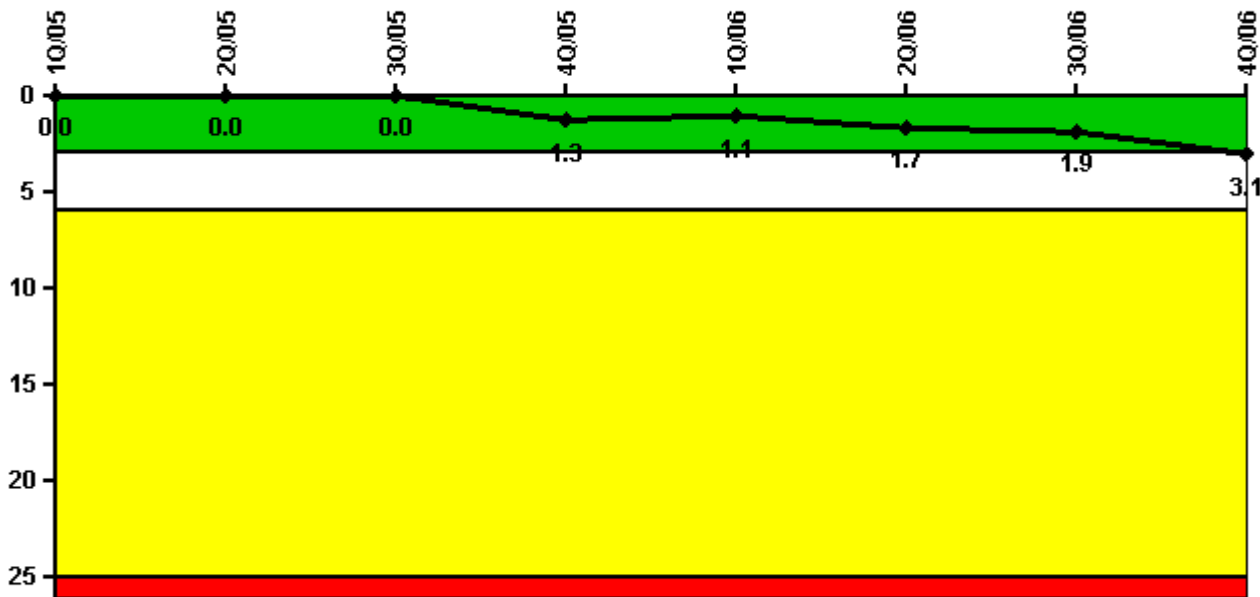


Kewaunee

4Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



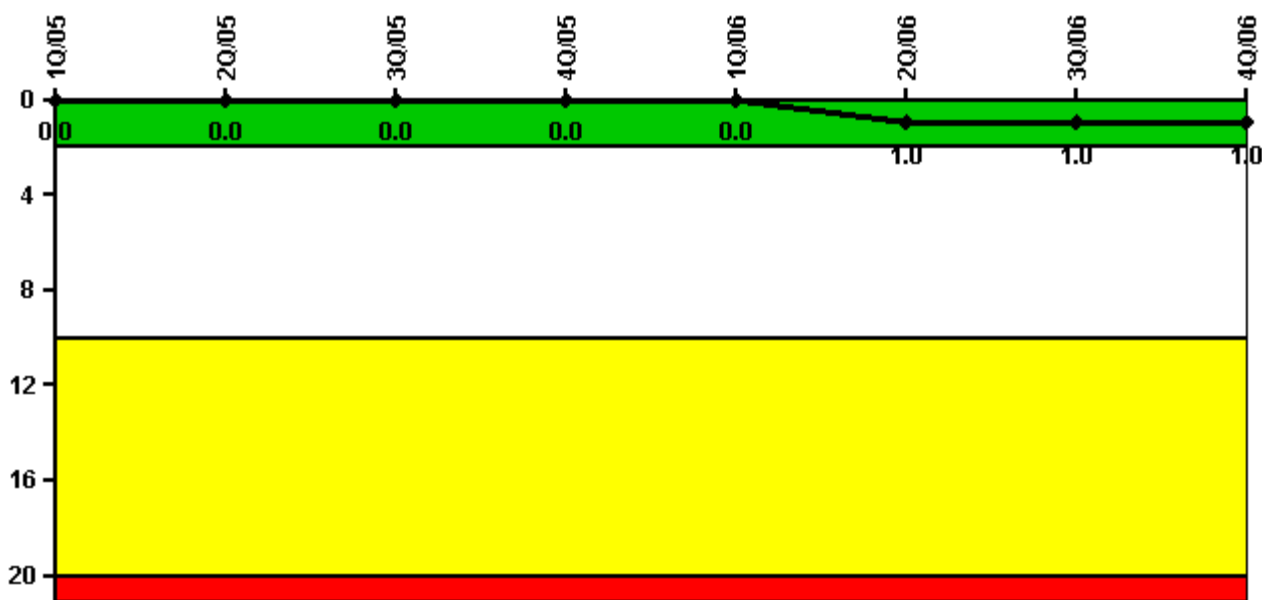
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned scrams	0	0	0	1.0	0	1.0	0	2.0
Critical hours	1205.2	0	2189.6	2097.8	2160.0	1575.9	1512.7	1505.1
Indicator value	0	0	0	1.3	1.1	1.7	1.9	3.1

