Oconee 1

1Q/2000 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	0	2.0	0	0
Critical hours	2160.0	1177.0	1975.0	2209.0	1802.5
Indicator value	**0**	**0**	**1.9**	**1.9**	**2.0**

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	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Scrams	0	0	0	0	0
Indicator value	**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	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	0	0	2.0	1.0	1.0
Critical hours	2160.0	1177.0	1975.0	2209.0	1802.5
Indicator value	**1.7**	**1.0**	**1.9**	**2.8**	**3.9**

Licensee Comments:

1Q/00: One unplanned power change incurred during first quarter of 2000: 02/16/00 - Unplanned shutdown to repair RCS pressure boundry leak upstream of 1RC-84

4Q/99: Changed to reflect One (not two) unplanned power change during 4Q99: 11/11/99 - Reduction to 70% F.P. due to 1C Hotwell Pump Trip This change does not affect the color of the PI.

Safety System Unavailability, HEG

Thresholds under development / review

Notes

Safety System Unavailability, HEG	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	74.50	18.52	163.18	36.85	70.21
Unplanned unavailable hours	0.58	0	0	0	45.46
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	1877.00
Train 2					
Planned unavailable hours	22.46	0	49.71	33.91	56.88
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	1877.00
Indicator value	**1.5%**	**1.5%**	**1.8%**	**1.7%**	**1.8%**

Licensee Comments:

1Q/00: Emergency AC Power system at Oconee is supplied by the two unit Keowee hydroelectric station. Threshold criteria is under development.

4Q/99: This Emergency AC Power system at Oconee is supplied by the 2 unit Keowee hydroelectric station. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

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)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	9.89	13.52	8.85	0.42	14.56
Unplanned unavailable hours	0	0	0	1.00	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1175.00	2112.00	2208.00	1850.00
Train 2					
Planned unavailable hours	12.25	12.96	15.55	1.02	20.87
Unplanned unavailable hours	4.90	0	0	1.00	4.33
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1175.00	2112.00	2208.00	1850.00
Indicator value	**0.3%**	**0.4%**	**0.5%**	**0.4%**	**0.5%**

Licensee Comments: none

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)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	9.00	0	13.70	1.13	5.80
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1200.00	2143.00	744.00	1864.00
Train 2					
Planned unavailable hours	9.30	0	10.60	1.13	10.18
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1200.00	2143.00	744.00	1864.00
Train 3					
Planned unavailable hours	0	0	0	0	19.80
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1200.00	2143.00	744.00	1864.00
Indicator value	**0.2%**	**0.2%**	**0.3%**	**0.2%**	**0.3%**

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	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	43.30	20.17	16.13	26.97	16.19
Unplanned unavailable hours	0	0	0	0	0.18
Fault exposure hours	0	0	0	0	34.88
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2036.30	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	39.20	18.49	27.02	11.16	17.25
Unplanned unavailable hours	0	28.50	0	0	4.01
Fault exposure hours	0	24.35	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2036.30	2208.00	2209.00	2184.00
Indicator value	**0.8%**	**0.9%**	**1.0%**	**1.0%**	**1.1%**

Licensee Comments:

4Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

4Q/99: The Train 2 - Number of planned unavailable hours for 4Q99 was changed due to a recalculation of data. This change does not affect the color of the indicator.

4Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator.

3Q/99: Number of planned unavailable hours for 3Q99 was changed due to a recalculation of data. This change does not affect the color of the indicator.

3Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator.

2Q/99: Number of planned unavailable hours for 2Q99 was changed due to a recalculation of data. This change does not affect the color of the indicator.

2Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator.

2Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/97: Number of unplanned unavailable hours for 2Q97 was changed due to a recalculation of data. This change does not affect the color of the indicator.

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator value	**3**	**2**	**2**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum activity	0.007265	0.007600	0	0.000329	0.006730	0.007770	0.006900	0.004000	0.006000	0.004161	0.004458	0.004438
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	**0.7**	**0.8**	**0**	**0**	**0.7**	**0.8**	**0.7**	**0.4**	**0.6**	**0.4**	**0.4**	**0.4**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	0.200	0.150	0	0.380	0.370	0.270	0.290	0.250	0.300	0.280	0.320	0.420
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	**2.0**	**1.5**	**0**	**3.8**	**3.7**	**2.7**	**2.9**	**2.5**	**3.0**	**2.8**	**3.2**	**4.2**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	6.0	8.0	12.0	42.0	19.0
Total opportunities	6.0	8.0	12.0	44.0	22.0
Indicator value	**97.8%**	**97.9%**	**97.9%**	**96.8%**	**95.2%**

Licensee Comments:

4Q/99: 4Q99 data is revised to incorporate notification opportunities for 12/99 NOUEs. This change does not affect the PI color.

1Q/99: 1Q99 data is revised to incorporate Alert opportunities/performance from drill 99-01-February. This change does not affect the PI color.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	124.0	124.0	129.0	135.0	138.0
Total Key personnel	146.0	146.0	140.0	141.0	142.0
Indicator value	**84.9%**	**84.9%**	**92.1%**	**95.7%**	**97.2%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	913	1133	1184	951	1256
Total sirens-tests	924	1162	1211	987	1267
Indicator value	**98.1%**	**97.9%**	**98.0%**	**97.6%**	**97.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	**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/99	2Q/99	3Q/99	4Q/99	1Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	30.00	6.00	49.00	183.00	33.00
CCTV compensatory hours	15.0	137.0	101.0	1.0	0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.016**	**0.024**	**0.019**	**0.020**	**0.019**

Licensee Comments:

1Q/00: The correct IDS Normalization Factor is 2.8 (not 2.4). This error occurred in 1Q00 only and does not affect the color of the Performance Indicator.

3Q/99: Changed IDS compensatory hours to 49. The correct historical data was submitted for Unit 2 and Unit 3 but was not correctly submitted for Unit 1. This change does not affect the PI color.

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Program failures	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Program Failures	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 1, 2002

Oconee 1

2Q/2000 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/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned scrams	0	2.0	0	0	0
Critical hours	1177.0	1975.0	2209.0	1802.5	2184.0
Indicator value	**0**	**1.9**	**1.9**	**2.0**	**1.7**

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/99	3Q/99	4Q/99	1Q/00	2Q/00
Scrams	0	0	0	0	0
Indicator value	**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/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	0	2.0	1.0	1.0	0
Critical hours	1177.0	1975.0	2209.0	1802.5	2184.0
Indicator value	**1.0**	**1.9**	**2.8**	**3.9**	**3.4**

Licensee Comments: none

Safety System Unavailability, HEG

Thresholds under development / review

Notes

Safety System Unavailability, HEG	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	18.52	163.18	36.85	70.21	102.25
Unplanned unavailable hours	0	0	0	45.46	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1877.00	2184.00
Train 2					
Planned unavailable hours	0	49.71	33.91	56.88	15.42
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1877.00	2184.00
Indicator value	**1.5%**	**1.8%**	**1.7%**	**1.8%**	**1.9%**

Licensee Comments:

2Q/00: Emergency AC Power system at Oconee is supplied by the two unit Keowee hydroelectric station. Threshold criteria is under development.

4Q/99: This Emergency AC Power system at Oconee is supplied by the 2 unit Keowee hydroelectric station. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

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)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	13.52	8.85	0.42	14.56	15.31
Unplanned unavailable hours	0	0	1.00	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1175.00	2112.00	2208.00	1850.00	2184.00
Train 2					
Planned unavailable hours	12.96	15.55	1.02	20.87	19.66
Unplanned unavailable hours	0	0	1.00	4.33	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1175.00	2112.00	2208.00	1850.00	2184.00
Indicator value	**0.4%**	**0.5%**	**0.4%**	**0.5%**	**0.6%**

Licensee Comments: none

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)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	13.70	1.13	5.80	4.90
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1200.00	2143.00	744.00	1864.00	2184.00
Train 2					
Planned unavailable hours	0	10.60	1.13	10.18	6.30
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1200.00	2143.00	744.00	1864.00	2184.00
Train 3					
Planned unavailable hours	0	0	0	19.80	8.50
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1200.00	2143.00	744.00	1864.00	2184.00
Indicator value	**0.2%**	**0.3%**	**0.2%**	**0.3%**	**0.3%**

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	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	20.17	16.13	26.97	16.19	24.52
Unplanned unavailable hours	0	0	0	0.18	0
Fault exposure hours	0	0	0	34.88	0
Effective Reset hours	0	0	0	0	0
Required hours	2036.30	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	18.49	27.02	11.16	17.25	19.32
Unplanned unavailable hours	28.50	0	0	4.01	0
Fault exposure hours	24.35	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2036.30	2208.00	2209.00	2184.00	2183.00
Indicator value	**0.9%**	**1.0%**	**1.0%**	**1.1%**	**1.0%**

Licensee Comments:

2Q/00: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

4Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator.

4Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

3Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator.

2Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator.

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator value	**2**	**2**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.000329	0.006730	0.007770	0.006900	0.004000	0.006000	0.004161	0.004458	0.004438	0.004574	0.005265	0.005631
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**	**0.7**	**0.8**	**0.7**	**0.4**	**0.6**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.6**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	0.380	0.370	0.270	0.290	0.250	0.300	0.280	0.320	0.420	0.340	0.310	0.270
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	**3.8**	**3.7**	**2.7**	**2.9**	**2.5**	**3.0**	**2.8**	**3.2**	**4.2**	**3.4**	**3.1**	**2.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	8.0	12.0	42.0	19.0	71.0
Total opportunities	8.0	12.0	44.0	22.0	74.0
Indicator value	**97.9%**	**97.9%**	**96.8%**	**95.2%**	**95.3%**

Licensee Comments:

4Q/99: 4Q99 data is revised to incorporate notification opportunities for 12/99 NOUEs. This change does not affect the PI color.

1Q/99: 1Q99 data is revised to incorporate Alert opportunities/performance from drill 99-01-February. This change does not affect the PI color.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel	124.0	129.0	135.0	138.0	137.0
Total Key personnel	146.0	140.0	141.0	142.0	140.0
Indicator value	**84.9%**	**92.1%**	**95.7%**	**97.2%**	**97.9%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	1133	1184	951	1256	1205
Total sirens-tests	1162	1211	987	1267	1225
Indicator value	**97.9%**	**98.0%**	**97.6%**	**97.8%**	**98.0%**

Licensee Comments:

2Q/00: There was an error in the entry of the 2Q/2000 monthly data. The corrected total quarterly data is submitted. This revision does not affect the color of the PI.

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	**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/99	3Q/99	4Q/99	1Q/00	2Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	6.00	49.00	183.00	33.00	664.00
CCTV compensatory hours	137.0	101.0	1.0	0	1.0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.024**	**0.019**	**0.020**	**0.019**	**0.025**

Licensee Comments:

2Q/00: The IDS Compensatory Hours were calculated in error. The corrected value had no effect on the color.

1Q/00: The correct IDS Normalization Factor is 2.8 (not 2.4). This error occurred in 1Q00 only and does not affect the color of the Performance Indicator.

3Q/99: Changed IDS compensatory hours to 49. The correct historical data was submitted for Unit 2 and Unit 3 but was not correctly submitted for Unit 1. This change does not affect the PI color.

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Program failures	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Program Failures	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 1, 2002

Oconee 1

3Q/2000 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	2.0	0	0	0	0
Critical hours	1975.0	2209.0	1802.5	2184.0	2208.0
Indicator value	**1.9**	**1.9**	**2.0**	**1.7**	**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/99	4Q/99	1Q/00	2Q/00	3Q/00
Scrams	0	0	0	0	0
Indicator value	**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/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	2.0	1.0	1.0	0	0
Critical hours	1975.0	2209.0	1802.5	2184.0	2208.0
Indicator value	**1.9**	**2.8**	**3.9**	**3.4**	**1.7**

Licensee Comments:

3Q/00: No unplanned power changes incurred during third quarter 2000. Power reduction on 9/21/00 to replace HPI pump motor was determined to be a planned evolution (PIP 00-3395).

Safety System Unavailability, HEG

Thresholds under development / review

Notes

Safety System Unavailability, HEG	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	163.18	36.85	70.21	102.25	33.23
Unplanned unavailable hours	0	0	45.46	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	1877.00	2184.00	2208.00
Train 2					
Planned unavailable hours	49.71	33.91	56.88	15.42	64.77
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	1877.00	2184.00	2208.00
Indicator value	**1.8%**	**1.7%**	**1.8%**	**1.9%**	**1.9%**

Licensee Comments:

4Q/99: This Emergency AC Power system at Oconee is supplied by the 2 unit Keowee hydroelectric station. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

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/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	8.85	0.42	14.56	15.31	41.13
Unplanned unavailable hours	0	1.00	0	0	2.49
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2112.00	2208.00	1850.00	2184.00	2208.00
Train 2					
Planned unavailable hours	15.55	1.02	20.87	19.66	41.45
Unplanned unavailable hours	0	1.00	4.33	0	2.49
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2112.00	2208.00	1850.00	2184.00	2208.00
Indicator value	**0.5%**	**0.4%**	**0.5%**	**0.6%**	**0.7%**

Licensee Comments: none

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/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	13.70	1.13	5.80	4.90	3.30
Unplanned unavailable hours	0	0	0	0	2.40
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2143.00	744.00	1864.00	2184.00	2208.00
Train 2					
Planned unavailable hours	10.60	1.13	10.18	6.30	7.80
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2143.00	744.00	1864.00	2184.00	2208.00
Train 3					
Planned unavailable hours	0	0	19.80	8.50	21.90
Unplanned unavailable hours	0	0	0	0	4.70
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2143.00	744.00	1864.00	2184.00	2208.00
Indicator value	**0.3%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**

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/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	16.13	26.97	16.19	24.52	5.20
Unplanned unavailable hours	0	0	0.18	0	0
Fault exposure hours	0	0	34.88	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	27.02	11.16	17.25	19.32	4.60
Unplanned unavailable hours	0	0	4.01	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	**1.0%**	**1.0%**	**1.1%**	**1.0%**	**1.0%**

Licensee Comments:

2Q/00: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

4Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator value	**2**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.006900	0.004000	0.006000	0.004161	0.004458	0.004438	0.004574	0.005265	0.005631	0.005709	0.005660	0.006433
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	**0.7**	**0.4**	**0.6**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.290	0.250	0.300	0.280	0.320	0.420	0.340	0.310	0.270	0.300	0.340	0.410
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	**2.9**	**2.5**	**3.0**	**2.8**	**3.2**	**4.2**	**3.4**	**3.1**	**2.7**	**3.0**	**3.4**	**4.1**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	12.0	42.0	19.0	71.0	17.0
Total opportunities	12.0	44.0	22.0	74.0	17.0
Indicator value	**97.9%**	**96.8%**	**95.2%**	**95.3%**	**95.9%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel	129.0	135.0	138.0	137.0	138.0
Total Key personnel	140.0	141.0	142.0	140.0	138.0
Indicator value	**92.1%**	**95.7%**	**97.2%**	**97.9%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	1184	951	1256	1205	1194
Total sirens-tests	1211	987	1267	1225	1211
Indicator value	**98.0%**	**97.6%**	**97.8%**	**98.0%**	**98.2%**

Licensee Comments:

2Q/00: There was an error in the entry of the 2Q/2000 monthly data. The corrected total quarterly data is submitted. This revision does not affect the color of the PI.

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	49.00	183.00	33.00	664.00	162.00
CCTV compensatory hours	101.0	1.0	0	1.0	8.0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.019**	**0.020**	**0.019**	**0.025**	**0.022**

Licensee Comments:

3Q/00: The IDS Compensatory Hours were calculated in error. The corrected value had no effect on the color.

2Q/00: The IDS Compensatory Hours were calculated in error. The corrected value had no effect on the color.

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Program failures	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Program Failures	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Last Modified: March 29, 2002

Oconee 1

4Q/2000 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	2209.0	1802.5	2184.0	2208.0	1275.4
Indicator value	**1.9**	**2.0**	**1.7**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Scrams	0	0	0	0	0
Indicator value	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	1.0	1.0	0	0	0
Critical hours	2209.0	1802.5	2184.0	2208.0	1275.4
Indicator value	**2.8**	**3.9**	**3.4**	**1.7**	**0.9**

Licensee Comments: none

Safety System Unavailability, HEG

Thresholds under development / review

Notes

Safety System Unavailability, HEG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	36.85	70.21	102.25	33.23	111.97
Unplanned unavailable hours	0	45.46	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	1877.00	2184.00	2208.00	2208.00
Train 2					
Planned unavailable hours	33.91	56.88	15.42	64.77	0.95
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	1877.00	2184.00	2208.00	2208.00
Indicator value	**1.7%**	**1.8%**	**1.9%**	**1.9%**	**2.0%**

Licensee Comments:

4Q/99: This Emergency AC Power system at Oconee is supplied by the 2 unit Keowee hydroelectric station. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0.42	14.56	15.31	41.13	3.39
Unplanned unavailable hours	1.00	0	0	2.49	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	1850.00	2184.00	2208.00	1286.00
Train 2					
Planned unavailable hours	1.02	20.87	19.66	41.45	8.35
Unplanned unavailable hours	1.00	4.33	0	2.49	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	1850.00	2184.00	2208.00	1286.00
Indicator value	**0.4%**	**0.5%**	**0.6%**	**0.7%**	**0.7%**

Licensee Comments:

4Q/00: U1EOC19 refueling outage was in progress 11/23/2000 through 12/31/2000.

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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	1.13	5.80	4.90	3.30	0
Unplanned unavailable hours	0	0	0	2.40	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	744.00	1864.00	2184.00	2208.00	1296.00
Train 2					
Planned unavailable hours	1.13	10.18	6.30	7.80	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	744.00	1864.00	2184.00	2208.00	1296.00
Train 3					
Planned unavailable hours	0	19.80	8.50	21.90	0
Unplanned unavailable hours	0	0	0	4.70	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	744.00	1864.00	2184.00	2208.00	1296.00
Indicator value	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments:

4Q/00: U1EOC19 refueling outage was in progress 11/23/2000 through 12/31/2000.

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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	26.97	16.19	24.52	5.20	16.20
Unplanned unavailable hours	0	0.18	0	0	15.00
Fault exposure hours	0	34.88	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	11.16	17.25	19.32	4.60	18.50
Unplanned unavailable hours	0	4.01	0	0	15.00
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**1.0%**	**1.1%**	**1.0%**	**1.0%**	**1.1%**

Licensee Comments:

4Q/00: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/00: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

4Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.004161	0.004458	0.004438	0.004574	0.005265	0.005631	0.005709	0.005660	0.006433	0.006372	0.006462	0
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**	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0**

Licensee Comments:

12/00: U1EOC19 refueling outage was in progress 11/23/2000 through 12/31/2000.

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.280	0.320	0.420	0.340	0.310	0.270	0.300	0.340	0.410	0.210	0.290	0
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	**2.8**	**3.2**	**4.2**	**3.4**	**3.1**	**2.7**	**3.0**	**3.4**	**4.1**	**2.1**	**2.9**	**0**

Licensee Comments:

12/00: U1EOC19 refueling outage was in progress 11/23/2000 through 12/31/2000.

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	42.0	19.0	71.0	17.0	38.0
Total opportunities	44.0	22.0	74.0	17.0	39.0
Indicator value	**96.8%**	**95.2%**	**95.3%**	**95.9%**	**95.9%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	135.0	138.0	137.0	138.0	132.0
Total Key personnel	141.0	142.0	140.0	138.0	139.0
Indicator value	**95.7%**	**97.2%**	**97.9%**	**100.0%**	**95.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	951	1256	1205	1194	1320
Total sirens-tests	987	1267	1225	1211	1330
Indicator value	**97.6%**	**97.8%**	**98.0%**	**98.2%**	**98.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	183.00	33.00	664.00	162.00	225.00
CCTV compensatory hours	1.0	0	1.0	8.0	0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.020**	**0.019**	**0.025**	**0.022**	**0.023**

Licensee Comments:

3Q/00: The IDS Compensatory Hours were calculated in error. The corrected value had no effect on the color.

2Q/00: The IDS Compensatory Hours were calculated in error. The corrected value had no effect on the color.

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program failures	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program Failures	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Last Modified: March 28, 2002

Oconee 1

1Q/2001 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned scrams	0	0	0	0	0	0
Critical hours	2209.0	1802.5	2184.0	2208.0	1275.4	1871.0
Indicator value	**1.9**	**2.0**	**1.7**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Scrams	0	0	0	0	0	0
Indicator value	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	1.0	1.0	0	0	0	1.0
Critical hours	2209.0	1802.5	2184.0	2208.0	1275.4	1871.0
Indicator value	**2.8**	**3.9**	**3.4**	**1.7**	**0.9**	**0.9**

Licensee Comments:

1Q/01: Unit 1 Cycle 20 (Startup 1/13/01) One unplanned power change incurred 1st quarter 2001. On 3/17/01 Unit 1 power was decreased to approximately 69% due to Reactor Coolant Pump electrical ground problems. Power was resumed the same day.

Safety System Unavailability, HEG

Thresholds under development / review

Notes

Safety System Unavailability, HEG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	36.85	70.21	102.25	33.23	111.97	50.77
Unplanned unavailable hours	0	45.46	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	1877.00	2184.00	2208.00	2208.00	2160.00
Train 2						
Planned unavailable hours	33.91	56.88	15.42	64.77	0.95	18.07
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	1877.00	2184.00	2208.00	2208.00	2160.00
Indicator value	**1.7%**	**1.8%**	**1.9%**	**1.9%**	**2.0%**	**2.1%**

Licensee Comments:

4Q/99: This Emergency AC Power system at Oconee is supplied by the 2 unit Keowee hydroelectric station. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0.42	14.56	15.31	41.13	3.39	3.51
Unplanned unavailable hours	1.00	0	0	2.49	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2208.00	1850.00	2184.00	2208.00	1286.00	1932.00
Train 2						
Planned unavailable hours	1.02	20.87	19.66	41.45	8.35	3.79
Unplanned unavailable hours	1.00	4.33	0	2.49	0	1.67
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2208.00	1850.00	2184.00	2208.00	1286.00	1932.00
Indicator value	**0.4%**	**0.5%**	**0.6%**	**0.7%**	**0.7%**	**0.6%**

Licensee Comments: none

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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	1.13	5.80	4.90	3.30	0	7.90
Unplanned unavailable hours	0	0	0	2.40	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	744.00	1864.00	2184.00	2208.00	1296.00	1944.00
Train 2						
Planned unavailable hours	1.13	10.18	6.30	7.80	0	9.40
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	744.00	1864.00	2184.00	2208.00	1296.00	1944.00
Train 3						
Planned unavailable hours	0	19.80	8.50	21.90	0	3.00
Unplanned unavailable hours	0	0	0	4.70	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	744.00	1864.00	2184.00	2208.00	1296.00	1944.00
Indicator value	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	26.97	16.19	24.52	5.20	16.20	11.50
Unplanned unavailable hours	0	0.18	0	0	15.00	0
Fault exposure hours	0	34.88	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	11.16	17.25	19.32	4.60	18.50	12.20
Unplanned unavailable hours	0	4.01	0	0	15.00	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.0%**	**1.1%**	**1.0%**	**1.0%**	**1.1%**	**1.2%**

Licensee Comments:

4Q/00: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/00: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

4Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Safety System Functional Failures	0	0	0	0	0	0
Indicator value	**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	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.006900	0.004000	0.006000	0.004161	0.004458	0.004438	0.004574	0.005265	0.005631	0.005709	0.005660	0.006433
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	**0.7**	**0.4**	**0.6**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.006372	0.006462	0	0.002600	0.006100	0.002600
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.6**	**0.6**	**0**	**0.3**	**0.6**	**0.3**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.290	0.250	0.300	0.280	0.320	0.420	0.340	0.310	0.270	0.300	0.340	0.410
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	**2.9**	**2.5**	**3.0**	**2.8**	**3.2**	**4.2**	**3.4**	**3.1**	**2.7**	**3.0**	**3.4**	**4.1**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.210	0.290	0	0.250	0.290	0.360
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.1**	**2.9**	**0**	**2.5**	**2.9**	**3.6**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	42.0	19.0	71.0	17.0	38.0	22.0
Total opportunities	44.0	22.0	74.0	17.0	39.0	22.0
Indicator value	**96.8%**	**95.2%**	**95.3%**	**95.9%**	**95.9%**	**96.2%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Participating Key personnel	135.0	138.0	137.0	138.0	132.0	131.0
Total Key personnel	141.0	142.0	140.0	138.0	139.0	137.0
Indicator value	**95.7%**	**97.2%**	**97.9%**	**100.0%**	**95.0%**	**95.6%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful siren-tests	951	1256	1205	1194	1320	1304
Total sirens-tests	987	1267	1225	1211	1330	1330
Indicator value	**97.6%**	**97.8%**	**98.0%**	**98.2%**	**98.8%**	**98.6%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
High radiation area occurrences	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0
Indicator value	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
RETS/ODCM occurrences	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
IDS compensatory hours	183.00	33.00	664.00	162.00	225.00	64.00
CCTV compensatory hours	1.0	0	1.0	8.0	0	1.0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.020**	**0.019**	**0.025**	**0.022**	**0.023**	**0.023**

Licensee Comments:

1Q/01: The IDS compensatory hours were revised. There was no change in color.

3Q/00: The IDS Compensatory Hours were calculated in error. The corrected value had no effect on the color.

2Q/00: The IDS Compensatory Hours were calculated in error. The corrected value had no effect on the color.

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Program failures	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Program Failures	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Action Matrix Summary | Reactor Oversight Process

Last Modified: March 28, 2002

Oconee 1

2Q/2001 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned scrams	0	0	0	0	0	0	0
Critical hours	2209.0	1802.5	2184.0	2208.0	1275.4	1871.0	2183.0
Indicator value	**1.9**	**2.0**	**1.7**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Scrams	0	0	0	0	0	0	0
Indicator value	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	1.0	1.0	0	0	0	1.0	1.0
Critical hours	2209.0	1802.5	2184.0	2208.0	1275.4	1871.0	2183.0
Indicator value	**2.8**	**3.9**	**3.4**	**1.7**	**0.9**	**0.9**	**1.9**

Licensee Comments:

2Q/01: One unplanned power change incurred during May for hydrogen seal oil tank level control problem.

Safety System Unavailability, HEG

Thresholds under development / review

Notes

Safety System Unavailability, HEG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	36.85	70.21	102.25	33.23	111.97	50.77	27.98
Unplanned unavailable hours	0	45.46	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	1877.00	2184.00	2208.00	2208.00	2160.00	2184.00
Train 2							
Planned unavailable hours	33.91	56.88	15.42	64.77	0.95	18.07	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	1877.00	2184.00	2208.00	2208.00	2160.00	2184.00
Indicator value	**1.7%**	**1.8%**	**1.9%**	**1.9%**	**2.0%**	**2.1%**	**2.1%**

Licensee Comments:

4Q/99: This Emergency AC Power system at Oconee is supplied by the 2 unit Keowee hydroelectric station. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0.42	14.56	15.31	41.13	3.39	3.51	7.39
Unplanned unavailable hours	1.00	0	0	2.49	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2208.00	1850.00	2184.00	2208.00	1286.00	1932.00	2184.00
Train 2							
Planned unavailable hours	1.02	20.87	19.66	41.45	8.35	3.79	9.71
Unplanned unavailable hours	1.00	4.33	0	2.49	0	1.67	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2208.00	1850.00	2184.00	2208.00	1286.00	1932.00	2184.00
Indicator value	**0.4%**	**0.5%**	**0.6%**	**0.7%**	**0.7%**	**0.6%**	**0.7%**

Licensee Comments: none

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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	1.13	5.80	4.90	3.30	0	7.90	1.70
Unplanned unavailable hours	0	0	0	2.40	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	744.00	1864.00	2184.00	2208.00	1296.00	1944.00	2184.00
Train 2							
Planned unavailable hours	1.13	10.18	6.30	7.80	0	9.40	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	49.20
Effective Reset hours	0	0	0	0	0	0	0
Required hours	744.00	1864.00	2184.00	2208.00	1296.00	1944.00	2184.00
Train 3							
Planned unavailable hours	0	19.80	8.50	21.90	0	3.00	21.70
Unplanned unavailable hours	0	0	0	4.70	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	744.00	1864.00	2184.00	2208.00	1296.00	1944.00	2184.00
Indicator value	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	26.97	16.19	24.52	5.20	16.20	11.50	19.20
Unplanned unavailable hours	0	0.18	0	0	15.00	0	0
Fault exposure hours	0	34.88	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	11.16	17.25	19.32	4.60	18.50	12.20	10.70
Unplanned unavailable hours	0	4.01	0	0	15.00	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.0%**	**1.1%**	**1.0%**	**1.0%**	**1.1%**	**1.2%**	**1.2%**

Licensee Comments:

2Q/01: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

4Q/00: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/00: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

4Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Safety System Functional Failures	0	0	0	0	0	0	0
Indicator value	**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	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.006900	0.004000	0.006000	0.004161	0.004458	0.004438	0.004574	0.005265	0.005631	0.005709	0.005660	0.006433
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	**0.7**	**0.4**	**0.6**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.006372	0.006462	0	0.002600	0.006100	0.002600	0.003200	0.003200	0.003600
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.6**	**0.6**	**0**	**0.3**	**0.6**	**0.3**	**0.3**	**0.3**	**0.4**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.290	0.250	0.300	0.280	0.320	0.420	0.340	0.310	0.270	0.300	0.340	0.410
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	**2.9**	**2.5**	**3.0**	**2.8**	**3.2**	**4.2**	**3.4**	**3.1**	**2.7**	**3.0**	**3.4**	**4.1**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.210	0.290	0	0.250	0.290	0.360	0.160	0.200	0.190
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.1**	**2.9**	**0**	**2.5**	**2.9**	**3.6**	**1.6**	**2.0**	**1.9**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	42.0	19.0	71.0	17.0	38.0	22.0	23.0
Total opportunities	44.0	22.0	74.0	17.0	39.0	22.0	25.0
Indicator value	**96.8%**	**95.2%**	**95.3%**	**95.9%**	**95.9%**	**96.2%**	**95.7%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	135.0	138.0	137.0	138.0	132.0	131.0	135.0
Total Key personnel	141.0	142.0	140.0	138.0	139.0	137.0	144.0
Indicator value	**95.7%**	**97.2%**	**97.9%**	**100.0%**	**95.0%**	**95.6%**	**93.8%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	951	1256	1205	1194	1320	1304	1246
Total sirens-tests	987	1267	1225	1211	1330	1330	1275
Indicator value	**97.6%**	**97.8%**	**98.0%**	**98.2%**	**98.8%**	**98.6%**	**98.4%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
High radiation area occurrences	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0
Indicator value	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	183.00	33.00	664.00	162.00	225.00	64.00	91.00
CCTV compensatory hours	1.0	0	1.0	8.0	0	1.0	14.0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.020**	**0.019**	**0.025**	**0.022**	**0.023**	**0.023**	**0.012**

Licensee Comments:

1Q/01: The IDS compensatory hours were revised. There was no change in color.

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Program failures	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Program Failures	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Last Modified: March 27, 2002

Oconee 1

3Q/2001 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2209.0	1802.5	2184.0	2208.0	1275.4	1871.0	2183.0	2143.4
Indicator value	**1.9**	**2.0**	**1.7**	**0**	**0**	**0**	**0**	**0.9**

Licensee Comments:

3Q/01: On 9/12/01 a trip occured due to phase bus failure. This is documented in PIP O-01-03367.

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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Scrams	0	0	0	0	0	0	0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**

Licensee Comments:

3Q/01: One reactor scram with loss of normal heat removal in 3Q 2001. PIP O-01-03367 documents this event.

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	1.0	1.0	0	0	0	1.0	1.0	0
Critical hours	2209.0	1802.5	2184.0	2208.0	1275.4	1871.0	2183.0	2153.4
Indicator value	**2.8**	**3.9**	**3.4**	**1.7**	**0.9**	**0.9**	**1.9**	**1.9**

Licensee Comments:

3Q/01: Per NEI 99-02, rev 1, this reduction was determined to be planned in response to a expected problem.

3Q/01: On 9/17/01, power was decreased to 50% due to exceeding temperature limits on the generator disconnect switch, documented in PIP O-01-03415.

Safety System Unavailability, HEG

Thresholds under development / review

Notes

Safety System Unavailability, HEG	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	36.85	70.21	102.25	33.23	111.97	50.77	27.98	88.19
Unplanned unavailable hours	0	45.46	0	0	0	0	0	50.40
Fault exposure hours	0	0	0	0	0	0	0	14.26
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1877.00	2184.00	2208.00	2208.00	2160.00	2184.00	2208.00
Train 2								
Planned unavailable hours	33.91	56.88	15.42	64.77	0.95	18.07	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	2209.00	1877.00	2184.00	2208.00	2208.00	2160.00	2184.00	2208.00
Indicator value	**1.7%**	**1.8%**	**1.9%**	**1.9%**	**2.0%**	**2.1%**	**2.1%**	**2.3%**

Licensee Comments:

4Q/99: This Emergency AC Power system at Oconee is supplied by the 2 unit Keowee hydroelectric station. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0.42	14.56	15.31	41.13	3.39	3.51	7.39	13.89
Unplanned unavailable hours	1.00	0	0	2.49	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	1850.00	2184.00	2208.00	1286.00	1932.00	2184.00	2208.00
Train 2								
Planned unavailable hours	1.02	20.87	19.66	41.45	8.35	3.79	9.71	5.14
Unplanned unavailable hours	1.00	4.33	0	2.49	0	1.67	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	1850.00	2184.00	2208.00	1286.00	1932.00	2184.00	2208.00
Indicator value	**0.4%**	**0.5%**	**0.6%**	**0.7%**	**0.7%**	**0.6%**	**0.7%**	**0.6%**

Licensee Comments: none

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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	1.13	5.80	4.90	3.30	0	7.90	1.70	13.90
Unplanned unavailable hours	0	0	0	2.40	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	744.00	1864.00	2184.00	2208.00	1296.00	1944.00	2184.00	2208.00
Train 2								
Planned unavailable hours	1.13	10.18	6.30	7.80	0	9.40	0	2.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	49.20	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	744.00	1864.00	2184.00	2208.00	1296.00	1944.00	2184.00	2208.00
Train 3								
Planned unavailable hours	0	19.80	8.50	21.90	0	3.00	21.70	4.40
Unplanned unavailable hours	0	0	0	4.70	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	744.00	1864.00	2184.00	2208.00	1296.00	1944.00	2184.00	2208.00
Indicator value	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	26.97	16.19	24.52	5.20	16.20	11.50	19.20	19.20
Unplanned unavailable hours	0	0.18	0	0	15.00	0	0	0
Fault exposure hours	0	34.88	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	11.16	17.25	19.32	4.60	18.50	12.20	10.70	13.00
Unplanned unavailable hours	0	4.01	0	0	15.00	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**1.0%**	**1.1%**	**1.0%**	**1.0%**	**1.1%**	**1.2%**	**1.2%**	**1.1%**

Licensee Comments:

2Q/01: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

4Q/00: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/00: Adjusted 'hours train required ..' to reflect Daylight Savings Time.

4Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

2Q/99: Revisions of the unavailable hours have been made. The changes to the unavailability were based on NEI guidelines which allows crediting redundant instrumentation and procedural realignment of the system during testing. This change does not affect the color of the indicator. Adjusted 'hours train required ..' to reflect Daylight Savings Time.

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
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	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0.006900	0.004000	0.006000	0.004161	0.004458	0.004438	0.004574	0.005265	0.005631	0.005709	0.005660	0.006433
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	**0.7**	**0.4**	**0.6**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.006372	0.006462	0	0.002600	0.006100	0.002600	0.003200	0.003200	0.003600	0.003600	0.004100	0.003800
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	**0.6**	**0.6**	**0**	**0.3**	**0.6**	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0.290	0.250	0.300	0.280	0.320	0.420	0.340	0.310	0.270	0.300	0.340	0.410
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	**2.9**	**2.5**	**3.0**	**2.8**	**3.2**	**4.2**	**3.4**	**3.1**	**2.7**	**3.0**	**3.4**	**4.1**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	0.210	0.290	0	0.250	0.290	0.360	0.160	0.200	0.190	0.310	0.200	0.220
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	**2.1**	**2.9**	**0**	**2.5**	**2.9**	**3.6**	**1.6**	**2.0**	**1.9**	**3.1**	**2.0**	**2.2**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	42.0	19.0	71.0	17.0	38.0	22.0	23.0	48.0
Total opportunities	44.0	22.0	74.0	17.0	39.0	22.0	25.0	52.0
Indicator value	**96.8%**	**95.2%**	**95.3%**	**95.9%**	**95.9%**	**96.2%**	**95.7%**	**94.9%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	135.0	138.0	137.0	138.0	132.0	131.0	135.0	150.0
Total Key personnel	141.0	142.0	140.0	138.0	139.0	137.0	144.0	155.0
Indicator value	**95.7%**	**97.2%**	**97.9%**	**100.0%**	**95.0%**	**95.6%**	**93.8%**	**96.8%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	951	1256	1205	1194	1320	1304	1246	1084
Total sirens-tests	987	1267	1225	1211	1330	1330	1275	1108
Indicator value	**97.6%**	**97.8%**	**98.0%**	**98.2%**	**98.8%**	**98.6%**	**98.4%**	**98.2%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
IDS compensatory hours	183.00	33.00	664.00	162.00	225.00	64.00	91.00	457.00
CCTV compensatory hours	1.0	0	1.0	8.0	0	1.0	14.0	11.0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.020**	**0.019**	**0.025**	**0.022**	**0.023**	**0.023**	**0.012**	**0.019**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Program failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Program Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Action Matrix Summary | Reactor Oversight Process

Last Modified: March 26, 2002

Oconee 1

4Q/2001 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	1802.5	2184.0	2208.0	1275.4	1871.0	2183.0	2143.4	2209.0
Indicator value	**2.0**	**1.7**	**0**	**0**	**0**	**0**	**0.9**	**0.8**

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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Scrams	0	0	0	0	0	0	1.0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**	**1.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	1.0	0	0	0	1.0	1.0	0	0
Critical hours	1802.5	2184.0	2208.0	1275.4	1871.0	2183.0	2153.4	2209.0
Indicator value	**3.9**	**3.4**	**1.7**	**0.9**	**0.9**	**1.9**	**1.9**	**1.7**

Licensee Comments:

3Q/01: Per NEI 99-02, rev 1, this reduction was determined to be planned in response to a expected problem.

Safety System Unavailability, HEG

Thresholds under development / review

Notes

Safety System Unavailability, HEG	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	70.21	102.25	33.23	111.97	50.77	27.98	88.19	38.17
Unplanned unavailable hours	45.46	0	0	0	0	0	50.40	0
Fault exposure hours	0	0	0	0	0	0	14.26	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1877.00	2184.00	2208.00	2208.00	2160.00	2184.00	2208.00	2209.00
Train 2								
Planned unavailable hours	56.88	15.42	64.77	0.95	18.07	0	0	5.29
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	1877.00	2184.00	2208.00	2208.00	2160.00	2184.00	2208.00	2209.00
Indicator value	**1.8%**	**1.9%**	**1.9%**	**2.0%**	**2.1%**	**2.1%**	**2.3%**	**2.3%**

Licensee Comments: none

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)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	14.56	15.31	41.13	3.39	3.51	7.39	13.89	5.23
Unplanned unavailable hours	0	0	2.49	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	1850.00	2184.00	2208.00	1286.00	1932.00	2184.00	2208.00	2209.00
Train 2								
Planned unavailable hours	20.87	19.66	41.45	8.35	3.79	9.71	5.14	11.30
Unplanned unavailable hours	4.33	0	2.49	0	1.67	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	1850.00	2184.00	2208.00	1286.00	1932.00	2184.00	2208.00	2209.00
Indicator value	**0.5%**	**0.6%**	**0.7%**	**0.7%**	**0.6%**	**0.7%**	**0.6%**	**0.7%**

Licensee Comments: none

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)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	5.80	4.90	3.30	0	7.90	1.70	13.90	2.00
Unplanned unavailable hours	0	0	2.40	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	1864.00	2184.00	2208.00	1296.00	1944.00	2184.00	2208.00	2209.00
Train 2								
Planned unavailable hours	10.18	6.30	7.80	0	9.40	0	2.10	1.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	49.20	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1864.00	2184.00	2208.00	1296.00	1944.00	2184.00	2208.00	2209.00
Train 3								
Planned unavailable hours	19.80	8.50	21.90	0	3.00	21.70	4.40	7.50
Unplanned unavailable hours	0	0	4.70	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	1864.00	2184.00	2208.00	1296.00	1944.00	2184.00	2208.00	2209.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**	**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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	16.19	24.52	5.20	16.20	11.50	19.20	19.20	9.90
Unplanned unavailable hours	0.18	0	0	15.00	0	0	0	0
Fault exposure hours	34.88	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	17.25	19.32	4.60	18.50	12.20	10.70	13.00	9.40
Unplanned unavailable hours	4.01	0	0	15.00	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**1.1%**	**1.0%**	**1.0%**	**1.1%**	**1.2%**	**1.2%**	**1.1%**	**1.1%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
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	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.004161	0.004458	0.004438	0.004574	0.005265	0.005631	0.005709	0.005660	0.006433	0.006372	0.006462	0
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**	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0**

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.002600	0.006100	0.002600	0.003200	0.003200	0.003600	0.003600	0.004100	0.003800	0.004400	0.004900	0.005100
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**	**0.6**	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.280	0.320	0.420	0.340	0.310	0.270	0.300	0.340	0.410	0.210	0.290	0
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	**2.8**	**3.2**	**4.2**	**3.4**	**3.1**	**2.7**	**3.0**	**3.4**	**4.1**	**2.1**	**2.9**	**0**

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.250	0.290	0.360	0.160	0.200	0.190	0.310	0.200	0.220	0.230	0.220	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	**2.5**	**2.9**	**3.6**	**1.6**	**2.0**	**1.9**	**3.1**	**2.0**	**2.2**	**2.3**	**2.2**	**2.1**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	19.0	71.0	17.0	38.0	22.0	23.0	48.0	9.0
Total opportunities	22.0	74.0	17.0	39.0	22.0	25.0	52.0	10.0
Indicator value	**95.2%**	**95.3%**	**95.9%**	**95.9%**	**96.2%**	**95.7%**	**94.9%**	**94.6%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	138.0	137.0	138.0	132.0	131.0	135.0	150.0	150.0
Total Key personnel	142.0	140.0	138.0	139.0	137.0	144.0	155.0	155.0
Indicator value	**97.2%**	**97.9%**	**100.0%**	**95.0%**	**95.6%**	**93.8%**	**96.8%**	**96.8%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	1256	1205	1194	1320	1304	1246	1084	1154
Total sirens-tests	1267	1225	1211	1330	1330	1275	1108	1172
Indicator value	**97.8%**	**98.0%**	**98.2%**	**98.8%**	**98.6%**	**98.4%**	**98.2%**	**98.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
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/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
IDS compensatory hours	33.00	664.00	162.00	225.00	64.00	91.00	457.00	30.00
CCTV compensatory hours	0	1.0	8.0	0	1.0	14.0	11.0	0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.019**	**0.025**	**0.022**	**0.023**	**0.023**	**0.012**	**0.019**	**0.015**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Program failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Program Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Action Matrix Summary | Reactor Oversight Process

Last Modified: March 15, 2002

Oconee 1

1Q/2002 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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2184.0	2208.0	1275.4	1871.0	2183.0	2143.4	2209.0	1949.4
Indicator value	**1.7**	**0**	**0**	**0**	**0**	**0.9**	**0.8**	**0.8**

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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Scrams	0	0	0	0	0	1.0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	0	0	0	1.0	1.0	0	0	0
Critical hours	2184.0	2208.0	1275.4	1871.0	2183.0	2153.4	2209.0	1949.4
Indicator value	**3.4**	**1.7**	**0.9**	**0.9**	**1.9**	**1.9**	**1.7**	**0.8**

Licensee Comments: none

Safety System Unavailability, HEG

Thresholds under development / review

Notes

Safety System Unavailability, HEG	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	102.25	33.23	111.97	50.77	27.98	88.19	38.17	99.01
Unplanned unavailable hours	0	0	0	0	0	50.40	0	39.74
Fault exposure hours	0	0	0	0	0	14.26	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2208.00	2208.00	2160.00	2184.00	2208.00	2209.00	2000.75
Train 2								
Planned unavailable hours	15.42	64.77	0.95	18.07	0	0	5.29	86.79
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	2184.00	2208.00	2208.00	2160.00	2184.00	2208.00	2209.00	2000.75
Indicator value	**1.9%**	**1.9%**	**2.0%**	**2.1%**	**2.1%**	**2.3%**	**2.3%**	**2.6%**

Licensee Comments:

1Q/02: The FAQ for reporting the Keowee Hydro Emergency AC Power system is still under review by the NRC.

