Vogtle 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	0	0	0
Critical hours	1531.7	2183.0	2208.0	2209.0	2184.0
Indicator value	**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/99	2Q/99	3Q/99	4Q/99	1Q/00
Scrams	0	0	0	0	0
Indicator value				**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	0	0	0
Critical hours	1531.7	2183.0	2208.0	2209.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	0	0.36	1.33
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	2184.00
Train 2					
Planned unavailable hours	0	0.65	0	15.23	1.62
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	2184.00
Indicator value				**0.7%**	**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)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	2.75	0.25	1.08	0	42.84
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	1531.70	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	10.48	0.53	1.18	0	26.62
Unplanned unavailable hours	2.19	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1531.70	2183.00	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	3.83	5.75	7.77	5.03	15.06
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	1531.70	2183.00	2208.00	2209.00	2184.00
Train 4					
Planned unavailable hours	0.37	2.54	9.88	0	28.24
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	1531.70	2183.00	2208.00	2209.00	2184.00
Indicator value				**0.3%**	**0.4%**

Licensee Comments:

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

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	0	0	0	2.03	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	1531.70	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	0	1.87	0	0	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	1531.70	2183.00	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	0	0	0	0	3.74
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	1531.70	2183.00	2208.00	2209.00	2184.00
Indicator value				**0.1%**	**0.1%**

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	19.60	0	0	0	12.15
Unplanned unavailable hours	1.15	1.15	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	2184.00
Train 2					
Planned unavailable hours	16.30	0	0	0	13.33
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	2184.00
Indicator value				**0.2%**	**0.3%**

Licensee Comments:

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

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

Licensee Comments: none

Reactor Coolant System Activity

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	0.001870	0.001300	0.001210	0.001350	0.001370	0.001460	0.001880	0.002240	0.001920	0.002060	0.001949	0.002150
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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**

Licensee Comments:

12/99: December 1999 value originally reported the value as a per cent value (0.192), not the actual value (0.00192). The revision does not affect the color of the PI.

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	0.203	0.159	0.163	0.172	0.147	0.135	0.163	0.173	0.166	0.166	0.159	0.158
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**	**1.6**	**1.6**	**1.7**	**1.5**	**1.4**	**1.6**	**1.7**	**1.7**	**1.7**	**1.6**	**1.6**

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	44.0	97.0	111.0	70.0	119.0
Total opportunities	44.0	102.0	114.0	72.0	124.0
Indicator value				**98.6%**	**98.1%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel				107.0	94.0
Total Key personnel				121.0	106.0
Indicator value				**88.4%**	**88.7%**

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	607	607	595	592	569
Total sirens-tests	611	611	611	611	611
Indicator value	**99.2%**	**99.3%**	**98.9%**	**98.2%**	**96.7%**

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	**1**	**1**	**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	16.90	8.50	38.30	54.10	1.03
CCTV compensatory hours	4.2	6.3	86.8	23.7	9.7
IDS normalization factor	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.006**	**0.005**	**0.011**	**0.009**	**0.009**

Licensee Comments: none

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

Vogtle 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	0	0	0	1.0
Critical hours	2183.0	2208.0	2209.0	2184.0	2148.6
Indicator value	**0**	**0**	**0**	**0**	**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/99	3Q/99	4Q/99	1Q/00	2Q/00
Scrams	0	0	0	0	0
Indicator value			**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	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	2184.0	2148.6
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	0	0.36	1.33	1.68
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	2184.00	2183.00
Train 2					
Planned unavailable hours	0.65	0	15.23	1.62	1.83
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	2184.00	2183.00
Indicator value			**0.7%**	**0.7%**	**0.7%**

Licensee Comments:

2Q/00: Changes due to re-review because of support system and dedicated operator issues

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	0.25	1.08	0	42.84	21.27
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	2184.00	2148.57
Train 2					
Planned unavailable hours	0.53	1.18	0	26.62	8.15
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	2184.00	2148.57
Train 3					
Planned unavailable hours	5.75	7.77	5.03	15.06	49.83
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	2184.00	2148.57
Train 4					
Planned unavailable hours	2.54	9.88	0	28.24	9.62
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	2184.00	2148.57
Indicator value			**0.3%**	**0.4%**	**0.4%**

Licensee Comments:

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of support system and dedicated operator issues

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

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	0	2.03	0	3.89
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	2184.00	2148.57
Train 2					
Planned unavailable hours	1.87	0	0	0	6.20
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	2184.00	2148.57
Train 3					
Planned unavailable hours	0	0	0	3.74	1.67
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	2184.00	2148.57
Indicator value			**0.1%**	**0.1%**	**0.1%**

Licensee Comments:

2Q/00: Changes due to re-review because of support system and dedicated operator issues

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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	0	0	0	12.15	25.57
Unplanned unavailable hours	1.15	0	0	0	3.40
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	0	0	0	13.33	12.71
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	2184.00	2183.00
Indicator value			**0.2%**	**0.3%**	**0.3%**

Licensee Comments:

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of support system and dedicated operator issues

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

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

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	0.001350	0.001370	0.001460	0.001880	0.002240	0.001920	0.002060	0.001949	0.002150	0.002300	0.002460	0.003680
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**	**0.2**	**0.2**	**0.2**	**0.2**	**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	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	0.172	0.147	0.135	0.163	0.173	0.166	0.166	0.159	0.158	0.250	0.240	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	**1.7**	**1.5**	**1.4**	**1.6**	**1.7**	**1.7**	**1.7**	**1.6**	**1.6**	**2.5**	**2.4**	**1.9**

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	97.0	111.0	70.0	119.0	136.0
Total opportunities	102.0	114.0	72.0	124.0	136.0
Indicator value			**98.6%**	**98.1%**	**98.1%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel			107.0	94.0	92.0
Total Key personnel			121.0	106.0	105.0
Indicator value			**88.4%**	**88.7%**	**87.6%**

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	607	595	592	569	588
Total sirens-tests	611	611	611	611	611
Indicator value	**99.3%**	**98.9%**	**98.2%**	**96.7%**	**95.9%**

Licensee Comments: none

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	**1**	**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

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	8.50	38.30	54.10	1.03	37.01
CCTV compensatory hours	6.3	86.8	23.7	9.7	14.0
IDS normalization factor	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.005**	**0.011**	**0.009**	**0.009**	**0.010**

Licensee Comments: none

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

Vogtle 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	0	0	0	1.0	0
Critical hours	2208.0	2209.0	2184.0	2148.6	1875.0
Indicator value	**0**	**0**	**0**	**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	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Scrams	0	0	0	0	0
Indicator value		**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	0	0	0	0	0
Critical hours	2208.0	2209.0	2184.0	2148.6	1875.0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	0.36	1.33	1.68	2.03
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	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	0	15.23	1.62	1.83	4.43
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	2184.00	2183.00	2208.00
Indicator value		**0.7%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments:

3Q/00: Changes due to re-review because of support system and dedicated operator issues

2Q/00: Changes due to re-review because of support system and dedicated operator issues

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	1.08	0	42.84	21.27	3.74
Unplanned unavailable hours	0	0	0	0	1.37
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2148.57	1875.00
Train 2					
Planned unavailable hours	1.18	0	26.62	8.15	5.48
Unplanned unavailable hours	0	0	0	0	0.02
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2148.57	1875.00
Train 3					
Planned unavailable hours	7.77	5.03	15.06	49.83	5.90
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	2208.00	2209.00	2184.00	2148.57	1875.00
Train 4					
Planned unavailable hours	9.88	0	28.24	9.62	7.16
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	2184.00	2148.57	1875.00
Indicator value		**0.3%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments:

3Q/00: Changes due to re-review because of support system and dedicated operator issues

3Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of support system and dedicated operator issues

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

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	0	2.03	0	3.89	4.24
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	2184.00	2148.57	1875.00
Train 2					
Planned unavailable hours	0	0	0	6.20	7.81
Unplanned unavailable hours	0	0	0	0	0.92
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2148.57	1875.00
Train 3					

Planned unavailable hours	0	0	3.74	1.67	2.08
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	2184.00	2148.57	1875.00
Indicator value		**0.1%**	**0.1%**	**0.1%**	**0.1%**

Licensee Comments:

3Q/00: Changes due to re-review because of support system and dedicated operator issues

2Q/00: Changes due to re-review because of support system and dedicated operator issues

