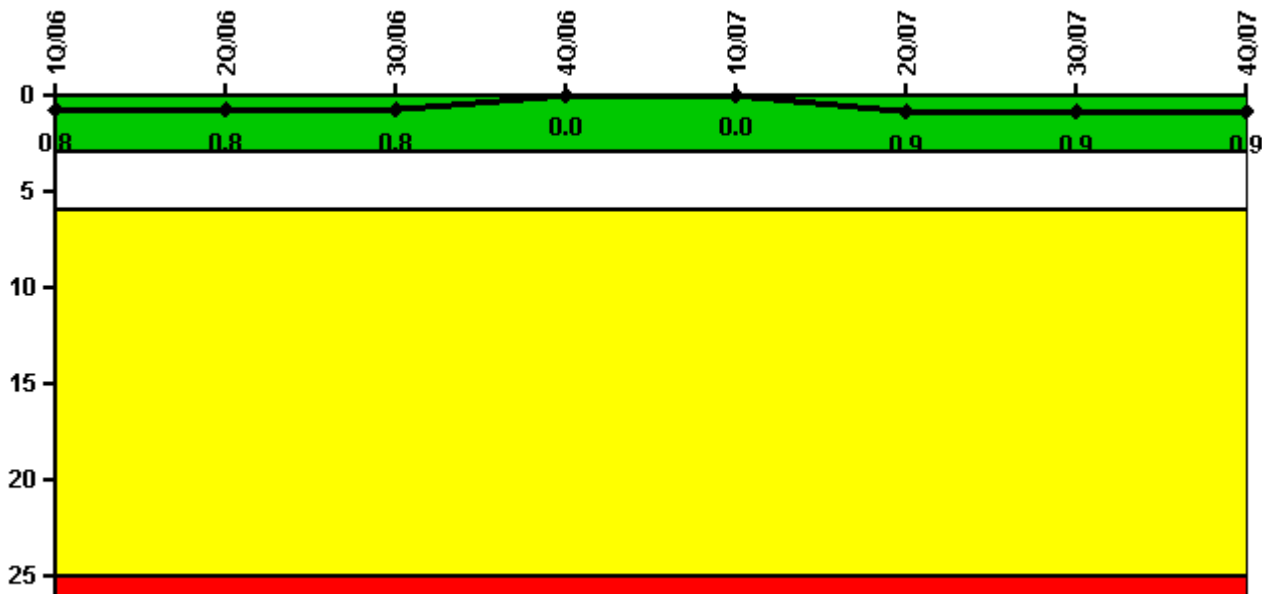


Limerick 2

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



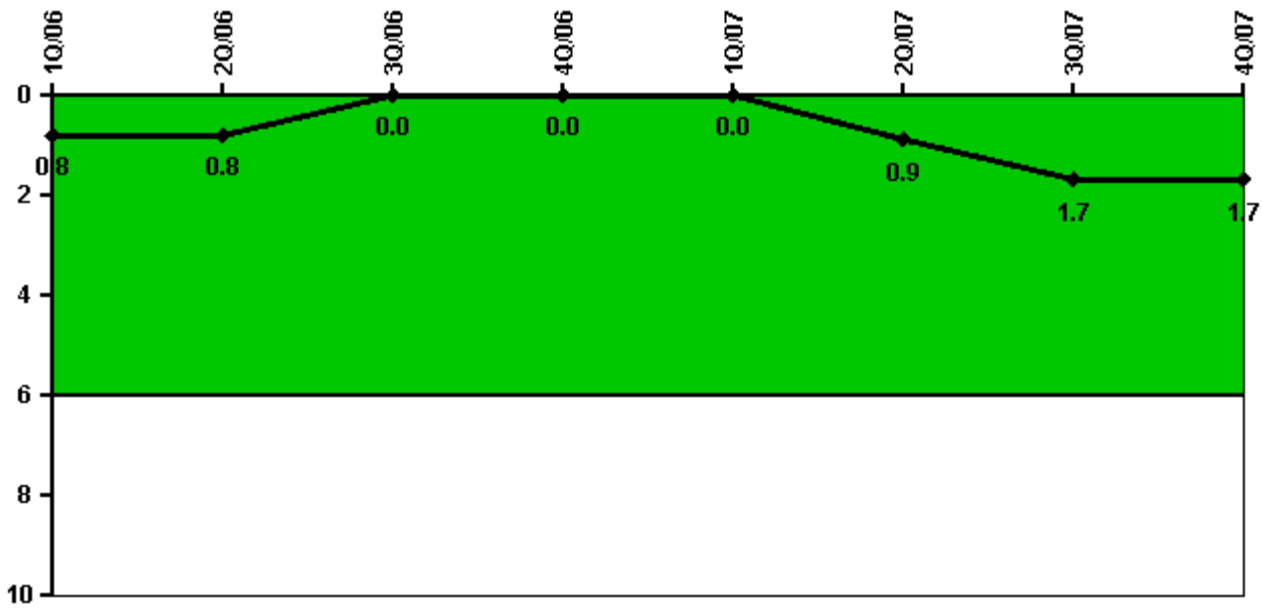
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2123.5	2183.0	2208.0	2209.0	1661.0	2044.8	2208.0	2209.0
Indicator value	0.8	0.8	0.8	0	0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



