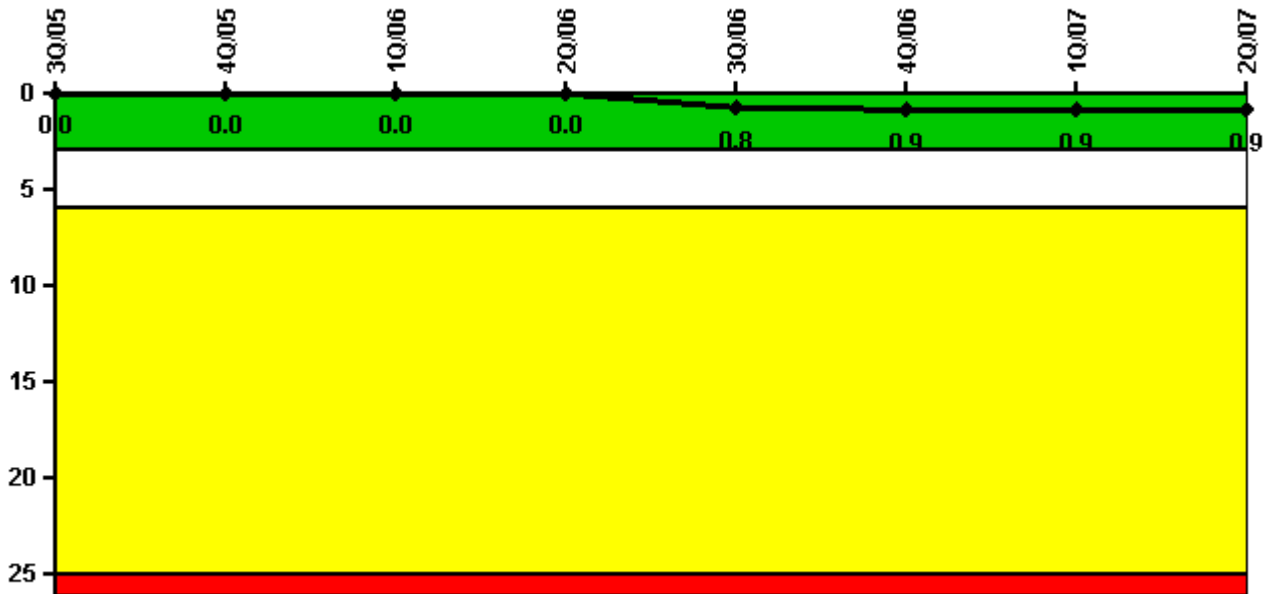


Palo Verde 2

2Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



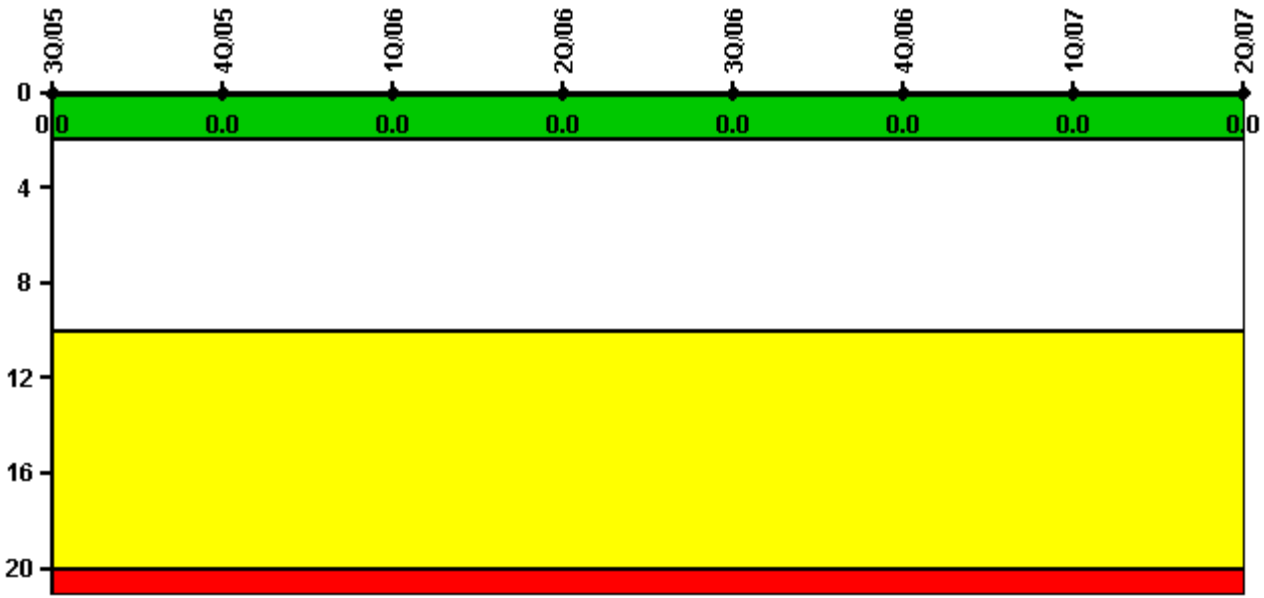
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2130.7	2005.6	2160.0	2131.7	2147.5	1170.1	2016.8	2184.0
Indicator value	0	0	0	0	0.8	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



