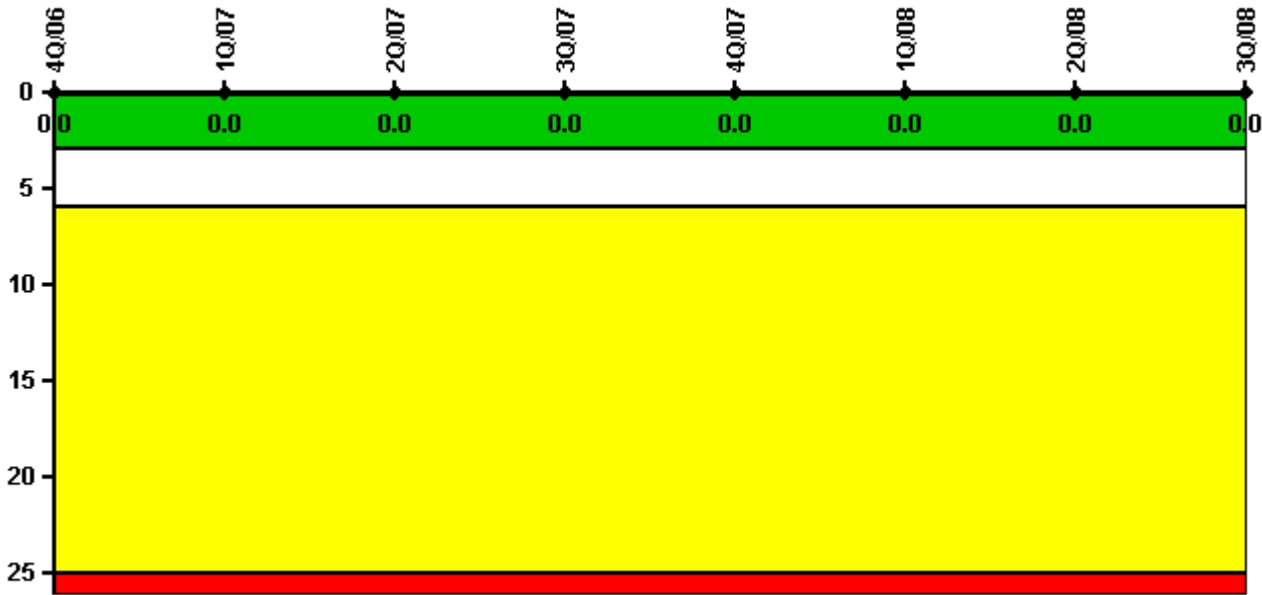


Brunswick 1

3Q/2008 Performance Indicators

Licensee's General Comments: LER 1-2008-001 Revision 1 was submitted on 07/31/08 withdrawing the Safety System Functional Failure reported in the 2nd Quarter. The completed investigation determined that the HPCI system was fully able to meet its design basis safety function.

Unplanned Scrams per 7000 Critical Hrs



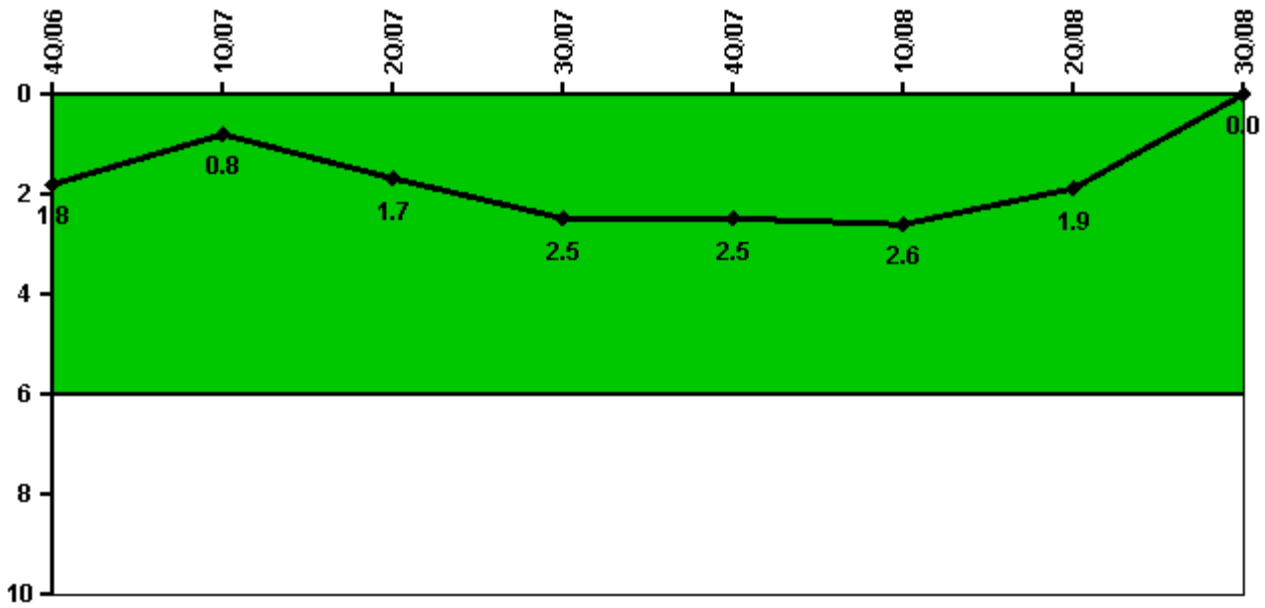
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2087.5	1915.5	2209.0	1778.0	1532.6	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/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	0	0	1.0	2.0	0	0	0	0
Critical hours	2209.0	2159.0	2087.5	1915.5	2209.0	1778.0	1532.6	2208.0
Indicator value	1.8	0.8	1.7	2.5	2.5	2.6	1.9	0

