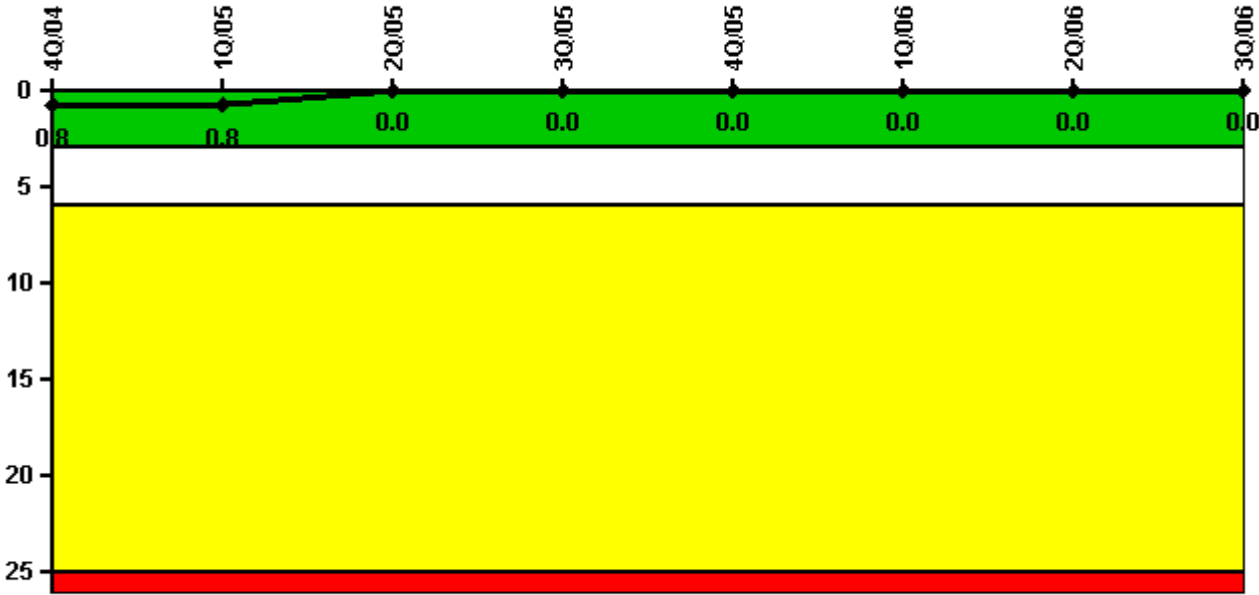


Surry 2

3Q/2006 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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2160.0	1505.8	2208.0	2209.0	2160.0	2183.0	2208.0
Indicator value	0.8	0.8	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



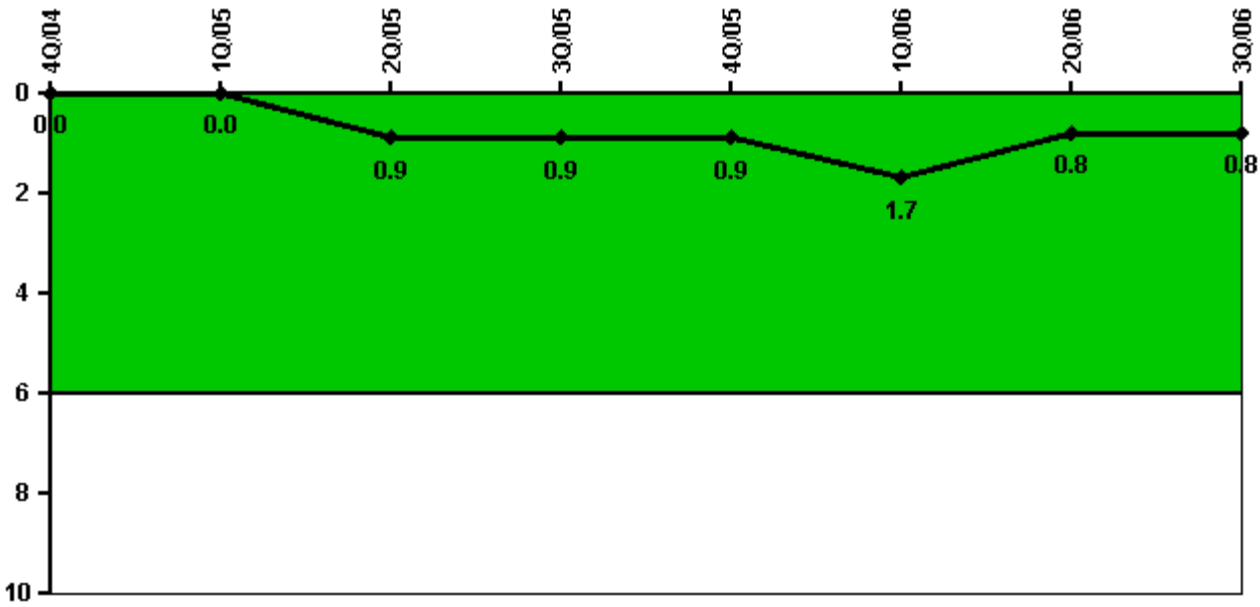
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