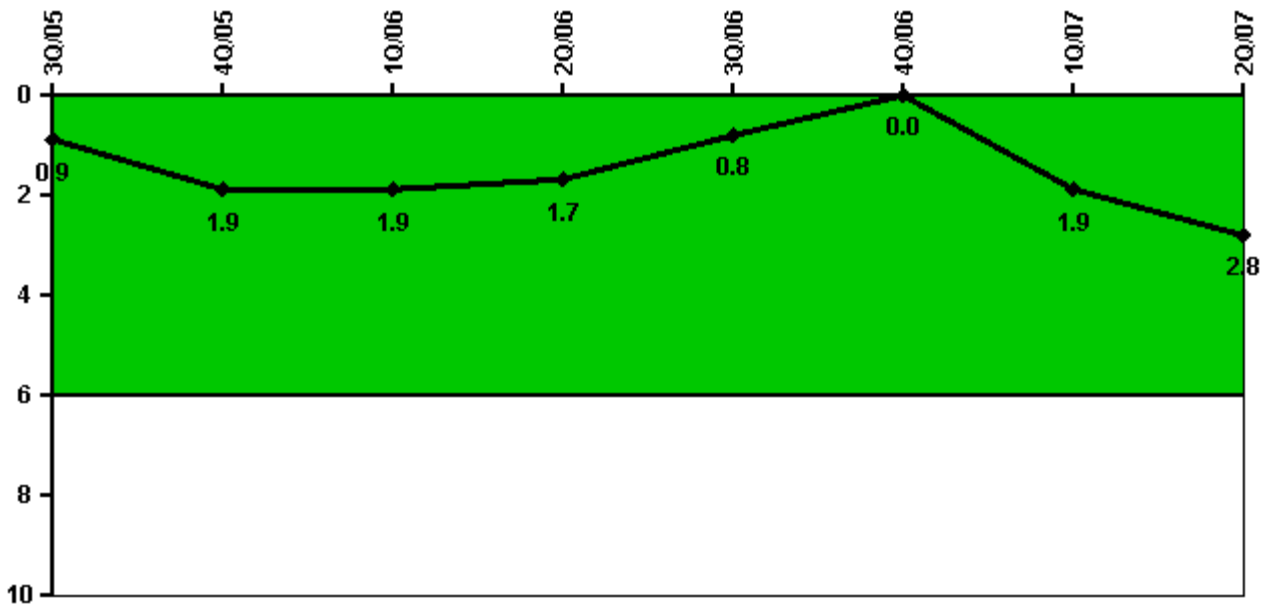
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



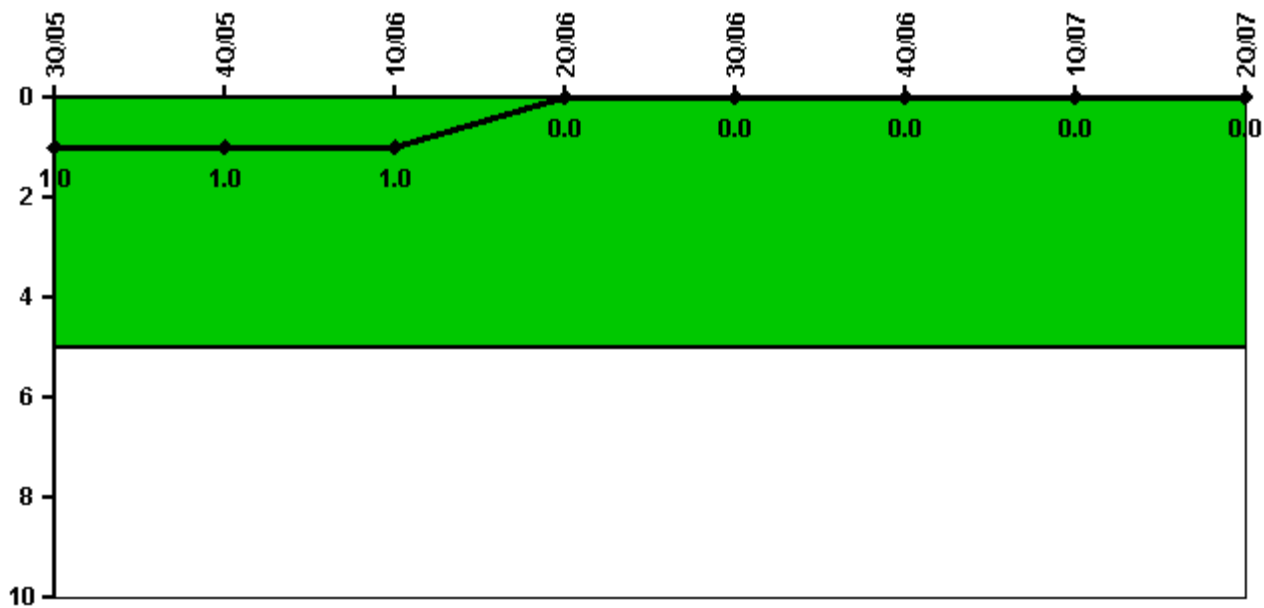
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	1.0	1.0	0	0	0	0	2.0	1.0
Critical hours	2130.7	2005.6	2160.0	2131.7	2147.5	1170.1	2016.8	2184.0
Indicator value	0.9	1.9	1.9	1.7	0.8	0	1.9	2.8

Licensee Comments: none

Safety System Functional Failures (PWR)



