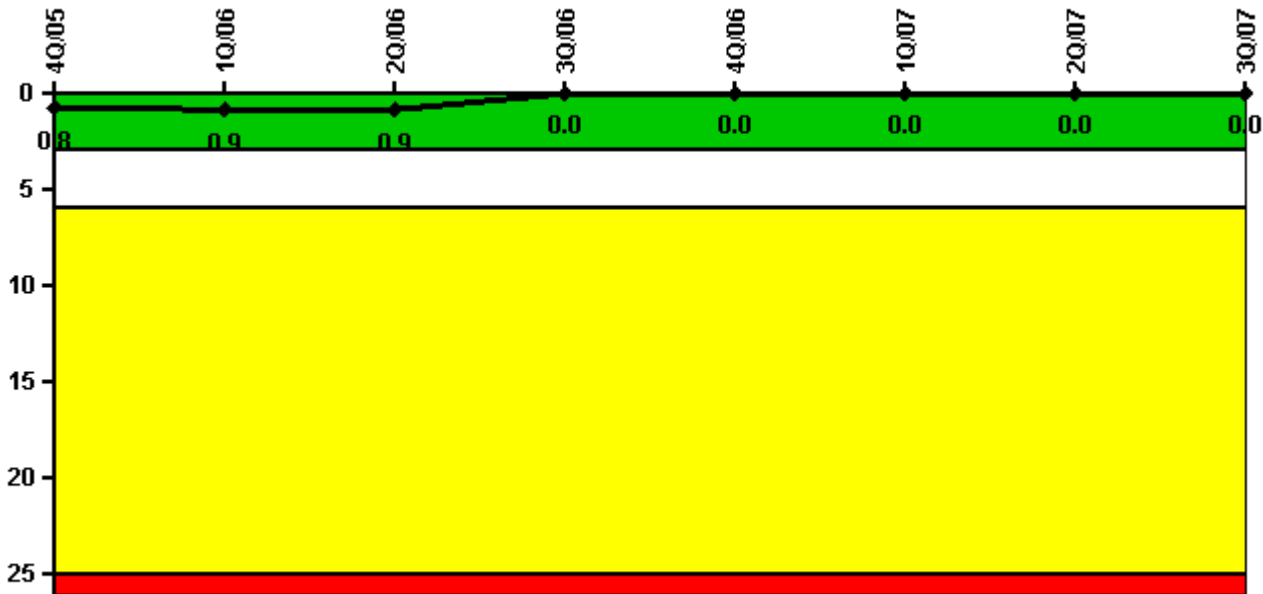


Brunswick 1

3Q/2007 Performance Indicators

Licensee's General Comments: IE04: New data entered for PI beginning 4Q2006 (zero scrams with complications). MS08: 2Q2006 to current: Revised mission time on RCIC pump C001 from 1 hr to 24 hrs due to input error. 1Q2007 to current: Revised FVURC and URPC on RCIC valve F045 due to failure to revise values upon implementation of Revision 2 to BNP Basis Document. Changes do not affect the color of the RCIC performance indicator, with indicator maintaining GREEN and greater than 100% margin since inception of MSPI in 2Q2006.

Unplanned Scrams per 7000 Critical Hrs



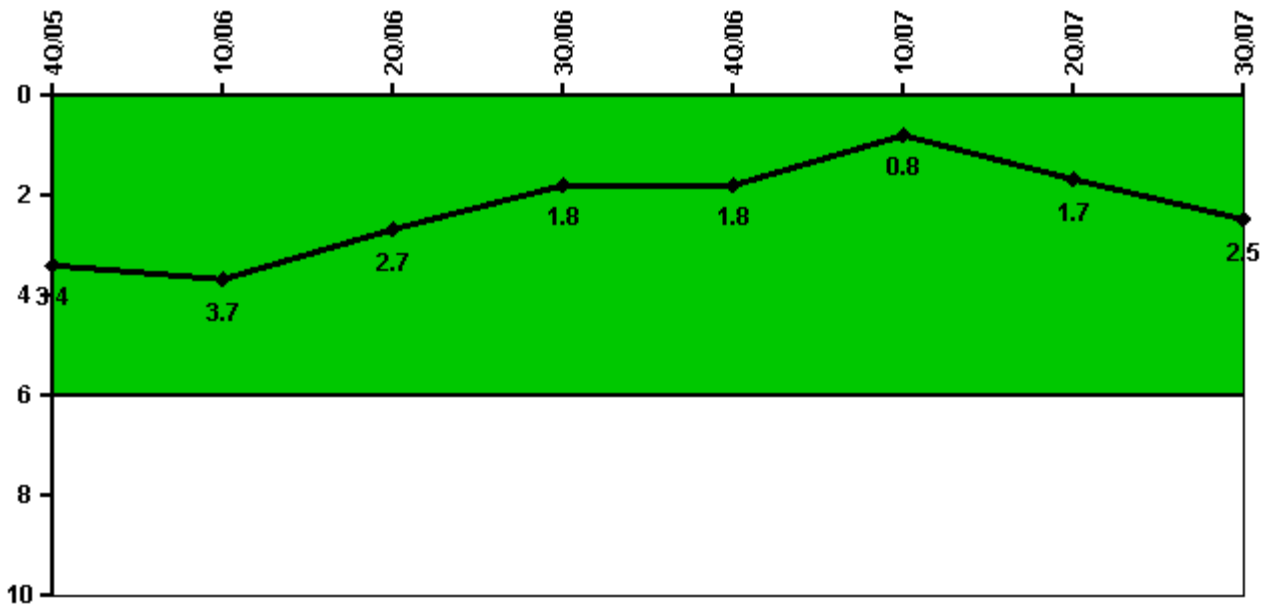
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	1487.0	2047.2	1923.3	2209.0	2159.0	2087.5	1915.5
Indicator value	0.8	0.9	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