Licensee Comments: none

Unplanned Scrams with Complications



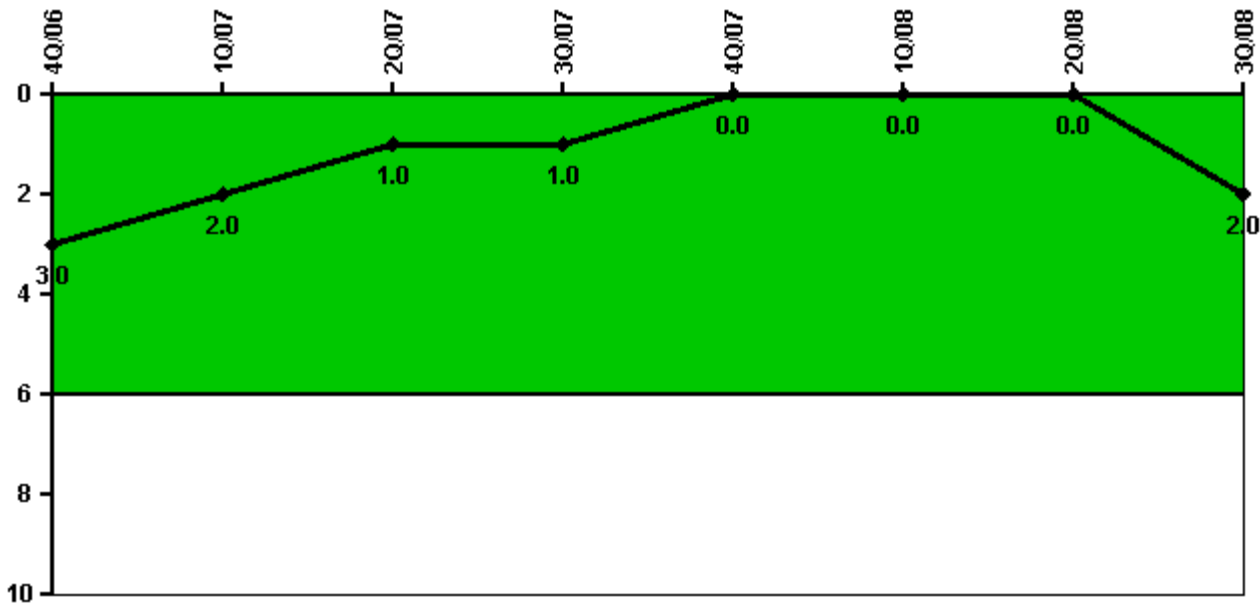
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

Notes

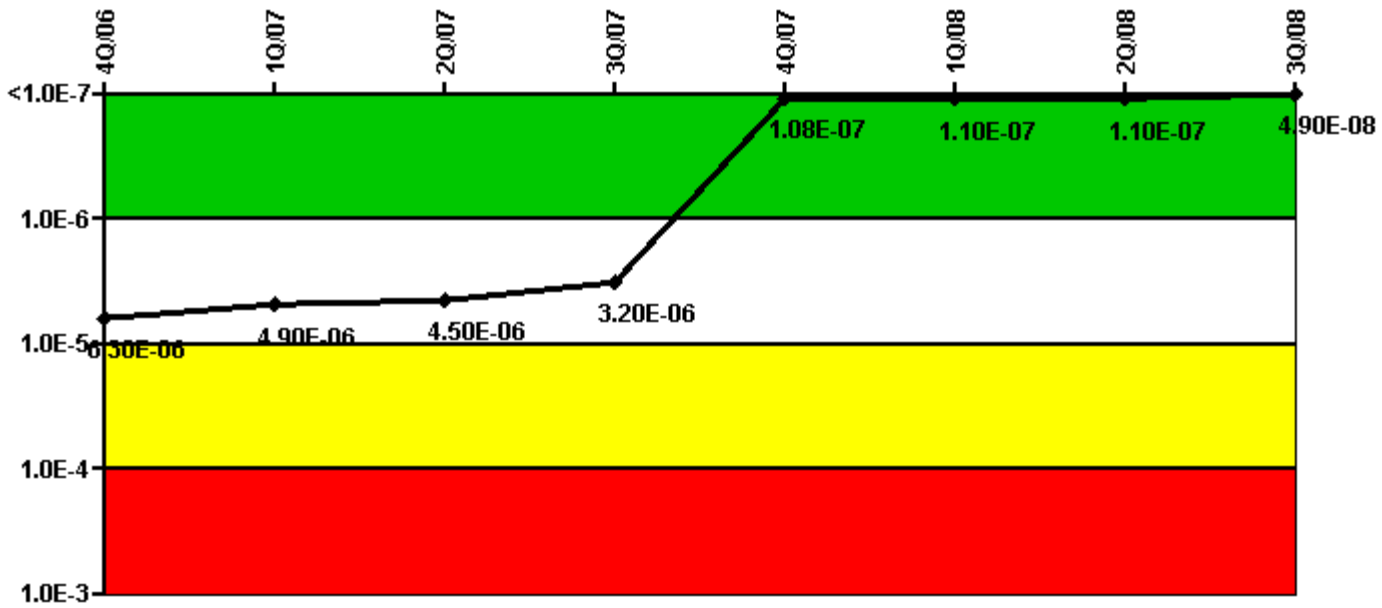
Safety System Functional Failures (BWR)	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Safety System Functional Failures	1	0	0	0	0	0	0	2
Indicator value	3	2	1	1	0	0	0	2

