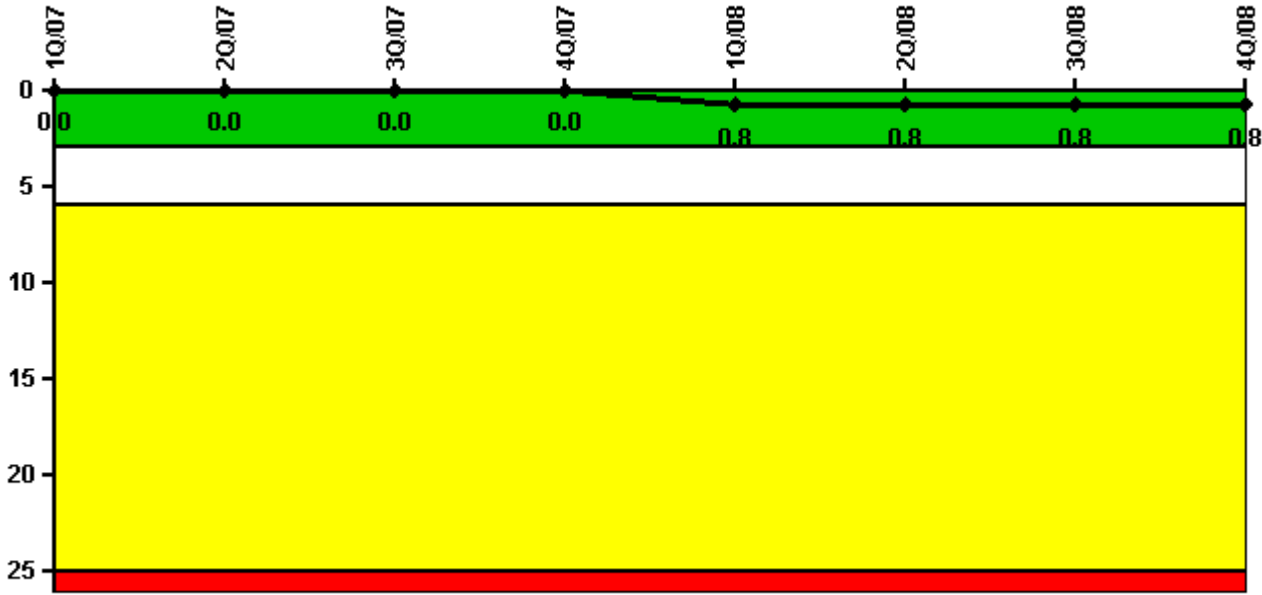


Limerick 1

4Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



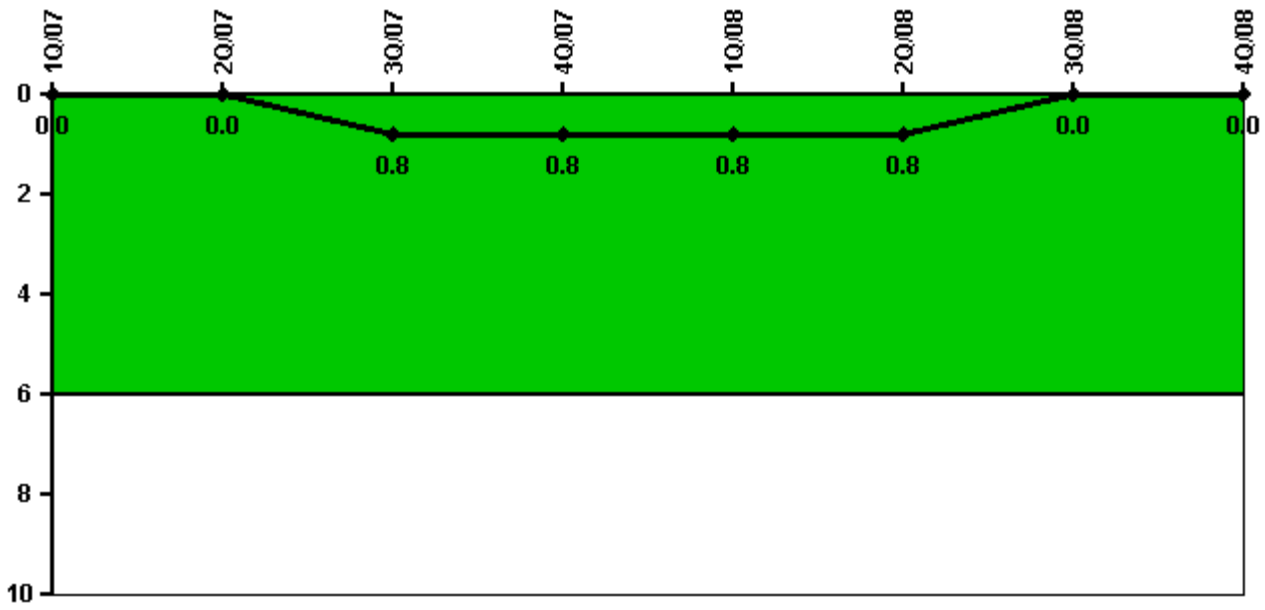
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1693.6	2184.0	2208.0	2209.0
Indicator value	0	0	0	0	0.8	0.8	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



