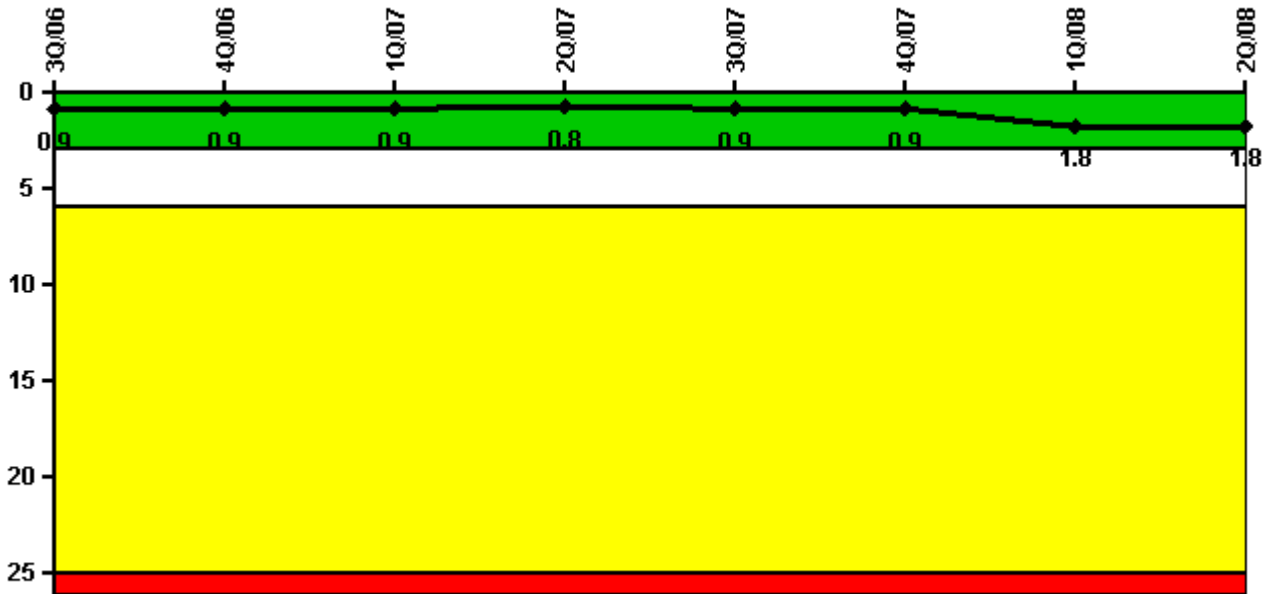


Palisades

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



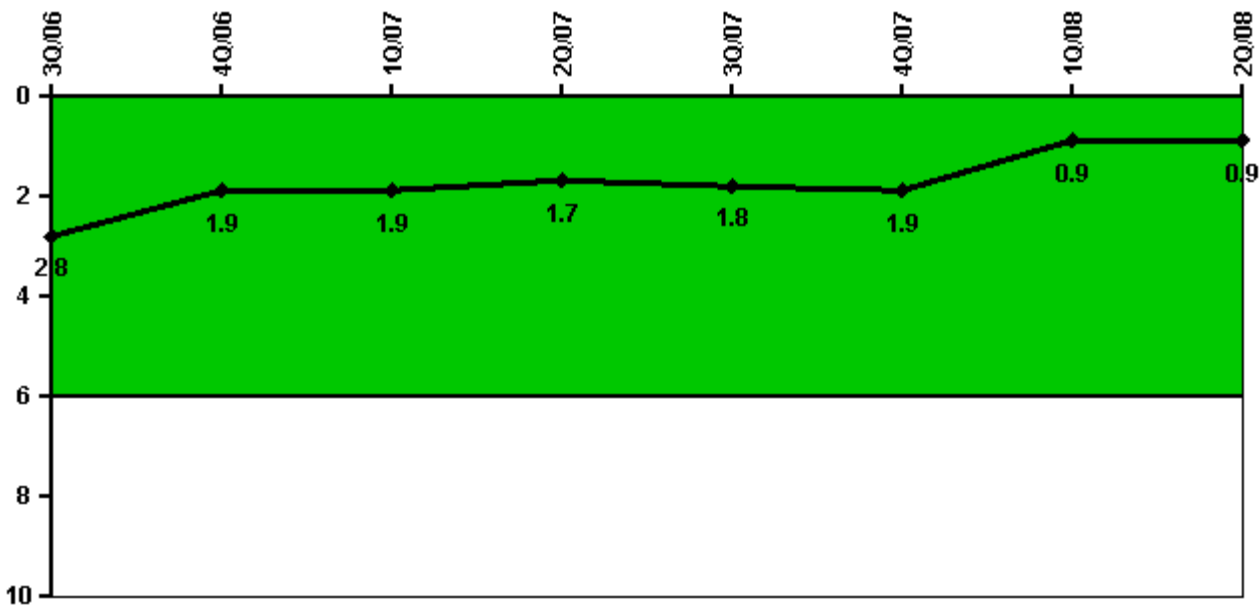
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned scrams	0	0	0	1.0	0	0	1.0	1.0
Critical hours	2208.0	2163.5	1987.0	2049.2	1691.0	1749.1	2148.2	2158.1
Indicator value	0.9	0.9	0.9	0.8	0.9	0.9	1.8	1.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	1.0	1.0	0	0	1.0	0	0
Critical hours	2208.0	2163.5	1987.0	2049.2	1691.0	1749.1	2148.2	2158.1
Indicator value	2.8	1.9	1.9	1.7	1.8	1.9	0.9	0.9

Licensee Comments:

2Q/08: The NRC granted Palisades Enforcement Discretion for Safeguards Transformer 1-1 Inoperability (72 hour shutdown LCO). The 24 hour NOED was in effect from 4/04/08 21:55 until the transformer was restored at 01:00 on 4/05/08. No power reduction required.