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)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	15.31	41.13	3.39	3.51	7.39	13.89	5.23	36.26
Unplanned unavailable hours	0	2.49	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	2184.00	2208.00	1286.00	1932.00	2184.00	2208.00	2209.00	1955.20
Train 2								
Planned unavailable hours	19.66	41.45	8.35	3.79	9.71	5.14	11.30	40.22
Unplanned unavailable hours	0	2.49	0	1.67	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	2184.00	2208.00	1286.00	1932.00	2184.00	2208.00	2209.00	1955.20
Indicator value	**0.6%**	**0.7%**	**0.7%**	**0.6%**	**0.7%**	**0.6%**	**0.7%**	**0.8%**

Licensee Comments: none

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)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	4.90	3.30	0	7.90	1.70	13.90	2.00	13.30
Unplanned unavailable hours	0	2.40	0	0	0	0	0	4.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2208.00	1296.00	1944.00	2184.00	2208.00	2209.00	1964.00
Train 2								
Planned unavailable hours	6.30	7.80	0	9.40	0	2.10	1.80	13.40
Unplanned unavailable hours	0	0	0	0	49.20	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	2184.00	2208.00	1296.00	1944.00	2184.00	2208.00	2209.00	1964.00
Train 3								
Planned unavailable hours	8.50	21.90	0	3.00	21.70	4.40	7.50	5.10
Unplanned unavailable hours	0	4.70	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	2184.00	2208.00	1296.00	1944.00	2184.00	2208.00	2209.00	1964.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments:

1Q/02: 246.8 T/2 Fault Exposure hours encountered for knob on 1FDW-315 that separated from shaft during valve stroke testing. Failure rendered valve inoperable for manual operation from the Control Room, (ref. PIP 02-287). The 1B MDEFWP bearing event of 2Q2001 is still being reviewed by the NRC.

2Q/01: The 49.2 hours of unplanned unavailable time were incorrectly reported as fault exposure hours. These are the hours for the maintenance repair on 1B MDEFW pump.

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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	24.52	5.20	16.20	11.50	19.20	19.20	9.90	32.20
Unplanned unavailable hours	0	0	15.00	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	19.32	4.60	18.50	12.20	10.70	13.00	9.40	21.70
Unplanned unavailable hours	0	0	15.00	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.0%**	**1.0%**	**1.1%**	**1.2%**	**1.2%**	**1.1%**	**1.1%**	**1.0%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.004574	0.005265	0.005631	0.005709	0.005660	0.006433	0.006372	0.006462	0	0.002600	0.006100	0.002600
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	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0**	**0.3**	**0.6**	**0.3**

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.003200	0.003200	0.003600	0.003600	0.004100	0.003800	0.004400	0.004900	0.005100	0.004800	0.005100	0.005300
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**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.340	0.310	0.270	0.300	0.340	0.410	0.210	0.290	0	0.250	0.290	0.360
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	**3.4**	**3.1**	**2.7**	**3.0**	**3.4**	**4.1**	**2.1**	**2.9**	**0**	**2.5**	**2.9**	**3.6**

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0.160	0.200	0.190	0.310	0.200	0.220	0.230	0.220	0.210	0.280	0.250	0.490
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	**1.6**	**2.0**	**1.9**	**3.1**	**2.0**	**2.2**	**2.3**	**2.2**	**2.1**	**2.8**	**2.5**	**4.9**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	71.0	17.0	38.0	22.0	23.0	48.0	9.0	12.0
Total opportunities	74.0	17.0	39.0	22.0	25.0	52.0	10.0	12.0
Indicator value	**95.3%**	**95.9%**	**95.9%**	**96.2%**	**95.7%**	**94.9%**	**94.6%**	**95.6%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	137.0	138.0	132.0	131.0	135.0	150.0	150.0	149.0
Total Key personnel	140.0	138.0	139.0	137.0	144.0	155.0	155.0	153.0
Indicator value	**97.9%**	**100.0%**	**95.0%**	**95.6%**	**93.8%**	**96.8%**	**96.8%**	**97.4%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	1205	1194	1320	1304	1246	1084	1154	1092
Total sirens-tests	1225	1211	1330	1330	1275	1108	1172	1109
Indicator value	**98.0%**	**98.2%**	**98.8%**	**98.6%**	**98.4%**	**98.2%**	**98.0%**	**98.1%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
IDS compensatory hours	664.00	162.00	225.00	64.00	91.00	457.00	30.00	26.00
CCTV compensatory hours	1.0	8.0	0	1.0	14.0	11.0	0	0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.025**	**0.022**	**0.023**	**0.023**	**0.012**	**0.019**	**0.015**	**0.014**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: May 1, 2002

Oconee 1

2Q/2002 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2208.0	1275.4	1871.0	2183.0	2143.4	2209.0	1949.4	1529.2
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**0.8**	**0.8**	**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/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Scrams	0	0	0	0	1.0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	0	0	1.0	1.0	0	0	0	1.0
Critical hours	2208.0	1275.4	1871.0	2183.0	2153.4	2209.0	1949.4	1529.2
Indicator value	**1.7**	**0.9**	**0.9**	**1.9**	**1.9**	**1.7**	**0.8**	**0.9**

Licensee Comments:

2Q/02: On 04/29/02, Unit 1 power was decreased to approximately 15% to take the turbine generator offline. The power prior to this change was approximately 73%. PIP O-02-02458.

Safety System Unavailability, HEG

Thresholds under development / review

Notes

Safety System Unavailability, HEG	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	33.23	111.97	50.77	27.98	88.19	38.17	99.01	59.32
Unplanned unavailable hours	0	0	0	0	50.40	0	39.74	0
Fault exposure hours	0	0	0	0	14.26	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2208.00	2160.00	2184.00	2208.00	2209.00	2000.75	1584.14
Train 2								
Planned unavailable hours	64.77	0.95	18.07	0	0	5.29	86.79	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	2208.00	2160.00	2184.00	2208.00	2209.00	2000.75	1584.14
Indicator value	**1.9%**	**2.0%**	**2.1%**	**2.1%**	**2.3%**	**2.3%**	**2.6%**	**2.7%**

Licensee Comments:

2Q/02: The FAQ for reporting the Keowee Hydro Emergency AC Power system is still under review by the NRC.

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/00**	**4Q/00**	**1Q/01**	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**
Train 1								
Planned unavailable hours	41.13	3.39	3.51	7.39	13.89	5.23	36.26	4.46
Unplanned unavailable hours	2.49	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	1286.00	1932.00	2184.00	2208.00	2209.00	1955.20	1560.00
Train 2								
Planned unavailable hours	41.45	8.35	3.79	9.71	5.14	11.30	40.22	5.17
Unplanned unavailable hours	2.49	0	1.67	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	1286.00	1932.00	2184.00	2208.00	2209.00	1955.20	1560.00
Indicator value	**0.7%**	**0.7%**	**0.6%**	**0.7%**	**0.6%**	**0.7%**	**0.8%**	**0.7%**

Licensee Comments: none

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	3.30	0	7.90	1.70	13.90	2.00	13.30	1.80
Unplanned unavailable hours	2.40	0	0	0	0	0	4.20	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	1296.00	1944.00	2184.00	2208.00	2209.00	1964.00	1572.00
Train 2								
Planned unavailable hours	7.80	0	9.40	0	2.10	1.80	13.40	3.80
Unplanned unavailable hours	0	0	0	49.20	0	0	0	0
Fault exposure hours	0	0	1416.00	600.00	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1296.00	1944.00	2184.00	2208.00	2209.00	1964.00	1572.00
Train 3								
Planned unavailable hours	21.90	0	3.00	21.70	4.40	7.50	5.10	6.25
Unplanned unavailable hours	4.70	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	1296.00	1944.00	2184.00	2208.00	2209.00	1964.00	1572.00
Indicator value	**0.3%**	**0.3%**	**2.5%**	**3.4%**	**3.4%**	**3.4%**	**3.5%**	**3.4%**

Licensee Comments:

2Q/01: The fault exposure hours are being added to reflect the NRC position described in Inspection Report 50-

269, 270 and 287/01-05, dated April 29, 2002.

2Q/01: The unavailability hours reported is correct to the best of Duke's knowledge. However, the NRC presented a position in Inspection Report 50-269, 270 & 287/01-02, dated April 29, 2002, that a 1B motor-driven emergency feedwater motor bearing anomaly that occurred on April 25, 2001, should be considered a failure and therefore, the associated fault exposure hours added as unavailable time.

1Q/01: The fault exposure hours are being added to reflect the NRC position described in Inspection Report 50-269, 270 and 287/01-05, dated April 29, 2002.

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/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	5.20	16.20	11.50	19.20	19.20	9.90	32.20	25.00
Unplanned unavailable hours	0	15.00	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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	4.60	18.50	12.20	10.70	13.00	9.40	21.70	25.20
Unplanned unavailable hours	0	15.00	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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.0%**	**1.1%**	**1.2%**	**1.2%**	**1.1%**	**1.1%**	**1.0%**	**0.9%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	**3Q/00**	**4Q/00**	**1Q/01**	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**
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

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.005709	0.005660	0.006433	0.006372	0.006462	0	0.002600	0.006100	0.002600	0.003200	0.003200	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	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0**	**0.3**	**0.6**	**0.3**	**0.3**	**0.3**	**0.4**

Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.003600	0.004100	0.003800	0.004400	0.004900	0.005100	0.004800	0.005100	0.005300	0.000900	0.001900	0.002000
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**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.1**	**0.2**	**0.2**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.300	0.340	0.410	0.210	0.290	0	0.250	0.290	0.360	0.160	0.200	0.190
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	**3.0**	**3.4**	**4.1**	**2.1**	**2.9**	**0**	**2.5**	**2.9**	**3.6**	**1.6**	**2.0**	**1.9**

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.310	0.200	0.220	0.230	0.220	0.210	0.280	0.250	0.490	0	0.130	0.130
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	**3.1**	**2.0**	**2.2**	**2.3**	**2.2**	**2.1**	**2.8**	**2.5**	**4.9**	**0**	**1.3**	**1.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	17.0	38.0	22.0	23.0	48.0	9.0	12.0	32.0
Total opportunities	17.0	39.0	22.0	25.0	52.0	10.0	12.0	34.0
Indicator value	**95.9%**	**95.9%**	**96.2%**	**95.7%**	**94.9%**	**94.6%**	**95.6%**	**95.3%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	138.0	132.0	131.0	135.0	150.0	150.0	149.0	141.0
Total Key personnel	138.0	139.0	137.0	144.0	155.0	155.0	153.0	149.0
Indicator value	**100.0%**	**95.0%**	**95.6%**	**93.8%**	**96.8%**	**96.8%**	**97.4%**	**94.6%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	1194	1320	1304	1246	1084	1154	1092	1092
Total sirens-tests	1211	1330	1330	1275	1108	1172	1109	1111
Indicator value	**98.2%**	**98.8%**	**98.6%**	**98.4%**	**98.2%**	**98.0%**	**98.1%**	**98.3%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
IDS compensatory hours	162.00	225.00	64.00	91.00	457.00	30.00	26.00	47.00
CCTV compensatory hours	8.0	0	1.0	14.0	11.0	0	0	0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.022**	**0.023**	**0.023**	**0.012**	**0.019**	**0.015**	**0.014**	**0.012**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: August 16, 2002

Oconee 1

3Q/2002 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	1275.4	1871.0	2183.0	2153.4	2209.0	1949.4	1529.2	2162.0
Indicator value	**0**	**0**	**0**	**0.9**	**0.8**	**0.8**	**0.9**	**0**

Licensee Comments:

3Q/01: On 9/12/01 a trip occured due to phase bus failure and the critical hours were 665.38. This is documented in PIP O-01-03367.

2Q/00: To account for daylight savings time.

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	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Scrams	0	0	0	1.0	0	0	0	0
Indicator value	**0**	**0**	**0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned power changes	0	1.0	1.0	0	0	0	1.0	1.0
Critical hours	1275.4	1871.0	2183.0	2153.4	2209.0	1949.4	1529.2	2162.0
Indicator value	**0.9**	**0.9**	**1.9**	**1.9**	**1.7**	**0.8**	**0.9**	**1.8**

Licensee Comments:

3Q/02: One Unplanned Scram occured during 3Q2002. The reactor was manually tripped per procedure during a unplanned power reduction to repair the PMG, see PIP O-02-04297 and PIP O-02-04304.

Safety System Unavailability, Emergency AC Power

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0.95	18.07	0	0	5.29	86.79	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	2209.00	2160.00	2183.00	2208.00	2209.00	2000.75	1584.14	2208.00
Indicator value	**0.9%**	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**1.3%**	**1.3%**	**1.1%**

Licensee Comments:

3Q/02: ONS Keowee is a unique Emergency Power source. The change in format reflects the establishment of a threshold limit based on the Underground Train only.

2Q/02: ONS Keowee is a unique Emergency Power source. The change reflects the threshold limit based on the Underground Train only.

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)	**4Q/00**	**1Q/01**	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**
Train 1								
Planned unavailable hours	3.39	3.51	7.39	13.89	5.23	36.26	4.46	1.19
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	1286.00	1932.00	2184.00	2208.00	2209.00	1955.20	1560.00	2208.00
Train 2								
Planned unavailable hours	8.35	3.79	9.71	5.14	11.30	40.22	5.17	2.52
Unplanned unavailable hours	0	1.67	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	1286.00	1932.00	2184.00	2208.00	2209.00	1955.20	1560.00	2208.00
Indicator value	**0.7%**	**0.6%**	**0.7%**	**0.6%**	**0.7%**	**0.8%**	**0.7%**	**0.7%**

Licensee Comments: none

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)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0	7.90	1.70	13.90	2.00	13.30	1.80	3.08
Unplanned unavailable hours	0	0	0	0	0	4.20	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	1296.00	1944.00	2184.00	2208.00	2209.00	1964.00	1572.00	2208.00
Train 2								
Planned unavailable hours	0	9.40	0	2.10	1.80	13.40	3.80	5.10
Unplanned unavailable hours	0	0	49.20	0	0	0	0	114.10
Fault exposure hours	0	1428.50	590.00	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1296.00	1944.00	2184.00	2208.00	2209.00	1964.00	1572.00	2208.00
Train 3								
Planned unavailable hours	0	3.00	21.70	4.40	7.50	5.10	6.25	7.63
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	1296.00	1944.00	2184.00	2208.00	2209.00	1964.00	1572.00	2208.00
Indicator value	**0.3%**	**2.5%**	**3.5%**	**3.4%**	**3.4%**	**3.5%**	**3.4%**	**3.6%**

Licensee Comments:

3Q/02: Test on 9/11/02 showed 1B MDEFWP bearing temp abnormal. Additional testing and investigation on 9/14/02, determine the pump was operable but the bearing pin was not engaged. Corrective maintenance and post maintenance testing was performed.

2Q/01: The fault exposure hours are being added to reflect the NRC position described in Inspection Report 50-

269, 270 and 287/01-05, dated April 29, 2002.

2Q/01: The fault exposure hours are being added to reflect the NRC position described in Inspection Report 50-269, 270 and 287/01-05, dated April 29, 2002.

1Q/01: The fault exposure hours are being added to reflect the NRC position described in Inspection Report 50-269, 270 and 287/01-05, dated April 29, 2002.

1Q/01: The fault exposure hours are being added to reflect the NRC position described in Inspection Report 50-269, 270 and 287/01-05, dated April 29, 2002.

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	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	16.20	11.50	19.20	19.20	9.90	32.20	25.00	13.60
Unplanned unavailable hours	15.00	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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	18.50	12.20	10.70	13.00	9.40	21.70	25.20	27.10
Unplanned unavailable hours	15.00	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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00

Indicator value	**1.1%**	**1.2%**	**1.2%**	**1.1%**	**1.1%**	**1.0%**	**0.9%**	**0.9%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	**4Q/00**	**1Q/01**	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**
Safety System Functional Failures	0	0	0	0	0	0	0	2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**

Licensee Comments:

3Q/02: LER 269/2002-05 (1MS-156) and LER 269/2002-04 (EOP guidance)

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.006372	0.006462	0	0.002600	0.006100	0.002600	0.003200	0.003200	0.003600	0.003600	0.004100	0.003800
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	**0.6**	**0.6**	**0**	**0.3**	**0.6**	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**

Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.004400	0.004900	0.005100	0.004800	0.005100	0.005300	0.000900	0.001900	0.002000	0.002100	0.002400	0.004400
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**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.4**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	0.210	0.290	0	0.250	0.290	0.360	0.160	0.200	0.190	0.310	0.200	0.220
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	**2.1**	**2.9**	**0**	**2.5**	**2.9**	**3.6**	**1.6**	**2.0**	**1.9**	**3.1**	**2.0**	**2.2**

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.230	0.220	0.210	0.280	0.250	0.490	0	0.130	0.130	0.150	0.280	0.160
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	**2.3**	**2.2**	**2.1**	**2.8**	**2.5**	**4.9**	**0**	**1.3**	**1.3**	**1.5**	**2.8**	**1.6**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful opportunities	38.0	22.0	23.0	48.0	9.0	12.0	32.0	55.0
Total opportunities	39.0	22.0	25.0	52.0	10.0	12.0	34.0	56.0
Indicator value	**95.9%**	**96.2%**	**95.7%**	**94.9%**	**94.6%**	**95.6%**	**95.3%**	**95.6%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Participating Key personnel	132.0	131.0	135.0	150.0	150.0	149.0	141.0	149.0
Total Key personnel	139.0	137.0	144.0	155.0	155.0	153.0	149.0	156.0
Indicator value	**95.0%**	**95.6%**	**93.8%**	**96.8%**	**96.8%**	**97.4%**	**94.6%**	**95.5%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful siren-tests	1320	1304	1246	1084	1154	1092	1092	1096
Total sirens-tests	1330	1330	1275	1108	1172	1109	1111	1115
Indicator value	**98.8%**	**98.6%**	**98.4%**	**98.2%**	**98.0%**	**98.1%**	**98.3%**	**98.4%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
IDS compensatory hours	225.00	64.00	91.00	457.00	30.00	26.00	47.00	96.00
CCTV compensatory hours	0	1.0	14.0	11.0	0	0	0	9.0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.023**	**0.023**	**0.012**	**0.019**	**0.015**	**0.014**	**0.012**	**0.005**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: October 22, 2002

Oconee 1

4Q/2002 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	1871.0	2183.0	2153.4	2209.0	1949.4	1529.2	2162.0	2210.0
Indicator value	**0**	**0**	**0.9**	**0.8**	**0.8**	**0.9**	**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	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Scrams	0	0	1.0	0	0	0	0	0
Indicator value	**0**	**0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned power changes	1.0	1.0	0	0	0	1.0	1.0	0
Critical hours	1871.0	2183.0	2153.4	2209.0	1949.4	1529.2	2162.0	2209.0
Indicator value	**0.9**	**1.9**	**1.9**	**1.7**	**0.8**	**0.9**	**1.8**	**1.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	18.07	0	0	5.29	86.79	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	2160.00	2183.00	2208.00	2209.00	2000.75	1584.14	2208.00	2209.00
Indicator value	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**1.3%**	**1.3%**	**1.1%**	**1.0%**

Licensee Comments: none

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)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	3.51	7.39	13.89	5.23	36.26	4.46	1.19	0.43
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	1932.00	2184.00	2208.00	2209.00	1955.20	1560.00	2208.00	2209.00
Train 2								
Planned unavailable hours	3.79	9.71	5.14	11.30	40.22	5.17	2.52	21.37
Unplanned unavailable hours	1.67	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	1932.00	2184.00	2208.00	2209.00	1955.20	1560.00	2208.00	2209.00
Indicator value	**0.6%**	**0.7%**	**0.6%**	**0.7%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

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)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	7.90	1.70	13.90	2.00	13.30	1.80	3.08	9.00
Unplanned unavailable hours	0	0	0	0	4.20	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	1944.00	2184.00	2208.00	2209.00	1964.00	1572.00	2208.00	2209.00
Train 2								
Planned unavailable hours	9.40	0	2.10	1.80	13.40	3.80	5.10	8.20
Unplanned unavailable hours	0	49.20	0	0	0	0	114.10	0
Fault exposure hours	1428.50	590.00	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	2018.50
Required hours	1944.00	2184.00	2208.00	2209.00	1964.00	1572.00	2208.00	2209.00
Train 3								
Planned unavailable hours	3.00	21.70	4.40	7.50	5.10	6.25	7.63	12.20
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	1944.00	2184.00	2208.00	2209.00	1964.00	1572.00	2208.00	2209.00
Indicator value	**2.5%**	**3.5%**	**3.4%**	**3.4%**	**3.5%**	**3.4%**	**3.6%**	**0.6%**

Licensee Comments:

4Q/02: Based on NRC Inspection Report 2002-14, dated December 5, 2002, the NRC determined that the corrective actions (both planned and already completed) are appropriate to resolve the deficiencies of 1B MDEFWP. Therefore, PI fault exposure hours are reset per the guidance of NEI 99-02, Regulatory Assessment Performance Indicator Guideline, Revision 2.

Effective Reset Comments:

4Q/02: Based on NRC Inspection Report 2002-14, dated December 5, 2002, the NRC determined that the corrective actions (both planned and already completed) are appropriate to resolve the deficiencies. Therefore, PI fault exposure hours are reset

per the guidance of NEI 99-02, Regulatory Assessment Performance Indicator Guideline, Revision 2.

4Q/02: Based on NRC Inspection Report 2002-14, dated December 5, 2002, the NRC determined that the corrective actions (both planned and already completed) are appropriate to resolve the deficiencies. Therefore, PI fault exposure hours are reset per the guidance of NEI 99-02, Regulatory Assessment Performance Indicator Guideline, Revision 2.

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	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	11.50	19.20	19.20	9.90	32.20	25.00	13.60	39.30
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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	12.20	10.70	13.00	9.40	21.70	25.20	27.10	15.30
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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**1.2%**	**1.2%**	**1.1%**	**1.1%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Safety System Functional Failures	0	0	0	0	0	0	2	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**2**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.002600	0.006100	0.002600	0.003200	0.003200	0.003600	0.003600	0.004100	0.003800	0.004400	0.004900	0.005100
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**	**0.6**	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.004800	0.005100	0.005300	0.000900	0.001900	0.002000	0.002100	0.002400	0.004400	0.003100	0.003000	0.003400
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	**0.5**	**0.5**	**0.5**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.4**	**0.3**	**0.3**	**0.3**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.250	0.290	0.360	0.160	0.200	0.190	0.310	0.200	0.220	0.230	0.220	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	**2.5**	**2.9**	**3.6**	**1.6**	**2.0**	**1.9**	**3.1**	**2.0**	**2.2**	**2.3**	**2.2**	**2.1**

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.280	0.250	0.490	0	0.130	0.130	0.150	0.280	0.160	0.340	0.270	0.270
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	**2.8**	**2.5**	**4.9**	**0**	**1.3**	**1.3**	**1.5**	**2.8**	**1.6**	**3.4**	**2.7**	**2.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	22.0	23.0	48.0	9.0	12.0	32.0	55.0	16.0
Total opportunities	22.0	25.0	52.0	10.0	12.0	34.0	56.0	17.0
Indicator value	**96.2%**	**95.7%**	**94.9%**	**94.6%**	**95.6%**	**95.3%**	**95.6%**	**95.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Participating Key personnel	131.0	135.0	150.0	150.0	149.0	141.0	149.0	151.0
Total Key personnel	137.0	144.0	155.0	155.0	153.0	149.0	156.0	153.0
Indicator value	**95.6%**	**93.8%**	**96.8%**	**96.8%**	**97.4%**	**94.6%**	**95.5%**	**98.7%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful siren-tests	1304	1246	1084	1154	1031	1092	1092	1142
Total sirens-tests	1330	1275	1108	1172	1046	1111	1121	1157
Indicator value	**98.6%**	**98.4%**	**98.2%**	**98.0%**	**98.1%**	**98.3%**	**98.2%**	**98.2%**

Licensee Comments:

1Q/02: Changed due to an error in the internal database. No threshold changes were made.

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
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/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
IDS compensatory hours	64.00	91.00	457.00	30.00	26.00	47.00	96.00	31.00
CCTV compensatory hours	1.0	14.0	11.0	0	0	0	9.0	6.0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.023**	**0.012**	**0.019**	**0.015**	**0.014**	**0.012**	**0.005**	**0.005**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: January 30, 2003

Oconee 1

1Q/2003 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/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2183.0	2153.4	2209.0	1949.4	1529.2	2162.0	2210.0	2160.0
Indicator value	**0**	**0.9**	**0.8**	**0.8**	**0.9**	**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	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Scrams	0	1.0	0	0	0	0	0	0
Indicator value	**0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned power changes	1.0	0	0	0	1.0	1.0	0	0
Critical hours	2183.0	2153.4	2209.0	1949.4	1529.2	2162.0	2209.0	2160.0
Indicator value	**1.9**	**1.9**	**1.7**	**0.8**	**0.9**	**1.8**	**1.8**	**1.7**

Licensee Comments: none

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	0	0	5.29	86.79	0	0	0	10.19
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	2183.00	2208.00	2209.00	2000.75	1584.14	2208.00	2209.00	2160.00
Indicator value	**1.0%**	**1.0%**	**1.0%**	**1.3%**	**1.3%**	**1.1%**	**1.0%**	**0.8%**

Licensee Comments: none

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)	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**
Train 1								
Planned unavailable hours	7.39	13.89	5.23	36.26	4.46	1.19	0.43	36.32
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	2184.00	2208.00	2209.00	1955.20	1560.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	9.71	5.14	11.30	40.22	5.17	2.52	21.37	40.40
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	2184.00	2208.00	2209.00	1955.20	1560.00	2208.00	2209.00	2160.00
Indicator value	**0.7%**	**0.6%**	**0.7%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**

Licensee Comments: none

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	1.70	13.90	2.00	13.30	1.80	3.08	9.00	40.50
Unplanned unavailable hours	0	0	0	4.20	0	0	0	26.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2208.00	2209.00	1964.00	1572.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	2.10	1.80	13.40	3.80	5.10	8.20	24.10
Unplanned unavailable hours	49.20	0	0	0	0	114.10	0	0
Fault exposure hours	590.00	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	2018.50	0
Required hours	2184.00	2208.00	2209.00	1964.00	1572.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	21.70	4.40	7.50	5.10	6.25	7.63	12.20	3.40
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	2184.00	2208.00	2209.00	1964.00	1572.00	2208.00	2209.00	2160.00
Indicator value	**3.5%**	**3.4%**	**3.4%**	**3.5%**	**3.4%**	**3.6%**	**0.6%**	**0.7%**

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	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	19.20	19.20	9.90	32.20	25.00	13.60	39.30	42.00
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	10.70	13.00	9.40	21.70	25.20	27.10	15.30	33.00
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.2%**	**1.1%**	**1.1%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Safety System Functional Failures	0	0	0	0	0	2	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**2**	**2**	**2**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/01**	**5/01**	**6/01**	**7/01**	**8/01**	**9/01**	**10/01**	**11/01**	**12/01**	**1/02**	**2/02**	**3/02**
Maximum activity	0.003200	0.003200	0.003600	0.003600	0.004100	0.003800	0.004400	0.004900	0.005100	0.004800	0.005100	0.005300
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**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**

Reactor Coolant System Activity	**4/02**	**5/02**	**6/02**	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**
Maximum activity	0.000900	0.001900	0.002000	0.002100	0.002400	0.004400	0.003100	0.003000	0.003400	0.003700	0.004100	0.004200
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	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.4**	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0.160	0.200	0.190	0.310	0.200	0.220	0.230	0.220	0.210	0.280	0.250	0.490
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	**1.6**	**2.0**	**1.9**	**3.1**	**2.0**	**2.2**	**2.3**	**2.2**	**2.1**	**2.8**	**2.5**	**4.9**

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0	0.130	0.130	0.150	0.280	0.160	0.340	0.270	0.270	0.270	0.400	0.290
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**	**1.3**	**1.3**	**1.5**	**2.8**	**1.6**	**3.4**	**2.7**	**2.7**	**2.7**	**4.0**	**2.9**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful opportunities	23.0	48.0	9.0	12.0	32.0	55.0	16.0	22.0
Total opportunities	25.0	52.0	10.0	12.0	34.0	56.0	17.0	22.0
Indicator value	**95.7%**	**94.9%**	**94.6%**	**95.6%**	**95.3%**	**95.6%**	**95.2%**	**95.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Participating Key personnel	135.0	150.0	150.0	149.0	141.0	149.0	151.0	142.0
Total Key personnel	144.0	155.0	155.0	153.0	149.0	156.0	153.0	150.0
Indicator value	**93.8%**	**96.8%**	**96.8%**	**97.4%**	**94.6%**	**95.5%**	**98.7%**	**94.7%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful siren-tests	1246	1084	1154	1031	1092	1092	1142	1293
Total sirens-tests	1275	1108	1172	1046	1111	1121	1157	1302
Indicator value	**98.4%**	**98.2%**	**98.0%**	**98.1%**	**98.3%**	**98.2%**	**98.2%**	**98.5%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
IDS compensatory hours	91.00	457.00	30.00	26.00	47.00	96.00	31.00	20.00
CCTV compensatory hours	14.0	11.0	0	0	0	9.0	6.0	3.0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.012**	**0.019**	**0.015**	**0.014**	**0.012**	**0.005**	**0.005**	**0.005**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 22, 2003

Oconee 1

2Q/2003 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2153.4	2209.0	1949.4	1529.2	2162.0	2210.0	2160.0	2183.0
Indicator value	**0.9**	**0.8**	**0.8**	**0.9**	**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/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Scrams	1.0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned power changes	0	0	0	1.0	1.0	0	0	1.0
Critical hours	2153.4	2209.0	1949.4	1529.2	2162.0	2209.0	2160.0	2183.0
Indicator value	**1.9**	**1.7**	**0.8**	**0.9**	**1.8**	**1.8**	**1.7**	**1.6**

Licensee Comments:

2Q/03: One unplanned power change incurred during the month of May 2003. A power change of greater than 20% did occur due to a dropped control rod 9 in Group 4. PIP O-03-03130 documents this occurence.

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	0	5.29	86.79	0	0	0	10.19	0.84
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	2209.00	2000.75	1584.14	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.0%**	**1.0%**	**1.3%**	**1.3%**	**1.1%**	**1.0%**	**0.8%**	**0.7%**

Licensee Comments: none

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/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	13.89	5.23	36.26	4.46	1.19	0.43	36.32	33.16
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	2209.00	1955.20	1560.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	5.14	11.30	40.22	5.17	2.52	21.37	40.40	18.27
Unplanned unavailable hours	0	0	0	0	0	0	0	14.58
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	2209.00	1955.20	1560.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.6%**	**0.7%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**	**0.9%**

Licensee Comments: none

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	13.90	2.00	13.30	1.80	3.08	9.00	40.50	1.70
Unplanned unavailable hours	0	0	4.20	0	0	0	26.10	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	2209.00	1964.00	1572.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	2.10	1.80	13.40	3.80	5.10	8.20	24.10	1.70
Unplanned unavailable hours	0	0	0	0	114.10	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	2018.50	0	0
Required hours	2208.00	2209.00	1964.00	1572.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	4.40	7.50	5.10	6.25	7.63	12.20	3.40	6.17
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	2209.00	1964.00	1572.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**3.4%**	**3.4%**	**3.5%**	**3.4%**	**3.6%**	**0.6%**	**0.7%**	**0.7%**

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/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	19.20	9.90	32.20	25.00	13.60	39.30	42.00	34.78
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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	13.00	9.40	21.70	25.20	27.10	15.30	33.00	31.33
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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.1%**	**1.1%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Safety System Functional Failures	0	0	0	0	2	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**2**	**2**	**2**	**2**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/01**	**8/01**	**9/01**	**10/01**	**11/01**	**12/01**	**1/02**	**2/02**	**3/02**	**4/02**	**5/02**	**6/02**
Maximum activity	0.003600	0.004100	0.003800	0.004400	0.004900	0.005100	0.004800	0.005100	0.005300	0.000900	0.001900	0.002000
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**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.1**	**0.2**	**0.2**

Reactor Coolant System Activity	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**
Maximum activity	0.002100	0.002400	0.004400	0.003100	0.003000	0.003400	0.003700	0.004100	0.004200	0.004000	0.004500	0.004400
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	**0.2**	**0.2**	**0.4**	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.4**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.310	0.200	0.220	0.230	0.220	0.210	0.280	0.250	0.490	0	0.130	0.130
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	**3.1**	**2.0**	**2.2**	**2.3**	**2.2**	**2.1**	**2.8**	**2.5**	**4.9**	**0**	**1.3**	**1.3**

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	0.150	0.280	0.160	0.340	0.270	0.270	0.270	0.400	0.290	0.410	0.560	0.490
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	**1.5**	**2.8**	**1.6**	**3.4**	**2.7**	**2.7**	**2.7**	**4.0**	**2.9**	**4.1**	**5.6**	**4.9**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	48.0	9.0	12.0	32.0	55.0	16.0	22.0	13.0
Total opportunities	52.0	10.0	12.0	34.0	56.0	17.0	22.0	14.0
Indicator value	**94.9%**	**94.6%**	**95.6%**	**95.3%**	**95.6%**	**95.2%**	**95.2%**	**95.4%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	150.0	150.0	149.0	141.0	149.0	151.0	142.0	141.0
Total Key personnel	155.0	155.0	153.0	149.0	156.0	153.0	150.0	150.0
Indicator value	**96.8%**	**96.8%**	**97.4%**	**94.6%**	**95.5%**	**98.7%**	**94.7%**	**94.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful siren-tests	1084	1154	1031	1092	1092	1142	1291	1481
Total sirens-tests	1108	1172	1046	1111	1121	1157	1300	1495
Indicator value	**98.2%**	**98.0%**	**98.1%**	**98.3%**	**98.2%**	**98.2%**	**98.5%**	**98.7%**

Licensee Comments:

1Q/03: The 2/2003 data was revised to correct an error. There were no threshold changes.

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
IDS compensatory hours	457.00	30.00	26.00	47.00	96.00	31.00	20.00	54.00
CCTV compensatory hours	11.0	0	0	0	9.0	6.0	3.0	12.0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.019**	**0.015**	**0.014**	**0.012**	**0.005**	**0.005**	**0.005**	**0.006**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: July 22, 2003

Oconee 1

3Q/2003 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	1949.4	1529.2	2162.0	2210.0	2160.0	2183.0	1946.1
Indicator value	**0.8**	**0.8**	**0.9**	**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	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned power changes	0	0	1.0	1.0	0	0	1.0	0
Critical hours	2209.0	1949.4	1529.2	2162.0	2209.0	2160.0	2183.0	1946.1
Indicator value	**1.7**	**0.8**	**0.9**	**1.8**	**1.8**	**1.7**	**1.6**	**0.8**

Licensee Comments: none

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	5.29	86.79	0	0	0	10.19	0.84	0
Unplanned unavailable hours	0	0	0	0	0	0	0	2.08
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2000.75	1584.14	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**1.0%**	**1.3%**	**1.3%**	**1.1%**	**1.0%**	**0.8%**	**0.7%**	**0.5%**

Licensee Comments: none

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)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	5.23	36.26	4.46	1.19	0.43	36.32	33.16	9.79
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	2209.00	1955.20	1560.00	2208.00	2209.00	2160.00	2183.00	1952.60
Train 2								
Planned unavailable hours	11.30	40.22	5.17	2.52	21.37	40.40	18.27	10.79
Unplanned unavailable hours	0	0	0	0	0	0	14.58	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	2209.00	1955.20	1560.00	2208.00	2209.00	2160.00	2183.00	1952.60
Indicator value	**0.7%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**	**0.9%**	**0.7%**

Licensee Comments: none

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	2.00	13.30	1.80	3.08	9.00	40.50	1.70	6.40
Unplanned unavailable hours	0	4.20	0	0	0	26.10	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	2209.00	1964.00	1572.00	2208.00	2209.00	2160.00	2183.00	1958.20
Train 2								
Planned unavailable hours	1.80	13.40	3.80	5.10	8.20	24.10	1.70	10.80
Unplanned unavailable hours	0	0	0	114.10	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	2018.50	0	0	0
Required hours	2209.00	1964.00	1572.00	2208.00	2209.00	2160.00	2183.00	1958.20
Train 3								
Planned unavailable hours	7.50	5.10	6.25	7.63	12.20	3.40	6.17	27.50
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	2209.00	1964.00	1572.00	2208.00	2209.00	2160.00	2183.00	1958.20
Indicator value	**3.4%**	**3.5%**	**3.4%**	**3.6%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**

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	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	9.90	32.20	25.00	13.60	39.30	42.00	34.78	22.05
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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2184.58
Train 2								
Planned unavailable hours	9.40	21.70	25.20	27.10	15.30	33.00	31.33	10.62
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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2184.58
Indicator value	**1.1%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**1.0%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	**0**	**0**	**0**	**1**	**1**	**1**	**1**	**0**

Licensee Comments:

3Q/02: The LER 269/2002-04, (EOP guidance for post-LOCA boron dilution) previously reported, is not a reportable condition. Therefore, the only SSFF for Q3/2002 is LER 269/2002-05 (1MS-156).