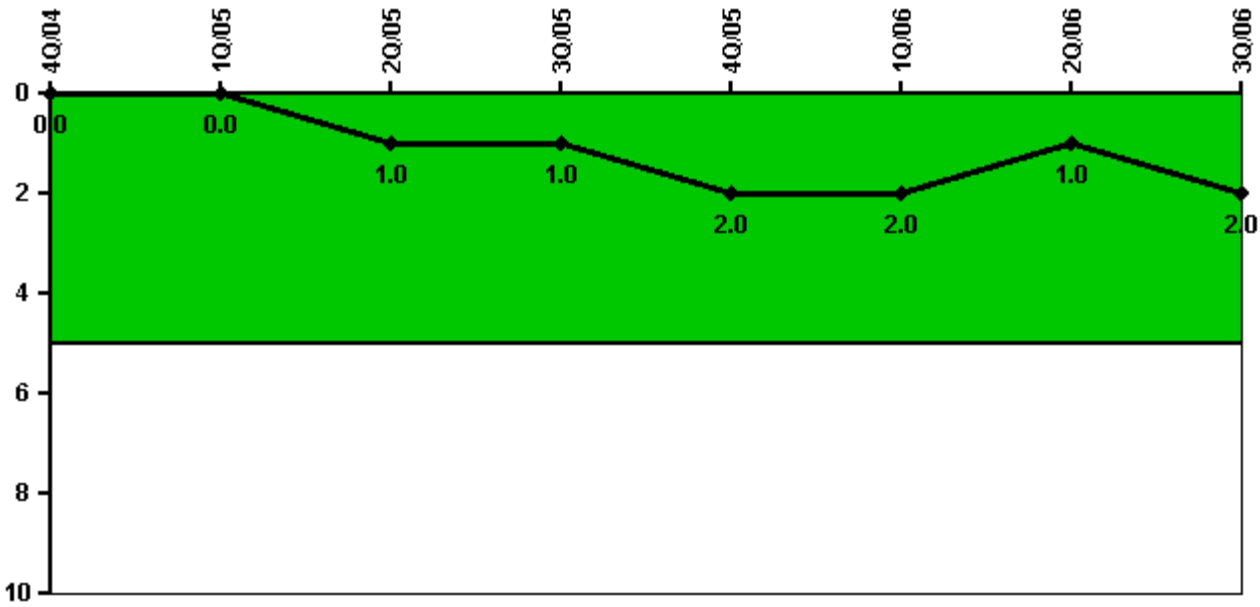
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	0	1.0	0	0	1.0	0	0
Critical hours	2209.0	2160.0	1505.8	2208.0	2209.0	2160.0	2183.0	2208.0
Indicator value	0	0	0.9	0.9	0.9	1.7	0.8	0.8

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Safety System Functional Failures	0	0	1	0	1	0	0	1
Indicator value	0	0	1	1	2	2	1	2

Licensee Comments:

3Q/06: LER U-2 2006-001, "Charging Pump Component Cooling Water System Inoperable Due to Inadequate Venting" dated 09/25/06.