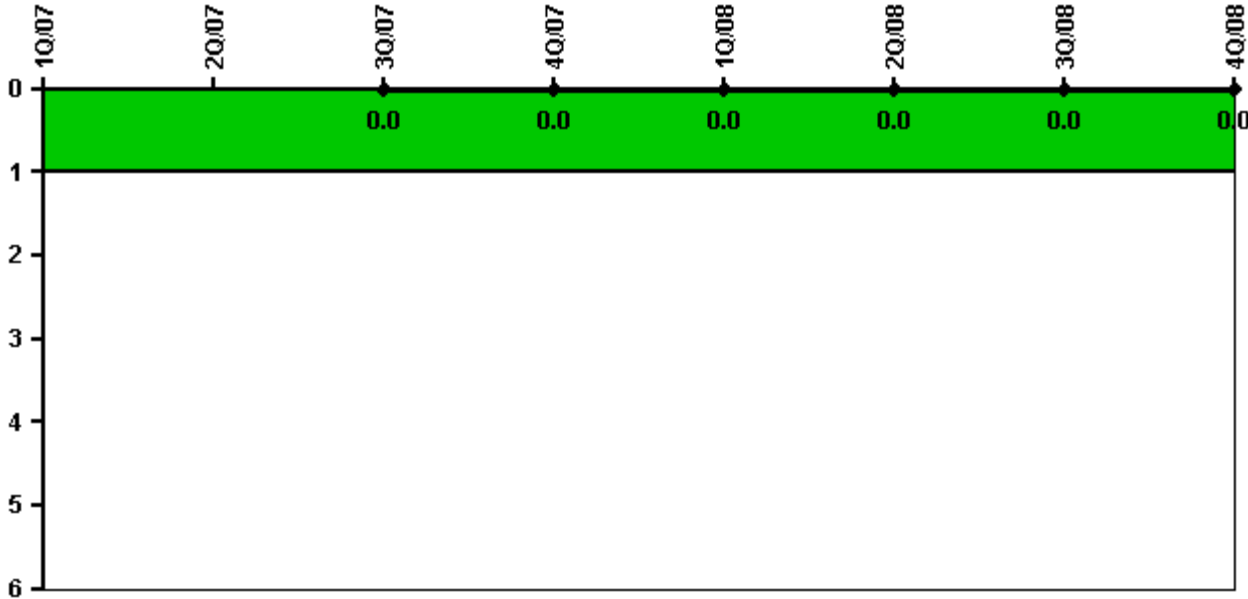
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1693.6	2184.0	2208.0	2209.0
Indicator value	0	0	0.8	0.8	0.8	0.8	0	0

Licensee Comments: none

Unplanned Scrams with Complications



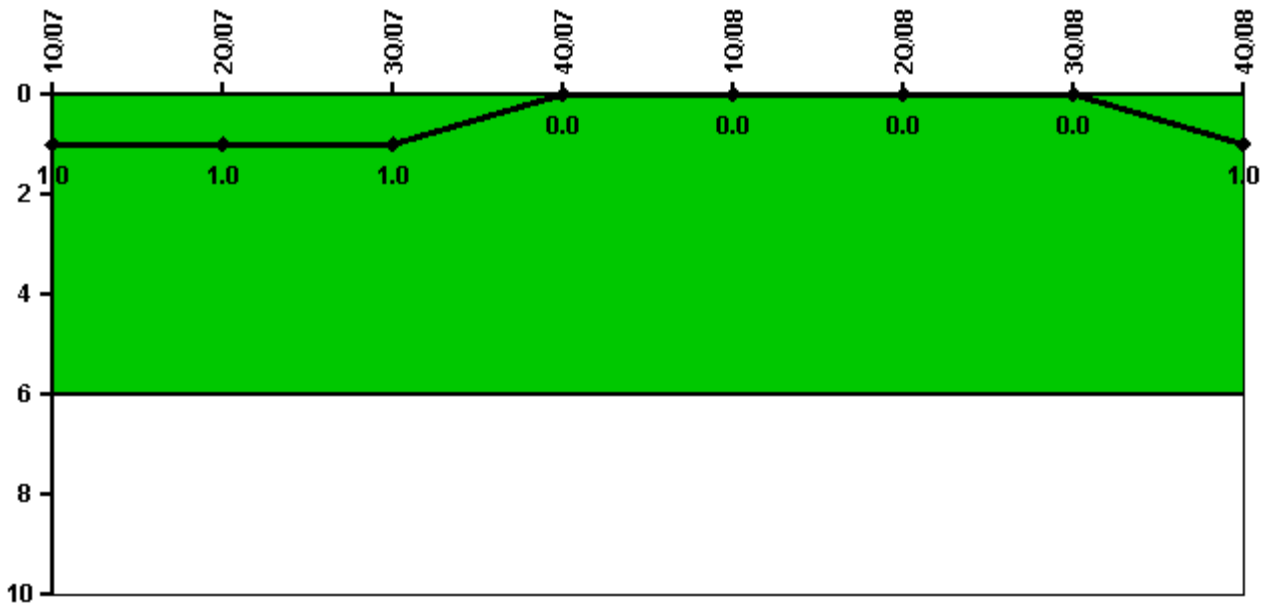
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