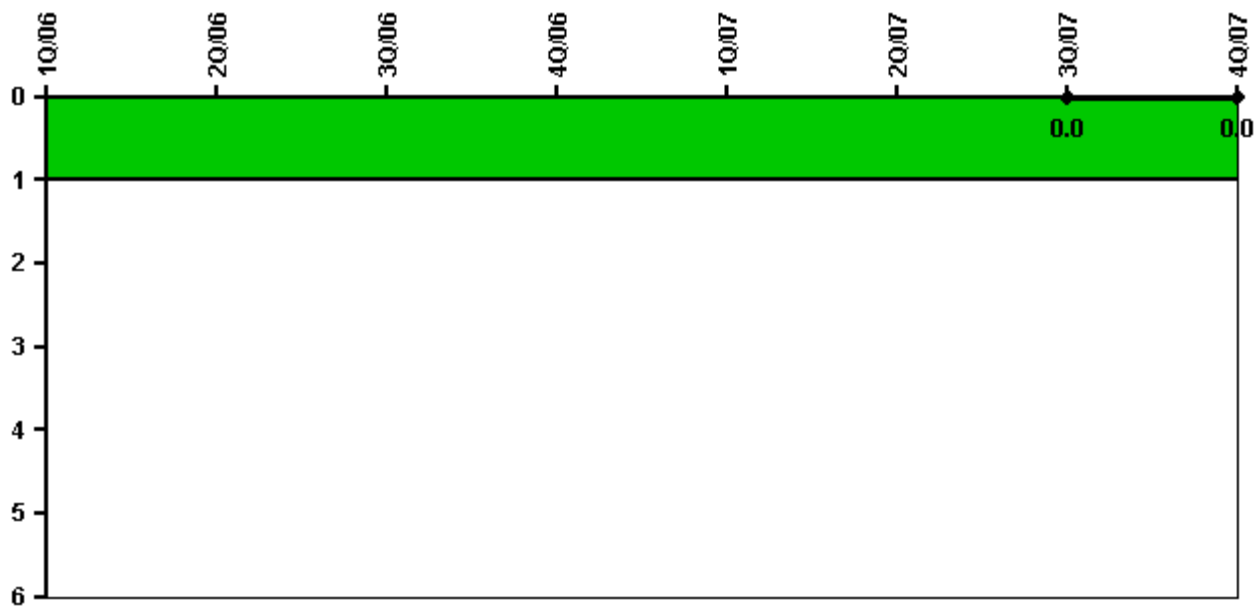
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	0	0	0	0	0	1.0	1.0	0
Critical hours	2123.5	2183.0	2208.0	2209.0	1661.0	2044.8	2208.0	2209.0
Indicator value	0.8	0.8	0	0	0	0.9	1.7	1.7

Licensee Comments: none

Unplanned Scrams with Complications



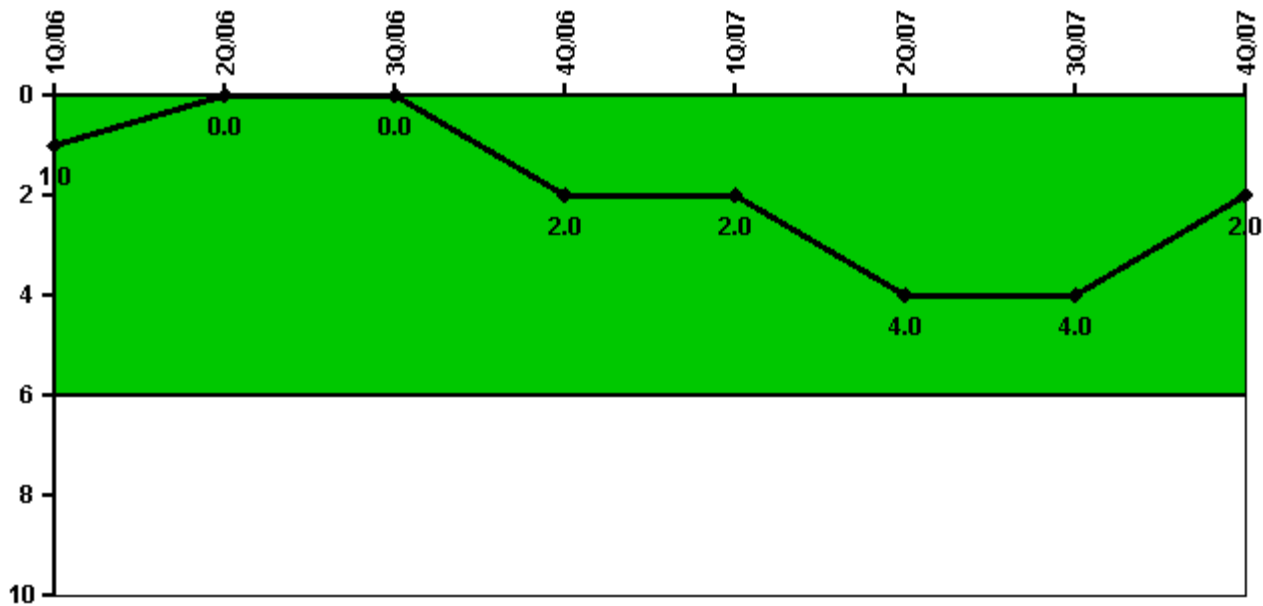
Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)