Mitigating Systems Performance Index, Emergency AC Power System



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

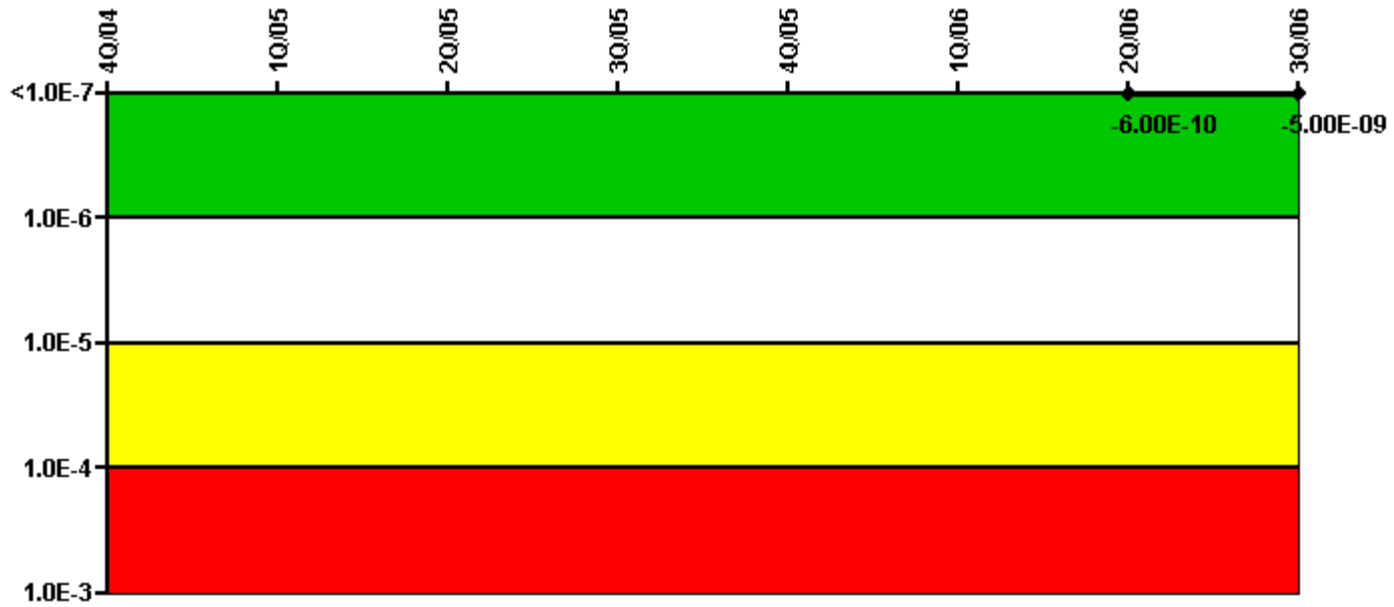
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							1.10E-07	7.60E-08
URI (Δ CDF)							-9.60E-07	-9.40E-07
PLE							NO	NO
Indicator value							-8.50E-07	-8.64E-07

Licensee Comments:

3Q/06: A self-assessment revealed some historical data inaccuracies. Data was corrected with no change in color.

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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							4.80E-09	4.60E-09
URI (Δ CDF)							-5.40E-09	-9.60E-09
PLE							NO	NO
Indicator value							-6.00E-10	-5.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



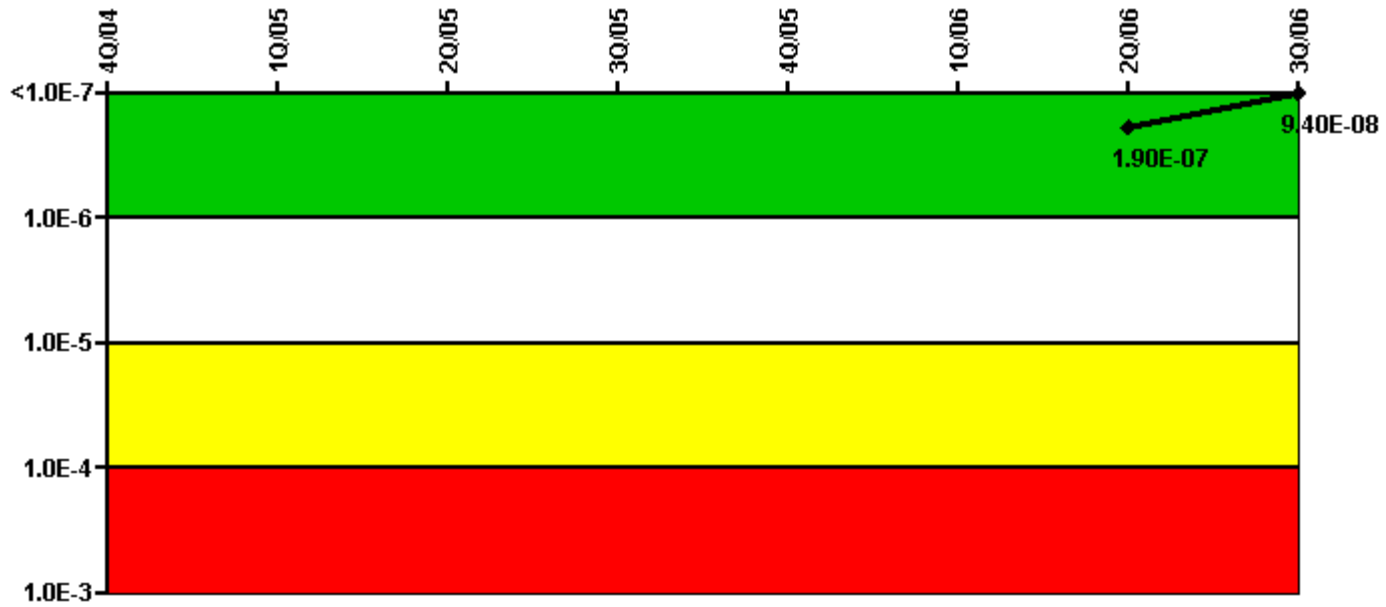
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-1.40E-08	1.10E-08
URI (Δ CDF)							-1.20E-07	-1.10E-07
PLE							NO	NO
Indicator value							-1.34E-07	-9.90E-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