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



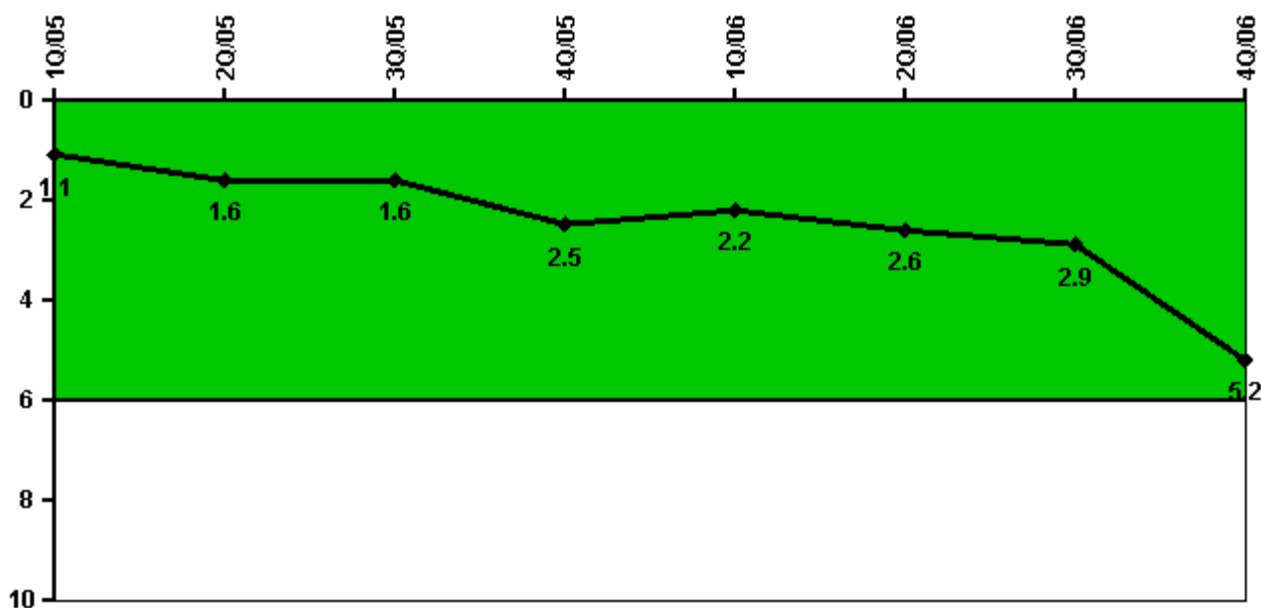
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



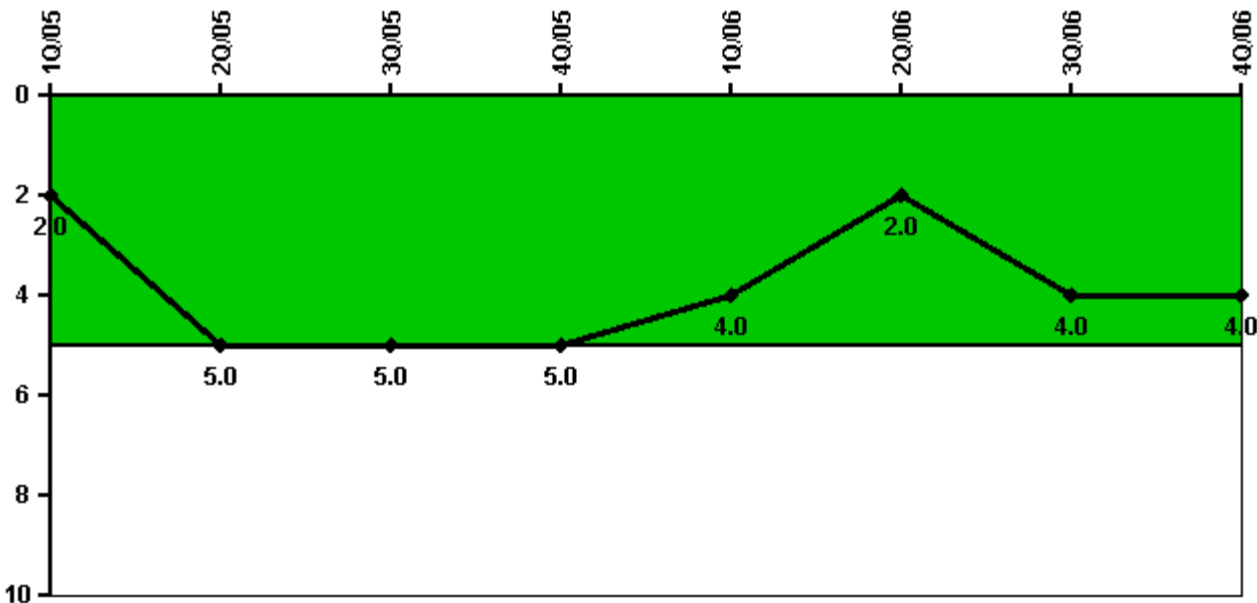
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	1.0	0	0	1.0	1.0	1.0	0	3.0
Critical hours	1205.2	0	2189.6	2097.8	2160.0	1575.9	1512.7	1505.1
Indicator value	1.1	1.6	1.6	2.5	2.2	2.6	2.9	5.2

