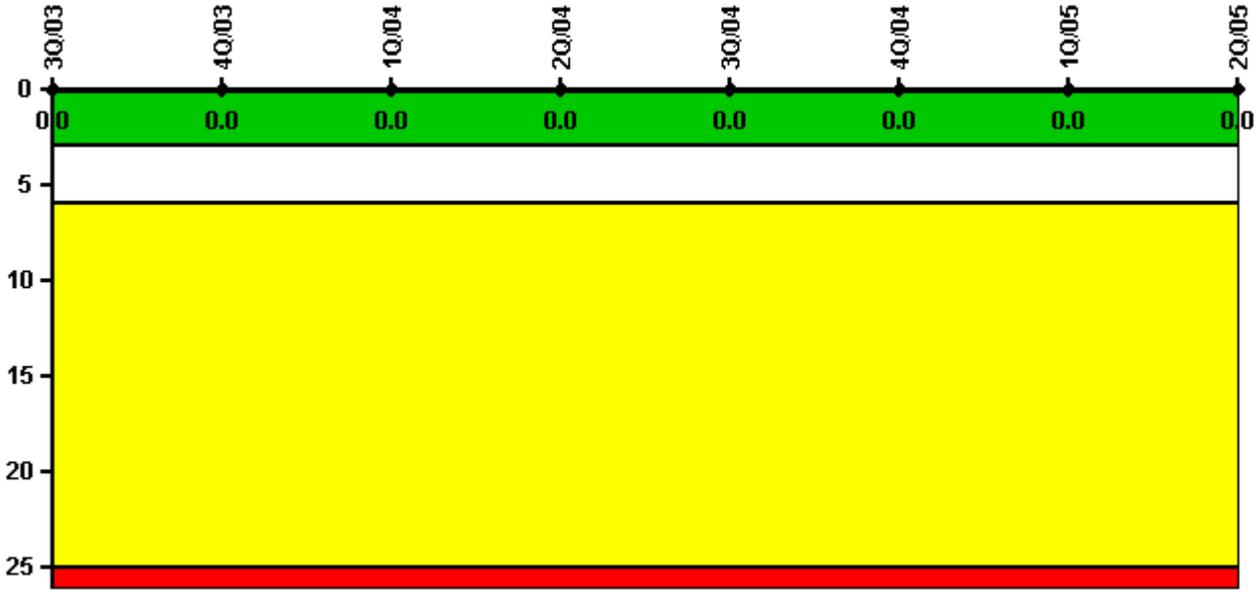


Waterford 3

2Q/2005 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



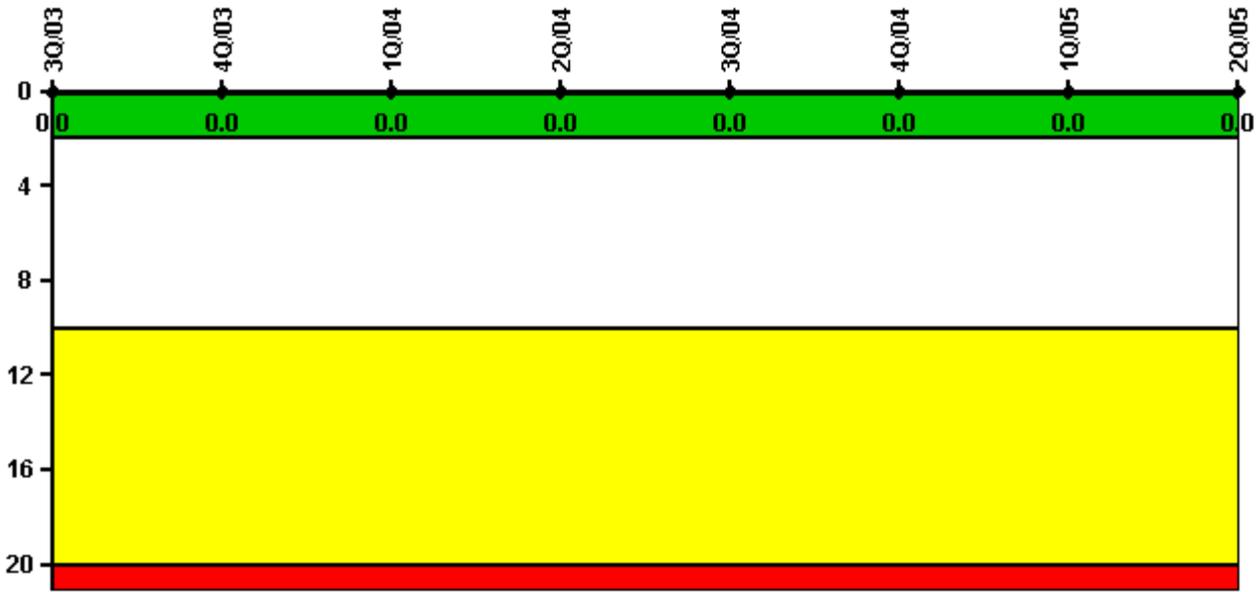
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	1457.1	2184.0	2183.0	2208.0	2209.0	2160.0	885.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