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.004400	0.004900	0.005100	0.004800	0.005100	0.005300	0.000900	0.001900	0.002000	0.002100	0.002400	0.004400
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**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.4**

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0.003100	0.003000	0.003400	0.003700	0.004100	0.004200	0.004000	0.004500	0.004400	0.004700	0.004500	0.004100
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**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.5**	**0.4**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.230	0.220	0.210	0.280	0.250	0.490	0	0.130	0.130	0.150	0.280	0.160
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	**2.3**	**2.2**	**2.1**	**2.8**	**2.5**	**4.9**	**0**	**1.3**	**1.3**	**1.5**	**2.8**	**1.6**

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0.340	0.270	0.270	0.270	0.400	0.290	0.410	0.560	0.490	0.560	0.391	0.348
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	**3.4**	**2.7**	**2.7**	**2.7**	**4.0**	**2.9**	**4.1**	**5.6**	**4.9**	**5.6**	**3.9**	**3.5**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful opportunities	9.0	12.0	32.0	55.0	16.0	22.0	13.0	57.0
Total opportunities	10.0	12.0	34.0	56.0	17.0	22.0	14.0	58.0
Indicator value	**94.6%**	**95.6%**	**95.3%**	**95.6%**	**95.2%**	**95.2%**	**95.4%**	**96.9%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Participating Key personnel	150.0	149.0	141.0	149.0	151.0	142.0	141.0	151.0
Total Key personnel	155.0	153.0	149.0	156.0	153.0	150.0	150.0	151.0
Indicator value	**96.8%**	**97.4%**	**94.6%**	**95.5%**	**98.7%**	**94.7%**	**94.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful siren-tests	1154	1031	1092	1092	1142	1291	1481	1358
Total sirens-tests	1172	1046	1111	1121	1157	1300	1495	1365
Indicator value	**98.0%**	**98.1%**	**98.3%**	**98.2%**	**98.2%**	**98.5%**	**98.7%**	**99.2%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
IDS compensatory hours	30.00	26.00	47.00	96.00	31.00	20.00	54.00	22.00
CCTV compensatory hours	0	0	0	9.0	6.0	3.0	12.0	0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.015**	**0.014**	**0.012**	**0.005**	**0.005**	**0.005**	**0.006**	**0.004**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: October 22, 2003

Oconee 1

4Q/2003 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1949.4	1529.2	2162.0	2210.0	2160.0	2183.0	1946.1	57.1
Indicator value	**0.8**	**0.9**	**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	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned power changes	0	1.0	1.0	0	0	1.0	0	0
Critical hours	1949.4	1529.2	2162.0	2209.0	2160.0	2183.0	1946.1	57.1
Indicator value	**0.8**	**0.9**	**1.8**	**1.8**	**1.7**	**1.6**	**0.8**	**1.1**

Licensee Comments: none

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	86.79	0	0	0	10.19	0.84	0	0
Unplanned unavailable hours	0	0	0	0	0	0	2.08	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	2000.75	1584.14	2208.00	2209.00	2160.00	2183.00	2208.00	145.33
Indicator value	**1.3%**	**1.3%**	**1.1%**	**1.0%**	**0.8%**	**0.7%**	**0.5%**	**0.5%**

Licensee Comments: none

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)	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**	**3Q/03**	**4Q/03**
Train 1								
Planned unavailable hours	36.26	4.46	1.19	0.43	36.32	33.16	9.79	2.03
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	1955.20	1560.00	2208.00	2209.00	2160.00	2183.00	1952.60	111.00
Train 2								
Planned unavailable hours	40.22	5.17	2.52	21.37	40.40	18.27	10.79	4.73
Unplanned unavailable hours	0	0	0	0	0	14.58	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	1955.20	1560.00	2208.00	2209.00	2160.00	2183.00	1952.60	111.00
Indicator value	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**	**0.9%**	**0.7%**	**0.8%**

Licensee Comments: none

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	13.30	1.80	3.08	9.00	40.50	1.70	6.40	1.00
Unplanned unavailable hours	4.20	0	0	0	26.10	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	1964.00	1572.00	2208.00	2209.00	2160.00	2183.00	1958.20	125.70
Train 2								
Planned unavailable hours	13.40	3.80	5.10	8.20	24.10	1.70	10.80	0
Unplanned unavailable hours	0	0	114.10	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	2018.50	0	0	0	0
Required hours	1964.00	1572.00	2208.00	2209.00	2160.00	2183.00	1958.20	125.70
Train 3								
Planned unavailable hours	5.10	6.25	7.63	12.20	3.40	6.17	27.50	1.00
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	1964.00	1572.00	2208.00	2209.00	2160.00	2183.00	1958.20	125.70
Indicator value	**3.5%**	**3.4%**	**3.6%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

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	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	32.20	25.00	13.60	39.30	42.00	34.78	22.05	3.90
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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2184.58	744.00
Train 2								
Planned unavailable hours	21.70	25.20	27.10	15.30	33.00	31.33	10.62	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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2184.58	744.00
Indicator value	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**1.0%**	**1.0%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	**0**	**0**	**1**	**1**	**1**	**1**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/02**	**2/02**	**3/02**	**4/02**	**5/02**	**6/02**	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**
Maximum activity	0.004800	0.005100	0.005300	0.000900	0.001900	0.002000	0.002100	0.002400	0.004400	0.003100	0.003000	0.003400
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	**0.5**	**0.5**	**0.5**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.4**	**0.3**	**0.3**	**0.3**

Reactor Coolant System Activity	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**
Maximum activity	0.003700	0.004100	0.004200	0.004000	0.004500	0.004400	0.004700	0.004500	0.004100	0	0	0.000270
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**	**0.5**	**0.4**	**0.5**	**0.5**	**0.4**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.280	0.250	0.490	0	0.130	0.130	0.150	0.280	0.160	0.340	0.270	0.270
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	**2.8**	**2.5**	**4.9**	**0**	**1.3**	**1.3**	**1.5**	**2.8**	**1.6**	**3.4**	**2.7**	**2.7**

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0.270	0.400	0.290	0.410	0.560	0.490	0.560	0.391	0.348	0	0	0.002
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	**2.7**	**4.0**	**2.9**	**4.1**	**5.6**	**4.9**	**5.6**	**3.9**	**3.5**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful opportunities	12.0	32.0	55.0	16.0	22.0	13.0	57.0	9.0
Total opportunities	12.0	34.0	56.0	17.0	22.0	14.0	58.0	10.0
Indicator value	**95.6%**	**95.3%**	**95.6%**	**95.2%**	**95.2%**	**95.4%**	**96.9%**	**96.9%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Participating Key personnel	149.0	141.0	149.0	151.0	142.0	141.0	151.0	142.0
Total Key personnel	153.0	149.0	156.0	153.0	150.0	150.0	151.0	142.0
Indicator value	**97.4%**	**94.6%**	**95.5%**	**98.7%**	**94.7%**	**94.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful siren-tests	1031	1092	1092	1142	1291	1481	1358	1546
Total sirens-tests	1046	1111	1121	1157	1300	1495	1365	1560
Indicator value	**98.1%**	**98.3%**	**98.2%**	**98.2%**	**98.5%**	**98.7%**	**99.2%**	**99.2%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
IDS compensatory hours	26.00	47.00	96.00	31.00	20.00	54.00	22.00	8.00
CCTV compensatory hours	0	0	9.0	6.0	3.0	12.0	0	0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.014**	**0.012**	**0.005**	**0.005**	**0.005**	**0.006**	**0.004**	**0.003**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: January 23, 2004

Oconee 1

1Q/2004 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/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1529.2	2162.0	2210.0	2160.0	2183.0	1946.1	57.1	2073.6
Indicator value	**0.9**	**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	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned power changes	1.0	1.0	0	0	1.0	0	0	1.0
Critical hours	1529.2	2162.0	2209.0	2160.0	2183.0	1946.1	57.1	2073.6
Indicator value	**0.9**	**1.8**	**1.8**	**1.7**	**1.6**	**0.8**	**1.1**	**2.2**

Licensee Comments:

1Q/04: 1/08/04 Shutdown to locate the unidentified Reactor Coolant System leak in the Unit 1 Reactor Building. PIP O-04-00101

Safety System Unavailability, Emergency AC Power

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	0	0	10.19	0.84	0	0	0
Unplanned unavailable hours	0	0	0	0	0	2.08	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	1584.14	2208.00	2209.00	2160.00	2183.00	2208.00	145.33	2172.00
Indicator value	**1.3%**	**1.1%**	**1.0%**	**0.8%**	**0.7%**	**0.5%**	**0.5%**	**0.4%**

Licensee Comments: none

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)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	4.46	1.19	0.43	36.32	33.16	9.79	2.03	13.83
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	1560.00	2208.00	2209.00	2160.00	2183.00	1952.60	111.00	2155.00
Train 2								
Planned unavailable hours	5.17	2.52	21.37	40.40	18.27	10.79	4.73	15.16
Unplanned unavailable hours	0	0	0	0	14.58	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	1560.00	2208.00	2209.00	2160.00	2183.00	1952.60	111.00	2155.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.8%**	**0.9%**	**0.7%**	**0.8%**	**0.8%**

Licensee Comments: none

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)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	1.80	3.08	9.00	40.50	1.70	6.40	1.00	10.23
Unplanned unavailable hours	0	0	0	26.10	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	1572.00	2208.00	2209.00	2160.00	2183.00	1958.20	125.70	2163.00
Train 2								
Planned unavailable hours	3.80	5.10	8.20	24.10	1.70	10.80	0	5.04
Unplanned unavailable hours	0	114.10	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	2018.50	0	0	0	0	0
Required hours	1572.00	2208.00	2209.00	2160.00	2183.00	1958.20	125.70	2163.00
Train 3								
Planned unavailable hours	6.25	7.63	12.20	3.40	6.17	27.50	1.00	21.30
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	1572.00	2208.00	2209.00	2160.00	2183.00	1958.20	125.70	2163.00
Indicator value	**3.4%**	**3.6%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

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	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	25.00	13.60	39.30	42.00	34.78	22.05	3.90	2.39
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	2183.00	2208.00	2209.00	2160.00	2183.00	2184.58	939.25	2184.00
Train 2								
Planned unavailable hours	25.20	27.10	15.30	33.00	31.33	10.62	0	1.88
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	2183.00	2208.00	2209.00	2160.00	2183.00	2184.58	939.25	2184.00
Indicator value	**0.9%**	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**

Licensee Comments:

4Q/03: This is an increase from the previously reported 0 hours. Mode 6 was entered at 20:45:11on 11/22/03. Residual Heat Removal System was required starting at this time.

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	**0**	**1**	**1**	**1**	**1**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum activity	0.000900	0.001900	0.002000	0.002100	0.002400	0.004400	0.003100	0.003000	0.003400	0.003700	0.004100	0.004200
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	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.4**	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.004000	0.004500	0.004400	0.004700	0.004500	0.004100	0	0	0.000270	0.001400	0.001600	0.004200
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**	**0.5**	**0.4**	**0.5**	**0.5**	**0.4**	**0**	**0**	**0**	**0.1**	**0.2**	**0.4**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0	0.130	0.130	0.150	0.280	0.160	0.340	0.270	0.270	0.270	0.400	0.290
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**	**1.3**	**1.3**	**1.5**	**2.8**	**1.6**	**3.4**	**2.7**	**2.7**	**2.7**	**4.0**	**2.9**

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	0.410	0.560	0.490	0.560	0.391	0.348	0	0	0.002	0.916	0.161	0.150
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	**4.1**	**5.6**	**4.9**	**5.6**	**3.9**	**3.5**	**0**	**0**	**0**	**9.2**	**1.6**	**1.5**

Licensee Comments:

3/04: The January leakage value was due to a crack in 3/8 inch diameter tubing at a fitting on a Reactor Vessel Level Instrument line the 'B' side. PIP O-04-00101

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful opportunities	32.0	55.0	16.0	22.0	13.0	57.0	9.0	42.0
Total opportunities	34.0	56.0	17.0	22.0	14.0	58.0	10.0	45.0
Indicator value	**95.3%**	**95.6%**	**95.2%**	**95.2%**	**95.4%**	**96.9%**	**96.9%**	**96.1%**

Licensee Comments:

4Q/01: Historical data update.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Participating Key personnel	141.0	149.0	151.0	142.0	141.0	151.0	142.0	145.0
Total Key personnel	149.0	156.0	153.0	150.0	150.0	151.0	142.0	149.0
Indicator value	**94.6%**	**95.5%**	**98.7%**	**94.7%**	**94.0%**	**100.0%**	**100.0%**	**97.3%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful siren-tests	1092	1092	1142	1291	1481	1358	1546	1554
Total sirens-tests	1111	1121	1157	1300	1495	1365	1560	1560
Indicator value	**98.3%**	**98.2%**	**98.2%**	**98.5%**	**98.7%**	**99.2%**	**99.2%**	**99.3%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
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/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
IDS compensatory hours	47.00	96.00	31.00	20.00	54.00	22.00	8.00	4.00
CCTV compensatory hours	0	9.0	6.0	3.0	12.0	0	0	0
IDS normalization factor	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.012**	**0.005**	**0.005**	**0.005**	**0.006**	**0.004**	**0.003**	**0.002**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Program failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Program Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 22, 2004

Oconee 1

2Q/2004 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2162.0	2210.0	2160.0	2183.0	1946.1	57.1	2073.6	2183.0
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/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	1.0	0	0	1.0	0	0	1.0	0
Critical hours	2162.0	2209.0	2160.0	2183.0	1946.1	57.1	2073.6	2183.0
Indicator value	**1.8**	**1.8**	**1.7**	**1.6**	**0.8**	**1.1**	**2.2**	**1.1**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	0	0	10.19	0.84	0	0	0	0.62
Unplanned unavailable hours	0	0	0	0	2.08	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	2209.00	2160.00	2183.00	2208.00	145.33	2172.00	2184.00
Indicator value	**1.1%**	**1.0%**	**0.8%**	**0.7%**	**0.5%**	**0.5%**	**0.4%**	**0.5%**

Licensee Comments: none

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/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	1.19	0.43	36.32	33.16	9.79	2.03	13.83	20.73
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	2209.00	2160.00	2183.00	1952.60	111.00	2155.00	2183.00
Train 2								
Planned unavailable hours	2.52	21.37	40.40	18.27	10.79	4.73	15.16	16.76
Unplanned unavailable hours	0	0	0	14.58	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	2209.00	2160.00	2183.00	1952.60	111.00	2155.00	2183.00
Indicator value	**0.7%**	**0.7%**	**0.8%**	**0.9%**	**0.7%**	**0.8%**	**0.8%**	**0.8%**

Licensee Comments: none

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/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	3.08	9.00	40.50	1.70	6.40	1.00	10.23	9.83
Unplanned unavailable hours	0	0	26.10	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	2209.00	2160.00	2183.00	1958.20	125.70	2163.00	2183.00
Train 2								
Planned unavailable hours	5.10	8.20	24.10	1.70	10.80	0	5.04	10.13
Unplanned unavailable hours	114.10	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	2018.50	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	1958.20	125.70	2163.00	2183.00
Train 3								
Planned unavailable hours	7.63	12.20	3.40	6.17	27.50	1.00	21.30	9.20
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	2209.00	2160.00	2183.00	1958.20	125.70	2163.00	2183.00
Indicator value	**3.6%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

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/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	13.60	39.30	42.00	34.78	22.05	3.90	2.39	10.04
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	2209.00	2160.00	2183.00	2184.58	939.25	2184.00	2183.00
Train 2								
Planned unavailable hours	27.10	15.30	33.00	31.33	10.62	0	1.88	10.84
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	2209.00	2160.00	2183.00	2184.58	939.25	2184.00	2183.00
Indicator value	**0.9%**	**0.9%**	**0.9%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.002100	0.002400	0.004400	0.003100	0.003000	0.003400	0.003700	0.004100	0.004200	0.004000	0.004500	0.004400
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	**0.2**	**0.2**	**0.4**	**0.3**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.4**

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	0.004700	0.004500	0.004100	0	0	0.000270	0.001400	0.001600	0.004200	0.002200	0.002000	0.002100
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	**0.5**	**0.5**	**0.4**	**0**	**0**	**0**	**0.1**	**0.2**	**0.4**	**0.2**	**0.2**	**0.2**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**
Maximum leakage	0.150	0.280	0.160	0.340	0.270	0.270	0.270	0.400	0.290	0.410	0.560	0.490
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	**1.5**	**2.8**	**1.6**	**3.4**	**2.7**	**2.7**	**2.7**	**4.0**	**2.9**	**4.1**	**5.6**	**4.9**
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	0.560	0.391	0.348	0	0	0.002	0.916	0.161	0.150	0.183	0.082	0.058
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	**5.6**	**3.9**	**3.5**	**0**	**0**	**0**	**9.2**	**1.6**	**1.5**	**1.8**	**0.8**	**0.6**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful opportunities	55.0	16.0	22.0	13.0	57.0	9.0	42.0	14.0
Total opportunities	56.0	17.0	22.0	14.0	58.0	10.0	45.0	14.0
Indicator value	**95.6%**	**95.2%**	**95.2%**	**95.4%**	**96.9%**	**96.9%**	**96.1%**	**96.6%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Participating Key personnel	149.0	151.0	142.0	141.0	151.0	142.0	146.0	149.0
Total Key personnel	156.0	153.0	150.0	150.0	151.0	142.0	149.0	150.0
Indicator value	**95.5%**	**98.7%**	**94.7%**	**94.0%**	**100.0%**	**100.0%**	**98.0%**	**99.3%**

Licensee Comments:

1Q/04: O n 7/7/04, it was discovered that an ERO member who had participated in 3/9/04 drill, had not received dril participation credit. This person filled a position that affected the NRC PI.

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful siren-tests	1092	1142	1291	1481	1358	1546	1554	1559
Total sirens-tests	1121	1157	1300	1495	1365	1560	1560	1561
Indicator value	**98.2%**	**98.2%**	**98.5%**	**98.7%**	**99.2%**	**99.2%**	**99.3%**	**99.5%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
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	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
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.

Oconee 1

3Q/2004 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2210.0	2160.0	2183.0	1946.1	57.1	2073.6	2183.0	2208.0
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	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned power changes	0	0	1.0	0	0	1.0	0	0
Critical hours	2209.0	2160.0	2183.0	1946.1	57.1	2073.6	2183.0	2208.0
Indicator value	**1.8**	**1.7**	**1.6**	**0.8**	**1.1**	**2.2**	**1.1**	**1.1**

Licensee Comments:

3Q/04: This power reduction was to enable inspection of heater drain piping for erosion in response to OE from Japan. Plan was made the evening of 09/02/04 and power reduction began 09/04/04, less than 72 hours advance.

Safety System Unavailability, Emergency AC Power

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0	10.19	0.84	0	0	0	0.62	9.89
Unplanned unavailable hours	0	0	0	2.08	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	2209.00	2160.00	2183.00	2208.00	145.33	2172.00	2184.00	2208.00
Indicator value	**1.0%**	**0.8%**	**0.7%**	**0.5%**	**0.5%**	**0.4%**	**0.5%**	**0.5%**

Licensee Comments: none

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)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0.43	36.32	33.16	9.79	2.03	13.83	20.73	5.02
Unplanned unavailable hours	0	0	0	0	0	0	0	11.33
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	1952.60	111.00	2155.00	2183.00	2208.00
Train 2								
Planned unavailable hours	21.37	40.40	18.27	10.79	4.73	15.16	16.76	5.46
Unplanned unavailable hours	0	0	14.58	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	2209.00	2160.00	2183.00	1952.60	111.00	2155.00	2183.00	2208.00
Indicator value	**0.7%**	**0.8%**	**0.9%**	**0.7%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**

Licensee Comments: none

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)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	9.00	40.50	1.70	6.40	1.00	10.23	9.83	5.20
Unplanned unavailable hours	0	26.10	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	2209.00	2160.00	2183.00	1958.20	125.70	2163.00	2183.00	2208.00
Train 2								
Planned unavailable hours	8.20	24.10	1.70	10.80	0	5.04	10.13	6.80
Unplanned unavailable hours	0	0	0	0	0	0	0	5.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	2018.50	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	1958.20	125.70	2163.00	2183.00	2208.00
Train 3								
Planned unavailable hours	12.20	3.40	6.17	27.50	1.00	21.30	9.20	3.00
Unplanned unavailable hours	0	0	0	0	0	0	0	5.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	1958.20	125.70	2163.00	2183.00	2208.00
Indicator value	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

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	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	39.30	42.00	34.78	22.05	3.90	2.39	10.04	9.06
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	2209.00	2160.00	2183.00	2184.58	939.25	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	15.30	33.00	31.33	10.62	0	1.88	10.84	3.53
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	2209.00	2160.00	2183.00	2184.58	939.25	2184.00	2183.00	2208.00
Indicator value	**0.9%**	**0.9%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**1**

Licensee Comments:

3Q/04: 269/2004-02 Main steam line break mitigation design/analysis deficiency which could result in main & startup feedwater control valves being technically inoperable for mitigation of some steam line break scenarios.

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**
Maximum activity	0.003100	0.003000	0.003400	0.003700	0.004100	0.004200	0.004000	0.004500	0.004400	0.004700	0.004500	0.004100
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**	**0.3**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.5**	**0.4**

Reactor Coolant System Activity	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**
Maximum activity	0	0	0.000270	0.001400	0.001600	0.004200	0.002200	0.002000	0.002100	0.002255	0.002180	0.002386
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**	**0.1**	**0.2**	**0.4**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0.340	0.270	0.270	0.270	0.400	0.290	0.410	0.560	0.490	0.560	0.391	0.348
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	**3.4**	**2.7**	**2.7**	**2.7**	**4.0**	**2.9**	**4.1**	**5.6**	**4.9**	**5.6**	**3.9**	**3.5**

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0	0	0.002	0.916	0.161	0.150	0.183	0.082	0.058	0.118	0.057	0.057
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**	**9.2**	**1.6**	**1.5**	**1.8**	**0.8**	**0.6**	**1.2**	**0.6**	**0.6**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	16.0	22.0	13.0	57.0	9.0	42.0	14.0	101.0
Total opportunities	17.0	22.0	14.0	58.0	10.0	45.0	14.0	105.0
Indicator value	**95.2%**	**95.2%**	**95.4%**	**96.9%**	**96.9%**	**96.1%**	**96.6%**	**96.1%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Participating Key personnel	151.0	142.0	141.0	151.0	142.0	146.0	149.0	155.0
Total Key personnel	153.0	150.0	150.0	151.0	142.0	149.0	150.0	155.0
Indicator value	**98.7%**	**94.7%**	**94.0%**	**100.0%**	**100.0%**	**98.0%**	**99.3%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful siren-tests	1142	1291	1481	1358	1546	1554	1559	1585
Total sirens-tests	1157	1300	1495	1365	1560	1560	1561	1588
Indicator value	**98.2%**	**98.5%**	**98.7%**	**99.2%**	**99.2%**	**99.3%**	**99.5%**	**99.6%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
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	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
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.

Last Modified: October 25, 2004

Oconee 1

4Q/2004 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	1946.1	57.1	2073.6	2183.0	2208.0	2209.0
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	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	0	1.0	0	0	1.0	0	0	0
Critical hours	2160.0	2183.0	1946.1	57.1	2073.6	2183.0	2208.0	2209.0
Indicator value	**1.7**	**1.6**	**0.8**	**1.1**	**2.2**	**1.1**	**1.1**	**0.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	10.19	0.84	0	0	0	0.62	9.89	0.57
Unplanned unavailable hours	0	0	2.08	0	0	0	0	23.36
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	145.33	2172.00	2184.00	2208.00	2208.00
Indicator value	**0.8%**	**0.7%**	**0.5%**	**0.5%**	**0.4%**	**0.5%**	**0.5%**	**0.6%**

Licensee Comments: none

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)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	36.32	33.16	9.79	2.03	13.83	20.73	5.02	3.57
Unplanned unavailable hours	0	0	0	0	0	0	11.33	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	2160.00	2183.00	1952.60	111.00	2155.00	2183.00	2208.00	2208.00
Train 2								
Planned unavailable hours	40.40	18.27	10.79	4.73	15.16	16.76	5.46	4.09
Unplanned unavailable hours	0	14.58	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	2160.00	2183.00	1952.60	111.00	2155.00	2183.00	2208.00	2208.00
Indicator value	**0.8%**	**0.9%**	**0.7%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**

Licensee Comments: none

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)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	40.50	1.70	6.40	1.00	10.23	9.83	5.20	3.20
Unplanned unavailable hours	26.10	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	2160.00	2183.00	1958.20	125.70	2163.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	24.10	1.70	10.80	0	5.04	10.13	6.80	8.20
Unplanned unavailable hours	0	0	0	0	0	0	5.80	1.25
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	1958.20	125.70	2163.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	3.40	6.17	27.50	1.00	21.30	9.20	3.00	7.55
Unplanned unavailable hours	0	0	0	0	0	0	5.80	1.25
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	1958.20	125.70	2163.00	2183.00	2208.00	2209.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

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	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	42.00	34.78	22.05	3.90	2.39	10.04	9.06	0.80
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	2160.00	2183.00	2184.58	939.25	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	33.00	31.33	10.62	0	1.88	10.84	3.53	8.80
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	2160.00	2183.00	2184.58	939.25	2184.00	2183.00	2208.00	2209.00
Indicator value	**0.9%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.8%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**
Maximum activity	0.003700	0.004100	0.004200	0.004000	0.004500	0.004400	0.004700	0.004500	0.004100	0	0	0.000270
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**	**0.5**	**0.4**	**0.5**	**0.5**	**0.4**	**0**	**0**	**0**

Reactor Coolant System Activity	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**
Maximum activity	0.001400	0.001600	0.004200	0.002200	0.002000	0.002100	0.002255	0.002180	0.002386	0.002002	0.002989	0.002417
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	**0.1**	**0.2**	**0.4**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.2**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0.270	0.400	0.290	0.410	0.560	0.490	0.560	0.391	0.348	0	0	0.002
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	**2.7**	**4.0**	**2.9**	**4.1**	**5.6**	**4.9**	**5.6**	**3.9**	**3.5**	**0**	**0**	**0**

Reactor Coolant System Leakage	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum leakage	0.916	0.161	0.150	0.183	0.082	0.058	0.118	0.057	0.057	0.050	0.215	0.188
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	**9.2**	**1.6**	**1.5**	**1.8**	**0.8**	**0.6**	**1.2**	**0.6**	**0.6**	**0.5**	**2.2**	**1.9**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	22.0	13.0	57.0	9.0	42.0	14.0	101.0	20.0
Total opportunities	22.0	14.0	58.0	10.0	45.0	14.0	105.0	21.0
Indicator value	**95.2%**	**95.4%**	**96.9%**	**96.9%**	**96.1%**	**96.6%**	**96.1%**	**96.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Participating Key personnel	142.0	141.0	151.0	142.0	146.0	149.0	155.0	155.0
Total Key personnel	150.0	150.0	151.0	142.0	149.0	150.0	155.0	156.0
Indicator value	**94.7%**	**94.0%**	**100.0%**	**100.0%**	**98.0%**	**99.3%**	**100.0%**	**99.4%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful siren-tests	1291	1481	1358	1546	1554	1559	1585	1650
Total sirens-tests	1300	1495	1365	1560	1560	1561	1588	1653
Indicator value	**98.5%**	**98.7%**	**99.2%**	**99.2%**	**99.3%**	**99.5%**	**99.6%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Last Modified: March 9, 2005

Oconee 1

1Q/2005 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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	1946.1	57.1	2073.6	2183.0	2208.0	2209.0	2160.0
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	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	1.0	0	0	1.0	0	0	0	0
Critical hours	2183.0	1946.1	57.1	2073.6	2183.0	2208.0	2209.0	2160.0
Indicator value	**1.6**	**0.8**	**1.1**	**2.2**	**1.1**	**1.1**	**0.8**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	0.84	0	0	0	0.62	9.89	0.57	0
Unplanned unavailable hours	0	2.08	0	0	0	0	23.36	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	2183.00	2208.00	145.33	2172.00	2184.00	2208.00	2208.00	2160.00
Indicator value	**0.7%**	**0.5%**	**0.5%**	**0.4%**	**0.5%**	**0.5%**	**0.6%**	**0.2%**

Licensee Comments: none

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)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	33.16	9.79	2.03	13.83	20.73	5.02	3.57	11.78
Unplanned unavailable hours	0	0	0	0	0	11.33	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	2183.00	1952.60	111.00	2155.00	2183.00	2208.00	2208.00	2160.00
Train 2								
Planned unavailable hours	18.27	10.79	4.73	15.16	16.76	5.46	4.09	8.33
Unplanned unavailable hours	14.58	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	2183.00	1952.60	111.00	2155.00	2183.00	2208.00	2208.00	2160.00
Indicator value	**0.9%**	**0.7%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.7%**

Licensee Comments: none

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)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	1.70	6.40	1.00	10.23	9.83	5.20	3.20	10.57
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	2183.00	1958.20	125.70	2163.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	1.70	10.80	0	5.04	10.13	6.80	8.20	13.98
Unplanned unavailable hours	0	0	0	0	0	5.80	1.25	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	2183.00	1958.20	125.70	2163.00	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	6.17	27.50	1.00	21.30	9.20	3.00	7.55	4.89
Unplanned unavailable hours	0	0	0	0	0	5.80	1.25	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	2183.00	1958.20	125.70	2163.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

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	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	34.78	22.05	3.90	2.39	10.04	9.06	0.80	18.92
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	2183.00	2184.58	939.25	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	31.33	10.62	0	1.88	10.84	3.53	8.80	0.73
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	2183.00	2184.58	939.25	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.0%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.8%**	**0.8%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**
Maximum activity	0.004000	0.004500	0.004400	0.004700	0.004500	0.004100	0	0	0.000270	0.001400	0.001600	0.004200
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**	**0.5**	**0.4**	**0.5**	**0.5**	**0.4**	**0**	**0**	**0**	**0.1**	**0.2**	**0.4**

Reactor Coolant System Activity	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**
Maximum activity	0.002200	0.002000	0.002100	0.002255	0.002180	0.002386	0.002002	0.002989	0.002417	0.002386	0.002657	0.002537
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	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**
Maximum leakage	0.410	0.560	0.490	0.560	0.391	0.348	0	0	0.002	0.916	0.161	0.150
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	**4.1**	**5.6**	**4.9**	**5.6**	**3.9**	**3.5**	**0**	**0**	**0**	**9.2**	**1.6**	**1.5**
Reactor Coolant System Leakage	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**
Maximum leakage	0.183	0.082	0.058	0.118	0.057	0.057	0.050	0.215	0.188	0.142	0.148	0.211
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	**1.8**	**0.8**	**0.6**	**1.2**	**0.6**	**0.6**	**0.5**	**2.2**	**1.9**	**1.4**	**1.5**	**2.1**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	13.0	57.0	9.0	42.0	14.0	101.0	20.0	44.0
Total opportunities	14.0	58.0	10.0	45.0	14.0	105.0	21.0	51.0
Indicator value	**95.4%**	**96.9%**	**96.9%**	**96.1%**	**96.6%**	**96.1%**	**96.2%**	**94.3%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	141.0	151.0	142.0	146.0	149.0	155.0	155.0	156.0
Total Key personnel	150.0	151.0	142.0	149.0	150.0	155.0	156.0	156.0
Indicator value	**94.0%**	**100.0%**	**100.0%**	**98.0%**	**99.3%**	**100.0%**	**99.4%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	1481	1358	1546	1554	1559	1585	1650	1549
Total sirens-tests	1495	1365	1560	1560	1561	1588	1653	1560
Indicator value	**98.7%**	**99.2%**	**99.2%**	**99.3%**	**99.5%**	**99.6%**	**99.8%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Last Modified: June 17, 2005

Oconee 1

2Q/2005 Performance Indicators

Licensee's General Comments: none

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	1946.1	57.1	2073.6	2183.0	2208.0	2209.0	2160.0	1322.5
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	**1.0**	**1.0**	**1.0**	**1.0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	1946.1	57.1	2073.6	2183.0	2208.0	2209.0	2160.0	1322.5
Indicator value	**0.8**	**1.1**	**2.2**	**1.1**	**1.1**	**0.8**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

Thresholds: White > 2.0% Yellow > 4.0% 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	0	0	0	0.62	9.89	0.57	0	16.43
Unplanned unavailable hours	2.08	0	0	0	0	23.36	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	145.33	2172.00	2184.00	2208.00	2208.00	2160.00	1431.30
Indicator value	**0.5%**	**0.5%**	**0.4%**	**0.5%**	**0.5%**	**0.6%**	**0.2%**	**0.3%**

Licensee Comments: none

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	9.79	2.03	13.83	20.73	5.02	3.57	11.78	6.56
Unplanned unavailable hours	0	0	0	0	11.33	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	1952.60	111.00	2155.00	2183.00	2208.00	2208.00	2160.00	1660.70
Train 2								
Planned unavailable hours	10.79	4.73	15.16	16.76	5.46	4.09	8.33	5.73
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	1952.60	111.00	2155.00	2183.00	2208.00	2208.00	2160.00	1660.70
Indicator value	**0.7%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.7%**	**0.7%**

Licensee Comments: none

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	6.40	1.00	10.23	9.83	5.20	3.20	10.57	4.80
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	1958.20	125.70	2163.00	2183.00	2208.00	2209.00	2160.00	1664.45
Train 2								
Planned unavailable hours	10.80	0	5.04	10.13	6.80	8.20	13.98	4.45
Unplanned unavailable hours	0	0	0	0	5.80	1.25	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	1958.20	125.70	2163.00	2183.00	2208.00	2209.00	2160.00	1664.45
Train 3								
Planned unavailable hours	27.50	1.00	21.30	9.20	3.00	7.55	4.89	7.20
Unplanned unavailable hours	0	0	0	0	5.80	1.25	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	1958.20	125.70	2163.00	2183.00	2208.00	2209.00	2160.00	1664.45
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

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	22.05	3.90	2.39	10.04	9.06	0.80	18.92	12.13
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	2184.58	939.25	2184.00	2183.00	2208.00	2209.00	2160.00	2089.65
Train 2								
Planned unavailable hours	10.62	0	1.88	10.84	3.53	8.80	0.73	11.81
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	2184.58	939.25	2184.00	2183.00	2208.00	2209.00	2160.00	2089.65
Indicator value	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.8%**	**0.8%**	**0.7%**

Licensee Comments: none

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	1	1	0	0
Indicator value	**0**	**0**	**0**	**0**	**1**	**2**	**2**	**2**

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	0.004700	0.004500	0.004100	0	0	0.000270	0.001400	0.001600	0.004200	0.002200	0.002000	0.002100
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	**0.5**	**0.5**	**0.4**	**0**	**0**	**0**	**0.1**	**0.2**	**0.4**	**0.2**	**0.2**	**0.2**

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	0.002255	0.002180	0.002386	0.002002	0.002989	0.002417	0.002386	0.002657	0.002537	0.002533	0.002178	0.001063
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	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**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	0.560	0.391	0.348	0	0	0.002	0.916	0.161	0.150	0.183	0.082	0.058
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	**5.6**	**3.9**	**3.5**	**0**	**0**	**0**	**9.2**	**1.6**	**1.5**	**1.8**	**0.8**	**0.6**
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	0.118	0.057	0.057	0.050	0.215	0.188	0.142	0.148	0.211	0.110	0.069	0.129
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	**1.2**	**0.6**	**0.6**	**0.5**	**2.2**	**1.9**	**1.4**	**1.5**	**2.1**	**1.1**	**0.7**	**1.3**

Licensee Comments: none

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	57.0	9.0	42.0	14.0	53.0	20.0	46.0	25.0
Total opportunities	58.0	10.0	45.0	14.0	55.0	21.0	51.0	26.0
Indicator value	**96.9%**	**96.9%**	**96.1%**	**96.6%**	**96.2%**	**96.2%**	**94.8%**	**95.0%**

Licensee Comments: none

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	151.0	142.0	146.0	149.0	155.0	155.0	156.0	154.0
Total Key personnel	151.0	142.0	149.0	150.0	155.0	156.0	156.0	154.0
Indicator value	**100.0%**	**100.0%**	**98.0%**	**99.3%**	**100.0%**	**99.4%**	**100.0%**	**100.0%**

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	1358	1546	1554	1559	1585	1650	1549	1620
Total sirens-tests	1365	1560	1560	1561	1588	1653	1560	1625
Indicator value	**99.2%**	**99.2%**	**99.3%**	**99.5%**	**99.6%**	**99.8%**	**99.7%**	**99.7%**

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**	**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	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.

Last Modified: August 3, 2005

Oconee 1

3Q/2005 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	57.1	2073.6	2183.0	2208.0	2209.0	2160.0	1322.5	2208.0
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	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	57.1	2073.6	2183.0	2208.0	2209.0	2160.0	1322.5	2208.0
Indicator value	**1.1**	**2.2**	**1.1**	**1.1**	**0.8**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	0	0	0.62	9.89	0.57	0	16.43	0
Unplanned unavailable hours	0	0	0	0	23.36	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	145.33	2172.00	2184.00	2208.00	2208.00	2160.00	1431.30	2208.00
Indicator value	**0.5%**	**0.4%**	**0.5%**	**0.5%**	**0.6%**	**0.2%**	**0.3%**	**0.3%**

Licensee Comments: none

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)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	2.03	13.83	20.73	5.02	3.57	11.78	6.56	0.42
Unplanned unavailable hours	0	0	0	11.33	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	111.00	2155.00	2183.00	2208.00	2208.00	2160.00	1403.45	2208.00
Train 2								
Planned unavailable hours	4.73	15.16	16.76	5.46	4.09	8.33	5.73	0.58
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	111.00	2155.00	2183.00	2208.00	2208.00	2160.00	1403.45	2208.00
Indicator value	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments:

2Q/05: Required hours reflect that Unit 1 was in an outage for part of the month.

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)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	1.00	10.23	9.83	5.20	3.20	10.57	4.80	4.19
Unplanned unavailable hours	0	0	0	0	0	0	0	14.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	125.70	2163.00	2183.00	2208.00	2209.00	2160.00	1664.45	2208.00
Train 2								
Planned unavailable hours	0	5.04	10.13	6.80	8.20	13.98	4.45	4.38
Unplanned unavailable hours	0	0	0	5.80	1.25	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	125.70	2163.00	2183.00	2208.00	2209.00	2160.00	1664.45	2208.00
Train 3								
Planned unavailable hours	1.00	21.30	9.20	3.00	7.55	4.89	7.20	8.22
Unplanned unavailable hours	0	0	0	5.80	1.25	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	125.70	2163.00	2183.00	2208.00	2209.00	2160.00	1664.45	2208.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.5%**

Licensee Comments:

3Q/05: One of the pressure switches in the 1A MDEFW pump auto start circuity failed during monthly surveillance testing. With the last successful test completed on 8/9/05, the T/2 Fault Exposure is 354.7 hours. However, a memory item of the License Operator and EOP guidance would have directed starting the MDEFW pump (by simply placing the control switch in run) in the event flow was required to the Steam Generator. This item would not have required any complicated diagnosis.

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	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	3.90	2.39	10.04	9.06	0.80	18.92	12.13	12.38
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	939.25	2184.00	2183.00	2208.00	2209.00	2160.00	2089.65	2208.00
Train 2								
Planned unavailable hours	0	1.88	10.84	3.53	8.80	0.73	11.81	12.12
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	939.25	2184.00	2183.00	2208.00	2209.00	2160.00	2089.65	2208.00
Indicator value	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.8%**	**0.8%**	**0.7%**	**0.7%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	0	0	0.000270	0.001400	0.001600	0.004200	0.002200	0.002000	0.002100	0.002255	0.002180	0.002386
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**	**0.1**	**0.2**	**0.4**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.002002	0.002989	0.002417	0.002386	0.002657	0.002537	0.002533	0.002178	0.001063	0.001078	0.001091	0.001189
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	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0	0	0.002	0.916	0.161	0.150	0.183	0.082	0.058	0.118	0.057	0.057
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**	**9.2**	**1.6**	**1.5**	**1.8**	**0.8**	**0.6**	**1.2**	**0.6**	**0.6**
Reactor Coolant System Leakage	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**
Maximum leakage	0.050	0.215	0.188	0.142	0.148	0.211	0.110	0.069	0.129	0.061	0.055	0.074
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	**0.5**	**2.2**	**1.9**	**1.4**	**1.5**	**2.1**	**1.1**	**0.7**	**1.3**	**0.6**	**0.6**	**0.7**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	9.0	42.0	14.0	53.0	20.0	46.0	25.0	49.0
Total opportunities	10.0	45.0	14.0	55.0	21.0	51.0	26.0	50.0
Indicator value	**96.9%**	**96.1%**	**96.6%**	**96.2%**	**96.2%**	**94.8%**	**95.0%**	**94.9%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	142.0	146.0	149.0	155.0	155.0	156.0	154.0	151.0
Total Key personnel	142.0	149.0	150.0	155.0	156.0	156.0	154.0	152.0
Indicator value	**100.0%**	**98.0%**	**99.3%**	**100.0%**	**99.4%**	**100.0%**	**100.0%**	**99.3%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	1546	1554	1559	1585	1650	1549	1620	1555
Total sirens-tests	1560	1560	1561	1588	1653	1560	1625	1560
Indicator value	**99.2%**	**99.3%**	**99.5%**	**99.6%**	**99.8%**	**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	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/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**	**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	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/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.

Last Modified: November 3, 2005

Oconee 1

4Q/2005 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2073.6	2183.0	2208.0	2209.0	2160.0	1322.5	2208.0	2209.0
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	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**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	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2073.6	2183.0	2208.0	2209.0	2160.0	1322.5	2208.0	2209.0
Indicator value	**2.2**	**1.1**	**1.1**	**0.8**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	0	0.62	9.89	0.57	0	16.43	0	0.25
Unplanned unavailable hours	0	0	0	23.36	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	2172.00	2184.00	2208.00	2208.00	2160.00	1431.30	2208.00	2209.00
Indicator value	**0.4%**	**0.5%**	**0.5%**	**0.6%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

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)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	13.83	20.73	5.02	3.57	11.78	6.56	0.42	0.23
Unplanned unavailable hours	0	0	11.33	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	2155.00	2183.00	2208.00	2208.00	2160.00	1403.45	2208.00	2209.00
Train 2								
Planned unavailable hours	15.16	16.76	5.46	4.09	8.33	5.73	0.58	0.43
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	2155.00	2183.00	2208.00	2208.00	2160.00	1403.45	2208.00	2209.00
Indicator value	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**

Licensee Comments: none

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)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	10.23	9.83	5.20	3.20	10.57	4.80	4.19	13.76
Unplanned unavailable hours	0	0	0	0	0	0	14.00	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	2163.00	2183.00	2208.00	2209.00	2160.00	1664.45	2208.00	2209.00
Train 2								
Planned unavailable hours	5.04	10.13	6.80	8.20	13.98	4.45	4.38	5.78
Unplanned unavailable hours	0	0	5.80	1.25	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	2163.00	2183.00	2208.00	2209.00	2160.00	1664.45	2208.00	2209.00
Train 3								
Planned unavailable hours	21.30	9.20	3.00	7.55	4.89	7.20	8.22	15.20
Unplanned unavailable hours	0	0	5.80	1.25	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	2163.00	2183.00	2208.00	2209.00	2160.00	1664.45	2208.00	2209.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.5%**	**0.5%**

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	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	2.39	10.04	9.06	0.80	18.92	12.13	12.38	2.35
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	2184.00	2183.00	2208.00	2209.00	2160.00	2089.65	2208.00	2209.00
Train 2								
Planned unavailable hours	1.88	10.84	3.53	8.80	0.73	11.81	12.12	1.55
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	2184.00	2183.00	2208.00	2209.00	2160.00	2089.65	2208.00	2209.00
Indicator value	**0.9%**	**0.9%**	**0.9%**	**0.8%**	**0.8%**	**0.7%**	**0.7%**	**0.6%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**
Maximum activity	0.001400	0.001600	0.004200	0.002200	0.002000	0.002100	0.002255	0.002180	0.002386	0.002002	0.002989	0.002417
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	**0.1**	**0.2**	**0.4**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.2**

Reactor Coolant System Activity	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**
Maximum activity	0.002386	0.002657	0.002537	0.002533	0.002178	0.001063	0.001078	0.001091	0.001189	0.001052	0.001184	0.001192
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	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**
Maximum leakage	0.916	0.161	0.150	0.183	0.082	0.058	0.118	0.057	0.057	0.050	0.215	0.188
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	**9.2**	**1.6**	**1.5**	**1.8**	**0.8**	**0.6**	**1.2**	**0.6**	**0.6**	**0.5**	**2.2**	**1.9**
Reactor Coolant System Leakage	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**
Maximum leakage	0.142	0.148	0.211	0.110	0.069	0.129	0.061	0.055	0.074	0.094	0.064	0.069
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	**1.4**	**1.5**	**2.1**	**1.1**	**0.7**	**1.3**	**0.6**	**0.6**	**0.7**	**0.9**	**0.6**	**0.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful opportunities	42.0	14.0	53.0	20.0	46.0	25.0	49.0	9.0
Total opportunities	45.0	14.0	55.0	21.0	51.0	26.0	50.0	10.0
Indicator value	**96.1%**	**96.6%**	**96.2%**	**96.2%**	**94.8%**	**95.0%**	**94.9%**	**94.9%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Participating Key personnel	146.0	149.0	155.0	155.0	156.0	154.0	151.0	152.0
Total Key personnel	149.0	150.0	155.0	156.0	156.0	154.0	152.0	153.0
Indicator value	**98.0%**	**99.3%**	**100.0%**	**99.4%**	**100.0%**	**100.0%**	**99.3%**	**99.3%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful siren-tests	1554	1559	1585	1650	1549	1620	1555	1558
Total sirens-tests	1560	1561	1588	1653	1560	1625	1560	1557
Indicator value	**99.3%**	**99.5%**	**99.6%**	**99.8%**	**99.7%**	**99.7%**	**99.6%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Last Modified: January 30, 2006

Oconee 1

1Q/2006 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/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2160.0	1322.5	2208.0	2209.0	2160.0
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	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**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/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2160.0	1322.5	2208.0	2209.0	2160.0
Indicator value	**1.1**	**1.1**	**0.8**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

Thresholds: White > 2.0% Yellow > 4.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0.62	9.89	0.57	0	16.43	0	0.25	11.01
Unplanned unavailable hours	0	0	23.36	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	2184.00	2208.00	2208.00	2160.00	1431.30	2208.00	2209.00	2160.00
Indicator value	**0.5%**	**0.5%**	**0.6%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

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)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	20.73	5.02	3.57	11.78	6.56	0.42	0.23	19.91
Unplanned unavailable hours	0	11.33	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	2183.00	2208.00	2208.00	2160.00	1403.45	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	16.76	5.46	4.09	8.33	5.73	0.58	0.43	18.05
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	2183.00	2208.00	2208.00	2160.00	1403.45	2208.00	2209.00	2160.00
Indicator value	**0.8%**	**0.8%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**

Licensee Comments: none

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)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	9.83	5.20	3.20	10.57	4.80	4.19	13.76	12.62
Unplanned unavailable hours	0	0	0	0	0	14.00	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	2183.00	2208.00	2209.00	2160.00	1664.45	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	10.13	6.80	8.20	13.98	4.45	4.38	5.78	14.06
Unplanned unavailable hours	0	5.80	1.25	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	2183.00	2208.00	2209.00	2160.00	1664.45	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	9.20	3.00	7.55	4.89	7.20	8.22	15.20	6.50
Unplanned unavailable hours	0	5.80	1.25	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	2183.00	2208.00	2209.00	2160.00	1664.45	2208.00	2209.00	2160.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.5%**	**0.5%**	**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	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	10.04	9.06	0.80	18.92	12.13	12.38	2.35	7.87
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	2183.00	2208.00	2209.00	2160.00	2089.65	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	10.84	3.53	8.80	0.73	11.81	12.12	1.55	4.27
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	2183.00	2208.00	2209.00	2160.00	2089.65	2208.00	2209.00	2160.00
Indicator value	**0.9%**	**0.9%**	**0.8%**	**0.8%**	**0.7%**	**0.7%**	**0.6%**	**0.5%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Safety System Functional Failures	0	1	1	0	0	0	0	0
Indicator value	**0**	**1**	**2**	**2**	**2**	**1**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**
Maximum activity	0.002200	0.002000	0.002100	0.002255	0.002180	0.002386	0.002002	0.002989	0.002417	0.002386	0.002657	0.002537
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	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**

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	0.002533	0.002178	0.001063	0.001078	0.001091	0.001189	0.001052	0.001184	0.001192	0.001227	0.001240	0.001396
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**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**
Maximum leakage	0.183	0.082	0.058	0.118	0.057	0.057	0.050	0.215	0.188	0.142	0.148	0.211
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	**1.8**	**0.8**	**0.6**	**1.2**	**0.6**	**0.6**	**0.5**	**2.2**	**1.9**	**1.4**	**1.5**	**2.1**
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	0.110	0.069	0.129	0.061	0.055	0.074	0.094	0.064	0.069	0.097	0.099	0.114
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	**1.1**	**0.7**	**1.3**	**0.6**	**0.6**	**0.7**	**0.9**	**0.6**	**0.7**	**1.0**	**1.0**	**1.1**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	14.0	53.0	20.0	46.0	25.0	49.0	9.0	28.0
Total opportunities	14.0	55.0	21.0	51.0	26.0	50.0	10.0	32.0
Indicator value	**96.6%**	**96.2%**	**96.2%**	**94.8%**	**95.0%**	**94.9%**	**94.9%**	**94.2%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	149.0	155.0	155.0	156.0	154.0	151.0	152.0	152.0
Total Key personnel	150.0	155.0	156.0	156.0	154.0	152.0	153.0	152.0
Indicator value	**99.3%**	**100.0%**	**99.4%**	**100.0%**	**100.0%**	**99.3%**	**99.3%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	1559	1585	1650	1549	1620	1555	1558	1651
Total sirens-tests	1561	1588	1653	1560	1625	1560	1557	1653
Indicator value	**99.5%**	**99.6%**	**99.8%**	**99.7%**	**99.7%**	**99.6%**	**99.7%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
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.

