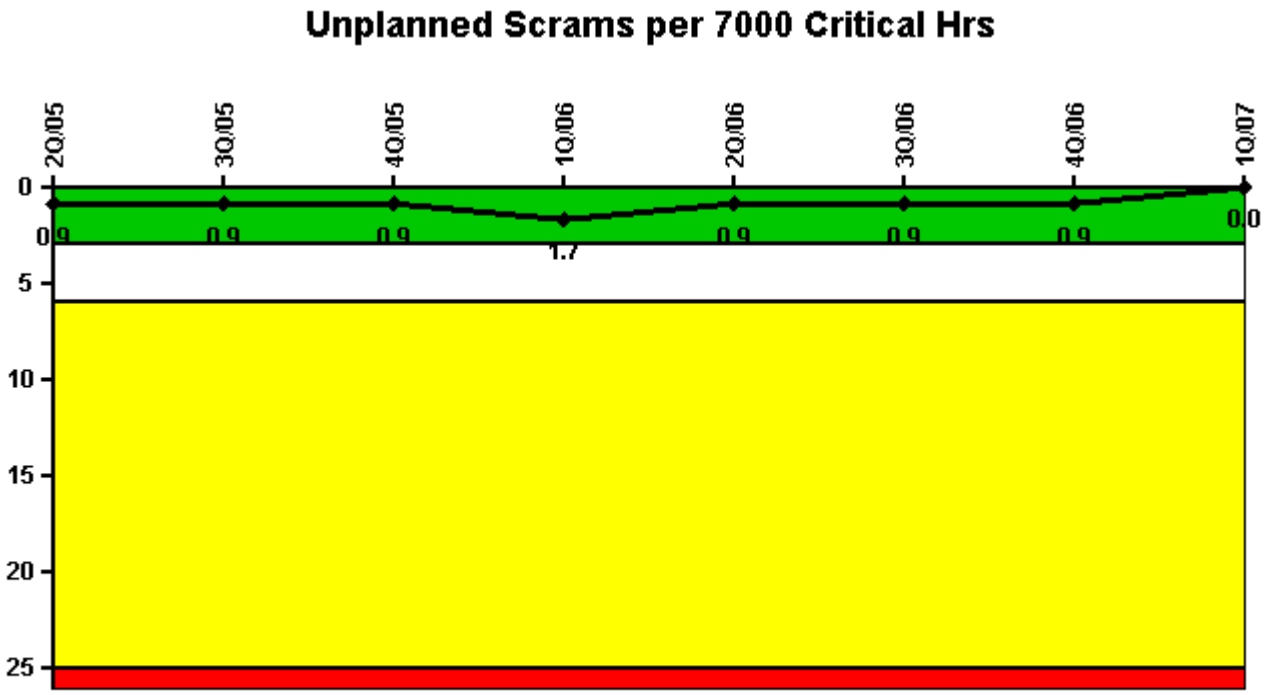
Quad Cities 1

1Q/2007 Performance Indicators

Licensee's General Comments: none



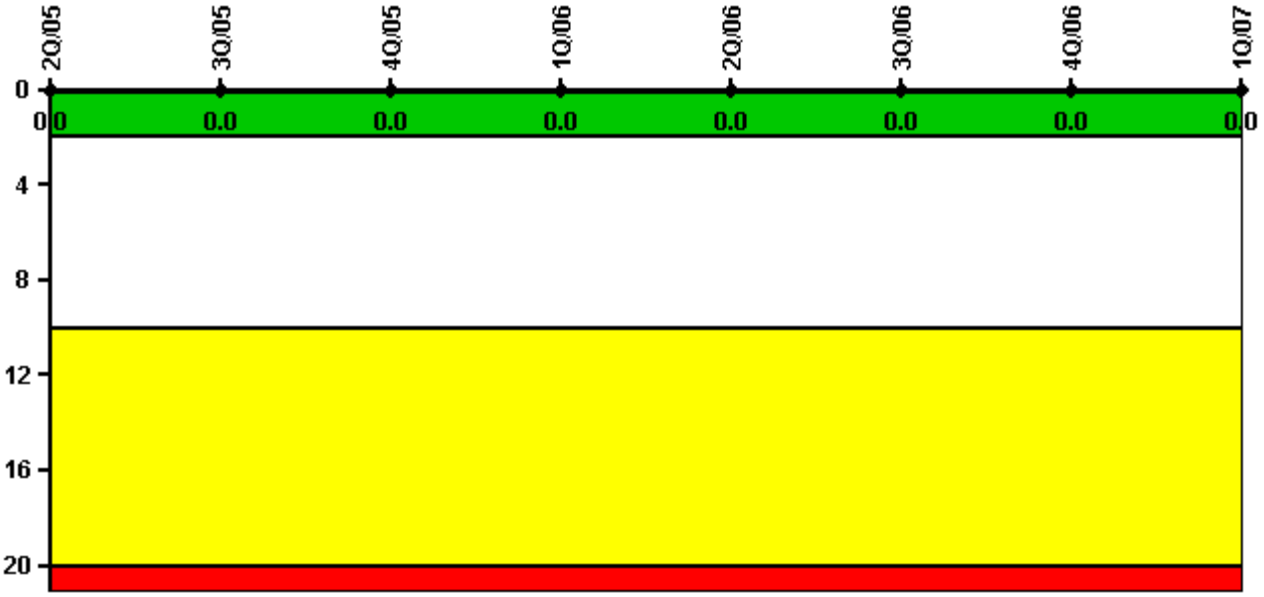
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned scrams	1.0	0	0	1.0	0	0	0	0
Critical hours	1633.2	2208.0	2209.0	2009.0	1789.8	2208.0	2209.0	2159.0
Indicator value	**0.9**	**0.9**	**0.9**	**1.7**	**0.9**	**0.9**	**0.9**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