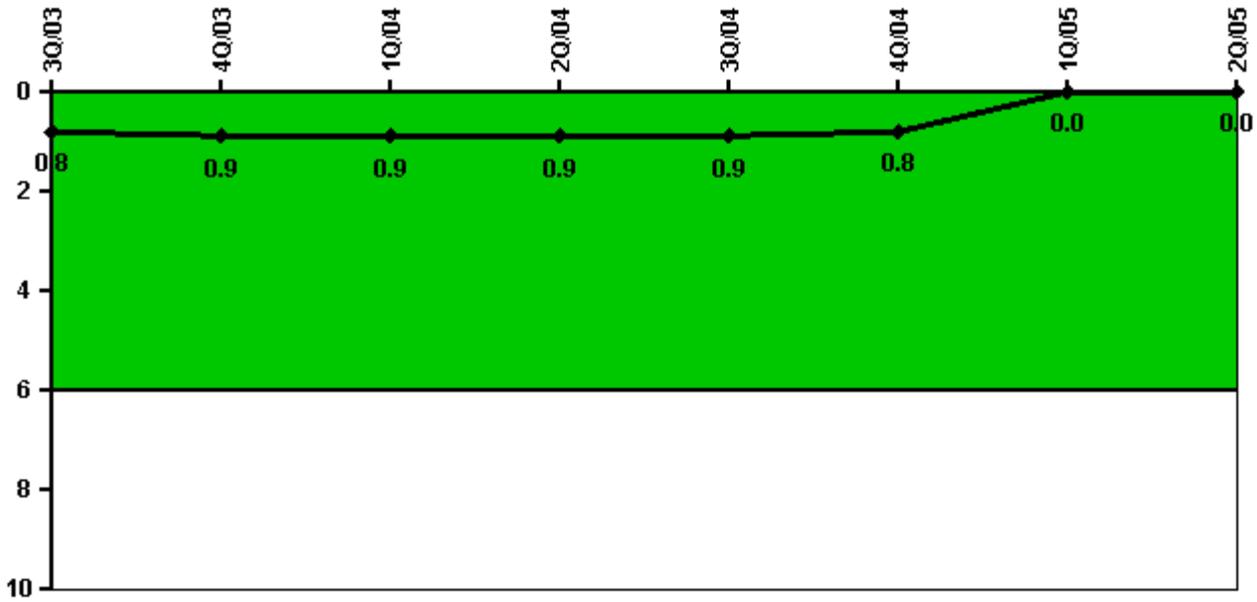
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
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



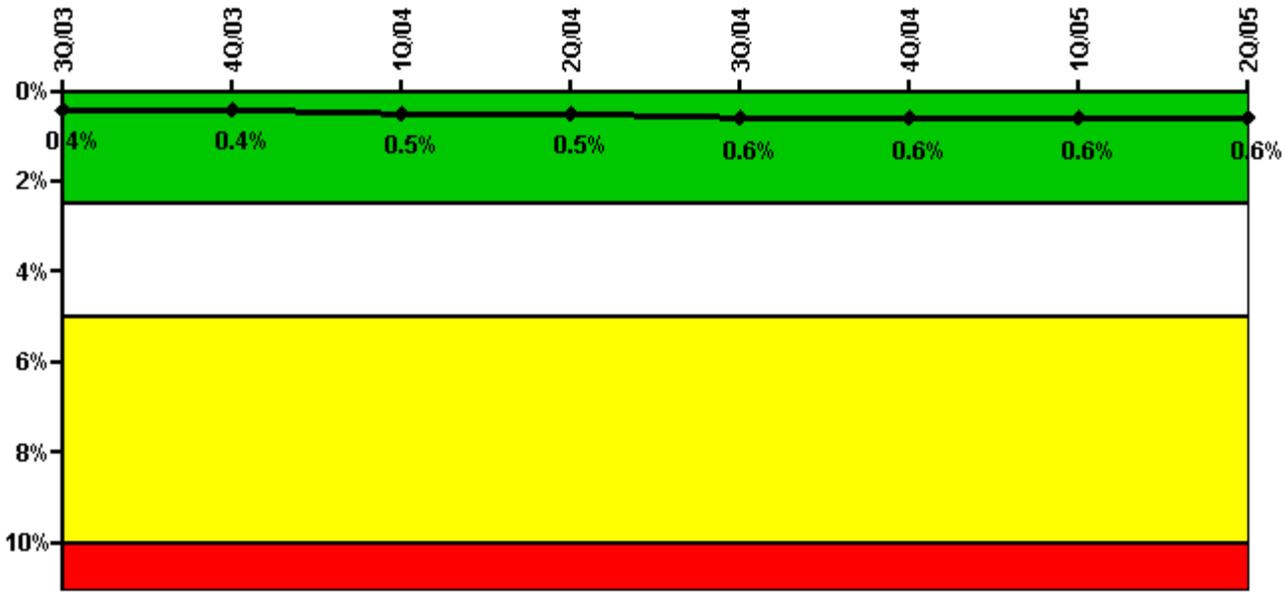
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	1457.1	2184.0	2183.0	2208.0	2209.0	2160.0	885.0
Indicator value	0.8	0.9	0.9	0.9	0.9	0.8	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