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

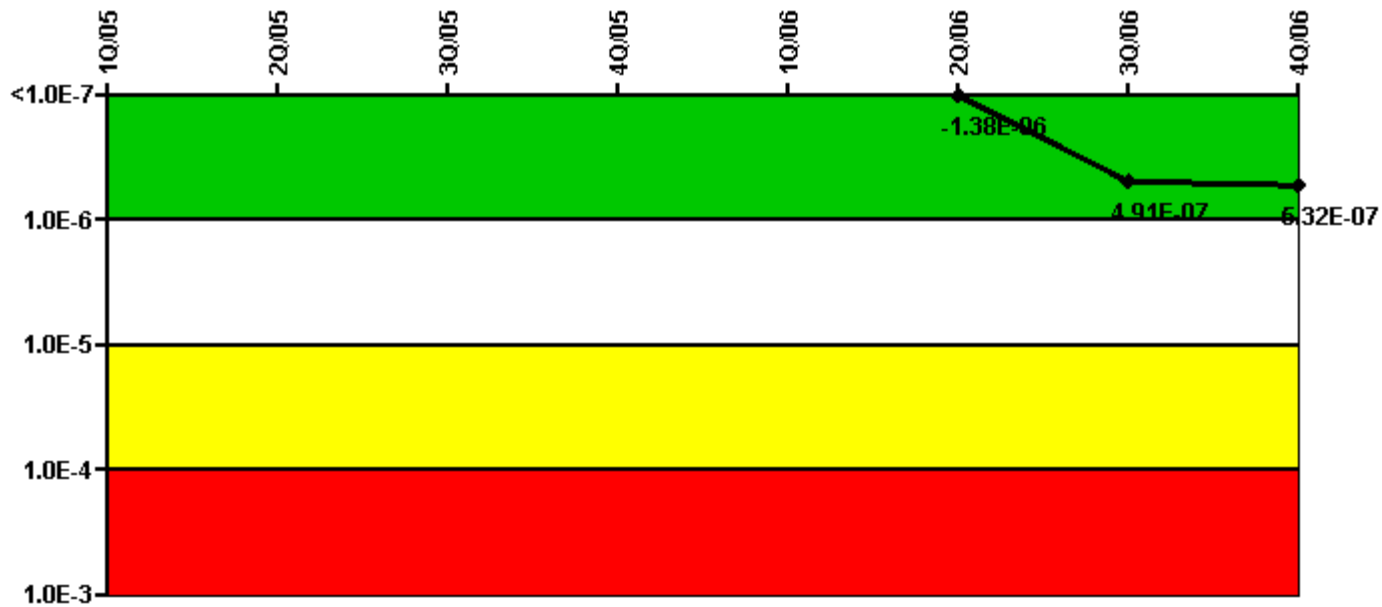
Safety System Functional Failures (PWR)	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Safety System Functional Failures	1	3	0	1	0	1	2	1
Indicator value	2	5	5	5	4	2	4	4

Licensee Comments:

4Q/06: Added LER 2006-009, DG A inoperable due to identified fuel oil leak. Removed LER 2006-004, Incorrect Assumption regarding de-rate of EDGs during elevated load operation. This was reported under LER 2006-004 during 3rd QTR 2006 and removed in the 4th QTR after a past operability engineering evaluation determined that the EDGs would have been capable of performing its function during the time period in question (CA027907). LER 2006-003, Both trains of RHR inoperable due to internal flooding vulnerability was counted as an SSFF in 3rd QTR 2006. An engineering evaluation is in progress to determine if adequate flooding sources are available to actually cause both trains of RHR to become inoperable. The evaluation is expected to be completed in the 1st QTR of 2007.

3Q/06: July -- LERs 2006-003-00, 2006-004-00, and 2006-005-00 2nd Quarter LER 2006-002-00

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/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						-8.00E-08	-3.90E-08	-8.00E-09
URI (ΔCDF)						-1.30E-06	5.30E-07	5.40E-07
PLE						NO	NO	NO
Indicator value						-1.38E-06	4.91E-07	5.32E-07

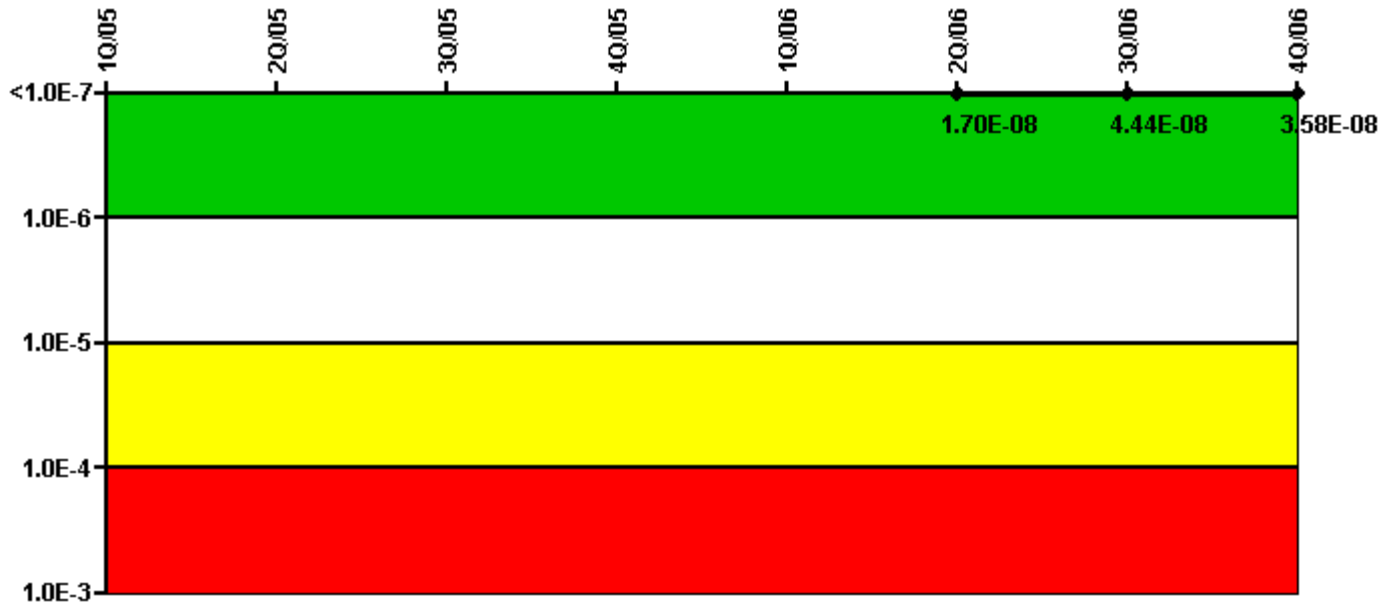
Licensee Comments:

4Q/06: Changed PRA Parameter(s). Removed failure of EDG A that was reported in 3rd QTR 2006. The failure was postulated for EDG A under high load and high combustion air temperature conditions. A past operability engineering evaluation (CA027907) determined that the EDG would have been capable of performing its function for the mission time during the time period in question.

3Q/06: Changed PRA Parameter(s). One MSPI failure is under investigation. Updated the CDF for the unit. The change has been made to be in effect as of July 1, 2006 as it reflects the PRA and Basis Document in effect for 3rd quarter 2006.