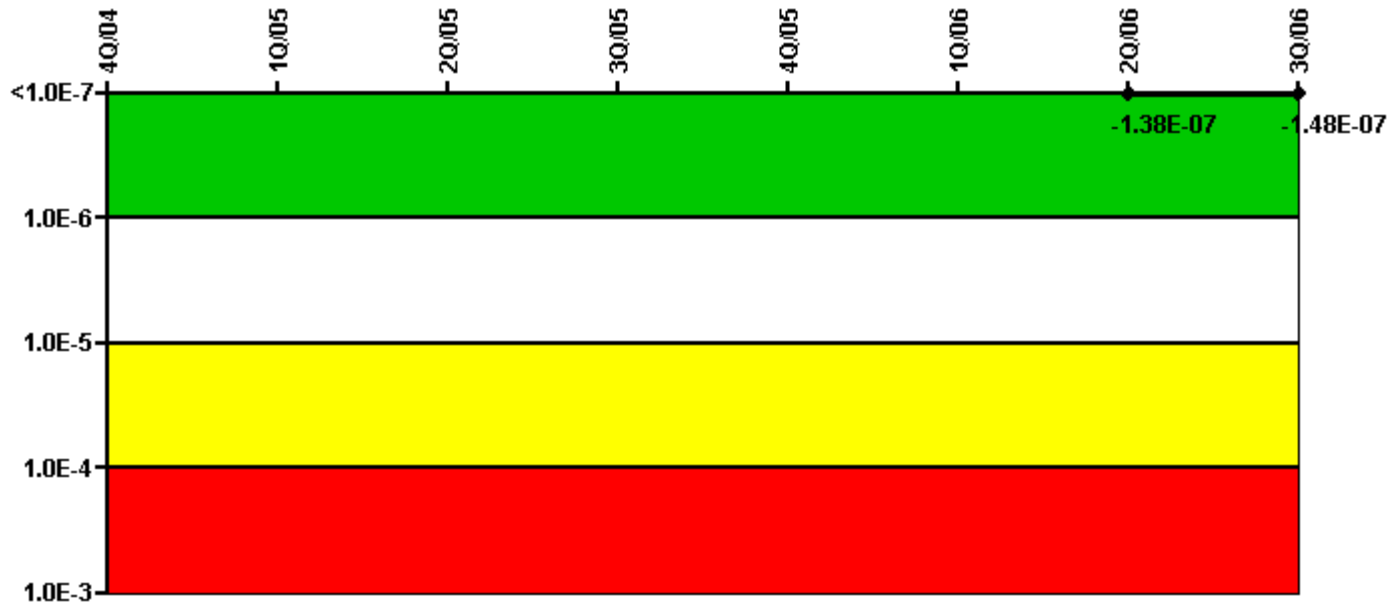
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							2.00E-08	1.90E-08
URI (ΔCDF)							1.70E-07	7.50E-08
PLE							NO	NO
Indicator value							1.90E-07	9.40E-08

Licensee Comments:

3Q/06: A self-assessment revealed pump leakage in March 2004 should not have counted as a MSPI failure. Data was corrected with no change in color.

Mitigating Systems Performance Index, Cooling Water Systems



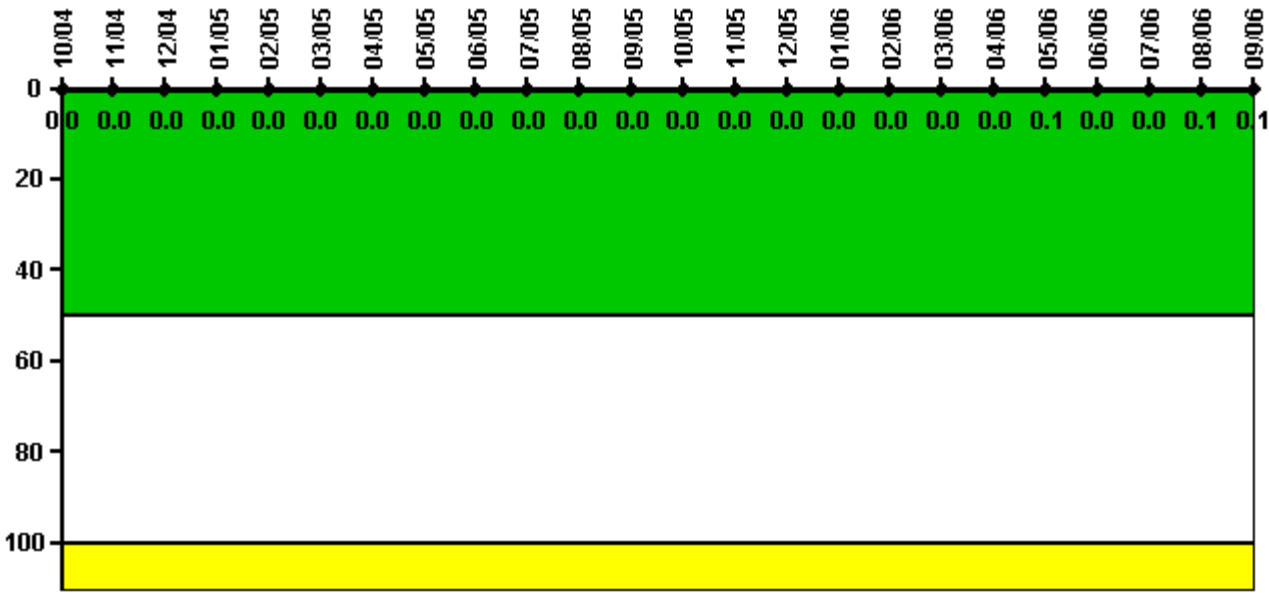
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-7.50E-09	-8.00E-09
URI (Δ CDF)							-1.30E-07	-1.40E-07
PLE							NO	NO
Indicator value							-1.38E-07	-1.48E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