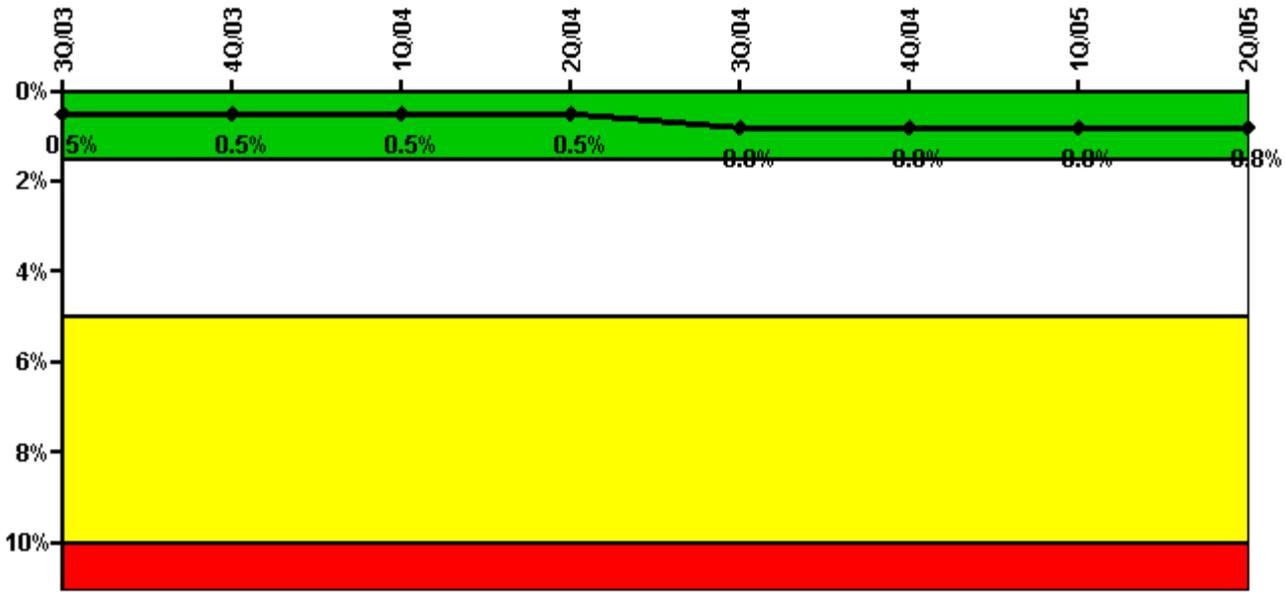
Notes

Safety System Unavailability, Emergency AC Power	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	4.67	7.62	0	1.18	3.40	4.00	6.73	10.40
Unplanned unavailable hours	16.97	0	0	0	32.40	1.27	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2076.50	2184.00	2183.00	2208.00	2209.00	2160.00	1999.87
Train 2								
Planned unavailable hours	0	0	6.86	0	10.08	16.59	0	0
Unplanned unavailable hours	0	0	22.82	0.05	28.68	17.65	1.62	7.20
Fault exposure hours	0	0	0	0	0	0	22.23	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2076.50	2184.00	2183.00	2208.00	2209.00	2160.00	1999.87
Indicator value	0.4%	0.4%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%

Licensee Comments:

2Q/05: Fault exposure of 140.38 hours is being reported as T/2 for train 2 of the Emergency AC Power System. Emergency Diesel Generator B was discovered inoperable with an indeterminate failure date. T/2 is calculated based on time between the last successful surveillance and discovery date.

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

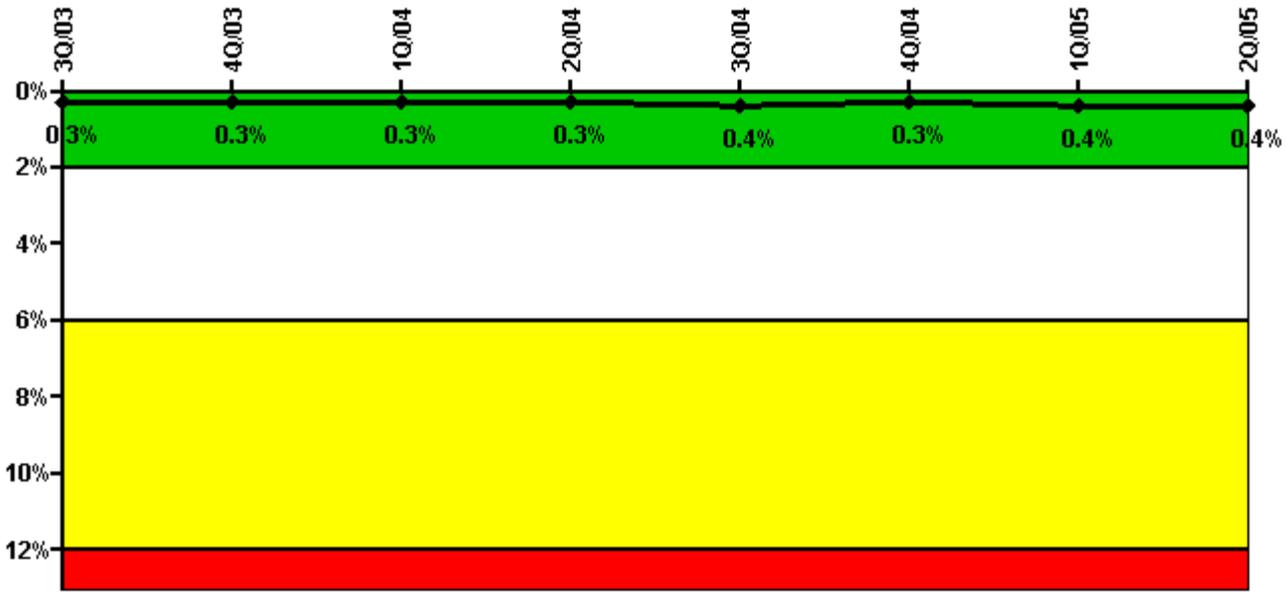
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	8.38	7.62	0	2.48	51.60	0	3.25	0.62
Unplanned unavailable hours	0	0	0	0	15.82	1.27	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1524.20	2184.00	2183.00	2208.00	2209.00	2160.00	938.52
Train 2								
Planned unavailable hours	1.83	0	6.86	19.07	42.97	22.80	0	0
Unplanned unavailable hours	4.65	0	0	0.05	38.35	0	1.62	5.78
Fault exposure hours	0	0	0	0	0	0	22.23	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1524.20	2184.00	2183.00	2208.00	2209.00	2160.00	938.52
Indicator value	0.5%	0.5%	0.5%	0.5%	0.8%	0.8%	0.8%	0.8%