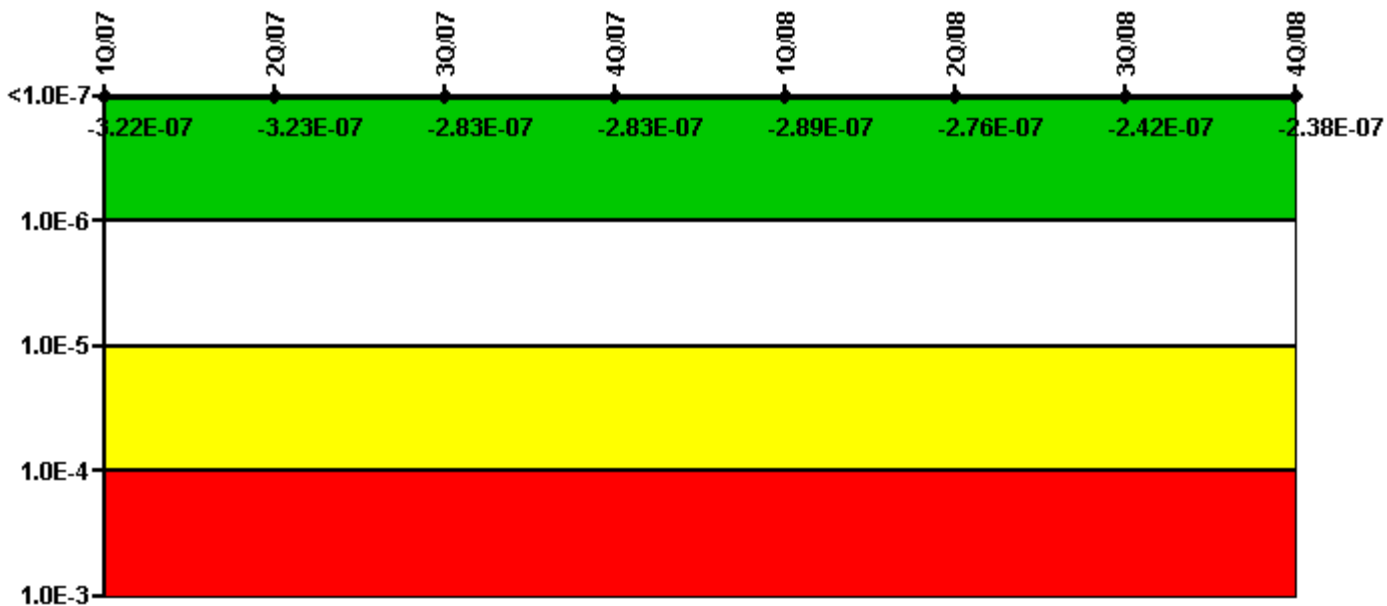
Notes

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

Licensee Comments:

4Q/08: LER 2008-003-00, High Pressure Coolant Injection System Instrument Power Supply Failure, Limerick Unit 1 issued 12/30/2008.

Mitigating Systems Performance Index, Emergency AC Power System



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

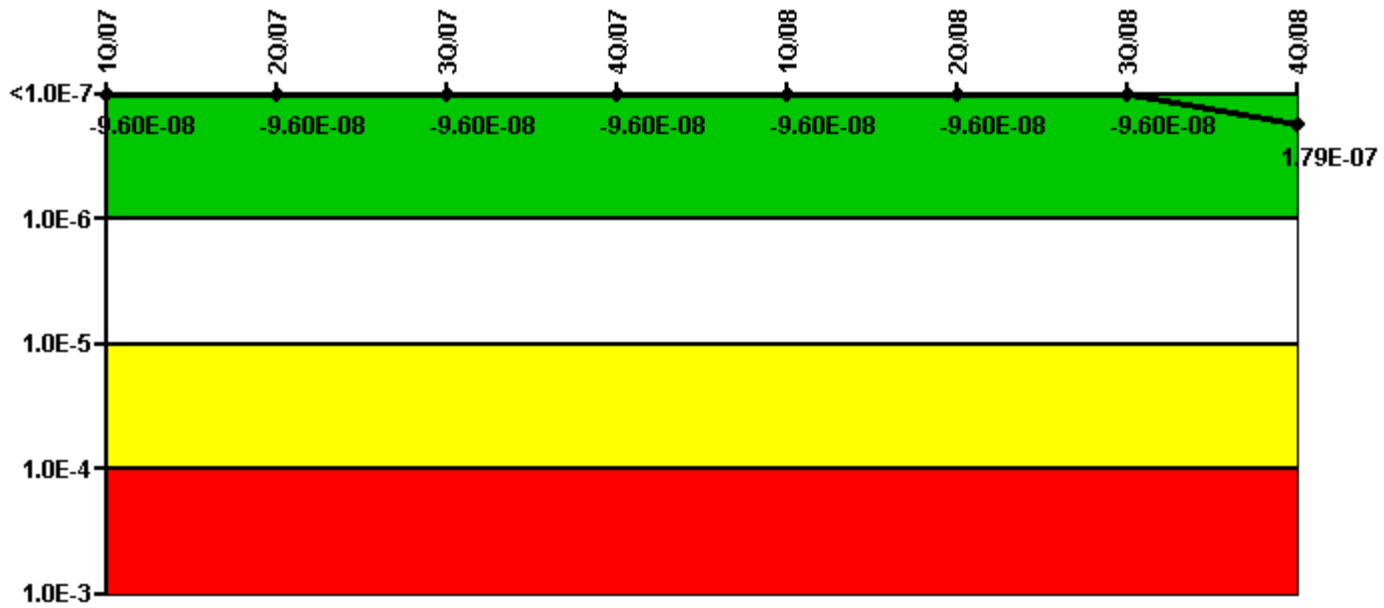
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-2.00E-09	-2.60E-09	-2.60E-09	-2.50E-09	-8.90E-09	-5.60E-09	-1.60E-09	2.30E-09
URI (Δ CDF)	-3.20E-07	-3.20E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.70E-07	-2.40E-07	-2.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.22E-07	-3.23E-07	-2.83E-07	-2.83E-07	-2.89E-07	-2.76E-07	-2.42E-07	-2.38E-07

Licensee Comments:

3Q/08: Failure 611 which occurred on 7/21/08 was added to EGD D14, due to erratic operation of two voltage regulator potentiometers. In addition, D14 unplanned Unavailability hrs were corrected from 28 hours to 78.85 hours due to the failure. No changes in color or performance limits resulted.