Last Modified: May 5, 2006

Oconee 1

2Q/2006 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2160.0	1322.5	2208.0	2209.0	2160.0	2027.3
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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2160.0	1322.5	2208.0	2209.0	2160.0	2027.3
Indicator value	**1.1**	**0.8**	**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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Safety System Functional Failures	1	1	0	0	0	0	0	0
Indicator value	**1**	**2**	**2**	**2**	**1**	**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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								4.00E-07
URI (ΔCDF)								-1.90E-07
PLE								NO
Indicator value								**2.10E-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	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-4.90E-08
URI (ΔCDF)								-1.70E-07
PLE								NO
Indicator value								**-2.19E-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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-1.30E-08
URI (ΔCDF)								-1.70E-07
PLE								NO
Indicator value								**-1.83E-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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-6.30E-08
URI (ΔCDF)								-1.30E-07
PLE								NO
Indicator value								**-1.93E-07**

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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								9.60E-08
URI (ΔCDF)								-1.90E-07
PLE								NO
Indicator value								**-9.40E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.002255	0.002180	0.002386	0.002002	0.002989	0.002417	0.002386	0.002657	0.002537	0.002533	0.002178	0.001063
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	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**0.1**
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	0.001078	0.001091	0.001189	0.001052	0.001184	0.001192	0.001227	0.001240	0.001396	0.001277	0.001309	0.001427
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.118	0.057	0.057	0.050	0.215	0.188	0.142	0.148	0.211	0.110	0.069	0.129
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	**1.2**	**0.6**	**0.6**	**0.5**	**2.2**	**1.9**	**1.4**	**1.5**	**2.1**	**1.1**	**0.7**	**1.3**
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	0.061	0.055	0.074	0.094	0.064	0.069	0.097	0.099	0.114	0.130	0.107	0.083
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**	**0.6**	**0.7**	**0.9**	**0.6**	**0.7**	**1.0**	**1.0**	**1.1**	**1.3**	**1.1**	**0.8**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful opportunities	53.0	20.0	46.0	25.0	49.0	9.0	28.0	32.0
Total opportunities	55.0	21.0	51.0	26.0	50.0	10.0	32.0	32.0
Indicator value	**96.2%**	**96.2%**	**94.8%**	**95.0%**	**94.9%**	**94.9%**	**94.2%**	**94.6%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Participating Key personnel	155.0	155.0	156.0	154.0	151.0	152.0	152.0	150.0
Total Key personnel	155.0	156.0	156.0	154.0	152.0	153.0	152.0	151.0
Indicator value	**100.0%**	**99.4%**	**100.0%**	**100.0%**	**99.3%**	**99.3%**	**100.0%**	**99.3%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful siren-tests	1585	1650	1549	1620	1555	1558	1651	1683
Total sirens-tests	1588	1653	1560	1625	1560	1557	1653	1690
Indicator value	**99.6%**	**99.8%**	**99.7%**	**99.7%**	**99.6%**	**99.7%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
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	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
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.

Last Modified: August 2, 2006

Oconee 1

3Q/2006 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2160.0	1322.5	2208.0	2209.0	2160.0	2027.3	2208.0
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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2160.0	1322.5	2208.0	2209.0	2160.0	2027.3	2208.0
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	**2**	**2**	**2**	**1**	**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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							4.00E-07	1.70E-06
URI (ΔCDF)							-1.90E-07	-1.30E-06
PLE							NO	NO
Indicator value							**2.10E-07**	**4.00E-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	**4Q/04**	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**
UAI (ΔCDF)							-4.90E-08	-5.00E-08
URI (ΔCDF)							-1.70E-07	-1.70E-07
PLE							NO	NO
Indicator value							**-2.19E-07**	**-2.20E-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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							-1.30E-08	-3.50E-08
URI (ΔCDF)							-1.70E-07	-1.70E-07
PLE							NO	NO
Indicator value							**-1.83E-07**	**-2.05E-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	**4Q/04**	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**
UAI (ΔCDF)							-6.30E-08	2.40E-07
URI (ΔCDF)							-1.30E-07	-1.30E-07
PLE							NO	NO
Indicator value							**-1.93E-07**	**1.10E-07**

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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							9.60E-08	8.60E-08
URI (ΔCDF)							-4.20E-08	-4.20E-08
PLE							NO	NO
Indicator value							**5.40E-08**	**4.40E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**
Maximum activity	0.002002	0.002989	0.002417	0.002386	0.002657	0.002537	0.002533	0.002178	0.001063	0.001078	0.001091	0.001189
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	**0.2**	**0.3**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**
Reactor Coolant System Activity	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**
Maximum activity	0.001052	0.001184	0.001192	0.001227	0.001240	0.001396	0.001277	0.001309	0.001427	0.001410	0.001674	0.001650
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**
Maximum leakage	0.050	0.215	0.188	0.142	0.148	0.211	0.110	0.069	0.129	0.061	0.055	0.074
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	**0.5**	**2.2**	**1.9**	**1.4**	**1.5**	**2.1**	**1.1**	**0.7**	**1.3**	**0.6**	**0.6**	**0.7**
Reactor Coolant System Leakage	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**
Maximum leakage	0.094	0.064	0.069	0.097	0.099	0.114	0.130	0.107	0.083	0.120	0.036	0.068
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	**0.9**	**0.6**	**0.7**	**1.0**	**1.0**	**1.1**	**1.3**	**1.1**	**0.8**	**1.2**	**0.4**	**0.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	20.0	46.0	25.0	49.0	9.0	28.0	32.0	32.0
Total opportunities	21.0	51.0	26.0	50.0	10.0	32.0	32.0	37.0
Indicator value	**96.2%**	**94.8%**	**95.0%**	**94.9%**	**94.9%**	**94.2%**	**94.6%**	**93.1%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	155.0	156.0	154.0	151.0	152.0	152.0	150.0	150.0
Total Key personnel	156.0	156.0	154.0	152.0	153.0	152.0	151.0	151.0
Indicator value	**99.4%**	**100.0%**	**100.0%**	**99.3%**	**99.3%**	**100.0%**	**99.3%**	**99.3%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	1650	1549	1620	1555	1558	1651	1683	1620
Total sirens-tests	1653	1560	1625	1560	1557	1653	1690	1625
Indicator value	**99.8%**	**99.7%**	**99.7%**	**99.6%**	**99.7%**	**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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
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	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
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.

Last Modified: November 6, 2006

Oconee 1

4Q/2006 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2160.0	1322.5	2208.0	2209.0	2160.0	2027.3	2208.0	606.5
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	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
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	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2160.0	1322.5	2208.0	2209.0	2160.0	2027.3	2208.0	606.5
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)	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**2**	**2**	**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	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**
UAI (ΔCDF)						4.00E-07	1.70E-06	2.70E-06
URI (ΔCDF)						-1.90E-07	-1.60E-06	-1.60E-06
PLE						NO	NO	NO
Indicator value						**2.10E-07**	**1.00E-07**	**1.10E-06**

Licensee Comments:

4Q/06: MS06: The Emergency Lockout of Keowee on 9/23/2006 and subsequent repair resulted in 332.75 hours of unavailability. U1 went into an outage in the beginning of October so the unavailability stops applying when the unit is no longer critical. PIP O-06-06105.

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/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**
UAI (ΔCDF)						-4.90E-08	-5.00E-08	-5.00E-08
URI (ΔCDF)						-1.70E-07	-1.70E-07	-1.70E-07
PLE						NO	NO	NO
Indicator value						**-2.19E-07**	**-2.20E-07**	**-2.20E-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	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**
UAI (ΔCDF)						-1.30E-08	-3.50E-08	-4.30E-08
URI (ΔCDF)						-1.70E-07	-1.70E-07	-1.70E-07
PLE						NO	NO	NO
Indicator value						**-1.83E-07**	**-2.05E-07**	**-2.13E-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	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**
UAI (ΔCDF)						-6.30E-08	2.40E-07	-6.30E-08
URI (ΔCDF)						-1.30E-07	-1.30E-07	-1.30E-07
PLE						NO	NO	NO
Indicator value						**-1.93E-07**	**1.10E-07**	**-1.93E-07**

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	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						9.60E-08	8.60E-08	7.90E-08
URI (ΔCDF)						-4.20E-08	-4.20E-08	-4.20E-08
PLE						NO	NO	NO
Indicator value						**5.40E-08**	**4.40E-08**	**3.70E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**
Maximum activity	0.002386	0.002657	0.002537	0.002533	0.002178	0.001063	0.001078	0.001091	0.001189	0.001052	0.001184	0.001192
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	**0.2**	**0.3**	**0.3**	**0.3**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.001227	0.001240	0.001396	0.001277	0.001309	0.001427	0.001410	0.001674	0.001650	0.001216	0	0.000823
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**	**0**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**
Maximum leakage	0.142	0.148	0.211	0.110	0.069	0.129	0.061	0.055	0.074	0.094	0.064	0.069
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	**1.4**	**1.5**	**2.1**	**1.1**	**0.7**	**1.3**	**0.6**	**0.6**	**0.7**	**0.9**	**0.6**	**0.7**
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	0.097	0.099	0.114	0.130	0.107	0.083	0.120	0.036	0.068	0.053	0	0.190
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	**1.0**	**1.0**	**1.1**	**1.3**	**1.1**	**0.8**	**1.2**	**0.4**	**0.7**	**0.5**	**0**	**1.9**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	46.0	25.0	49.0	9.0	28.0	32.0	32.0	7.0
Total opportunities	51.0	26.0	50.0	10.0	32.0	32.0	37.0	7.0
Indicator value	**94.8%**	**95.0%**	**94.9%**	**94.9%**	**94.2%**	**94.6%**	**93.1%**	**93.1%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	156.0	154.0	151.0	152.0	152.0	150.0	150.0	159.0
Total Key personnel	156.0	154.0	152.0	153.0	152.0	151.0	151.0	162.0
Indicator value	**100.0%**	**100.0%**	**99.3%**	**99.3%**	**100.0%**	**99.3%**	**99.3%**	**98.1%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	1549	1620	1555	1558	1651	1683	1620	1688
Total sirens-tests	1560	1625	1560	1557	1653	1690	1625	1690
Indicator value	**99.7%**	**99.7%**	**99.6%**	**99.7%**	**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/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
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/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
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.

Last Modified: February 7, 2007

Oconee 1

1Q/2007 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0	0	0	1.0
Critical hours	1322.5	2208.0	2209.0	2160.0	2027.3	2208.0	606.5	1970.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**

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	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**

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	0	0	0	0	0	0	0
Critical hours	1322.5	2208.0	2209.0	2160.0	2027.3	2208.0	606.5	1970.6
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)	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**2**	**1**	**0**	**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	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					4.00E-07	1.70E-06	2.70E-06	2.90E-06
URI (ΔCDF)					-1.90E-07	-1.60E-06	-1.60E-06	-1.60E-06
PLE					NO	NO	NO	NO
Indicator value					**2.10E-07**	**1.00E-07**	**1.10E-06**	**1.30E-06**

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	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-4.90E-08	-5.00E-08	-5.00E-08	-5.10E-08
URI (ΔCDF)					-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE					NO	NO	NO	NO
Indicator value					**-2.19E-07**	**-2.20E-07**	**-2.20E-07**	**-2.21E-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	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-1.30E-08	-3.50E-08	-4.30E-08	-5.80E-08
URI (ΔCDF)					-1.70E-07	-1.70E-07	-1.70E-07	-1.20E-07
PLE					NO	NO	NO	NO
Indicator value					**-1.83E-07**	**-2.05E-07**	**-2.13E-07**	**-1.78E-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	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-6.30E-08	2.40E-07	-6.30E-08	-6.30E-08
URI (ΔCDF)					-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE					NO	NO	NO	NO
Indicator value					**-1.93E-07**	**1.10E-07**	**-1.93E-07**	**-1.93E-07**

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	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					9.60E-08	8.60E-08	7.90E-08	8.00E-08
URI (ΔCDF)					-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE					NO	NO	NO	NO
Indicator value					**5.40E-08**	**4.40E-08**	**3.70E-08**	**3.80E-08**

Licensee Comments: none

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	0.002533	0.002178	0.001063	0.001078	0.001091	0.001189	0.001052	0.001184	0.001192	0.001227	0.001240	0.001396
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**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.001277	0.001309	0.001427	0.001410	0.001674	0.001650	0.001216	0	0.000823	0.000371	0.000407	0.001037
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**	**0**	**0.1**	**0**	**0**	**0.1**

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	0.110	0.069	0.129	0.061	0.055	0.074	0.094	0.064	0.069	0.097	0.099	0.114
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	**1.1**	**0.7**	**1.3**	**0.6**	**0.6**	**0.7**	**0.9**	**0.6**	**0.7**	**1.0**	**1.0**	**1.1**
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	0.130	0.107	0.083	0.120	0.036	0.068	0.053	0	0.190	0.085	0.112	0.069
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	**1.3**	**1.1**	**0.8**	**1.2**	**0.4**	**0.7**	**0.5**	**0**	**1.9**	**0.9**	**1.1**	**0.7**

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	25.0	49.0	9.0	28.0	32.0	32.0	7.0	39.0
Total opportunities	26.0	50.0	10.0	32.0	32.0	37.0	7.0	41.0
Indicator value	**95.0%**	**94.9%**	**94.9%**	**94.2%**	**94.6%**	**93.1%**	**93.1%**	**94.0%**

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	154.0	151.0	152.0	152.0	150.0	150.0	159.0	155.0
Total Key personnel	154.0	152.0	153.0	152.0	151.0	151.0	162.0	161.0
Indicator value	**100.0%**	**99.3%**	**99.3%**	**100.0%**	**99.3%**	**99.3%**	**98.1%**	**96.3%**

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	1620	1555	1558	1651	1683	1620	1688	1684
Total sirens-tests	1625	1560	1557	1653	1690	1625	1690	1690
Indicator value	**99.7%**	**99.6%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**

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.

Last Modified: June 1, 2007

Oconee 1

2Q/2007 Performance Indicators

Licensee's General Comments: none

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	0	0	1.0	0
Critical hours	2208.0	2209.0	2160.0	2027.3	2208.0	606.5	1970.6	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**	**1.0**

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/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Scrams	0	0	0	0	0	0	1.0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**	**1.0**

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	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2160.0	2027.3	2208.0	606.5	1970.6	2184.0
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/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**	**0**	**0**	**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 (ΔCDF)				4.00E-07	1.70E-06	2.70E-06	2.90E-06	2.90E-06
URI (ΔCDF)				-1.90E-07	-1.60E-06	-1.60E-06	-1.60E-06	-1.60E-06
PLE				NO	NO	NO	NO	NO
Indicator value				**2.10E-07**	**1.00E-07**	**1.10E-06**	**1.30E-06**	**1.30E-06**

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	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				-4.90E-08	-5.00E-08	-5.00E-08	-5.10E-08	-5.10E-08
URI (ΔCDF)				-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**-2.19E-07**	**-2.20E-07**	**-2.20E-07**	**-2.21E-07**	**-2.21E-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/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				-1.30E-08	-3.50E-08	-4.30E-08	-5.80E-08	-5.80E-08
URI (ΔCDF)				-1.70E-07	-1.70E-07	-1.70E-07	-1.20E-07	-1.20E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**-1.83E-07**	**-2.05E-07**	**-2.13E-07**	**-1.78E-07**	**-1.78E-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 (ΔCDF)				-6.30E-08	2.40E-07	-6.30E-08	-6.30E-08	-6.30E-08
URI (ΔCDF)				-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**-1.93E-07**	**1.10E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**

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)				9.60E-08	8.60E-08	7.90E-08	8.00E-08	9.00E-08
URI (ΔCDF)				-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE				NO	NO	NO	NO	NO
Indicator value				**5.40E-08**	**4.40E-08**	**3.70E-08**	**3.80E-08**	**4.80E-08**

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	0.001078	0.001091	0.001189	0.001052	0.001184	0.001192	0.001227	0.001240	0.001396	0.001277	0.001309	0.001427
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.001410	0.001674	0.001650	0.001216	0	0.000823	0.000448	0.000407	0.001037	0.000550	0.000620	0.000578
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	**0.1**	**0.2**	**0.2**	**0.1**	**0**	**0.1**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.061	0.055	0.074	0.094	0.064	0.069	0.097	0.099	0.114	0.130	0.107	0.083
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**	**0.6**	**0.7**	**0.9**	**0.6**	**0.7**	**1.0**	**1.0**	**1.1**	**1.3**	**1.1**	**0.8**
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	0.120	0.036	0.068	0.053	0	0.190	0.085	0.112	0.069	0.064	0.051	0.046
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	**1.2**	**0.4**	**0.7**	**0.5**	**0**	**1.9**	**0.9**	**1.1**	**0.7**	**0.6**	**0.5**	**0.5**

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	49.0	9.0	28.0	32.0	32.0	7.0	39.0	29.0
Total opportunities	50.0	10.0	32.0	32.0	37.0	7.0	41.0	29.0
Indicator value	**94.9%**	**94.9%**	**94.2%**	**94.6%**	**93.1%**	**93.1%**	**94.0%**	**94.5%**

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	151.0	152.0	152.0	150.0	150.0	159.0	155.0	159.0
Total Key personnel	152.0	153.0	152.0	151.0	151.0	162.0	161.0	171.0
Indicator value	**99.3%**	**99.3%**	**100.0%**	**99.3%**	**99.3%**	**98.1%**	**96.3%**	**93.0%**

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	1555	1558	1651	1683	1620	1688	1684	1748
Total sirens-tests	1560	1557	1653	1690	1625	1690	1690	1755
Indicator value	**99.6%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**

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	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	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.

Last Modified: August 6, 2007

Oconee 1

3Q/2007 Performance Indicators

Licensee's General Comments: none

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2209.0	2160.0	2027.3	2208.0	606.5	1970.6	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2160.0	2027.3	2208.0	606.5	1970.6	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Scrams with complications					0	1.0	0	0
Indicator value								**1.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

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	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			4.00E-07	2.00E-06	3.00E-06	3.00E-06	3.00E-06	6.20E-07
URI (ΔCDF)			-1.90E-07	-1.60E-06	-1.60E-06	-1.60E-06	-1.60E-06	-1.40E-06
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**2.10E-07**	**4.00E-07**	**1.40E-06**	**1.40E-06**	**1.40E-06**	**-7.80E-07**

Licensee Comments:

3Q/07: Changed PRA Parameter(s). The change from two trains to four trains is in accordance with FAQ 429.

4Q/06: MS06: The Emergency Lockout of Keowee on 9/23/2006 and subsequent repair resulted in 332.75 hours of unavailability. U1 went into an outage in the beginning of October so the unavailability stops applying when the unit is no longer critical. PIP O-06-06105.

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	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-4.90E-08	-5.00E-08	-5.00E-08	-5.10E-08	-5.10E-08	-5.20E-08
URI (ΔCDF)			-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-2.19E-07**	**-2.20E-07**	**-2.20E-07**	**-2.21E-07**	**-2.21E-07**	**-2.22E-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	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-1.30E-08	-3.50E-08	-4.30E-08	-5.80E-08	-5.80E-08	-5.90E-08
URI (ΔCDF)			-1.70E-07	-1.70E-07	-1.70E-07	-1.20E-07	-1.20E-07	-1.20E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-1.83E-07**	**-2.05E-07**	**-2.13E-07**	**-1.78E-07**	**-1.78E-07**	**-1.79E-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	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-6.30E-08	2.40E-07	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08
URI (ΔCDF)			-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-1.93E-07**	**1.10E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**

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	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			9.60E-08	8.60E-08	7.90E-08	8.00E-08	9.00E-08	1.60E-08
URI (ΔCDF)			-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**5.40E-08**	**4.40E-08**	**3.70E-08**	**3.80E-08**	**4.80E-08**	**-2.60E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**
Maximum activity	0.001052	0.001184	0.001192	0.001227	0.001240	0.001396	0.001277	0.001309	0.001427	0.001410	0.001674	0.001650
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**

Reactor Coolant System Activity	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**
Maximum activity	0.001216	0	0.000823	0.000448	0.000407	0.001037	0.000550	0.000620	0.000578	0.000624	0.000803	0.000676
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	**0.1**	**0**	**0.1**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**
Maximum leakage	0.094	0.064	0.069	0.097	0.099	0.114	0.130	0.107	0.083	0.120	0.036	0.068
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	**0.9**	**0.6**	**0.7**	**1.0**	**1.0**	**1.1**	**1.3**	**1.1**	**0.8**	**1.2**	**0.4**	**0.7**
Reactor Coolant System Leakage	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**
Maximum leakage	0.053	0	0.190	0.085	0.112	0.069	0.064	0.051	0.046	0.020	0.024	0.027
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	**0.5**	**0**	**1.9**	**0.9**	**1.1**	**0.7**	**0.6**	**0.5**	**0.5**	**0.2**	**0.2**	**0.3**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	9.0	28.0	32.0	32.0	7.0	39.0	29.0	26.0
Total opportunities	10.0	32.0	32.0	37.0	7.0	41.0	29.0	28.0
Indicator value	**94.9%**	**94.2%**	**94.6%**	**93.1%**	**93.1%**	**94.0%**	**94.5%**	**93.5%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	152.0	152.0	150.0	150.0	159.0	155.0	159.0	156.0
Total Key personnel	153.0	152.0	151.0	151.0	162.0	161.0	171.0	169.0
Indicator value	**99.3%**	**100.0%**	**99.3%**	**99.3%**	**98.1%**	**96.3%**	**93.0%**	**92.3%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	1558	1651	1683	1620	1688	1684	1748	1753
Total sirens-tests	1557	1653	1690	1625	1690	1690	1755	1755
Indicator value	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/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	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/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.

Last Modified: December 7, 2007

Oconee 1

4Q/2007 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	0
Critical hours	2160.0	2027.3	2208.0	606.5	1970.6	2184.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**1.0**	**1.0**	**1.0**	**0.8**

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	0	0	0
Critical hours	2160.0	2027.3	2208.0	606.5	1970.6	2184.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	1.0	0	0	0
Indicator value							**1.0**	**1.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
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

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 (ΔCDF)		4.00E-07	2.00E-06	3.00E-06	3.00E-06	3.00E-06	6.20E-07	4.00E-07
URI (ΔCDF)		-1.90E-07	-1.60E-06	-1.60E-06	-1.60E-06	-1.60E-06	-1.40E-06	-1.80E-06
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**2.10E-07**	**4.00E-07**	**1.40E-06**	**1.40E-06**	**1.40E-06**	**-7.80E-07**	**-1.40E-06**

Licensee Comments:

4Q/07: 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	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-4.90E-08	-5.00E-08	-5.00E-08	-5.10E-08	-5.10E-08	-5.20E-08	-5.30E-08
URI (ΔCDF)		-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-2.19E-07**	**-2.20E-07**	**-2.20E-07**	**-2.21E-07**	**-2.21E-07**	**-2.22E-07**	**-2.23E-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	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-1.30E-08	-3.50E-08	-4.30E-08	-5.80E-08	-5.80E-08	-5.90E-08	-2.20E-08
URI (ΔCDF)		-1.70E-07	-1.70E-07	-1.70E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-1.83E-07**	**-2.05E-07**	**-2.13E-07**	**-1.78E-07**	**-1.78E-07**	**-1.79E-07**	**-1.42E-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	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-6.30E-08	2.40E-07	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08
URI (ΔCDF)		-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-1.93E-07**	**1.10E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**

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	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		9.60E-08	8.60E-08	7.90E-08	8.00E-08	9.00E-08	1.60E-08	3.40E-08
URI (ΔCDF)		-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**5.40E-08**	**4.40E-08**	**3.70E-08**	**3.80E-08**	**4.80E-08**	**-2.60E-08**	**-8.00E-09**

Licensee Comments: none

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	0.001227	0.001240	0.001396	0.001277	0.001309	0.001427	0.001410	0.001674	0.001650	0.001216	0	0.000823
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**	**0**	**0.1**

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	0.000448	0.000407	0.001037	0.000550	0.000620	0.000578	0.000624	0.000803	0.000676	0.000779	0.000648	0.000669
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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.097	0.099	0.114	0.130	0.107	0.083	0.120	0.036	0.068	0.053	0	0.190
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	**1.0**	**1.0**	**1.1**	**1.3**	**1.1**	**0.8**	**1.2**	**0.4**	**0.7**	**0.5**	**0**	**1.9**
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	0.085	0.112	0.069	0.064	0.051	0.046	0.020	0.024	0.027	0.047	0.068	0.028
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	**0.9**	**1.1**	**0.7**	**0.6**	**0.5**	**0.5**	**0.2**	**0.2**	**0.3**	**0.5**	**0.7**	**0.3**

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	28.0	32.0	32.0	7.0	39.0	29.0	26.0	26.0
Total opportunities	32.0	32.0	37.0	7.0	41.0	29.0	28.0	26.0
Indicator value	**94.2%**	**94.6%**	**93.1%**	**93.1%**	**94.0%**	**94.5%**	**93.5%**	**94.4%**

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	152.0	150.0	150.0	159.0	155.0	159.0	156.0	147.0
Total Key personnel	152.0	151.0	151.0	162.0	161.0	171.0	169.0	153.0
Indicator value	**100.0%**	**99.3%**	**99.3%**	**98.1%**	**96.3%**	**93.0%**	**92.3%**	**96.1%**

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	1651	1683	1620	1688	1684	1748	1753	1623
Total sirens-tests	1653	1690	1625	1690	1690	1755	1755	1625
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**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.

Last Modified: February 4, 2008

Oconee 1

1Q/2008 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/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2027.3	2208.0	606.5	1970.6	2184.0	2208.0	2209.0	2183.0
Indicator value	**0**	**0**	**0**	**1.0**	**1.0**	**1.0**	**0.8**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2027.3	2208.0	606.5	1970.6	2184.0	2208.0	2209.0	2183.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Scrams with complications			0	1.0	0	0	0	0
Indicator value						**1.0**	**1.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

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/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	4.00E-07	2.00E-06	3.00E-06	3.00E-06	3.00E-06	6.20E-07	4.00E-07	9.90E-08
URI (ΔCDF)	-1.90E-07	-1.60E-06	-1.60E-06	-1.60E-06	-1.60E-06	-1.40E-06	-1.80E-06	-1.70E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.10E-07**	**4.00E-07**	**1.40E-06**	**1.40E-06**	**1.40E-06**	**-7.80E-07**	**-1.40E-06**	**-1.60E-06**

Licensee Comments:

1Q/08: ACB-1 failed to open on shutdown of KHU-1 and resulted in emergency lockout of KHU-1 on 3/31/2008. PIP O-08-01628.

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/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	-4.90E-08	-5.00E-08	-5.00E-08	-5.10E-08	-5.10E-08	-5.20E-08	-5.30E-08	-5.40E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.19E-07**	**-2.20E-07**	**-2.20E-07**	**-2.21E-07**	**-2.21E-07**	**-2.22E-07**	**-2.23E-07**	**-2.24E-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	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**
UAI (ΔCDF)	-1.30E-08	-3.50E-08	-4.30E-08	-5.80E-08	-5.80E-08	-5.90E-08	-2.20E-08	3.00E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.83E-07**	**-2.05E-07**	**-2.13E-07**	**-1.78E-07**	**-1.78E-07**	**-1.79E-07**	**-1.42E-07**	**-9.00E-08**

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	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**
UAI (ΔCDF)	-6.30E-08	2.40E-07	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.93E-07**	**1.10E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**

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	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	9.60E-08	8.60E-08	7.90E-08	8.00E-08	9.00E-08	1.60E-08	3.40E-08	2.50E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.40E-08**	**4.40E-08**	**3.70E-08**	**3.80E-08**	**4.80E-08**	**-2.60E-08**	**-8.00E-09**	**-1.70E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.001277	0.001309	0.001427	0.001410	0.001674	0.001650	0.001216	0	0.000823	0.000448	0.000407	0.001037
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.1**	**0**	**0.1**	**0**	**0**	**0.1**

Reactor Coolant System Activity	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**
Maximum activity	0.000550	0.000620	0.000578	0.000624	0.000803	0.000676	0.000779	0.000648	0.000669	0.000678	0.000700	0.000567
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.130	0.107	0.083	0.120	0.036	0.068	0.053	0	0.190	0.085	0.112	0.069
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	**1.3**	**1.1**	**0.8**	**1.2**	**0.4**	**0.7**	**0.5**	**0**	**1.9**	**0.9**	**1.1**	**0.7**
Reactor Coolant System Leakage	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**
Maximum leakage	0.064	0.051	0.046	0.020	0.024	0.027	0.047	0.068	0.028	0.040	0.033	0.034
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**	**0.5**	**0.5**	**0.2**	**0.2**	**0.3**	**0.5**	**0.7**	**0.3**	**0.4**	**0.3**	**0.3**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	32.0	32.0	7.0	39.0	29.0	26.0	26.0	65.0
Total opportunities	32.0	37.0	7.0	41.0	29.0	28.0	26.0	69.0
Indicator value	**94.6%**	**93.1%**	**93.1%**	**94.0%**	**94.5%**	**93.5%**	**94.4%**	**95.2%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	150.0	150.0	159.0	155.0	159.0	156.0	147.0	134.0
Total Key personnel	151.0	151.0	162.0	161.0	171.0	169.0	153.0	142.0
Indicator value	**99.3%**	**99.3%**	**98.1%**	**96.3%**	**93.0%**	**92.3%**	**96.1%**	**94.4%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	1683	1620	1688	1684	1748	1753	1623	1811
Total sirens-tests	1690	1625	1690	1690	1755	1755	1625	1820
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**	**99.8%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
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/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/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.

Last Modified: April 30, 2008

Oconee 1

2Q/2008 Performance Indicators

Licensee's General Comments: none

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	1.0	0	0	0	0	0
Critical hours	2208.0	606.5	1970.6	2184.0	2208.0	2209.0	2183.0	1003.2
Indicator value	**0**	**0**	**1.0**	**1.0**	**1.0**	**0.8**	**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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2208.0	606.5	1970.6	2184.0	2208.0	2209.0	2183.0	1003.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**	**0.9**

Licensee Comments: none

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	1.0	0	0	0	0	0
Indicator value					**1.0**	**1.0**	**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	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	2.00E-06	3.00E-06	3.00E-06	3.00E-06	6.20E-07	4.00E-07	9.90E-08	1.10E-07
URI (ΔCDF)	-1.60E-06	-1.60E-06	-1.60E-06	-1.60E-06	-1.20E-06	-1.60E-06	-1.40E-06	-1.40E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.00E-07**	**1.40E-06**	**1.40E-06**	**1.40E-06**	**-5.80E-07**	**-1.20E-06**	**-1.30E-06**	**-1.29E-06**

Licensee Comments:

1Q/08: ACB-1 failed to open on shutdown of KHU-1 and resulted in emergency lockout of KHU-1 on 3/31/2008. PIP O-08-01628.

3Q/07: The change from two trains to four trains is in accordance with FAQ 429.

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 (ΔCDF)	-5.00E-08	-5.00E-08	-5.10E-08	-5.10E-08	-5.20E-08	-5.30E-08	-5.40E-08	-5.40E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.20E-07**	**-2.20E-07**	**-2.21E-07**	**-2.21E-07**	**-2.22E-07**	**-2.23E-07**	**-2.24E-07**	**-2.24E-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 (ΔCDF)	-3.50E-08	-4.30E-08	-5.80E-08	-5.80E-08	-5.90E-08	-2.20E-08	3.00E-08	7.20E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.05E-07**	**-2.13E-07**	**-1.78E-07**	**-1.78E-07**	**-1.79E-07**	**-1.42E-07**	**-9.00E-08**	**-4.80E-08**

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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	2.40E-07	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08	-4.90E-08
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.79E-07**

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 (ΔCDF)	8.60E-08	7.90E-08	8.00E-08	9.00E-08	1.60E-08	3.40E-08	2.50E-08	5.20E-09
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.40E-08**	**3.70E-08**	**3.80E-08**	**4.80E-08**	**-2.60E-08**	**-8.00E-09**	**-1.70E-08**	**-3.68E-08**

Licensee Comments: none

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	0.001410	0.001674	0.001650	0.001216	0	0.000823	0.000448	0.000407	0.001037	0.000550	0.000620	0.000578
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	**0.1**	**0.2**	**0.2**	**0.1**	**0**	**0.1**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.000624	0.000803	0.000676	0.000779	0.000648	0.000669	0.000678	0.000700	0.000567	0.000406	N/A	0.000556
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0**	**N/A**	**0.1**

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	0.120	0.036	0.068	0.053	0	0.190	0.085	0.112	0.069	0.064	0.051	0.046
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	**1.2**	**0.4**	**0.7**	**0.5**	**0**	**1.9**	**0.9**	**1.1**	**0.7**	**0.6**	**0.5**	**0.5**
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	0.020	0.024	0.027	0.047	0.068	0.028	0.040	0.033	0.034	0.049	0.057	0.074
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**	**0.3**	**0.5**	**0.7**	**0.3**	**0.4**	**0.3**	**0.3**	**0.5**	**0.6**	**0.7**

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	32.0	7.0	39.0	29.0	26.0	26.0	71.0	18.0
Total opportunities	37.0	7.0	41.0	29.0	28.0	26.0	75.0	23.0
Indicator value	**93.1%**	**93.1%**	**94.0%**	**94.5%**	**93.5%**	**94.4%**	**95.3%**	**93.2%**

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	150.0	159.0	155.0	159.0	156.0	147.0	136.0	134.0
Total Key personnel	151.0	162.0	161.0	171.0	169.0	153.0	142.0	141.0
Indicator value	**99.3%**	**98.1%**	**96.3%**	**93.0%**	**92.3%**	**96.1%**	**95.8%**	**95.0%**

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	1620	1688	1684	1748	1753	1623	1811	1619
Total sirens-tests	1625	1690	1690	1755	1755	1625	1820	1625
Indicator value	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**

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	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	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.

Oconee 1

3Q/2008 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	606.5	1970.6	2184.0	2208.0	2209.0	2183.0	1003.2	2208.0
Indicator value	**0**	**1.0**	**1.0**	**1.0**	**0.8**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	606.5	1970.6	2184.0	2208.0	2209.0	2183.0	1003.2	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.8**	**0.9**	**0.9**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Scrams with complications	0	1.0	0	0	0	0	0	0
Indicator value				**1.0**	**1.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

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	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	3.00E-06	3.00E-06	3.00E-06	6.20E-07	4.00E-07	9.90E-08	1.10E-07	1.10E-07
URI (ΔCDF)	-1.60E-06	-1.60E-06	-1.60E-06	-1.20E-06	-1.60E-06	-1.40E-06	-1.40E-06	-2.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-06**	**1.40E-06**	**1.40E-06**	**-5.80E-07**	**-1.20E-06**	**-1.30E-06**	**-1.29E-06**	**-1.89E-06**

Licensee Comments:

3Q/08: Oconee Problem Identification Process (PIP) 08-05623 identified that the MSPI baseline for Emergency AC Power (EAP) was not revised in 2Q2008 to subtract hours included from a previous refurbishment outage. By not removing these refurbishment hours, the EAP MSPI results reported for 2Q2008 and 3Q2008 are non-conservative pending the CDE software changes to allow revisions to current and past quarters. The baseline is corrected for 4Q2008. The Oconee Emergency AC Power Units remain Green with adequate margin to White.

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	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	-5.00E-08	-5.10E-08	-5.10E-08	-5.20E-08	-5.30E-08	-5.40E-08	-5.40E-08	-5.40E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.20E-07**	**-2.21E-07**	**-2.21E-07**	**-2.22E-07**	**-2.23E-07**	**-2.24E-07**	**-2.24E-07**	**-2.24E-07**

Licensee Comments:

3Q/08: Oconee Problem Identification Process (PIP) 08-05600 documents a pending engineering evaluation.

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	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	-4.30E-08	-5.80E-08	-5.80E-08	-5.90E-08	-2.20E-08	3.00E-08	7.20E-08	1.20E-07
URI (ΔCDF)	-1.70E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.13E-07**	**-1.78E-07**	**-1.78E-07**	**-1.79E-07**	**-1.42E-07**	**-9.00E-08**	**-4.80E-08**	**-5.00E-08**

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	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08	-4.90E-08	-6.00E-08
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.79E-07**	**-1.90E-07**

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	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	7.90E-08	8.00E-08	9.00E-08	1.60E-08	3.40E-08	2.50E-08	5.20E-09	3.90E-09
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.70E-08**	**3.80E-08**	**4.80E-08**	**-2.60E-08**	**-8.00E-09**	**-1.70E-08**	**-3.68E-08**	**-3.81E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.001216	0	0.000823	0.000448	0.000407	0.001037	0.000550	0.000620	0.000578	0.000624	0.000803	0.000676
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	**0.1**	**0**	**0.1**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.000779	0.000648	0.000669	0.000678	0.000700	0.000567	0.000406	N/A	0.000556	0.000279	0.000291	0.000302
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0**	**N/A**	**0.1**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**
Maximum leakage	0.053	0	0.190	0.085	0.112	0.069	0.064	0.051	0.046	0.020	0.024	0.027
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	**0.5**	**0**	**1.9**	**0.9**	**1.1**	**0.7**	**0.6**	**0.5**	**0.5**	**0.2**	**0.2**	**0.3**
Reactor Coolant System Leakage	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**
Maximum leakage	0.047	0.068	0.028	0.040	0.033	0.034	0.049	0.057	0.074	0.029	0.070	0.116
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	**0.5**	**0.7**	**0.3**	**0.4**	**0.3**	**0.3**	**0.5**	**0.6**	**0.7**	**0.3**	**0.7**	**1.2**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	7.0	39.0	29.0	26.0	26.0	71.0	18.0	31.0
Total opportunities	7.0	41.0	29.0	28.0	26.0	75.0	23.0	34.0
Indicator value	**93.1%**	**94.0%**	**94.5%**	**93.5%**	**94.4%**	**95.3%**	**93.2%**	**93.9%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	159.0	155.0	159.0	156.0	147.0	136.0	134.0	137.0
Total Key personnel	162.0	161.0	171.0	169.0	153.0	142.0	141.0	144.0
Indicator value	**98.1%**	**96.3%**	**93.0%**	**92.3%**	**96.1%**	**95.8%**	**95.0%**	**95.1%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	1688	1684	1748	1753	1623	1811	1619	1622
Total sirens-tests	1690	1690	1755	1755	1625	1820	1625	1625
Indicator value	**99.8%**	**99.7%**	**99.7%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
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	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/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

Security information not publicly available.

Last Modified: November 26, 2008

Oconee 1

4Q/2008 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	1970.6	2184.0	2208.0	2209.0	2183.0	1003.2	2208.0	2209.0
Indicator value	**1.0**	**1.0**	**1.0**	**0.8**	**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	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	1970.6	2184.0	2208.0	2209.0	2183.0	1003.2	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0.8**	**0.9**	**0.9**	**0.9**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Scrams with complications	1.0	0	0	0	0	0	0	0
Indicator value			**1.0**	**1.0**	**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)	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
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

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/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	3.00E-06	3.00E-06	6.20E-07	4.00E-07	9.90E-08	1.10E-07	1.10E-07	7.90E-07
URI (ΔCDF)	-1.60E-06	-1.60E-06	-1.20E-06	-1.60E-06	-1.40E-06	-1.40E-06	-2.00E-06	-2.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-06**	**1.40E-06**	**-5.80E-07**	**-1.20E-06**	**-1.30E-06**	**-1.29E-06**	**-1.89E-06**	**-1.21E-06**

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/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	-5.10E-08	-5.10E-08	-5.20E-08	-5.30E-08	-5.40E-08	-5.40E-08	-4.80E-08	-4.80E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-7.30E-08	-7.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.21E-07**	**-2.21E-07**	**-2.22E-07**	**-2.23E-07**	**-2.24E-07**	**-2.24E-07**	**-1.21E-07**	**-1.21E-07**

Licensee Comments:

3Q/08: Oconee Problem Identification Process (PIP) 08-05600 documents an engineering evaluation.

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/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**
UAI (ΔCDF)	-5.80E-08	-5.80E-08	-5.90E-08	-2.20E-08	3.00E-08	7.20E-08	1.20E-07	1.70E-07
URI (ΔCDF)	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.70E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.78E-07**	**-1.78E-07**	**-1.79E-07**	**-1.42E-07**	**-9.00E-08**	**-4.80E-08**	**-5.00E-08**	**0.00E+00**

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	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**
UAI (ΔCDF)	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08	-4.90E-08	-6.00E-08	-3.80E-08
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.79E-07**	**-1.90E-07**	**-1.68E-07**

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	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	8.00E-08	9.00E-08	1.60E-08	3.40E-08	2.50E-08	5.20E-09	3.90E-09	-1.00E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.80E-08**	**4.80E-08**	**-2.60E-08**	**-8.00E-09**	**-1.70E-08**	**-3.68E-08**	**-3.81E-08**	**-5.20E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000448	0.000407	0.001037	0.000550	0.000620	0.000578	0.000624	0.000803	0.000676	0.000779	0.000648	0.000669
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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**
Maximum activity	0.000678	0.000700	0.000567	0.000406	N/A	0.000556	0.000279	0.000291	0.000302	0.000364	0.000407	0.000523
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	**0.1**	**0.1**	**0.1**	**0**	**N/A**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.085	0.112	0.069	0.064	0.051	0.046	0.020	0.024	0.027	0.047	0.068	0.028
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	**0.9**	**1.1**	**0.7**	**0.6**	**0.5**	**0.5**	**0.2**	**0.2**	**0.3**	**0.5**	**0.7**	**0.3**
Reactor Coolant System Leakage	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**
Maximum leakage	0.040	0.033	0.034	0.049	0.057	0.074	0.029	0.070	0.116	0.139	0.146	0.157
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	**0.4**	**0.3**	**0.3**	**0.5**	**0.6**	**0.7**	**0.3**	**0.7**	**1.2**	**1.4**	**1.5**	**1.6**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	39.0	29.0	26.0	26.0	71.0	18.0	31.0	8.0
Total opportunities	41.0	29.0	28.0	26.0	75.0	23.0	34.0	8.0
Indicator value	**94.0%**	**94.5%**	**93.5%**	**94.4%**	**95.3%**	**93.2%**	**93.9%**	**93.9%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	155.0	159.0	156.0	147.0	136.0	134.0	137.0	130.0
Total Key personnel	161.0	171.0	169.0	153.0	142.0	141.0	144.0	140.0
Indicator value	**96.3%**	**93.0%**	**92.3%**	**96.1%**	**95.8%**	**95.0%**	**95.1%**	**92.9%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful siren-tests	1684	1748	1753	1623	1811	1619	1622	1685
Total sirens-tests	1690	1755	1755	1625	1820	1625	1625	1690
Indicator value	**99.7%**	**99.7%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
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/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/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

Security information not publicly available.