Unplanned Scrams with Complications



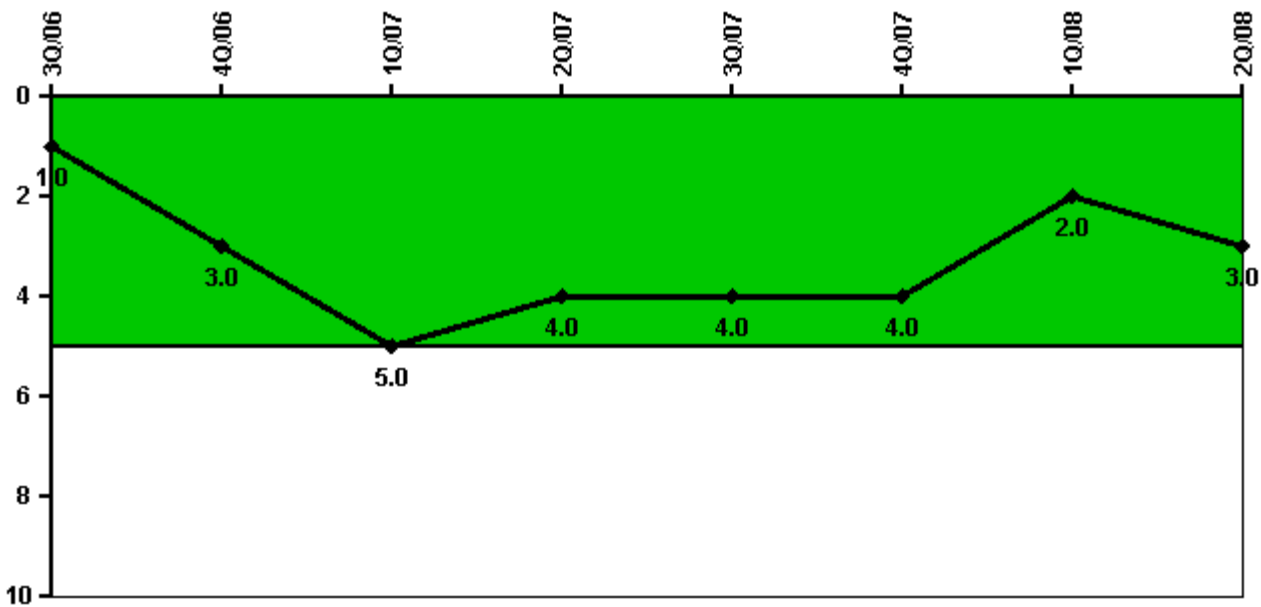
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Scrams with complications		0	0	0	0	0	0	0
Indicator value					0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

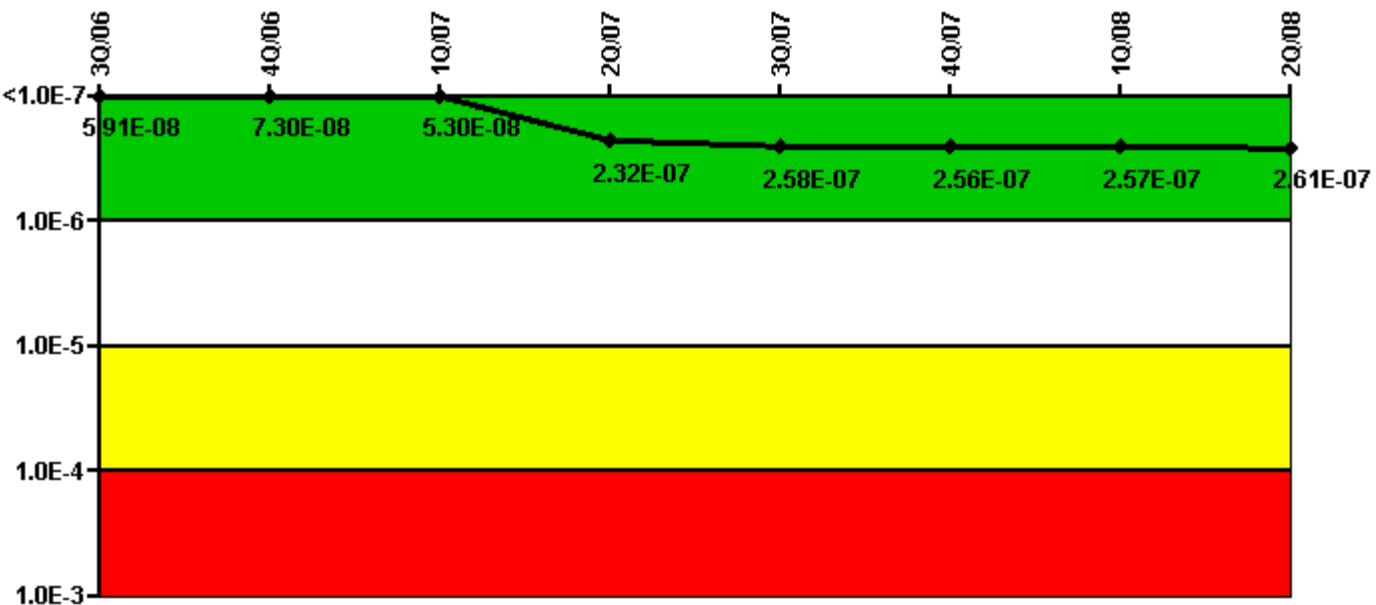
Notes

Safety System Functional Failures (PWR)	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Safety System Functional Failures	0	2	2	0	0	2	0	1
Indicator value	1	3	5	4	4	4	2	3

Licensee Comments:

2Q/08: LER 2008-002 - Breaker Cubicle Component Failure Results in HPSI Pump Inoperability.