2Q/06: The PRA Parameters were changed before the end of June to reflect the June 2006 PRA. The change has been made to be in effect as of July 1, 2006 as it reflects the PRA and Basis Document in effect for 3rd quarter 2006. This change does not change the resulting color (green).

Mitigating Systems Performance Index, High Pressure Injection System



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

Notes

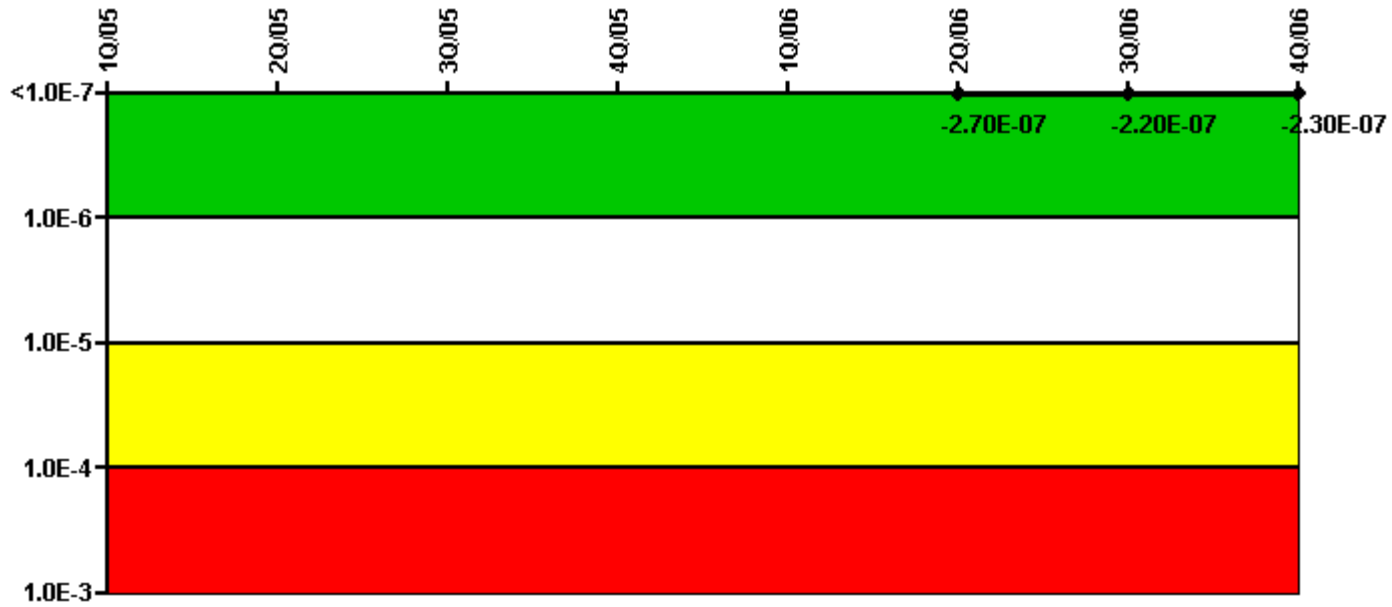
Mitigating Systems Performance Index, High Pressure Injection System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-5.00E-09	-5.60E-09	-6.20E-09
URI (Δ CDF)						2.20E-08	5.00E-08	4.20E-08
PLE						NO	NO	NO
Indicator value						1.70E-08	4.44E-08	3.58E-08

Licensee Comments:

4Q/06: Changed PRA Parameter(s).

3Q/06: Changed PRA Parameter(s). Updated the CDF for the unit. The change has been made to be in effect as of July 1, 2006 as it reflects the PRA and Basis Document in effect for 3rd quarter 2006.

Mitigating Systems Performance Index, Heat Removal System



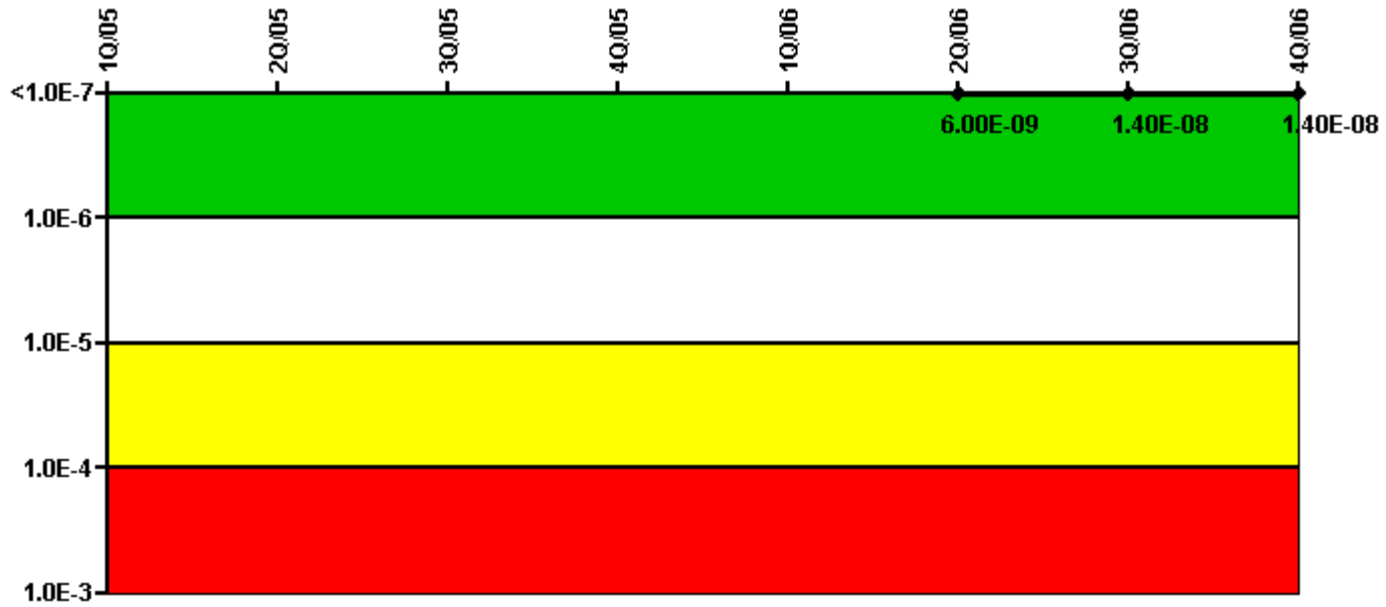
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						2.30E-07	2.10E-07	2.20E-07
URI (ΔCDF)						-5.00E-07	-4.30E-07	-4.50E-07
PLE						NO	NO	NO
Indicator value						-2.70E-07	-2.20E-07	-2.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