Mitigating Systems Performance Index, High Pressure Injection System



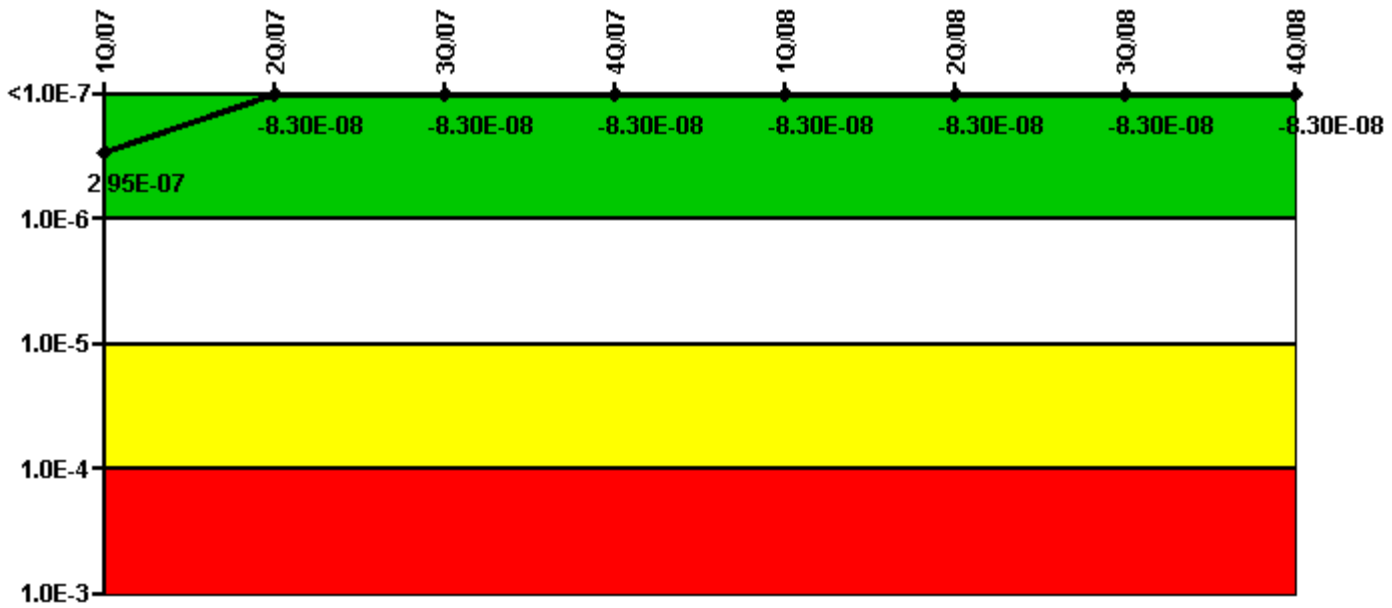
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.40E-08	-4.10E-08
URI (Δ CDF)	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	-5.20E-08	2.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	-9.60E-08	1.79E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



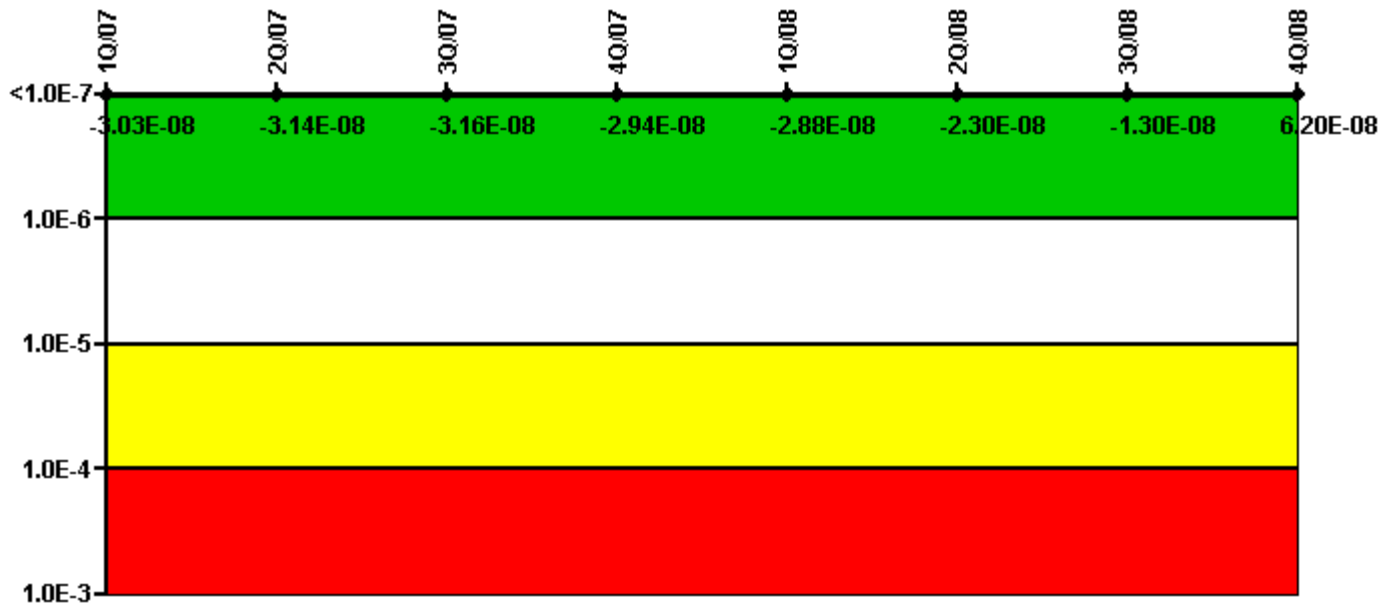
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-2.50E-08	-3.60E-08	-3.60E-08	-3.60E-08	-3.60E-08	-3.60E-08	-3.60E-08	-3.60E-08
URI (Δ CDF)	3.20E-07	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08	-4.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	2.95E-07	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08	-8.30E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