Mitigating Systems Performance Index, Emergency AC Power System



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

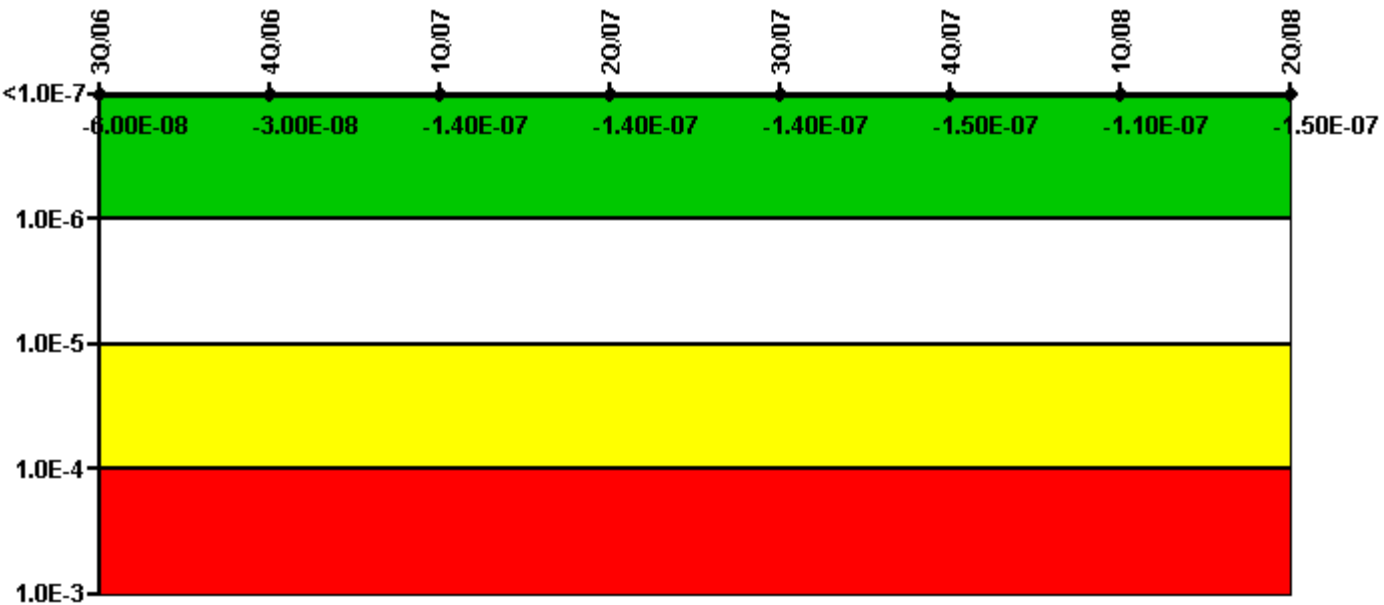
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	4.10E-09	1.80E-08	6.50E-08	8.20E-08	3.80E-08	3.60E-08	3.70E-08	4.10E-08
URI (ΔCDF)	5.50E-08	5.50E-08	-1.20E-08	1.50E-07	2.20E-07	2.20E-07	2.20E-07	2.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.91E-08	7.30E-08	5.30E-08	2.32E-07	2.58E-07	2.56E-07	2.57E-07	2.61E-07

Licensee Comments:

2Q/08: Reevaluation of September 2007 MSPI Failure for EDG 1-1 fuel oil leak is being reviewed. (Reference CR-PLP-2007-04078).

