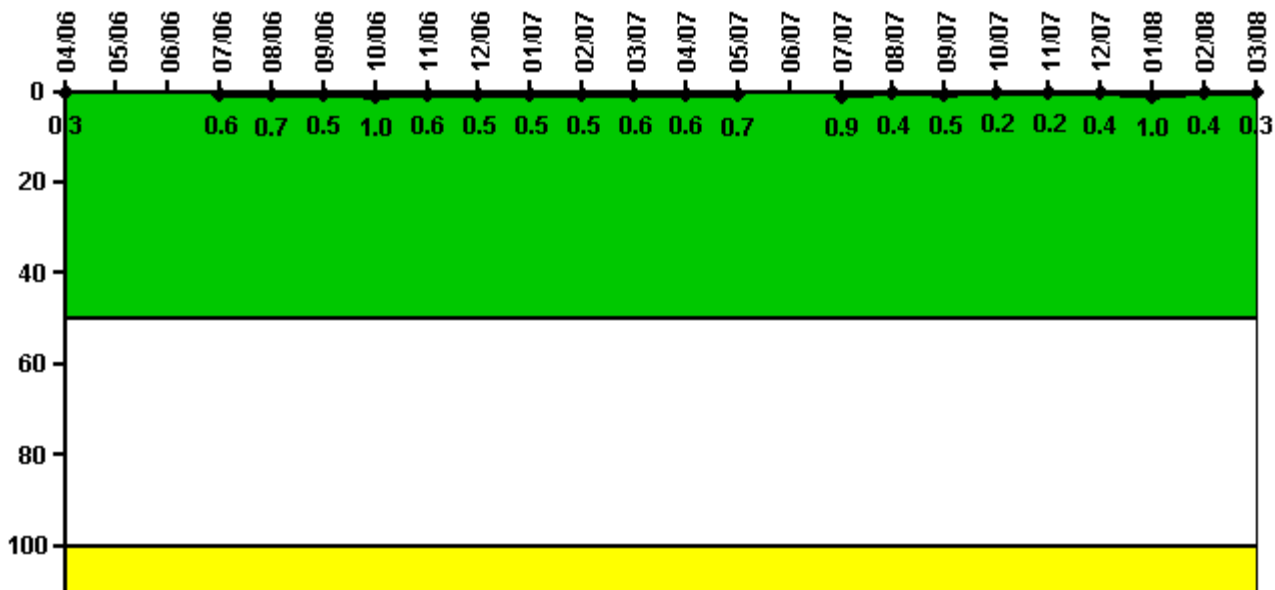
Notes

Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	N/A	N/A	N/A	0.000320	0.000341	0.000333	0.000314	0.000396	0.000402	0.000444	0.000441	0.000477
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	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	0.000480	0.000453	N/A	0.000253	0.000279	0.000296	0.000303	0.000281	0.000322	0.000338	0.000331	0.000348
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	N/A	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