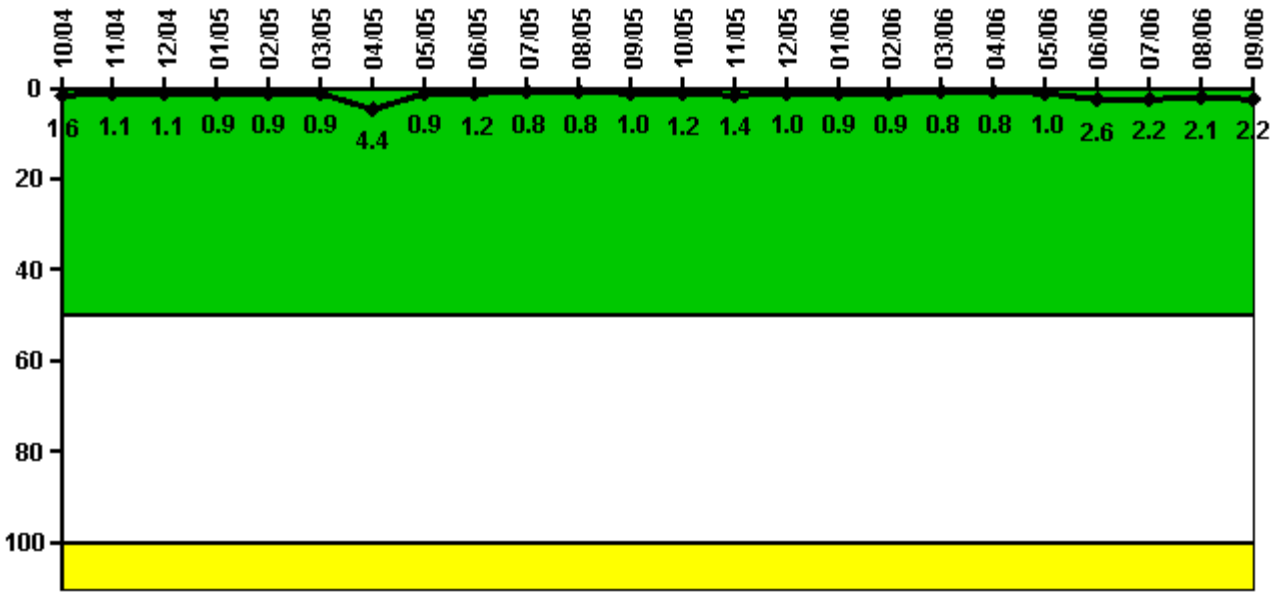
Notes

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.000352	0.000387	0.000401	0.000390	0.000395	0.000403	0.000433	0.000313	0.000404	0.000334	0.000326	0.000323
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	0	0	0	0	0	0	0

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000395	0.000358	0.000358	0.000422	0.000347	0.000470	0.000473	0.000508	0.000487	0.000498	0.000506	0.000815
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	0	0	0.1	0	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