Mitigating Systems Performance Index, High Pressure Injection System



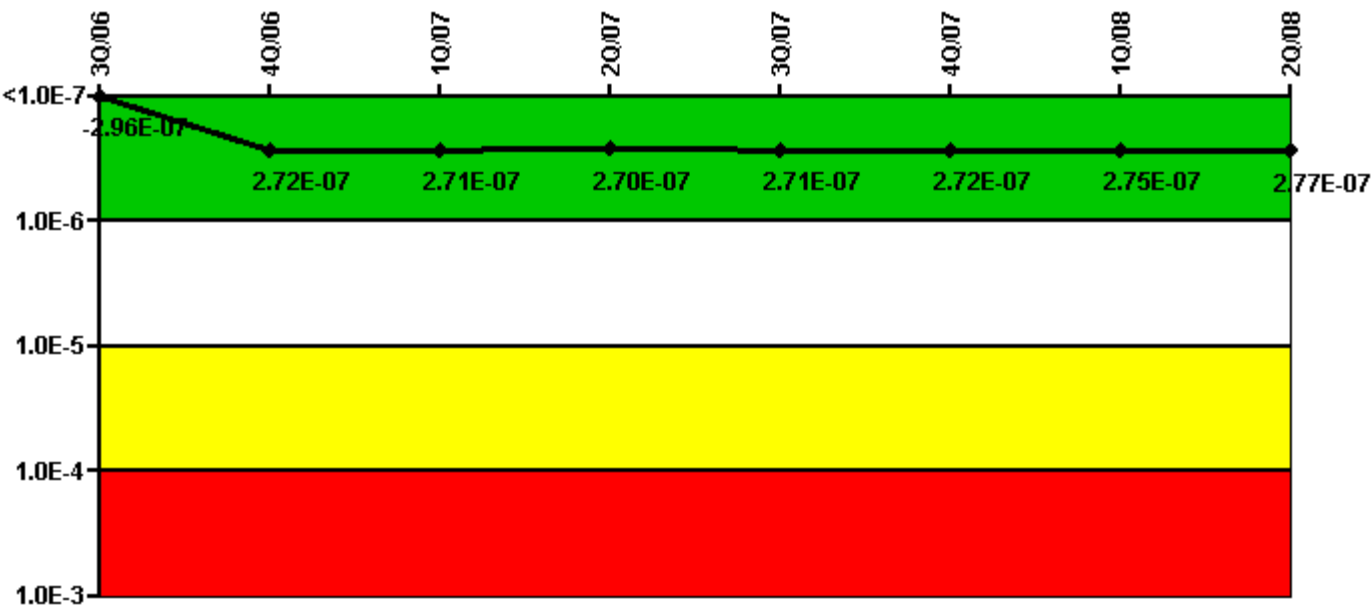
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	$2.10E-07$	$2.40E-07$	$1.30E-07$	$1.30E-07$	$1.30E-07$	$1.20E-07$	$1.60E-07$	$1.20E-07$
URI (Δ CDF)	$-2.70E-07$	$-2.70E-07$	$-2.70E-07$	$-2.70E-07$	$-2.70E-07$	$-2.70E-07$	$-2.70E-07$	$-2.70E-07$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$-6.00E-08$	$-3.00E-08$	$-1.40E-07$	$-1.40E-07$	$-1.40E-07$	$-1.50E-07$	$-1.10E-07$	$-1.50E-07$

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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-1.60E-08	-8.30E-09	-9.40E-09	-1.00E-08	-8.90E-09	-8.00E-09	-5.40E-09	-3.30E-09
URI (Δ CDF)	-2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.96E-07	2.72E-07	2.71E-07	2.70E-07	2.71E-07	2.72E-07	2.75E-07	2.77E-07

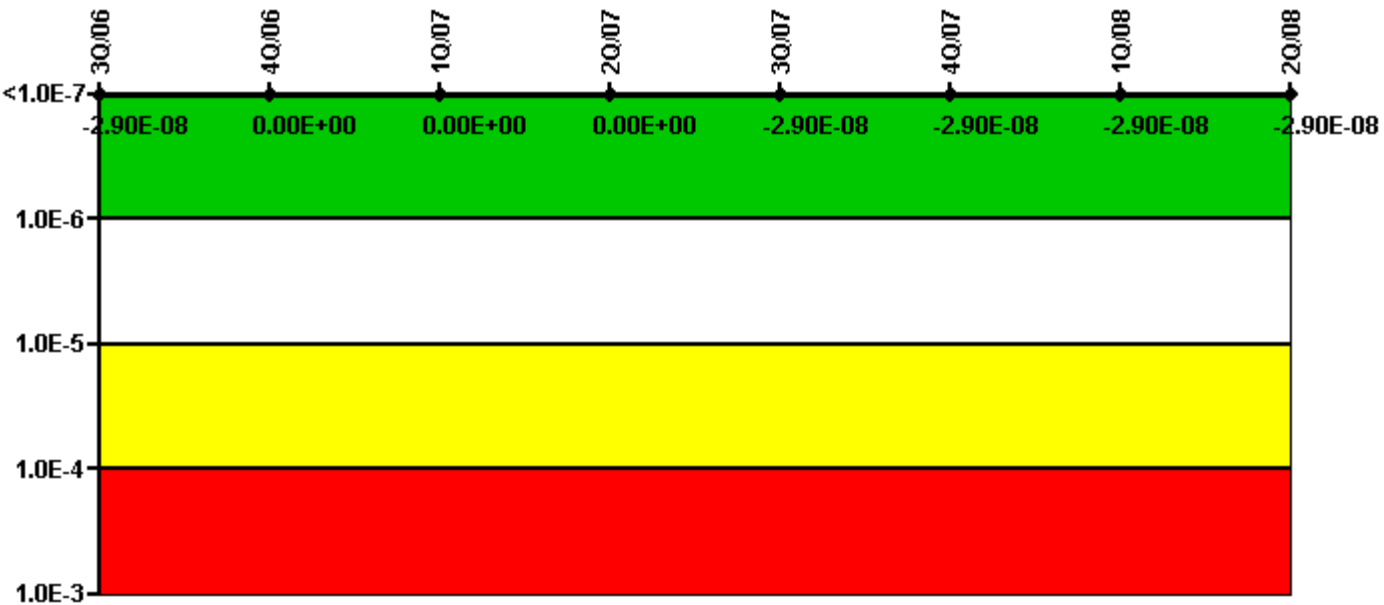
Licensee Comments:

2Q/08: Evaluation of relay testing results for Breaker 152-209 associated with Auxiliary Feedwater Pump P-8C concluded the equipment remained capable of performing their design functions and were operable. (Reference CR-PLP-2008-01473). This submittal includes revision to previously submitted planned unavailability hours due to missed flow controller testing (RI-95). Data updates made in Jan 06, Feb 06, Sep 06, Dec 06, Jul 07, and Mar 08 with a small impact on MSPI result and no impact on the color of the indicator. Extent of condition reviews are in progress due to this issue. (Reference CR-PLP-2008-02172).