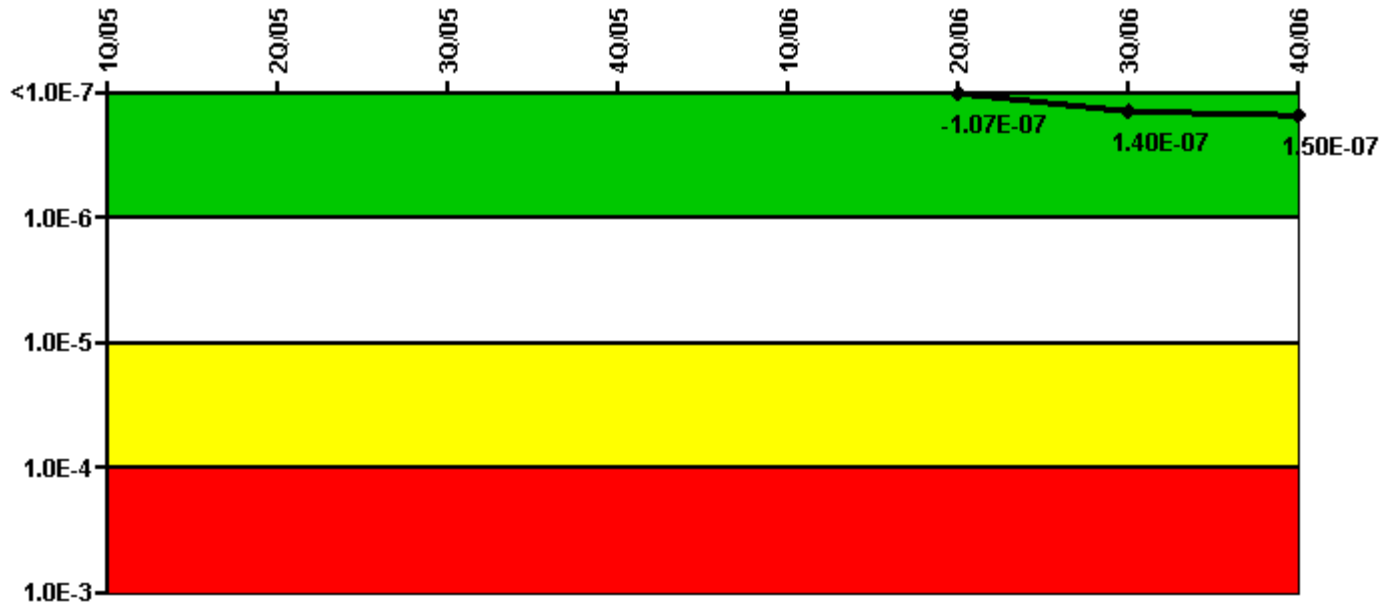
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						2.90E-08	5.90E-08	6.40E-08
URI (ΔCDF)						-2.30E-08	-4.50E-08	-5.00E-08
PLE						NO	NO	NO
Indicator value						6.00E-09	1.40E-08	1.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



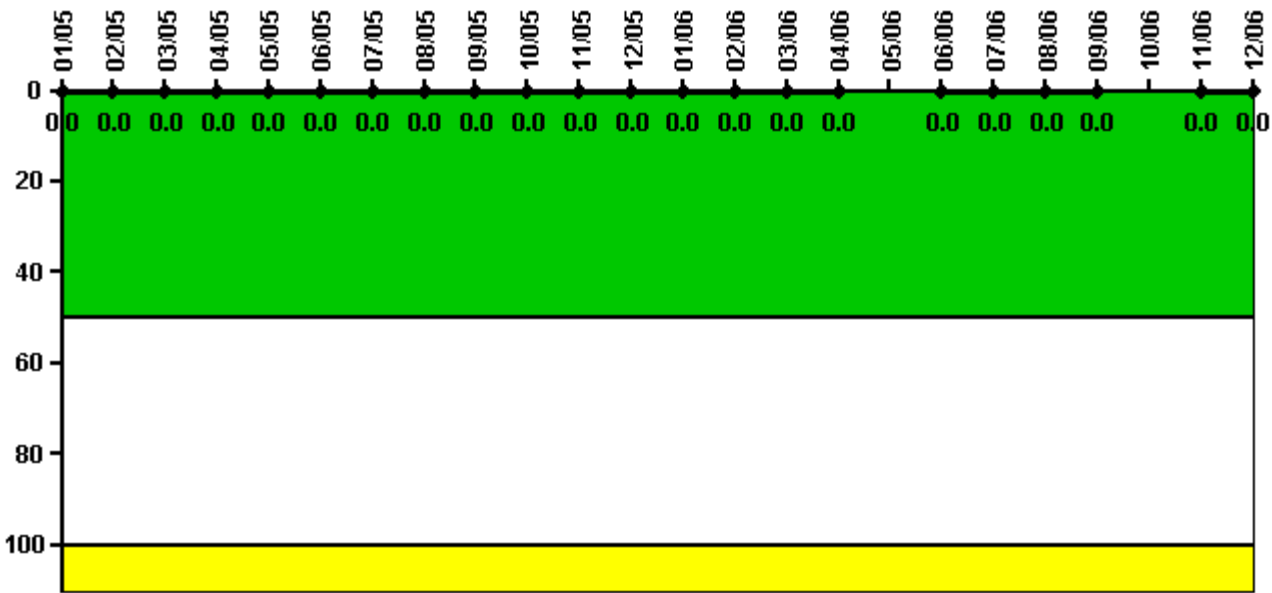
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						-2.70E-08	-1.40E-07	-1.40E-07
URI (ΔCDF)						-8.00E-08	2.80E-07	2.90E-07
PLE						NO	NO	NO
Indicator value						-1.07E-07	1.40E-07	1.50E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