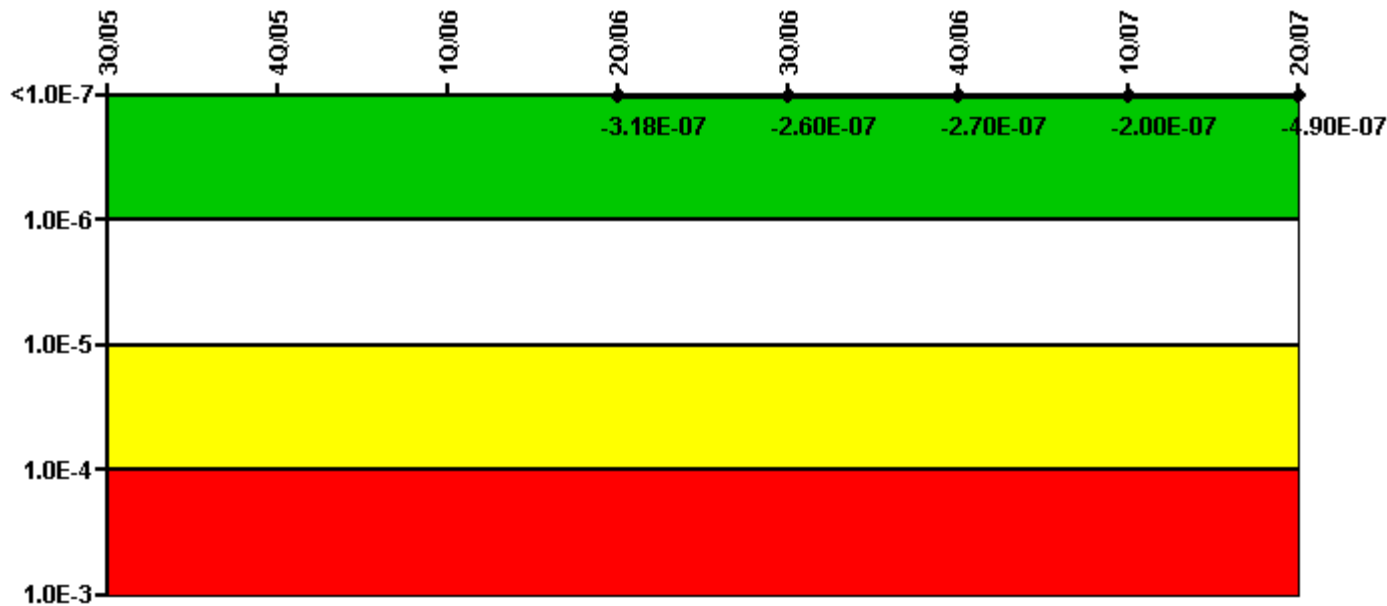
Thresholds: White > 5.0

Notes

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

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

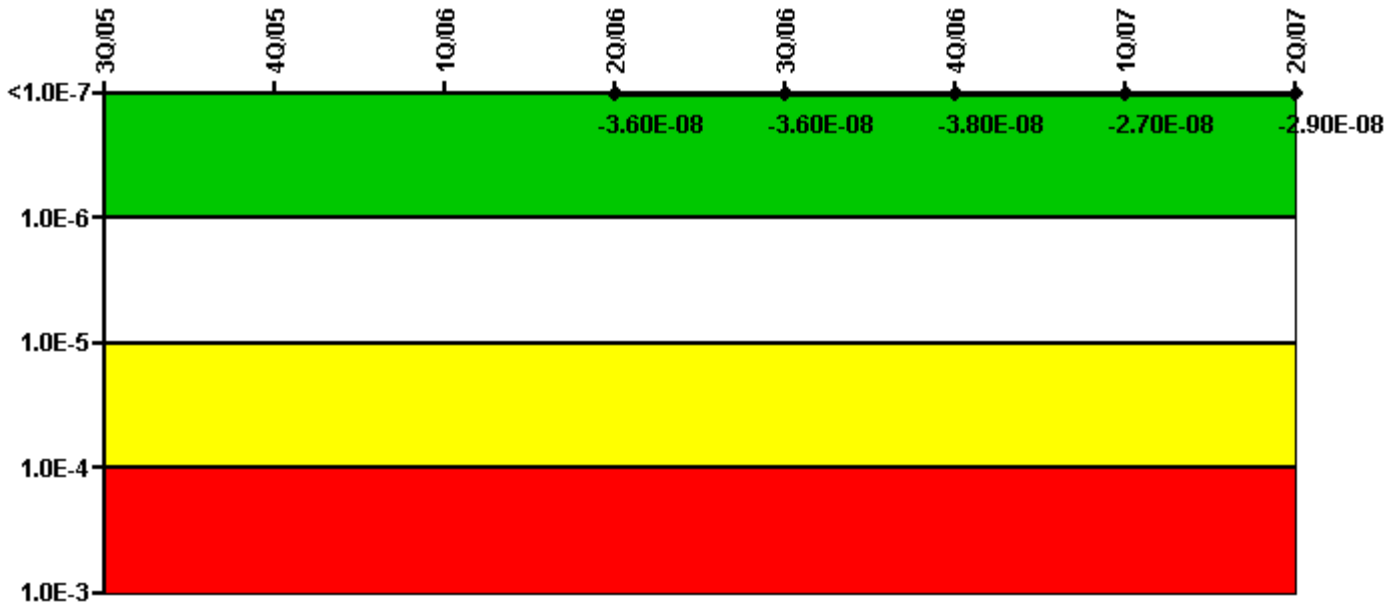
Mitigating Systems Performance Index, Emergency AC Power System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				7.20E-08	1.20E-07	1.10E-07	1.80E-07	1.60E-07
URI (Δ CDF)				-3.90E-07	-3.80E-07	-3.80E-07	-3.80E-07	-6.50E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-3.18E-07	-2.60E-07	-2.70E-07	-2.00E-07	-4.90E-07

Licensee Comments:

2Q/07: First Quarter 2007 Emergency AC Power comment resolved: Evaluation of November 2005 partial fouling of the Unit 2 B EDG fuel oil strainer did not result in a MSPI failure to run. No change to data.

1Q/07: Unreported November 2005 partial fouling of the Unit 2 B EDG fuel oil strainer is being reviewed against MSPI failure criteria.