Licensee Comments:

3Q/08: LER 1-2008-002 submitted 08/04/08 for loss of two Control Room air conditioning systems. LER 1-2008-004 submitted on 08/18/08 for Control Room emergency ventilation subsystems inoperable due to failure to isolate.

2Q/08: LER 1-2008-01 was submitted in June due to a HPCI main pump seal failure, resulting in an event or condition that could have prevented fulfillment of a safety function. An engineering evaluation is ongoing, and based on preliminary results, the HPCI system has been determined to meet its intended safety function. Upon finalization of the evaluation, this LER is expected to be withdrawn.

Mitigating Systems Performance Index, Emergency AC Power System



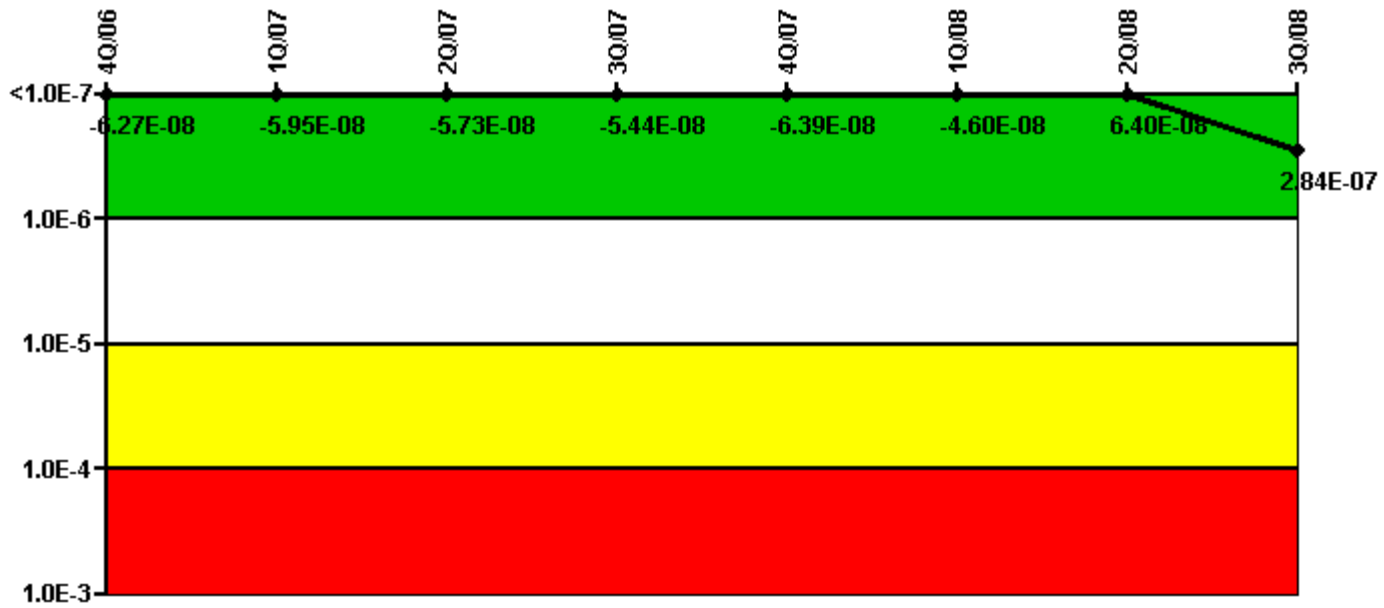
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	1.20E-06	1.30E-06	1.80E-06	1.60E-06	1.70E-08	1.90E-08	2.00E-08	1.30E-08
URI (ΔCDF)	5.10E-06	3.60E-06	2.70E-06	1.60E-06	9.10E-08	9.10E-08	9.00E-08	3.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.30E-06	4.90E-06	4.50E-06	3.20E-06	1.08E-07	1.10E-07	1.10E-07	4.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