Last Modified: February 4, 2009

Oconee 1

1Q/2009 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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2183.0	1003.2	2208.0	2209.0	2159.0
Indicator value	**1.0**	**1.0**	**0.8**	**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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2183.0	1003.2	2208.0	2209.0	2159.0
Indicator value	**0**	**0**	**0**	**0.8**	**0.9**	**0.9**	**0.9**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value		**1.0**	**1.0**	**0.0**	**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)	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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

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/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**
UAI (ΔCDF)	3.00E-06	6.20E-07	4.00E-07	9.90E-08	6.90E-07	7.80E-07	7.90E-07	1.70E-06
URI (ΔCDF)	-1.60E-06	-1.20E-06	-1.60E-06	-1.40E-06	-1.40E-06	-2.00E-06	-2.00E-06	-2.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-06**	**-5.80E-07**	**-1.20E-06**	**-1.30E-06**	**-7.10E-07**	**-1.22E-06**	**-1.21E-06**	**-3.00E-07**

Licensee Comments:

1Q/09: Changed PRA Parameter(s).

4Q/08: Changed PRA Parameter(s).

3Q/08: Changed PRA Parameter(s). Oconee Problem Identification Process (PIP) 08-05623 identified that the MSPI baseline for Emergency AC Power (EAP) was not revised in 2Q2008 to subtract hours included from a previous refurbishment outage. By not removing these refurbishment hours, the EAP MSPI results reported for 2Q2008 and 3Q2008 are non-conservative pending the CDE software changes to allow revisions to current and past quarters. The baseline is corrected for 4Q2008. The Oconee Emergency AC Power Units remain Green with adequate margin to White.

2Q/08: 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/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**
UAI (ΔCDF)	-5.10E-08	-5.20E-08	-5.30E-08	-5.40E-08	-5.40E-08	-4.80E-08	-4.80E-08	-2.60E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-7.30E-08	-7.30E-08	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.21E-07**	**-2.22E-07**	**-2.23E-07**	**-2.24E-07**	**-2.24E-07**	**-1.21E-07**	**-1.21E-07**	**2.24E-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	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**
UAI (ΔCDF)	-5.80E-08	-5.90E-08	-2.20E-08	3.00E-08	7.20E-08	1.20E-07	1.70E-07	1.40E-07
URI (ΔCDF)	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.78E-07**	**-1.79E-07**	**-1.42E-07**	**-9.00E-08**	**-4.80E-08**	**-5.00E-08**	**0.00E+00**	**-3.00E-08**

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	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**
UAI (ΔCDF)	-6.30E-08	-6.30E-08	-6.30E-08	-6.30E-08	-4.90E-08	-6.00E-08	-3.80E-08	3.40E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.79E-07**	**-1.90E-07**	**-1.68E-07**	**2.10E-07**

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	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	9.00E-08	1.60E-08	3.40E-08	2.50E-08	5.20E-09	3.90E-09	-1.00E-08	-1.60E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.80E-08**	**-2.60E-08**	**-8.00E-09**	**-1.70E-08**	**-3.68E-08**	**-3.81E-08**	**-5.20E-08**	**-5.80E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**
Maximum activity	0.000550	0.000620	0.000578	0.000624	0.000803	0.000676	0.000779	0.000648	0.000669	0.000678	0.000700	0.000567
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**
Maximum activity	0.000406	N/A	0.000556	0.000279	0.000291	0.000302	0.000364	0.000407	0.000523	0.000412	0.000503	0.000503
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**	**N/A**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**
Maximum leakage	0.064	0.051	0.046	0.020	0.024	0.027	0.047	0.068	0.028	0.040	0.033	0.034
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**	**0.5**	**0.5**	**0.2**	**0.2**	**0.3**	**0.5**	**0.7**	**0.3**	**0.4**	**0.3**	**0.3**
Reactor Coolant System Leakage	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**
Maximum leakage	0.049	0.057	0.074	0.029	0.070	0.116	0.139	0.146	0.157	0.143	0.077	0.092
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	**0.5**	**0.6**	**0.7**	**0.3**	**0.7**	**1.2**	**1.4**	**1.5**	**1.6**	**1.4**	**0.8**	**0.9**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	29.0	26.0	26.0	71.0	18.0	31.0	8.0	43.0
Total opportunities	29.0	28.0	26.0	75.0	23.0	34.0	8.0	44.0
Indicator value	**94.5%**	**93.5%**	**94.4%**	**95.3%**	**93.2%**	**93.9%**	**93.9%**	**94.4%**

Licensee Comments: none

Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	159.0	156.0	147.0	136.0	134.0	137.0	130.0	136.0
Total Key personnel	171.0	169.0	153.0	142.0	141.0	144.0	140.0	142.0
Indicator value	**93.0%**	**92.3%**	**96.1%**	**95.8%**	**95.0%**	**95.1%**	**92.9%**	**95.8%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful siren-tests	1748	1753	1623	1811	1619	1622	1685	1748
Total sirens-tests	1755	1755	1625	1820	1625	1625	1690	1755
Indicator value	**99.7%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: May 1, 2009

Oconee 1

2Q/2009 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2183.0	1003.2	2208.0	2209.0	2159.0	2184.0
Indicator value	**1.0**	**0.8**	**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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	2183.0	1003.2	2208.0	2209.0	2159.0	2184.0
Indicator value	**0**	**0**	**0.8**	**0.9**	**0.9**	**0.9**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**0.0**	**0.0**	**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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
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

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/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**
UAI (ΔCDF)	6.20E-07	4.00E-07	9.90E-08	6.90E-07	7.80E-07	7.90E-07	1.70E-06	1.60E-06
URI (ΔCDF)	-1.20E-06	-1.60E-06	-1.40E-06	-1.40E-06	-2.00E-06	-2.00E-06	-2.00E-06	-2.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.80E-07**	**-1.20E-06**	**-1.30E-06**	**-7.10E-07**	**-1.22E-06**	**-1.21E-06**	**-3.00E-07**	**-4.00E-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	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-5.20E-08	-5.30E-08	-5.40E-08	-5.40E-08	-4.80E-08	-4.80E-08	-2.60E-08	-2.70E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-7.30E-08	-7.30E-08	2.50E-07	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.22E-07**	**-2.23E-07**	**-2.24E-07**	**-2.24E-07**	**-1.21E-07**	**-1.21E-07**	**2.24E-07**	**2.23E-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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-5.90E-08	-2.20E-08	3.00E-08	7.20E-08	1.20E-07	1.70E-07	1.40E-07	9.40E-08
URI (ΔCDF)	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.79E-07**	**-1.42E-07**	**-9.00E-08**	**-4.80E-08**	**-5.00E-08**	**0.00E+00**	**-3.00E-08**	**-7.60E-08**

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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-6.30E-08	-6.30E-08	-6.30E-08	-4.90E-08	-6.00E-08	-3.80E-08	3.40E-07	3.50E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.93E-07**	**-1.93E-07**	**-1.93E-07**	**-1.79E-07**	**-1.90E-07**	**-1.68E-07**	**2.10E-07**	**2.20E-07**

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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	1.60E-08	3.40E-08	2.50E-08	5.20E-09	3.90E-09	-1.00E-08	-1.60E-08	-3.80E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.60E-08**	**-8.00E-09**	**-1.70E-08**	**-3.68E-08**	**-3.81E-08**	**-5.20E-08**	**-5.80E-08**	**-8.00E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.000624	0.000803	0.000676	0.000779	0.000648	0.000669	0.000678	0.000700	0.000567	0.000406	N/A	0.000556
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0**	**N/A**	**0.1**

Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.000279	0.000291	0.000302	0.000364	0.000407	0.000523	0.000412	0.000503	0.000503	0.000512	0.000490	0.000619
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**	**0.1**	**0**	**0.1**	**0.1**	**0.1**	**0**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

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	0.020	0.024	0.027	0.047	0.068	0.028	0.040	0.033	0.034	0.049	0.057	0.074
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**	**0.3**	**0.5**	**0.7**	**0.3**	**0.4**	**0.3**	**0.3**	**0.5**	**0.6**	**0.7**
Reactor Coolant System Leakage	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**
Maximum leakage	0.029	0.070	0.116	0.139	0.146	0.157	0.143	0.077	0.092	0.094	0.107	0.077
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**	**0.7**	**1.2**	**1.4**	**1.5**	**1.6**	**1.4**	**0.8**	**0.9**	**0.9**	**1.1**	**0.8**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful opportunities	26.0	26.0	71.0	18.0	31.0	8.0	43.0	0
Total opportunities	28.0	26.0	75.0	23.0	34.0	8.0	44.0	0
Indicator value	**93.5%**	**94.4%**	**95.3%**	**93.2%**	**93.9%**	**93.9%**	**94.4%**	**93.7%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Participating Key personnel	156.0	147.0	136.0	134.0	137.0	130.0	136.0	141.0
Total Key personnel	169.0	153.0	142.0	141.0	144.0	140.0	142.0	145.0
Indicator value	**92.3%**	**96.1%**	**95.8%**	**95.0%**	**95.1%**	**92.9%**	**95.8%**	**97.2%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful siren-tests	1753	1623	1811	1619	1622	1685	1748	1754
Total sirens-tests	1755	1625	1820	1625	1625	1690	1755	1755
Indicator value	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
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	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: July 22, 2009

Oconee 1

3Q/2009 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2183.0	1003.2	2208.0	2209.0	2159.0	2184.0	2179.0
Indicator value	**0.8**	**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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	2183.0	1003.2	2208.0	2209.0	2159.0	2184.0	2179.0
Indicator value	**0**	**0.8**	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**1.0**	**0.0**	**0.0**	**0.0**	**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)	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
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

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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	4.00E-07	9.90E-08	6.90E-07	7.80E-07	7.90E-07	1.70E-06	1.60E-06	1.10E-06
URI (ΔCDF)	-1.60E-06	-1.40E-06	-1.40E-06	-2.00E-06	-2.00E-06	-2.00E-06	-2.00E-06	-2.20E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-06**	**-1.30E-06**	**-7.10E-07**	**-1.22E-06**	**-1.21E-06**	**-3.00E-07**	**-4.00E-07**	**-1.10E-06**

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	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	-5.30E-08	-5.40E-08	-5.40E-08	-4.80E-08	-4.80E-08	-2.60E-08	-2.70E-08	-2.60E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-1.70E-07	-7.30E-08	-7.30E-08	2.50E-07	2.50E-07	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.23E-07**	**-2.24E-07**	**-2.24E-07**	**-1.21E-07**	**-1.21E-07**	**2.24E-07**	**2.23E-07**	**2.24E-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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	-2.20E-08	3.00E-08	7.20E-08	1.20E-07	1.70E-07	1.40E-07	9.40E-08	7.20E-08
URI (ΔCDF)	-1.20E-07	-1.20E-07	-1.20E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.42E-07**	**-9.00E-08**	**-4.80E-08**	**-5.00E-08**	**0.00E+00**	**-3.00E-08**	**-7.60E-08**	**-9.80E-08**

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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	-6.30E-08	-6.30E-08	-4.90E-08	-6.00E-08	-3.80E-08	3.40E-07	3.50E-07	2.20E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.93E-07**	**-1.93E-07**	**-1.79E-07**	**-1.90E-07**	**-1.68E-07**	**2.10E-07**	**2.20E-07**	**9.00E-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	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	3.40E-08	2.50E-08	5.20E-09	3.90E-09	-1.00E-08	-1.60E-08	-3.80E-08	-2.10E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.00E-09**	**-1.70E-08**	**-3.68E-08**	**-3.81E-08**	**-5.20E-08**	**-5.80E-08**	**-8.00E-08**	**-6.30E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**
Maximum activity	0.000779	0.000648	0.000669	0.000678	0.000700	0.000567	0.000406	N/A	0.000556	0.000279	0.000291	0.000302
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0**	**N/A**	**0.1**	**0**	**0**	**0**

Reactor Coolant System Activity	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**
Maximum activity	0.000364	0.000407	0.000523	0.000412	0.000503	0.000503	0.000512	0.000490	0.000619	0.000524	0.000490	0.000454
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**	**0.1**	**0**	**0.1**	**0.1**	**0.1**	**0**	**0.1**	**0.1**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**
Maximum leakage	0.047	0.068	0.028	0.040	0.033	0.034	0.049	0.057	0.074	0.029	0.070	0.116
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	**0.5**	**0.7**	**0.3**	**0.4**	**0.3**	**0.3**	**0.5**	**0.6**	**0.7**	**0.3**	**0.7**	**1.2**
Reactor Coolant System Leakage	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**
Maximum leakage	0.139	0.146	0.157	0.143	0.077	0.092	0.094	0.107	0.077	0.071	0.068	0.085
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	**1.4**	**1.5**	**1.6**	**1.4**	**0.8**	**0.9**	**0.9**	**1.1**	**0.8**	**0.7**	**0.7**	**0.9**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful opportunities	26.0	70.0	18.0	31.0	8.0	43.0	0	24.0
Total opportunities	26.0	75.0	23.0	34.0	8.0	44.0	0	24.0
Indicator value	**94.4%**	**94.9%**	**92.9%**	**93.5%**	**93.6%**	**94.0%**	**93.3%**	**94.0%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Participating Key personnel	147.0	136.0	134.0	137.0	130.0	136.0	141.0	133.0
Total Key personnel	153.0	142.0	141.0	144.0	140.0	142.0	145.0	139.0
Indicator value	**96.1%**	**95.8%**	**95.0%**	**95.1%**	**92.9%**	**95.8%**	**97.2%**	**95.7%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful siren-tests	1623	1811	1619	1622	1685	1748	1754	1751
Total sirens-tests	1625	1820	1625	1625	1690	1755	1755	1755
Indicator value	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: November 30, 2009

Oconee 1

4Q/2009 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	1003.2	2208.0	2209.0	2159.0	2184.0	2179.0	932.5
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	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2183.0	1003.2	2208.0	2209.0	2159.0	2184.0	2179.0	932.5
Indicator value	**0.8**	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**	**0**

Licensee Comments:

3Q/09: PIPs 09-3451 and 09-6173. Also, Operational Decision Making Issue 6/15/2009.

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**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)	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
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

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/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	9.90E-08	6.90E-07	7.80E-07	7.90E-07	1.70E-06	1.60E-06	1.10E-06	1.00E-06
URI (ΔCDF)	-1.40E-06	-1.40E-06	-2.00E-06	-2.00E-06	-1.80E-06	-1.80E-06	-2.00E-06	-2.00E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-06**	**-7.10E-07**	**-1.22E-06**	**-1.21E-06**	**-1.00E-07**	**-2.00E-07**	**-9.00E-07**	**-1.00E-06**

Licensee Comments:

4Q/09: PIP O-09-9392 Upon a review of MSPI data for the year of 2009, it was determined that a failure of ACB-2 to close when called upon for system generation was not originally counted as an MSPI failure. A 4Q2009 change report with the corrected values was submitted. The difference between the results was minor and did not result in a color change.

1Q/09: PIP O-09-9392 Upon a review of MSPI data for the year of 2009, it was determined that a failure of ACB-2 to close when called upon for system generation was not originally counted as an MSPI failure. A 4Q2009 change report with the corrected values was submitted. The difference between the results was minor and did not result in a color change.

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/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	-5.40E-08	-5.40E-08	-4.80E-08	-4.80E-08	-2.60E-08	-2.70E-08	-2.60E-08	-2.70E-08
URI (ΔCDF)	-1.70E-07	-1.70E-07	-7.30E-08	-7.30E-08	2.50E-07	2.50E-07	2.50E-07	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.24E-07**	**-2.24E-07**	**-1.21E-07**	**-1.21E-07**	**2.24E-07**	**2.23E-07**	**2.24E-07**	**2.23E-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	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	3.00E-08	7.20E-08	1.20E-07	1.70E-07	1.40E-07	9.40E-08	7.20E-08	6.90E-08
URI (ΔCDF)	-9.00E-08	-9.00E-08	-1.50E-07	-1.50E-07	-1.50E-07	-1.50E-07	-1.50E-07	-1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-08**	**-1.80E-08**	**-3.00E-08**	**2.00E-08**	**-1.00E-08**	**-5.60E-08**	**-7.80E-08**	**-8.10E-08**

Licensee Comments:

4Q/09: MSPI Basis Document changes: Start demands for FDW-315, -316 were revised to reflect current testing methodologies. FDW-347 stroke testing is excluded from unavailability based on short duration of work. Removed line items for trains 1A, 1B, 1C (nitrogen filter additions); the work had been performed and therefore the baseline was adjusted.

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/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	-6.30E-08	-4.90E-08	-6.00E-08	-3.80E-08	3.40E-07	3.50E-07	2.20E-07	2.70E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.93E-07**	**-1.79E-07**	**-1.90E-07**	**-1.68E-07**	**2.10E-07**	**2.20E-07**	**9.00E-08**	**1.40E-07**

Licensee Comments:

4Q/09: MSPI Basis Document Revision 11: 1A train - Removed 124 hours. These hours were tied to Revision 2 of the MSPI Basis Document and the 36 month rolling off period. 1A train - Added 60 hours due to GL 04-02 modifications. Work initiated on 1-6-09. These hours will be removed 1st quarter 2012. 1B train - Added 30 hours due to train maintenance scheduled for 09W33 (major train maintenance). These hours will be removed 3rd quarter 2012.

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/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	2.50E-08	5.20E-09	3.90E-09	-1.00E-08	-1.60E-08	-3.80E-08	-2.10E-08	-8.70E-09
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.70E-08**	**-3.68E-08**	**-3.81E-08**	**-5.20E-08**	**-5.80E-08**	**-8.00E-08**	**-6.30E-08**	**-5.07E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**
Maximum activity	0.000678	0.000700	0.000567	0.000406	N/A	0.000556	0.000279	0.000291	0.000302	0.000364	0.000407	0.000523
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	**0.1**	**0.1**	**0.1**	**0**	**N/A**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**

Reactor Coolant System Activity	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**
Maximum activity	0.000412	0.000503	0.000503	0.000512	0.000490	0.000619	0.000524	0.000490	0.000454	0.000498	0	0.000232
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**	**0.1**	**0.1**	**0.1**	**0**	**0.1**	**0.1**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**
Maximum leakage	0.040	0.033	0.034	0.049	0.057	0.074	0.029	0.070	0.116	0.139	0.146	0.157
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	**0.4**	**0.3**	**0.3**	**0.5**	**0.6**	**0.7**	**0.3**	**0.7**	**1.2**	**1.4**	**1.5**	**1.6**
Reactor Coolant System Leakage	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**
Maximum leakage	0.143	0.077	0.092	0.094	0.107	0.077	0.071	0.068	0.085	0.084	0	0.036
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	**1.4**	**0.8**	**0.9**	**0.9**	**1.1**	**0.8**	**0.7**	**0.7**	**0.9**	**0.8**	**0**	**0.4**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful opportunities	70.0	18.0	31.0	8.0	43.0	0	24.0	16.0
Total opportunities	75.0	23.0	34.0	8.0	44.0	0	24.0	18.0
Indicator value	**94.9%**	**92.9%**	**93.5%**	**93.6%**	**94.0%**	**93.3%**	**94.0%**	**92.9%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Participating Key personnel	136.0	134.0	137.0	130.0	136.0	141.0	133.0	132.0
Total Key personnel	142.0	141.0	144.0	140.0	142.0	145.0	139.0	142.0
Indicator value	**95.8%**	**95.0%**	**95.1%**	**92.9%**	**95.8%**	**97.2%**	**95.7%**	**93.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful siren-tests	1811	1619	1622	1685	1748	1754	1751	1753
Total sirens-tests	1820	1625	1625	1690	1755	1755	1755	1755
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**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/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
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/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: January 22, 2010

Oconee 1

1Q/2010 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/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1003.2	2208.0	2209.0	2159.0	2184.0	2179.0	932.5	2159.0
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/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1003.2	2208.0	2209.0	2159.0	2184.0	2179.0	932.5	2159.0
Indicator value	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**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)	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
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

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/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	6.90E-07	7.80E-07	7.90E-07	1.70E-06	1.60E-06	1.10E-06	1.00E-06	2.34E-07
URI (ΔCDF)	-1.40E-06	-2.00E-06	-2.00E-06	-1.80E-06	-1.80E-06	-2.00E-06	-2.00E-06	-2.03E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.10E-07**	**-1.22E-06**	**-1.21E-06**	**-1.00E-07**	**-2.00E-07**	**-9.00E-07**	**-1.00E-06**	**-1.80E-06**

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	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	-5.40E-08	-4.80E-08	-4.80E-08	-2.60E-08	-2.70E-08	-2.60E-08	-2.70E-08	-2.72E-08
URI (ΔCDF)	-1.70E-07	-7.30E-08	-7.30E-08	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.24E-07**	**-1.21E-07**	**-1.21E-07**	**2.24E-07**	**2.23E-07**	**2.24E-07**	**2.23E-07**	**2.20E-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	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	7.20E-08	1.20E-07	1.70E-07	1.40E-07	9.40E-08	7.20E-08	6.90E-08	6.19E-08
URI (ΔCDF)	-9.00E-08	-1.50E-07	-1.50E-07	-1.50E-07	-1.50E-07	-1.50E-07	-1.50E-07	-2.02E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.80E-08**	**-3.00E-08**	**2.00E-08**	**-1.00E-08**	**-5.60E-08**	**-7.80E-08**	**-8.10E-08**	**-1.40E-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	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	-4.90E-08	-6.00E-08	-3.80E-08	3.40E-07	3.50E-07	2.20E-07	2.70E-07	1.61E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.79E-07**	**-1.90E-07**	**-1.68E-07**	**2.10E-07**	**2.20E-07**	**9.00E-08**	**1.40E-07**	**3.50E-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	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	5.20E-09	3.90E-09	-1.00E-08	-1.60E-08	-3.80E-08	-2.10E-08	-8.70E-09	-2.33E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.68E-08**	**-3.81E-08**	**-5.20E-08**	**-5.80E-08**	**-8.00E-08**	**-6.30E-08**	**-5.07E-08**	**-6.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**
Maximum activity	0.000406	N/A	0.000556	0.000279	0.000291	0.000302	0.000364	0.000407	0.000523	0.000412	0.000503	0.000503
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**	**N/A**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0.1**	**0.1**

Reactor Coolant System Activity	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**
Maximum activity	0.000512	0.000490	0.000619	0.000524	0.000490	0.000454	0.000498	0	0.000232	0.000538	0.000261	0.000434
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	**0.1**	**0**	**0.1**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**
Maximum leakage	0.049	0.057	0.074	0.029	0.070	0.116	0.139	0.146	0.157	0.143	0.077	0.092
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	**0.5**	**0.6**	**0.7**	**0.3**	**0.7**	**1.2**	**1.4**	**1.5**	**1.6**	**1.4**	**0.8**	**0.9**
Reactor Coolant System Leakage	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**
Maximum leakage	0.094	0.107	0.077	0.071	0.068	0.085	0.084	0	0.036	0.033	0.028	0.029
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	**0.9**	**1.1**	**0.8**	**0.7**	**0.7**	**0.9**	**0.8**	**0**	**0.4**	**0.3**	**0.3**	**0.3**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	18.0	31.0	8.0	43.0	0	24.0	16.0	30.0
Total opportunities	23.0	34.0	8.0	44.0	0	24.0	18.0	30.0
Indicator value	**92.9%**	**93.5%**	**93.6%**	**94.0%**	**93.3%**	**94.0%**	**92.9%**	**93.9%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	134.0	137.0	130.0	136.0	141.0	133.0	132.0	122.0
Total Key personnel	141.0	144.0	140.0	142.0	145.0	139.0	142.0	136.0
Indicator value	**95.0%**	**95.1%**	**92.9%**	**95.8%**	**97.2%**	**95.7%**	**93.0%**	**89.7%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	1619	1622	1685	1748	1754	1751	1753	1749
Total sirens-tests	1625	1625	1690	1755	1755	1755	1755	1755
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**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	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
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/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: April 26, 2010

Oconee 1

2Q/2010 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	2179.0	932.5	2159.0	2184.0
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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	2179.0	932.5	2159.0	2184.0
Indicator value	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
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

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/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**
UAI (ΔCDF)	7.80E-07	7.90E-07	1.70E-06	1.60E-06	1.10E-06	1.00E-06	2.34E-07	-2.18E-07
URI (ΔCDF)	-2.00E-06	-2.00E-06	-1.80E-06	-1.80E-06	-2.00E-06	-2.00E-06	-2.03E-06	-2.03E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.22E-06**	**-1.21E-06**	**-1.00E-07**	**-2.00E-07**	**-9.00E-07**	**-1.00E-06**	**-1.80E-06**	**-2.30E-06**

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	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**
UAI (ΔCDF)	-4.80E-08	-4.80E-08	-2.60E-08	-2.70E-08	-2.60E-08	-2.70E-08	-2.72E-08	-2.72E-08
URI (ΔCDF)	-7.30E-08	-7.30E-08	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.21E-07**	**-1.21E-07**	**2.24E-07**	**2.23E-07**	**2.24E-07**	**2.23E-07**	**2.20E-07**	**2.20E-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/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**
UAI (ΔCDF)	1.20E-07	1.70E-07	1.40E-07	9.40E-08	7.20E-08	6.90E-08	6.19E-08	8.44E-08
URI (ΔCDF)	-1.50E-07	-1.50E-07	-1.50E-07	-1.50E-07	-1.50E-07	-1.50E-07	-2.02E-07	-2.02E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-08**	**2.00E-08**	**-1.00E-08**	**-5.60E-08**	**-7.80E-08**	**-8.10E-08**	**-1.40E-07**	**-1.20E-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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-6.00E-08	-3.80E-08	3.40E-07	3.50E-07	2.20E-07	2.70E-07	1.61E-07	1.95E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.25E-07	-1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-07**	**-1.68E-07**	**2.10E-07**	**2.20E-07**	**9.00E-08**	**1.40E-07**	**3.50E-08**	**7.00E-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/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**
UAI (ΔCDF)	3.90E-09	-1.00E-08	-1.60E-08	-3.80E-08	-2.10E-08	-8.70E-09	-2.33E-08	-1.27E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.81E-08**	**-5.20E-08**	**-5.80E-08**	**-8.00E-08**	**-6.30E-08**	**-5.07E-08**	**-6.50E-08**	**-5.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**
Maximum activity	0.000279	0.000291	0.000302	0.000364	0.000407	0.000523	0.000412	0.000503	0.000503	0.000512	0.000490	0.000619
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**	**0.1**	**0**	**0.1**	**0.1**	**0.1**	**0**	**0.1**

Reactor Coolant System Activity	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**
Maximum activity	0.000524	0.000490	0.000454	0.000498	0	0.000232	0.000538	0.000261	0.000434	0.000418	0.000356	0.000321
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	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**
Maximum leakage	0.029	0.070	0.116	0.139	0.146	0.157	0.143	0.077	0.092	0.094	0.107	0.077
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**	**0.7**	**1.2**	**1.4**	**1.5**	**1.6**	**1.4**	**0.8**	**0.9**	**0.9**	**1.1**	**0.8**
Reactor Coolant System Leakage	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**
Maximum leakage	0.071	0.068	0.085	0.084	0	0.036	0.033	0.028	0.029	0.044	0.028	0.037
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	**0.7**	**0.7**	**0.9**	**0.8**	**0**	**0.4**	**0.3**	**0.3**	**0.3**	**0.4**	**0.3**	**0.4**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	31.0	8.0	43.0	0	24.0	16.0	35.0	4.0
Total opportunities	34.0	8.0	44.0	0	24.0	18.0	35.0	4.0
Indicator value	**93.5%**	**93.6%**	**94.0%**	**93.3%**	**94.0%**	**92.9%**	**94.1%**	**96.4%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	137.0	130.0	136.0	141.0	133.0	132.0	122.0	131.0
Total Key personnel	144.0	140.0	142.0	145.0	139.0	142.0	136.0	138.0
Indicator value	**95.1%**	**92.9%**	**95.8%**	**97.2%**	**95.7%**	**93.0%**	**89.7%**	**94.9%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	1622	1685	1748	1754	1751	1753	1749	1752
Total sirens-tests	1625	1690	1755	1755	1755	1755	1755	1755
Indicator value	**99.7%**	**99.7%**	**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	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
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	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: July 26, 2010

Oconee 1

3Q/2010 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2209.0	2159.0	2184.0	2179.0	932.5	2159.0	2184.0	2170.9
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2159.0	2184.0	2179.0	932.5	2159.0	2184.0	2170.9
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**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)	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
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

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	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**
UAI (ΔCDF)	7.90E-07	1.70E-06	1.60E-06	1.10E-06	1.00E-06	2.34E-07	-2.18E-07	3.52E-07
URI (ΔCDF)	-2.00E-06	-1.80E-06	-1.80E-06	-2.00E-06	-2.00E-06	-2.03E-06	-2.03E-06	-1.85E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.21E-06**	**-1.00E-07**	**-2.00E-07**	**-9.00E-07**	**-1.00E-06**	**-1.80E-06**	**-2.30E-06**	**-1.50E-06**

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	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	-4.80E-08	-2.60E-08	-2.70E-08	-2.60E-08	-2.70E-08	-2.72E-08	-2.72E-08	-2.72E-08
URI (ΔCDF)	-7.30E-08	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.21E-07**	**2.24E-07**	**2.23E-07**	**2.24E-07**	**2.23E-07**	**2.20E-07**	**2.20E-07**	**2.20E-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	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	1.70E-07	1.40E-07	9.40E-08	7.20E-08	6.90E-08	6.19E-08	8.44E-08	1.72E-07
URI (ΔCDF)	-1.50E-07	-1.50E-07	-1.50E-07	-1.50E-07	-1.50E-07	-2.02E-07	-2.02E-07	-2.02E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.00E-08**	**-1.00E-08**	**-5.60E-08**	**-7.80E-08**	**-8.10E-08**	**-1.40E-07**	**-1.20E-07**	**-3.00E-08**

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	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	-3.80E-08	3.40E-07	3.50E-07	2.20E-07	2.70E-07	1.61E-07	1.95E-07	1.59E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.25E-07	-1.25E-07	-1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.68E-07**	**2.10E-07**	**2.20E-07**	**9.00E-08**	**1.40E-07**	**3.50E-08**	**7.00E-08**	**3.40E-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	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**
UAI (ΔCDF)	-1.00E-08	-1.60E-08	-3.80E-08	-2.10E-08	-8.70E-09	-2.33E-08	-1.27E-08	-1.35E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.20E-08**	**-5.80E-08**	**-8.00E-08**	**-6.30E-08**	**-5.07E-08**	**-6.50E-08**	**-5.50E-08**	**-5.60E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**
Maximum activity	0.000364	0.000407	0.000523	0.000412	0.000503	0.000503	0.000512	0.000490	0.000619	0.000524	0.000490	0.000454
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**	**0.1**	**0**	**0.1**	**0.1**	**0.1**	**0**	**0.1**	**0.1**	**0**	**0**

Reactor Coolant System Activity	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**
Maximum activity	0.000498	0	0.000232	0.000538	0.000261	0.000434	0.000418	0.000356	0.000321	0.000347	0.000893	0.000788
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**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**
Maximum leakage	0.139	0.146	0.157	0.143	0.077	0.092	0.094	0.107	0.077	0.071	0.068	0.085
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	**1.4**	**1.5**	**1.6**	**1.4**	**0.8**	**0.9**	**0.9**	**1.1**	**0.8**	**0.7**	**0.7**	**0.9**
Reactor Coolant System Leakage	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**
Maximum leakage	0.084	0	0.036	0.033	0.028	0.029	0.044	0.028	0.037	0.032	0.047	0.028
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	**0.8**	**0**	**0.4**	**0.3**	**0.3**	**0.3**	**0.4**	**0.3**	**0.4**	**0.3**	**0.5**	**0.3**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful opportunities	8.0	43.0	0	24.0	16.0	35.0	4.0	24.0
Total opportunities	8.0	44.0	0	24.0	18.0	35.0	4.0	27.0
Indicator value	**93.6%**	**94.0%**	**93.3%**	**94.0%**	**92.9%**	**94.1%**	**96.4%**	**96.3%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Participating Key personnel	130.0	136.0	141.0	133.0	132.0	122.0	131.0	127.0
Total Key personnel	140.0	142.0	145.0	139.0	142.0	136.0	138.0	141.0
Indicator value	**92.9%**	**95.8%**	**97.2%**	**95.7%**	**93.0%**	**89.7%**	**94.9%**	**90.1%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	1685	1748	1754	1751	1753	1749	1752	1753
Total sirens-tests	1690	1755	1755	1755	1755	1755	1755	1755
Indicator value	**99.7%**	**99.7%**	**99.8%**	**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	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
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	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: October 25, 2010

Oconee 1

4Q/2010 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2159.0	2184.0	2179.0	932.5	2159.0	2184.0	2170.9	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.8**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2159.0	2184.0	2179.0	932.5	2159.0	2184.0	2170.9	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**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)	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
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

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/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	1.70E-06	1.60E-06	1.10E-06	1.00E-06	2.34E-07	-2.18E-07	3.52E-07	3.75E-07
URI (ΔCDF)	-1.80E-06	-1.80E-06	-2.00E-06	-2.00E-06	-2.03E-06	-2.03E-06	-1.85E-06	-1.85E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-07**	**-2.00E-07**	**-9.00E-07**	**-1.00E-06**	**-1.80E-06**	**-2.30E-06**	**-1.50E-06**	**-1.50E-06**

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/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	-2.60E-08	-2.70E-08	-2.60E-08	-2.70E-08	-2.72E-08	-2.72E-08	-2.72E-08	-2.72E-08
URI (ΔCDF)	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.24E-07**	**2.23E-07**	**2.24E-07**	**2.23E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-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	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	1.40E-07	9.40E-08	7.20E-08	6.90E-08	6.19E-08	8.44E-08	1.72E-07	1.82E-07
URI (ΔCDF)	-1.50E-07	-1.50E-07	-1.50E-07	-1.50E-07	-2.02E-07	-2.02E-07	-2.02E-07	1.02E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-08**	**-5.60E-08**	**-7.80E-08**	**-8.10E-08**	**-1.40E-07**	**-1.20E-07**	**-3.00E-08**	**2.80E-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	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	3.40E-07	3.50E-07	2.20E-07	2.70E-07	1.61E-07	1.95E-07	1.59E-07	1.57E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.30E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.10E-07**	**2.20E-07**	**9.00E-08**	**1.40E-07**	**3.50E-08**	**7.00E-08**	**3.40E-08**	**3.20E-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	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	-1.60E-08	-3.80E-08	-2.10E-08	-8.70E-09	-2.33E-08	-1.27E-08	-1.35E-08	-2.94E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.80E-08**	**-8.00E-08**	**-6.30E-08**	**-5.07E-08**	**-6.50E-08**	**-5.50E-08**	**-5.60E-08**	**-7.10E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**
Maximum activity	0.000412	0.000503	0.000503	0.000512	0.000490	0.000619	0.000524	0.000490	0.000454	0.000498	0	0.000232
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**	**0.1**	**0.1**	**0.1**	**0**	**0.1**	**0.1**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**
Maximum activity	0.000538	0.000261	0.000434	0.000418	0.000356	0.000321	0.000347	0.000893	0.000788	0.000618	0.000731	0.000750
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	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**
Maximum leakage	0.143	0.077	0.092	0.094	0.107	0.077	0.071	0.068	0.085	0.084	0	0.036
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	**1.4**	**0.8**	**0.9**	**0.9**	**1.1**	**0.8**	**0.7**	**0.7**	**0.9**	**0.8**	**0**	**0.4**
Reactor Coolant System Leakage	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**
Maximum leakage	0.033	0.028	0.029	0.044	0.028	0.037	0.032	0.047	0.028	0.039	0.038	0.031
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**	**0.3**	**0.4**	**0.3**	**0.5**	**0.3**	**0.4**	**0.4**	**0.3**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful opportunities	43.0	0	24.0	16.0	35.0	4.0	24.0	13.0
Total opportunities	44.0	0	24.0	18.0	35.0	4.0	27.0	15.0
Indicator value	**94.0%**	**93.3%**	**94.0%**	**92.9%**	**94.1%**	**96.4%**	**96.3%**	**95.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	136.0	141.0	133.0	132.0	122.0	131.0	127.0	132.0
Total Key personnel	142.0	145.0	139.0	142.0	136.0	138.0	141.0	137.0
Indicator value	**95.8%**	**97.2%**	**95.7%**	**93.0%**	**89.7%**	**94.9%**	**90.1%**	**96.4%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	1748	1754	1751	1753	1749	1752	1753	1752
Total sirens-tests	1755	1755	1755	1755	1755	1755	1755	1752
Indicator value	**99.7%**	**99.8%**	**99.8%**	**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/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
High radiation area occurrences	0	0	0	0	0	0	0	1
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**	**1**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: January 24, 2011

Oconee 1

1Q/2011 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/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2184.0	2179.0	932.5	2159.0	2184.0	2170.9	2209.0	1976.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.8**	**0.8**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	0	0	0	0	0	1.0	1.0
Critical hours	2184.0	2179.0	932.5	2159.0	2184.0	2170.9	2209.0	1976.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**	**1.6**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**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)	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
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

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/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	1.60E-06	1.10E-06	1.00E-06	2.34E-07	-2.18E-07	3.52E-07	3.75E-07	6.36E-07
URI (ΔCDF)	-1.80E-06	-2.00E-06	-2.00E-06	-2.03E-06	-2.03E-06	-1.85E-06	-1.85E-06	-2.03E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-07**	**-9.00E-07**	**-1.00E-06**	**-1.80E-06**	**-2.30E-06**	**-1.50E-06**	**-1.50E-06**	**-1.40E-06**

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	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	-2.70E-08	-2.60E-08	-2.70E-08	-2.72E-08	-2.72E-08	-2.72E-08	-2.72E-08	-2.67E-08
URI (ΔCDF)	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.23E-07**	**2.24E-07**	**2.23E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-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	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	9.40E-08	7.20E-08	6.90E-08	6.19E-08	8.44E-08	1.72E-07	1.82E-07	1.81E-07
URI (ΔCDF)	-1.50E-07	-1.50E-07	-1.50E-07	-2.02E-07	-2.02E-07	-2.02E-07	1.02E-07	1.02E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-08**	**-7.80E-08**	**-8.10E-08**	**-1.40E-07**	**-1.20E-07**	**-3.00E-08**	**2.80E-07**	**2.80E-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	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	3.50E-07	2.20E-07	2.70E-07	1.61E-07	1.95E-07	1.59E-07	1.57E-07	4.44E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.30E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**9.00E-08**	**1.40E-07**	**3.50E-08**	**7.00E-08**	**3.40E-08**	**3.20E-08**	**3.20E-07**

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	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	-3.80E-08	-2.10E-08	-8.70E-09	-2.33E-08	-1.27E-08	-1.35E-08	-2.94E-08	-2.51E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.00E-08**	**-6.30E-08**	**-5.07E-08**	**-6.50E-08**	**-5.50E-08**	**-5.60E-08**	**-7.10E-08**	**-6.70E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**
Maximum activity	0.000512	0.000490	0.000619	0.000524	0.000490	0.000454	0.000498	0	0.000232	0.000538	0.000261	0.000434
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	**0.1**	**0**	**0.1**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**

Reactor Coolant System Activity	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**
Maximum activity	0.000418	0.000356	0.000321	0.000347	0.000893	0.000788	0.000618	0.000731	0.000750	0.000868	0.000844	0.000849
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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**
Maximum leakage	0.094	0.107	0.077	0.071	0.068	0.085	0.084	0	0.036	0.033	0.028	0.029
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	**0.9**	**1.1**	**0.8**	**0.7**	**0.7**	**0.9**	**0.8**	**0**	**0.4**	**0.3**	**0.3**	**0.3**
Reactor Coolant System Leakage	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**
Maximum leakage	0.044	0.028	0.037	0.032	0.047	0.028	0.039	0.038	0.031	0.022	0.076	0.121
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	**0.4**	**0.3**	**0.4**	**0.3**	**0.5**	**0.3**	**0.4**	**0.4**	**0.3**	**0.2**	**0.8**	**1.2**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	0	24.0	16.0	35.0	4.0	24.0	13.0	39.0
Total opportunities	0	24.0	18.0	35.0	4.0	27.0	15.0	40.0
Indicator value	**93.3%**	**94.0%**	**92.9%**	**94.1%**	**96.4%**	**96.3%**	**95.2%**	**95.1%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
Participating Key personnel	141.0	133.0	132.0	122.0	131.0	127.0	132.0	128.0
Total Key personnel	145.0	139.0	142.0	136.0	138.0	141.0	137.0	132.0
Indicator value	**97.2%**	**95.7%**	**93.0%**	**89.7%**	**94.9%**	**90.1%**	**96.4%**	**97.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	1754	1751	1753	1749	1752	1753	1752	1753
Total sirens-tests	1755	1755	1755	1755	1755	1755	1752	1755
Indicator value	**99.8%**	**99.8%**	**99.8%**	**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	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
High radiation area occurrences	0	0	0	0	0	0	1	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**	**1**	**1**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: May 4, 2011

Oconee 1

2Q/2011 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2179.0	932.5	2159.0	2184.0	2170.9	2209.0	1976.6	553.6
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**0.8**	**0.8**	**1.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	0	0	0	0	0	1.0	1.0	0
Critical hours	2179.0	932.5	2159.0	2184.0	2170.9	2209.0	1976.6	553.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.8**	**1.6**	**2.0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**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/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
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

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/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	1.10E-06	1.00E-06	2.34E-07	-2.18E-07	3.52E-07	3.75E-07	6.36E-07	5.98E-07
URI (ΔCDF)	-2.00E-06	-2.00E-06	-2.03E-06	-2.03E-06	-1.85E-06	-1.85E-06	-2.03E-06	-2.03E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.00E-07**	**-1.00E-06**	**-1.80E-06**	**-2.30E-06**	**-1.50E-06**	**-1.50E-06**	**-1.40E-06**	**-1.40E-06**

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	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	-2.60E-08	-2.70E-08	-2.72E-08	-2.72E-08	-2.72E-08	-2.72E-08	-2.67E-08	-2.58E-08
URI (ΔCDF)	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.24E-07**	**2.23E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-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/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	7.20E-08	6.90E-08	6.19E-08	8.44E-08	1.72E-07	1.82E-07	1.81E-07	1.41E-07
URI (ΔCDF)	-1.50E-07	-1.50E-07	-2.02E-07	-2.02E-07	-2.02E-07	1.02E-07	1.02E-07	5.17E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.80E-08**	**-8.10E-08**	**-1.40E-07**	**-1.20E-07**	**-3.00E-08**	**2.80E-07**	**2.80E-07**	**6.60E-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/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	2.20E-07	2.70E-07	1.61E-07	1.95E-07	1.59E-07	1.57E-07	4.44E-07	5.06E-07
URI (ΔCDF)	-1.30E-07	-1.30E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.00E-08**	**1.40E-07**	**3.50E-08**	**7.00E-08**	**3.40E-08**	**3.20E-08**	**3.20E-07**	**3.80E-07**