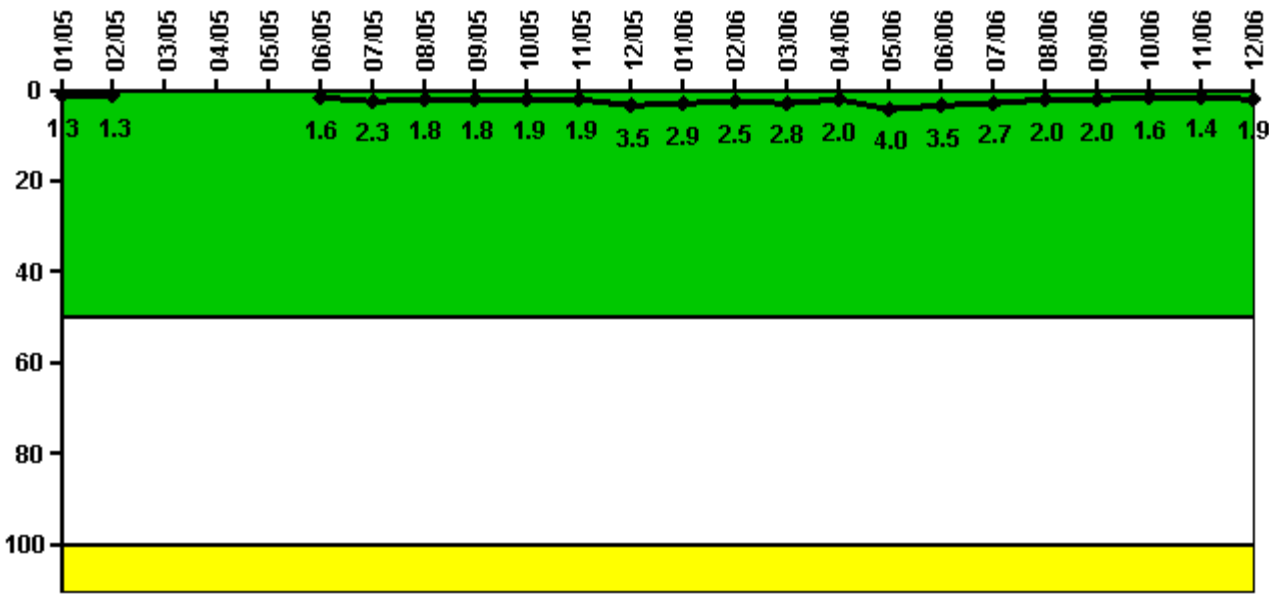
Notes

Reactor Coolant System Activity	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum activity	0.000084	0.000089	0	0	0	0	0.000094	0.000099	0.000100	0.000106	0.000091	0.000106
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	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.000117	0.000101	0.000118	0.000116	N/A	0.000127	0.000125	0.000197	0.000139	N/A	0.000076	0.000103
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	N/A	0	0	0	0	N/A	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

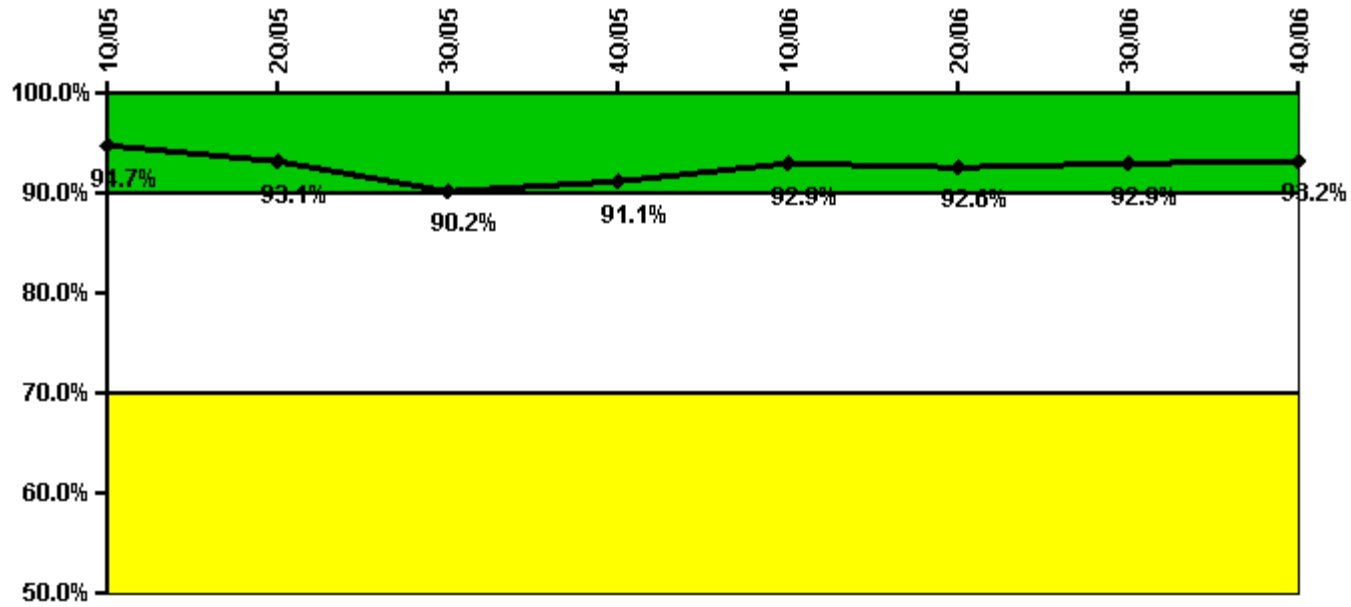
Notes

Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	0.133	0.129	N/A	N/A	N/A	0.156	0.227	0.181	0.175	0.188	0.192	0.347
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	1.3	1.3	N/A	N/A	N/A	1.6	2.3	1.8	1.8	1.9	1.9	3.5

Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.285	0.247	0.279	0.197	0.404	0.345	0.268	0.200	0.200	0.157	0.137	0.191
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	2.9	2.5	2.8	2.0	4.0	3.5	2.7	2.0	2.0	1.6	1.4	1.9

Licensee Comments: none

Drill/Exercise Performance



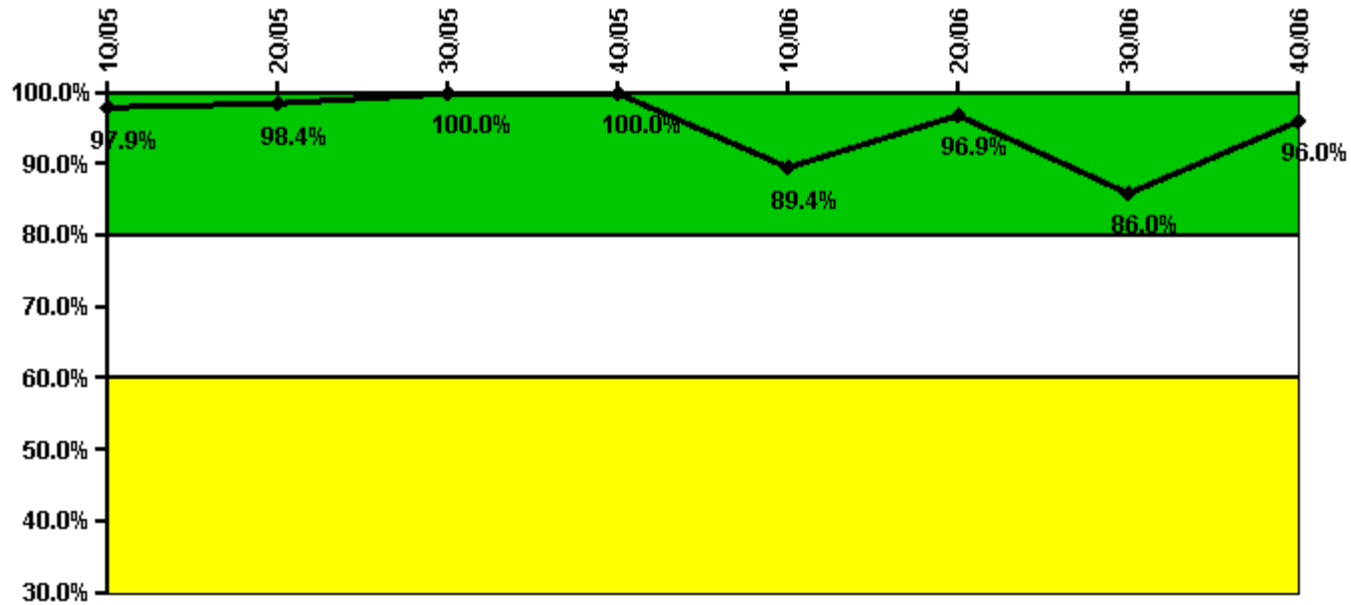
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	32.0	30.0	11.0	49.0	31.0	23.0	6.0	23.0
Total opportunities	32.0	32.0	16.0	52.0	31.0	27.0	6.0	24.0
Indicator value	94.7%	93.1%	90.2%	91.1%	92.9%	92.6%	92.9%	93.2%

Licensee Comments: none

ERO Drill Participation



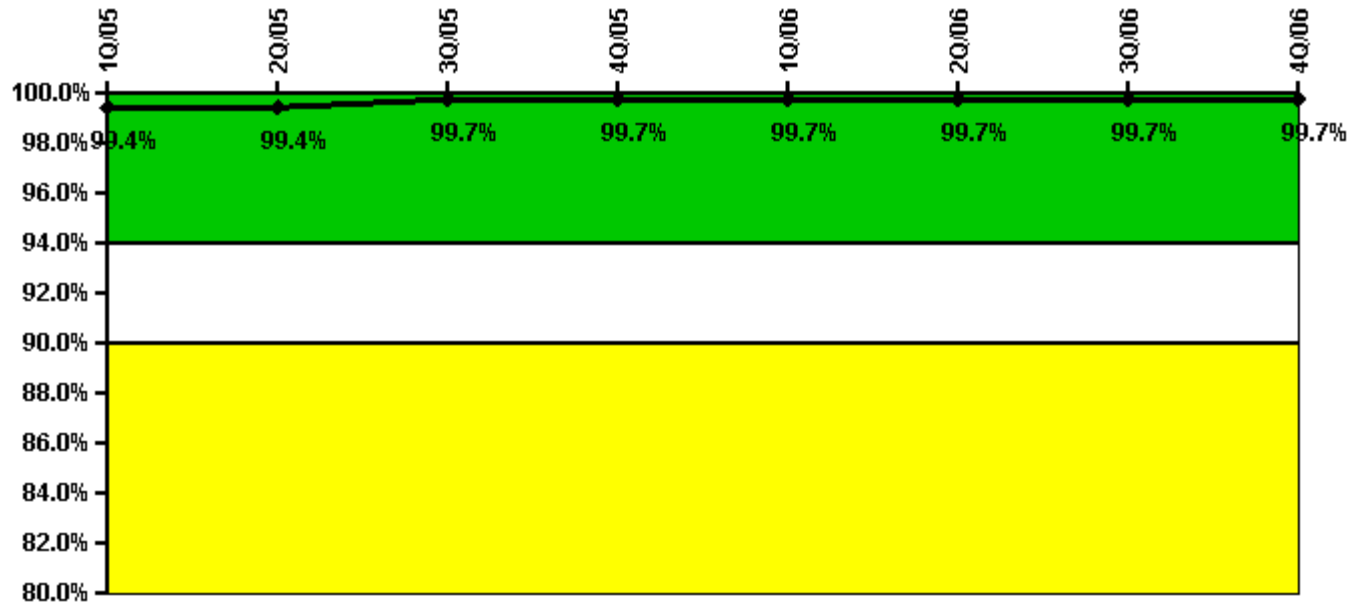
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	46.0	62.0	64.0	61.0	59.0	62.0	43.0	48.0
Total Key personnel	47.0	63.0	64.0	61.0	66.0	64.0	50.0	50.0
Indicator value	97.9%	98.4%	100.0%	100.0%	89.4%	96.9%	86.0%	96.0%