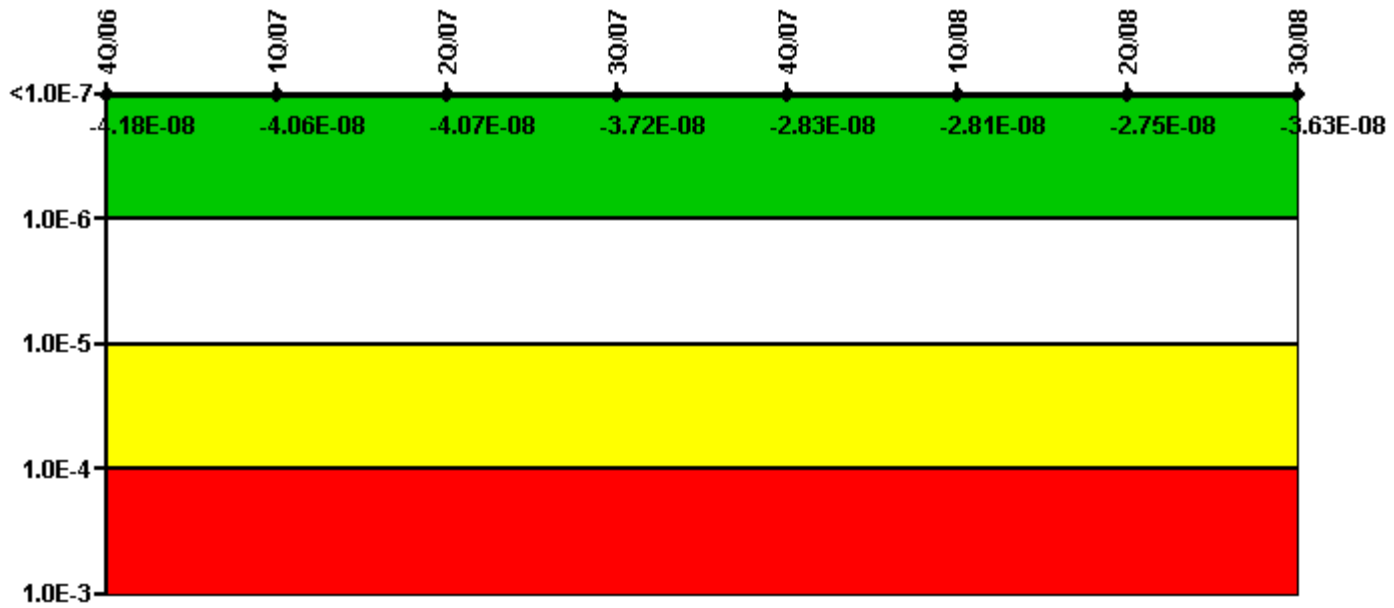
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	4.30E-09	2.50E-09	4.70E-09	7.60E-09	3.10E-09	2.10E-08	1.00E-07	2.10E-07
URI (Δ CDF)	-6.70E-08	-6.20E-08	-6.20E-08	-6.20E-08	-6.70E-08	-6.70E-08	-3.60E-08	7.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-6.27E-08	-5.95E-08	-5.73E-08	-5.44E-08	-6.39E-08	-4.60E-08	6.40E-08	2.84E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



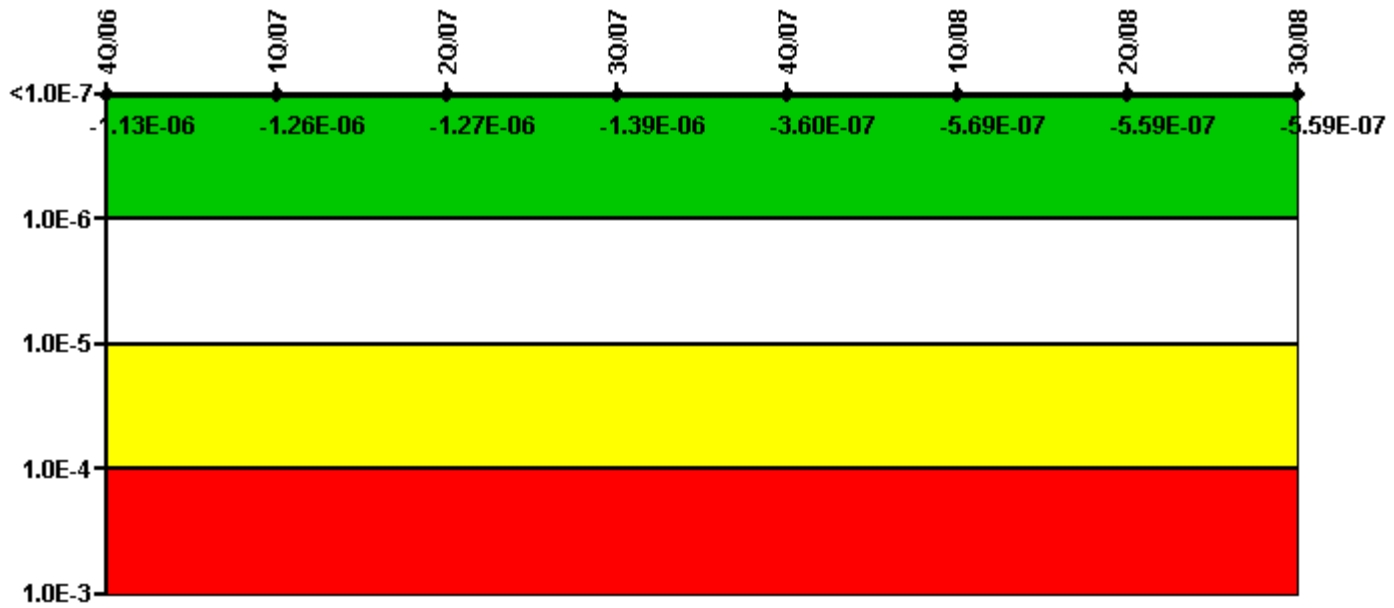
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-6.80E-09	-7.60E-09	-7.70E-09	-4.20E-09	6.90E-10	8.80E-10	1.50E-09	7.20E-10
URI (Δ CDF)	-3.50E-08	-3.30E-08	-3.30E-08	-3.30E-08	-2.90E-08	-2.90E-08	-2.90E-08	-3.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.18E-08	-4.06E-08	-4.07E-08	-3.72E-08	-2.83E-08	-2.81E-08	-2.75E-08	-3.63E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