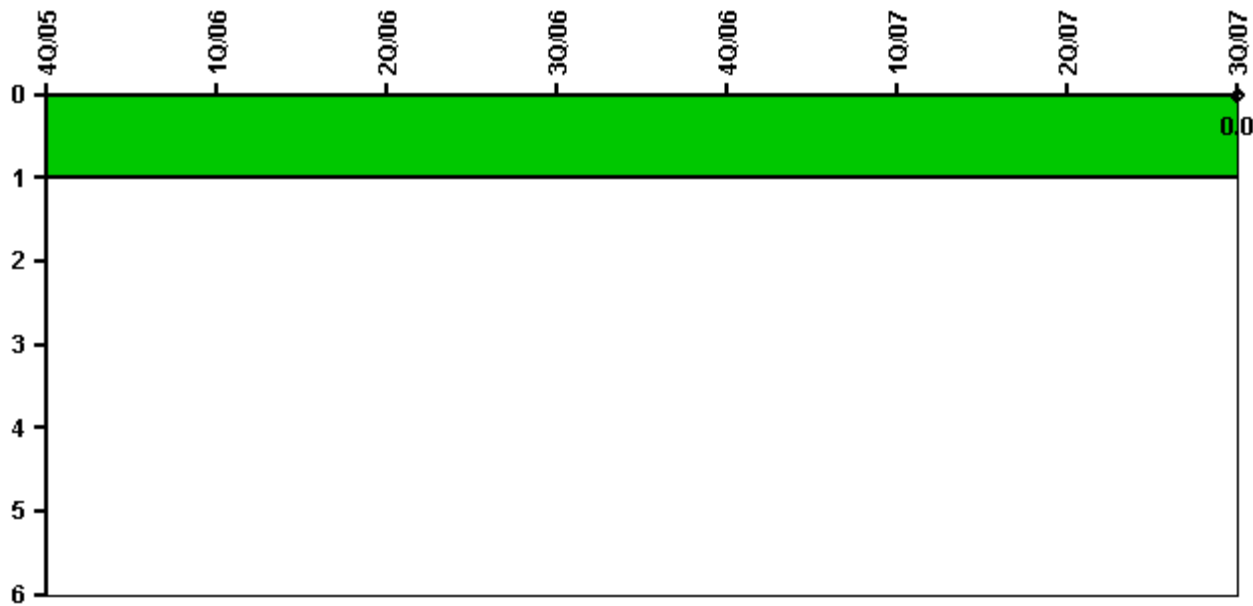
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	0	1.0	0	1.0	0	0	1.0	2.0
Critical hours	2209.0	1487.0	2047.2	1923.3	2209.0	2159.0	2087.5	1915.5
Indicator value	3.4	3.7	2.7	1.8	1.8	0.8	1.7	2.5

Licensee Comments: none

Unplanned Scrams with Complications



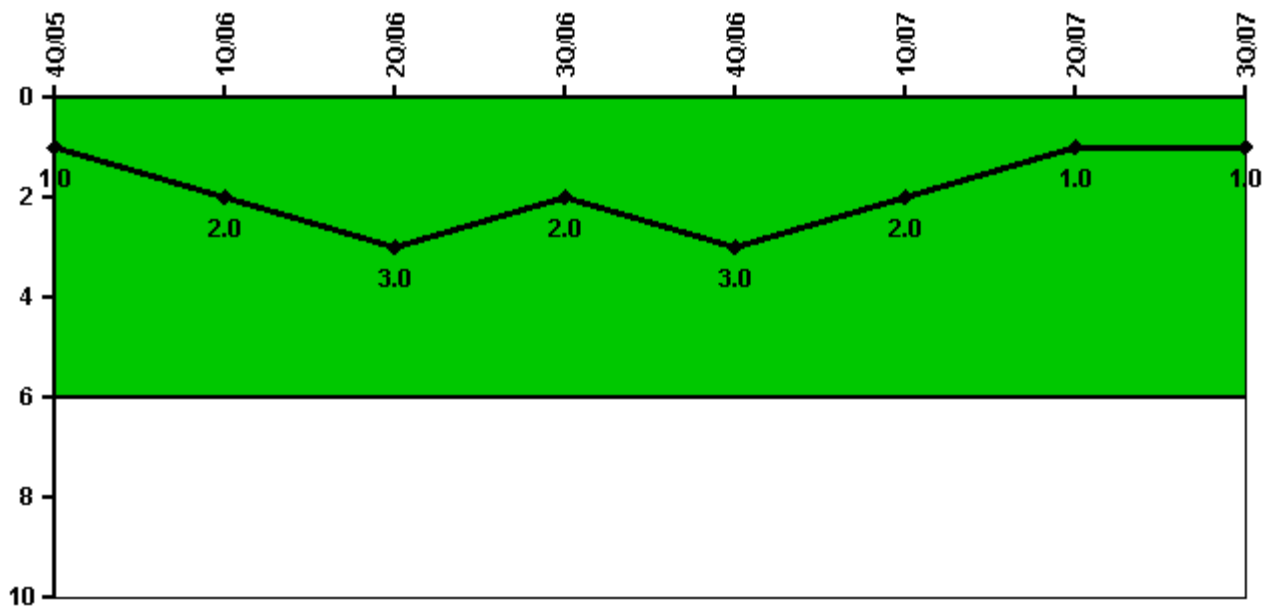
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Scrams with complications					0	0	0	0
Indicator value								0.0

Licensee Comments: none

Safety System Functional Failures (BWR)