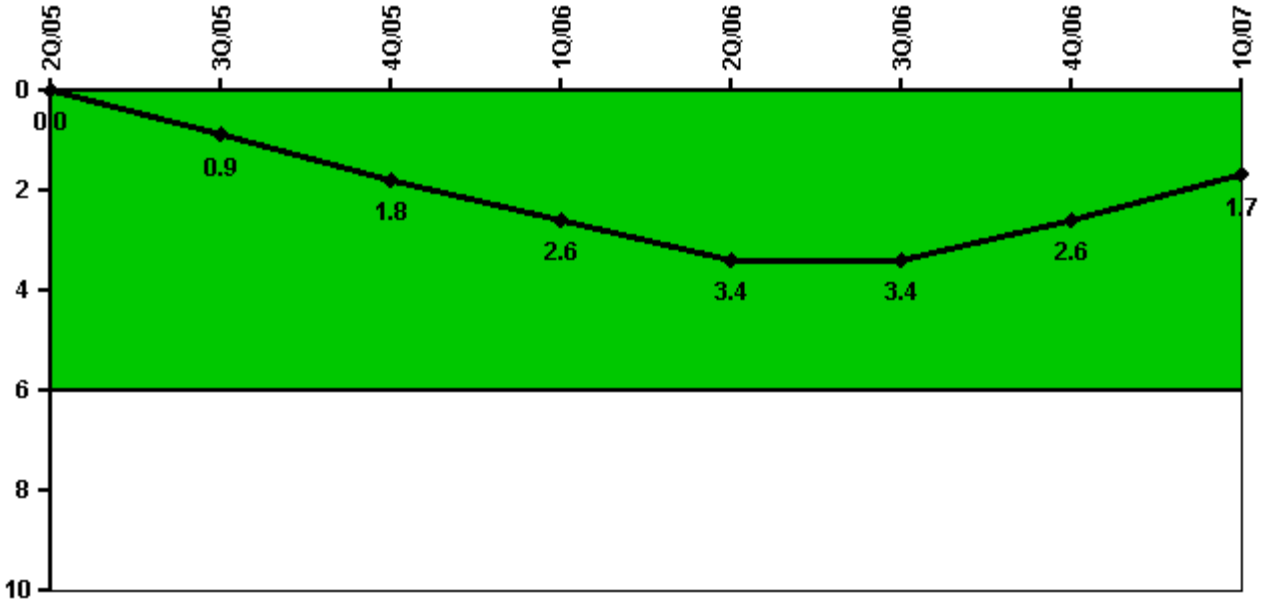
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/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



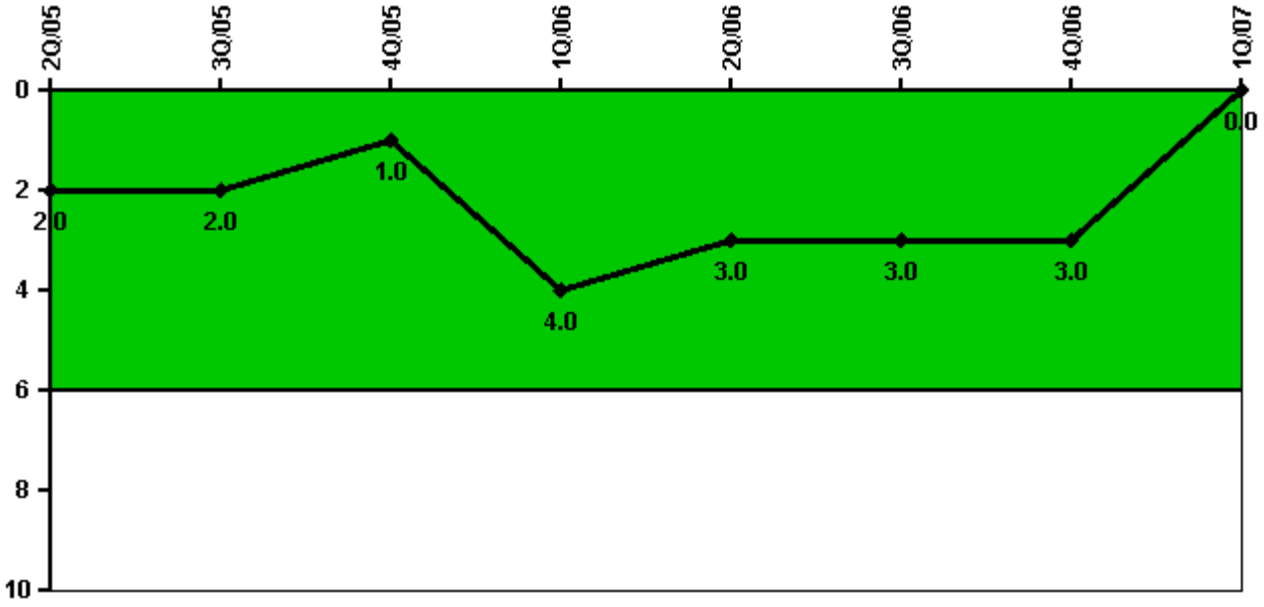
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	1.0	1.0	1.0	1.0	1.0	0	0
Critical hours	1633.2	2208.0	2209.0	2009.0	1789.8	2208.0	2209.0	2159.0
Indicator value	**0**	**0.9**	**1.8**	**2.6**	**3.4**	**3.4**	**2.6**	**1.7**

Licensee Comments: none

Safety System Functional Failures (BWR)