Mitigating Systems Performance Index, High Pressure Injection System



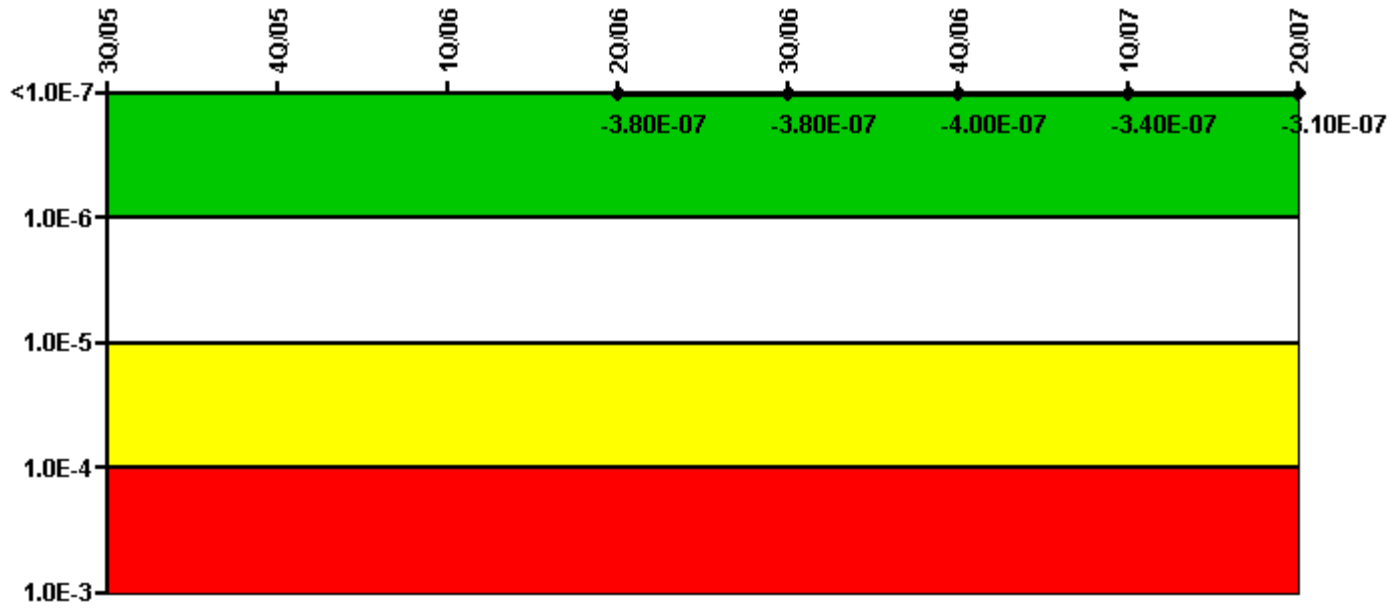
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				3.80E-08	3.80E-08	3.60E-08	4.70E-08	4.50E-08
URI (Δ CDF)				-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08	-7.40E-08
PLE				NO	NO	NO	NO	NO
Indicator value				-3.60E-08	-3.60E-08	-3.80E-08	-2.70E-08	-2.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



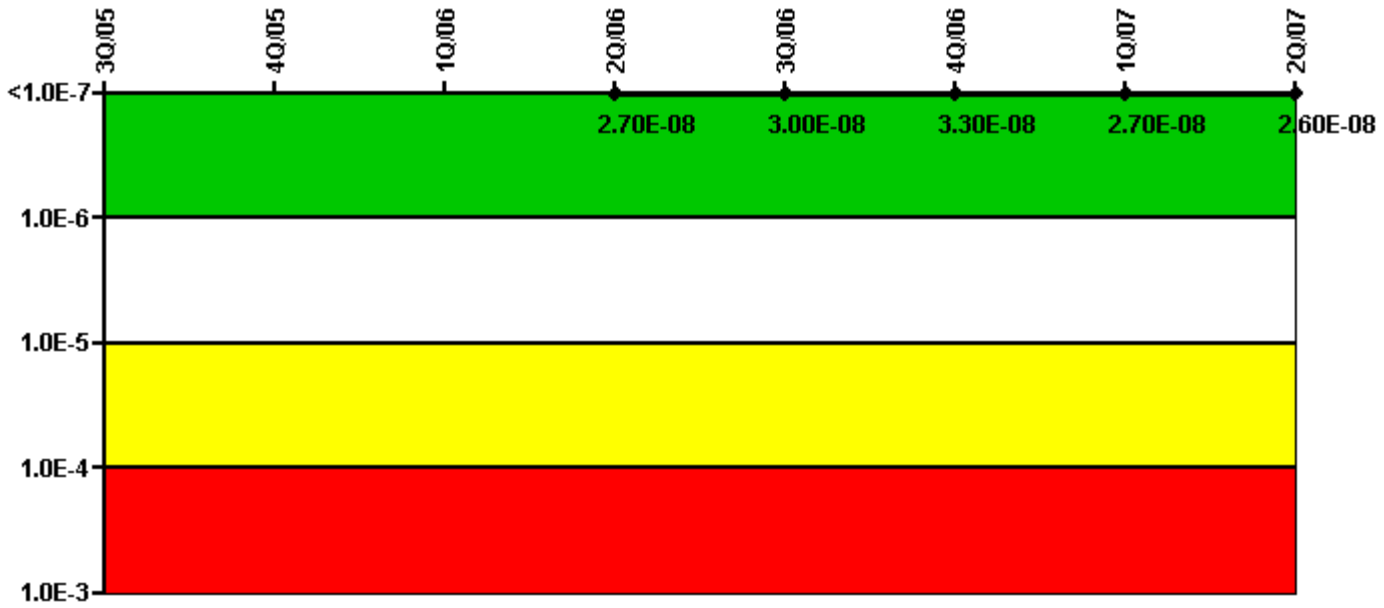
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				2.30E-07	2.30E-07	2.10E-07	2.70E-07	2.90E-07
URI (Δ CDF)				-6.10E-07	-6.10E-07	-6.10E-07	-6.10E-07	-6.00E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-3.80E-07	-3.80E-07	-4.00E-07	-3.40E-07	-3.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