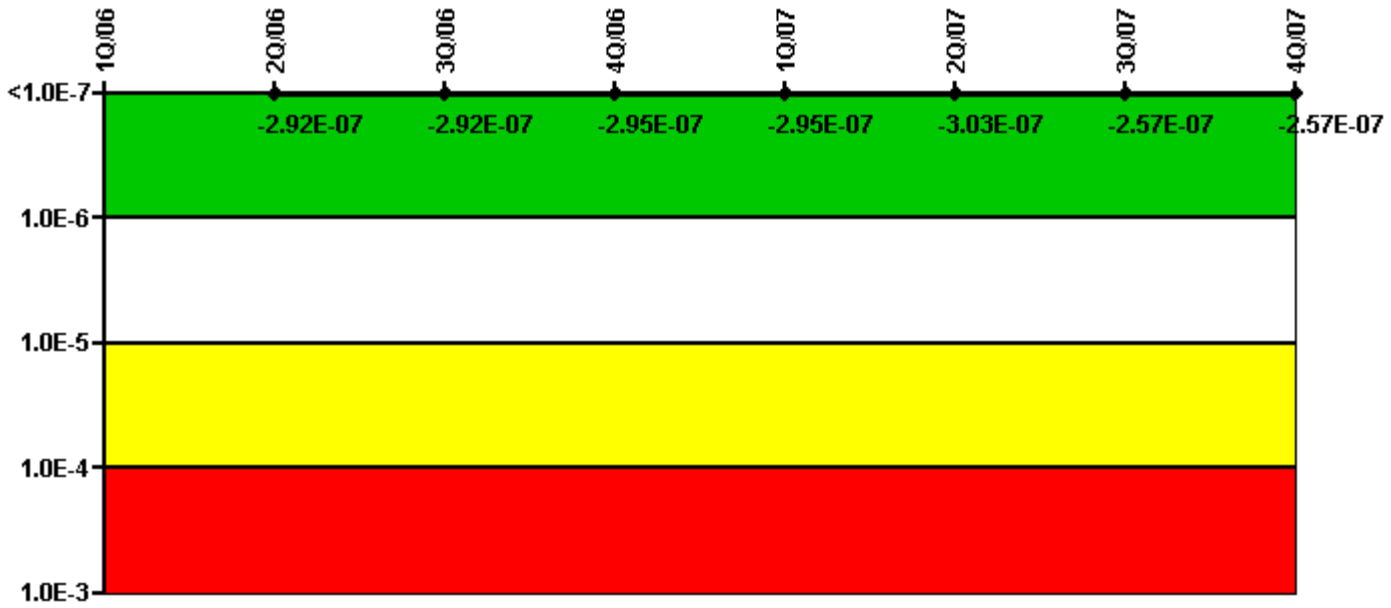
Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



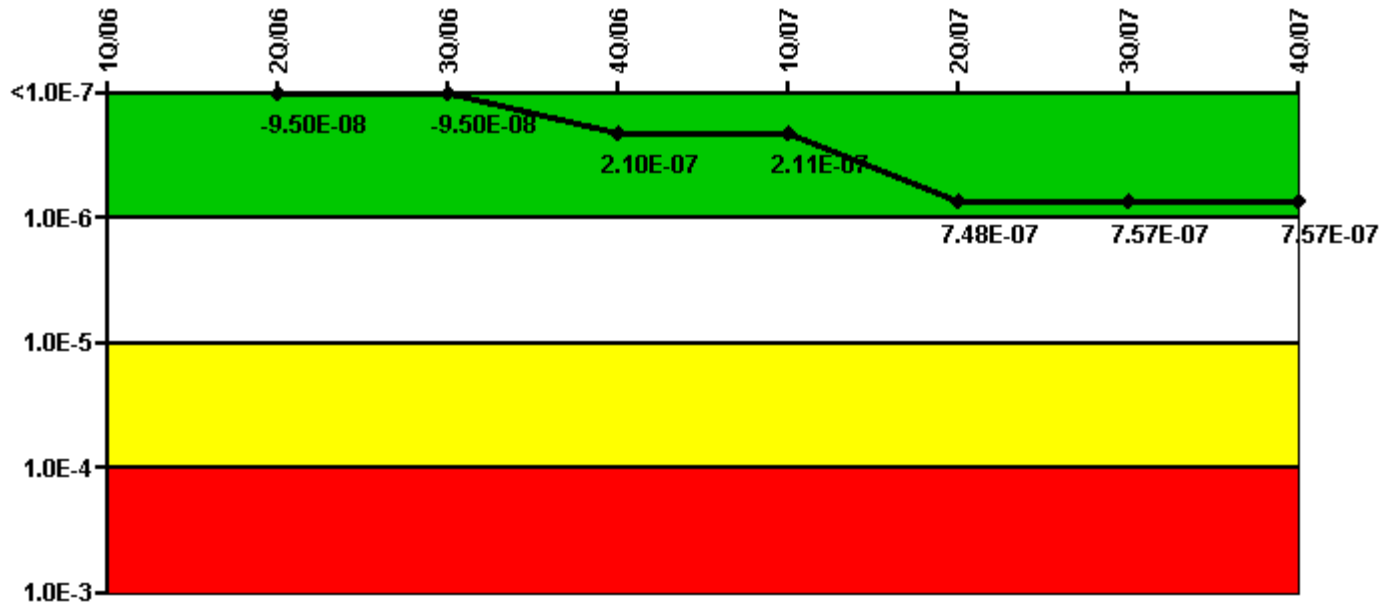
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		$8.30E-09$	$8.20E-09$	$5.00E-09$	$4.80E-09$	$-3.40E-09$	$3.10E-09$	$3.10E-09$
URI (Δ CDF)		$-3.00E-07$	$-3.00E-07$	$-3.00E-07$	$-3.00E-07$	$-3.00E-07$	$-2.60E-07$	$-2.60E-07$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-2.92E-07$	$-2.92E-07$	$-2.95E-07$	$-2.95E-07$	$-3.03E-07$	$-2.57E-07$	$-2.57E-07$