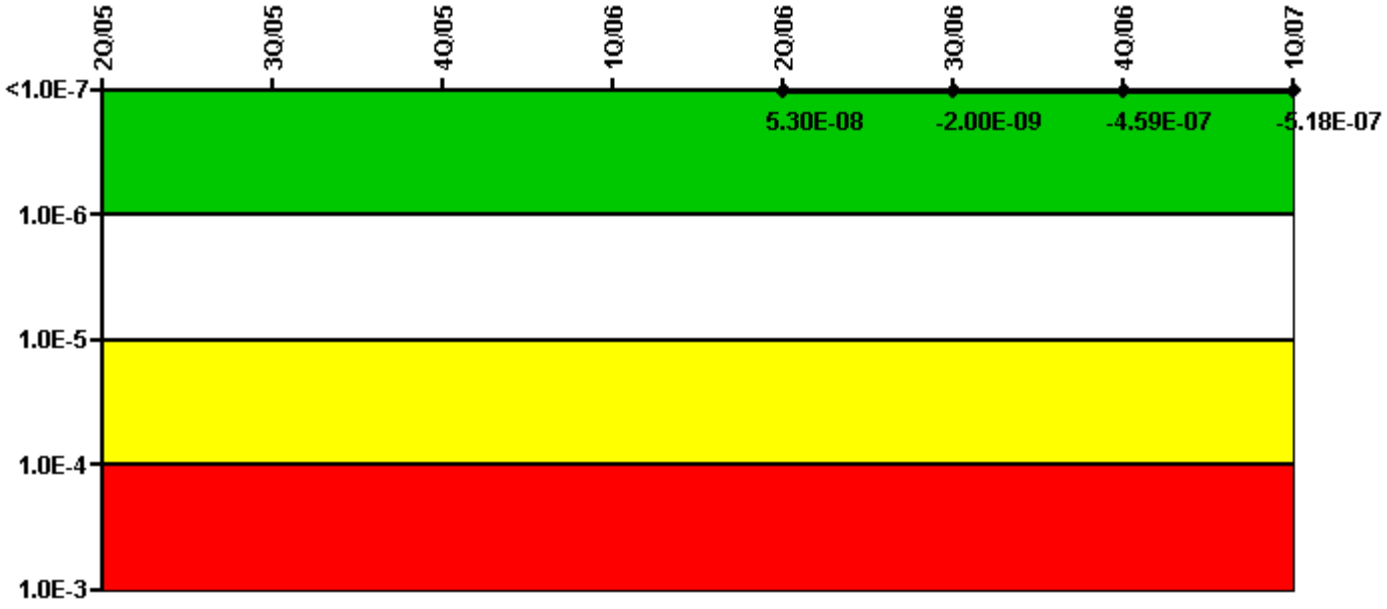
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Safety System Functional Failures	1	0	0	3	0	0	0	0
Indicator value	**2**	**2**	**1**	**4**	**3**	**3**	**3**	**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	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					1.40E-07	6.10E-08	1.10E-08	2.30E-09
URI (ΔCDF)					-8.70E-08	-6.30E-08	-4.70E-07	-5.20E-07
PLE					NO	NO	NO	NO
Indicator value					**5.30E-08**	**-2.00E-09**	**-4.59E-07**	**-5.18E-07**

Licensee Comments:

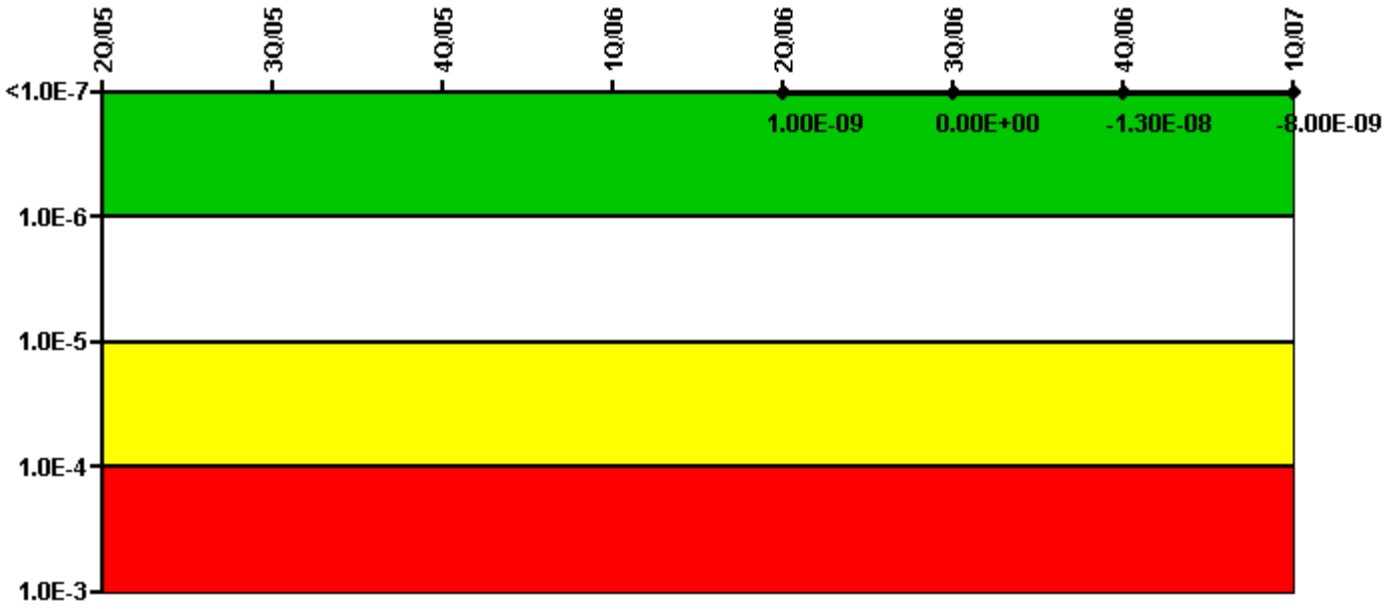
1Q/07: Changed PRA Parameter(s). Quad Cities Station completed a revalidation effort of MSPI implementation. The specific findings were documented in the corrective action program and CDE was revised. The errors included miscounting support system unavailability (cascading) against an MSPI system, not applying new MSPI definitions in the 3-year baseline of system unavailability, and data entry errors. The corrections did not result in any significant MSPI value changes.