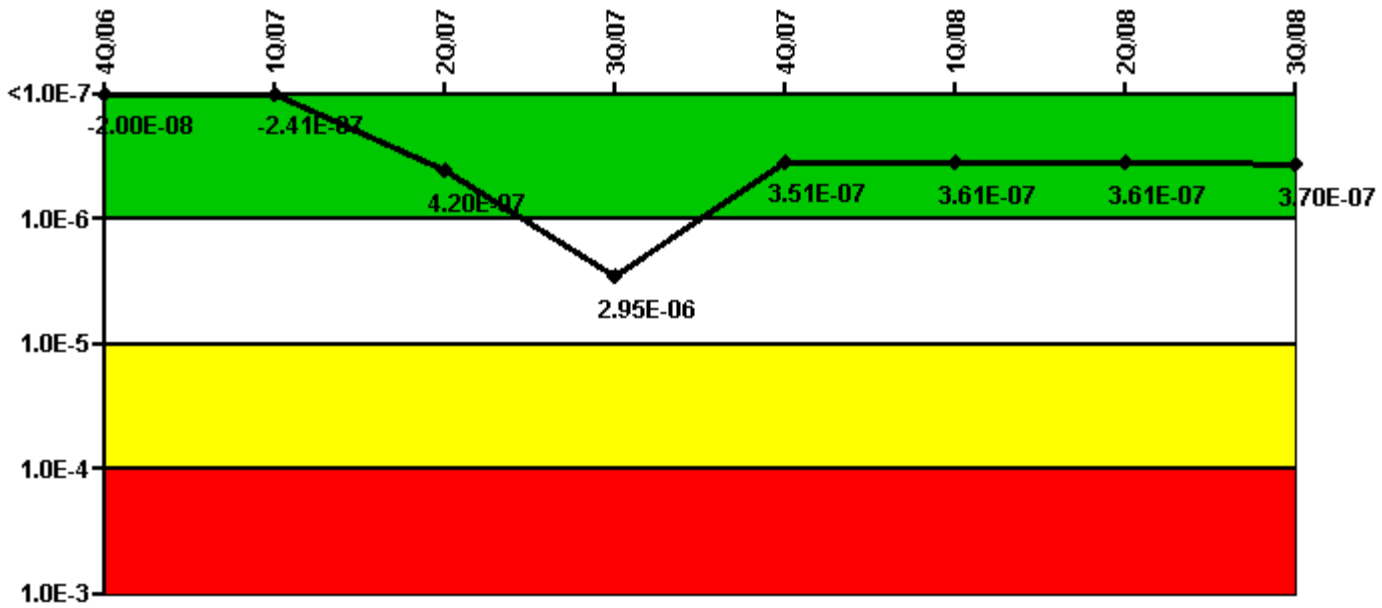
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	6.70E-07	6.40E-07	6.30E-07	5.10E-07	1.10E-07	-9.90E-08	-9.90E-08	-9.90E-08
URI (Δ CDF)	-1.80E-06	-1.90E-06	-1.90E-06	-1.90E-06	-4.70E-07	-4.70E-07	-4.60E-07	-4.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.13E-06	-1.26E-06	-1.27E-06	-1.39E-06	-3.60E-07	-5.69E-07	-5.59E-07	-5.59E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



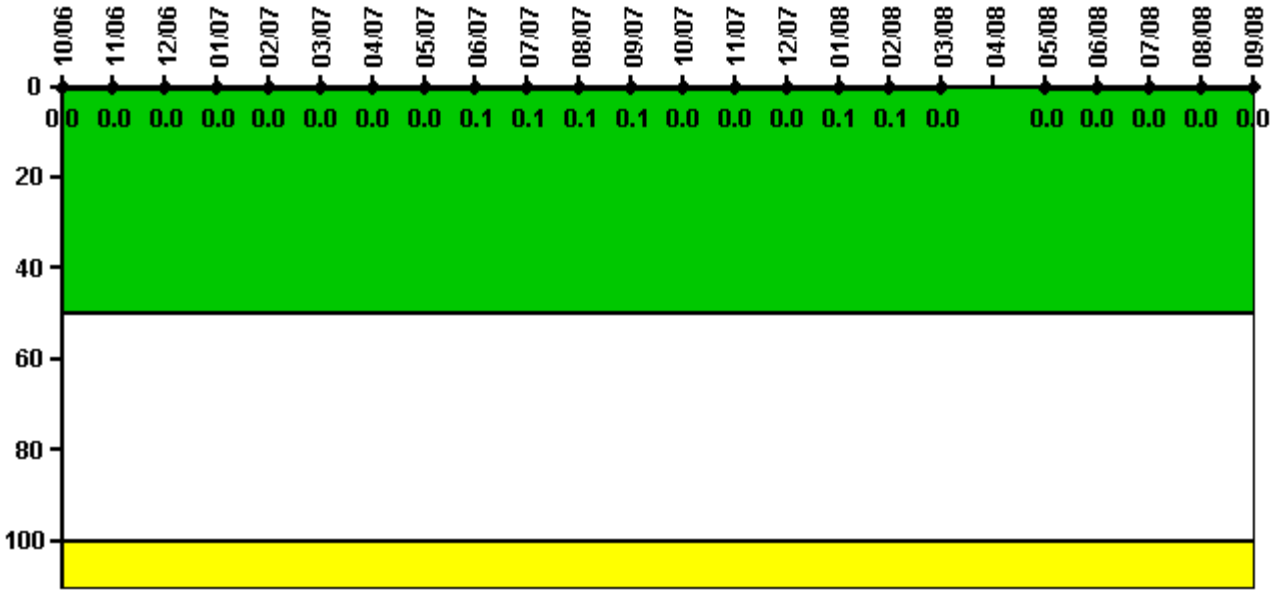
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	2.00E-07	-1.40E-09	7.00E-07	2.70E-06	3.10E-07	3.20E-07	3.20E-07	3.30E-07
URI (ΔCDF)	-2.20E-07	-2.40E-07	-2.80E-07	2.50E-07	4.10E-08	4.10E-08	4.10E-08	4.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.00E-08	-2.41E-07	4.20E-07	2.95E-06	3.51E-07	3.61E-07	3.61E-07	3.70E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