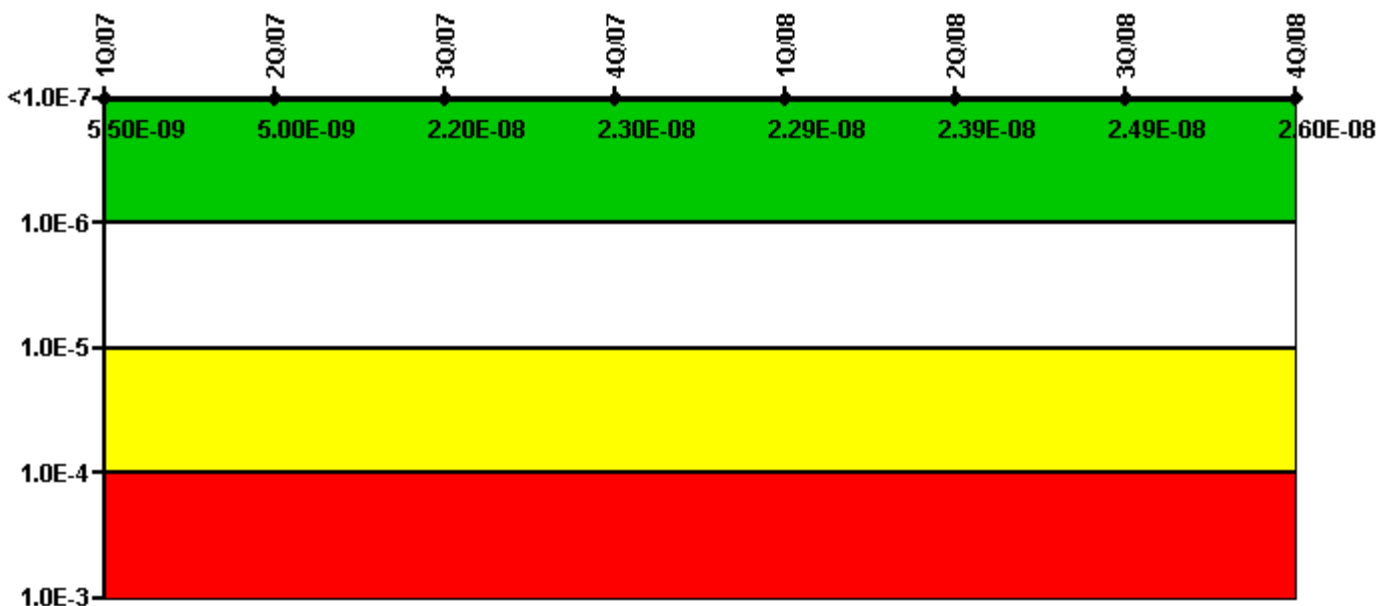
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	1.70E-09	1.60E-09	2.40E-09	5.60E-09	6.20E-09	1.30E-08	2.30E-08	2.50E-08
URI (Δ CDF)	-3.20E-08	-3.30E-08	-3.40E-08	-3.50E-08	-3.50E-08	-3.60E-08	-3.60E-08	3.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.03E-08	-3.14E-08	-3.16E-08	-2.94E-08	-2.88E-08	-2.30E-08	-1.30E-08	6.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



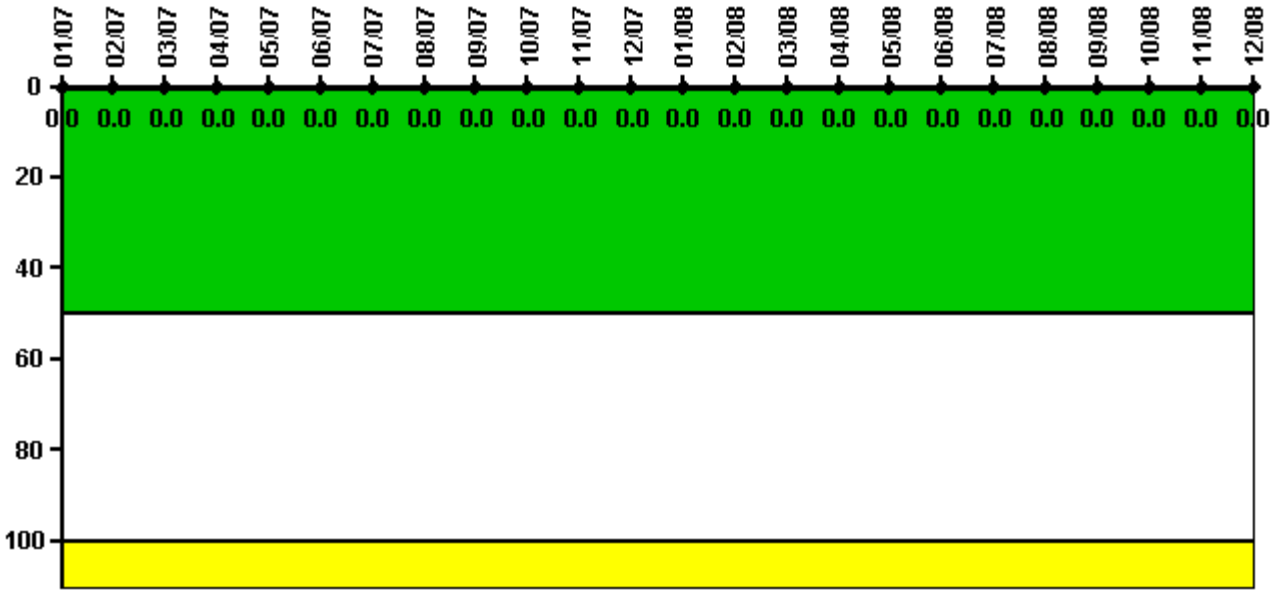
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	8.50E-09	7.90E-09	2.50E-08	2.60E-08	2.60E-08	2.70E-08	2.80E-08	2.90E-08
URI (ΔCDF)	-3.00E-09	-2.90E-09	-3.00E-09	-3.00E-09	-3.10E-09	-3.10E-09	-3.10E-09	-3.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.50E-09	5.00E-09	2.20E-08	2.30E-08	2.29E-08	2.39E-08	2.49E-08	2.60E-08