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

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

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

Mitigating Systems Performance Index, High Pressure Injection System



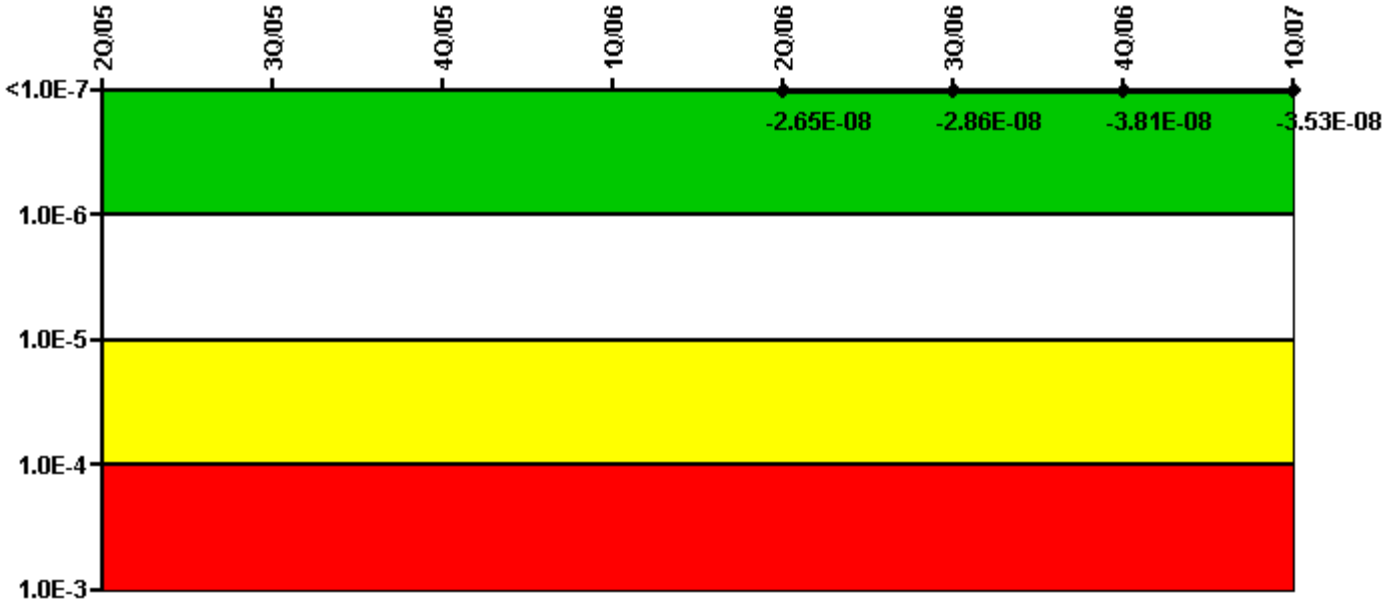
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					4.40E-08	4.30E-08	3.00E-08	3.50E-08
URI (ΔCDF)					-4.30E-08	-4.30E-08	-4.30E-08	-4.30E-08
PLE					NO	NO	NO	NO
Indicator value					**1.00E-09**	**0.00E+00**	**-1.30E-08**	**-8.00E-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	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					5.50E-09	3.40E-09	-6.10E-09	-3.30E-09
URI (ΔCDF)					-3.20E-08	-3.20E-08	-3.20E-08	-3.20E-08
PLE					NO	NO	NO	NO
Indicator value					**-2.65E-08**	**-2.86E-08**	**-3.81E-08**	**-3.53E-08**

Licensee Comments:

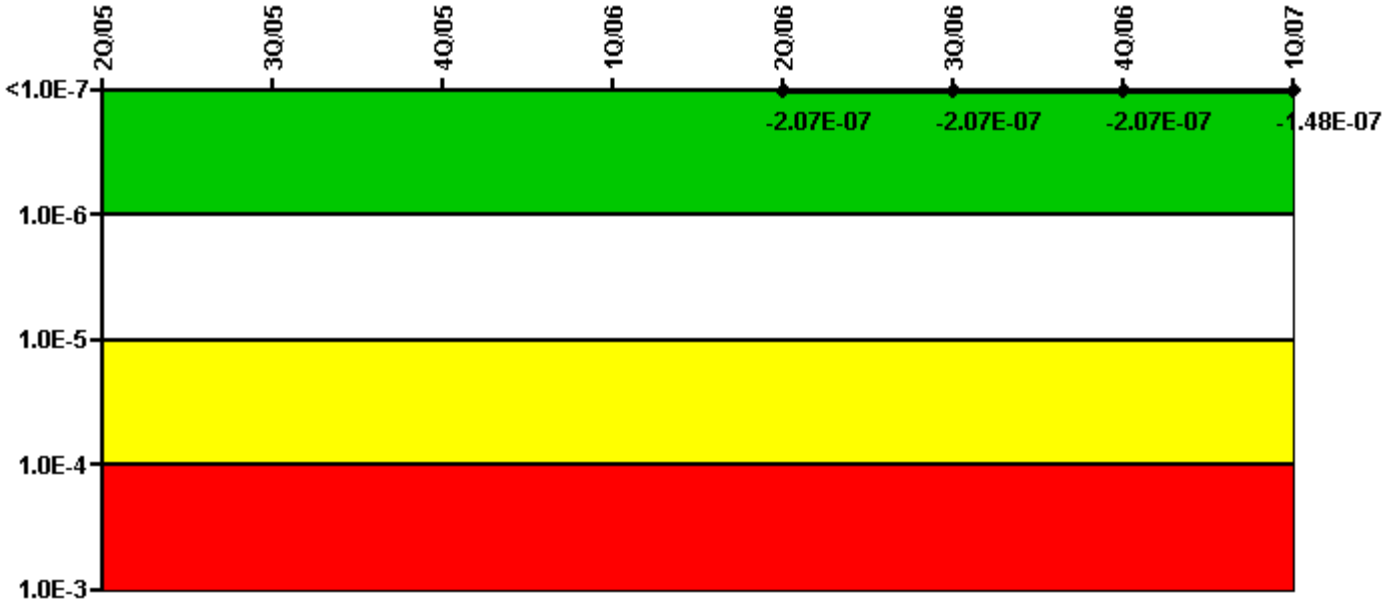
1Q/07: Changed PRA Parameter(s). Quad Cities Station completed a revalidation effort of MSPI implementation. The specific findings were documented in the corrective action program and CDE was revised. The errors included miscounting support system unavailability (cascading) against an MSPI system, not applying new MSPI definitions in the 3-year baseline of system unavailability, and data entry errors. The corrections did not result in any significant MSPI value changes.