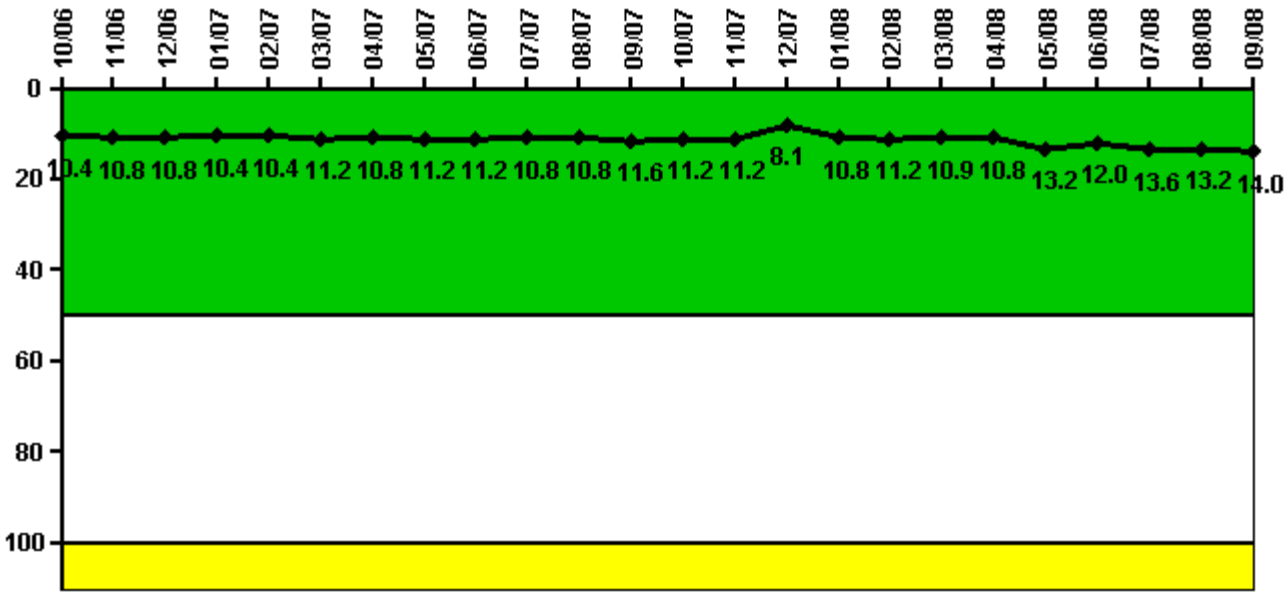
Notes

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	0.000057	0.000091	0.000089	0.000095	0.000074	0.000099	0.000097	0.000099	0.000127	0.000104	0.000103	0.000135
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	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.000098	0.000096	0.000096	0.000130	0.000169	0.000089	N/A	0.000057	0.000058	0.000065	0.000056	0.000062
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	0.1	0.1	0	N/A	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