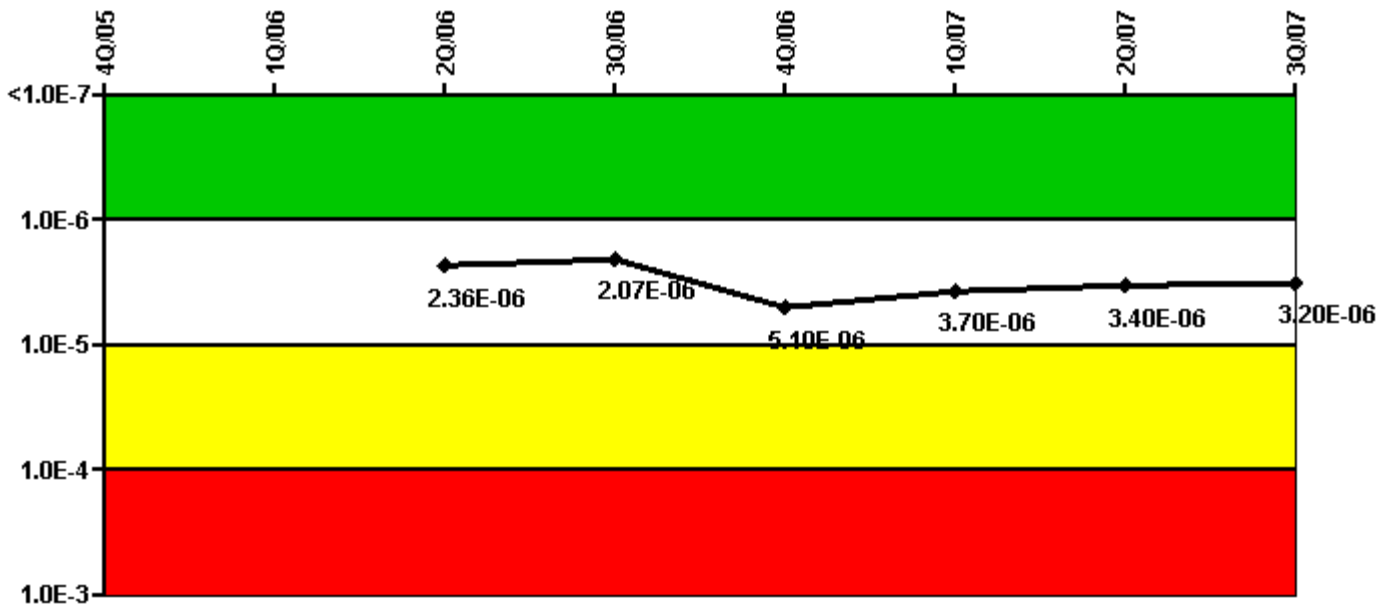
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Safety System Functional Failures	0	1	1	0	1	0	0	0
Indicator value	1	2	3	2	3	2	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



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

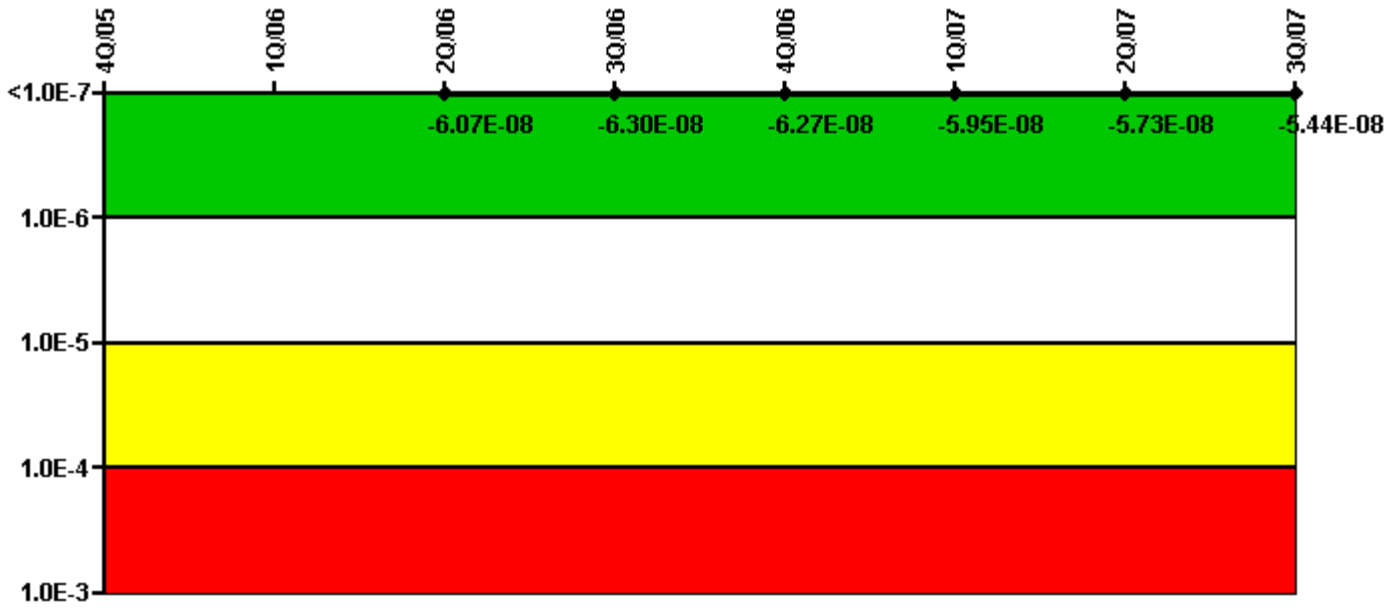
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			$3.60E-07$	$3.70E-07$	$1.20E-06$	$1.30E-06$	$1.80E-06$	$1.60E-06$
URI (Δ CDF)			$2.00E-06$	$1.70E-06$	$3.90E-06$	$2.40E-06$	$1.60E-06$	$1.60E-06$
PLE			NO	NO	NO	NO	NO	NO
Indicator value			$2.36E-06$	$2.07E-06$	$5.10E-06$	$3.70E-06$	$3.40E-06$	$3.20E-06$

Licensee Comments:

3Q/07: Risk Cap Invoked. WHITE threshold exceeded since 2Q2006 due to multiple failures on EDGs and associated Unavailability. Due to unique plant configuration, failure on any of the four EDGs adversely impacts the MSPi of both Units.