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

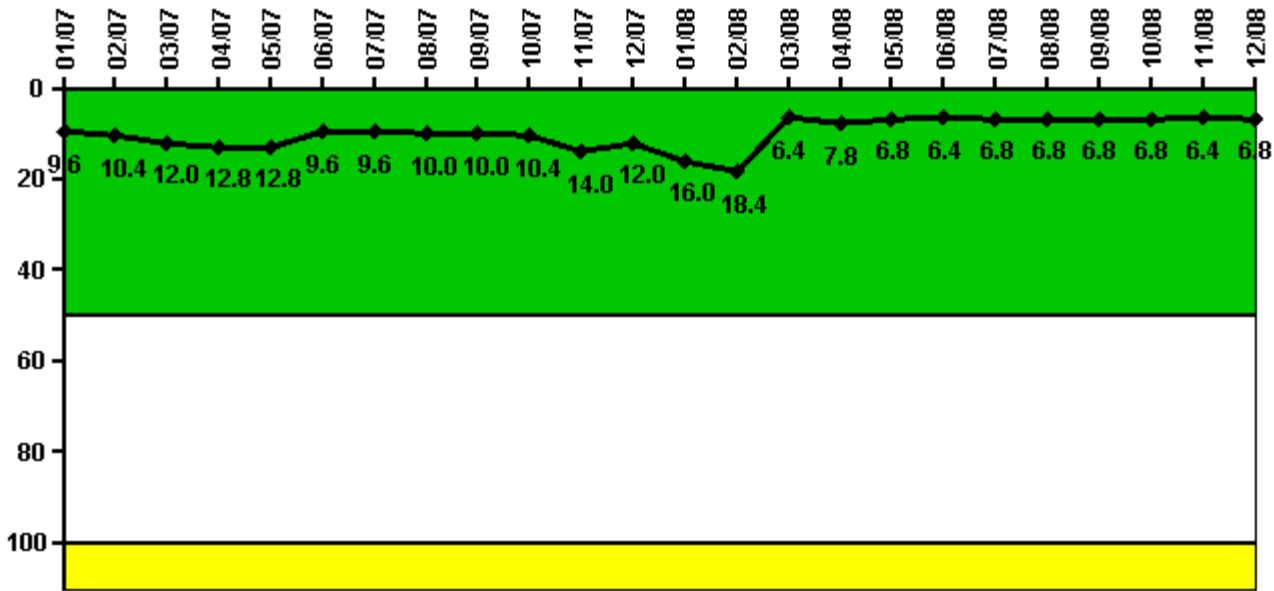
Notes

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	0.000003	0.000003	0.000003	0.000003	0.000004	0.000004	0.000005	0.000003	0.000003	0.000004	0.000003	0.000003
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	0	0	0

Reactor Coolant System Activity	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum activity	0.000004	0.000004	0.000002	0.000002	0.000002	0.000002	0.000002	0.000002	0.000002	0.000003	0.000002	0.000003
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	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

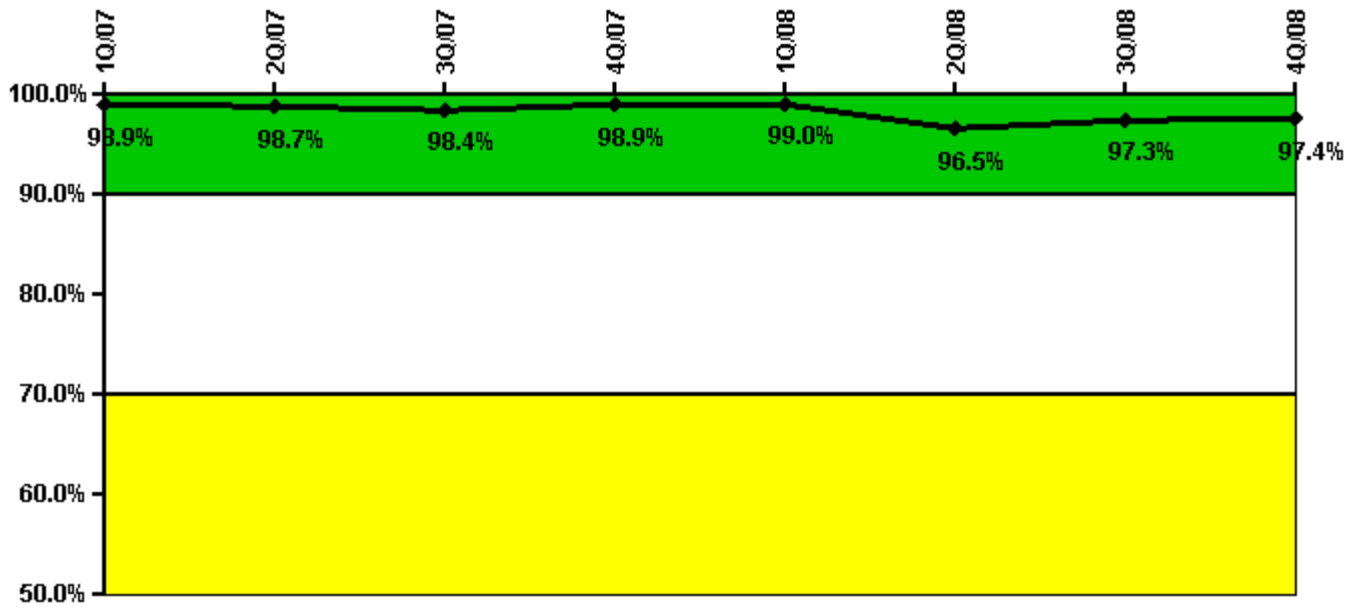
Notes

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	2.400	2.600	3.000	3.200	3.200	2.400	2.400	2.500	2.500	2.600	3.500	3.000
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	9.6	10.4	12.0	12.8	12.8	9.6	9.6	10.0	10.0	10.4	14.0	12.0

Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	4.000	4.600	1.600	1.940	1.700	1.600	1.700	1.700	1.700	1.700	1.600	1.700
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	16.0	18.4	6.4	7.8	6.8	6.4	6.8	6.8	6.8	6.8	6.4	6.8

Licensee Comments: none

Drill/Exercise Performance



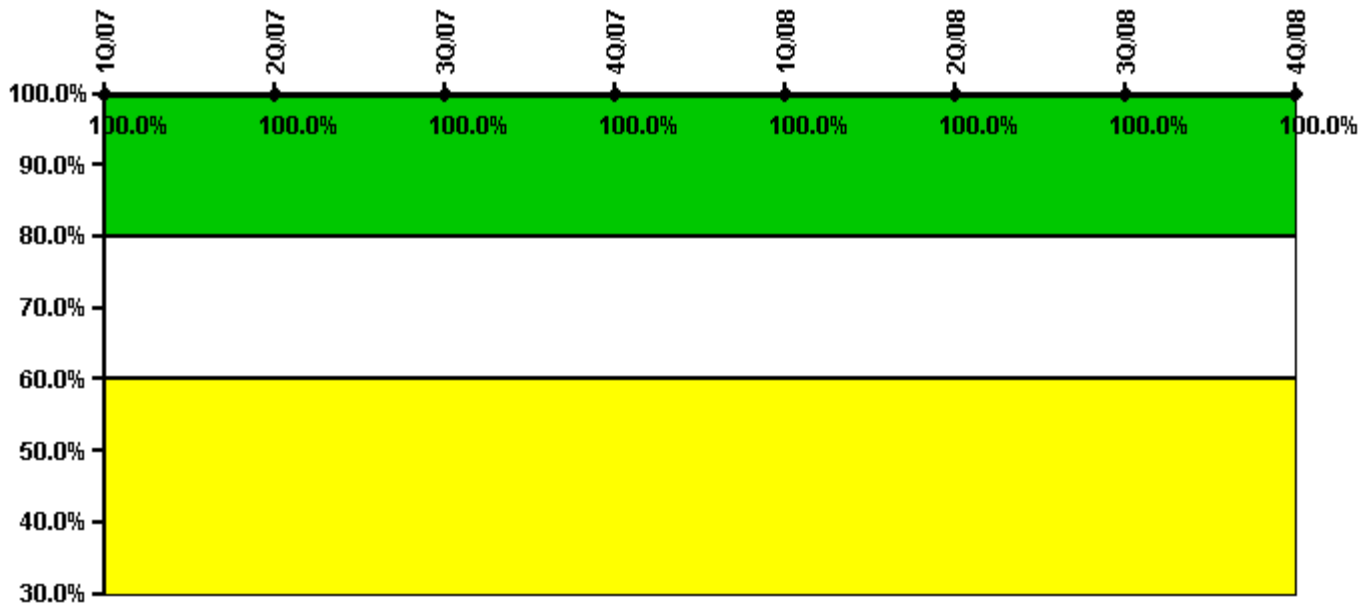
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	10.0	71.0	37.0	0	40.0	76.0	146.0	101.0
Total opportunities	10.0	72.0	38.0	0	40.0	86.0	146.0	102.0
Indicator value	98.9%	98.7%	98.4%	98.9%	99.0%	96.5%	97.3%	97.4%

Licensee Comments: none

ERO Drill Participation



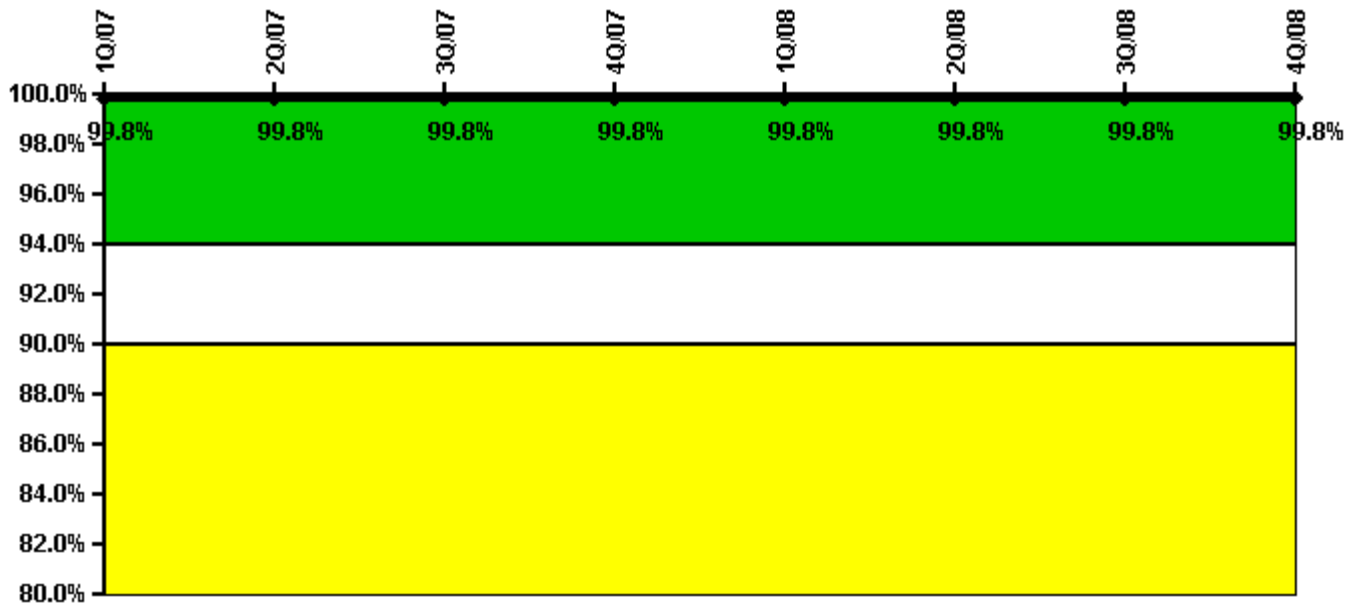
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	72.0	69.0	68.0	69.0	67.0	67.0	68.0	66.0
Total Key personnel	72.0	69.0	68.0	69.0	67.0	67.0	68.0	66.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