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



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

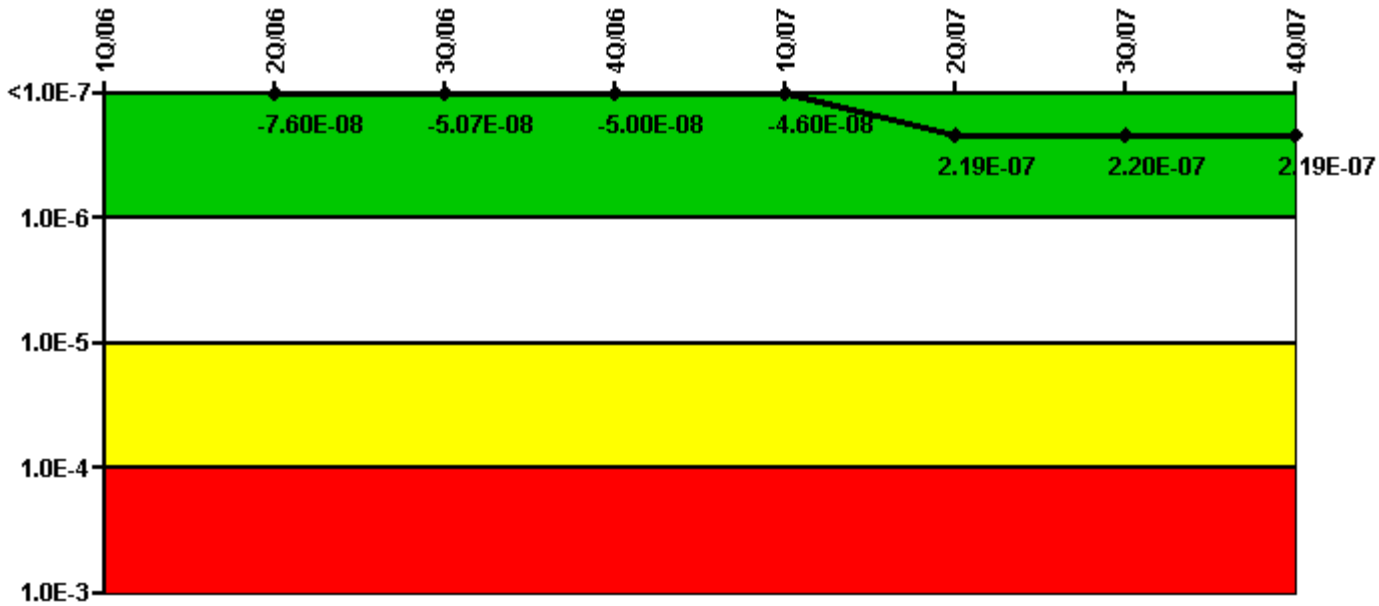
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (ΔCDF)		-4.30E-08	-4.30E-08	-1.00E-08	-9.40E-09	7.90E-09	1.70E-08	1.70E-08
URI (ΔCDF)		-5.20E-08	-5.20E-08	2.20E-07	2.20E-07	7.40E-07	7.40E-07	7.40E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-9.50E-08	-9.50E-08	2.10E-07	2.11E-07	7.48E-07	7.57E-07	7.57E-07

Licensee Comments:

2Q/06: 1-22-08- April 2007 data correction- HV-055-2F001 ESF Demands changed from "2" to "1" ESF demand HV-056-2F059 ESF Demands from "2" to "1" . No significant change in URI and no color change occurred.

Mitigating Systems Performance Index, Heat Removal System



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

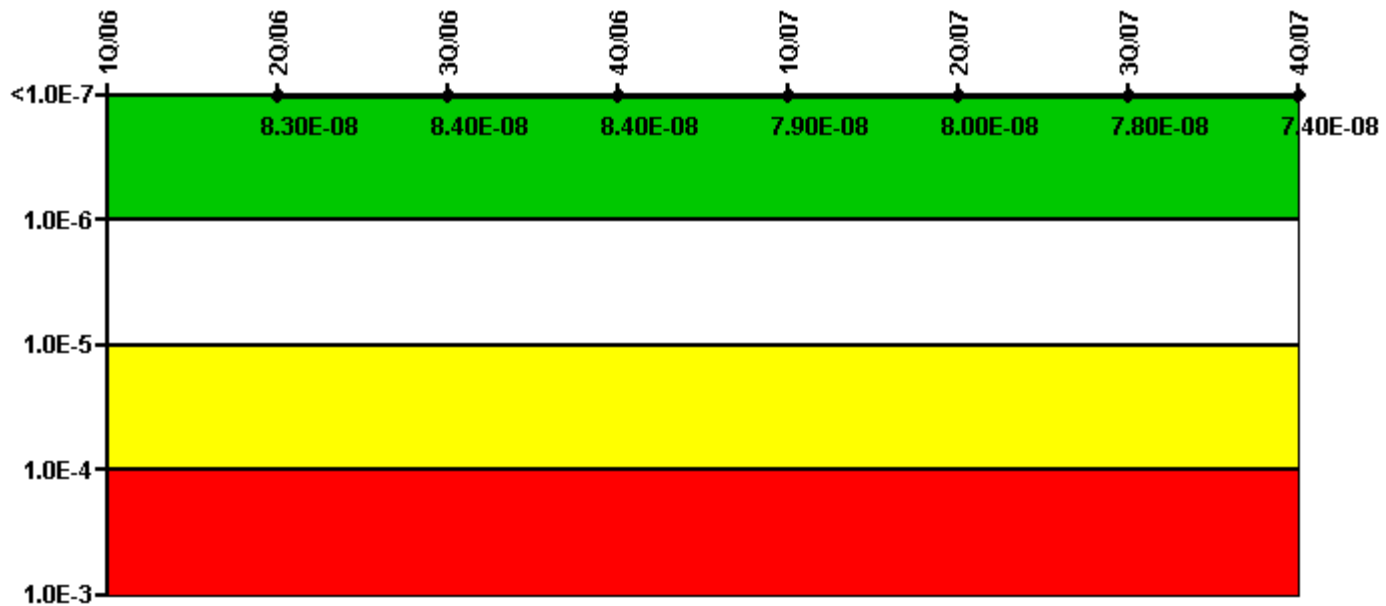
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		$-2.90E-08$	$-3.70E-09$	$-3.00E-09$	$1.00E-09$	$1.90E-08$	$2.00E-08$	$1.90E-08$
URI (Δ CDF)		$-4.70E-08$	$-4.70E-08$	$-4.70E-08$	$-4.70E-08$	$2.00E-07$	$2.00E-07$	$2.00E-07$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$-7.60E-08$	$-5.07E-08$	$-5.00E-08$	$-4.60E-08$	$2.19E-07$	$2.20E-07$	$2.19E-07$