Mitigating Systems Performance Index, High Pressure Injection System



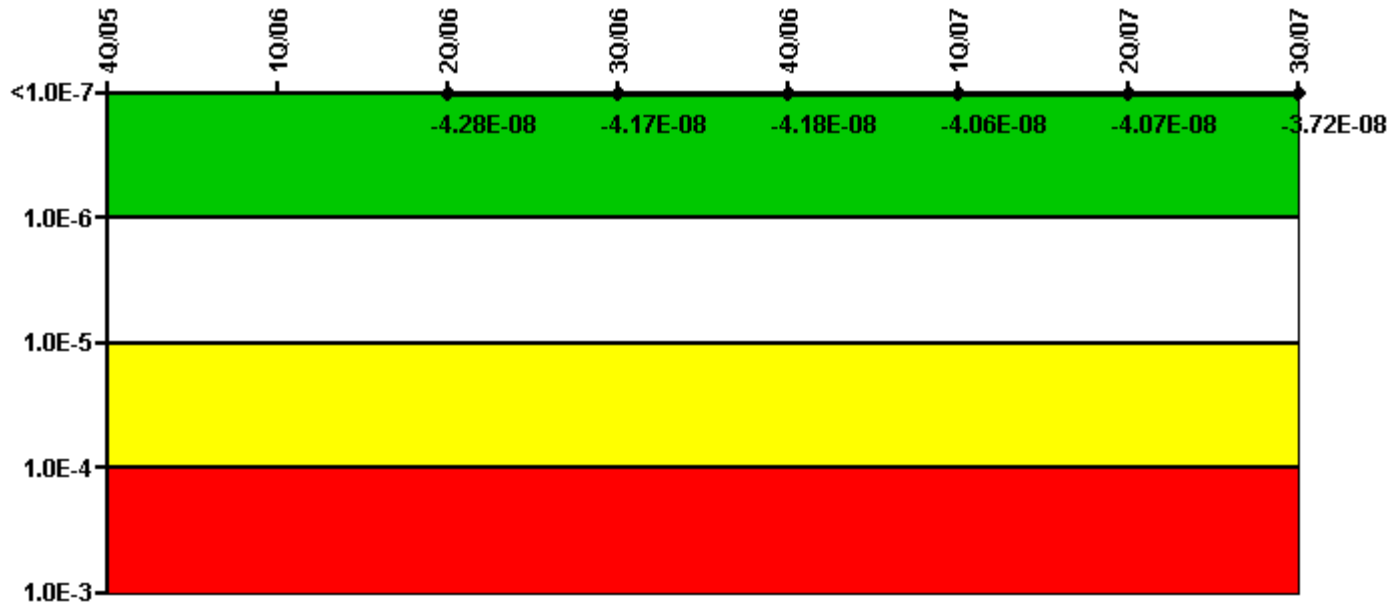
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			6.30E-09	4.00E-09	4.30E-09	2.50E-09	4.70E-09	7.60E-09
URI (Δ CDF)			-6.70E-08	-6.70E-08	-6.70E-08	-6.20E-08	-6.20E-08	-6.20E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-6.07E-08	-6.30E-08	-6.27E-08	-5.95E-08	-5.73E-08	-5.44E-08

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/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			-7.80E-09	-6.70E-09	-6.80E-09	-7.60E-09	-7.70E-09	-4.20E-09
URI (ΔCDF)			-3.50E-08	-3.50E-08	-3.50E-08	-3.30E-08	-3.30E-08	-3.30E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-4.28E-08	-4.17E-08	-4.18E-08	-4.06E-08	-4.07E-08	-3.72E-08

Licensee Comments:

3Q/07: Changed PRA Parameter(s). 2Q2006 to current: Revised mission time on RCIC pump C001 from 1 hr to 24 hrs due to input error. 1Q2007 to current: Revised FVURC and URPC on RCIC valve F045 due to failure to revise values upon implementation of Revision 2 to BNP Basis Document. Changes do not affect the color of the RCIC performance indicator, with indicator maintaining greater than 100% margin since inception of MSPI in 2Q2006.

2Q/07: Changed PRA Parameter(s).

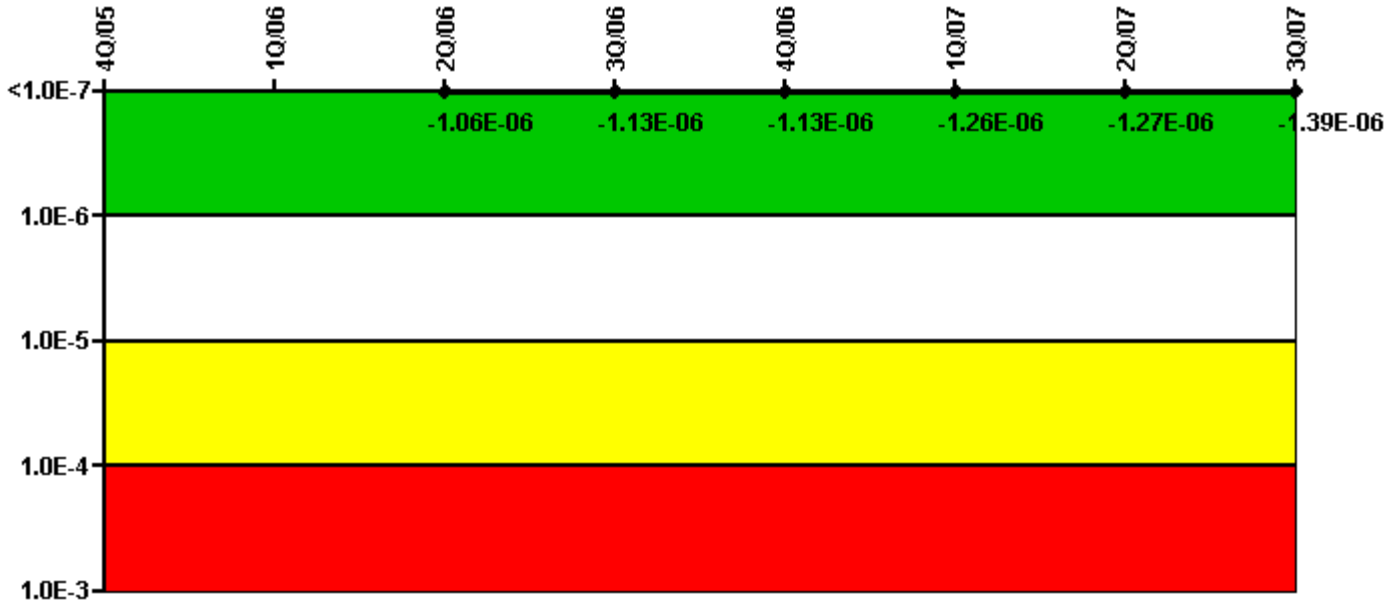
1Q/07: Changed PRA Parameter(s). New PRA values were entered beginning 1st Quarter 2007 based on Revision 6 to BNP Basis Document.

