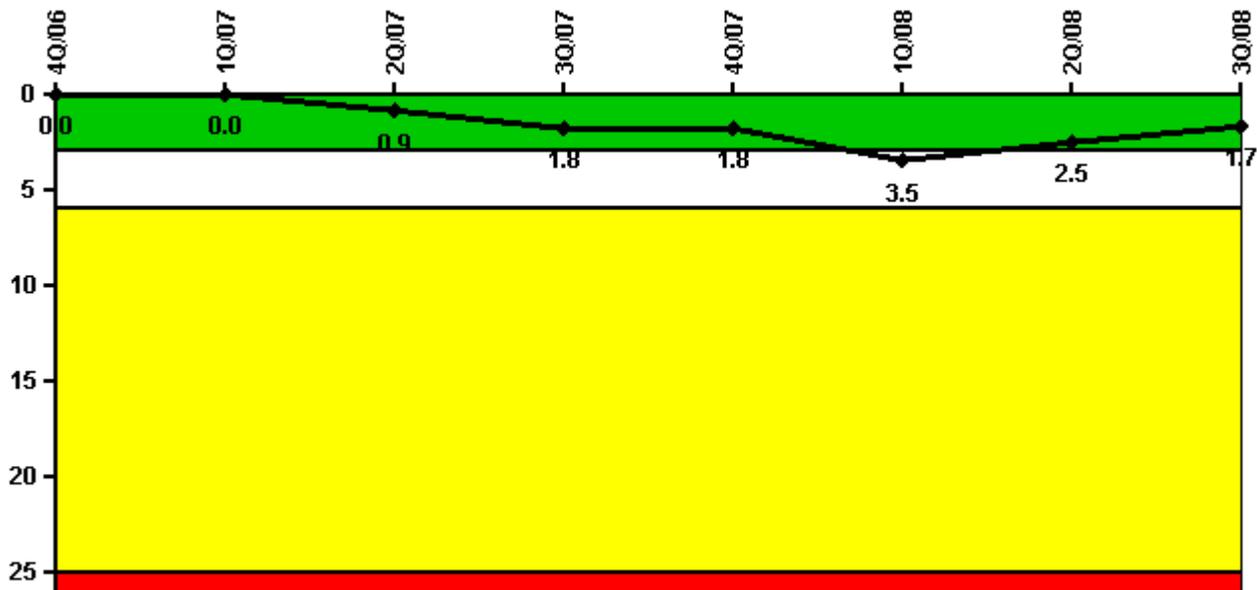


Grand Gulf 1

3Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



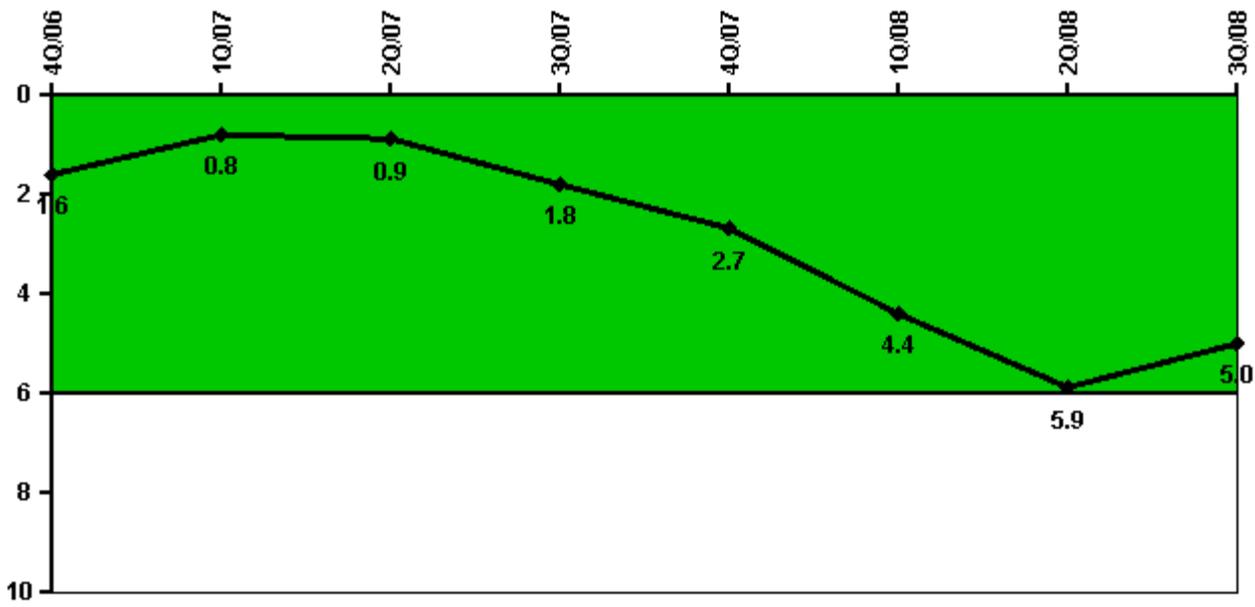
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	1.0	1.0	0	2.0	0	0
Critical hours	2209.0	1843.0	1817.7	1863.9	2209.0	2020.5	2184.0	1988.0
Indicator value	0	0	0.9	1.8	1.8	3.5	2.5	1.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