Licensee Comments:

2Q/06: 1.22.08- April 2007 data correction- Unit 2 RCIC System- HV-049-2F013 ESF Demands changed from "2" to "1" ; HV-050-2F045 ESF Demands changed from "2" to "1" ; HV-050-2F046 ESF Demands changed from "2" to "1". No significant change in URI and no color occurred.

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/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		$1.30E-08$	$1.30E-08$	$1.40E-08$	$1.40E-08$	$1.80E-08$	$2.00E-08$	$1.90E-08$
URI (Δ CDF)		$7.00E-08$	$7.10E-08$	$7.00E-08$	$6.50E-08$	$6.20E-08$	$5.80E-08$	$5.50E-08$
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		$8.30E-08$	$8.40E-08$	$8.40E-08$	$7.90E-08$	$8.00E-08$	$7.80E-08$	$7.40E-08$

Licensee Comments:

4Q/07: 1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as $4.0E-3$ and was changed to $4.0E-4$

3Q/07: Changed PRA Parameter(s). 1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as $4.0E-3$ and was changed to $4.0E-4$

2Q/07: Changed PRA Parameter(s). 1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as $4.0E-3$ and was changed to $4.0E-4$

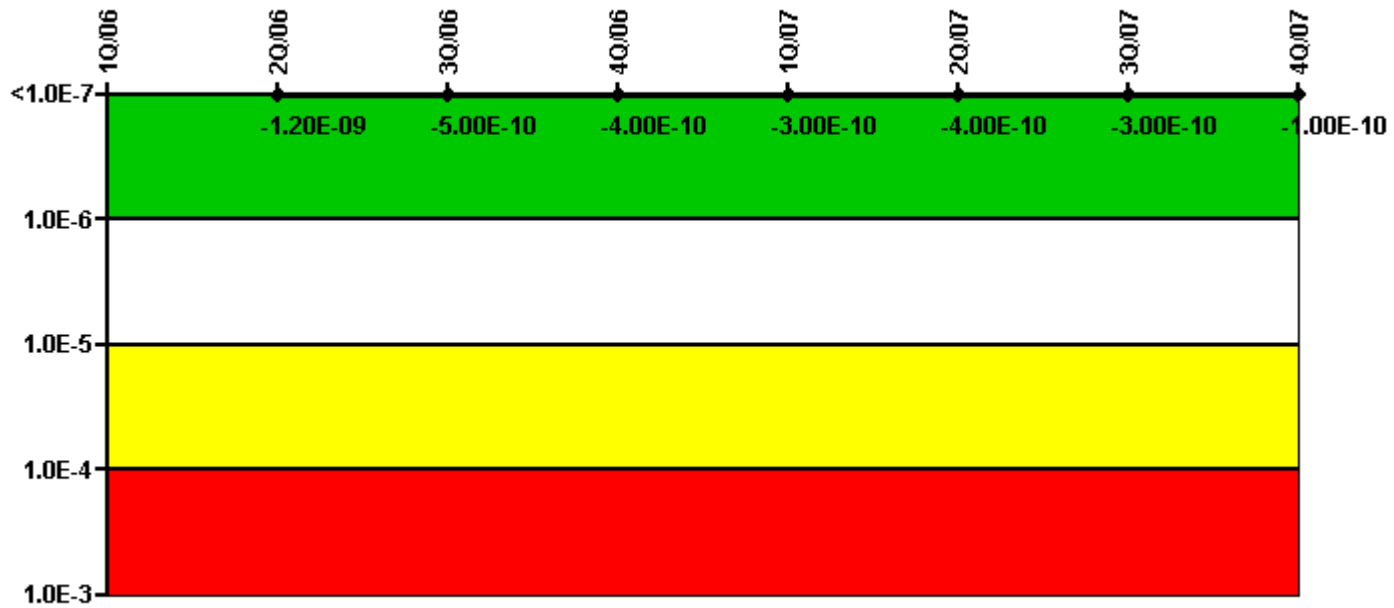
1Q/07: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. Discussions of the issue with the Limerick SRI and NRC Region 1 personnel resulted in no FAQ required and that the data should remain as submitted with no further action. 1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as $4.0E-3$ and was changed to $4.0E-4$.

4Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change....1/22/08- October 2006 2A RHR unavailability was incorrectly captured as a 2B RHR unavailability- These values were corrected with no color change, or significant change to MSPI UAI for RHR1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as $4.0E-3$ and was changed to $4.0E-4$

3Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change....1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as 4.0E-3 and was changed to 4.0E-4.

2Q/06: Changed PRA Parameter(s). Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change;...1/22/08- Error Corrections-Baseline RHR unplanned unavailability for 2B Heat Exchanger, 2C Pump, and 2D Pump incorrectly entered in CDE as 4.0E-3 and was changed to 4.0E-4. ...1/22/08-May 2007- corrected 2A RHR 26 hours of unavailability which was incorrectly recorded as 2 hours of unavailability

Mitigating Systems Performance Index, Cooling Water Systems



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

Notes

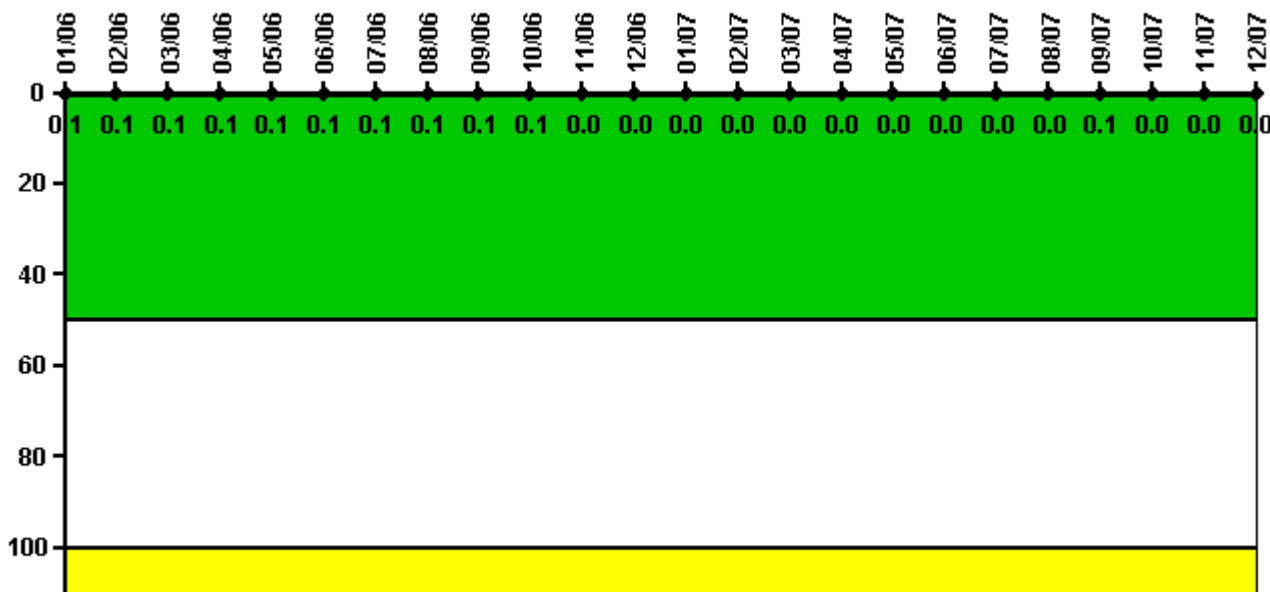
Mitigating Systems Performance Index, Cooling Water Systems	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		2.00E-09	2.80E-09	2.80E-09	2.90E-09	2.70E-09	2.80E-09	3.00E-09
URI (Δ CDF)		-3.20E-09	-3.30E-09	-3.20E-09	-3.20E-09	-3.10E-09	-3.10E-09	-3.10E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		-1.20E-09	-5.00E-10	-4.00E-10	-3.00E-10	-4.00E-10	-3.00E-10	-1.00E-10

Licensee Comments:

2Q/06: Demand and Run hours were changed to address corrections and clarifications discovered during the NRC TI

inspection and internal data reviews during the 4Q06. No PRA FV-factors or CDF values, color change, or significant change to MSPI UAI or URI resulted from this correction. An FAQ will be submitted during 2Q07 to describe the details of this change...1/22/08- June 2007 ESW data corrected "B" ESW pump unavailability hours changed from 3.6 hours to 20 hours of unavailability. No significant change in UAI and no color change occurred.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