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	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					-7.70E-08	-7.70E-08	-7.70E-08	-2.80E-08
URI (ΔCDF)					-1.30E-07	-1.30E-07	-1.30E-07	-1.20E-07
PLE					NO	NO	NO	NO
Indicator value					**-2.07E-07**	**-2.07E-07**	**-2.07E-07**	**-1.48E-07**

Licensee Comments:

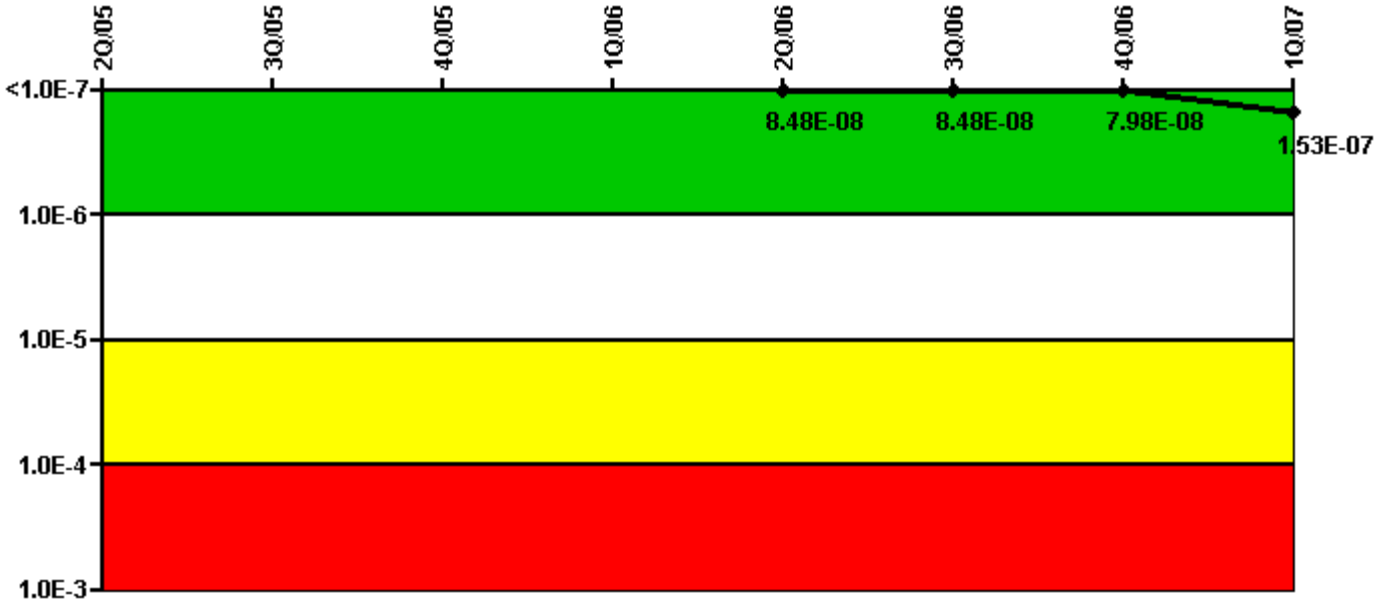
1Q/07: Changed PRA Parameter(s). Quad Cities Station completed a revalidation effort of MSPI implementation. The specific findings were documented in the corrective action program and CDE was revised. The errors included miscounting support system unavailability (cascading) against an MSPI system, not applying new MSPI definitions in the 3-year baseline of system unavailability, and data entry errors. The corrections did not result in any significant MSPI value changes.

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

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

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

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	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					8.20E-08	8.20E-08	7.70E-08	1.50E-07
URI (ΔCDF)					2.80E-09	2.80E-09	2.80E-09	2.80E-09
PLE					NO	NO	NO	NO
Indicator value					**8.48E-08**	**8.48E-08**	**7.98E-08**	**1.53E-07**

Licensee Comments:

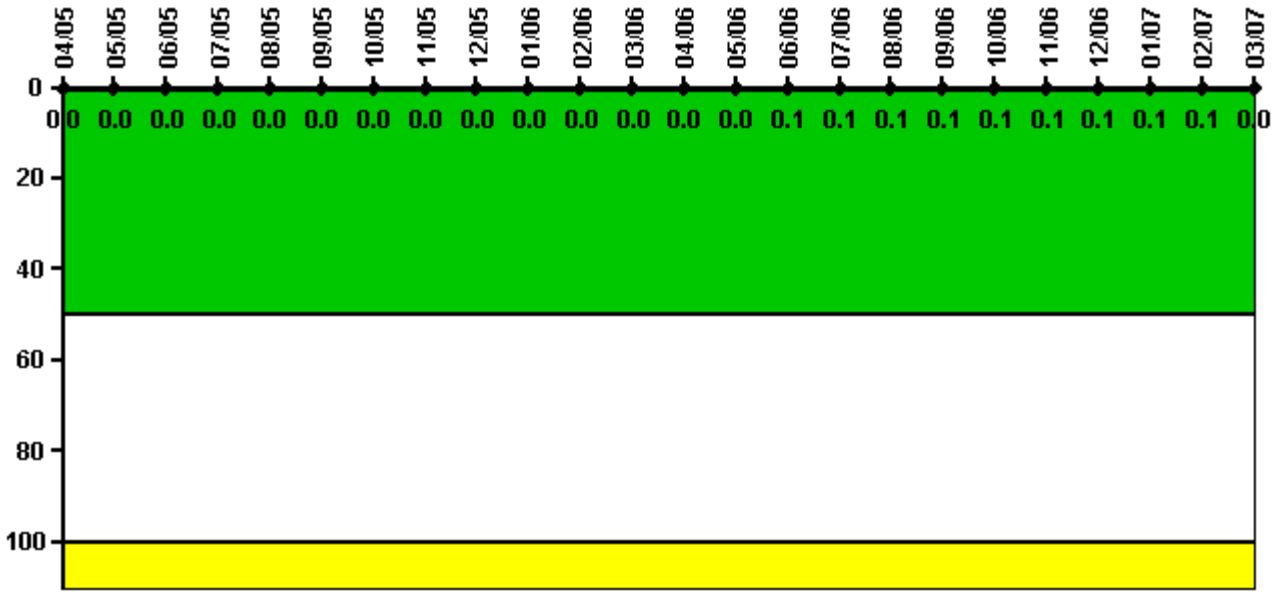
1Q/07: Changed PRA Parameter(s). Quad Cities Station completed a revalidation effort of MSPI implementation. The specific findings were documented in the corrective action program and CDE was revised. The errors included miscounting support system unavailability (cascading) against an MSPI system, not applying new MSPI definitions in the 3-year baseline of system unavailability, and data entry errors. The corrections did not result in any significant MSPI value changes.