Licensee Comments:

2Q/05: Waterford 3 is finalizing an evaluation for treating unavailability for the High Pressure Injection System.

Safety System Unavailability, Heat Removal System (AFW)



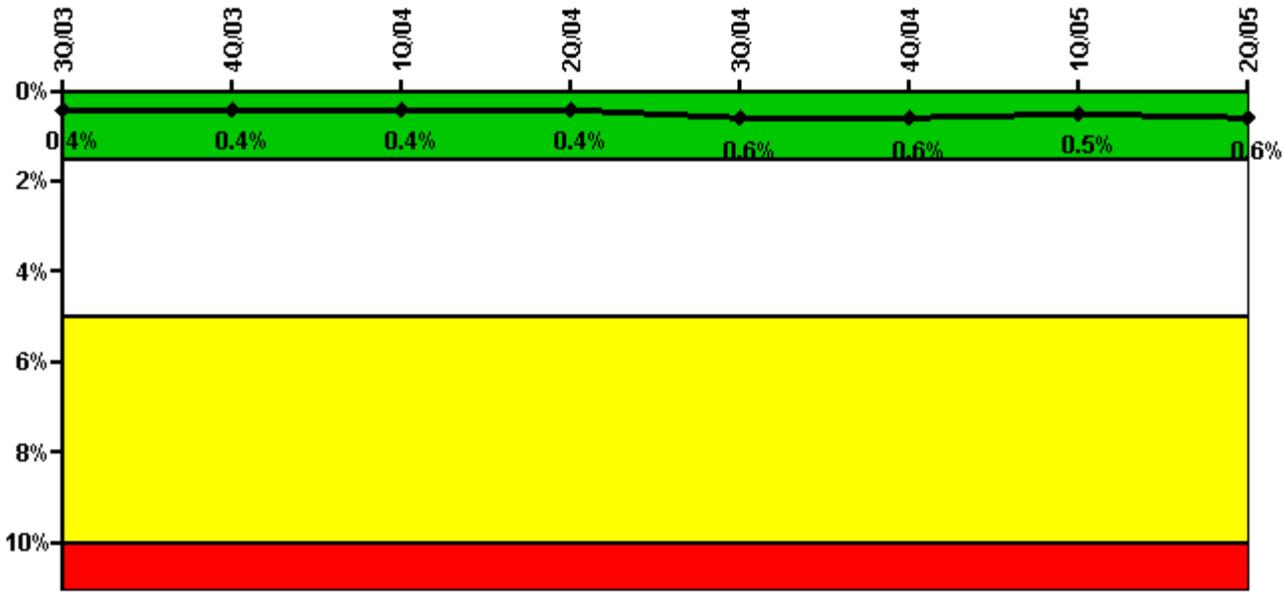
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	0	7.62	12.60	0	16.35	0	3.25	0.62
Unplanned unavailable hours	0	0	0	0	15.82	1.27	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1499.50	2184.00	2183.00	2208.00	2209.00	2160.00	938.52
Train 2								
Planned unavailable hours	12.82	0	21.58	0	4.50	9.57	12.35	0
Unplanned unavailable hours	0	0	0	0.05	0	0	1.62	5.78
Fault exposure hours	0	0	0	0	0	0	22.23	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1499.50	2184.00	2183.00	2208.00	2209.00	2160.00	938.52
Train 3								
Planned unavailable hours	3.15	0	0	20.53	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1499.50	2184.00	2183.00	2208.00	2209.00	2160.00	938.52
Indicator value	0.3%	0.3%	0.3%	0.3%	0.4%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