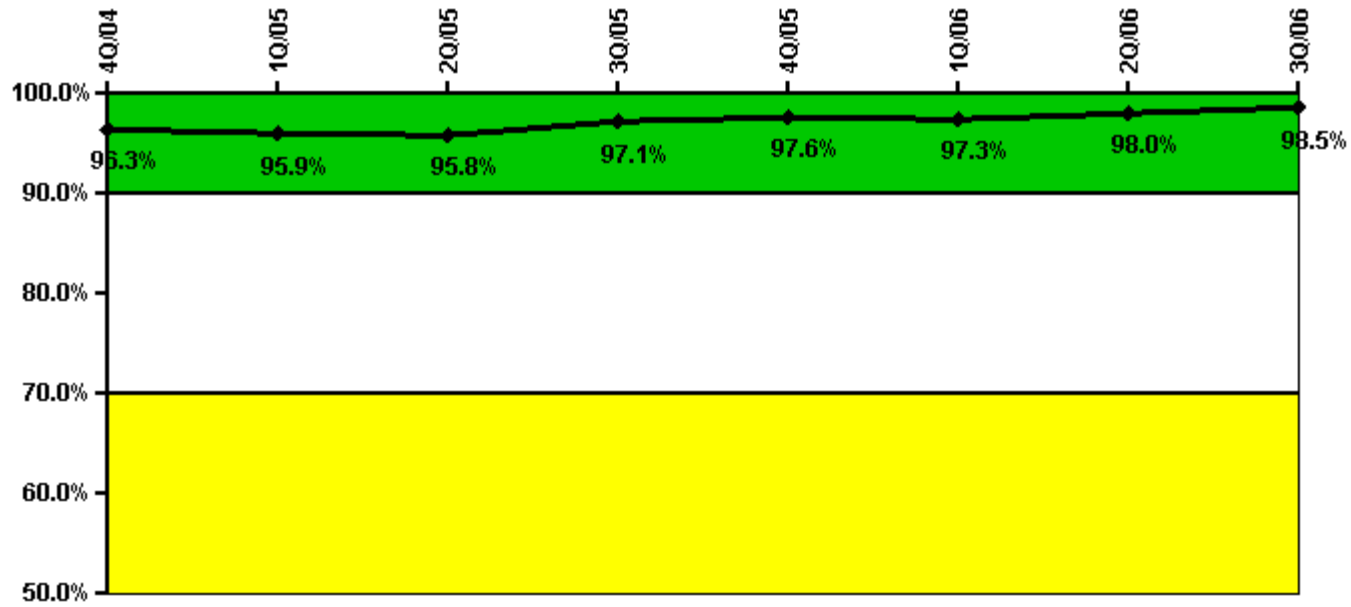
Notes

Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.160	0.110	0.110	0.090	0.090	0.090	0.440	0.090	0.120	0.080	0.080	0.100
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	1.6	1.1	1.1	0.9	0.9	0.9	4.4	0.9	1.2	0.8	0.8	1.0

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.120	0.140	0.100	0.090	0.090	0.080	0.080	0.100	0.260	0.220	0.210	0.220
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	1.2	1.4	1.0	0.9	0.9	0.8	0.8	1.0	2.6	2.2	2.1	2.2

Licensee Comments: none

Drill/Exercise Performance



Thresholds: White < 90.0% Yellow < 70.0%

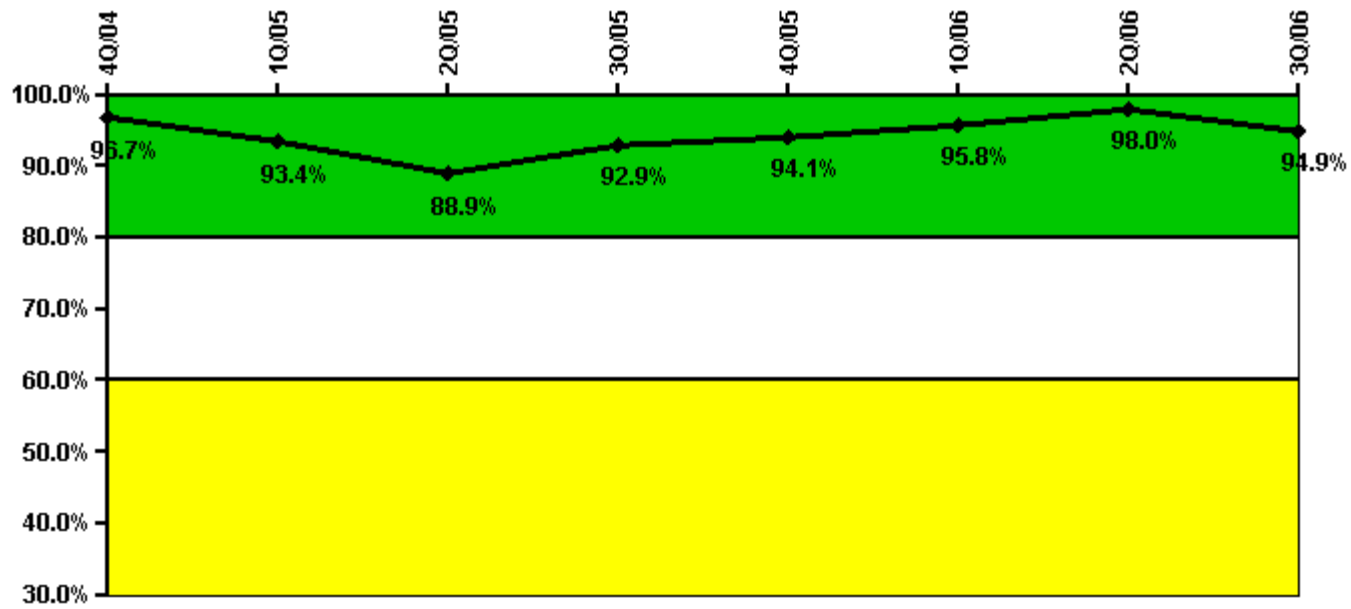
Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	8.0	19.0	20.0	29.0	27.0	34.0	23.0	31.0
Total opportunities	8.0	20.0	20.0	29.0	27.0	35.0	23.0	32.0
Indicator value	96.3%	95.9%	95.8%	97.1%	97.6%	97.3%	98.0%	98.5%