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

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

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

Reactor Coolant System Activity



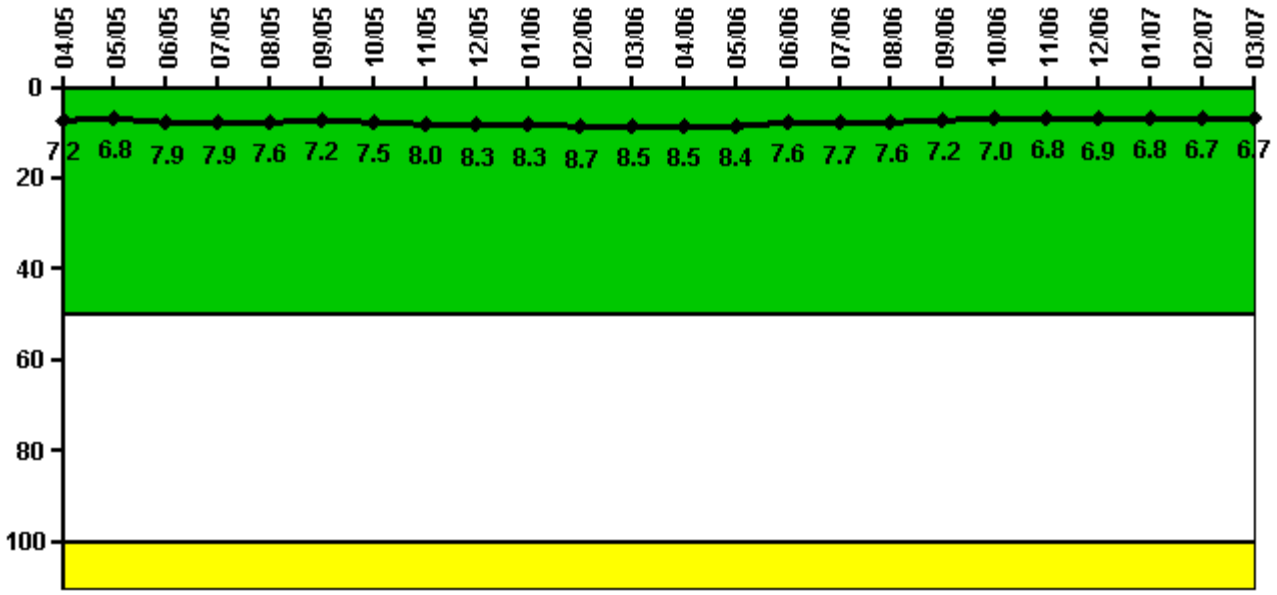
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**
Maximum activity	0.000087	0.000081	0.000060	0.000055	0.000048	0.000046	0.000039	0.000040	0.000040	0.000040	0.000050	0.000065
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**	**0**	**0**	**0**
Reactor Coolant System Activity	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**
Maximum activity	0.000062	0.000062	0.000126	0.000126	0.000101	0.000133	0.000115	0.000119	0.000128	0.000113	0.000126	0.000085
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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0**

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

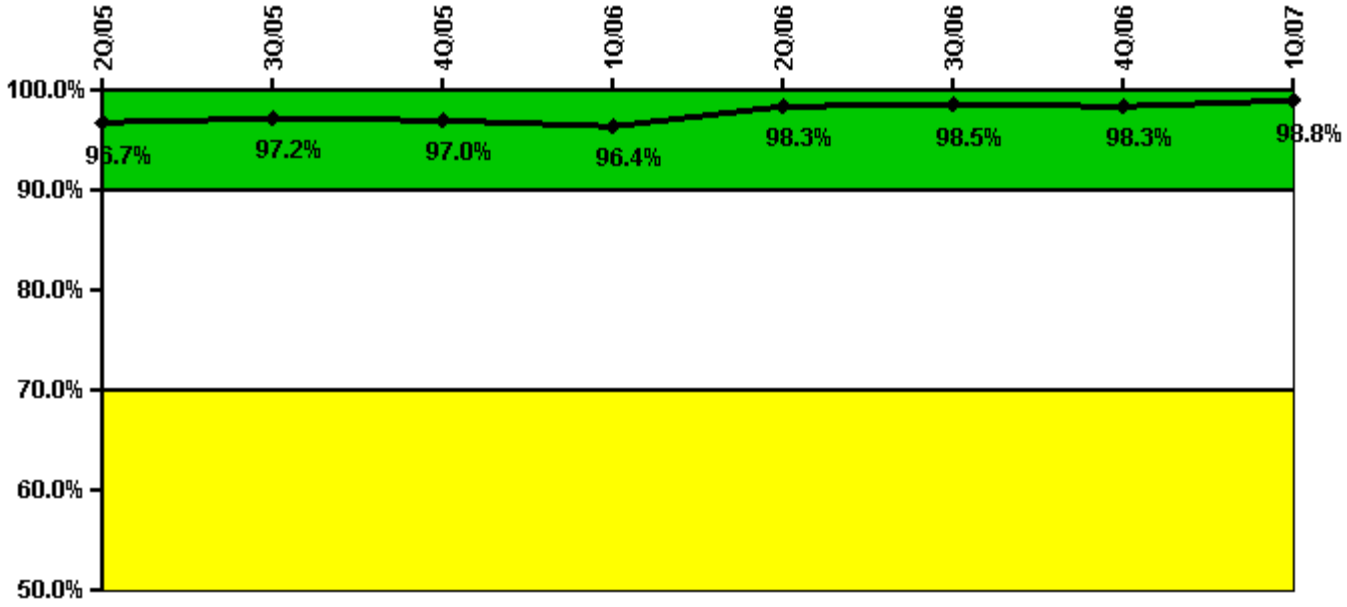
Notes

Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	1.800	1.690	1.970	1.980	1.890	1.790	1.870	2.010	2.080	2.070	2.180	2.130
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	**7.2**	**6.8**	**7.9**	**7.9**	**7.6**	**7.2**	**7.5**	**8.0**	**8.3**	**8.3**	**8.7**	**8.5**