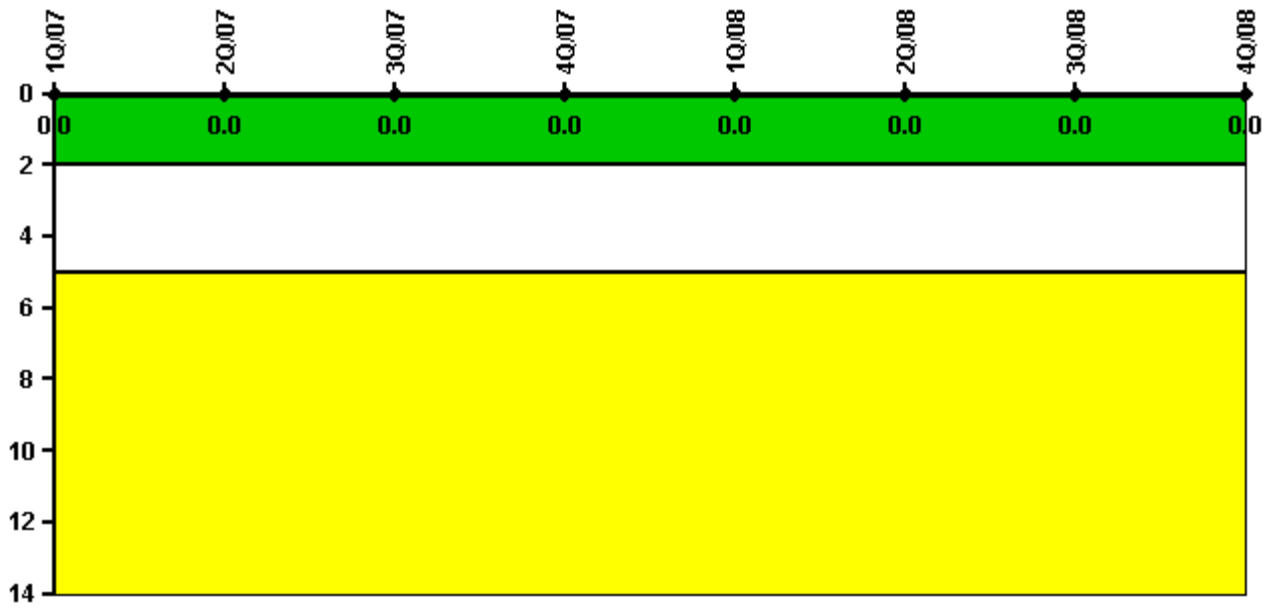
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful siren-tests	2140	2139	2143	2305	2142	2139	2144	2138
Total sirens-tests	2145	2145	2145	2310	2145	2145	2145	2145
Indicator value	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



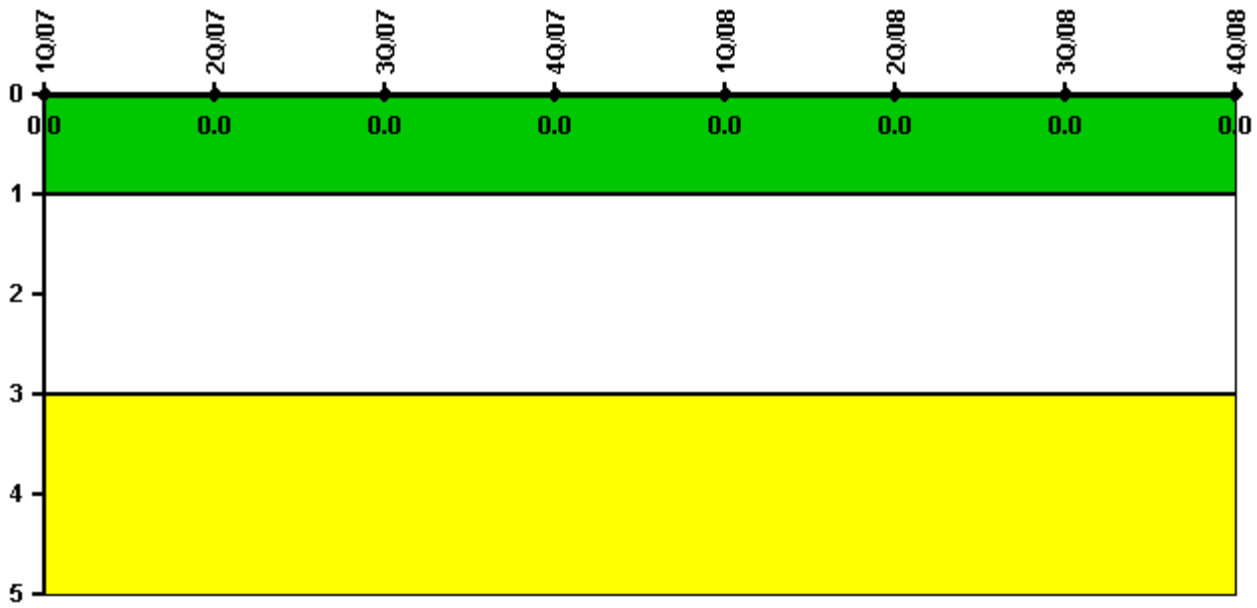
Thresholds: White > 2.0 Yellow > 5.0

Notes

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