1Q/08: Evaluation is pending on relay testing results for Breaker 152-209 associated with Auxiliary Feedwater Pump P-8C. (Reference CR-PLP-2008-01473).

4Q/06: 5 failures were reported in November related to switch/controller mis-positionings. These were associated with AFW Pump handswitches (3 failures) and AFW Flow Control Valve controller position (2 failures). The failures were reported in Palisades LER 2006-007, Auxiliary Feedwater Control Switches Not Position for Automatic System Actuation

Mitigating Systems Performance Index, Residual Heat Removal System



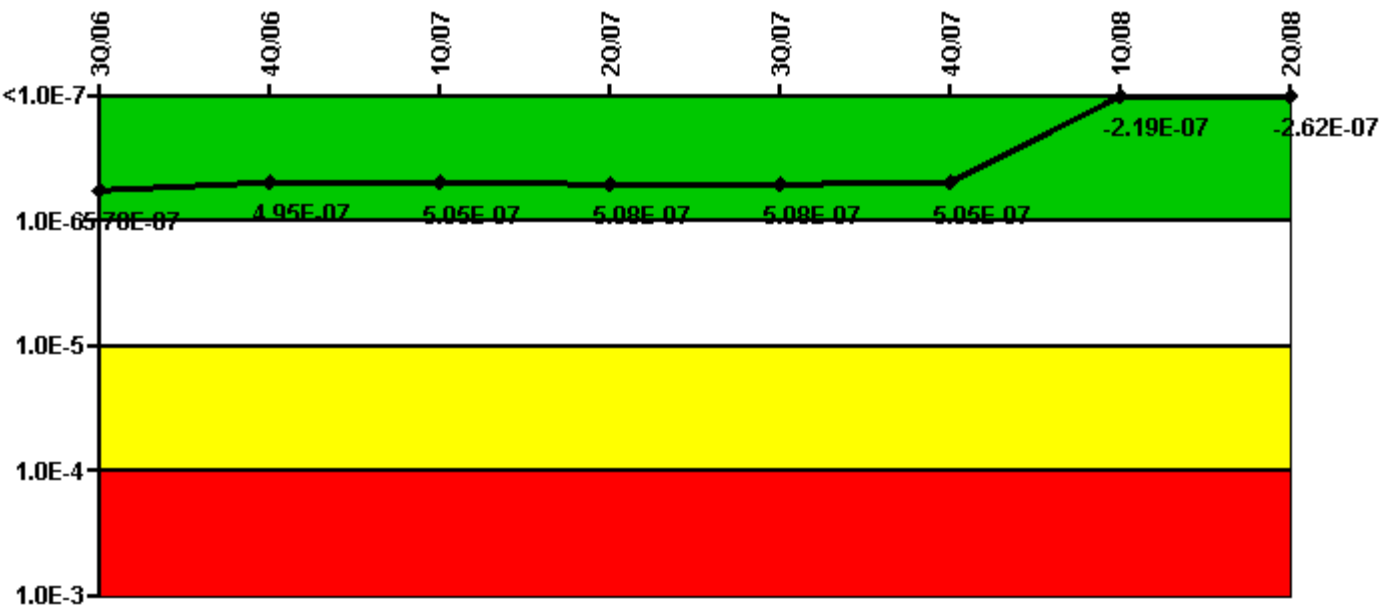
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	1.10E-08	4.00E-08	4.00E-08	4.00E-08	1.10E-08	1.10E-08	1.10E-08	1.10E-08
URI (Δ CDF)	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08	-4.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-2.90E-08	0.00E+00	0.00E+00	0.00E+00	-2.90E-08	-2.90E-08	-2.90E-08	-2.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

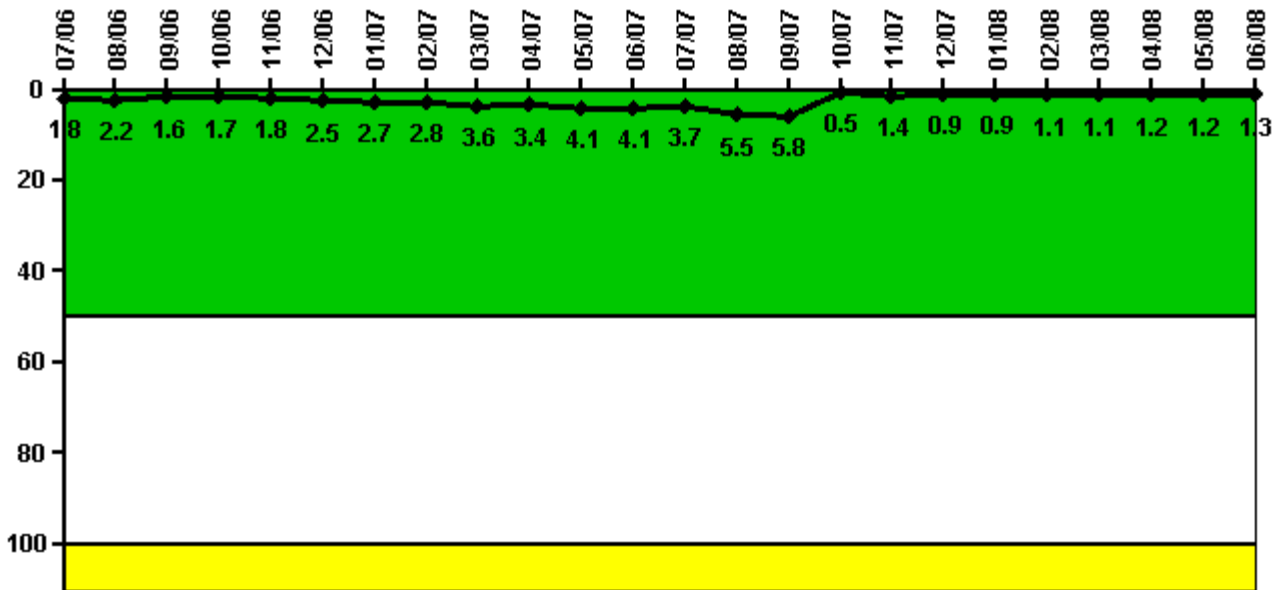
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	1.00E-07	2.50E-08	2.50E-08	2.80E-08	2.80E-08	2.50E-08	5.40E-10	-4.20E-08
URI (Δ CDF)	4.70E-07	4.70E-07	4.80E-07	4.80E-07	4.80E-07	4.80E-07	-2.20E-07	-2.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.70E-07	4.95E-07	5.05E-07	5.08E-07	5.08E-07	5.05E-07	-2.19E-07	-2.62E-07