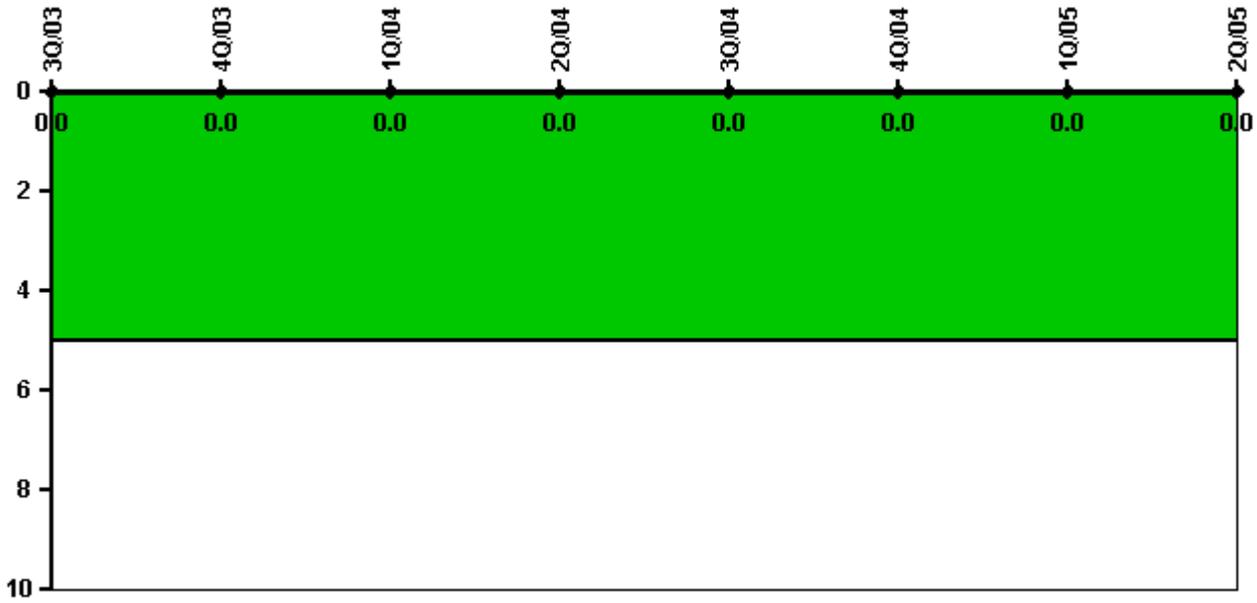
Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	0	7.62	26.33	0	48.46	0	3.25	13.15
Unplanned unavailable hours	0	0	0	0	15.82	1.27	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1499.50	2184.00	2183.00	2208.00	2209.00	2160.00	938.52
Train 2								
Planned unavailable hours	0	7.48	6.86	26.84	56.55	37.14	15.83	0
Unplanned unavailable hours	0	0	0	0.05	37.88	0	1.62	5.78
Fault exposure hours	0	0	0	0	0	0	22.23	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1499.50	2184.00	2183.00	2208.00	2209.00	2160.00	938.52
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	577.00	0	0	0	0	0	1061.35
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	6.37
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	577.00	0	0	0	0	0	1061.35
Indicator value	0.4%	0.4%	0.4%	0.4%	0.6%	0.6%	0.5%	0.6%

Licensee Comments:

2Q/05: Waterford 3 is finalizing an evaluation for treating unavailability for the Residual Heat Removal System.

Safety System Functional Failures (PWR)



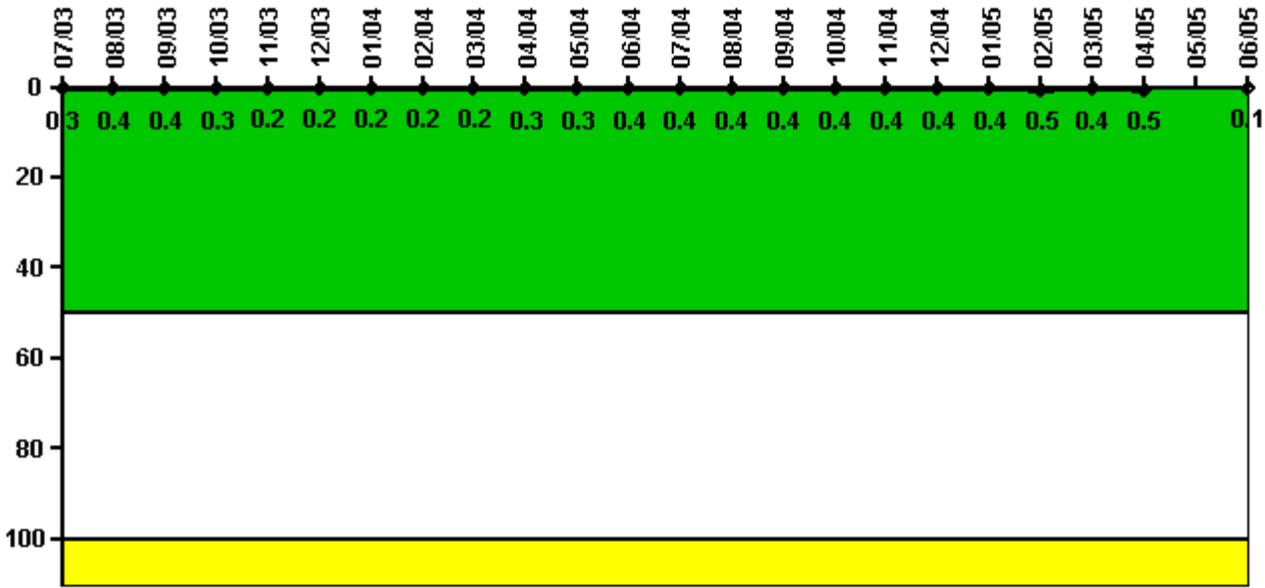
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