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

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



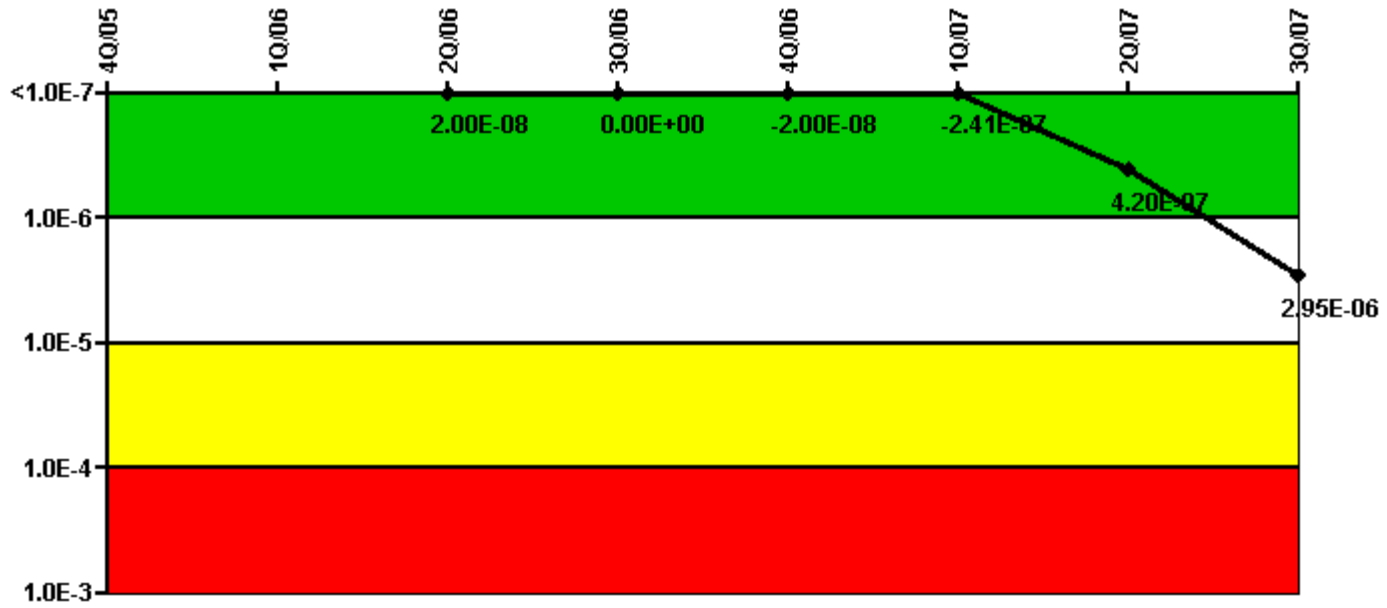
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			7.40E-07	6.70E-07	6.70E-07	6.40E-07	6.30E-07	5.10E-07
URI (Δ CDF)			-1.80E-06	-1.80E-06	-1.80E-06	-1.90E-06	-1.90E-06	-1.90E-06
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-1.06E-06	-1.13E-06	-1.13E-06	-1.26E-06	-1.27E-06	-1.39E-06

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

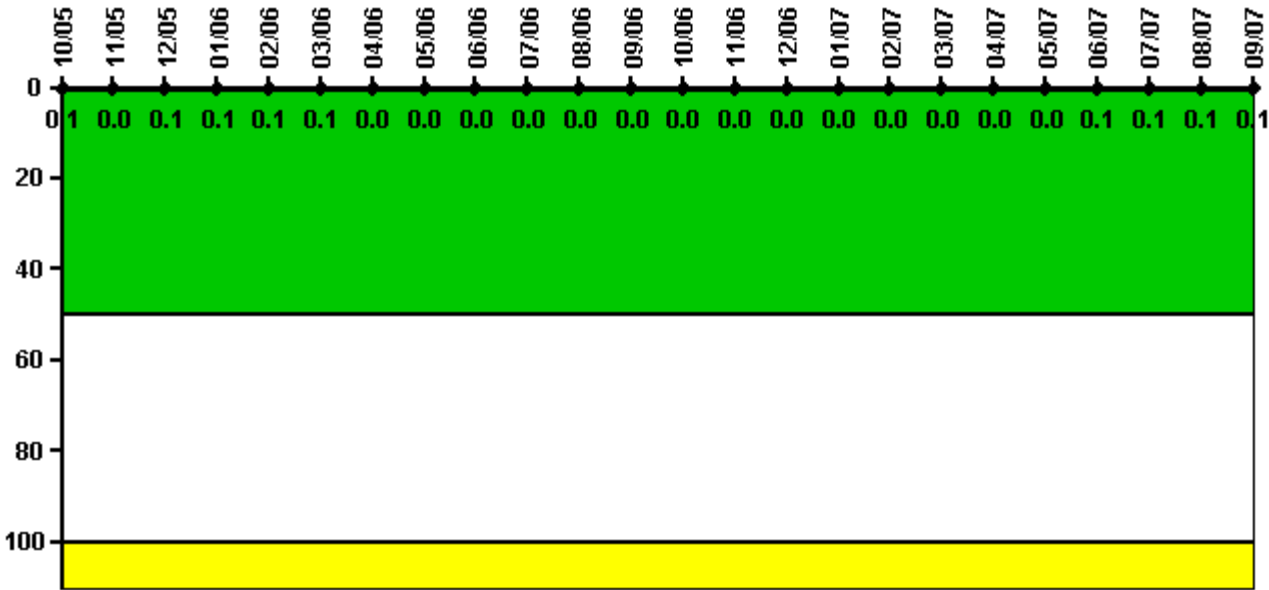
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			2.40E-07	2.20E-07	2.00E-07	-1.40E-09	7.00E-07	2.70E-06
URI (ΔCDF)			-2.20E-07	-2.20E-07	-2.20E-07	-2.40E-07	-2.80E-07	2.50E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			2.00E-08	0.00E+00	-2.00E-08	-2.41E-07	4.20E-07	2.95E-06