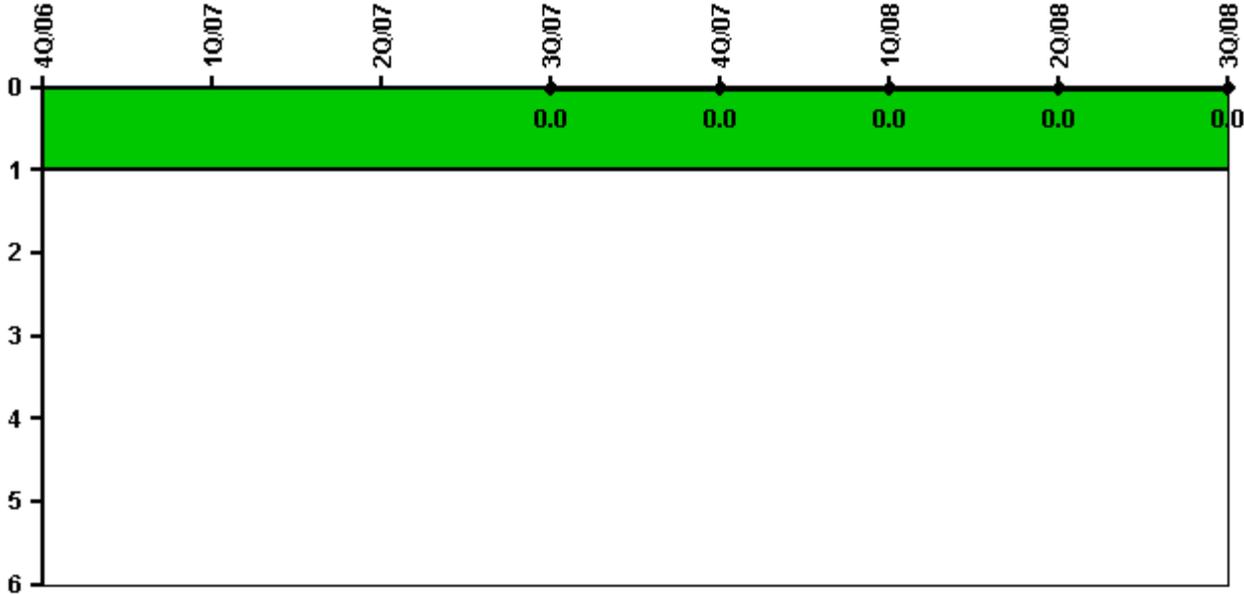
Thresholds: White > 6.0

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	1.0	0	0	1.0	2.0	2.0	2.0	0
Critical hours	2209.0	1843.0	1817.7	1863.9	2209.0	2020.5	2184.0	1988.0
Indicator value	1.6	0.8	0.9	1.8	2.7	4.4	5.9	5.0

Licensee Comments: none

Unplanned Scrams with Complications



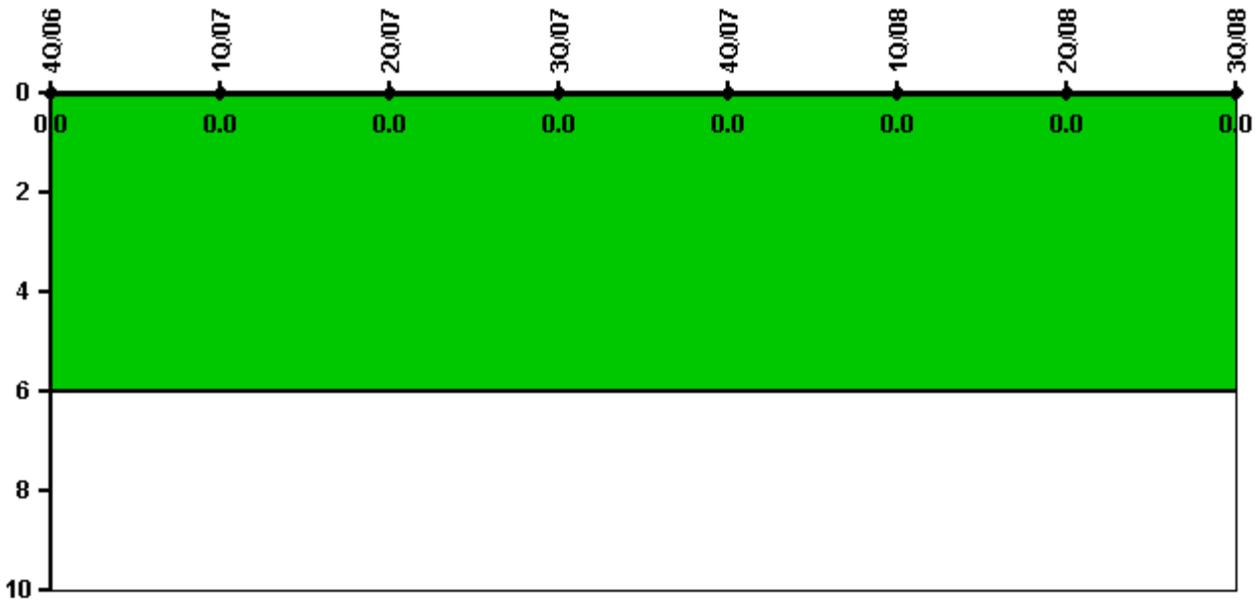
Thresholds: White > 1.0

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)