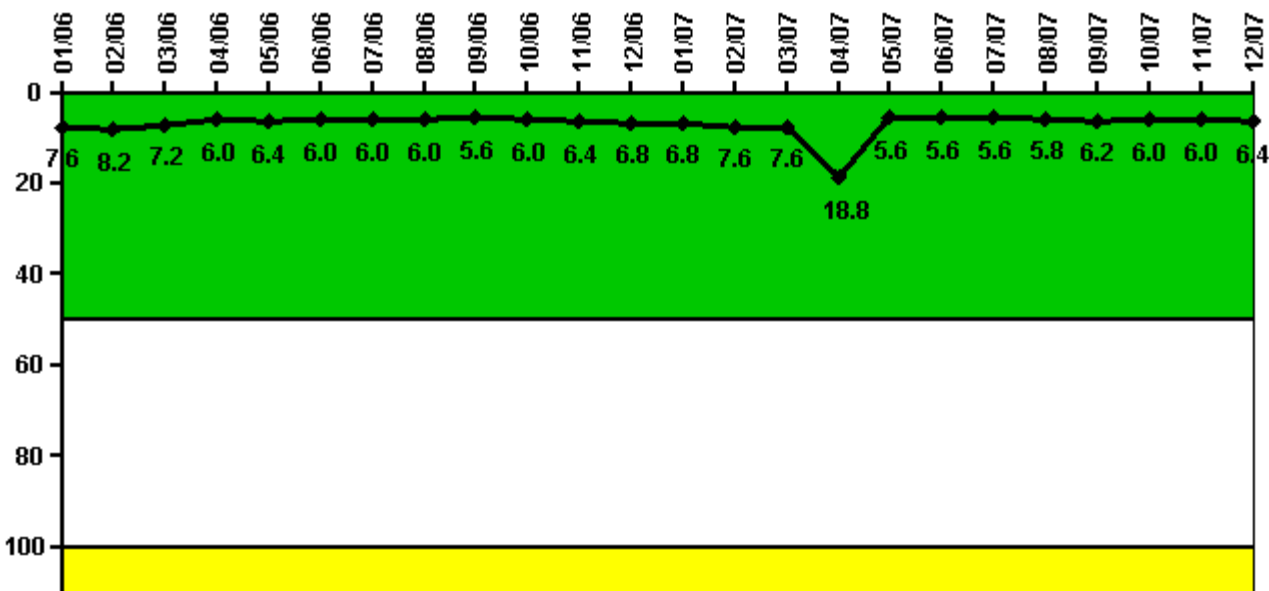
Notes

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	0.000105	0.000108	0.000132	0.000140	0.000200	0.000187	0.000128	0.000140	0.000123	0.000123	0.000081	0.000076
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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0	0

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	0.000073	0.000081	0.000069	0.000035	0.000039	0.000032	0.000031	0.000029	0.000165	0.000032	0.000025	0.000022
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	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

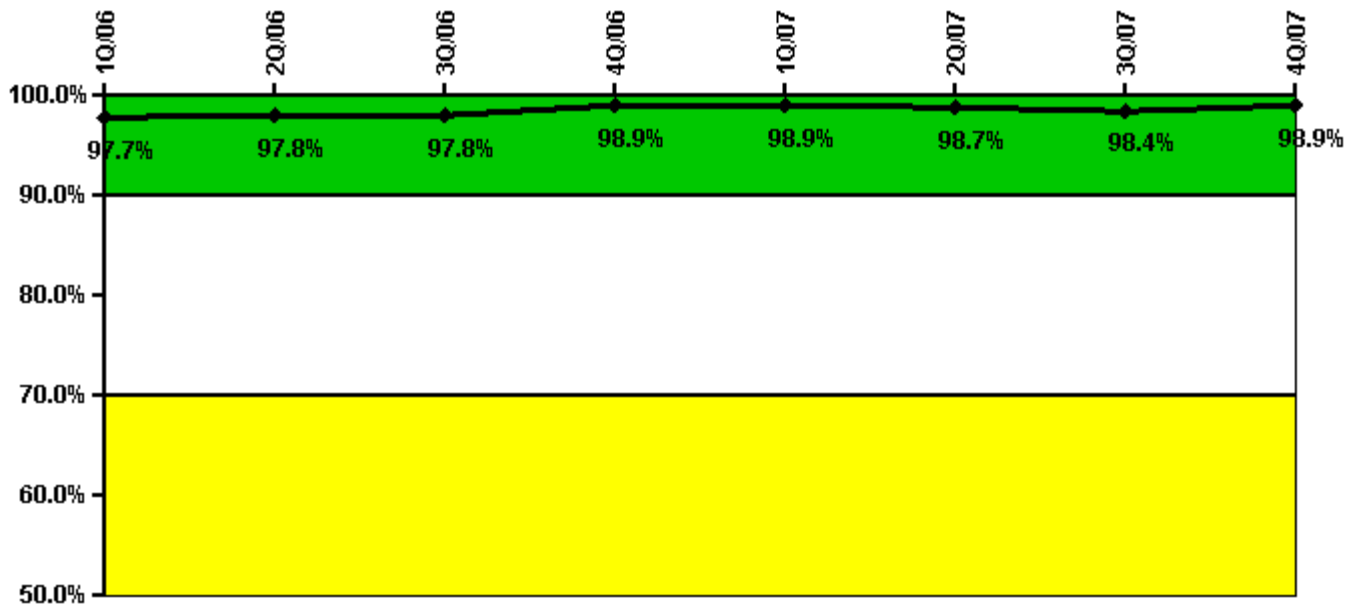
Notes

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	1.900	2.050	1.800	1.500	1.600	1.500	1.500	1.500	1.400	1.500	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	7.6	8.2	7.2	6.0	6.4	6.0	6.0	6.0	5.6	6.0	6.4	6.8

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	1.700	1.900	1.900	4.700	1.400	1.400	1.400	1.450	1.550	1.500	1.500	1.600
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	6.8	7.6	7.6	18.8	5.6	5.6	5.6	5.8	6.2	6.0	6.0	6.4