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	2.130	2.090	1.910	1.920	1.890	1.800	1.760	1.700	1.720	1.690	1.670	1.670
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	**8.5**	**8.4**	**7.6**	**7.7**	**7.6**	**7.2**	**7.0**	**6.8**	**6.9**	**6.8**	**6.7**	**6.7**

Licensee Comments: none

Drill/Exercise Performance



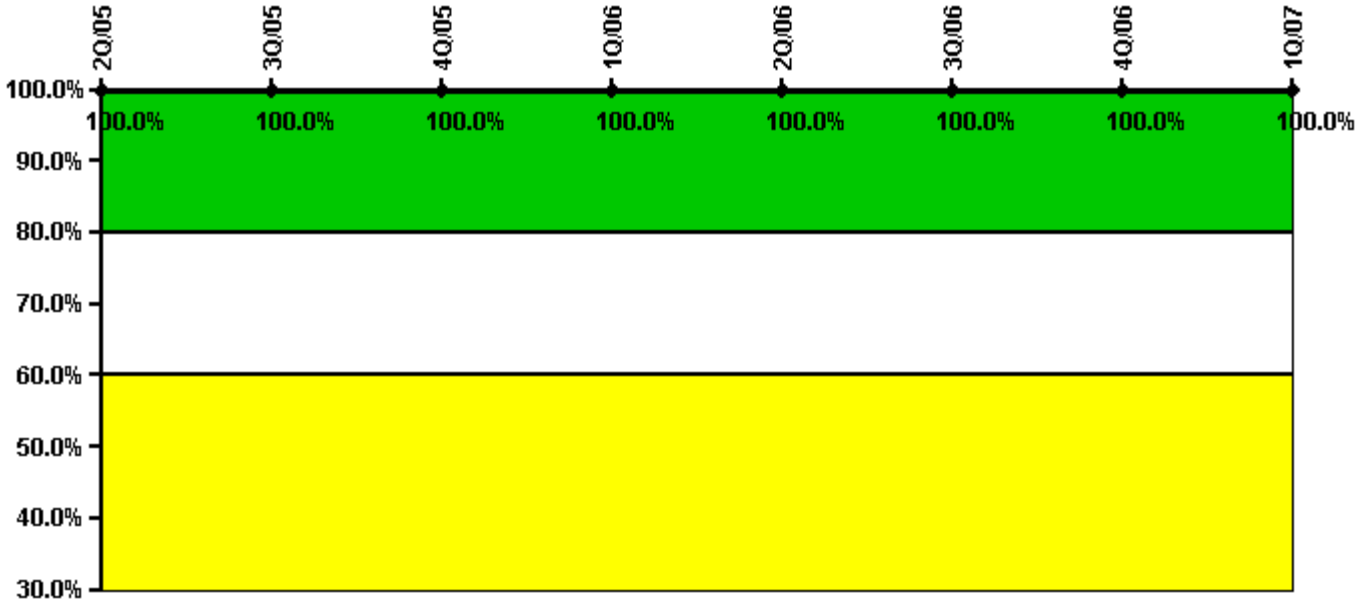
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	10.0	58.0	44.0	28.0	39.0	50.0	88.0	26.0
Total opportunities	10.0	58.0	45.0	30.0	39.0	50.0	89.0	26.0
Indicator value	**96.7%**	**97.2%**	**97.0%**	**96.4%**	**98.3%**	**98.5%**	**98.3%**	**98.8%**

Licensee Comments: none

ERO Drill Participation



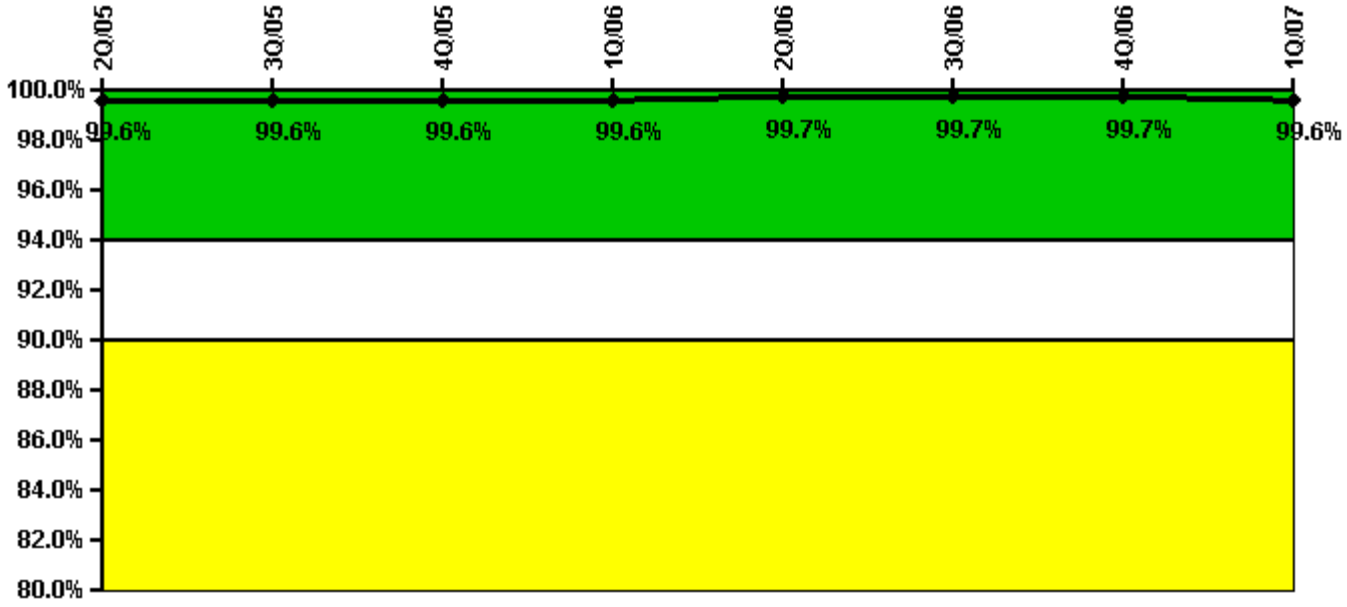
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	72.0	74.0	74.0	72.0	76.0	75.0	81.0	75.0
Total Key personnel	72.0	74.0	74.0	72.0	76.0	75.0	81.0	75.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System