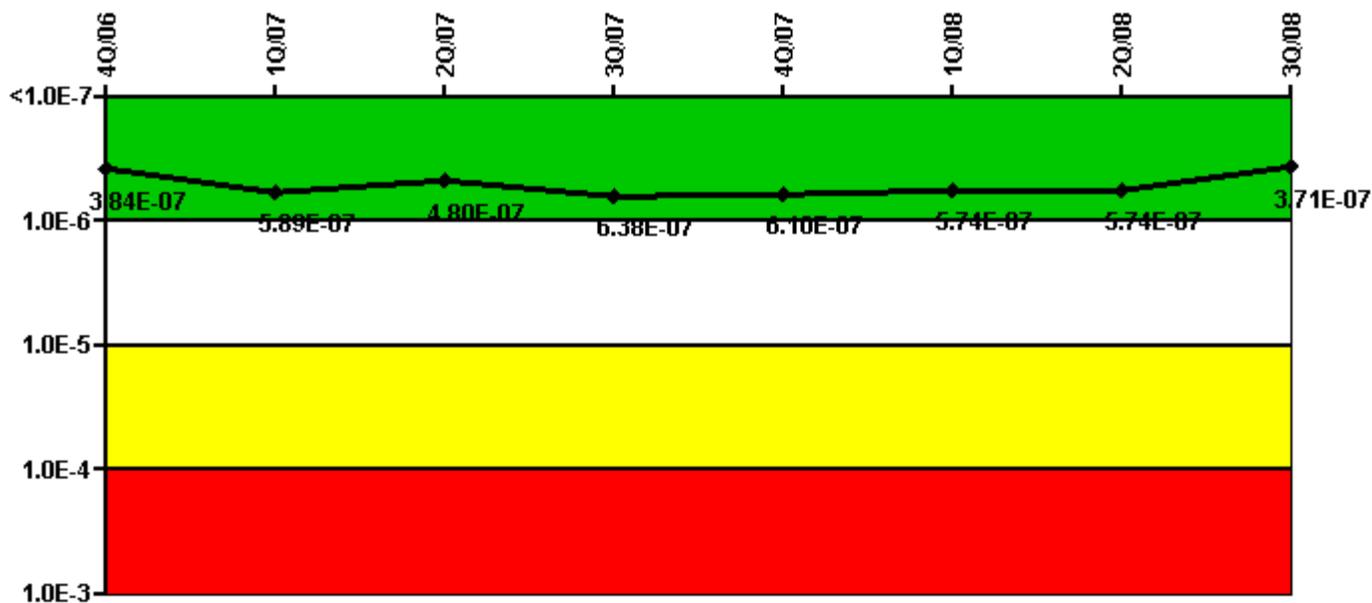
Thresholds: White > 6.0

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	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

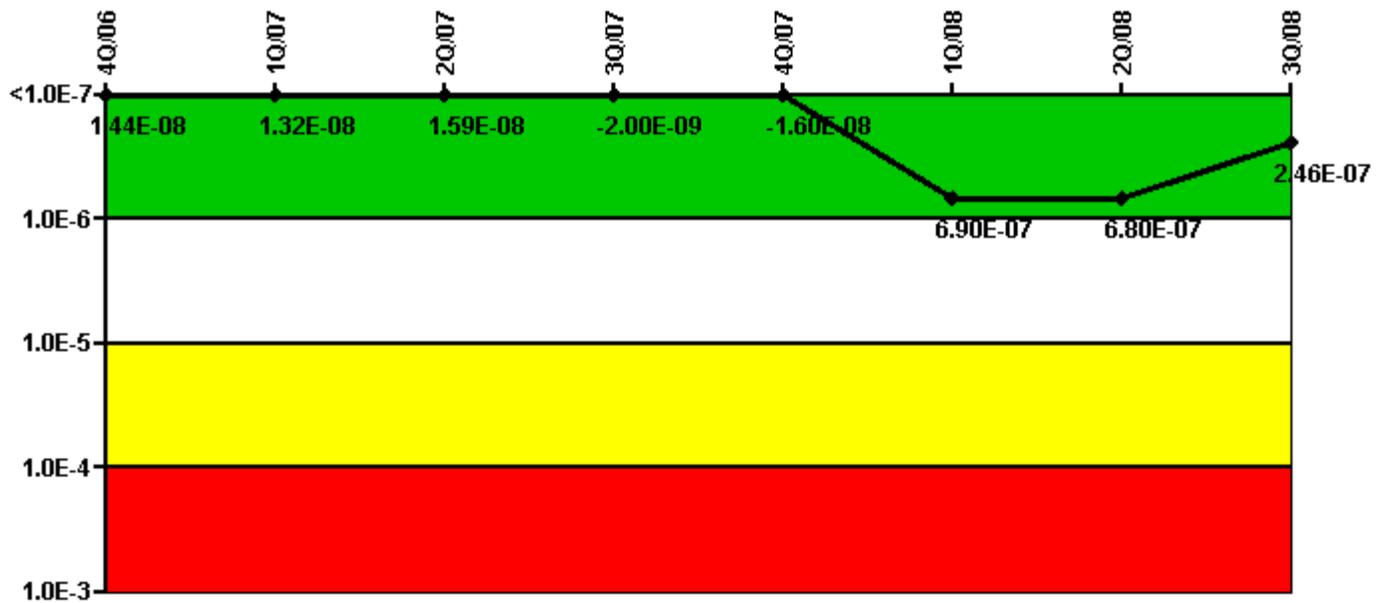
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	4.40E-08	5.90E-08	9.00E-08	9.80E-08	1.00E-07	6.40E-08	6.40E-08	3.10E-08
URI (ΔCDF)	3.40E-07	5.30E-07	3.90E-07	5.40E-07	5.10E-07	5.10E-07	5.10E-07	3.40E-07
PLE	NO							
Indicator value	3.84E-07	5.89E-07	4.80E-07	6.38E-07	6.10E-07	5.74E-07	5.74E-07	3.71E-07

Licensee Comments:

3Q/08: Revision 3 of the GGNS PRA was issued on June 30, 2008. Revision 3 was a major update that included the update of plant specific data, initiator frequencies (both plant specific and generic), common cause analyses, human reliability analyses; the addition of several new initiators; and changes to the modeling of offsite power. The revision has resulted in a new overall core damage frequency, changes to the Fussell-Vesely importance of all of the MSPI related basic events and changes to the probability of many of the MSPI related basic events.