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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	0	0	12.15	25.57	28.39
Unplanned unavailable hours	0	0	0	3.40	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
Train 2					
Planned unavailable hours	0	0	13.33	12.71	27.60
Unplanned unavailable hours	0	0	0	0	7.17

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		**0.2%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments:

3Q/00: Changes due to re-review because of support system and dedicated operator issues

3Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of support system and dedicated operator issues

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

Safety System Functional Failures (PWR)

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

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	0.001880	0.002240	0.001920	0.002060	0.001949	0.002150	0.002300	0.002460	0.003680	0.002330	0.002330	0.001890
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**	**0.2**	**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	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	0.163	0.173	0.166	0.166	0.159	0.158	0.250	0.240	0.190	0.189	0.222	0.202
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**	**1.7**	**1.7**	**1.7**	**1.6**	**1.6**	**2.5**	**2.4**	**1.9**	**1.9**	**2.2**	**2.0**

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	111.0	70.0	119.0	136.0	127.0
Total opportunities	114.0	72.0	124.0	136.0	130.0
Indicator value		**98.6%**	**98.1%**	**98.1%**	**97.8%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel		107.0	94.0	92.0	110.0
Total Key personnel		121.0	106.0	105.0	115.0
Indicator value		**88.4%**	**88.7%**	**87.6%**	**95.7%**

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	595	592	569	588	595
Total sirens-tests	611	611	611	611	611
Indicator value	**98.9%**	**98.2%**	**96.7%**	**95.9%**	**95.9%**

Licensee Comments: none

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	38.30	54.10	1.03	37.01	51.84
CCTV compensatory hours	86.8	23.7	9.7	14.0	2.9
IDS normalization factor	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.011**	**0.009**	**0.009**	**0.010**	**0.006**

Licensee Comments: none

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

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: March 29, 2002

Vogtle 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	1.0	0	1.0
Critical hours	2209.0	2184.0	2148.6	1875.0	1804.2
Indicator value	**0**	**0**	**0.8**	**0.8**	**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	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	0	0	0	0	0
Critical hours	2209.0	2184.0	2148.6	1875.0	1804.2
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0.36	1.33	1.68	2.03	1.89
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	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	15.23	1.62	1.83	4.43	3.45
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	2184.00	2183.00	2208.00	2209.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments:

3Q/00: Changes due to re-review because of support system and dedicated operator issues

2Q/00: Changes due to re-review because of support system and dedicated operator issues

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	42.84	21.27	3.74	5.31
Unplanned unavailable hours	0	0	0	1.37	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2148.57	1875.00	1804.16
Train 2					
Planned unavailable hours	0	26.62	8.15	5.48	7.32
Unplanned unavailable hours	0	0	0	0.02	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2148.57	1875.00	1804.16
Train 3					
Planned unavailable hours	5.03	15.06	49.83	5.90	6.61
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	2184.00	2148.57	1875.00	1804.16
Train 4					
Planned unavailable hours	0	28.24	9.62	7.16	10.63
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	2184.00	2148.57	1875.00	1804.16
Indicator value	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**0.5%**

Licensee Comments:

4Q/00: Changes due to re-review because of Room Cooler Out of Service time.

4Q/00: Changes due to re-review because of support system and dedicated operator issues

3Q/00: Changes due to re-review because of support system and dedicated operator issues

3Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of support system and dedicated operator issues

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

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	2.03	0	3.89	4.24	4.51
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	2184.00	2148.57	1875.00	1804.16
Train 2					
Planned unavailable hours	0	0	6.20	7.81	1.95
Unplanned unavailable hours	0	0	0	0.92	0
Fault exposure hours	0	0	0	0	0

Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2148.57	1875.00	1804.16
Train 3					
Planned unavailable hours	0	3.74	1.67	2.08	18.31
Unplanned unavailable hours	0	0	0	0	0.08
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2148.57	1875.00	1804.16
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.2%**

Licensee Comments:

3Q/00: Changes due to re-review because of support system and dedicated operator issues

2Q/00: Changes due to re-review because of support system and dedicated operator issues

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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	0	12.15	25.57	28.39	9.43
Unplanned unavailable hours	0	0	3.40	0	0
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

Train 2					
Planned unavailable hours	0	13.33	12.71	27.60	12.10
Unplanned unavailable hours	0	0	0	7.17	0
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	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**

Licensee Comments:

4Q/00: Changes due to re-review because of Room Cooler Out of Service time.