Licensee Comments:

2Q/08: Evaluation of relay testing results for Breaker 152-208 associated with Component Cooling Pump P-52B concluded the equipment remained capable of performing their design functions and were operable. (Reference CR-PLP-2008-01409).

Reactor Coolant System Activity



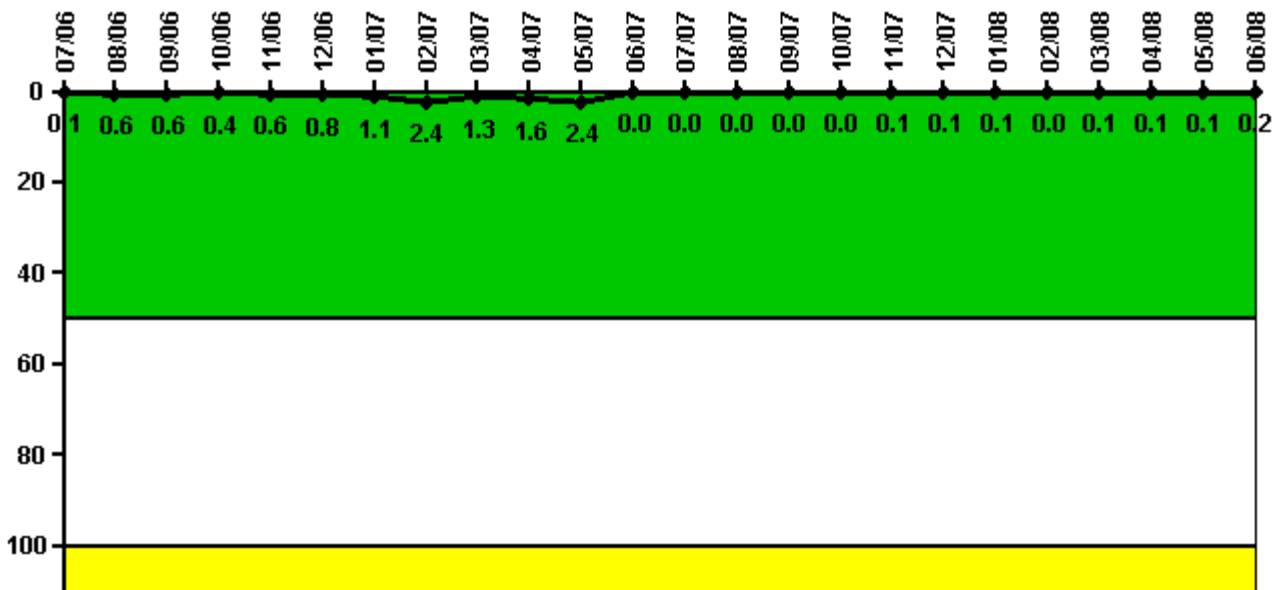
Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.018300	0.022200	0.015700	0.017400	0.017800	0.024900	0.027300	0.028200	0.036000	0.033800	0.040800	0.041000
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	1.8	2.2	1.6	1.7	1.8	2.5	2.7	2.8	3.6	3.4	4.1	4.1
Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.037000	0.055400	0.058400	0.005210	0.013800	0.009210	0.009320	0.010600	0.011200	0.011500	0.012200	0.012900
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	3.7	5.5	5.8	0.5	1.4	0.9	0.9	1.1	1.1	1.2	1.2	1.3