Mitigating Systems Performance Index, High Pressure Injection System



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

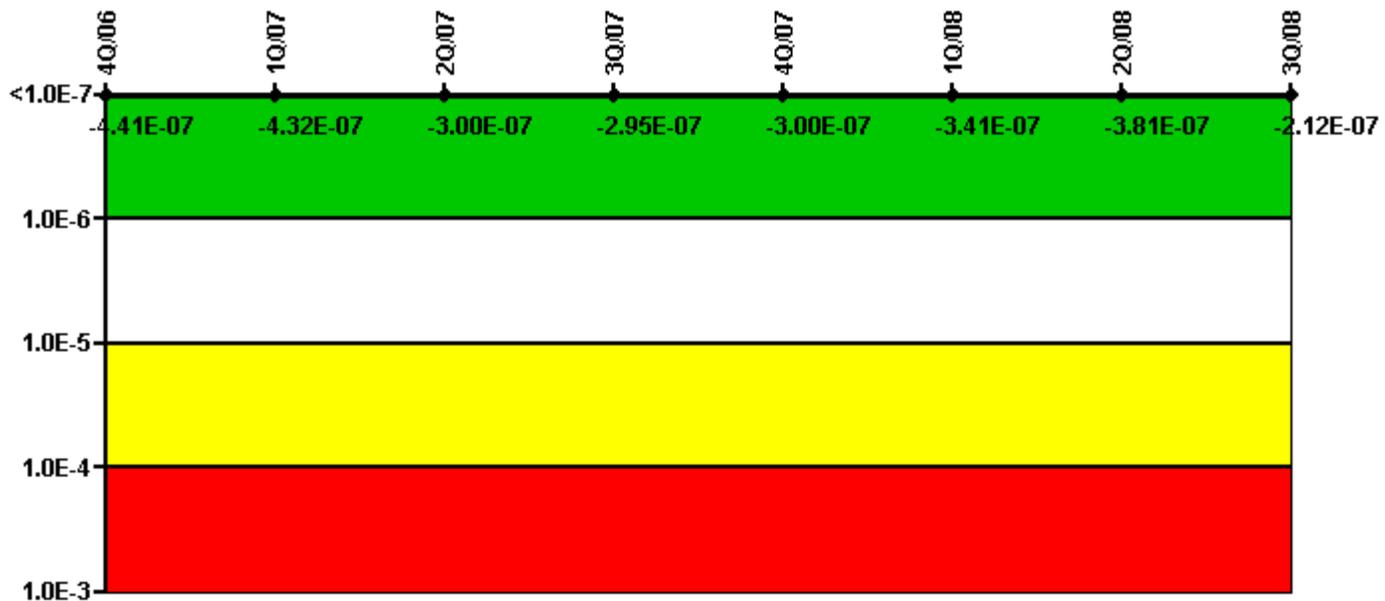
Notes

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)	-6.00E-10	5.60E-09	4.90E-09	-2.80E-08	-4.40E-08	4.90E-07	4.90E-07	1.80E-07
URI (Δ CDF)	1.50E-08	7.60E-09	1.10E-08	2.60E-08	2.80E-08	2.00E-07	1.90E-07	6.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.44E-08	1.32E-08	1.59E-08	-2.00E-09	-1.60E-08	6.90E-07	6.80E-07	2.46E-07

Licensee Comments:

3Q/08: Revision 3 of the GGNS PRA was issued on June 30, 2008. Revision 3 was a major update that included the update of plant specific data, initiator frequencies (both plant specific and generic), common cause analyses, human reliability analyses; the addition of several new initiators; and changes to the modeling of offsite power. The revision has resulted in a new overall core damage frequency, changes to the Fussell-Vesely importance of all of the MSPI related basic events and changes to the probability of many of the MSPI related basic events.

Mitigating Systems Performance Index, Heat Removal System



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

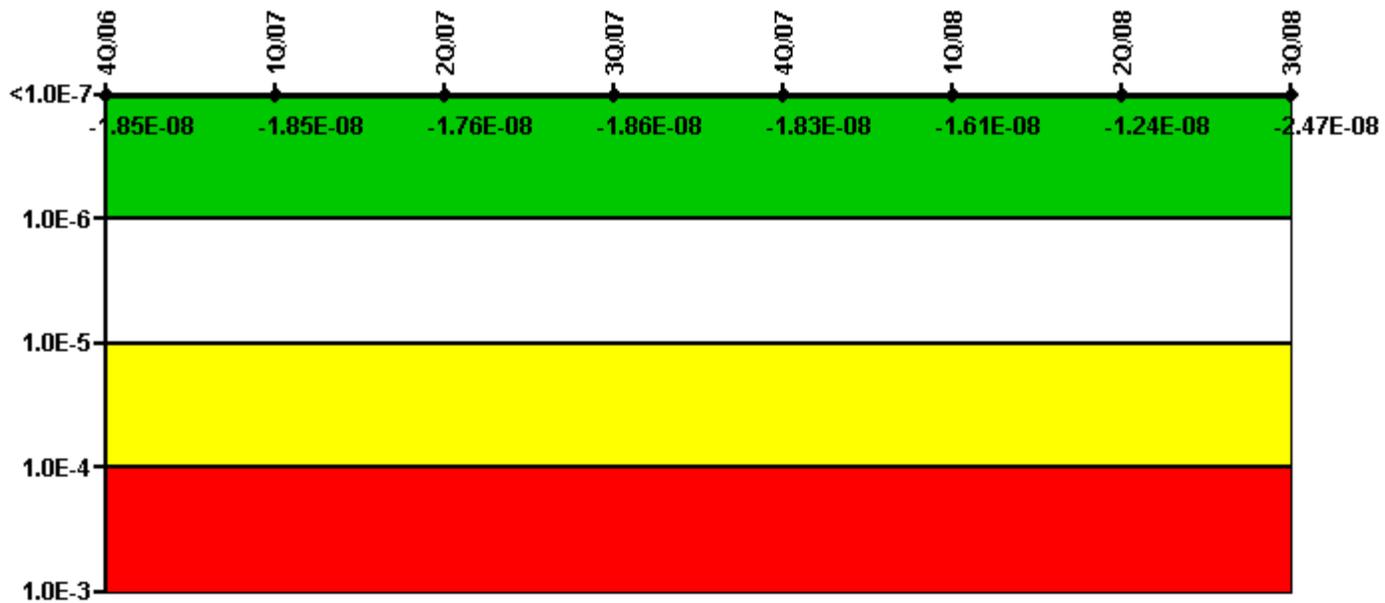
Notes

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)	-4.10E-08	-4.20E-08	1.00E-07	9.50E-08	9.00E-08	3.90E-08	9.20E-09	-1.50E-09
URI (Δ CDF)	-4.00E-07	-3.90E-07	-4.00E-07	-3.90E-07	-3.90E-07	-3.80E-07	-3.90E-07	-2.10E-07
PLE	NO							
Indicator value	-4.41E-07	-4.32E-07	-3.00E-07	-2.95E-07	-3.00E-07	-3.41E-07	-3.81E-07	-2.12E-07

Licensee Comments:

3Q/08: Revision 3 of the GGNS PRA was issued on June 30, 2008. Revision 3 was a major update that included the update of plant specific data, initiator frequencies (both plant specific and generic), common cause analyses, human reliability analyses; the addition of several new initiators; and changes to the modeling of offsite power. The revision has resulted in a new overall core damage frequency, changes to the Fussell-Vesely importance of all of the MSPI related basic events and changes to the probability of many of the MSPI related basic events.