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/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	-2.10E-08	-8.70E-09	-2.33E-08	-1.27E-08	-1.35E-08	-2.94E-08	-2.51E-08	-2.30E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-08**	**-5.07E-08**	**-6.50E-08**	**-5.50E-08**	**-5.60E-08**	**-7.10E-08**	**-6.70E-08**	**-6.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum activity	0.000524	0.000490	0.000454	0.000498	0	0.000232	0.000538	0.000261	0.000434	0.000418	0.000356	0.000321
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	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.000347	0.000893	0.000788	0.000618	0.000731	0.000750	0.000868	0.000844	0.000849	N/A	N/A	0.000334
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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**N/A**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**
Maximum leakage	0.071	0.068	0.085	0.084	0	0.036	0.033	0.028	0.029	0.044	0.028	0.037
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	**0.7**	**0.7**	**0.9**	**0.8**	**0**	**0.4**	**0.3**	**0.3**	**0.3**	**0.4**	**0.3**	**0.4**
Reactor Coolant System Leakage	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**
Maximum leakage	0.032	0.047	0.028	0.039	0.038	0.031	0.022	0.076	0.121	N/A	N/A	0.180
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**	**0.5**	**0.3**	**0.4**	**0.4**	**0.3**	**0.2**	**0.8**	**1.2**	**N/A**	**N/A**	**1.8**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	24.0	16.0	35.0	4.0	24.0	13.0	28.0	16.0
Total opportunities	24.0	18.0	35.0	4.0	27.0	15.0	29.0	16.0
Indicator value	**94.0%**	**92.9%**	**94.1%**	**96.4%**	**96.3%**	**95.2%**	**94.7%**	**95.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	133.0	132.0	122.0	131.0	127.0	132.0	127.0	130.0
Total Key personnel	139.0	142.0	136.0	138.0	141.0	137.0	138.0	140.0
Indicator value	**95.7%**	**93.0%**	**89.7%**	**94.9%**	**90.1%**	**96.4%**	**92.0%**	**92.9%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	1751	1753	1749	1752	1753	1752	1753	1751
Total sirens-tests	1755	1755	1755	1755	1755	1752	1755	1755
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
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	**0**	**0**	**0**	**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/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: July 22, 2011

Oconee 1

3Q/2011 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	932.5	2159.0	2184.0	2170.9	2209.0	1976.6	553.6	2208.0
Indicator value	**0**	**0**	**0**	**0.9**	**0.8**	**0.8**	**1.0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	0	0	0	0	1.0	1.0	0	0
Critical hours	932.5	2159.0	2184.0	2170.9	2209.0	1976.6	553.6	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0.8**	**1.6**	**2.0**	**2.0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**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)	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

Licensee Comments:

3Q/11: Unit 1 LER 269/2011-05, Reactor Protection System Overpower Flux/Flow Imbalance Channels Inoperable

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	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**
UAI (ΔCDF)	1.00E-06	2.34E-07	-2.18E-07	3.52E-07	3.75E-07	6.36E-07	5.98E-07	4.57E-07
URI (ΔCDF)	-2.00E-06	-2.03E-06	-2.03E-06	-1.85E-06	-1.85E-06	-2.03E-06	-2.03E-06	-1.85E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-06**	**-1.80E-06**	**-2.30E-06**	**-1.50E-06**	**-1.50E-06**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**

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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	-2.70E-08	-2.72E-08	-2.72E-08	-2.72E-08	-2.72E-08	-2.67E-08	-2.58E-08	-3.16E-08
URI (ΔCDF)	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.23E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**1.20E-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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	6.90E-08	6.19E-08	8.44E-08	1.72E-07	1.82E-07	1.81E-07	1.41E-07	1.21E-07
URI (ΔCDF)	-1.50E-07	-2.02E-07	-2.02E-07	-2.02E-07	1.02E-07	1.02E-07	5.17E-07	5.17E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.10E-08**	**-1.40E-07**	**-1.20E-07**	**-3.00E-08**	**2.80E-07**	**2.80E-07**	**6.60E-07**	**6.40E-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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	2.70E-07	1.61E-07	1.95E-07	1.59E-07	1.57E-07	4.44E-07	5.06E-07	5.07E-07
URI (ΔCDF)	-1.30E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-07**	**3.50E-08**	**7.00E-08**	**3.40E-08**	**3.20E-08**	**3.20E-07**	**3.80E-07**	**3.80E-07**

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	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**
UAI (ΔCDF)	-8.70E-09	-2.33E-08	-1.27E-08	-1.35E-08	-2.94E-08	-2.51E-08	-2.30E-08	-2.41E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.07E-08**	**-6.50E-08**	**-5.50E-08**	**-5.60E-08**	**-7.10E-08**	**-6.70E-08**	**-6.50E-08**	**-6.60E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**
Maximum activity	0.000498	0	0.000232	0.000538	0.000261	0.000434	0.000418	0.000356	0.000321	0.000347	0.000893	0.000788
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**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**

Reactor Coolant System Activity	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**
Maximum activity	0.000618	0.000731	0.000750	0.000868	0.000844	0.000849	N/A	N/A	0.000334	0.000542	0.000300	0.000266
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**N/A**	**0**	**0.1**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**
Maximum leakage	0.084	0	0.036	0.033	0.028	0.029	0.044	0.028	0.037	0.032	0.047	0.028
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	**0.8**	**0**	**0.4**	**0.3**	**0.3**	**0.3**	**0.4**	**0.3**	**0.4**	**0.3**	**0.5**	**0.3**
Reactor Coolant System Leakage	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**
Maximum leakage	0.039	0.038	0.031	0.022	0.076	0.121	N/A	N/A	0.180	0.107	0.124	0.058
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	**0.4**	**0.4**	**0.3**	**0.2**	**0.8**	**1.2**	**N/A**	**N/A**	**1.8**	**1.1**	**1.2**	**0.6**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	16.0	35.0	4.0	24.0	13.0	28.0	16.0	39.0
Total opportunities	18.0	35.0	4.0	27.0	15.0	29.0	16.0	40.0
Indicator value	**92.9%**	**94.1%**	**96.4%**	**96.3%**	**95.2%**	**94.7%**	**95.2%**	**95.1%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	132.0	122.0	131.0	127.0	132.0	127.0	130.0	136.0
Total Key personnel	142.0	136.0	138.0	141.0	137.0	138.0	140.0	139.0
Indicator value	**93.0%**	**89.7%**	**94.9%**	**90.1%**	**96.4%**	**92.0%**	**92.9%**	**97.8%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	1753	1749	1752	1753	1752	1753	1751	1753
Total sirens-tests	1755	1755	1755	1755	1752	1755	1755	1755
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
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	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**1**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: November 29, 2011

Oconee 1

4Q/2011 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2159.0	2184.0	2170.9	2209.0	1976.6	553.6	2208.0	2209.0
Indicator value	**0**	**0**	**0.9**	**0.8**	**0.8**	**1.0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned power changes	0	0	0	1.0	1.0	0	0	0
Critical hours	2159.0	2184.0	2170.9	2209.0	1976.6	553.6	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0.8**	**1.6**	**2.0**	**2.0**	**1.0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**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)	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**

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/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	2.34E-07	-2.18E-07	3.52E-07	3.75E-07	6.36E-07	5.98E-07	4.57E-07	5.01E-07
URI (ΔCDF)	-2.03E-06	-2.03E-06	-1.85E-06	-1.85E-06	-2.03E-06	-2.03E-06	-1.85E-06	-1.85E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.80E-06**	**-2.30E-06**	**-1.50E-06**	**-1.50E-06**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**

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/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	-2.72E-08	-2.72E-08	-2.72E-08	-2.72E-08	-2.67E-08	-2.58E-08	-3.16E-08	-3.16E-08
URI (ΔCDF)	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	1.50E-07	1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**1.20E-07**	**1.20E-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	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	6.19E-08	8.44E-08	1.72E-07	1.82E-07	1.81E-07	1.41E-07	1.21E-07	9.94E-08
URI (ΔCDF)	-2.02E-07	-2.02E-07	-2.02E-07	1.02E-07	1.02E-07	5.17E-07	5.17E-07	5.17E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-07**	**-1.20E-07**	**-3.00E-08**	**2.80E-07**	**2.80E-07**	**6.60E-07**	**6.40E-07**	**6.20E-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	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	1.61E-07	1.95E-07	1.59E-07	1.57E-07	4.44E-07	5.06E-07	5.07E-07	3.04E-07
URI (ΔCDF)	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.50E-08**	**7.00E-08**	**3.40E-08**	**3.20E-08**	**3.20E-07**	**3.80E-07**	**3.80E-07**	**1.80E-07**

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	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	-2.33E-08	-1.27E-08	-1.35E-08	-2.94E-08	-2.51E-08	-2.30E-08	-2.41E-08	-3.38E-09
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**-5.50E-08**	**-5.60E-08**	**-7.10E-08**	**-6.70E-08**	**-6.50E-08**	**-6.60E-08**	**-4.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**
Maximum activity	0.000538	0.000261	0.000434	0.000418	0.000356	0.000321	0.000347	0.000893	0.000788	0.000618	0.000731	0.000750
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	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**
Maximum activity	0.000868	0.000844	0.000849	N/A	N/A	0.000334	0.000542	0.000300	0.000266	0.000229	0.000315	0.000375
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	**0.1**	**0.1**	**0.1**	**N/A**	**N/A**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**
Maximum leakage	0.033	0.028	0.029	0.044	0.028	0.037	0.032	0.047	0.028	0.039	0.038	0.031
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**	**0.3**	**0.4**	**0.3**	**0.5**	**0.3**	**0.4**	**0.4**	**0.3**
Reactor Coolant System Leakage	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**
Maximum leakage	0.022	0.076	0.121	N/A	N/A	0.180	0.107	0.124	0.058	0.314	0.036	0.041
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**	**0.8**	**1.2**	**N/A**	**N/A**	**1.8**	**1.1**	**1.2**	**0.6**	**3.1**	**0.4**	**0.4**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	35.0	4.0	24.0	13.0	28.0	16.0	39.0	18.0
Total opportunities	35.0	4.0	27.0	15.0	29.0	16.0	40.0	18.0
Indicator value	**94.1%**	**96.4%**	**96.3%**	**95.2%**	**94.7%**	**95.2%**	**95.1%**	**96.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	122.0	131.0	127.0	132.0	127.0	130.0	136.0	135.0
Total Key personnel	136.0	138.0	141.0	137.0	138.0	140.0	139.0	140.0
Indicator value	**89.7%**	**94.9%**	**90.1%**	**96.4%**	**92.0%**	**92.9%**	**97.8%**	**96.4%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	1749	1752	1753	1752	1753	1751	1753	1687
Total sirens-tests	1755	1755	1755	1752	1755	1755	1755	1690
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
High radiation area occurrences	0	0	0	1	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**	**1**	**1**	**1**	**1**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: February 2, 2012

Oconee 1

1Q/2012 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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2184.0	2170.9	2209.0	1976.6	553.6	2208.0	2209.0	2183.0
Indicator value	**0**	**0.9**	**0.8**	**0.8**	**1.0**	**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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	0	0	1.0	1.0	0	0	0	0
Critical hours	2184.0	2170.9	2209.0	1976.6	553.6	2208.0	2209.0	2183.0
Indicator value	**0**	**0**	**0.8**	**1.6**	**2.0**	**2.0**	**1.0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**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)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**1**

Licensee Comments:

3Q/11: Unit 1 LER 269/2011-05, Reactor Protection System Overpower Flux/Flow Imbalance Channels Inoperable

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/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**
UAI (ΔCDF)	-2.18E-07	3.52E-07	3.75E-07	6.36E-07	5.98E-07	4.57E-07	5.01E-07	-2.76E-08
URI (ΔCDF)	-2.04E-06	-1.86E-06	-1.86E-06	-2.04E-06	-2.04E-06	-1.86E-06	-1.86E-06	-2.04E-06
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.30E-06**	**-1.50E-06**	**-1.50E-06**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**	**-2.10E-06**

Licensee Comments:

1Q/12: Changed PRA Parameter(s). Grayed unckecked MSPI & URI being investigated, no errors in Deriavtion Reports

4Q/11: Changed PRA Parameter(s).

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Changed PRA Parameter(s).

4Q/10: Changed PRA Parameter(s).

3Q/10: Changed PRA Parameter(s).

2Q/10: 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/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**
UAI (ΔCDF)	-2.72E-08	-2.72E-08	-2.72E-08	-2.67E-08	-2.58E-08	-3.16E-08	-3.16E-08	-6.19E-08
URI (ΔCDF)	2.50E-07	2.50E-07	2.50E-07	2.50E-07	2.50E-07	1.50E-07	1.50E-07	-1.73E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**1.20E-07**	**1.20E-07**	**-2.40E-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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	8.44E-08	1.72E-07	1.82E-07	1.81E-07	1.41E-07	1.21E-07	9.94E-08	9.57E-08
URI (ΔCDF)	-1.88E-07	-1.88E-07	1.03E-07	1.03E-07	5.19E-07	5.19E-07	5.19E-07	5.19E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-07**	**-1.60E-08**	**2.80E-07**	**2.80E-07**	**6.60E-07**	**6.40E-07**	**6.20E-07**	**6.10E-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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	1.95E-07	1.59E-07	1.57E-07	4.44E-07	5.06E-07	5.07E-07	3.04E-07	1.45E-07
URI (ΔCDF)	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.00E-08**	**3.40E-08**	**3.20E-08**	**3.20E-07**	**3.80E-07**	**3.80E-07**	**1.80E-07**	**1.90E-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	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**
UAI (ΔCDF)	-1.27E-08	-1.35E-08	-2.94E-08	-2.51E-08	-2.30E-08	-2.41E-08	-3.38E-09	-9.75E-09
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.50E-08**	**-5.60E-08**	**-7.10E-08**	**-6.70E-08**	**-6.50E-08**	**-6.60E-08**	**-4.50E-08**	**-5.20E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**
Maximum activity	0.000418	0.000356	0.000321	0.000347	0.000893	0.000788	0.000618	0.000731	0.000750	0.000868	0.000844	0.000849
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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**
Maximum activity	N/A	N/A	0.000334	0.000542	0.000300	0.000266	0.000229	0.000315	0.000375	0.000279	0.000295	0.000289
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	**N/A**	**N/A**	**0**	**0.1**	**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	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**
Maximum leakage	0.044	0.028	0.037	0.032	0.047	0.028	0.039	0.038	0.031	0.022	0.076	0.121
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	**0.4**	**0.3**	**0.4**	**0.3**	**0.5**	**0.3**	**0.4**	**0.4**	**0.3**	**0.2**	**0.8**	**1.2**
Reactor Coolant System Leakage	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**
Maximum leakage	N/A	N/A	0.180	0.107	0.124	0.058	0.314	0.036	0.041	0.039	0.044	0.038
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	**N/A**	**N/A**	**1.8**	**1.1**	**1.2**	**0.6**	**3.1**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	4.0	24.0	13.0	28.0	16.0	39.0	18.0	48.0
Total opportunities	4.0	27.0	15.0	29.0	16.0	40.0	18.0	50.0
Indicator value	**96.4%**	**96.3%**	**95.2%**	**94.7%**	**95.2%**	**95.1%**	**96.2%**	**95.5%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	131.0	127.0	132.0	127.0	130.0	136.0	135.0	133.0
Total Key personnel	138.0	141.0	137.0	138.0	140.0	139.0	140.0	133.0
Indicator value	**94.9%**	**90.1%**	**96.4%**	**92.0%**	**92.9%**	**97.8%**	**96.4%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	1752	1753	1752	1753	1751	1753	1687	1753
Total sirens-tests	1755	1755	1752	1755	1755	1755	1690	1755
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
High radiation area occurrences	0	0	1	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**	**1**	**1**	**1**	**1**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: June 12, 2012

Oconee 1

2Q/2012 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2170.9	2209.0	1976.6	553.6	2208.0	2209.0	2183.0	2184.0
Indicator value	**0.9**	**0.8**	**0.8**	**1.0**	**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/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned power changes	0	1.0	1.0	0	0	0	0	0
Critical hours	2170.9	2209.0	1976.6	553.6	2208.0	2209.0	2183.0	2184.0
Indicator value	**0**	**0.8**	**1.6**	**2.0**	**2.0**	**1.0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**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/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**1**

Licensee Comments:

3Q/11: Unit 1 LER 269/2011-05, Reactor Protection System Overpower Flux/Flow Imbalance Channels Inoperable

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/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	3.52E-07	3.75E-07	6.36E-07	5.98E-07	4.57E-07	5.01E-07	-2.76E-08	3.45E-08
URI (ΔCDF)	-1.86E-06	-1.86E-06	-2.04E-06	-2.04E-06	-1.86E-06	-1.86E-06	-2.04E-06	-3.27E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-06**	**-1.50E-06**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**	**-2.10E-06**	**-2.90E-07**

Licensee Comments:

1Q/12: Changed PRA Parameter(s). Grayed unckecked MSPI & URI being investigated, no errors in Deriavtion Reports

4Q/11: Changed PRA Parameter(s).

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Changed PRA Parameter(s).

4Q/10: Changed PRA Parameter(s).

3Q/10: 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	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-2.72E-08	-2.72E-08	-2.67E-08	-2.58E-08	-3.16E-08	-3.16E-08	-6.19E-08	-7.59E-10
URI (ΔCDF)	2.50E-07	2.50E-07	2.50E-07	2.50E-07	1.50E-07	1.50E-07	-1.73E-07	-1.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**1.20E-07**	**1.20E-07**	**-2.40E-07**	**-1.40E-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/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	1.72E-07	1.82E-07	1.81E-07	1.41E-07	1.21E-07	9.94E-08	9.57E-08	7.60E-08
URI (ΔCDF)	-1.88E-07	1.03E-07	1.03E-07	5.19E-07	5.19E-07	5.19E-07	5.19E-07	2.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.60E-08**	**2.80E-07**	**2.80E-07**	**6.60E-07**	**6.40E-07**	**6.20E-07**	**6.10E-07**	**2.90E-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/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	1.59E-07	1.57E-07	4.44E-07	5.06E-07	5.07E-07	3.04E-07	1.45E-07	5.68E-09
URI (ΔCDF)	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-9.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.40E-08**	**3.20E-08**	**3.20E-07**	**3.80E-07**	**3.80E-07**	**1.80E-07**	**1.90E-08**	**-9.10E-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/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-1.35E-08	-2.94E-08	-2.51E-08	-2.30E-08	-2.41E-08	-3.38E-09	-9.75E-09	-1.98E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-08**	**-7.10E-08**	**-6.70E-08**	**-6.50E-08**	**-6.60E-08**	**-4.50E-08**	**-5.20E-08**	**-5.00E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.000347	0.000893	0.000788	0.000618	0.000731	0.000750	0.000868	0.000844	0.000849	N/A	N/A	0.000334
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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**N/A**	**0**

Reactor Coolant System Activity	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum activity	0.000542	0.000300	0.000266	0.000229	0.000315	0.000375	0.000279	0.000295	0.000289	0.000473	0.000427	0.000384
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	**0.1**	**0**	**0**	**0**	**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	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**
Maximum leakage	0.032	0.047	0.028	0.039	0.038	0.031	0.022	0.076	0.121	N/A	N/A	0.180
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**	**0.5**	**0.3**	**0.4**	**0.4**	**0.3**	**0.2**	**0.8**	**1.2**	**N/A**	**N/A**	**1.8**
Reactor Coolant System Leakage	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**
Maximum leakage	0.107	0.124	0.058	0.314	0.036	0.041	0.039	0.044	0.038	0.050	0.038	0.050
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	**1.1**	**1.2**	**0.6**	**3.1**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	24.0	13.0	28.0	16.0	39.0	18.0	48.0	12.0
Total opportunities	27.0	15.0	29.0	16.0	40.0	18.0	50.0	12.0
Indicator value	**96.3%**	**95.2%**	**94.7%**	**95.2%**	**95.1%**	**96.2%**	**95.5%**	**95.7%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	127.0	132.0	127.0	130.0	136.0	135.0	133.0	132.0
Total Key personnel	141.0	137.0	138.0	140.0	139.0	140.0	133.0	132.0
Indicator value	**90.1%**	**96.4%**	**92.0%**	**92.9%**	**97.8%**	**96.4%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	1753	1752	1753	1751	1753	1687	1753	1686
Total sirens-tests	1755	1752	1755	1755	1755	1690	1755	1690
Indicator value	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**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	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
High radiation area occurrences	0	1	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**	**1**	**1**	**1**	**1**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Oconee 1

3Q/2012 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	1976.6	553.6	2208.0	2209.0	2183.0	2184.0	2162.1
Indicator value	**0.8**	**0.8**	**1.0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned power changes	1.0	1.0	0	0	0	0	0	1.0
Critical hours	2209.0	1976.6	553.6	2208.0	2209.0	2183.0	2184.0	2162.1
Indicator value	**0.8**	**1.6**	**2.0**	**2.0**	**1.0**	**0**	**0**	**0.8**

Licensee Comments:

3Q/12: Investigate and Repair RCS leakage. PIP O-12-08357

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	**0**	**0**	**0**	**1**	**1**	**1**	**1**	**0**

Licensee Comments:

3Q/11: Unit 1 LER 269/2011-05, Reactor Protection System Overpower Flux/Flow Imbalance Channels Inoperable

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	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	3.75E-07	6.36E-07	5.98E-07	4.57E-07	5.01E-07	-2.76E-08	3.45E-08	3.64E-08
URI (ΔCDF)	-1.86E-06	-2.04E-06	-2.04E-06	-1.86E-06	-1.86E-06	-2.04E-06	-3.27E-07	-3.27E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-06**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**	**-2.10E-06**	**-2.90E-07**	**-2.90E-07**

Licensee Comments:

1Q/12: Changed PRA Parameter(s). Grayed unckecked MSPI & URI being investigated, no errors in Deriavtion Reports

4Q/11: Changed PRA Parameter(s).

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Changed PRA Parameter(s).

4Q/10: Changed PRA Parameter(s).

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	-2.72E-08	-2.67E-08	-2.58E-08	-3.16E-08	-3.16E-08	-6.19E-08	-7.59E-10	-7.59E-10
URI (ΔCDF)	2.50E-07	2.50E-07	2.50E-07	1.50E-07	1.50E-07	-1.73E-07	-1.34E-07	-1.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**2.20E-07**	**2.20E-07**	**1.20E-07**	**1.20E-07**	**-2.40E-07**	**-1.40E-07**	**-1.40E-07**

Licensee Comments: none

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (ΔCDF)	1.82E-07	1.81E-07	1.41E-07	1.21E-07	9.94E-08	9.57E-08	7.60E-08	7.07E-08
URI (ΔCDF)	1.03E-07	1.03E-07	5.19E-07	5.19E-07	5.19E-07	5.19E-07	2.12E-07	2.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.80E-07**	**2.80E-07**	**6.60E-07**	**6.40E-07**	**6.20E-07**	**6.10E-07**	**2.90E-07**	**2.80E-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	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	1.57E-07	4.44E-07	5.06E-07	5.07E-07	3.04E-07	1.45E-07	5.68E-09	-8.86E-09
URI (ΔCDF)	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-9.65E-08	-9.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.20E-08**	**3.20E-07**	**3.80E-07**	**3.80E-07**	**1.80E-07**	**1.90E-08**	**-9.10E-08**	**-1.10E-07**

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	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	-2.94E-08	-2.51E-08	-2.30E-08	-2.41E-08	-3.38E-09	-9.75E-09	-1.98E-08	-2.86E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.10E-08**	**-6.70E-08**	**-6.50E-08**	**-6.60E-08**	**-4.50E-08**	**-5.20E-08**	**-5.00E-08**	**-5.90E-08**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**
Maximum activity	0.000618	0.000731	0.000750	0.000868	0.000844	0.000849	N/A	N/A	0.000334	0.000542	0.000300	0.000266
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	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**N/A**	**0**	**0.1**	**0**	**0**

Reactor Coolant System Activity	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**
Maximum activity	0.000229	0.000315	0.000375	0.000279	0.000295	0.000289	0.000473	0.000427	0.000384	0.000473	0.001361	0.000460
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**	**0.1**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**
Maximum leakage	0.039	0.038	0.031	0.022	0.076	0.121	N/A	N/A	0.180	0.107	0.124	0.058
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	**0.4**	**0.4**	**0.3**	**0.2**	**0.8**	**1.2**	**N/A**	**N/A**	**1.8**	**1.1**	**1.2**	**0.6**
Reactor Coolant System Leakage	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**
Maximum leakage	0.314	0.036	0.041	0.039	0.044	0.038	0.050	0.038	0.050	0.055	0.043	0.053
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	**3.1**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.6**	**0.4**	**0.5**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	13.0	28.0	16.0	39.0	18.0	48.0	12.0	38.0
Total opportunities	15.0	29.0	16.0	40.0	18.0	50.0	12.0	38.0
Indicator value	**95.2%**	**94.7%**	**95.2%**	**95.1%**	**96.2%**	**95.5%**	**95.7%**	**97.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	132.0	127.0	130.0	136.0	135.0	133.0	132.0	130.0
Total Key personnel	137.0	138.0	140.0	139.0	140.0	133.0	132.0	130.0
Indicator value	**96.4%**	**92.0%**	**92.9%**	**97.8%**	**96.4%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	1749	1753	1751	1753	1752	1753	1686	1750
Total sirens-tests	1755	1755	1755	1755	1755	1755	1690	1755
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments:

4Q/11: editorial correction. no threshold change

4Q/10: corrected editorial error. There was no threshold change.

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
High radiation area occurrences	1	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	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: October 24, 2012

Oconee 1

4Q/2012 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1976.6	553.6	2208.0	2209.0	2183.0	2184.0	2162.1	1412.4
Indicator value	**0.8**	**1.0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned power changes	1.0	0	0	0	0	0	1.0	0
Critical hours	1976.6	553.6	2208.0	2209.0	2183.0	2184.0	2162.1	1412.4
Indicator value	**1.6**	**2.0**	**2.0**	**1.0**	**0**	**0**	**0.8**	**0.9**

Licensee Comments:

3Q/12: Investigate and Repair RCS leakage. PIP O-12-08357

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**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)	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	**0**	**0**	**1**	**1**	**1**	**1**	**0**	**0**

Licensee Comments:

3Q/11: Unit 1 LER 269/2011-05, Reactor Protection System Overpower Flux/Flow Imbalance Channels Inoperable

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/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	6.36E-07	5.98E-07	4.57E-07	5.01E-07	-2.76E-08	3.45E-08	3.64E-08	3.33E-08
URI (ΔCDF)	-2.04E-06	-2.04E-06	-1.86E-06	-1.86E-06	-2.04E-06	-3.27E-07	-3.27E-07	-3.27E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**	**-2.10E-06**	**-2.90E-07**	**-2.90E-07**	**-2.90E-07**

Licensee Comments:

1Q/12: Changed PRA Parameter(s). Grayed unckecked MSPI & URI being investigated, no errors in Deriavtion Reports

4Q/11: Changed PRA Parameter(s).

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: 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	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	-2.67E-08	-2.58E-08	-3.16E-08	-3.16E-08	-6.19E-08	-7.59E-10	-7.59E-10	-7.59E-10
URI (ΔCDF)	2.50E-07	2.50E-07	1.50E-07	1.50E-07	-1.73E-07	-1.34E-07	-1.34E-07	-1.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**2.20E-07**	**1.20E-07**	**1.20E-07**	**-2.40E-07**	**-1.40E-07**	**-1.40E-07**	**-1.40E-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	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	1.81E-07	1.41E-07	1.21E-07	9.94E-08	9.57E-08	7.60E-08	7.07E-08	6.97E-08
URI (ΔCDF)	1.03E-07	5.19E-07	5.19E-07	5.19E-07	5.19E-07	2.12E-07	2.12E-07	2.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.80E-07**	**6.60E-07**	**6.40E-07**	**6.20E-07**	**6.10E-07**	**2.90E-07**	**2.80E-07**	**2.80E-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	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	4.44E-07	5.06E-07	5.07E-07	3.04E-07	1.45E-07	5.68E-09	-8.86E-09	1.86E-07
URI (ΔCDF)	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-9.65E-08	-9.65E-08	-9.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.20E-07**	**3.80E-07**	**3.80E-07**	**1.80E-07**	**1.90E-08**	**-9.10E-08**	**-1.10E-07**	**9.00E-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	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**
UAI (ΔCDF)	-2.51E-08	-2.30E-08	-2.41E-08	-3.38E-09	-9.75E-09	-1.98E-08	-2.86E-08	-2.64E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.70E-08**	**-6.50E-08**	**-6.60E-08**	**-4.50E-08**	**-5.20E-08**	**-5.00E-08**	**-5.90E-08**	**-5.60E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**
Maximum activity	0.000868	0.000844	0.000849	N/A	N/A	0.000334	0.000542	0.000300	0.000266	0.000229	0.000315	0.000375
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	**0.1**	**0.1**	**0.1**	**N/A**	**N/A**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**
Maximum activity	0.000279	0.000295	0.000289	0.000473	0.000427	0.000384	0.000473	0.001361	0.000460	0.000398	N/A	0.000113
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**	**0.1**	**0**	**0**	**N/A**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	0.022	0.076	0.121	N/A	N/A	0.180	0.107	0.124	0.058	0.314	0.036	0.041
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**	**0.8**	**1.2**	**N/A**	**N/A**	**1.8**	**1.1**	**1.2**	**0.6**	**3.1**	**0.4**	**0.4**

Reactor Coolant System Leakage	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum leakage	0.039	0.044	0.038	0.050	0.038	0.050	0.055	0.043	0.053	0.044	0	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	**0.4**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.6**	**0.4**	**0.5**	**0.4**	**0**	**0.5**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	28.0	16.0	39.0	18.0	48.0	12.0	38.0	26.0
Total opportunities	29.0	16.0	40.0	18.0	50.0	12.0	38.0	26.0
Indicator value	**94.7%**	**95.2%**	**95.1%**	**96.2%**	**95.5%**	**95.7%**	**97.2%**	**98.3%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Participating Key personnel	127.0	130.0	136.0	135.0	133.0	132.0	130.0	124.0
Total Key personnel	138.0	140.0	139.0	140.0	133.0	132.0	130.0	124.0
Indicator value	**92.0%**	**92.9%**	**97.8%**	**96.4%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	1753	1751	1753	1752	1753	1686	1750	1815
Total sirens-tests	1755	1755	1755	1755	1755	1690	1755	1820
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments:

4Q/11: editorial correction. no threshold change

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
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	**1**	**1**	**1**	**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/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Last Modified: January 23, 2013

Oconee 1

1Q/2013 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/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	553.6	2208.0	2209.0	2183.0	2184.0	2162.1	1412.4	2159.0
Indicator value	**1.0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	553.6	2208.0	2209.0	2183.0	2184.0	2162.1	1412.4	2159.0
Indicator value	**2.0**	**2.0**	**1.0**	**0**	**0**	**0.8**	**0.9**	**0.9**

Licensee Comments:

3Q/12: Investigate and Repair RCS leakage. PIP O-12-08357

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	**0**	**1**	**1**	**1**	**1**	**0**	**0**	**0**

Licensee Comments:

3Q/11: Unit 1 LER 269/2011-05, Reactor Protection System Overpower Flux/Flow Imbalance Channels Inoperable

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/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	5.98E-07	4.57E-07	5.01E-07	-2.76E-08	3.45E-08	3.64E-08	3.33E-08	5.98E-08
URI (ΔCDF)	-2.04E-06	-1.86E-06	-1.86E-06	-2.04E-06	-3.27E-07	-3.27E-07	-2.92E-07	-2.92E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-06**	**-1.40E-06**	**-1.40E-06**	**-2.10E-06**	**-2.90E-07**	**-2.90E-07**	**-2.60E-07**	**-2.30E-07**

Licensee Comments:

1Q/12: Changed PRA Parameter(s). Grayed unckecked MSPI & URI being investigated, no errors in Deriavtion Reports

4Q/11: Changed PRA Parameter(s).

3Q/11: Changed PRA Parameter(s).

2Q/11: 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/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-2.58E-08	-3.16E-08	-3.16E-08	-6.19E-08	-7.59E-10	-7.59E-10	-7.59E-10	-2.63E-10
URI (ΔCDF)	2.50E-07	1.50E-07	1.50E-07	-1.73E-07	-1.34E-07	-1.34E-07	-1.34E-07	-1.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**1.20E-07**	**1.20E-07**	**-2.40E-07**	**-1.40E-07**	**-1.40E-07**	**-1.40E-07**	**-1.30E-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	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (ΔCDF)	1.41E-07	1.21E-07	9.94E-08	9.57E-08	7.60E-08	7.07E-08	6.97E-08	7.12E-08
URI (ΔCDF)	5.19E-07	5.19E-07	5.19E-07	5.19E-07	2.12E-07	2.12E-07	2.12E-07	2.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.60E-07**	**6.40E-07**	**6.20E-07**	**6.10E-07**	**2.90E-07**	**2.80E-07**	**2.80E-07**	**2.80E-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	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	5.06E-07	5.07E-07	3.04E-07	1.45E-07	5.68E-09	-8.86E-09	1.86E-07	2.32E-07
URI (ΔCDF)	-1.25E-07	-1.25E-07	-1.25E-07	-1.25E-07	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.80E-07**	**3.80E-07**	**1.80E-07**	**1.90E-08**	**-9.10E-08**	**-1.10E-07**	**9.00E-08**	**1.40E-07**

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	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-2.30E-08	-2.41E-08	-3.38E-09	-9.75E-09	-1.98E-08	-2.86E-08	-2.64E-08	-1.79E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-4.20E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**-6.60E-08**	**-4.50E-08**	**-5.20E-08**	**-5.00E-08**	**-5.90E-08**	**-5.60E-08**	**-4.80E-08**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**
Maximum activity	N/A	N/A	0.000334	0.000542	0.000300	0.000266	0.000229	0.000315	0.000375	0.000279	0.000295	0.000289
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	**N/A**	**N/A**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum activity	0.000473	0.000427	0.000384	0.000473	0.001361	0.000460	0.000398	N/A	0.000113	0.000090	0.000130	0.000396
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**	**0.1**	**0**	**0**	**N/A**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	N/A	N/A	0.180	0.107	0.124	0.058	0.314	0.036	0.041	0.039	0.044	0.038
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	**N/A**	**N/A**	**1.8**	**1.1**	**1.2**	**0.6**	**3.1**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**

Reactor Coolant System Leakage	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum leakage	0.050	0.038	0.050	0.055	0.043	0.053	0.044	0	0.054	0.043	0.037	0.036
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	**0.5**	**0.4**	**0.5**	**0.6**	**0.4**	**0.5**	**0.4**	**0**	**0.5**	**0.4**	**0.4**	**0.4**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	16.0	39.0	18.0	48.0	12.0	38.0	26.0	40.0
Total opportunities	16.0	40.0	18.0	50.0	12.0	38.0	26.0	44.0
Indicator value	**95.2%**	**95.1%**	**96.2%**	**95.5%**	**95.7%**	**97.2%**	**98.3%**	**97.1%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	130.0	136.0	135.0	133.0	132.0	130.0	124.0	130.0
Total Key personnel	140.0	139.0	140.0	133.0	132.0	130.0	124.0	130.0
Indicator value	**92.9%**	**97.8%**	**96.4%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	1751	1753	1752	1753	1686	1750	1815	1685
Total sirens-tests	1755	1755	1755	1755	1690	1755	1820	1690
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**

Licensee Comments:

4Q/11: editorial correction. no threshold change

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
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	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: April 23, 2013

Oconee 1

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2162.1	1412.4	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2162.1	1412.4	2159.0	2184.0
Indicator value	**2.0**	**1.0**	**0**	**0**	**0.8**	**0.9**	**0.9**	**0.9**

Licensee Comments:

3Q/12: Investigate and Repair RCS leakage. PIP O-12-08357

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Safety System Functional Failures	1	0	0	0	0	0	0	1
Indicator value	**1**	**1**	**1**	**1**	**0**	**0**	**0**	**1**

Licensee Comments:

3Q/11: Unit 1 LER 269/2011-05, Reactor Protection System Overpower Flux/Flow Imbalance Channels Inoperable

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/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	4.57E-07	5.01E-07	-2.76E-08	3.45E-08	3.64E-08	3.33E-08	5.98E-08	7.60E-08
URI (ΔCDF)	-1.86E-06	-1.86E-06	-2.04E-06	-3.27E-07	-3.27E-07	-2.92E-07	-2.92E-07	-2.92E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-06**	**-1.40E-06**	**-2.10E-06**	**-2.90E-07**	**-2.90E-07**	**-2.60E-07**	**-2.30E-07**	**-2.20E-07**

Licensee Comments:

1Q/12: Changed PRA Parameter(s). Grayed unckecked MSPI & URI being investigated, no errors in Deriavtion Reports

4Q/11: Changed PRA Parameter(s).