Licensee Comments:

3Q/06: Based on NRC review, a missed opportunity was accounted for in Feb. 2006 with no change in color. See NRC reports 05000280/2006010 and 05000281/2006010 dated July 25, 2006.

ERO Drill Participation



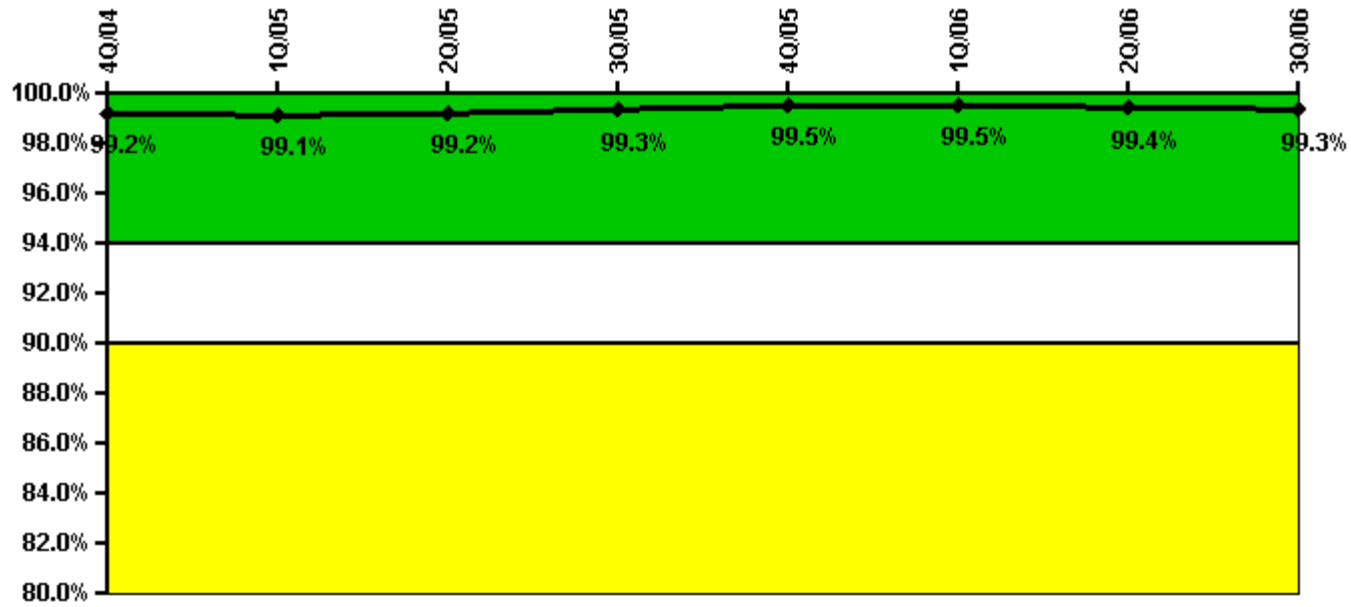
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	148.0	142.0	136.0	144.0	144.0	137.0	145.0	149.0
Total Key personnel	153.0	152.0	153.0	155.0	153.0	143.0	148.0	157.0
Indicator value	96.7%	93.4%	88.9%	92.9%	94.1%	95.8%	98.0%	94.9%