Mitigating Systems Performance Index, Residual Heat Removal System



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

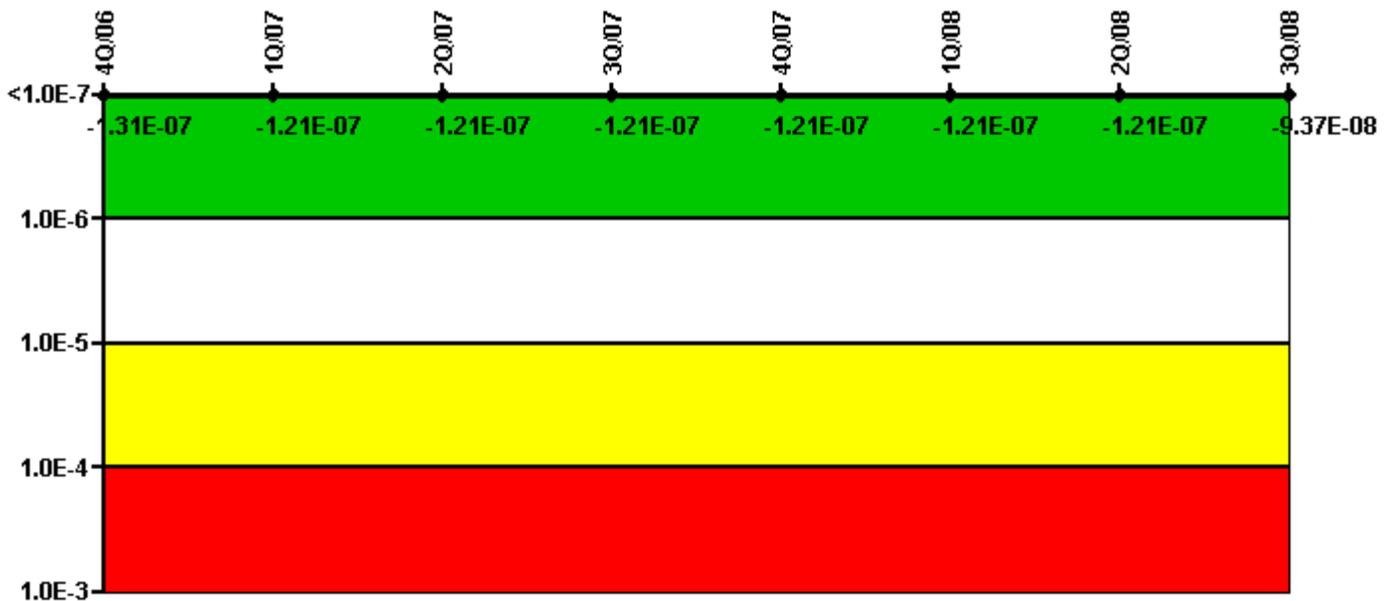
Notes

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)	-8.50E-09	-8.50E-09	-7.60E-09	-7.60E-09	-7.30E-09	-5.10E-09	-1.40E-09	-7.10E-10
URI (Δ CDF)	-1.00E-08	-1.00E-08	-1.00E-08	-1.10E-08	-1.10E-08	-1.10E-08	-1.10E-08	-2.40E-08
PLE	NO							
Indicator value	-1.85E-08	-1.85E-08	-1.76E-08	-1.86E-08	-1.83E-08	-1.61E-08	-1.24E-08	-2.47E-08

Licensee Comments:

3Q/08: Revision 3 of the GGNS PRA was issued on June 30, 2008. Revision 3 was a major update that included the update of plant specific data, initiator frequencies (both plant specific and generic), common cause analyses, human reliability analyses; the addition of several new initiators; and changes to the modeling of offsite power. The revision has resulted in a new overall core damage frequency, changes to the Fussell-Vesely importance of all of the MSPI related basic events and changes to the probability of many of the MSPI related basic events.

Mitigating Systems Performance Index, Cooling Water Systems



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

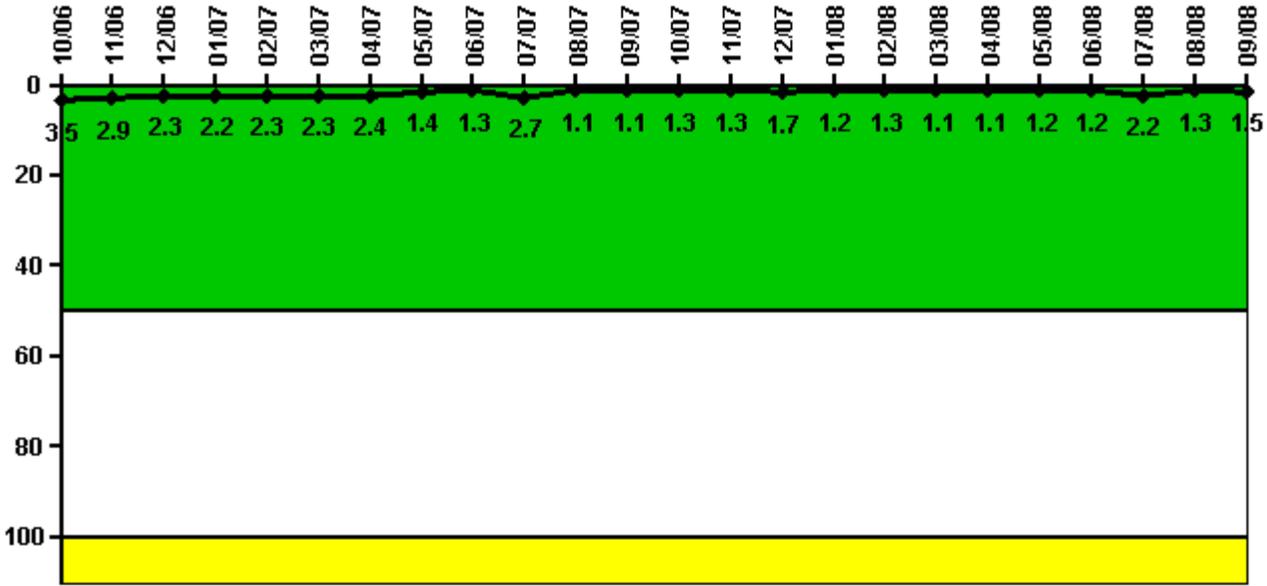
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-1.40E-09	-1.70E-09						
URI (Δ CDF)	-1.30E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-9.20E-08
PLE	NO							
Indicator value	-1.31E-07	-1.21E-07	-1.21E-07	-1.21E-07	-1.21E-07	-1.21E-07	-1.21E-07	-9.37E-08

Licensee Comments:

3Q/08: Revision 3 of the GGNS PRA was issued on June 30, 2008. Revision 3 was a major update that included the update of plant specific data, initiator frequencies (both plant specific and generic), common cause analyses, human reliability analyses; the addition of several new initiators; and changes to the modeling of offsite power. The revision has resulted in a new overall core damage frequency, changes to the Fussell-Vesely importance of all of the MSPI related basic events and changes to the probability of many of the MSPI related basic events.