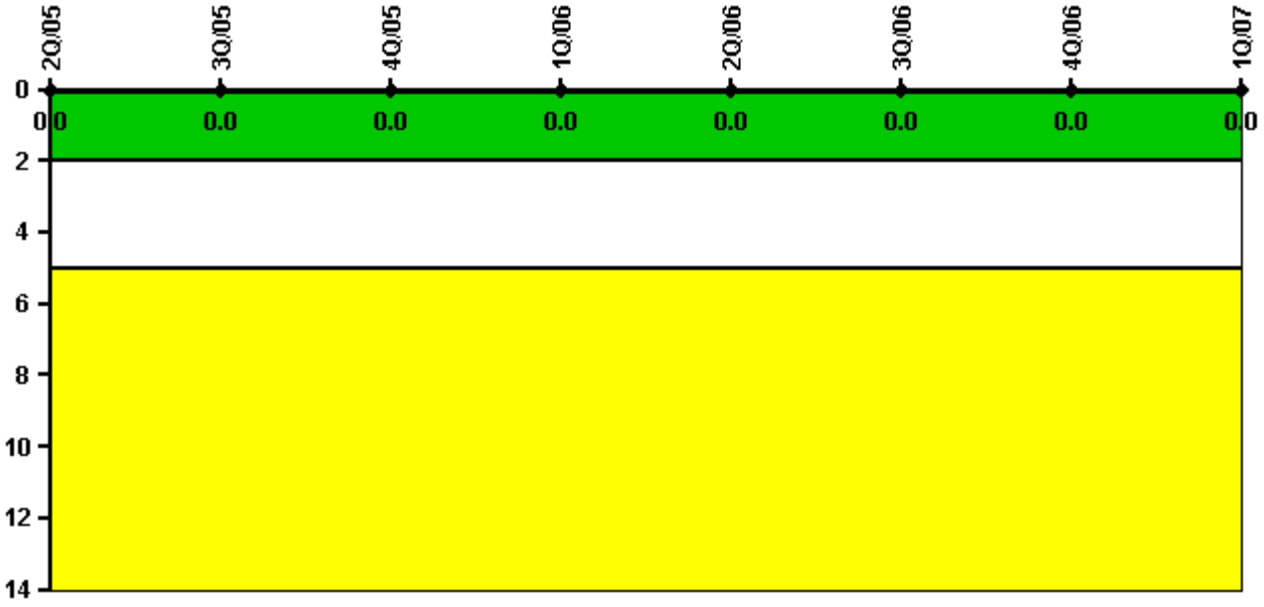
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	3304	3318	3310	3372	3316	3311	3270	3311
Total sirens-tests	3328	3328	3319	3380	3328	3328	3272	3328
Indicator value	**99.6%**	**99.6%**	**99.6%**	**99.6%**	**99.7%**	**99.7%**	**99.7%**	**99.6%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



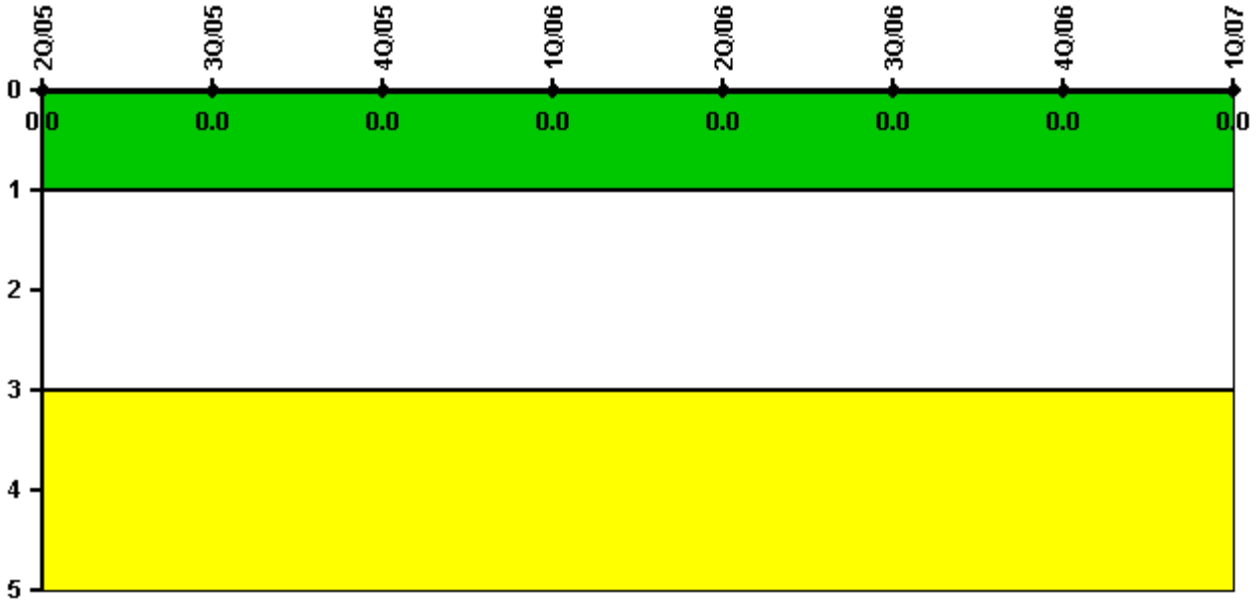
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/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	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/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: June 1, 2007