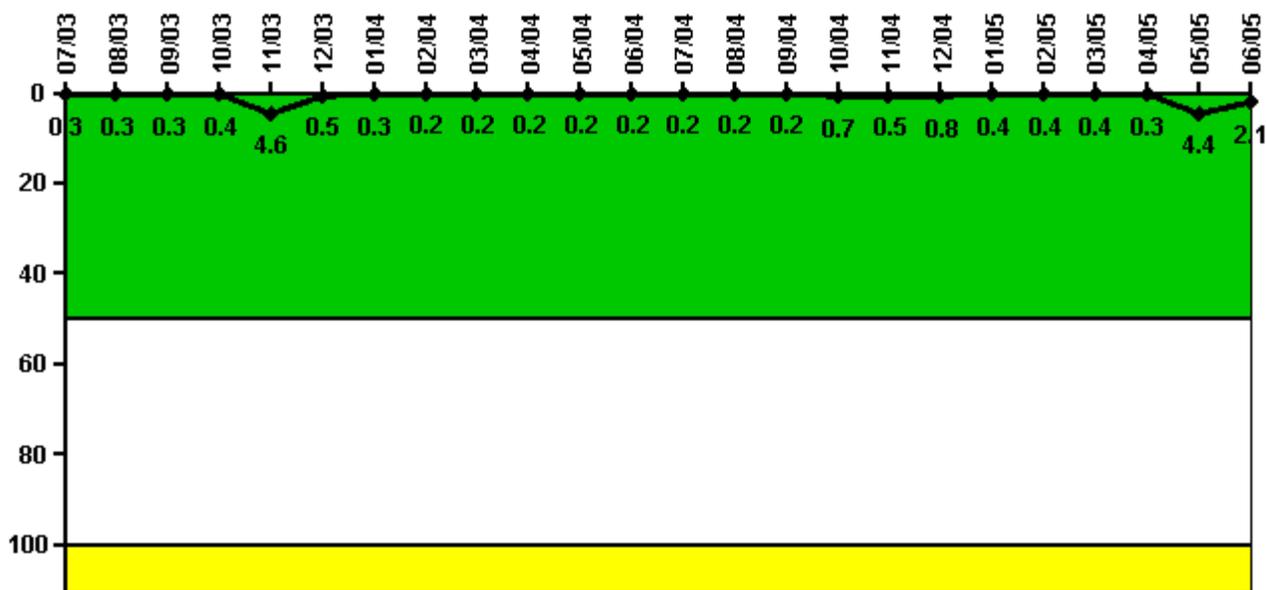
Notes

Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.003420	0.003750	0.003520	0.002950	0.002430	0.001880	0.001920	0.002120	0.002410	0.002840	0.003340	0.003600
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	0.3	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4

Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.003660	0.003660	0.003930	0.004410	0.004250	0.004330	0.004330	0.004810	0.004490	0.004510	N/A	0.000878
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	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.5	N/A	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