Reactor Coolant System Activity



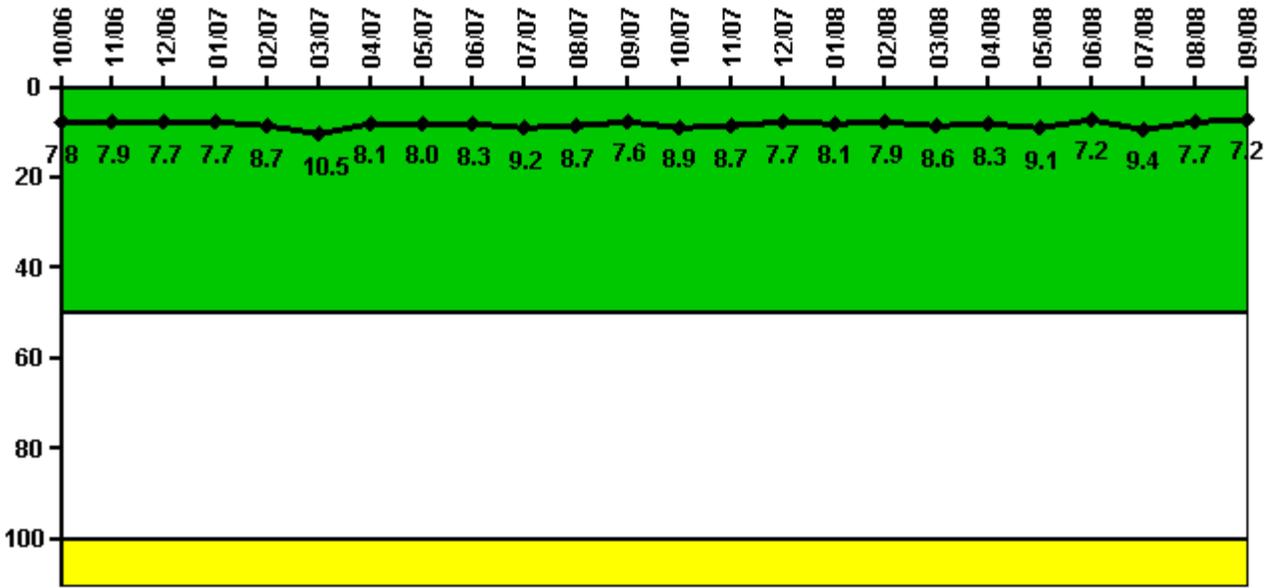
Thresholds: White > 50.0 Yellow > 100.0

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	0.007000	0.005790	0.004680	0.004440	0.004620	0.004590	0.004790	0.002870	0.002660	0.005360	0.002100	0.002170
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	3.5	2.9	2.3	2.2	2.3	2.3	2.4	1.4	1.3	2.7	1.1	1.1
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	0.002670	0.002510	0.003380	0.002370	0.002660	0.002120	0.002210	0.002420	0.002430	0.004370	0.002590	0.003030
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	1.3	1.3	1.7	1.2	1.3	1.1	1.1	1.2	1.2	2.2	1.3	1.5

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

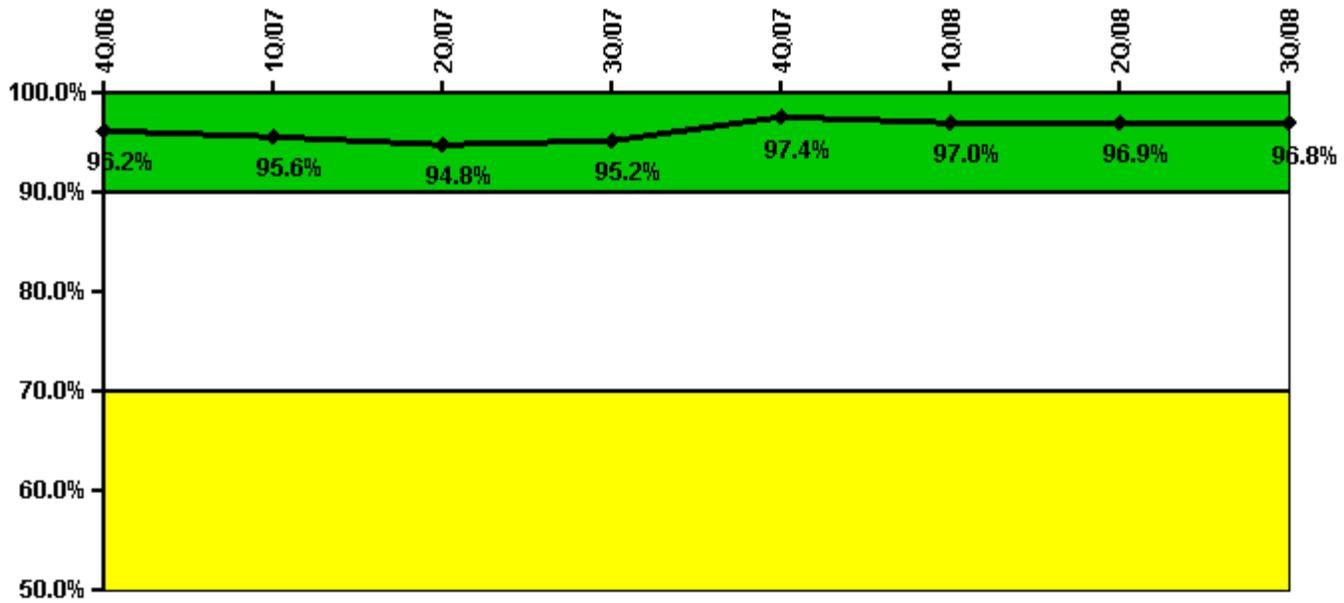
Notes

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	2.350	2.380	2.310	2.300	2.600	3.140	2.420	2.390	2.480	2.770	2.600	2.280
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	7.8	7.9	7.7	7.7	8.7	10.5	8.1	8.0	8.3	9.2	8.7	7.6