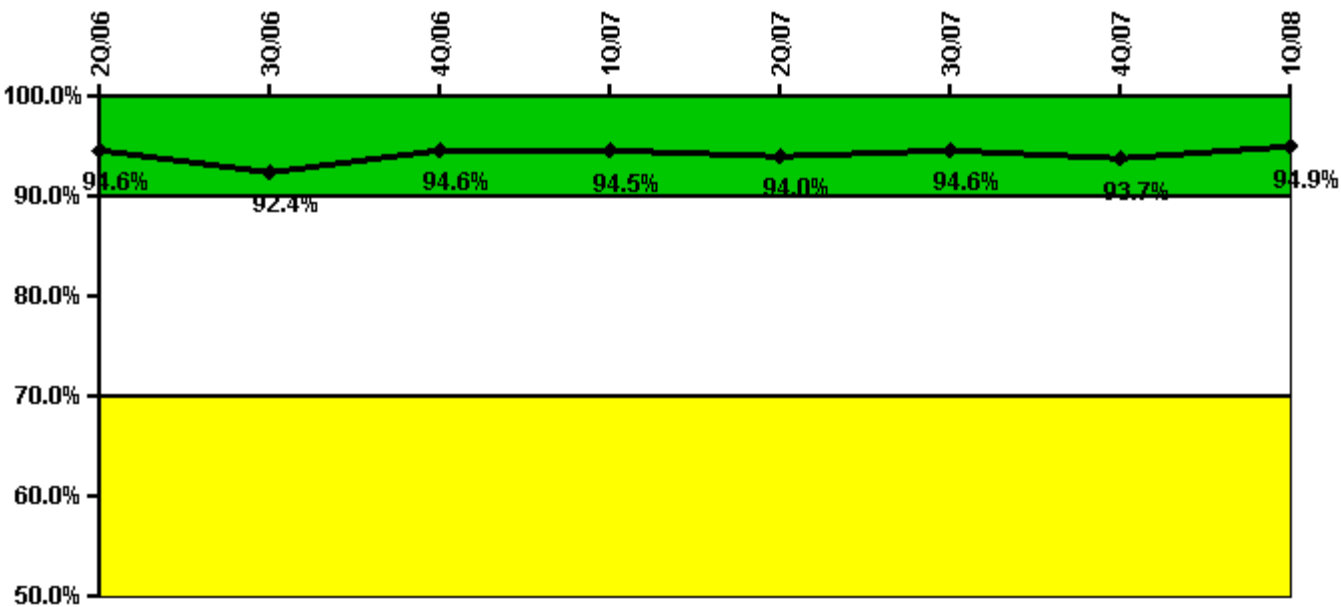
Notes

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.027	N/A	N/A	0.056	0.066	0.050	0.103	0.056	0.054	0.053	0.045	0.061
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	0.3	N/A	N/A	0.6	0.7	0.5	1.0	0.6	0.5	0.5	0.5	0.6

Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0.063	0.065	N/A	0.089	0.042	0.052	0.019	0.024	0.037	0.100	0.040	0.031
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	0.6	0.7	N/A	0.9	0.4	0.5	0.2	0.2	0.4	1.0	0.4	0.3

Licensee Comments: none

Drill/Exercise Performance



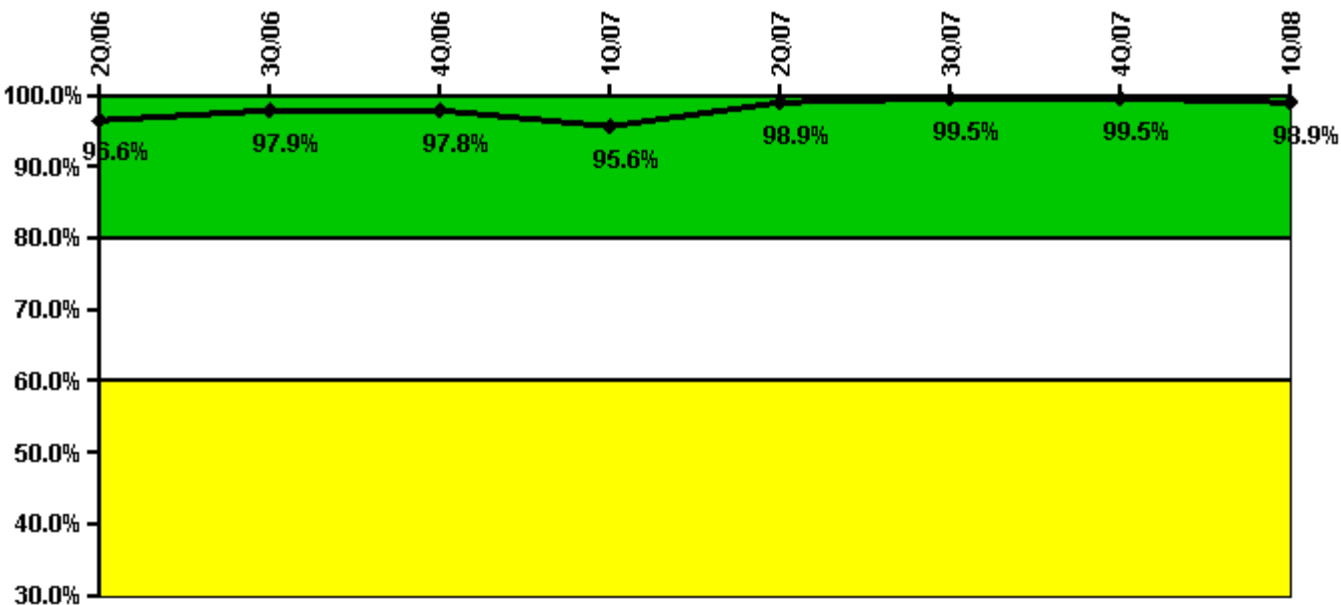
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	5.0	57.0	97.0	18.0	13.0	191.0	12.0	130.0
Total opportunities	5.0	64.0	102.0	19.0	16.0	200.0	12.0	133.0
Indicator value	94.6%	92.4%	94.6%	94.5%	94.0%	94.6%	93.7%	94.9%