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

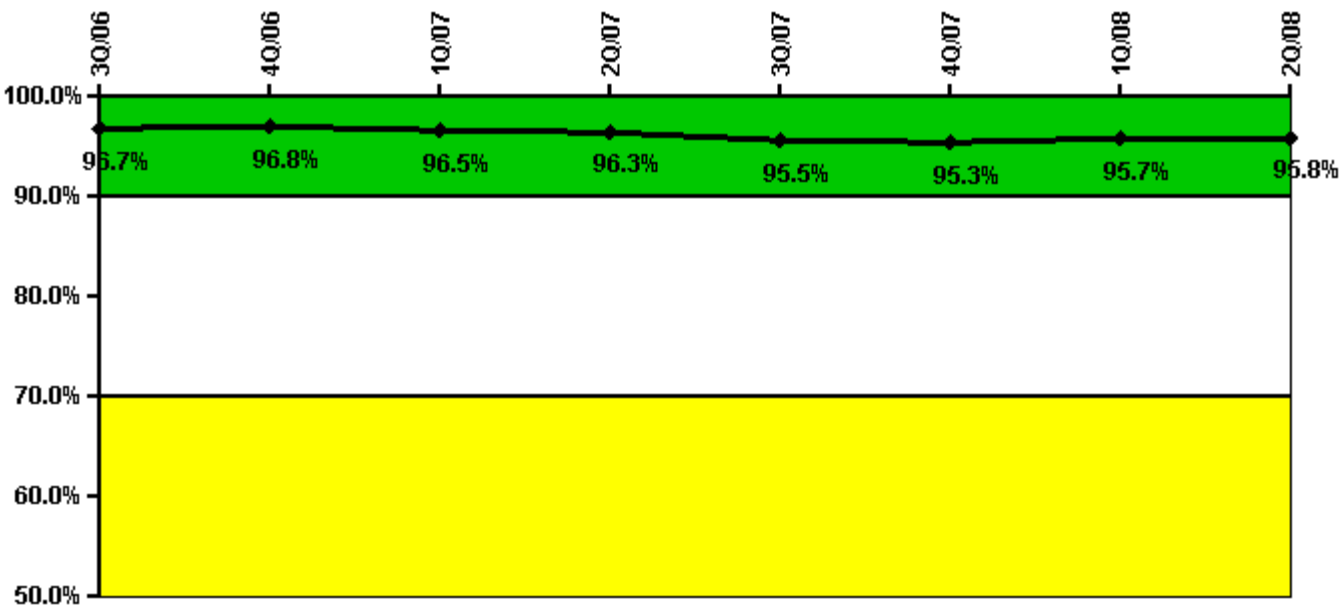
Notes

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	0.007	0.059	0.059	0.040	0.055	0.079	0.111	0.238	0.125	0.164	0.238	0.001
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	0.1	0.6	0.6	0.4	0.6	0.8	1.1	2.4	1.3	1.6	2.4	0

Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.001	0.001	0.001	0.004	0.005	0.005	0.005	0.004	0.007	0.007	0.008	0.017
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	0	0	0	0.1	0.1	0.1	0	0.1	0.1	0.1	0.2

Licensee Comments: none

Drill/Exercise Performance



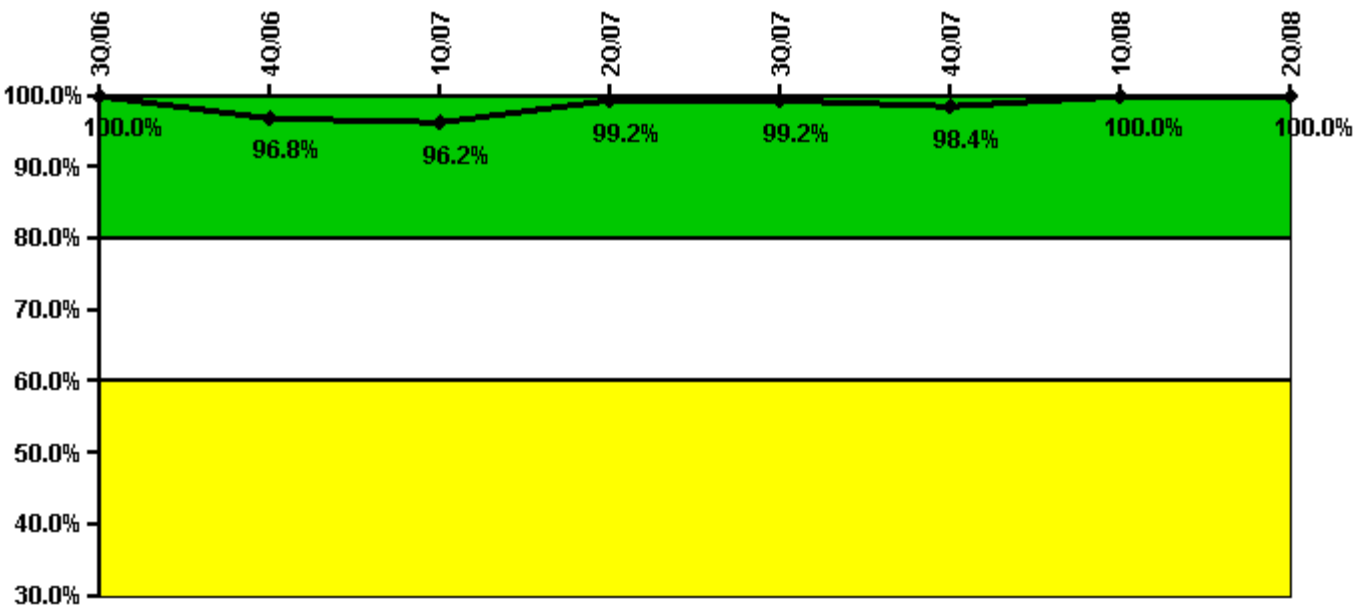
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	40.0	25.0	18.0	28.0	22.0	19.0	58.0	42.0
Total opportunities	40.0	26.0	23.0	30.0	22.0	20.0	60.0	42.0
Indicator value	96.7%	96.8%	96.5%	96.3%	95.5%	95.3%	95.7%	95.8%