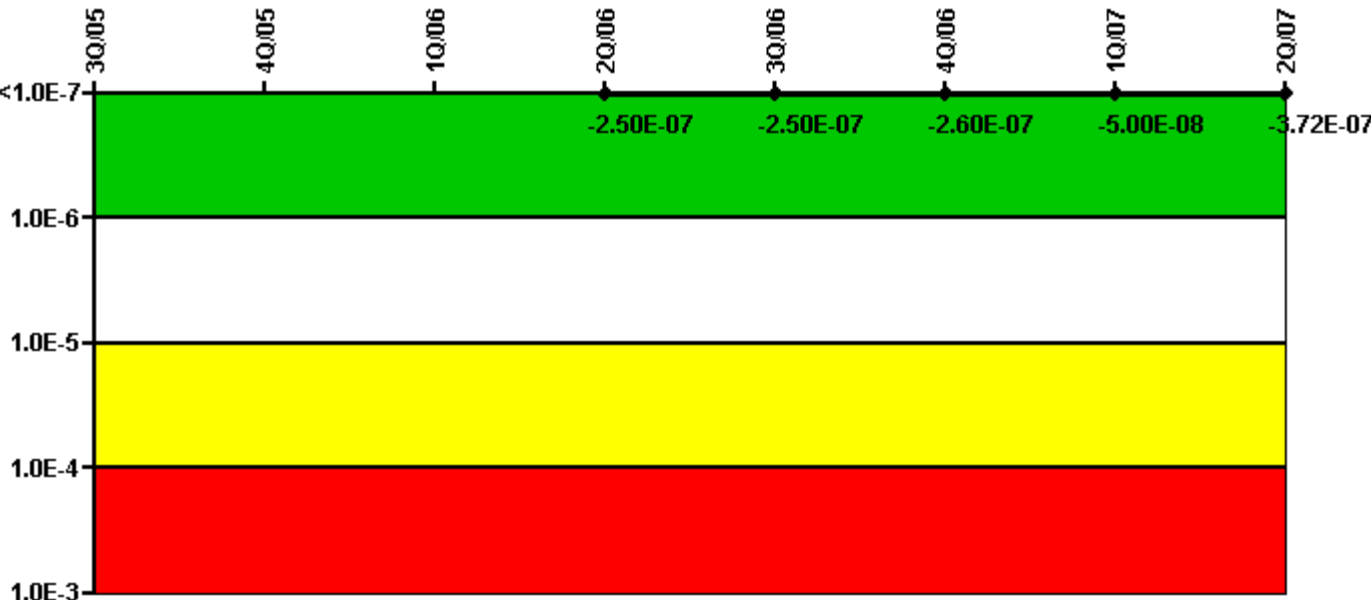
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				1.40E-08	1.70E-08	2.00E-08	1.40E-08	1.30E-08
URI (Δ CDF)				1.30E-08	1.30E-08	1.30E-08	1.30E-08	1.30E-08
PLE				NO	NO	NO	NO	NO
Indicator value				2.70E-08	3.00E-08	3.30E-08	2.70E-08	2.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



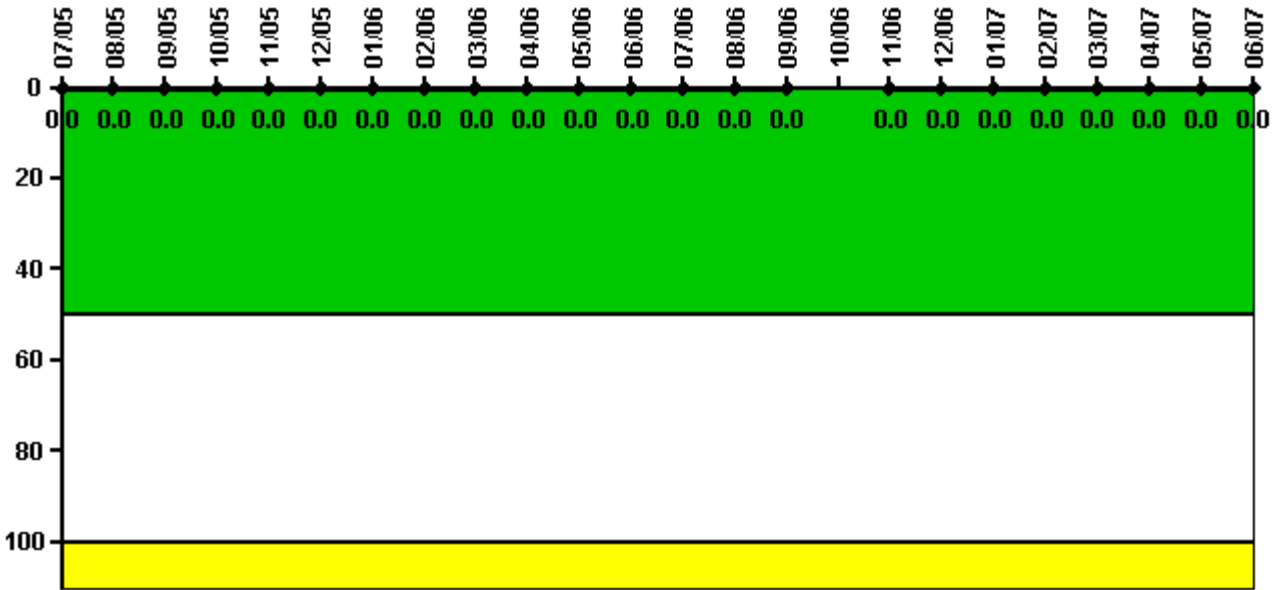
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				1.30E-07	1.30E-07	1.20E-07	3.30E-07	7.90E-09
URI (ΔCDF)				-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07	-3.80E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-2.50E-07	-2.50E-07	-2.60E-07	-5.00E-08	-3.72E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