Licensee Comments: none

Alert & Notification System



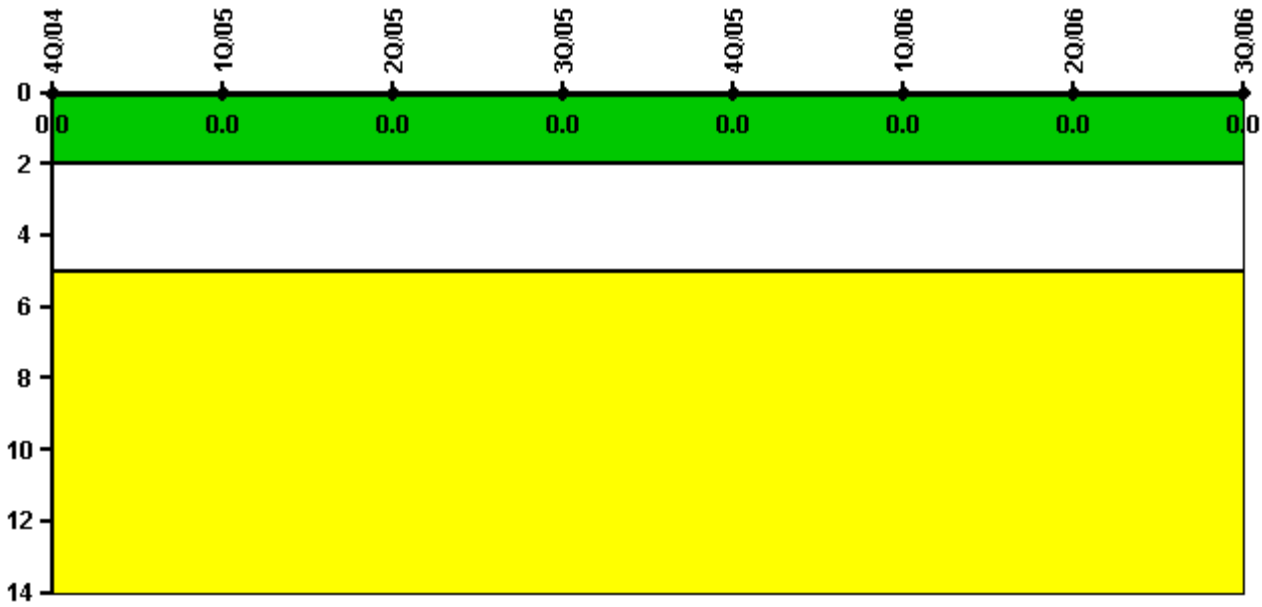
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	461	534	475	541	472	542	473	539
Total sirens-tests	469	537	476	544	476	544	476	544
Indicator value	99.2%	99.1%	99.2%	99.3%	99.5%	99.5%	99.4%	99.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



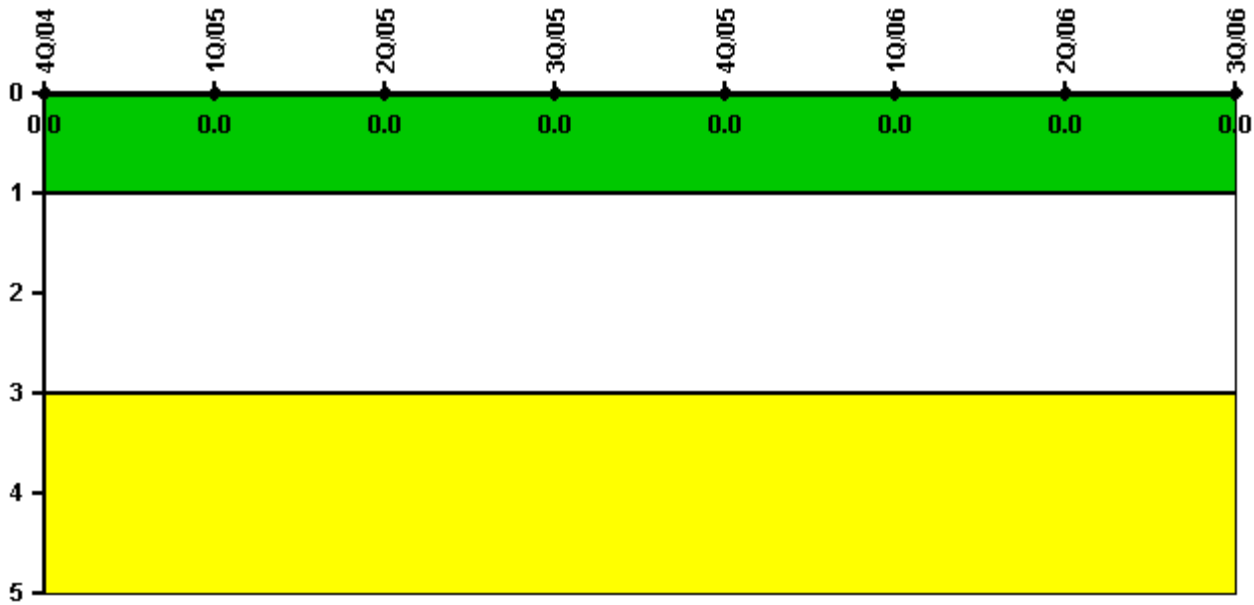
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
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.