Licensee Comments: none

ERO Drill Participation



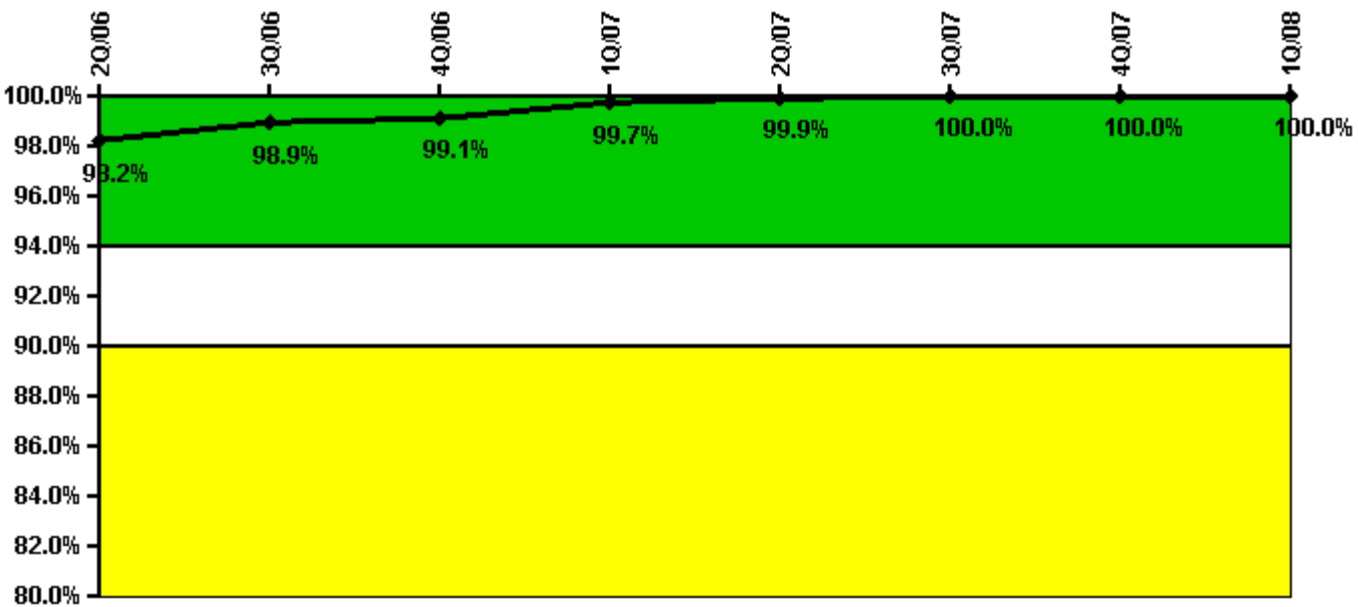
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	168.0	186.0	179.0	175.0	181.0	199.0	192.0	188.0
Total Key personnel	174.0	190.0	183.0	183.0	183.0	200.0	193.0	190.0
Indicator value	96.6%	97.9%	97.8%	95.6%	98.9%	99.5%	99.5%	98.9%

Licensee Comments: none

Alert & Notification System



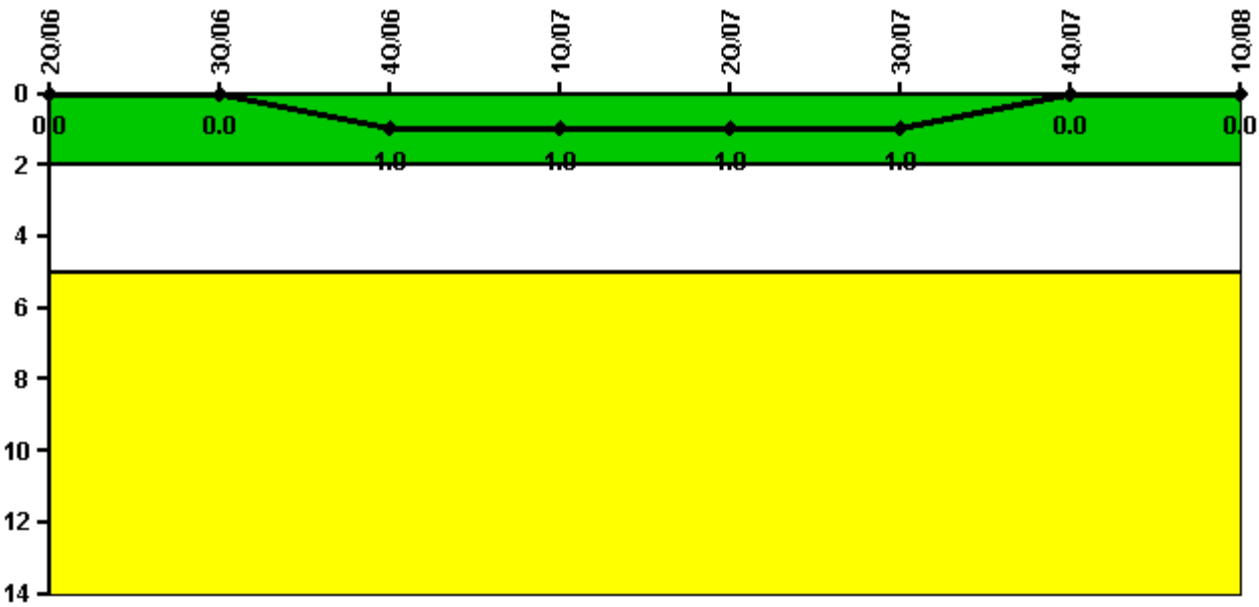
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	792	797	792	798	798	756	882	755
Total sirens-tests	798	798	793	798	798	756	882	756
Indicator value	98.2%	98.9%	99.1%	99.7%	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	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
High radiation area occurrences	0	0	1	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	1	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/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: April 30, 2008