Licensee Comments:

3Q/07: Risk Cap Invoked. WHITE threshold exceeded due to demand failure of valve (disc to stem separation), failure to start of a RHR-SW booster pump, and subsequent Unavailability hours to replace the pump, repair valve, and inspect system for extent of condition.

Reactor Coolant System Activity



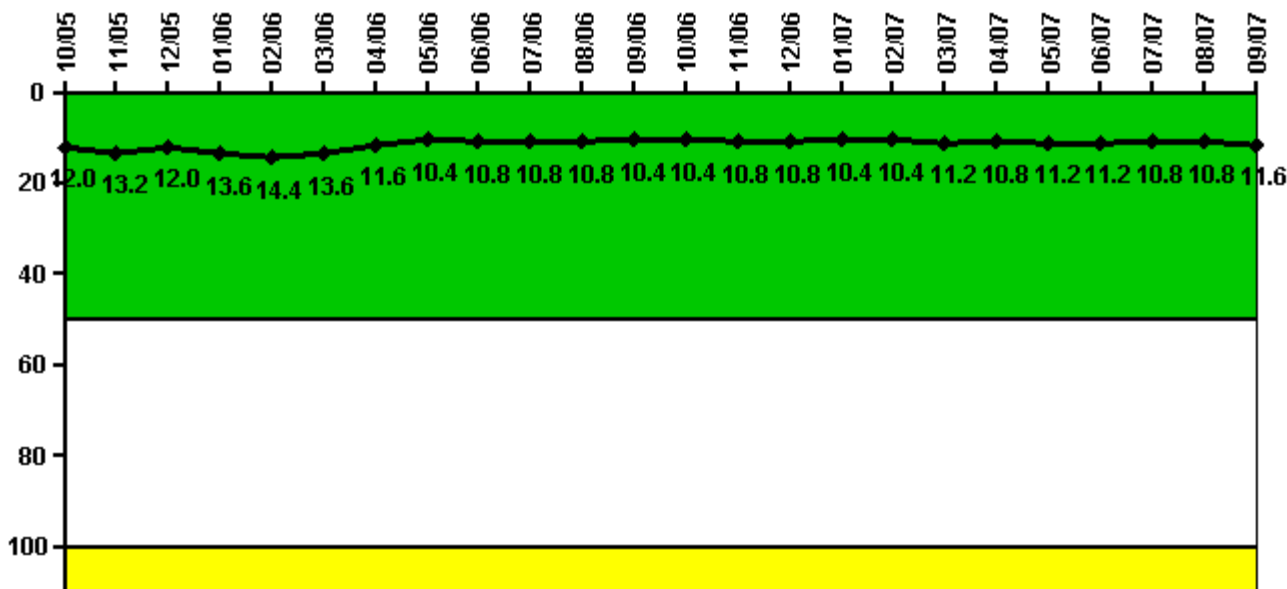
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000104	0.000096	0.000118	0.000152	0.000151	0.000132	0.000079	0.000083	0.000086	0.000085	0.000089	0.000090
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	0.1	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0
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

Licensee Comments: none

Reactor Coolant System Leakage



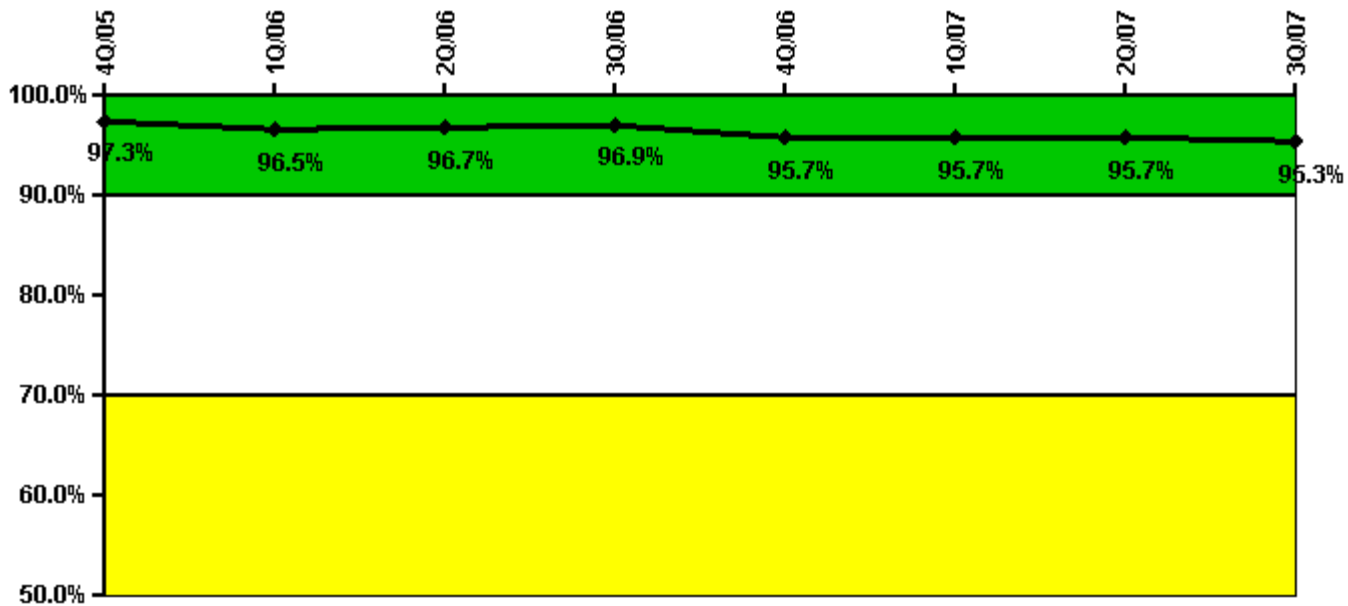
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	3.000	3.300	3.000	3.400	3.600	3.400	2.900	2.600	2.700	2.700	2.700	2.600
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	12.0	13.2	12.0	13.6	14.4	13.6	11.6	10.4	10.8	10.8	10.8	10.4
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