3Q/11: 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	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	-3.16E-08	-3.16E-08	-6.19E-08	-7.59E-10	-7.59E-10	-7.59E-10	-2.63E-10	-2.63E-10
URI (ΔCDF)	1.50E-07	1.50E-07	-1.73E-07	-1.34E-07	-1.34E-07	-1.34E-07	1.34E-07	1.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.20E-07**	**1.20E-07**	**-2.40E-07**	**-1.40E-07**	**-1.40E-07**	**-1.40E-07**	**1.30E-07**	**1.30E-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/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (ΔCDF)	1.21E-07	9.94E-08	9.57E-08	7.60E-08	7.07E-08	6.97E-08	7.12E-08	7.34E-08
URI (ΔCDF)	5.19E-07	5.19E-07	5.19E-07	2.12E-07	2.12E-07	2.12E-07	2.12E-07	2.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.40E-07**	**6.20E-07**	**6.10E-07**	**2.90E-07**	**2.80E-07**	**2.80E-07**	**2.80E-07**	**2.80E-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/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	5.07E-07	3.04E-07	1.45E-07	5.68E-09	-8.86E-09	1.86E-07	2.32E-07	2.68E-07
URI (ΔCDF)	-1.25E-07	-1.25E-07	-1.25E-07	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.80E-07**	**1.80E-07**	**1.90E-08**	**-9.10E-08**	**-1.10E-07**	**9.00E-08**	**1.40E-07**	**1.70E-07**

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/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	-2.41E-08	-3.38E-09	-9.75E-09	-1.98E-08	-2.86E-08	-2.64E-08	-1.79E-08	-2.07E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-4.20E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.60E-08**	**-4.50E-08**	**-5.20E-08**	**-5.00E-08**	**-5.90E-08**	**-5.60E-08**	**-4.80E-08**	**-5.10E-08**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**
Maximum activity	0.000542	0.000300	0.000266	0.000229	0.000315	0.000375	0.000279	0.000295	0.000289	0.000473	0.000427	0.000384
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	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**
Maximum activity	0.000473	0.001361	0.000460	0.000398	N/A	0.000113	0.000090	0.000130	0.000396	0.000365	0.000141	0.000137
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**	**0.1**	**0**	**0**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**
Maximum leakage	0.107	0.124	0.058	0.314	0.036	0.041	0.039	0.044	0.038	0.050	0.038	0.050
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	**1.1**	**1.2**	**0.6**	**3.1**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**
Reactor Coolant System Leakage	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**
Maximum leakage	0.055	0.043	0.053	0.044	0	0.054	0.043	0.037	0.036	0.037	0.027	0.046
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**	**0.4**	**0.5**	**0.4**	**0**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.5**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful opportunities	39.0	18.0	48.0	12.0	38.0	26.0	40.0	41.0
Total opportunities	40.0	18.0	50.0	12.0	38.0	26.0	44.0	43.0
Indicator value	**95.1%**	**96.2%**	**95.5%**	**95.7%**	**97.2%**	**98.3%**	**97.1%**	**96.7%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Participating Key personnel	136.0	135.0	133.0	132.0	130.0	124.0	130.0	130.0
Total Key personnel	139.0	140.0	133.0	132.0	130.0	124.0	130.0	130.0
Indicator value	**97.8%**	**96.4%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful siren-tests	1753	1752	1753	1686	1750	1815	1685	1748
Total sirens-tests	1755	1755	1755	1690	1755	1820	1690	1755
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**

Licensee Comments:

4Q/11: editorial correction. no threshold change

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
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	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: August 19, 2013

Oconee 1

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2183.0	2184.0	2162.1	1412.4	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2209.0	2183.0	2184.0	2162.1	1412.4	2159.0	2184.0	2208.0
Indicator value	**1.0**	**0**	**0**	**0.8**	**0.9**	**0.9**	**0.9**	**0**

Licensee Comments:

3Q/12: Investigate and Repair RCS leakage. PIP O-12-08357

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Safety System Functional Failures	0	0	0	0	0	0	1	1
Indicator value	**1**	**1**	**1**	**0**	**0**	**0**	**1**	**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	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	5.01E-07	-2.76E-08	3.45E-08	3.64E-08	3.33E-08	5.98E-08	7.60E-08	3.40E-08
URI (ΔCDF)	-1.86E-06	-2.04E-06	-3.27E-07	-3.27E-07	-2.92E-07	-2.92E-07	-2.92E-07	-1.08E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-06**	**-2.10E-06**	**-2.90E-07**	**-2.90E-07**	**-2.60E-07**	**-2.30E-07**	**-2.20E-07**	**-7.40E-08**

Licensee Comments:

1Q/12: Changed PRA Parameter(s). Grayed unckecked MSPI & URI being investigated, no errors in Deriavtion Reports

4Q/11: 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	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	-3.16E-08	-6.19E-08	-7.59E-10	-7.59E-10	-7.59E-10	-2.63E-10	-2.63E-10	-2.63E-10
URI (ΔCDF)	1.50E-07	-1.73E-07	-1.34E-07	-1.34E-07	-1.34E-07	1.34E-07	1.34E-07	1.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.20E-07**	**-2.40E-07**	**-1.40E-07**	**-1.40E-07**	**-1.40E-07**	**1.30E-07**	**1.30E-07**	**1.30E-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	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (ΔCDF)	9.94E-08	9.57E-08	7.60E-08	7.07E-08	6.97E-08	7.12E-08	7.34E-08	4.45E-08
URI (ΔCDF)	5.19E-07	5.19E-07	2.12E-07	2.12E-07	2.12E-07	2.12E-07	2.12E-07	2.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.20E-07**	**6.10E-07**	**2.90E-07**	**2.80E-07**	**2.80E-07**	**2.80E-07**	**2.80E-07**	**2.60E-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	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	3.04E-07	1.45E-07	5.68E-09	-8.86E-09	1.86E-07	2.32E-07	2.68E-07	3.42E-07
URI (ΔCDF)	-1.25E-07	-1.25E-07	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	1.41E-07	1.41E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-07**	**1.90E-08**	**-9.10E-08**	**-1.10E-07**	**9.00E-08**	**1.40E-07**	**4.10E-07**	**4.80E-07**

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	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	-3.38E-09	-9.75E-09	-1.98E-08	-2.86E-08	-2.64E-08	-1.79E-08	-2.07E-08	-2.32E-08
URI (ΔCDF)	-4.20E-08	-4.20E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.50E-08**	**-5.20E-08**	**-5.00E-08**	**-5.90E-08**	**-5.60E-08**	**-4.80E-08**	**-5.10E-08**	**-5.30E-08**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**
Maximum activity	0.000229	0.000315	0.000375	0.000279	0.000295	0.000289	0.000473	0.000427	0.000384	0.000473	0.001361	0.000460
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**	**0.1**	**0**

Reactor Coolant System Activity	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**
Maximum activity	0.000398	N/A	0.000113	0.000090	0.000130	0.000396	0.000365	0.000141	0.000137	0.000159	0.000166	0.000154
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**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum leakage	0.314	0.036	0.041	0.039	0.044	0.038	0.050	0.038	0.050	0.055	0.043	0.053
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	**3.1**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.6**	**0.4**	**0.5**
Reactor Coolant System Leakage	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**
Maximum leakage	0.044	0	0.054	0.043	0.037	0.036	0.037	0.027	0.046	0.038	0.042	0.051
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	**0.4**	**0**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.5**	**0.4**	**0.4**	**0.5**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful opportunities	18.0	48.0	12.0	38.0	26.0	40.0	41.0	33.0
Total opportunities	18.0	50.0	12.0	38.0	26.0	44.0	43.0	34.0
Indicator value	**96.2%**	**95.5%**	**95.7%**	**97.2%**	**98.3%**	**97.1%**	**96.7%**	**96.6%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Participating Key personnel	135.0	133.0	132.0	130.0	124.0	130.0	130.0	133.0
Total Key personnel	140.0	133.0	132.0	130.0	124.0	130.0	130.0	133.0
Indicator value	**96.4%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful siren-tests	1752	1753	1686	1750	1815	1685	1748	1816
Total sirens-tests	1755	1755	1690	1755	1820	1690	1755	1820
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments:

4Q/11: editorial correction. no threshold change

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: October 22, 2013

Oconee 1

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2184.0	2162.1	1412.4	2159.0	2184.0	2208.0	1722.3
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned power changes	0	0	1.0	0	0	0	0	1.0
Critical hours	2183.0	2184.0	2162.1	1412.4	2159.0	2184.0	2208.0	1722.3
Indicator value	**0**	**0**	**0.8**	**0.9**	**0.9**	**0.9**	**0**	**0.8**

Licensee Comments:

3Q/12: Investigate and Repair RCS leakage. PIP O-12-08357

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	0	0	0	0	0	1	1	0
Indicator value	**1**	**1**	**0**	**0**	**0**	**1**	**2**	**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/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	-2.76E-08	3.45E-08	3.64E-08	3.33E-08	5.98E-08	7.60E-08	3.40E-08	4.19E-08
URI (ΔCDF)	-2.04E-06	-3.27E-07	-3.27E-07	-2.92E-07	-2.92E-07	-2.92E-07	1.04E-07	1.32E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-06**	**-2.90E-07**	**-2.90E-07**	**-2.60E-07**	**-2.30E-07**	**-2.20E-07**	**1.40E-07**	**1.70E-07**

Licensee Comments:

1Q/12: Changed PRA Parameter(s). Grayed unckecked MSPI & URI being investigated, no errors in Deriavtion Reports

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/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	-6.19E-08	-7.59E-10	-7.59E-10	-7.59E-10	-2.63E-10	-2.63E-10	-2.63E-10	-2.53E-10
URI (ΔCDF)	-1.73E-07	-1.34E-07	-1.34E-07	-1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.40E-07**	**-1.40E-07**	**-1.40E-07**	**-1.40E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-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	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (ΔCDF)	9.57E-08	7.60E-08	7.07E-08	6.97E-08	7.12E-08	7.34E-08	4.45E-08	1.06E-07
URI (ΔCDF)	5.19E-07	2.12E-07	2.12E-07	2.12E-07	2.12E-07	2.12E-07	2.12E-07	3.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.10E-07**	**2.90E-07**	**2.80E-07**	**2.80E-07**	**2.80E-07**	**2.80E-07**	**2.60E-07**	**1.40E-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	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	1.45E-07	5.68E-09	-8.86E-09	1.86E-07	2.32E-07	2.68E-07	3.42E-07	3.46E-07
URI (ΔCDF)	-1.25E-07	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	1.41E-07	1.41E-07	1.41E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-08**	**-9.10E-08**	**-1.10E-07**	**9.00E-08**	**1.40E-07**	**4.10E-07**	**4.80E-07**	**4.90E-07**

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	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	-9.75E-09	-1.98E-08	-2.86E-08	-2.64E-08	-1.79E-08	-2.07E-08	-2.32E-08	-2.56E-08
URI (ΔCDF)	-4.20E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.20E-08**	**-5.00E-08**	**-5.90E-08**	**-5.60E-08**	**-4.80E-08**	**-5.10E-08**	**-5.30E-08**	**-5.60E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**
Maximum activity	0.000279	0.000295	0.000289	0.000473	0.000427	0.000384	0.000473	0.001361	0.000460	0.000398	N/A	0.000113
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**	**0.1**	**0**	**0**	**N/A**	**0**

Reactor Coolant System Activity	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**
Maximum activity	0.000090	0.000130	0.000396	0.000365	0.000141	0.000137	0.000159	0.000166	0.000154	0.000152	0.000180	0.000222
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**
Maximum leakage	0.039	0.044	0.038	0.050	0.038	0.050	0.055	0.043	0.053	0.044	0	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	**0.4**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**	**0.6**	**0.4**	**0.5**	**0.4**	**0**	**0.5**
Reactor Coolant System Leakage	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**
Maximum leakage	0.043	0.037	0.036	0.037	0.027	0.046	0.038	0.042	0.051	0.030	0.126	0.028
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	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.5**	**0.4**	**0.4**	**0.5**	**0.3**	**1.3**	**0.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	48.0	12.0	38.0	26.0	40.0	41.0	33.0	36.0
Total opportunities	50.0	12.0	38.0	26.0	44.0	43.0	34.0	36.0
Indicator value	**95.5%**	**95.7%**	**97.2%**	**98.3%**	**97.1%**	**96.7%**	**96.6%**	**96.8%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Participating Key personnel	133.0	132.0	130.0	124.0	130.0	130.0	133.0	148.0
Total Key personnel	133.0	132.0	130.0	124.0	130.0	130.0	133.0	148.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	1753	1686	1750	1815	1685	1748	1816	1743
Total sirens-tests	1755	1690	1755	1820	1690	1755	1820	1750
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: January 22, 2014

Oconee 1

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2162.1	1412.4	2159.0	2184.0	2208.0	1722.3	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned power changes	0	1.0	0	0	0	0	1.0	0
Critical hours	2184.0	2162.1	1412.4	2159.0	2184.0	2208.0	1722.3	2159.0
Indicator value	**0**	**0.8**	**0.9**	**0.9**	**0.9**	**0**	**0.8**	**0.8**

Licensee Comments:

3Q/12: Investigate and Repair RCS leakage. PIP O-12-08357

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Safety System Functional Failures	0	0	0	0	1	1	0	0
Indicator value	**1**	**0**	**0**	**0**	**1**	**2**	**2**	**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	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	3.45E-08	3.64E-08	3.33E-08	5.98E-08	7.60E-08	3.40E-08	4.19E-08	8.17E-08
URI (ΔCDF)	-3.27E-07	-3.27E-07	-2.92E-07	-2.92E-07	-2.92E-07	1.04E-07	1.32E-07	1.32E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-07**	**-2.90E-07**	**-2.60E-07**	**-2.30E-07**	**-2.20E-07**	**1.40E-07**	**1.70E-07**	**2.10E-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	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	-7.59E-10	-7.59E-10	-7.59E-10	-2.63E-10	-2.63E-10	-2.63E-10	-2.53E-10	-2.57E-10
URI (ΔCDF)	-1.34E-07	-1.34E-07	-1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-07**	**-1.40E-07**	**-1.40E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-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	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	7.60E-08	7.07E-08	6.97E-08	7.12E-08	7.34E-08	4.45E-08	1.06E-07	8.61E-09
URI (ΔCDF)	2.12E-07	2.12E-07	2.12E-07	2.12E-07	2.12E-07	2.12E-07	3.60E-08	3.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.90E-07**	**2.80E-07**	**2.80E-07**	**2.80E-07**	**2.80E-07**	**2.60E-07**	**1.40E-07**	**4.50E-08**

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	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	5.68E-09	-8.86E-09	1.86E-07	2.32E-07	2.68E-07	3.42E-07	3.46E-07	1.64E-07
URI (ΔCDF)	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.10E-08**	**-1.10E-07**	**9.00E-08**	**1.40E-07**	**1.70E-07**	**2.50E-07**	**2.50E-07**	**6.80E-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	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	-1.98E-08	-2.86E-08	-2.64E-08	-1.79E-08	-2.07E-08	-2.32E-08	-2.56E-08	-1.61E-08
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.00E-08**	**-5.90E-08**	**-5.60E-08**	**-4.80E-08**	**-5.10E-08**	**-5.30E-08**	**-5.60E-08**	**-4.60E-08**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum activity	0.000473	0.000427	0.000384	0.000473	0.001361	0.000460	0.000398	N/A	0.000113	0.000090	0.000130	0.000396
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**	**0.1**	**0**	**0**	**N/A**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum activity	0.000365	0.000141	0.000137	0.000159	0.000166	0.000154	0.000152	0.000180	0.000222	0.000218	0.000188	0.000185
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum leakage	0.050	0.038	0.050	0.055	0.043	0.053	0.044	0	0.054	0.043	0.037	0.036
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	**0.5**	**0.4**	**0.5**	**0.6**	**0.4**	**0.5**	**0.4**	**0**	**0.5**	**0.4**	**0.4**	**0.4**
Reactor Coolant System Leakage	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum leakage	0.037	0.027	0.046	0.038	0.042	0.051	0.030	0.126	0.028	0.057	0.026	0.042
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	**0.4**	**0.3**	**0.5**	**0.4**	**0.4**	**0.5**	**0.3**	**1.3**	**0.3**	**0.6**	**0.3**	**0.4**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	12.0	38.0	26.0	40.0	41.0	33.0	36.0	66.0
Total opportunities	12.0	38.0	26.0	44.0	43.0	34.0	36.0	68.0
Indicator value	**95.7%**	**97.2%**	**98.3%**	**97.1%**	**96.7%**	**96.6%**	**96.8%**	**97.0%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Participating Key personnel	132.0	130.0	124.0	130.0	130.0	133.0	148.0	150.0
Total Key personnel	132.0	130.0	124.0	130.0	130.0	133.0	148.0	150.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	1686	1750	1815	1685	1748	1816	1743	1741
Total sirens-tests	1690	1755	1820	1690	1755	1820	1750	1750
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.6%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: April 23, 2014

Oconee 1

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2162.1	1412.4	2159.0	2184.0	2208.0	1722.3	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned power changes	1.0	0	0	0	0	1.0	0	0
Critical hours	2162.1	1412.4	2159.0	2184.0	2208.0	1722.3	2159.0	2184.0
Indicator value	**0.8**	**0.9**	**0.9**	**0.9**	**0**	**0.8**	**0.8**	**0.8**

Licensee Comments:

3Q/12: Investigate and Repair RCS leakage. PIP O-12-08357

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Safety System Functional Failures	0	0	0	1	1	0	0	0
Indicator value	**0**	**0**	**0**	**1**	**2**	**2**	**2**	**1**

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/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	3.64E-08	3.33E-08	5.98E-08	7.60E-08	3.40E-08	4.19E-08	8.17E-08	7.71E-08
URI (ΔCDF)	-3.27E-07	-2.92E-07	-2.92E-07	-2.92E-07	1.04E-07	1.32E-07	1.32E-07	1.59E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-07**	**-2.60E-07**	**-2.30E-07**	**-2.20E-07**	**1.40E-07**	**1.70E-07**	**2.10E-07**	**2.40E-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	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	-7.59E-10	-7.59E-10	-2.63E-10	-2.63E-10	-2.63E-10	-2.53E-10	-2.57E-10	-2.90E-10
URI (ΔCDF)	-1.34E-07	-1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-07**	**-1.40E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-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/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (ΔCDF)	7.07E-08	6.97E-08	7.12E-08	7.34E-08	4.45E-08	1.06E-07	8.61E-09	1.63E-07
URI (ΔCDF)	2.12E-07	2.12E-07	2.12E-07	2.12E-07	2.12E-07	3.60E-08	3.60E-08	-7.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.80E-07**	**2.80E-07**	**2.80E-07**	**2.80E-07**	**2.60E-07**	**1.40E-07**	**4.50E-08**	**8.30E-08**

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/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	-8.86E-09	1.86E-07	2.32E-07	2.68E-07	3.42E-07	3.46E-07	1.64E-07	1.43E-07
URI (ΔCDF)	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-07**	**9.00E-08**	**1.40E-07**	**1.70E-07**	**2.50E-07**	**2.50E-07**	**6.80E-08**	**4.60E-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/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	-2.86E-08	-2.64E-08	-1.79E-08	-2.07E-08	-2.32E-08	-2.56E-08	-1.61E-08	-2.53E-08
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.90E-08**	**-5.60E-08**	**-4.80E-08**	**-5.10E-08**	**-5.30E-08**	**-5.60E-08**	**-4.60E-08**	**-5.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**
Maximum activity	0.000473	0.001361	0.000460	0.000398	N/A	0.000113	0.000090	0.000130	0.000396	0.000365	0.000141	0.000137
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**	**0.1**	**0**	**0**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**
Maximum activity	0.000159	0.000166	0.000154	0.000152	0.000180	0.000222	0.000218	0.000188	0.000185	0.000262	0.000233	0.000231
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**
Maximum leakage	0.055	0.043	0.053	0.044	0	0.054	0.043	0.037	0.036	0.037	0.027	0.046
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**	**0.4**	**0.5**	**0.4**	**0**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.5**
Reactor Coolant System Leakage	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**
Maximum leakage	0.038	0.042	0.051	0.030	0.126	0.028	0.057	0.026	0.042	0.100	0.068	0.034
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	**0.4**	**0.4**	**0.5**	**0.3**	**1.3**	**0.3**	**0.6**	**0.3**	**0.4**	**1.0**	**0.7**	**0.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful opportunities	38.0	26.0	40.0	41.0	33.0	36.0	66.0	10.0
Total opportunities	38.0	26.0	44.0	43.0	34.0	36.0	68.0	10.0
Indicator value	**97.2%**	**98.3%**	**97.1%**	**96.7%**	**96.6%**	**96.8%**	**97.0%**	**97.0%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Participating Key personnel	130.0	124.0	130.0	130.0	133.0	148.0	150.0	151.0
Total Key personnel	130.0	124.0	130.0	130.0	133.0	148.0	150.0	151.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful siren-tests	1750	1815	1685	1748	1816	1743	1741	1686
Total sirens-tests	1755	1820	1690	1755	1820	1750	1750	1690
Indicator value	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.6%**	**99.7%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: July 31, 2014

Oconee 1

3Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1412.4	2159.0	2184.0	2208.0	1722.3	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	1412.4	2159.0	2184.0	2208.0	1722.3	2159.0	2184.0	2208.0
Indicator value	**0.9**	**0.9**	**0.9**	**0**	**0.8**	**0.8**	**0.8**	**0.8**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Safety System Functional Failures	0	0	1	1	0	0	0	0
Indicator value	**0**	**0**	**1**	**2**	**2**	**2**	**1**	**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	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	3.33E-08	5.98E-08	7.60E-08	3.40E-08	4.19E-08	8.17E-08	7.71E-08	1.17E-07
URI (ΔCDF)	-2.92E-07	-2.92E-07	-2.92E-07	1.04E-07	1.32E-07	1.32E-07	1.32E-07	1.04E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.60E-07**	**-2.30E-07**	**-2.20E-07**	**1.40E-07**	**1.70E-07**	**2.10E-07**	**2.10E-07**	**2.20E-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	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	-7.59E-10	-2.63E-10	-2.63E-10	-2.63E-10	-2.53E-10	-2.57E-10	-2.90E-10	-2.90E-10
URI (ΔCDF)	-1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-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	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (ΔCDF)	6.97E-08	7.12E-08	7.34E-08	4.45E-08	1.06E-07	8.61E-09	1.63E-07	1.33E-07
URI (ΔCDF)	2.12E-07	2.12E-07	2.12E-07	2.12E-07	3.60E-08	3.60E-08	-7.95E-08	-7.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.80E-07**	**2.80E-07**	**2.80E-07**	**2.60E-07**	**1.40E-07**	**4.50E-08**	**8.30E-08**	**5.30E-08**

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	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	1.86E-07	2.32E-07	2.68E-07	3.42E-07	3.46E-07	1.64E-07	1.43E-07	1.61E-07
URI (ΔCDF)	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.00E-08**	**1.40E-07**	**1.70E-07**	**2.50E-07**	**2.50E-07**	**6.80E-08**	**4.60E-08**	**6.40E-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	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	-2.64E-08	-1.79E-08	-2.07E-08	-2.32E-08	-2.56E-08	-1.61E-08	-2.53E-08	-2.14E-08
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-08**	**-4.80E-08**	**-5.10E-08**	**-5.30E-08**	**-5.60E-08**	**-4.60E-08**	**-5.50E-08**	**-5.10E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**
Maximum activity	0.000398	N/A	0.000113	0.000090	0.000130	0.000396	0.000365	0.000141	0.000137	0.000159	0.000166	0.000154
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**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**
Maximum activity	0.000152	0.000180	0.000222	0.000218	0.000188	0.000185	0.000262	0.000233	0.000231	0.000253	0.000306	0.000260
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum leakage	0.044	0	0.054	0.043	0.037	0.036	0.037	0.027	0.046	0.038	0.042	0.051
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	**0.4**	**0**	**0.5**	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.5**	**0.4**	**0.4**	**0.5**
Reactor Coolant System Leakage	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**
Maximum leakage	0.030	0.126	0.028	0.057	0.026	0.042	0.100	0.068	0.034	0.044	0.069	0.061
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**	**1.3**	**0.3**	**0.6**	**0.3**	**0.4**	**1.0**	**0.7**	**0.3**	**0.4**	**0.7**	**0.6**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful opportunities	26.0	40.0	41.0	33.0	36.0	66.0	10.0	60.0
Total opportunities	26.0	44.0	43.0	34.0	36.0	68.0	10.0	61.0
Indicator value	**98.3%**	**97.1%**	**96.7%**	**96.6%**	**96.8%**	**97.0%**	**97.0%**	**96.9%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Participating Key personnel	124.0	130.0	130.0	133.0	148.0	150.0	151.0	146.0
Total Key personnel	124.0	130.0	130.0	133.0	148.0	150.0	151.0	146.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful siren-tests	1815	1685	1748	1816	1748	1681	1686	1818
Total sirens-tests	1820	1690	1755	1820	1755	1690	1690	1820
Indicator value	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.6%**	**99.7%**	**99.7%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: November 3, 2014

Oconee 1

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1722.3	2159.0	2184.0	2208.0	1405.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1722.3	2159.0	2184.0	2208.0	1405.0
Indicator value	**0.9**	**0.9**	**0**	**0.8**	**0.8**	**0.8**	**0.8**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Safety System Functional Failures	0	1	1	0	0	0	0	0
Indicator value	**0**	**1**	**2**	**2**	**2**	**1**	**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	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	5.98E-08	7.60E-08	3.40E-08	4.19E-08	8.17E-08	7.71E-08	1.17E-07	1.19E-07
URI (ΔCDF)							7.39E-08	7.39E-08
PLE	N/A	N/A	N/A	N/A	N/A	N/A	NO	NO
Indicator value							**1.90E-07**	**1.90E-07**

Licensee Comments:

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

3Q/14: Changed PRA Parameter(s).

2Q/14: Changed PRA Parameter(s).

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

3Q/13: Changed PRA Parameter(s).

2Q/13: Changed PRA Parameter(s).

1Q/13: 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	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	-2.63E-10	-2.63E-10	-2.63E-10	-2.53E-10	-2.57E-10	-2.90E-10	-2.90E-10	-2.74E-10
URI (ΔCDF)	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-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	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	7.12E-08	7.34E-08	4.45E-08	1.06E-07	8.61E-09	1.63E-07	1.33E-07	1.33E-07
URI (ΔCDF)	2.12E-07	2.12E-07	2.12E-07	3.60E-08	3.60E-08	-7.95E-08	-7.95E-08	-7.95E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.80E-07**	**2.80E-07**	**2.60E-07**	**1.40E-07**	**4.50E-08**	**8.30E-08**	**5.30E-08**	**5.30E-08**

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	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	2.32E-07	2.68E-07	3.42E-07	3.46E-07	1.64E-07	1.43E-07	1.61E-07	1.84E-07
URI (ΔCDF)	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-07**	**1.70E-07**	**2.50E-07**	**2.50E-07**	**6.80E-08**	**4.60E-08**	**6.40E-08**	**8.70E-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	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	-1.79E-08	-2.07E-08	-2.32E-08	-2.56E-08	-1.61E-08	-2.53E-08	-2.14E-08	-2.69E-08
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.80E-08**	**-5.10E-08**	**-5.30E-08**	**-5.60E-08**	**-4.60E-08**	**-5.50E-08**	**-5.10E-08**	**-5.70E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**
Maximum activity	0.000090	0.000130	0.000396	0.000365	0.000141	0.000137	0.000159	0.000166	0.000154	0.000152	0.000180	0.000222
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	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**
Maximum activity	0.000218	0.000188	0.000185	0.000262	0.000233	0.000231	0.000253	0.000306	0.000260	0.000212	0.000183	0.000091
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**
Maximum leakage	0.043	0.037	0.036	0.037	0.027	0.046	0.038	0.042	0.051	0.030	0.126	0.028
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	**0.4**	**0.4**	**0.4**	**0.4**	**0.3**	**0.5**	**0.4**	**0.4**	**0.5**	**0.3**	**1.3**	**0.3**
Reactor Coolant System Leakage	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**
Maximum leakage	0.057	0.026	0.042	0.100	0.068	0.034	0.044	0.069	0.061	0.057	0.030	0.074
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**	**0.3**	**0.4**	**1.0**	**0.7**	**0.3**	**0.4**	**0.7**	**0.6**	**0.6**	**0.3**	**0.7**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful opportunities	40.0	41.0	33.0	36.0	64.0	10.0	60.0	11.0
Total opportunities	44.0	43.0	34.0	36.0	66.0	10.0	61.0	12.0
Indicator value	**97.1%**	**96.7%**	**96.6%**	**96.8%**	**97.0%**	**97.0%**	**96.9%**	**96.4%**

Licensee Comments:

1Q/14: Editorial change. There was no color change.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Participating Key personnel	130.0	130.0	133.0	148.0	150.0	151.0	146.0	143.0
Total Key personnel	130.0	130.0	133.0	148.0	150.0	151.0	146.0	143.0
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/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful siren-tests	1685	1748	1816	1748	1681	1686	1818	1749
Total sirens-tests	1690	1755	1820	1755	1690	1690	1820	1755
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.6%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: February 3, 2015

Oconee 1

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1722.3	2159.0	2184.0	2208.0	1405.0	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2184.0	2208.0	1722.3	2159.0	2184.0	2208.0	1405.0	2159.0
Indicator value	**0.9**	**0**	**0.8**	**0.8**	**0.8**	**0.8**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Safety System Functional Failures	1	1	0	0	0	0	0	0
Indicator value	**1**	**2**	**2**	**2**	**1**	**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	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	7.60E-08	3.40E-08	4.19E-08	8.17E-08	7.71E-08	1.17E-07	1.19E-07	1.79E-07
URI (ΔCDF)			1.18E-07	1.18E-07	1.18E-07	7.39E-08	7.39E-08	1.22E-07
PLE	N/A	N/A	NO	NO	NO	NO	NO	NO
Indicator value			**1.60E-07**	**2.00E-07**	**2.00E-07**	**1.90E-07**	**1.90E-07**	**3.00E-07**

Licensee Comments:

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

3Q/14: Changed PRA Parameter(s).

2Q/14: Changed PRA Parameter(s).

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

3Q/13: Changed PRA Parameter(s).

2Q/13: 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/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	-2.63E-10	-2.63E-10	-2.53E-10	-2.57E-10	-2.90E-10	-2.90E-10	-2.74E-10	-1.50E-10
URI (ΔCDF)	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-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	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	7.34E-08	4.45E-08	1.06E-07	8.61E-09	1.63E-07	1.33E-07	1.33E-07	1.80E-07
URI (ΔCDF)	2.12E-07	2.12E-07	3.60E-08	3.60E-08	-7.95E-08	-7.95E-08	-7.95E-08	-8.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.80E-07**	**2.60E-07**	**1.40E-07**	**4.50E-08**	**8.30E-08**	**5.30E-08**	**5.30E-08**	**1.00E-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	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	2.68E-07	3.42E-07	3.46E-07	1.64E-07	1.43E-07	1.61E-07	1.84E-07	-3.35E-08
URI (ΔCDF)	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-1.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.70E-07**	**2.50E-07**	**2.50E-07**	**6.80E-08**	**4.60E-08**	**6.40E-08**	**8.70E-08**	**-1.50E-07**

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	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	-2.07E-08	-2.32E-08	-2.56E-08	-1.61E-08	-2.53E-08	-2.14E-08	-2.69E-08	-2.81E-08
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.10E-08**	**-5.30E-08**	**-5.60E-08**	**-4.60E-08**	**-5.50E-08**	**-5.10E-08**	**-5.70E-08**	**-5.80E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum activity	0.000365	0.000141	0.000137	0.000159	0.000166	0.000154	0.000152	0.000180	0.000222	0.000218	0.000188	0.000185
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	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum activity	0.000262	0.000233	0.000231	0.000253	0.000306	0.000260	0.000212	0.000183	0.000091	0.000099	0.000304	0.000167
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum leakage	0.037	0.027	0.046	0.038	0.042	0.051	0.030	0.126	0.028	0.057	0.026	0.042
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	**0.4**	**0.3**	**0.5**	**0.4**	**0.4**	**0.5**	**0.3**	**1.3**	**0.3**	**0.6**	**0.3**	**0.4**
Reactor Coolant System Leakage	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum leakage	0.100	0.068	0.034	0.044	0.069	0.061	0.057	0.030	0.074	0.042	0.063	0.233
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	**1.0**	**0.7**	**0.3**	**0.4**	**0.7**	**0.6**	**0.6**	**0.3**	**0.7**	**0.4**	**0.6**	**2.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful opportunities	41.0	33.0	36.0	64.0	10.0	60.0	11.0	32.0
Total opportunities	43.0	34.0	36.0	66.0	10.0	61.0	12.0	34.0
Indicator value	**96.7%**	**96.6%**	**96.8%**	**97.0%**	**97.0%**	**96.9%**	**96.4%**	**97.0%**

Licensee Comments:

1Q/14: Editorial change. There was no color change.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	130.0	133.0	148.0	150.0	151.0	146.0	143.0	148.0
Total Key personnel	130.0	133.0	148.0	150.0	151.0	146.0	143.0	148.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful siren-tests	1748	1816	1748	1681	1686	1818	1749	1678
Total sirens-tests	1755	1820	1755	1690	1690	1820	1755	1690
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.6%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: April 23, 2015

Oconee 1

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	1722.3	2159.0	2184.0	2208.0	1405.0	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2208.0	1722.3	2159.0	2184.0	2208.0	1405.0	2159.0	2184.0
Indicator value	**0**	**0.8**	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	**2**	**2**	**2**	**1**	**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/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	3.40E-08	4.19E-08	8.17E-08	7.71E-08	1.17E-07	1.19E-07	1.79E-07	1.92E-07
URI (ΔCDF)	9.07E-08	1.18E-07	1.18E-07	1.18E-07	7.39E-08	7.39E-08	3.12E-07	3.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.20E-07**	**1.60E-07**	**2.00E-07**	**2.00E-07**	**1.90E-07**	**1.90E-07**	**4.90E-07**	**5.30E-07**

Licensee Comments:

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

3Q/14: Changed PRA Parameter(s).

2Q/14: Changed PRA Parameter(s).

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

3Q/13: 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	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (ΔCDF)	-2.63E-10	-2.53E-10	-2.57E-10	-2.90E-10	-2.90E-10	-2.74E-10	-1.50E-10	-1.50E-10
URI (ΔCDF)	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.50E-07	1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.50E-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/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	4.45E-08	1.06E-07	8.61E-09	1.63E-07	1.33E-07	1.33E-07	1.80E-07	1.60E-07
URI (ΔCDF)	2.12E-07	3.60E-08	3.60E-08	-7.95E-08	-7.95E-08	-7.95E-08	-8.07E-08	-8.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.60E-07**	**1.40E-07**	**4.50E-08**	**8.30E-08**	**5.30E-08**	**5.30E-08**	**1.00E-07**	**8.00E-08**

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/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	3.42E-07	3.46E-07	1.64E-07	1.43E-07	1.61E-07	1.84E-07	-3.35E-08	6.23E-08
URI (ΔCDF)	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-1.12E-07	-1.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.50E-07**	**2.50E-07**	**6.80E-08**	**4.60E-08**	**6.40E-08**	**8.70E-08**	**-1.50E-07**	**-4.90E-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/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	-2.32E-08	-2.56E-08	-1.61E-08	-2.53E-08	-2.14E-08	-2.69E-08	-2.81E-08	-2.83E-09
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.30E-08**	**-5.60E-08**	**-4.60E-08**	**-5.50E-08**	**-5.10E-08**	**-5.70E-08**	**-5.80E-08**	**-3.30E-08**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**
Maximum activity	0.000159	0.000166	0.000154	0.000152	0.000180	0.000222	0.000218	0.000188	0.000185	0.000262	0.000233	0.000231
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	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**
Maximum activity	0.000253	0.000306	0.000260	0.000212	0.000183	0.000091	0.000099	0.000304	0.000167	0.000125	0.000127	0.000138
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**
Maximum leakage	0.038	0.042	0.051	0.030	0.126	0.028	0.057	0.026	0.042	0.100	0.068	0.034
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	**0.4**	**0.4**	**0.5**	**0.3**	**1.3**	**0.3**	**0.6**	**0.3**	**0.4**	**1.0**	**0.7**	**0.3**
Reactor Coolant System Leakage	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**
Maximum leakage	0.044	0.069	0.061	0.057	0.030	0.074	0.042	0.063	0.233	0.030	0.035	0.029
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	**0.4**	**0.7**	**0.6**	**0.6**	**0.3**	**0.7**	**0.4**	**0.6**	**2.3**	**0.3**	**0.4**	**0.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful opportunities	33.0	36.0	64.0	10.0	60.0	11.0	32.0	28.0
Total opportunities	34.0	36.0	66.0	10.0	61.0	12.0	34.0	28.0
Indicator value	**96.6%**	**96.8%**	**97.0%**	**97.0%**	**96.9%**	**96.4%**	**97.0%**	**97.5%**

Licensee Comments:

1Q/14: Editorial change. There was no color change.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Participating Key personnel	133.0	148.0	150.0	151.0	146.0	143.0	148.0	132.0
Total Key personnel	133.0	148.0	150.0	151.0	146.0	143.0	148.0	132.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful siren-tests	1816	1748	1681	1686	1818	1749	1678	1754
Total sirens-tests	1820	1755	1690	1690	1820	1755	1690	1755
Indicator value	**99.7%**	**99.7%**	**99.6%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: July 24, 2015

Oconee 1

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1722.3	2159.0	2184.0	2208.0	1405.0	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1722.3	2159.0	2184.0	2208.0	1405.0	2159.0	2184.0	2208.0
Indicator value	**0.8**	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**2**	**2**	**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	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	4.19E-08	8.17E-08	7.71E-08	1.17E-07	1.19E-07	1.79E-07	1.92E-07	1.91E-07
URI (ΔCDF)	-5.29E-08	-5.29E-08	-5.29E-08	-9.73E-08	-9.73E-08	-5.47E-08	-2.62E-08	-2.62E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-08**	**2.90E-08**	**2.40E-08**	**1.90E-08**	**2.20E-08**	**1.20E-07**	**1.70E-07**	**1.60E-07**

Licensee Comments:

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

3Q/14: Changed PRA Parameter(s).

2Q/14: Changed PRA Parameter(s).

1Q/14: Changed PRA Parameter(s).

4Q/13: Changed PRA Parameter(s).

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (ΔCDF)	-2.53E-10	-2.57E-10	-2.90E-10	-2.90E-10	-2.74E-10	-1.50E-10	-1.50E-10	-1.51E-10
URI (ΔCDF)	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.50E-07	1.50E-07	1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.50E-07**	**1.50E-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	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	1.06E-07	8.61E-09	1.63E-07	1.33E-07	1.33E-07	1.80E-07	1.60E-07	2.73E-07
URI (ΔCDF)	3.60E-08	3.60E-08	-7.95E-08	-7.95E-08	-7.95E-08	-8.07E-08	-8.07E-08	-8.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-07**	**4.50E-08**	**8.30E-08**	**5.30E-08**	**5.30E-08**	**1.00E-07**	**8.00E-08**	**1.90E-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	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	3.46E-07	1.64E-07	1.43E-07	1.61E-07	1.84E-07	-3.35E-08	6.23E-08	7.45E-08
URI (ΔCDF)	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-1.12E-07	-1.12E-07	-1.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.50E-07**	**6.80E-08**	**4.60E-08**	**6.40E-08**	**8.70E-08**	**-1.50E-07**	**-4.90E-08**	**-3.70E-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	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	-2.56E-08	-1.61E-08	-2.53E-08	-2.14E-08	-2.69E-08	-2.81E-08	-2.83E-09	-8.08E-09
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-08**	**-4.60E-08**	**-5.50E-08**	**-5.10E-08**	**-5.70E-08**	**-5.80E-08**	**-3.30E-08**	**-3.80E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**
Maximum activity	0.000152	0.000180	0.000222	0.000218	0.000188	0.000185	0.000262	0.000233	0.000231	0.000253	0.000306	0.000260
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	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**
Maximum activity	0.000212	0.000183	0.000091	0.000099	0.000304	0.000167	0.000125	0.000127	0.000138	0.000147	0.000170	0.000122
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum leakage	0.030	0.126	0.028	0.057	0.026	0.042	0.100	0.068	0.034	0.044	0.069	0.061
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**	**1.3**	**0.3**	**0.6**	**0.3**	**0.4**	**1.0**	**0.7**	**0.3**	**0.4**	**0.7**	**0.6**
Reactor Coolant System Leakage	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**
Maximum leakage	0.057	0.030	0.074	0.042	0.063	0.233	0.030	0.035	0.029	0.036	0.035	0.035
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**	**0.3**	**0.7**	**0.4**	**0.6**	**2.3**	**0.3**	**0.4**	**0.3**	**0.4**	**0.4**	**0.4**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful opportunities	36.0	61.0	12.0	60.0	11.0	32.0	28.0	42.0
Total opportunities	36.0	63.0	12.0	61.0	12.0	34.0	28.0	44.0
Indicator value	**96.8%**	**97.0%**	**97.0%**	**96.9%**	**96.4%**	**96.9%**	**97.5%**	**97.2%**

Licensee Comments:

1Q/14: Editorial change. There was no color change.

1Q/14: Editorial change. There was no color change.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Participating Key personnel	148.0	150.0	151.0	145.0	143.0	148.0	132.0	131.0
Total Key personnel	148.0	150.0	151.0	145.0	143.0	148.0	132.0	131.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful siren-tests	1748	1681	1686	1818	1749	1678	1754	1753
Total sirens-tests	1755	1690	1690	1820	1755	1690	1755	1755
Indicator value	**99.7%**	**99.6%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: December 15, 2015

Oconee 1

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1405.0	2159.0	2184.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1405.0	2159.0	2184.0	2208.0	2209.0
Indicator value	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**2**	**1**	**0**	**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	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	8.17E-08	7.71E-08	1.17E-07	1.19E-07	1.79E-07	1.92E-07	1.91E-07	1.92E-07
URI (ΔCDF)	-5.29E-08	-5.29E-08	-9.73E-08	-9.73E-08	-5.47E-08	-2.62E-08	-2.62E-08	-4.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.90E-08**	**2.40E-08**	**1.90E-08**	**2.20E-08**	**1.20E-07**	**1.70E-07**	**1.60E-07**	**1.50E-07**

Licensee Comments:

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

3Q/14: Changed PRA Parameter(s).

2Q/14: Changed PRA Parameter(s).

1Q/14: Changed PRA Parameter(s).

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (ΔCDF)	-2.57E-10	-2.90E-10	-2.90E-10	-2.74E-10	-1.50E-10	-1.50E-10	-1.51E-10	-1.72E-10
URI (ΔCDF)	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.50E-07	1.50E-07	1.50E-07	1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.50E-07**	**1.50E-07**	**1.50E-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	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	8.61E-09	1.63E-07	1.33E-07	1.33E-07	1.80E-07	1.60E-07	2.73E-07	2.48E-07
URI (ΔCDF)	3.60E-08	-7.95E-08	-7.95E-08	-7.95E-08	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.50E-08**	**8.30E-08**	**5.30E-08**	**5.30E-08**	**1.00E-07**	**8.00E-08**	**1.90E-07**	**1.70E-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	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	1.64E-07	1.43E-07	1.61E-07	1.84E-07	-3.35E-08	6.23E-08	7.45E-08	2.34E-08
URI (ΔCDF)	-9.65E-08	-9.65E-08	-9.65E-08	-9.65E-08	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.80E-08**	**4.60E-08**	**6.40E-08**	**8.70E-08**	**-1.50E-07**	**-4.90E-08**	**-3.70E-08**	**-8.80E-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	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	-1.61E-08	-2.53E-08	-2.14E-08	-2.69E-08	-2.81E-08	-2.83E-09	-8.08E-09	-2.35E-09
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.60E-08**	**-5.50E-08**	**-5.10E-08**	**-5.70E-08**	**-5.80E-08**	**-3.30E-08**	**-3.80E-08**	**-3.20E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**
Maximum activity	0.000218	0.000188	0.000185	0.000262	0.000233	0.000231	0.000253	0.000306	0.000260	0.000212	0.000183	0.000091
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	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**
Maximum activity	0.000099	0.000304	0.000167	0.000125	0.000127	0.000138	0.000147	0.000170	0.000122	0.000157	0.000163	0.000156
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**
Maximum leakage	0.057	0.026	0.042	0.100	0.068	0.034	0.044	0.069	0.061	0.057	0.030	0.074
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**	**0.3**	**0.4**	**1.0**	**0.7**	**0.3**	**0.4**	**0.7**	**0.6**	**0.6**	**0.3**	**0.7**
Reactor Coolant System Leakage	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**
Maximum leakage	0.042	0.063	0.233	0.030	0.035	0.029	0.036	0.035	0.035	0.038	0.035	0.061
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	**0.4**	**0.6**	**2.3**	**0.3**	**0.4**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.6**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful opportunities	61.0	12.0	60.0	11.0	32.0	28.0	42.0	52.0
Total opportunities	63.0	12.0	61.0	12.0	34.0	28.0	44.0	54.0
Indicator value	**97.0%**	**97.0%**	**96.9%**	**96.4%**	**96.9%**	**97.5%**	**97.2%**	**96.8%**

Licensee Comments:

1Q/14: Editorial change. There was no color change.

1Q/14: Editorial change. There was no color change.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Participating Key personnel	150.0	151.0	145.0	143.0	148.0	132.0	131.0	129.0
Total Key personnel	150.0	151.0	145.0	143.0	148.0	132.0	131.0	129.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful siren-tests	1681	1686	1818	1749	1678	1754	1753	1817
Total sirens-tests	1690	1690	1820	1755	1690	1755	1755	1820
Indicator value	**99.6%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: March 1, 2016

Oconee 1

1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2184.0	2208.0	1405.0	2159.0	2184.0	2208.0	2209.0	1648.1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2184.0	2208.0	1405.0	2159.0	2184.0	2208.0	2209.0	1648.1
Indicator value	**0.8**	**0.8**	**0**	**0**	**0**	**0**	**0**	**0.8**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (ΔCDF)	7.71E-08	1.17E-07	1.19E-07	1.79E-07	1.92E-07	1.91E-07	1.92E-07	2.10E-07
URI (ΔCDF)	-5.29E-08	-9.73E-08	-9.73E-08	-5.47E-08	-2.62E-08	-2.62E-08	-4.30E-08	-4.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.40E-08**	**1.90E-08**	**2.20E-08**	**1.20E-07**	**1.70E-07**	**1.60E-07**	**1.50E-07**	**1.70E-07**

Licensee Comments:

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

3Q/14: Changed PRA Parameter(s).