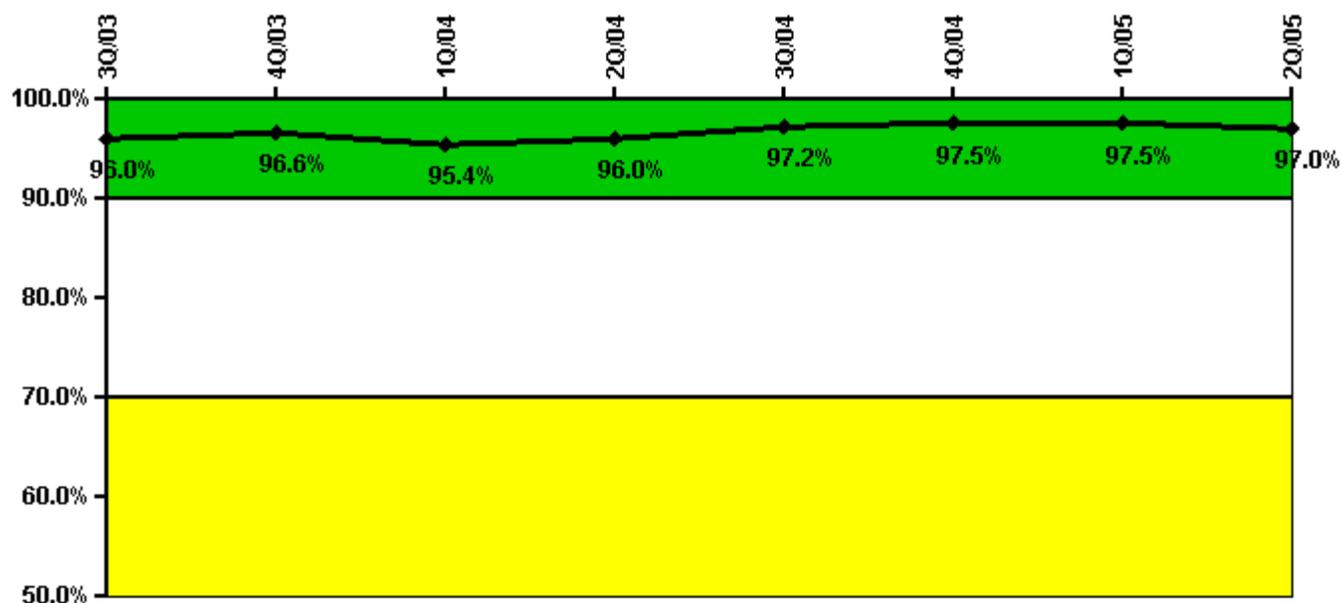
Notes

Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.027	0.028	0.028	0.037	0.464	0.046	0.026	0.017	0.018	0.020	0.021	0.016
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	0.3	0.3	0.4	4.6	0.5	0.3	0.2	0.2	0.2	0.2	0.2

Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	0.018	0.020	0.022	0.072	0.052	0.077	0.043	0.042	0.042	0.032	0.440	0.210
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	0.2	0.2	0.2	0.7	0.5	0.8	0.4	0.4	0.4	0.3	4.4	2.1

Licensee Comments: none

Drill/Exercise Performance



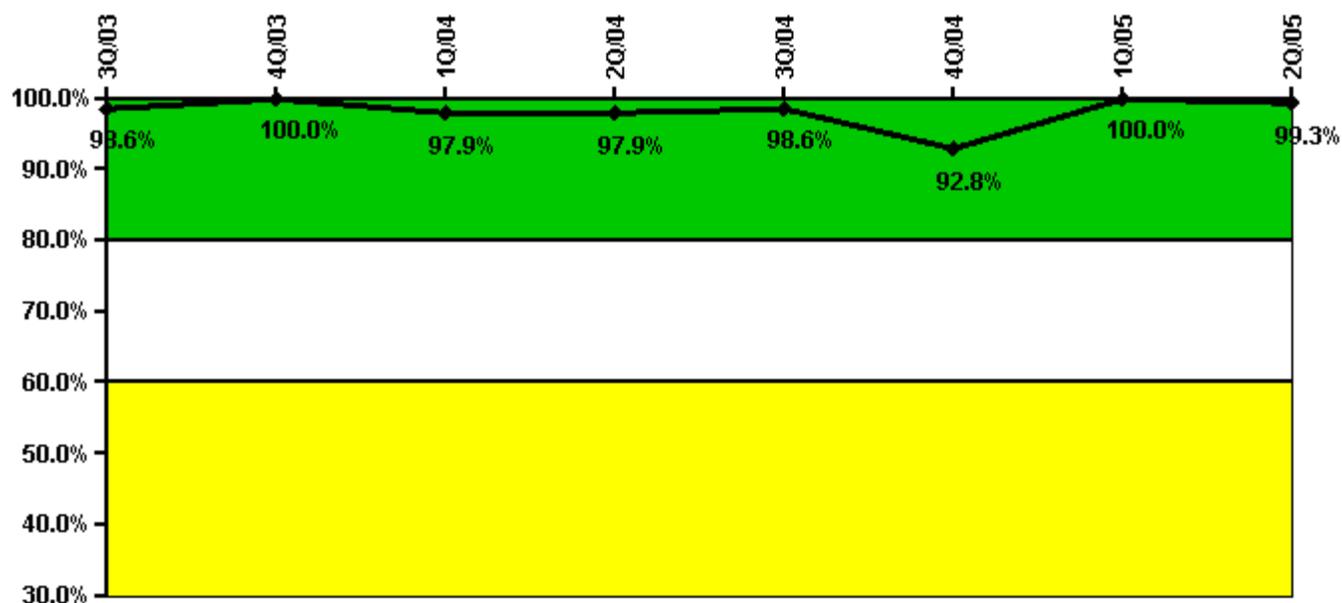
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	25.0	6.0	24.0	22.0	14.0	10.0	23.0	4.0
Total opportunities	26.0	6.0	26.0	22.0	14.0	10.0	24.0	4.0
Indicator value	96.0%	96.6%	95.4%	96.0%	97.2%	97.5%	97.5%	97.0%