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	2.680	2.620	2.300	2.420	2.380	2.570	2.480	2.730	2.170	2.810	2.320	2.170
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	8.9	8.7	7.7	8.1	7.9	8.6	8.3	9.1	7.2	9.4	7.7	7.2

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

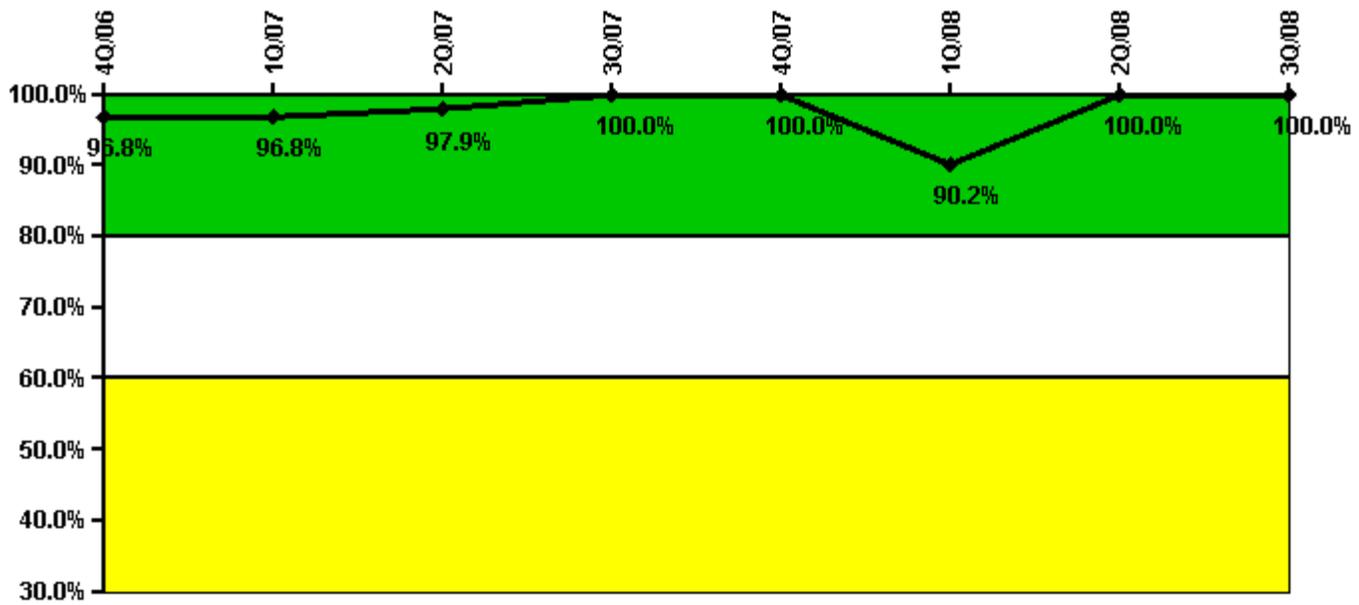
Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	43.0	11.0	28.0	24.0	77.0	20.0	55.0	10.0
Total opportunities	45.0	12.0	29.0	24.0	78.0	22.0	57.0	10.0
Indicator value	96.2%	95.6%	94.8%	95.2%	97.4%	97.0%	96.9%	96.8%

Licensee Comments:

2Q/08: April data corrected to reflect inaccurate notification form (not marked "Drill").

ERO Drill Participation



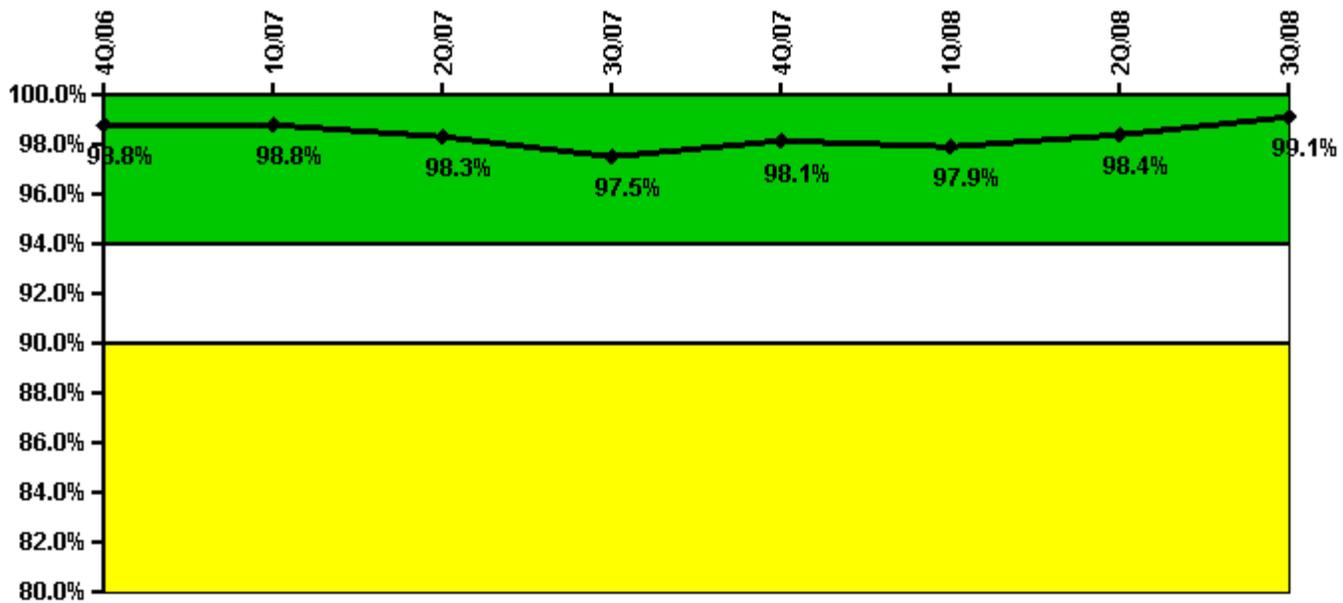
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	90.0	90.0	92.0	90.0	83.0	74.0	80.0	84.0
Total Key personnel	93.0	93.0	94.0	90.0	83.0	82.0	80.0	84.0
Indicator value	96.8%	96.8%	97.9%	100.0%	100.0%	90.2%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