Licensee Comments: none

Alert & Notification System



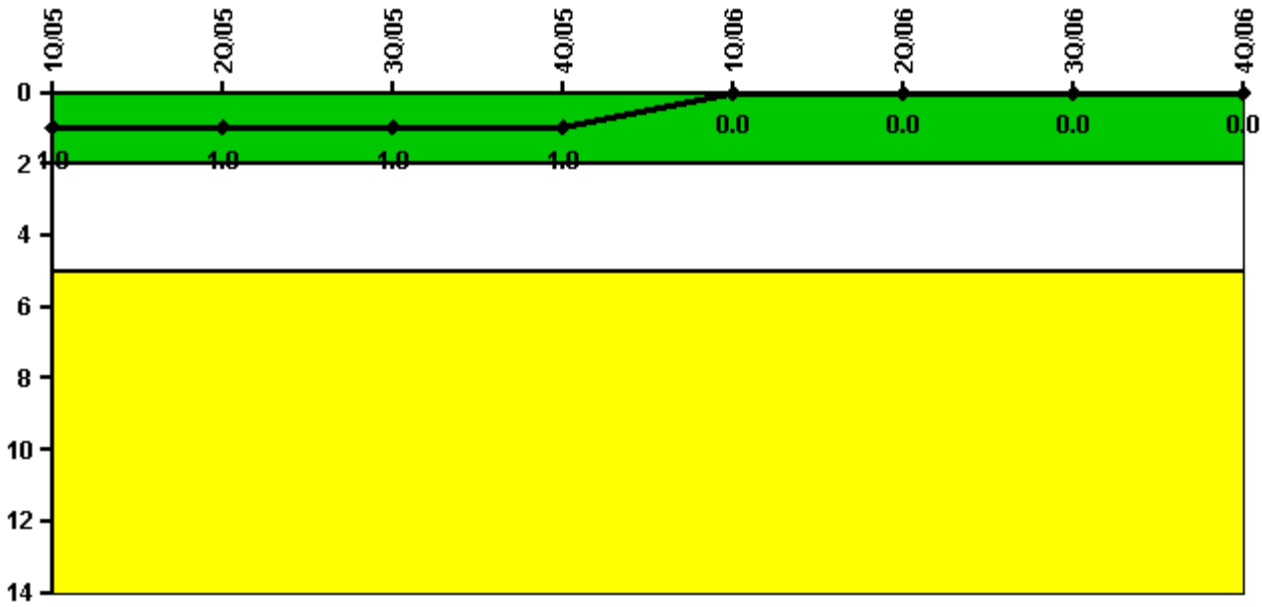
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	77	78	77	78	77	78	78	78
Total sirens-tests	78	78	77	78	78	78	78	78
Indicator value	99.4%	99.4%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



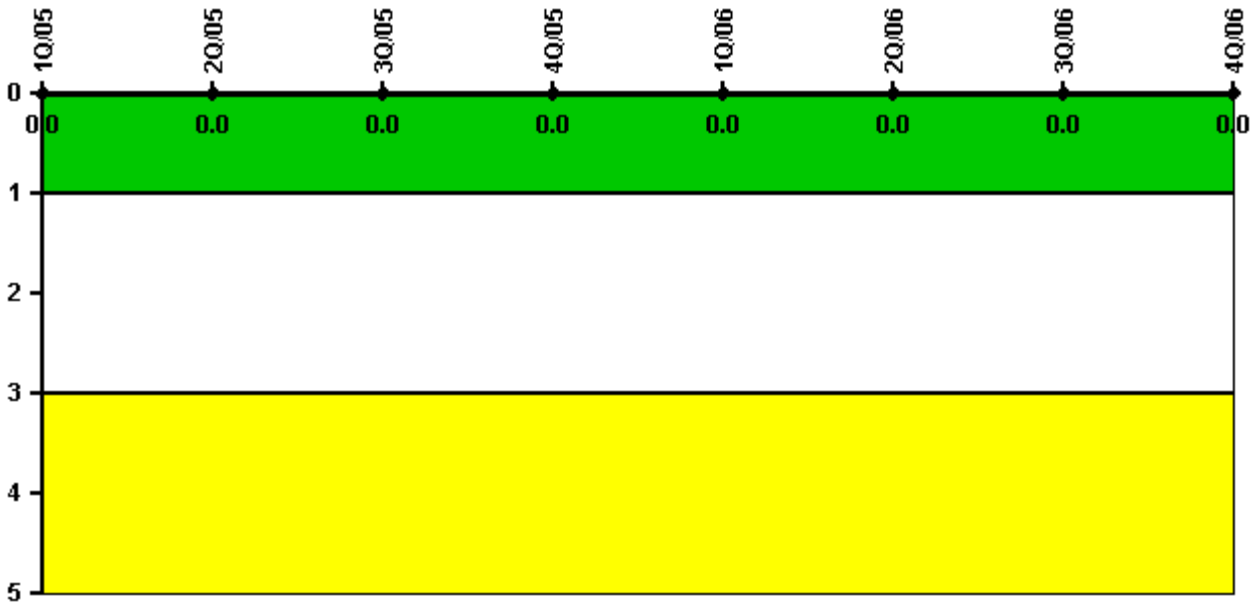
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
High radiation area occurrences	1	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	1	1	1	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/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.