Licensee Comments: none

Drill/Exercise Performance



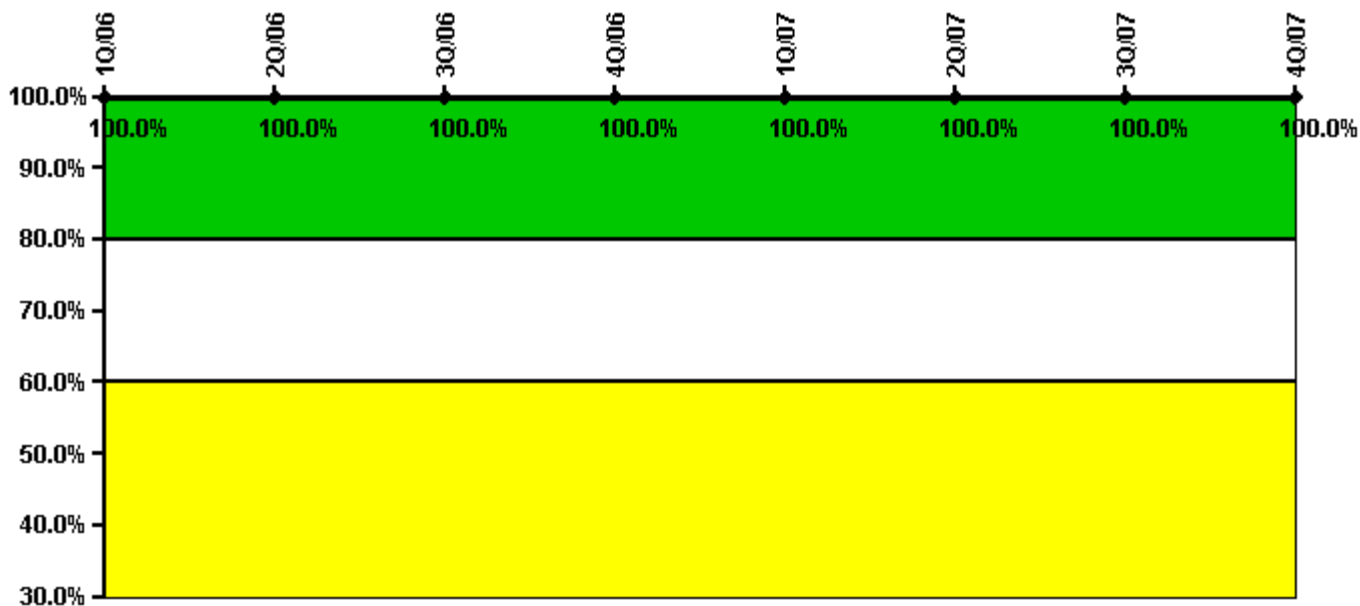
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	16.0	54.0	36.0	58.0	10.0	71.0	37.0	0
Total opportunities	16.0	55.0	36.0	58.0	10.0	72.0	38.0	0
Indicator value	97.7%	97.8%	97.8%	98.9%	98.9%	98.7%	98.4%	98.9%

Licensee Comments: none

ERO Drill Participation



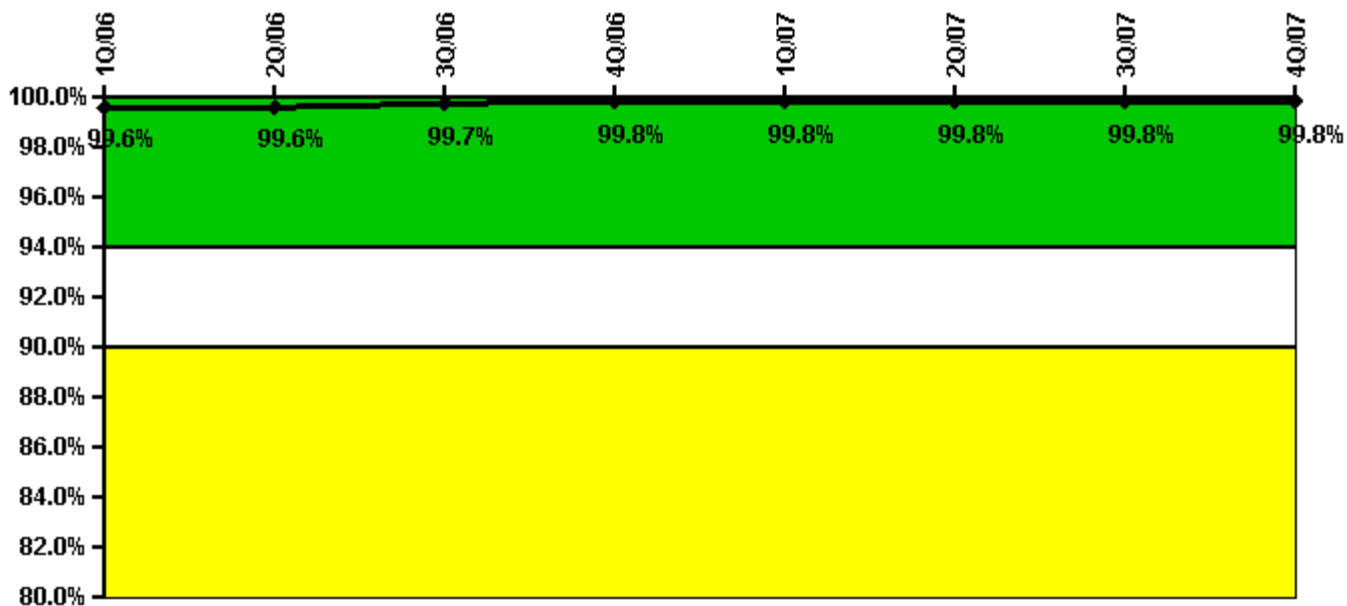
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	67.0	69.0	69.0	69.0	72.0	69.0	68.0	69.0
Total Key personnel	67.0	69.0	69.0	69.0	72.0	69.0	68.0	69.0
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/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	2138	2138	2140	2143	2140	2139	2143	2305
Total sirens-tests	2145	2145	2145	2145	2145	2145	2145	2310
Indicator value	99.6%	99.6%	99.7%	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/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/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	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/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/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.