Licensee Comments: none

Drill/Exercise Performance



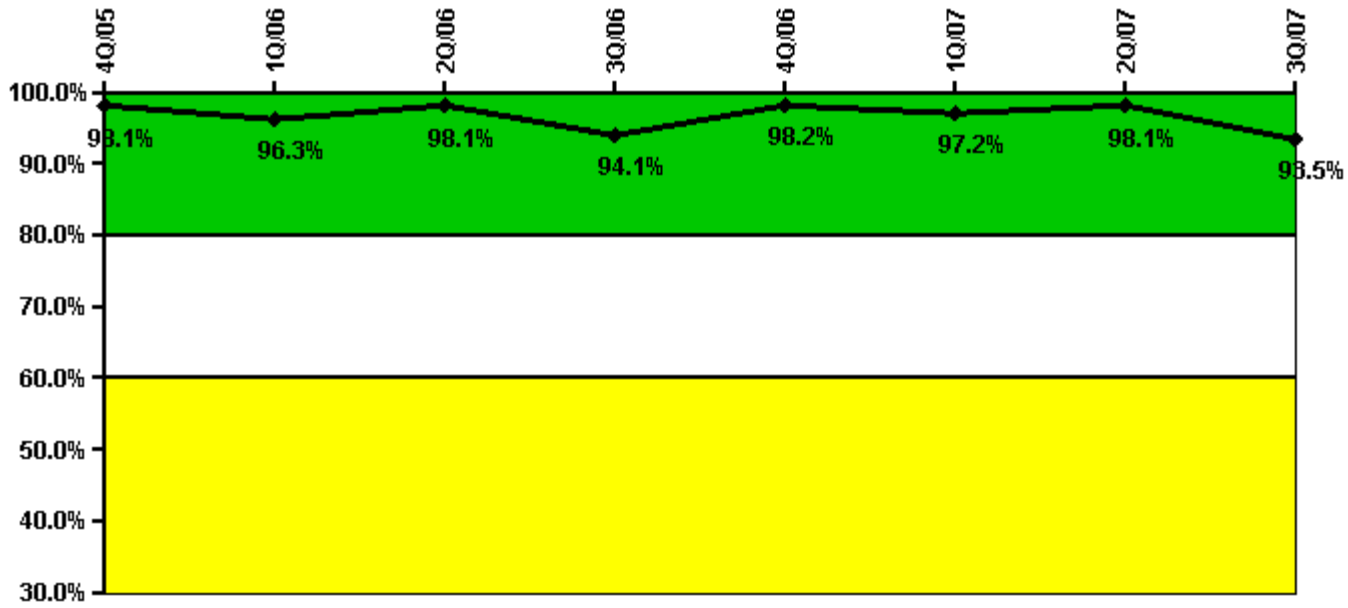
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	7.0	20.0	10.0	7.0	26.0	0	13.0	18.0
Total opportunities	8.0	22.0	10.0	7.0	28.0	0	13.0	18.0
Indicator value	97.3%	96.5%	96.7%	96.9%	95.7%	95.7%	95.7%	95.3%

Licensee Comments: none

ERO Drill Participation



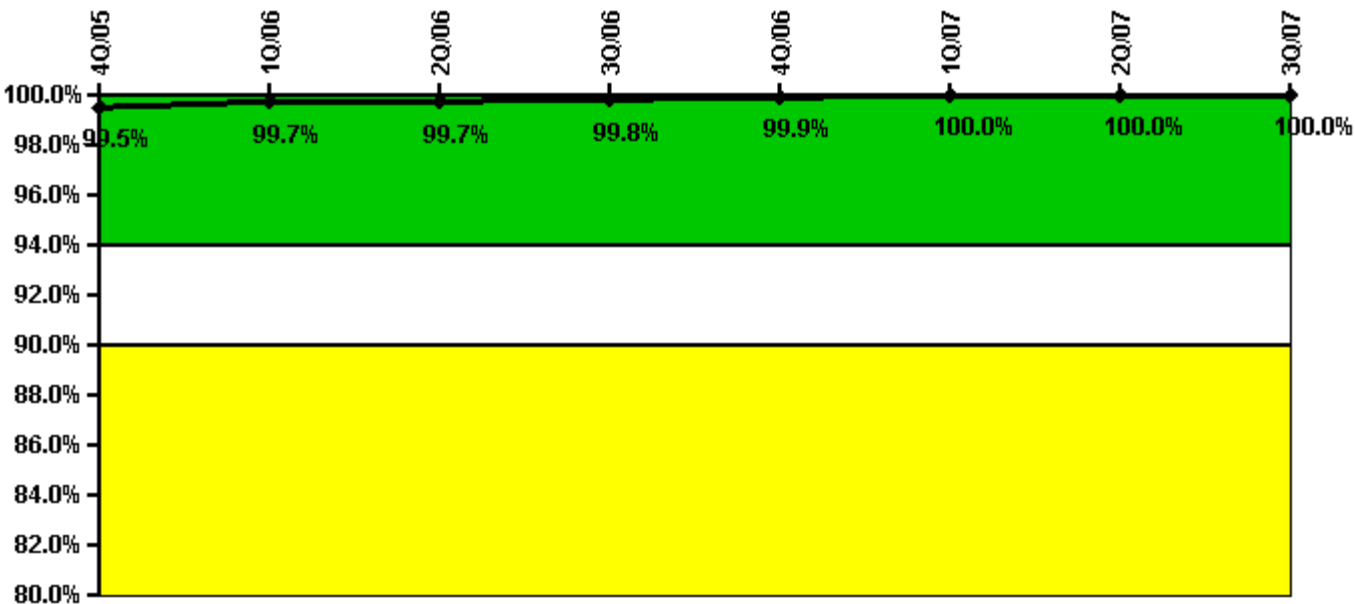
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	104.0	103.0	104.0	95.0	108.0	104.0	105.0	101.0
Total Key personnel	106.0	107.0	106.0	101.0	110.0	107.0	107.0	108.0
Indicator value	98.1%	96.3%	98.1%	94.1%	98.2%	97.2%	98.1%	93.5%