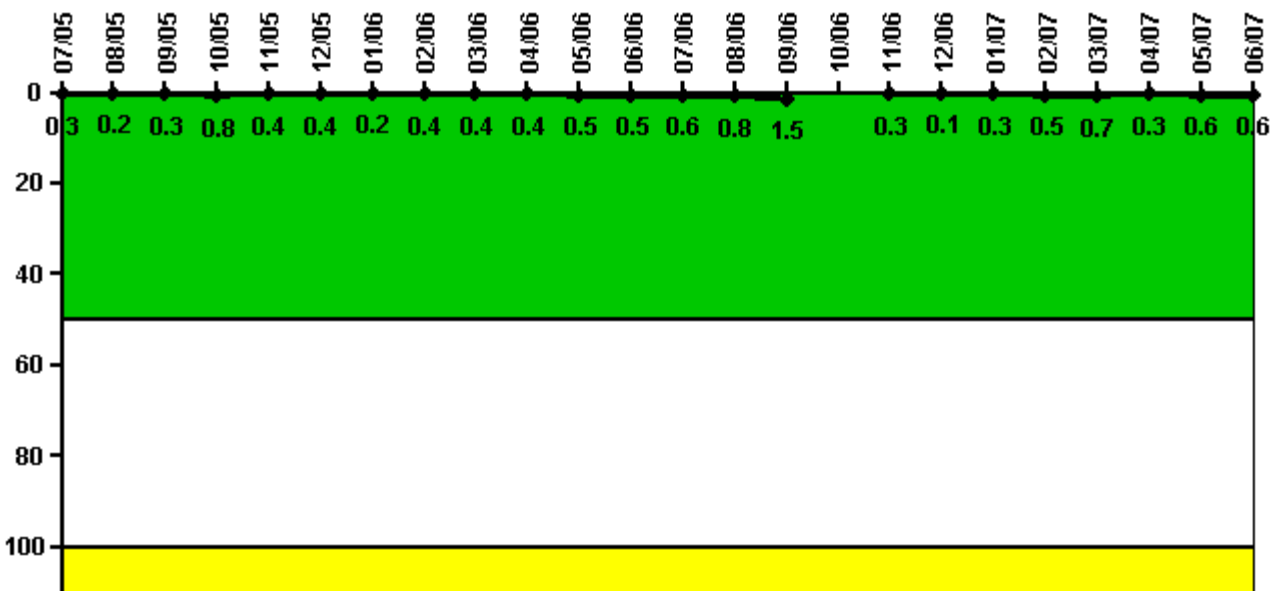
Notes

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.000227	0.000235	0.000267	0.000245	0.000253	0.000272	0.000263	0.000260	0.000269	0.000286	0.000299	0.000305
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	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity	0.000317	0.000314	0.000316	N/A	0.000201	0.000209	0.000244	0.000238	0.000219	0.000226	0.000227	0.000235
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	N/A	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

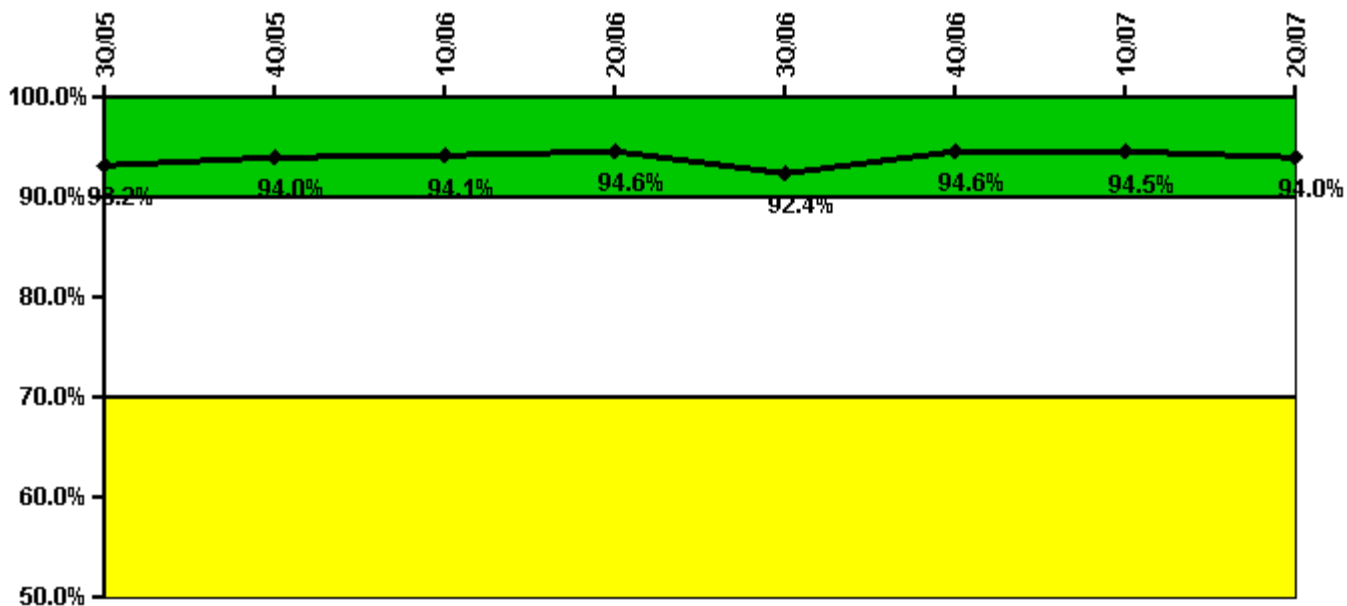
Notes

Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	0.033	0.024	0.027	0.079	0.036	0.038	0.024	0.036	0.035	0.042	0.046	0.054
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	0.3	0.2	0.3	0.8	0.4	0.4	0.2	0.4	0.4	0.4	0.5	0.5