Licensee Comments: none

ERO Drill Participation



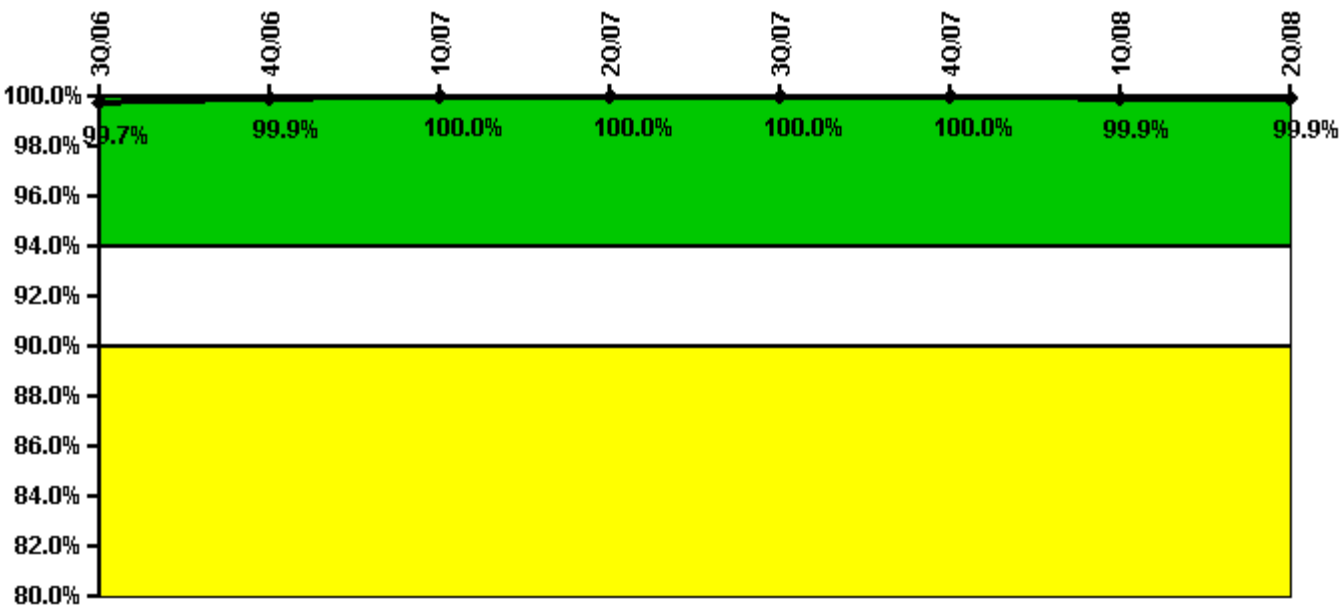
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	114.0	121.0	126.0	125.0	123.0	122.0	117.0	112.0
Total Key personnel	114.0	125.0	131.0	126.0	124.0	124.0	117.0	112.0
Indicator value	100.0%	96.8%	96.2%	99.2%	99.2%	98.4%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



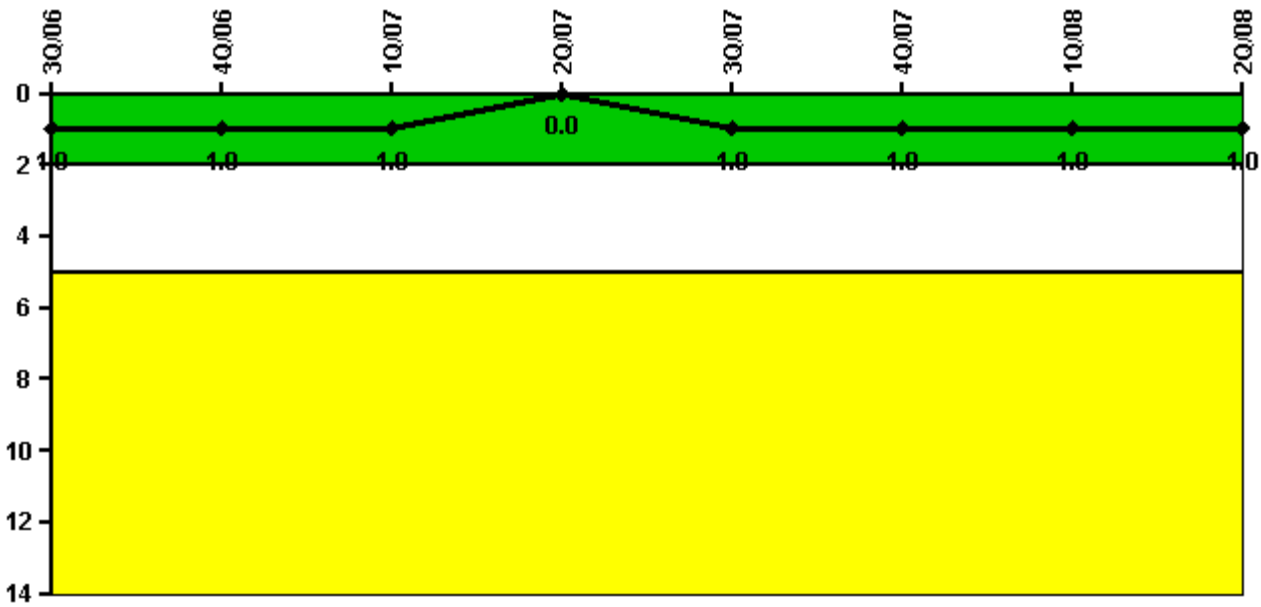
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	183	183	183	183	183	183	182	183
Total sirens-tests	183	183	183	183	183	183	183	183
Indicator value	99.7%	99.9%	100.0%	100.0%	100.0%	100.0%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
High radiation area occurrences	0	0	0	0	1	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	0	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
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.