2Q/14: 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/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	-2.90E-10	-2.90E-10	-2.74E-10	-1.50E-10	-1.50E-10	-1.51E-10	-1.72E-10	-6.37E-10
URI (ΔCDF)	1.34E-07	1.34E-07	1.34E-07	1.50E-07	1.50E-07	1.50E-07	1.50E-07	-1.51E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.30E-07**	**1.50E-07**	**1.50E-07**	**1.50E-07**	**1.50E-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	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	1.63E-07	1.33E-07	1.33E-07	1.80E-07	1.60E-07	2.73E-07	2.48E-07	2.70E-07
URI (ΔCDF)	-7.95E-08	-7.95E-08	-7.95E-08	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.30E-08**	**5.30E-08**	**5.30E-08**	**1.00E-07**	**8.00E-08**	**1.90E-07**	**1.70E-07**	**1.90E-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	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	1.43E-07	1.61E-07	1.84E-07	-3.35E-08	6.23E-08	7.45E-08	2.34E-08	-3.35E-08
URI (ΔCDF)	-9.65E-08	-9.65E-08	-9.65E-08	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.60E-08**	**6.40E-08**	**8.70E-08**	**-1.50E-07**	**-4.90E-08**	**-3.70E-08**	**-8.80E-08**	**-1.50E-07**

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	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	-2.53E-08	-2.14E-08	-2.69E-08	-2.81E-08	-2.83E-09	-8.08E-09	-2.35E-09	1.19E-08
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.50E-08**	**-5.10E-08**	**-5.70E-08**	**-5.80E-08**	**-3.30E-08**	**-3.80E-08**	**-3.20E-08**	**-1.80E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum activity	0.000262	0.000233	0.000231	0.000253	0.000306	0.000260	0.000212	0.000183	0.000091	0.000099	0.000304	0.000167
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	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**
Maximum activity	0.000125	0.000127	0.000138	0.000147	0.000170	0.000122	0.000157	0.000163	0.000156	0.000171	0.000196	0.000118
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum leakage	0.100	0.068	0.034	0.044	0.069	0.061	0.057	0.030	0.074	0.042	0.063	0.233
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	**1.0**	**0.7**	**0.3**	**0.4**	**0.7**	**0.6**	**0.6**	**0.3**	**0.7**	**0.4**	**0.6**	**2.3**
Reactor Coolant System Leakage	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**
Maximum leakage	0.030	0.035	0.029	0.036	0.035	0.035	0.038	0.035	0.061	0.026	0.038	0.031
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**	**0.4**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.6**	**0.3**	**0.4**	**0.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful opportunities	12.0	60.0	11.0	32.0	28.0	42.0	52.0	63.0
Total opportunities	12.0	61.0	12.0	34.0	28.0	44.0	54.0	63.0
Indicator value	**97.0%**	**96.9%**	**96.4%**	**96.9%**	**97.5%**	**97.2%**	**96.8%**	**97.4%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Participating Key personnel	151.0	145.0	143.0	148.0	132.0	131.0	129.0	124.0
Total Key personnel	151.0	145.0	143.0	148.0	132.0	131.0	129.0	124.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful siren-tests	1686	1818	1749	1678	1754	1753	1817	1752
Total sirens-tests	1690	1820	1755	1690	1755	1755	1820	1755
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.9%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: April 23, 2016

Oconee 1

2Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: U1 Fire event involving Transformer does not meet reporting requirements for loss of safety function

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2208.0	1405.0	2159.0	2184.0	2208.0	2209.0	1648.1	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**	**0.8**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2208.0	1405.0	2159.0	2184.0	2208.0	2209.0	1648.1	2184.0
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0.8**	**0.8**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
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

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/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	1.17E-07	1.19E-07	1.79E-07	1.92E-07	1.91E-07	1.92E-07	2.10E-07	2.07E-07
URI (ΔCDF)	-9.73E-08	-9.73E-08	-5.47E-08	-2.62E-08	-2.62E-08	-4.30E-08	-4.30E-08	1.75E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-08**	**2.20E-08**	**1.20E-07**	**1.70E-07**	**1.60E-07**	**1.50E-07**	**1.70E-07**	**3.80E-07**

Licensee Comments:

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

3Q/14: 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	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	-2.90E-10	-2.74E-10	-1.50E-10	-1.50E-10	-1.51E-10	-1.72E-10	-6.37E-10	-3.76E-10
URI (ΔCDF)	1.34E-07	1.34E-07	1.50E-07	1.50E-07	1.50E-07	1.50E-07	-1.51E-07	-1.51E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.30E-07**	**1.50E-07**	**1.50E-07**	**1.50E-07**	**1.50E-07**	**-1.50E-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/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	1.33E-07	1.33E-07	1.80E-07	1.60E-07	2.73E-07	2.48E-07	2.70E-07	2.71E-07
URI (ΔCDF)	-7.95E-08	-7.95E-08	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.30E-08**	**5.30E-08**	**1.00E-07**	**8.00E-08**	**1.90E-07**	**1.70E-07**	**1.90E-07**	**1.90E-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/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	1.61E-07	1.84E-07	-3.35E-08	6.23E-08	7.45E-08	2.34E-08	-3.35E-08	-3.39E-08
URI (ΔCDF)	-9.65E-08	-9.65E-08	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.40E-08**	**8.70E-08**	**-1.50E-07**	**-4.90E-08**	**-3.70E-08**	**-8.80E-08**	**-1.50E-07**	**-1.50E-07**

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/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	-2.14E-08	-2.69E-08	-2.81E-08	-2.83E-09	-8.08E-09	-2.35E-09	1.19E-08	3.25E-08
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.10E-08**	**-5.70E-08**	**-5.80E-08**	**-3.30E-08**	**-3.80E-08**	**-3.20E-08**	**-1.80E-08**	**2.50E-09**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**
Maximum activity	0.000253	0.000306	0.000260	0.000212	0.000183	0.000091	0.000099	0.000304	0.000167	0.000125	0.000127	0.000138
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	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**
Maximum activity	0.000147	0.000170	0.000122	0.000157	0.000163	0.000156	0.000171	0.000196	0.000118	0.000156	0.000230	0.000157
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	0.044	0.069	0.061	0.057	0.030	0.074	0.042	0.063	0.233	0.030	0.035	0.029
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	**0.4**	**0.7**	**0.6**	**0.6**	**0.3**	**0.7**	**0.4**	**0.6**	**2.3**	**0.3**	**0.4**	**0.3**
Reactor Coolant System Leakage	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**
Maximum leakage	0.036	0.035	0.035	0.038	0.035	0.061	0.026	0.038	0.031	0.023	0.028	0.021
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	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.6**	**0.3**	**0.4**	**0.3**	**0.2**	**0.3**	**0.2**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful opportunities	60.0	11.0	32.0	28.0	42.0	52.0	63.0	25.0
Total opportunities	61.0	12.0	34.0	28.0	44.0	54.0	63.0	26.0
Indicator value	**96.9%**	**96.4%**	**96.9%**	**97.5%**	**97.2%**	**96.8%**	**97.4%**	**97.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Participating Key personnel	140.0	136.0	144.0	132.0	131.0	129.0	124.0	129.0
Total Key personnel	140.0	136.0	144.0	132.0	131.0	129.0	124.0	129.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful siren-tests	1818	1749	1678	1754	1753	1817	1752	1754
Total sirens-tests	1820	1755	1690	1755	1755	1820	1755	1755
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.9%**	**99.9%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: July 25, 2016

Oconee 1

3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	1405.0	2159.0	2184.0	2208.0	2209.0	1648.1	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.8**	**0.8**	**0.8**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	1405.0	2159.0	2184.0	2208.0	2209.0	1648.1	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.8**	**0.8**	**0.8**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
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

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	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	1.19E-07	1.79E-07	1.92E-07	1.91E-07	1.92E-07	2.10E-07	2.07E-07	9.54E-08
URI (ΔCDF)	-9.73E-08	-5.47E-08	-2.62E-08	-2.62E-08	-4.30E-08	-4.30E-08	1.75E-07	2.76E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-08**	**1.20E-07**	**1.70E-07**	**1.60E-07**	**1.50E-07**	**1.70E-07**	**3.80E-07**	**1.20E-07**

Licensee Comments:

3Q/16: Changed PRA Parameter(s). Planned UA Baseline was updated to be applied to 4th quarter 2016 per revised MSPI Basis Document.

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

4Q/14: Five breakers were added as MSPI-monitored components for the Emergency AC Power System to resolve discrepancies between the MSPI Basis Document and the CDE configuration. This change did not result in a threshold change.

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	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	-2.74E-10	-1.50E-10	-1.50E-10	-1.51E-10	-1.72E-10	-6.37E-10	-3.76E-10	-3.23E-10
URI (ΔCDF)	1.34E-07	1.50E-07	1.50E-07	1.50E-07	1.50E-07	-1.51E-07	-1.51E-07	-9.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**1.50E-07**	**1.50E-07**	**1.50E-07**	**1.50E-07**	**-1.50E-07**	**-1.50E-07**	**-9.60E-08**

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

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	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	1.33E-07	1.80E-07	1.60E-07	2.73E-07	2.48E-07	2.70E-07	2.71E-07	7.74E-08
URI (ΔCDF)	-7.95E-08	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08	-5.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.30E-08**	**1.00E-07**	**8.00E-08**	**1.90E-07**	**1.70E-07**	**1.90E-07**	**1.90E-07**	**2.60E-08**

Licensee Comments:

3Q/16: 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	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	1.84E-07	-3.35E-08	6.23E-08	7.45E-08	2.34E-08	-3.35E-08	-3.39E-08	-2.39E-08
URI (ΔCDF)	-9.65E-08	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07	-6.36E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.70E-08**	**-1.50E-07**	**-4.90E-08**	**-3.70E-08**	**-8.80E-08**	**-1.50E-07**	**-1.50E-07**	**-8.80E-08**

Licensee Comments:

3Q/16: 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	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	-2.69E-08	-2.81E-08	-2.83E-09	-8.08E-09	-2.35E-09	1.19E-08	3.25E-08	5.66E-09
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-1.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.70E-08**	**-5.80E-08**	**-3.30E-08**	**-3.80E-08**	**-3.20E-08**	**-1.80E-08**	**2.50E-09**	**-5.20E-09**

Licensee Comments:

3Q/16: Changed PRA Parameter(s).

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**
Maximum activity	0.000212	0.000183	0.000091	0.000099	0.000304	0.000167	0.000125	0.000127	0.000138	0.000147	0.000170	0.000122
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	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**
Maximum activity	0.000157	0.000163	0.000156	0.000171	0.000196	0.000118	0.000156	0.000230	0.000157	0.000245	0.000193	0.000177
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	0.057	0.030	0.074	0.042	0.063	0.233	0.030	0.035	0.029	0.036	0.035	0.035
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**	**0.3**	**0.7**	**0.4**	**0.6**	**2.3**	**0.3**	**0.4**	**0.3**	**0.4**	**0.4**	**0.4**
Reactor Coolant System Leakage	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**
Maximum leakage	0.038	0.035	0.061	0.026	0.038	0.031	0.023	0.028	0.021	0.036	0.036	0.034
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	**0.4**	**0.4**	**0.6**	**0.3**	**0.4**	**0.3**	**0.2**	**0.3**	**0.2**	**0.4**	**0.4**	**0.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful opportunities	11.0	32.0	28.0	42.0	52.0	63.0	25.0	39.0
Total opportunities	12.0	34.0	28.0	44.0	54.0	63.0	26.0	43.0
Indicator value	**96.4%**	**96.9%**	**97.5%**	**97.2%**	**96.8%**	**97.4%**	**97.2%**	**96.1%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Participating Key personnel	136.0	144.0	132.0	131.0	129.0	124.0	129.0	130.0
Total Key personnel	136.0	144.0	132.0	131.0	129.0	124.0	129.0	130.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	1749	1678	1754	1753	1817	1752	1754	1754
Total sirens-tests	1755	1690	1755	1755	1820	1755	1755	1755
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: October 23, 2016

Oconee 1

4Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1648.1	2184.0	2208.0	1690.5
Indicator value	**0**	**0**	**0**	**0**	**0.8**	**0.8**	**0.8**	**0.9**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1648.1	2184.0	2208.0	1690.5
Indicator value	**0**	**0**	**0**	**0**	**0.8**	**0.8**	**0.8**	**0.9**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
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

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/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	1.79E-07	1.92E-07	1.91E-07	1.92E-07	2.10E-07	2.07E-07	9.54E-08	1.41E-07
URI (ΔCDF)	-5.47E-08	-2.62E-08	-2.62E-08	-4.30E-08	-4.30E-08	1.75E-07	2.76E-08	-2.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.20E-07**	**1.70E-07**	**1.60E-07**	**1.50E-07**	**1.70E-07**	**3.80E-07**	**1.20E-07**	**1.10E-07**

Licensee Comments:

4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016.

3Q/16: Changed PRA Parameter(s). Planned UA Baseline was updated to be applied to 4th quarter 2016 per revised MSPI Basis Document.

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/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	-1.50E-10	-1.50E-10	-1.51E-10	-1.72E-10	-6.37E-10	-3.76E-10	-3.23E-10	-2.15E-10
URI (ΔCDF)	1.50E-07	1.50E-07	1.50E-07	1.50E-07	-1.51E-07	-1.51E-07	-9.53E-08	-9.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-07**	**1.50E-07**	**1.50E-07**	**1.50E-07**	**-1.50E-07**	**-1.50E-07**	**-9.60E-08**	**-9.60E-08**

Licensee Comments:

4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. The planned unavailability baseline for the high pressure injection (HPI) system was revised and the baseline changes were incorporated into the PRA model and the MSPI Basis Document Revision 18. The changes were entered into CDE on 10/6/16 and will be effective in the first quarter of 2017. Also, consistent with the PRA model changes, the B HPI pumps for all Oconee units were added as MSPI monitored components. The MSPI Basis Document revision 19 was approved on 10/18/16 to incorporate these changes, and the corresponding changes were entered into CDE on October 18-19, 2016. The changes are effective for the third quarter 2016.

3Q/16: Changed PRA Parameter(s).

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (ΔCDF)	1.80E-07	1.60E-07	2.73E-07	2.48E-07	2.70E-07	2.71E-07	7.74E-08	5.76E-08
URI (ΔCDF)	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08	-5.10E-08	-5.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.00E-07**	**8.00E-08**	**1.90E-07**	**1.70E-07**	**1.90E-07**	**1.90E-07**	**2.60E-08**	**6.60E-09**

Licensee Comments:

4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016.

3Q/16: 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	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (ΔCDF)	-3.35E-08	6.23E-08	7.45E-08	2.34E-08	-3.35E-08	-3.39E-08	-2.39E-08	-2.39E-08
URI (ΔCDF)	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07	-6.36E-08	-6.36E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-07**	**-4.90E-08**	**-3.70E-08**	**-8.80E-08**	**-1.50E-07**	**-1.50E-07**	**-8.80E-08**	**-8.80E-08**

Licensee Comments:

4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. The planned unavailability baseline for the residual heat removal (RHR) system was revised and the baseline changes were incorporated into the PRA model and the MSPI Basis Document Revision 18. The changes were entered into CDE on 10/6/16 and will be effective in the first quarter of 2017.

3Q/16: Changed PRA Parameter(s).

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (ΔCDF)	-2.81E-08	-2.83E-09	-8.08E-09	-2.35E-09	1.19E-08	3.25E-08	5.66E-09	9.11E-09
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-1.08E-08	-1.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.80E-08**	**-3.30E-08**	**-3.80E-08**	**-3.20E-08**	**-1.80E-08**	**2.50E-09**	**-5.20E-09**	**-1.70E-09**

Licensee Comments:

4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. On 10/19/16, risk metrics for the Cooling Water System were recalculated using the method described for making corrections to FV/UA and FV/UR ratios for fault trees using modeling method 2 as described in NEI 99-02. The MSPI Basis Document revision 20 was approved on 10/19/16, and the corresponding changes were entered into CDE on 10/19/16. The changes are effective for the third quarter 2016.

3Q/16: Changed PRA Parameter(s).

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**
Maximum activity	0.000099	0.000304	0.000167	0.000125	0.000127	0.000138	0.000147	0.000170	0.000122	0.000157	0.000163	0.000156
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	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**	**10/16**	**11/16**	**12/16**
Maximum activity	0.000171	0.000196	0.000118	0.000156	0.000230	0.000157	0.000245	0.000193	0.000177	0.000218	0.000206	0.000084
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**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**
Maximum leakage	0.042	0.063	0.233	0.030	0.035	0.029	0.036	0.035	0.035	0.038	0.035	0.061
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	**0.4**	**0.6**	**2.3**	**0.3**	**0.4**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.6**
Reactor Coolant System Leakage	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**	**10/16**	**11/16**	**12/16**
Maximum leakage	0.026	0.038	0.031	0.023	0.028	0.021	0.036	0.036	0.034	0.063	0.075	0.151
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**	**0.4**	**0.3**	**0.2**	**0.3**	**0.2**	**0.4**	**0.4**	**0.3**	**0.6**	**0.8**	**1.5**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful opportunities	32.0	28.0	42.0	52.0	63.0	25.0	39.0	10.0
Total opportunities	34.0	28.0	44.0	54.0	63.0	26.0	43.0	10.0
Indicator value	**96.9%**	**97.5%**	**97.2%**	**96.8%**	**97.4%**	**97.2%**	**96.1%**	**96.4%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Participating Key personnel	144.0	132.0	131.0	129.0	124.0	129.0	130.0	129.0
Total Key personnel	144.0	132.0	131.0	129.0	124.0	129.0	130.0	129.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful siren-tests	1678	1754	1753	1817	1752	1754	1754	1727
Total sirens-tests	1690	1755	1755	1820	1755	1755	1755	1727
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
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

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Action Matrix Summary | Inspection Findings Summary | PI Summary | Reactor Oversight Process

Last Modified: January 24, 2017

United States Nuclear Regulatory Commission
Protecting People and the Environment

Oconee 1 – Quarterly Performance Indicators

1Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	1648.1	2184.0	2208.0	1690.5	1988.3
Indicator value	**0**	**0**	**0**	**0.8**	**0.8**	**0.8**	**0.9**	**0**

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	1648.1	2184.0	2208.0	1690.5	1988.3
Indicator value	**0**	**0**	**0**	**0.8**	**0.8**	**0.8**	**0.9**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	1.92E-07	1.91E-07	1.92E-07	2.10E-07	2.07E-07	9.54E-08	1.41E-07	1.40E-07
URI (ΔCDF)	-2.62E-08	-2.62E-08	-4.30E-08	-4.30E-08	1.75E-07	2.76E-08	-2.84E-08	-2.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.70E-07**	**1.60E-07**	**1.50E-07**	**1.70E-07**	**3.80E-07**	**1.20E-07**	**1.10E-07**	**1.10E-07**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016.
3Q/16: Changed PRA Parameter(s). Planned UA Baseline was updated to be applied to 4th quarter 2016 per revised MSPI Basis Document.

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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-1.50E-10	-1.51E-10	-1.72E-10	-6.37E-10	-3.76E-10	-3.23E-10	-2.15E-10	2.39E-10
URI (ΔCDF)	1.50E-07	1.50E-07	1.50E-07	-1.51E-07	-1.51E-07	-9.53E-08	-9.53E-08	-9.53E-08

PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-07**	**1.50E-07**	**1.50E-07**	**-1.50E-07**	**-1.50E-07**	**-9.60E-08**	**-9.60E-08**	**-9.50E-08**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. The planned unavailability baseline for the high pressure injection (HPI) system was revised and the baseline changes were incorporated into the PRA model and the MSPI Basis Document Revision 18. The changes were entered into CDE on 10/6/16 and will be effective in the first quarter of 2017. Also, consistent with the PRA model changes, the B HPI pumps for all Oconee units were added as MSPI monitored components. The MSPI Basis Document revision 19 was approved on 10/18/16 to incorporate these changes, and the corresponding changes were entered into CDE on October 18-19, 2016. The changes are effective for the third quarter 2016.
3Q/16: Changed PRA Parameter(s).

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**	**1Q/17**
UAI (ΔCDF)	1.60E-07	2.73E-07	2.48E-07	2.70E-07	2.71E-07	7.74E-08	5.76E-08	7.59E-08
URI (ΔCDF)	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08	-5.10E-08	-5.10E-08	-5.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.00E-08**	**1.90E-07**	**1.70E-07**	**1.90E-07**	**1.90E-07**	**2.60E-08**	**6.60E-09**	**2.50E-08**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016.
3Q/16: 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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	6.23E-08	7.45E-08	2.34E-08	-3.35E-08	-3.39E-08	-2.39E-08	-2.39E-08	-8.17E-09
URI (ΔCDF)	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07	-6.36E-08	-6.36E-08	-6.36E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-08**	**-3.70E-08**	**-8.80E-08**	**-1.50E-07**	**-1.50E-07**	**-8.80E-08**	**-8.80E-08**	**-7.20E-08**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. The planned unavailability baseline for the residual heat removal (RHR) system was revised and the baseline changes were incorporated into the PRA model and the MSPI Basis Document Revision 18. The changes were entered into CDE on 10/6/16 and will be effective in the first quarter of 2017.
3Q/16: 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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-2.83E-09	-8.08E-09	-2.35E-09	1.19E-08	3.25E-08	5.66E-09	9.11E-09	8.37E-09
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-1.08E-08	-1.08E-08	-1.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.30E-08**	**-3.80E-08**	**-3.20E-08**	**-1.80E-08**	**2.50E-09**	**-5.20E-09**	**-1.70E-09**	**-2.40E-09**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. On 10/19/16, risk metrics for the Cooling Water System were recalculated using the method described for making corrections to FV/UA and FV/UR ratios for fault trees using modeling method 2 as described in NEI 99-02. The MSPI Basis Document revision 20 was approved on 10/19/16, and the corresponding changes were entered into CDE on 10/19/16. The changes are effective for the third quarter 2016.
3Q/16: Changed PRA Parameter(s).

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum activity	0.000125	0.000127	0.000138	0.000147	0.000170	0.000122	0.000157	0.000163	0.000156	0.000171	0.000196	0.000118
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	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum activity	0.000156	0.000230	0.000157	0.000245	0.000193	0.000177	0.000218	0.000206	0.000084	0.000270	0.000152	0.000149
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**

TOP

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	0.030	0.035	0.029	0.036	0.035	0.035	0.038	0.035	0.061	0.026	0.038	0.031
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**	**0.4**	**0.3**	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.6**	**0.3**	**0.4**	**0.3**

Reactor Coolant System Leakage	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum leakage	0.023	0.028	0.021	0.036	0.036	0.034	0.063	0.075	0.151	0.141	0.079	0.135
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**	**0.3**	**0.2**	**0.4**	**0.4**	**0.3**	**0.6**	**0.8**	**1.5**	**1.4**	**0.8**	**1.4**

TOP

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful opportunities	28.0	42.0	52.0	63.0	25.0	39.0	10.0	11.0
Total opportunities	28.0	44.0	54.0	63.0	26.0	43.0	10.0	11.0
Indicator value	**97.5%**	**97.2%**	**96.8%**	**97.4%**	**97.2%**	**96.1%**	**96.4%**	**96.8%**

TOP

Licensee Comments: none

Notes

ERO Drill Participation	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Participating Key personnel	132.0	131.0	129.0	124.0	129.0	130.0	129.0	129.0
Total Key personnel	132.0	131.0	129.0	124.0	129.0	130.0	129.0	129.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful siren-tests	1754	1753	1817	1752	1754	1754	1727	1754
Total sirens-tests	1755	1755	1820	1755	1755	1755	1727	1755
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**

TOP

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
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**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: May 5, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017

United States Nuclear Regulatory Commission
Protecting People and the Environment

Oconee 1 – Quarterly Performance Indicators

2Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	1648.1	2184.0	2208.0	1690.5	1988.3	2184.0
Indicator value	**0**	**0**	**0.8**	**0.8**	**0.8**	**0.9**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	1648.1	2184.0	2208.0	1690.5	1988.3	2184.0
Indicator value	**0**	**0**	**0.8**	**0.8**	**0.8**	**0.9**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

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/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	1.91E-07	1.92E-07	2.10E-07	2.07E-07	9.54E-08	1.41E-07	1.40E-07	1.55E-07
URI (ΔCDF)	-2.62E-08	-4.30E-08	-4.30E-08	1.75E-07	2.76E-08	-2.84E-08	-2.84E-08	-2.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.60E-07**	**1.50E-07**	**1.70E-07**	**3.80E-07**	**1.20E-07**	**1.10E-07**	**1.10E-07**	**1.30E-07**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016.
3Q/16: Changed PRA Parameter(s). Planned UA Baseline was updated to be applied to 4th quarter 2016 per revised MSPI Basis Document.

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/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-1.51E-10	-1.72E-10	-6.37E-10	-3.76E-10	-3.23E-10	-2.15E-10	2.39E-10	1.41E-11
URI (ΔCDF)	1.50E-07	1.50E-07	-1.51E-07	-1.51E-07	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08

PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-07**	**1.50E-07**	**-1.50E-07**	**-1.50E-07**	**-9.60E-08**	**-9.60E-08**	**-9.50E-08**	**-9.50E-08**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. The planned unavailability baseline for the high pressure injection (HPI) system was revised and the baseline changes were incorporated into the PRA model and the MSPI Basis Document Revision 18. The changes were entered into CDE on 10/6/16 and will be effective in the first quarter of 2017. Also, consistent with the PRA model changes, the B HPI pumps for all Oconee units were added as MSPI monitored components. The MSPI Basis Document revision 19 was approved on 10/18/16 to incorporate these changes, and the corresponding changes were entered into CDE on October 18-19, 2016. The changes are effective for the third quarter 2016.
3Q/16: Changed PRA Parameter(s).

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**	**1Q/17**	**2Q/17**
UAI (ΔCDF)	2.73E-07	2.48E-07	2.70E-07	2.71E-07	7.74E-08	5.76E-08	7.59E-08	2.30E-08
URI (ΔCDF)	-8.07E-08	-8.07E-08	-8.07E-08	-8.07E-08	-5.10E-08	-5.10E-08	-5.10E-08	-5.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-07**	**1.70E-07**	**1.90E-07**	**1.90E-07**	**2.60E-08**	**6.60E-09**	**2.50E-08**	**-2.80E-08**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016.
3Q/16: Changed PRA Parameter(s).

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	7.45E-08	2.34E-08	-3.35E-08	-3.39E-08	-2.39E-08	-2.39E-08	-8.17E-09	-1.11E-09
URI (ΔCDF)	-1.12E-07	-1.12E-07	-1.12E-07	-1.12E-07	-6.36E-08	-6.36E-08	-6.36E-08	-6.36E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.70E-08**	**-8.80E-08**	**-1.50E-07**	**-1.50E-07**	**-8.80E-08**	**-8.80E-08**	**-7.20E-08**	**-6.50E-08**

TOP

Licensee Comments:
2Q/17: The planned unavailability baseline for the residual heat removal (RHR) system was revised to remove UA hours that were previously added due to significant maintenance evolutions that are performed at an interval greater than the 3-year monitoring period. The maintenance evolutions have rolled off the 3-year monitoring period. The baseline changes were incorporated into the MSPI Basis Document Revision 22, dated 5/2/17. The changes are bounded by the existing PRA model, so a PRA model update is not required. The changes were entered into CDE effective third quarter 2017.
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016.

The planned unavailability baseline for the residual heat removal (RHR) system was revised and the baseline changes were incorporated into the PRA model and the MSPI Basis Document Revision 18. The changes were entered into CDE on 10/6/16 and will be effective in the first quarter of 2017.
3Q/16: Changed PRA Parameter(s).

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-8.08E-09	-2.35E-09	1.19E-08	3.25E-08	5.66E-09	9.11E-09	8.37E-09	1.09E-08
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-1.08E-08	-1.08E-08	-1.08E-08	-1.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.80E-08**	**-3.20E-08**	**-1.80E-08**	**2.50E-09**	**-5.20E-09**	**-1.70E-09**	**-2.40E-09**	**6.90E-11**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. On 10/19/16, risk metrics for the Cooling Water System were recalculated using the method described for making corrections to FV/UA and FV/UR ratios for fault trees using modeling method 2 as described in NEI 99-02. The MSPI Basis Document revision 20 was approved on 10/19/16, and the corresponding changes were entered into CDE on 10/19/16. The changes are effective for the third quarter 2016.
3Q/16: Changed PRA Parameter(s).

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum activity	0.000147	0.000170	0.000122	0.000157	0.000163	0.000156	0.000171	0.000196	0.000118	0.000156	0.000230	0.000157
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	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum activity	0.000245	0.000193	0.000177	0.000218	0.000206	0.000084	0.000270	0.000152	0.000149	0.000123	0.000127	0.000108
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**

TOP

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum leakage	0.036	0.035	0.035	0.038	0.035	0.061	0.026	0.038	0.031	0.023	0.028	0.021
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	**0.4**	**0.4**	**0.4**	**0.4**	**0.4**	**0.6**	**0.3**	**0.4**	**0.3**	**0.2**	**0.3**	**0.2**

Reactor Coolant System Leakage	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum leakage	0.036	0.036	0.034	0.063	0.075	0.151	0.141	0.079	0.135	0.038	0.042	0.038
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	**0.4**	**0.4**	**0.3**	**0.6**	**0.8**	**1.5**	**1.4**	**0.8**	**1.4**	**0.4**	**0.4**	**0.4**

TOP

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful opportunities	42.0	52.0	63.0	25.0	39.0	10.0	11.0	0
Total opportunities	44.0	54.0	63.0	26.0	43.0	10.0	11.0	0
Indicator value	**97.2%**	**96.8%**	**97.4%**	**97.2%**	**96.1%**	**96.4%**	**96.8%**	**96.4%**

TOP

Licensee Comments: none

Notes

ERO Drill Participation	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Participating Key personnel	131.0	129.0	124.0	129.0	130.0	129.0	129.0	134.0
Total Key personnel	131.0	129.0	124.0	129.0	130.0	129.0	129.0	134.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful siren-tests	1753	1817	1752	1754	1754	1727	1754	1753
Total sirens-tests	1755	1820	1755	1755	1755	1727	1755	1755
Indicator value	**99.7%**	**99.7%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**99.9%**

TOP

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
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**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: July 26, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017

United States Nuclear Regulatory Commission
Protecting People and the Environment

Oconee 1 – Quarterly Performance Indicators

3Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	1648.1	2184.0	2208.0	1690.5	1988.3	2184.0	2208.0
Indicator value	**0**	**0.8**	**0.8**	**0.8**	**0.9**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	1648.1	2184.0	2208.0	1690.5	1988.3	2184.0	2208.0
Indicator value	**0**	**0.8**	**0.8**	**0.8**	**0.9**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

TOP

Licensee Comments: none

Notes

Safety System Functional Failures (PWR)	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

TOP

Licensee Comments: none

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	1.92E-07	2.10E-07	2.07E-07	9.54E-08	1.41E-07	1.40E-07	1.55E-07	2.41E-07
URI (ΔCDF)	-4.30E-08	-4.30E-08	1.75E-07	2.76E-08	-2.84E-08	-2.84E-08	-2.84E-08	-2.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-07**	**1.70E-07**	**3.80E-07**	**1.20E-07**	**1.10E-07**	**1.10E-07**	**1.30E-07**	**2.10E-07**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016.
3Q/16: Changed PRA Parameter(s). Planned UA Baseline was updated to be applied to 4th quarter 2016 per revised MSPI Basis Document.

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	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-1.72E-10	-6.37E-10	-3.76E-10	-3.23E-10	-2.15E-10	2.39E-10	1.41E-11	1.32E-10
URI (ΔCDF)	1.50E-07	-1.51E-07	-1.51E-07	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08

PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-07**	**-1.50E-07**	**-1.50E-07**	**-9.60E-08**	**-9.60E-08**	**-9.50E-08**	**-9.50E-08**	**-9.50E-08**

TOP

Licensee Comments:
3Q/17: The estimates of motor-operated valve (MOV) demands for the High Pressure Injection (HPI) system were updated. The baseline changes were incorporated into the MSPI Basis Document Revision 23, dated 9/27/17. The changes were entered into CDE on 10/2/17 and will be effective for fourth quarter 2017.
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. The planned unavailability baseline for the high pressure injection (HPI) system was revised and the baseline changes were incorporated into the PRA model and the MSPI Basis Document Revision 18. The changes were entered into CDE on 10/6/16 and will be effective in the first quarter of 2017. Also, consistent with the PRA model changes, the B HPI pumps for all Oconee units were added as MSPI monitored components. The MSPI Basis Document revision 19 was approved on 10/18/16 to incorporate these changes, and the corresponding changes were entered into CDE on October 18-19, 2016. The changes are effective for the third quarter 2016.
3Q/16: Changed PRA Parameter(s).

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**	**1Q/17**	**2Q/17**	**3Q/17**
UAI (ΔCDF)	2.48E-07	2.70E-07	2.71E-07	7.74E-08	5.76E-08	7.59E-08	2.30E-08	2.34E-08
URI (ΔCDF)	-8.07E-08	-8.07E-08	-8.07E-08	-5.10E-08	-5.10E-08	-5.10E-08	-5.10E-08	-5.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO

Indicator value	**1.70E-07**	**1.90E-07**	**1.90E-07**	**2.60E-08**	**6.60E-09**	**2.50E-08**	**-2.80E-08**	**-2.80E-08**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016.
3Q/16: 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	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**	**1Q/17**	**2Q/17**	**3Q/17**
UAI (ΔCDF)	2.34E-08	-3.35E-08	-3.39E-08	-2.39E-08	-2.39E-08	-8.17E-09	-1.11E-09	1.01E-07
URI (ΔCDF)	-1.12E-07	-1.12E-07	-1.12E-07	-6.36E-08	-6.36E-08	-6.36E-08	-6.36E-08	-6.36E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.80E-08**	**-1.50E-07**	**-1.50E-07**	**-8.80E-08**	**-8.80E-08**	**-7.20E-08**	**-6.50E-08**	**3.70E-08**

TOP

Licensee Comments:
3Q/17: The estimates of pump demands for the Residual Heat Removal (RHR) system were updated. The baseline changes were incorporated into the MSPI Basis Document Revision 23, dated 9/27/17. The changes were entered into CDE on 10/2/17 and will be effective for fourth quarter 2017.
2Q/17: The planned unavailability baseline for the residual heat removal (RHR) system was revised to remove UA hours that were previously added due to significant maintenance evolutions that are performed at an interval greater than the 3-year monitoring period.

The maintenance evolutions have rolled off the 3-year monitoring period. The baseline changes were incorporated into the MSPI Basis Document Revision 22, dated 5/2/17. The changes are bounded by the existing PRA model, so a PRA model update is not required. The changes were entered into CDE effective third quarter 2017.
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. The planned unavailability baseline for the residual heat removal (RHR) system was revised and the baseline changes were incorporated into the PRA model and the MSPI Basis Document Revision 18. The changes were entered into CDE on 10/6/16 and will be effective in the first quarter of 2017.
3Q/16: Changed PRA Parameter(s).

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-2.35E-09	1.19E-08	3.25E-08	5.66E-09	9.11E-09	8.37E-09	1.09E-08	1.03E-08
URI (ΔCDF)	-3.00E-08	-3.00E-08	-3.00E-08	-1.08E-08	-1.08E-08	-1.08E-08	-1.08E-08	-1.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.20E-08**	**-1.80E-08**	**2.50E-09**	**-5.20E-09**	**-1.70E-09**	**-2.40E-09**	**6.90E-11**	**-5.00E-10**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016.

On 10/19/16, risk metrics for the Cooling Water System were recalculated using the method described for making corrections to FV/UA and FV/UR ratios for fault trees using modeling method 2 as described in NEI 99-02. The MSPI Basis Document revision 20 was approved on 10/19/16, and the corresponding changes were entered into CDE on 10/19/16. The changes are effective for the third quarter 2016.
3Q/16: Changed PRA Parameter(s).

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum activity	0.000157	0.000163	0.000156	0.000171	0.000196	0.000118	0.000156	0.000230	0.000157	0.000245	0.000193	0.000177
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	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17
Maximum activity	0.000218	0.000206	0.000084	0.000270	0.000152	0.000149	0.000123	0.000127	0.000108	0.000104	0.000136	0.000135
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**

TOP

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**
Maximum leakage	0.038	0.035	0.061	0.026	0.038	0.031	0.023	0.028	0.021	0.036	0.036	0.034
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	**0.4**	**0.4**	**0.6**	**0.3**	**0.4**	**0.3**	**0.2**	**0.3**	**0.2**	**0.4**	**0.4**	**0.3**

Reactor Coolant System Leakage	**10/16**	**11/16**	**12/16**	**1/17**	**2/17**	**3/17**	**4/17**	**5/17**	**6/17**	**7/17**	**8/17**	**9/17**
Maximum leakage	0.063	0.075	0.151	0.141	0.079	0.135	0.038	0.042	0.038	0.045	0.047	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**	**1.4**	**0.8**	**1.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.6**

TOP

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful opportunities	52.0	63.0	25.0	39.0	10.0	11.0	0	43.0
Total opportunities	54.0	63.0	26.0	43.0	10.0	11.0	0	43.0
Indicator value	**96.8%**	**97.4%**	**97.2%**	**96.1%**	**96.4%**	**96.8%**	**96.4%**	**97.2%**

TOP

Licensee Comments: none

Notes

ERO Drill Participation	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Participating Key personnel	129.0	124.0	129.0	130.0	129.0	129.0	126.0	139.0
Total Key personnel	129.0	124.0	129.0	130.0	129.0	129.0	134.0	139.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**94.0%**	**100.0%**

TOP

Licensee Comments:
3Q/17: The ERO Participation PI Data for 2nd Quarter 2017 has been updated and is different than previously reported. This update did not result in a color change for the performance indicator.

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful siren-tests	1817	1752	1754	1754	1727	1754	1753	1686
Total sirens-tests	1820	1755	1755	1755	1727	1755	1755	1690
Indicator value	**99.7%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**99.9%**	**99.9%**

TOP

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
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**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: October 31, 2017

Page Last Reviewed/Updated Monday, November 06, 2017

United States Nuclear Regulatory Commission
Protecting People and the Environment

Oconee 1 – Quarterly Performance Indicators

4Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	1648.1	2184.0	2208.0	1690.5	1988.3	2184.0	2208.0	2209.0
Indicator value	**0.8**	**0.8**	**0.8**	**0.9**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1648.1	2184.0	2208.0	1690.5	1988.3	2184.0	2208.0	2209.0
Indicator value	**0.8**	**0.8**	**0.8**	**0.9**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

TOP

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**

TOP

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/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	2.10E-07	2.07E-07	9.54E-08	1.41E-07	1.40E-07	1.55E-07	2.41E-07	2.42E-07
URI (ΔCDF)	-4.30E-08	1.75E-07	2.76E-08	-2.84E-08	-2.84E-08	-2.84E-08	-2.84E-08	-2.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.70E-07**	**3.80E-07**	**1.20E-07**	**1.10E-07**	**1.10E-07**	**1.30E-07**	**2.10E-07**	**2.10E-07**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016.
3Q/16: Changed PRA Parameter(s). Planned UA Baseline was updated to be applied to 4th quarter 2016 per revised MSPI Basis Document.

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/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-6.37E-10	-3.76E-10	-3.23E-10	-2.15E-10	2.39E-10	1.41E-11	1.32E-10	7.55E-11
URI (ΔCDF)	-1.51E-07	-1.51E-07	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08	-9.53E-08	-9.32E-08

PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-07**	**-1.50E-07**	**-9.60E-08**	**-9.60E-08**	**-9.50E-08**	**-9.50E-08**	**-9.50E-08**	**-9.30E-08**

TOP

Licensee Comments:
3Q/17: The estimates of motor-operated valve (MOV) demands for the High Pressure Injection (HPI) system were updated. The baseline changes were incorporated into the MSPI Basis Document Revision 23, dated 9/27/17. The changes were entered into CDE on 10/2/17 and will be effective for fourth quarter 2017.
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. The planned unavailability baseline for the high pressure injection (HPI) system was revised and the baseline changes were incorporated into the PRA model and the MSPI Basis Document Revision 18. The changes were entered into CDE on 10/6/16 and will be effective in the first quarter of 2017. Also, consistent with the PRA model changes, the B HPI pumps for all Oconee units were added as MSPI monitored components. The MSPI Basis Document revision 19 was approved on 10/18/16 to incorporate these changes, and the corresponding changes were entered into CDE on October 18-19, 2016. The changes are effective for the third quarter 2016.
3Q/16: Changed PRA Parameter(s).

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/16**	**2Q/16**	**3Q/16**	**4Q/16**	**1Q/17**	**2Q/17**	**3Q/17**	**4Q/17**
UAI (ΔCDF)	2.70E-07	2.71E-07	7.74E-08	5.76E-08	7.59E-08	2.30E-08	2.34E-08	1.53E-08
URI (ΔCDF)	-8.07E-08	-8.07E-08	-5.10E-08	-5.10E-08	-5.10E-08	-5.10E-08	-5.10E-08	-5.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO

Indicator value	**1.90E-07**	**1.90E-07**	**2.60E-08**	**6.60E-09**	**2.50E-08**	**-2.80E-08**	**-2.80E-08**	**-3.60E-08**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016.
3Q/16: 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	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**	**1Q/17**	**2Q/17**	**3Q/17**	**4Q/17**
UAI (ΔCDF)	-3.35E-08	-3.39E-08	-2.39E-08	-2.39E-08	-8.17E-09	-1.11E-09	1.01E-07	8.47E-08
URI (ΔCDF)	-1.12E-07	-1.12E-07	-6.36E-08	-6.36E-08	-6.36E-08	-6.36E-08	-6.36E-08	-6.35E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-07**	**-1.50E-07**	**-8.80E-08**	**-8.80E-08**	**-7.20E-08**	**-6.50E-08**	**3.70E-08**	**2.10E-08**

TOP

Licensee Comments:
4Q/17: The planned unavailability baselines were updated to remove hours that were previously added for plant modifications. The baseline changes were incorporated into the MSPI Basis Document Revision 24 which was approved on 11/21/17. The changes were entered into CDE on 11/27/17 and will be effective for first quarter 2018.
3Q/17: The estimates of pump demands for the Residual Heat Removal (RHR) system were updated. The baseline changes were incorporated into the MSPI Basis Document Revision 23, dated 9/27/17. The changes were entered into CDE on 10/2/17 and will be

effective for fourth quarter 2017.
2Q/17: The planned unavailability baseline for the residual heat removal (RHR) system was revised to remove UA hours that were previously added due to significant maintenance evolutions that are performed at an interval greater than the 3-year monitoring period. The maintenance evolutions have rolled off the 3-year monitoring period. The baseline changes were incorporated into the MSPI Basis Document Revision 22, dated 5/2/17. The changes are bounded by the existing PRA model, so a PRA model update is not required. The changes were entered into CDE effective third quarter 2017.
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. The planned unavailability baseline for the residual heat removal (RHR) system was revised and the baseline changes were incorporated into the PRA model and the MSPI Basis Document Revision 18. The changes were entered into CDE on 10/6/16 and will be effective in the first quarter of 2017.
3Q/16: Changed PRA Parameter(s).

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	1.19E-08	3.25E-08	5.66E-09	9.11E-09	8.37E-09	1.09E-08	1.03E-08	1.25E-08
URI (ΔCDF)	-3.00E-08	-3.00E-08	-1.08E-08	-1.08E-08	-1.08E-08	-1.08E-08	-1.08E-08	-1.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.80E-08**	**2.50E-09**	**-5.20E-09**	**-1.70E-09**	**-2.40E-09**	**6.90E-11**	**-5.00E-10**	**1.70E-09**

TOP

Licensee Comments:
4Q/16: Changed PRA Parameter(s). The following comments should have been included with the Oconee third quarter submittal. The Oconee Units 1, 2, and 3 PRA Model, Revision 7, was approved on 4/1/16, and a corresponding MSPI Basis Document Revision 18 was

approved on 10/6/16. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The changes were entered into CDE on 10/6/16, and the changes are effective for third quarter 2016. On 10/19/16, risk metrics for the Cooling Water System were recalculated using the method described for making corrections to FV/UA and FV/UR ratios for fault trees using modeling method 2 as described in NEI 99-02. The MSPI Basis Document revision 20 was approved on 10/19/16, and the corresponding changes were entered into CDE on 10/19/16. The changes are effective for the third quarter 2016.
3Q/16: Changed PRA Parameter(s).

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum activity	0.000171	0.000196	0.000118	0.000156	0.000230	0.000157	0.000245	0.000193	0.000177	0.000218	0.000206	0.000084
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	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17	10/17	11/17	12/17
Maximum activity	0.000270	0.000152	0.000149	0.000123	0.000127	0.000108	0.000104	0.000136	0.000135	0.000118	0.000130	0.000109
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**

TOP

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**	**10/16**	**11/16**	**12/16**
Maximum leakage	0.026	0.038	0.031	0.023	0.028	0.021	0.036	0.036	0.034	0.063	0.075	0.151
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**	**0.4**	**0.3**	**0.2**	**0.3**	**0.2**	**0.4**	**0.4**	**0.3**	**0.6**	**0.8**	**1.5**

Reactor Coolant System Leakage	**1/17**	**2/17**	**3/17**	**4/17**	**5/17**	**6/17**	**7/17**	**8/17**	**9/17**	**10/17**	**11/17**	**12/17**
Maximum leakage	0.141	0.079	0.135	0.038	0.042	0.038	0.045	0.047	0.055	0.054	0.079	0.058
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	**1.4**	**0.8**	**1.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.6**	**0.5**	**0.8**	**0.6**

TOP

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful opportunities	63.0	25.0	39.0	10.0	11.0	0	43.0	28.0
Total opportunities	63.0	26.0	43.0	10.0	11.0	0	43.0	28.0
Indicator value	**97.4%**	**97.2%**	**96.1%**	**96.4%**	**96.8%**	**96.4%**	**97.2%**	**97.8%**

TOP

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Participating Key personnel	124.0	129.0	130.0	129.0	129.0	126.0	139.0	142.0
Total Key personnel	124.0	129.0	130.0	129.0	129.0	134.0	139.0	142.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**94.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments:
3Q/17: The ERO Participation PI Data for 2nd Quarter 2017 has been updated and is different than previously reported. This update did not result in a color change for the performance indicator.

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful siren-tests	1752	1754	1754	1727	1754	1753	1686	1653
Total sirens-tests	1755	1755	1755	1727	1755	1755	1690	1653
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**99.9%**	**99.9%**	**99.9%**

TOP

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
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**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: February 1, 2018

Page Last Reviewed/Updated Monday, November 06, 2017