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.058	0.083	0.152	N/A	0.030	0.013	0.030	0.049	0.070	0.028	0.063	0.055
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	0.6	0.8	1.5	N/A	0.3	0.1	0.3	0.5	0.7	0.3	0.6	0.6

Licensee Comments: none

Drill/Exercise Performance



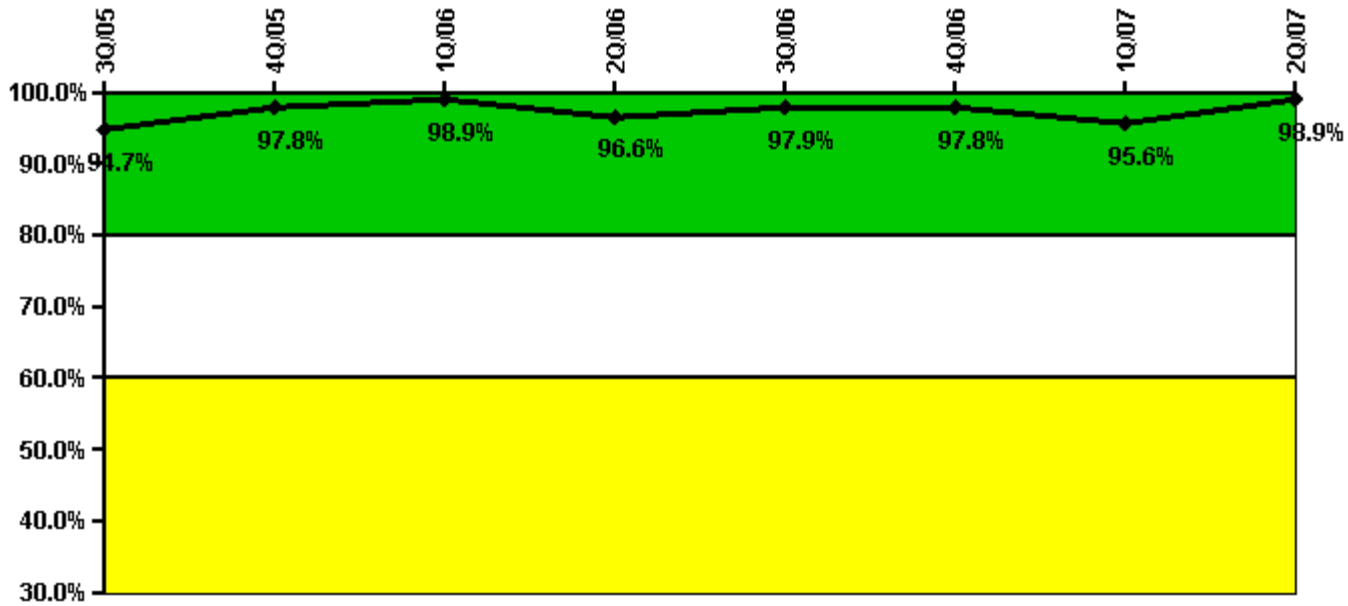
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	74.0	103.0	9.0	5.0	57.0	97.0	18.0	13.0
Total opportunities	79.0	104.0	11.0	5.0	64.0	102.0	19.0	16.0
Indicator value	93.2%	94.0%	94.1%	94.6%	92.4%	94.6%	94.5%	94.0%

Licensee Comments: none

ERO Drill Participation



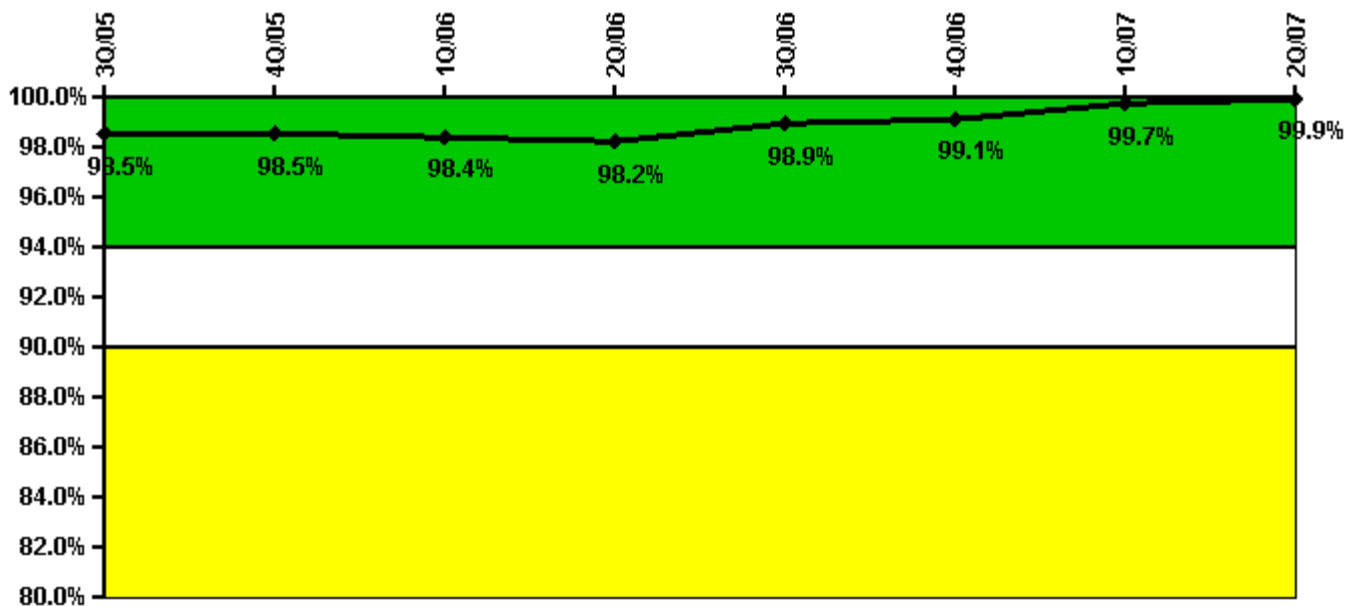
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	180.0	175.0	174.0	168.0	186.0	179.0	175.0	181.0
Total Key personnel	190.0	179.0	176.0	174.0	190.0	183.0	183.0	183.0
Indicator value	94.7%	97.8%	98.9%	96.6%	97.9%	97.8%	95.6%	98.9%