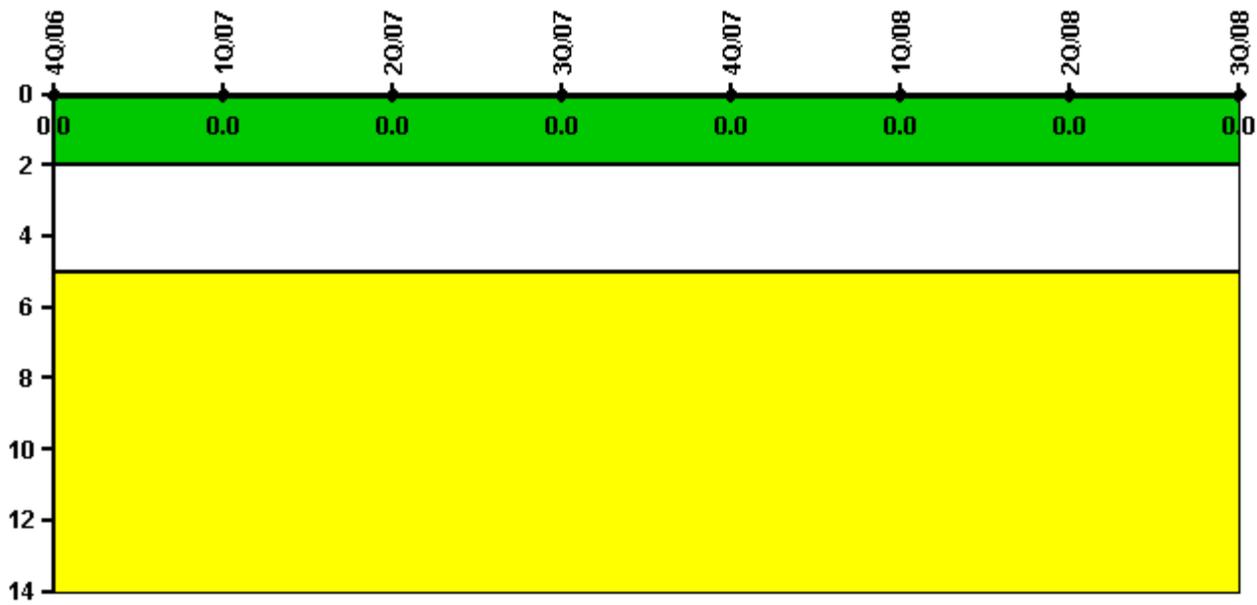
Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	126	128	126	123	129	127	125	82
Total sirens-tests	129	129	129	129	129	129	125	84
Indicator value	98.8%	98.8%	98.3%	97.5%	98.1%	97.9%	98.4%	99.1%

Licensee Comments:

3Q/08: The September 2008 siren test was cancelled at the discretion of the Tensas Parish Office of Emergency Preparedness Emergency Coordinator (LA) and the Claiborne County Civil Defense Director (MS). The test was cancelled due to agencies responding to the aftermath of hurricane Gustav.

Occupational Exposure Control Effectiveness



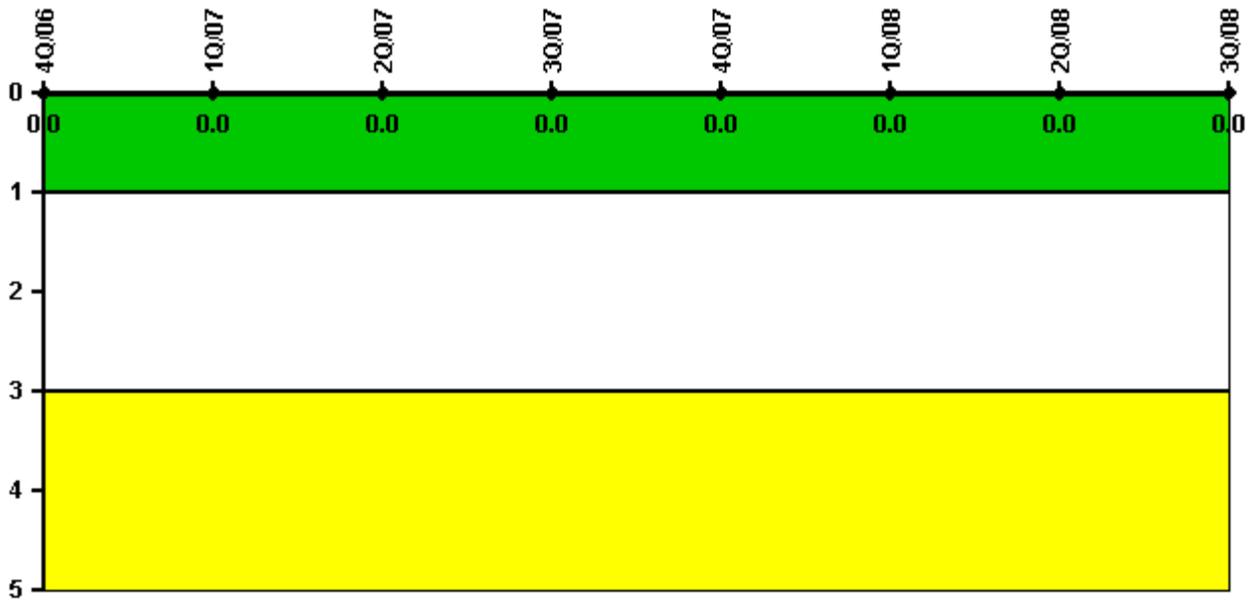
Thresholds: White > 2.0 Yellow > 5.0

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							

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.