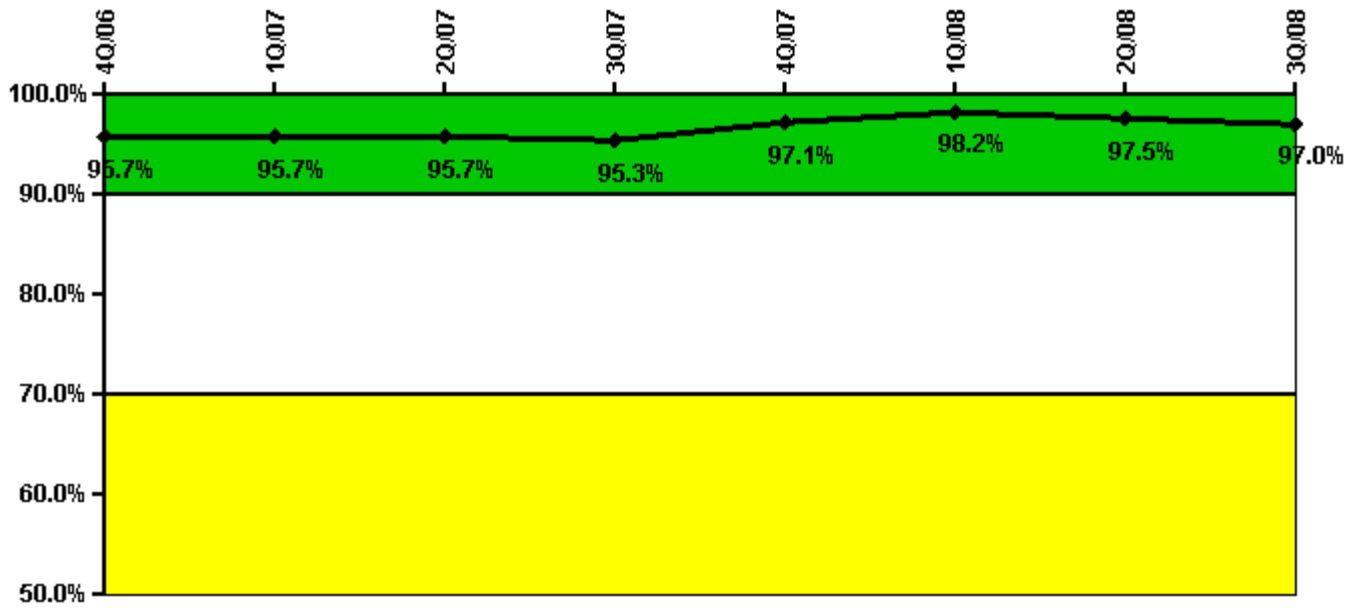
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	2.600	2.700	2.700	2.600	2.600	2.800	2.700	2.800	2.800	2.700	2.700	2.900
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	10.4	10.8	10.8	10.4	10.4	11.2	10.8	11.2	11.2	10.8	10.8	11.6
Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	2.800	2.800	2.020	2.700	2.800	2.730	2.700	3.300	3.000	3.400	3.300	3.500
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	11.2	11.2	8.1	10.8	11.2	10.9	10.8	13.2	12.0	13.6	13.2	14.0

Licensee Comments: none

Drill/Exercise Performance



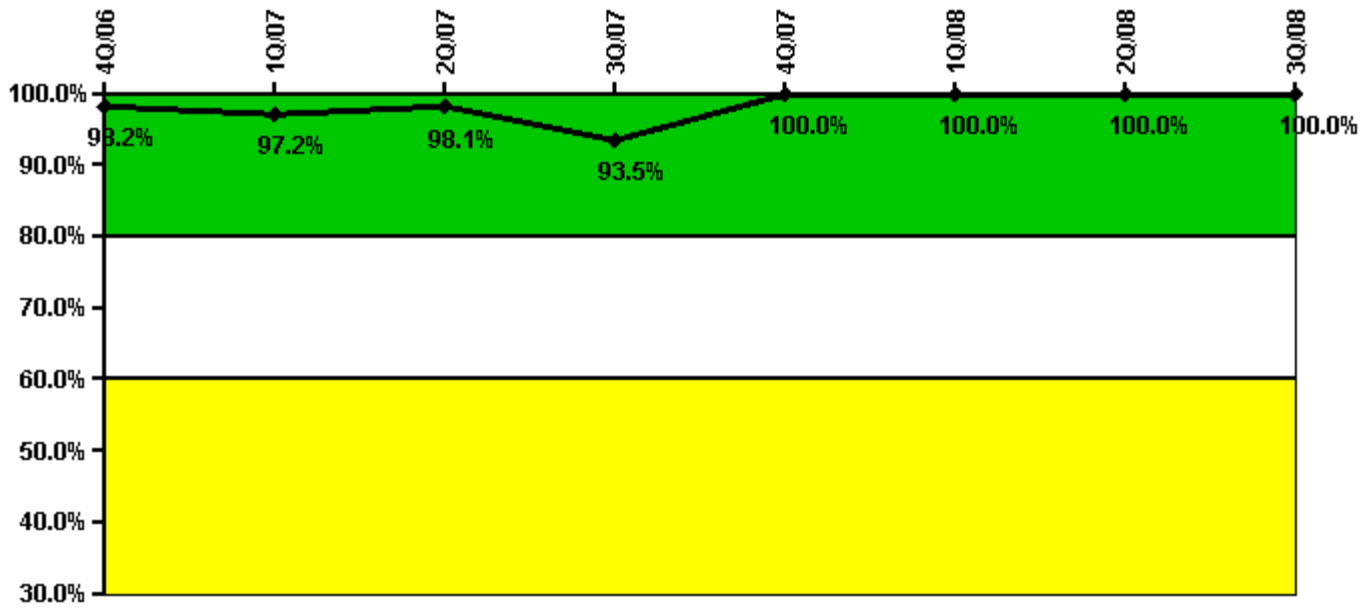
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	26.0	0	13.0	18.0	38.0	0	13.0	21.0
Total opportunities	28.0	0	13.0	18.0	38.0	0	14.0	22.0
Indicator value	95.7%	95.7%	95.7%	95.3%	97.1%	98.2%	97.5%	97.0%