Licensee Comments: none

ERO Drill Participation



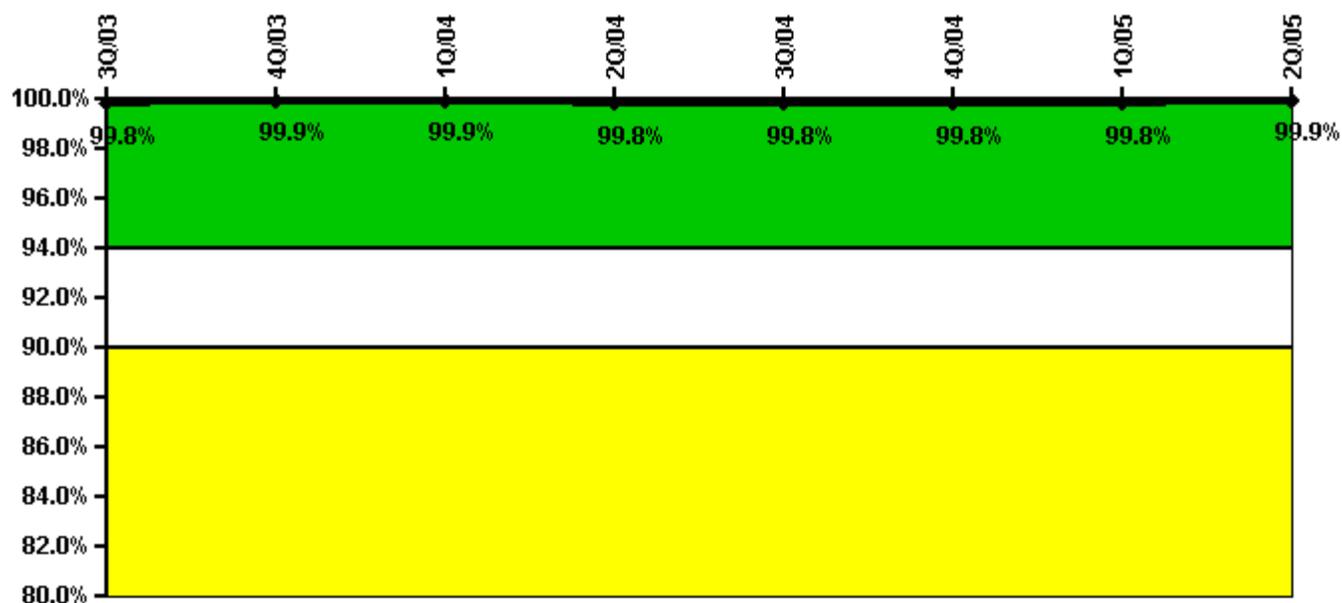
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	140.0	141.0	140.0	138.0	137.0	128.0	134.0	133.0
Total Key personnel	142.0	141.0	143.0	141.0	139.0	138.0	134.0	134.0
Indicator value	98.6%	100.0%	97.9%	97.9%	98.6%	92.8%	100.0%	99.3%

Licensee Comments: none

Alert & Notification System



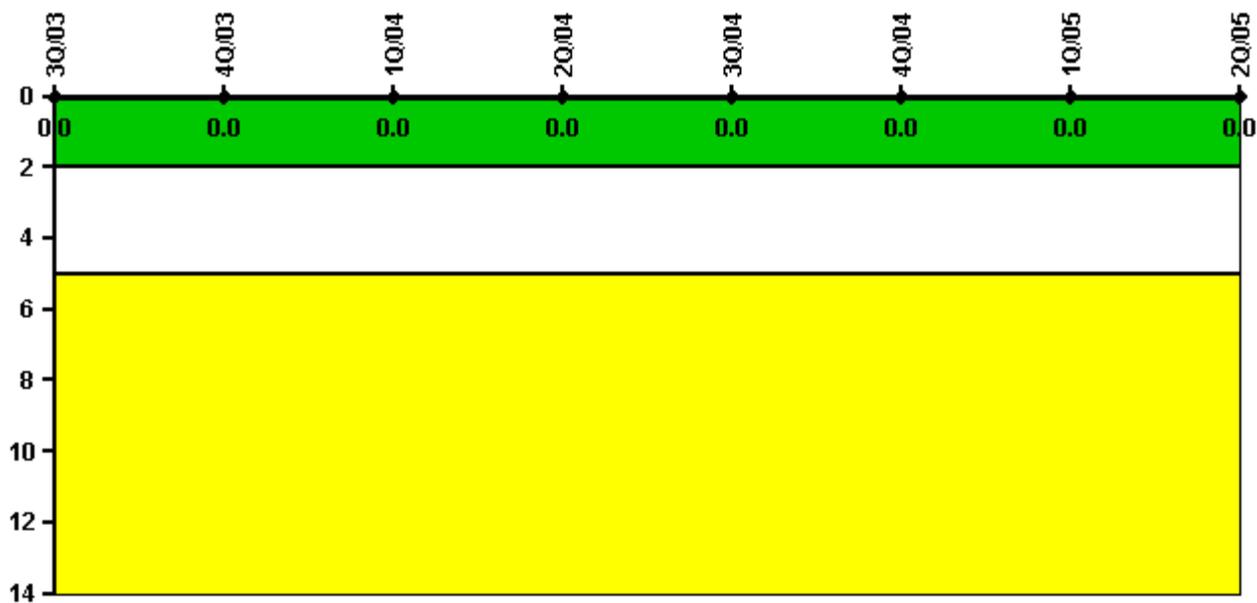
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	419	420	432	430	431	432	432	432
Total sirens-tests	420	420	432	432	432	432	432	432
Indicator value	99.8%	99.9%	99.9%	99.8%	99.8%	99.8%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
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							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
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 3, 2005