Licensee Comments: none

Alert & Notification System



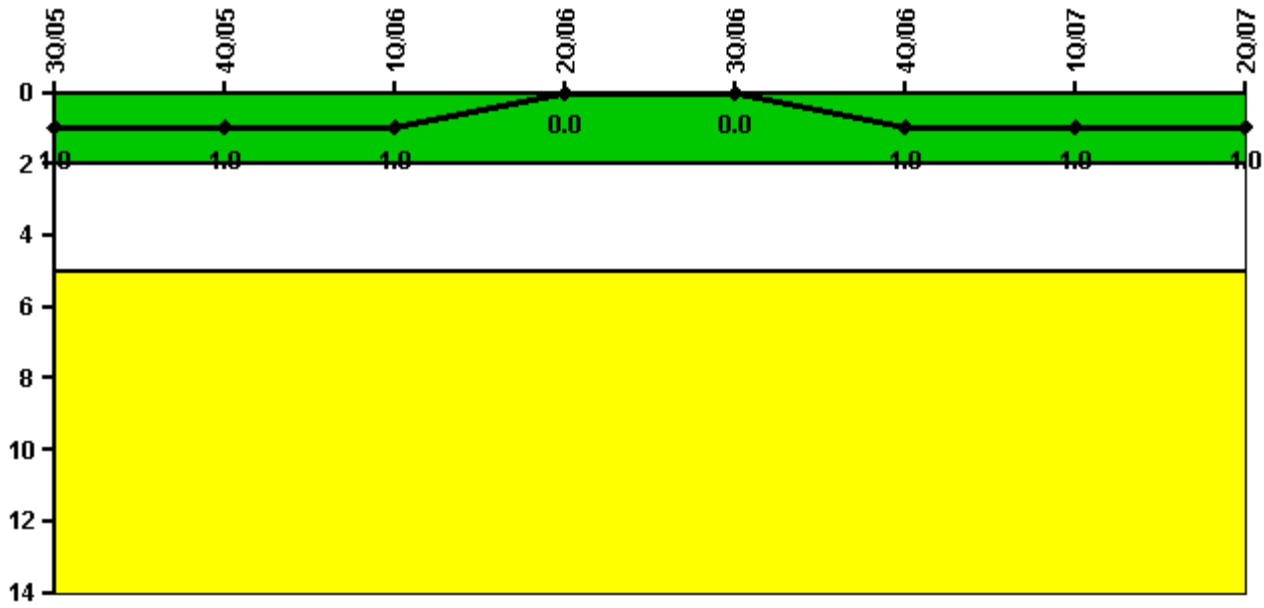
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	753	791	778	792	797	792	798	798
Total sirens-tests	776	798	798	798	798	793	798	798
Indicator value	98.5%	98.5%	98.4%	98.2%	98.9%	99.1%	99.7%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



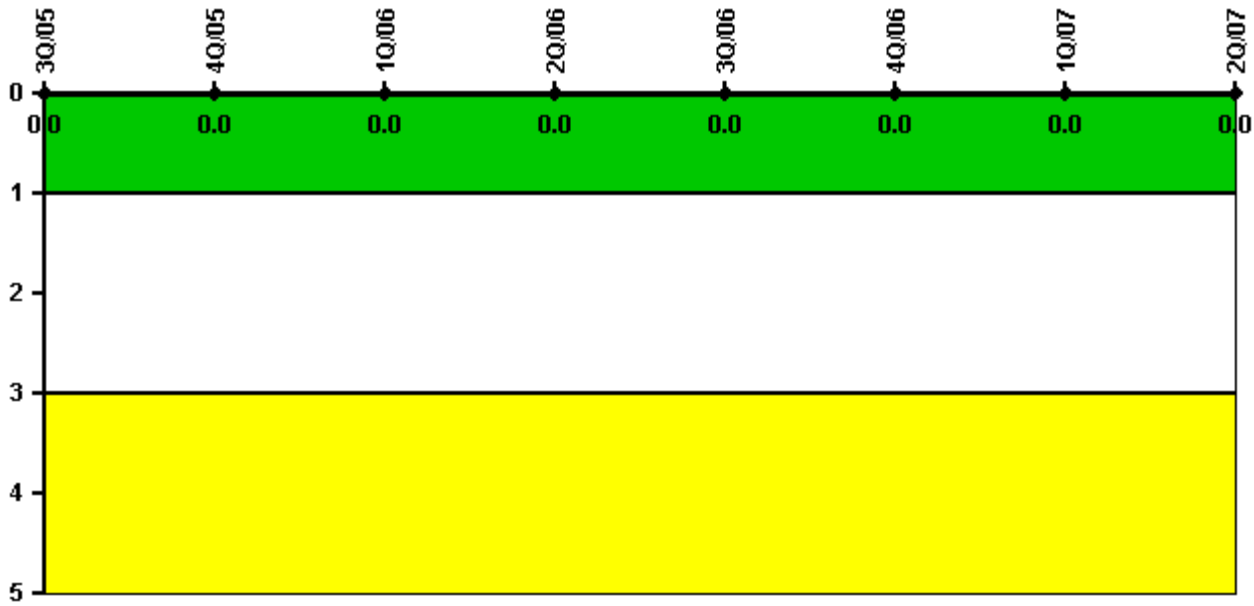
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
High radiation area occurrences	0	0	0	0	0	1	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	0	0	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/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.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: August 6, 2007