Licensee Comments: none

ERO Drill Participation



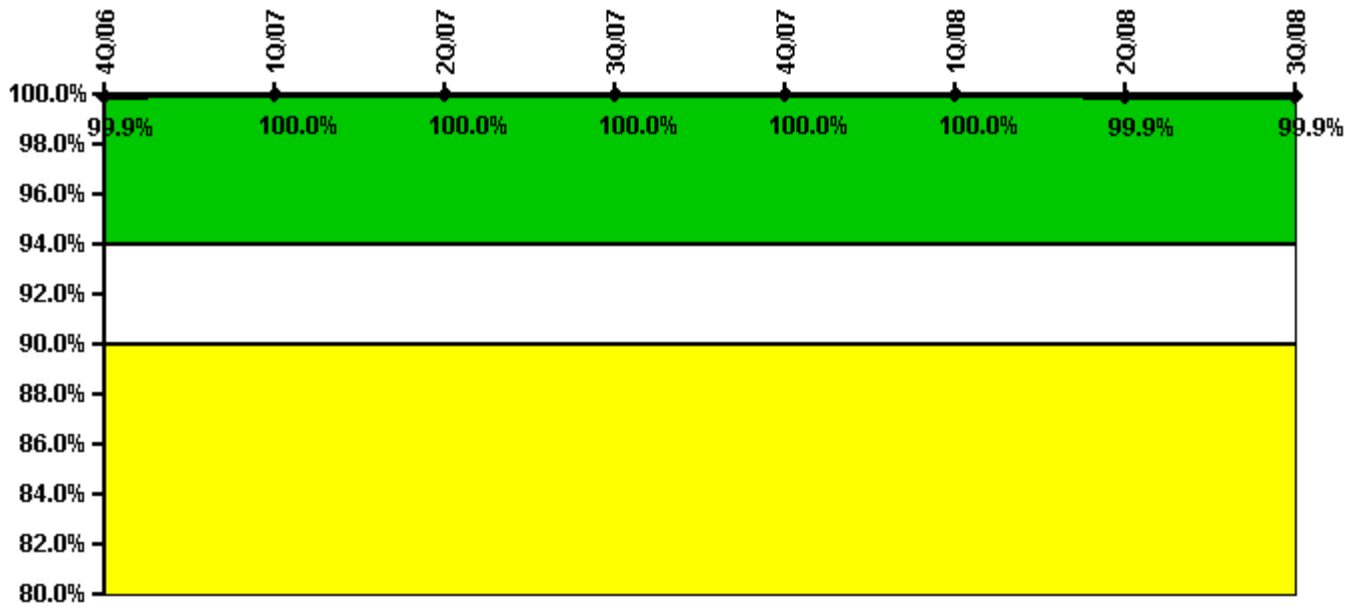
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	108.0	104.0	105.0	101.0	102.0	97.0	95.0	93.0
Total Key personnel	110.0	107.0	107.0	108.0	102.0	97.0	95.0	93.0
Indicator value	98.2%	97.2%	98.1%	93.5%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



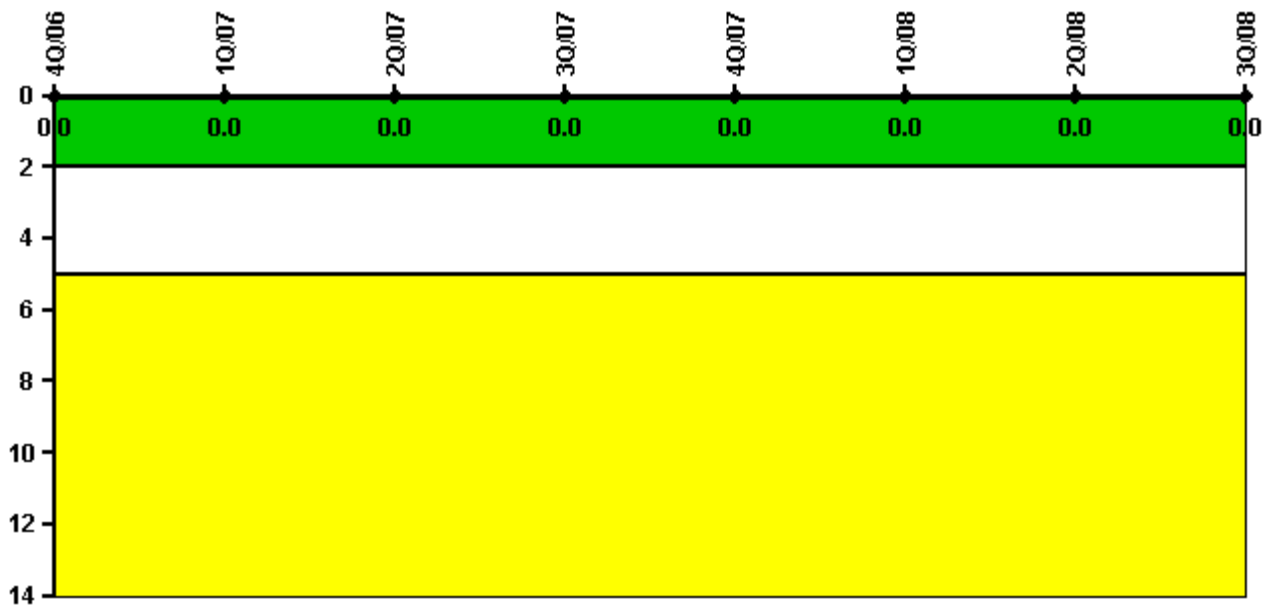
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	560	532	532	532	569	532	531	570
Total sirens-tests	560	532	532	532	570	532	532	570
Indicator value	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
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	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/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

Security information not publicly available.