Licensee Comments: none

Alert & Notification System



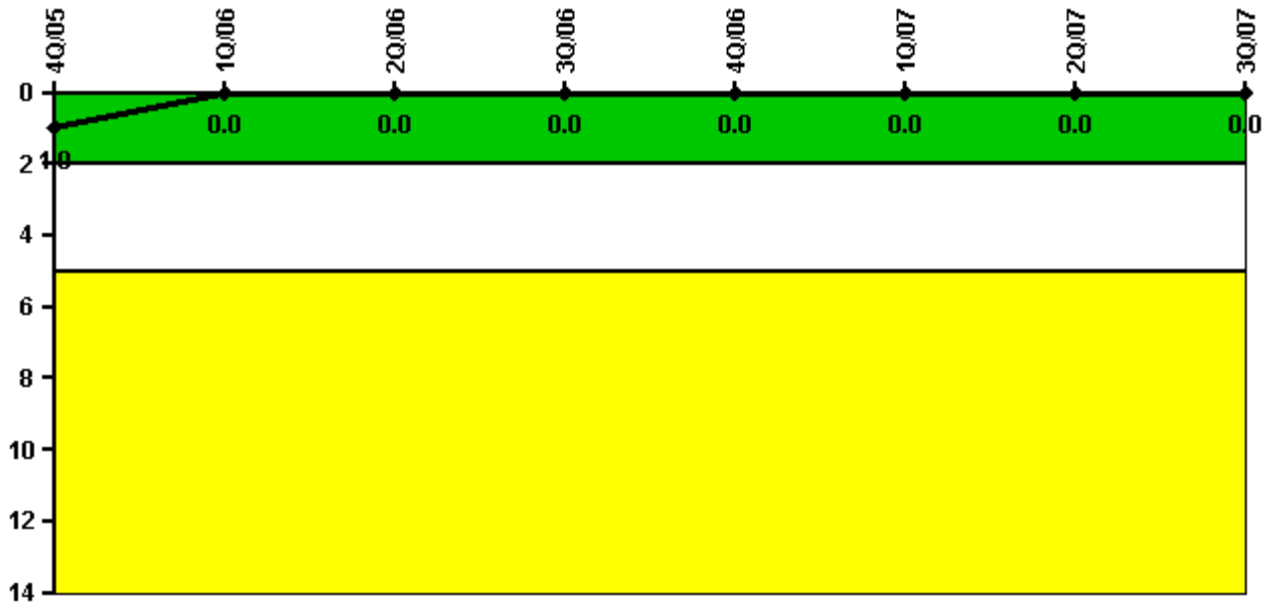
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	539	502	503	504	560	532	532	532
Total sirens-tests	540	504	504	504	560	532	532	532
Indicator value	99.5%	99.7%	99.7%	99.8%	99.9%	100.0%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



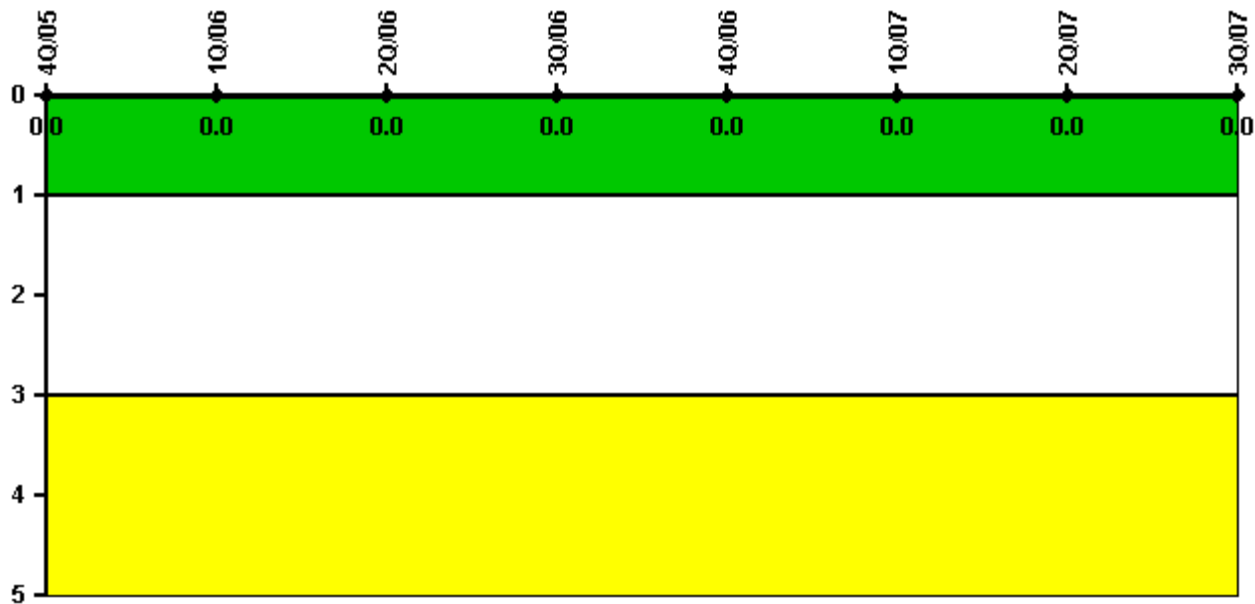
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
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	1	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/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
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.