4Q/00: Changes due to re-review because of support system and dedicated operator issues

3Q/00: Changes due to re-review because of support system and dedicated operator issues

3Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of support system and dedicated operator issues

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00

Safety System Functional Failures	1	0	0	0	1
Indicator value	**1**	**1**	**1**	**1**	**1**

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	0.002060	0.001949	0.002150	0.002300	0.002460	0.003680	0.002330	0.002330	0.001890	0.000392	0.000496	0.000575
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**	**0.4**	**0.2**	**0.2**	**0.2**	**0**	**0**	**0.1**

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	0.166	0.159	0.158	0.250	0.240	0.190	0.189	0.222	0.202	0.291	0.121	0.113
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	**1.7**	**1.6**	**1.6**	**2.5**	**2.4**	**1.9**	**1.9**	**2.2**	**2.0**	**2.9**	**1.2**	**1.1**

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
Successful opportunities	70.0	119.0	136.0	127.0	62.0
Total opportunities	72.0	124.0	136.0	130.0	64.0
Indicator value	**98.6%**	**98.1%**	**98.1%**	**97.8%**	**97.5%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	107.0	94.0	92.0	110.0	116.0
Total Key personnel	121.0	106.0	105.0	115.0	118.0
Indicator value	**88.4%**	**88.7%**	**87.6%**	**95.7%**	**98.3%**

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	592	569	588	595	599
Total sirens-tests	611	611	611	611	611
Indicator value	**98.2%**	**96.7%**	**95.9%**	**95.9%**	**96.2%**

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
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	54.10	1.03	37.01	51.84	167.85
CCTV compensatory hours	23.7	9.7	14.0	2.9	566.5
IDS normalization factor	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.009**	**0.009**	**0.010**	**0.006**	**0.039**

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
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

Vogtle 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	1.0	0	1.0	0
Critical hours	2209.0	2184.0	2148.6	1875.0	1804.2	2160.0
Indicator value	**0**	**0**	**0.8**	**0.8**	**1.7**	**1.8**

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	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	0	0	0	0	0	0
Critical hours	2209.0	2184.0	2148.6	1875.0	1804.2	2160.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0.36	1.33	1.68	2.03	1.89	24.53
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	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	15.23	1.62	1.83	4.43	3.45	1.03
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	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**

Licensee Comments:

3Q/00: Changes due to re-review because of support system and dedicated operator issues

2Q/00: Changes due to re-review because of support system and dedicated operator issues

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	42.84	21.27	3.74	5.31	5.90
Unplanned unavailable hours	0	0	0	1.37	0	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	2148.57	1875.00	1804.16	2160.00
Train 2						
Planned unavailable hours	0	26.62	8.15	5.48	7.32	32.45
Unplanned unavailable hours	0	0	0	0.02	0	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	2148.57	1875.00	1804.16	2160.00
Train 3						
Planned unavailable hours	5.03	15.06	49.83	5.90	6.61	7.65
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	2184.00	2148.57	1875.00	1804.16	2160.00
Train 4						
Planned unavailable hours	0	28.24	9.62	7.16	10.63	34.05
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	2184.00	2148.57	1875.00	1804.16	2160.00
Indicator value	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**

Licensee Comments:

1Q/01: Changes due to re-review because of Room Cooler Out of Service time.

4Q/00: Changes due to re-review because of Room Cooler Out of Service time.

4Q/00: Changes due to re-review because of support system and dedicated operator issues

3Q/00: Changes due to re-review because of Room Cooler Out of Service time.

3Q/00: Changes due to re-review because of support system and dedicated operator issues

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of support system and dedicated operator issues

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

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	2.03	0	3.89	4.24	4.51	5.89
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	2184.00	2148.57	1875.00	1804.16	2160.00
Train 2						
Planned unavailable hours	0	0	6.20	7.81	1.95	7.06

Unplanned unavailable hours	0	0	0	0.92	0	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	2148.57	1875.00	1804.16	2160.00
Train 3						
Planned unavailable hours	0	3.74	1.67	2.08	18.31	1.67
Unplanned unavailable hours	0	0	0	0	0.08	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	2148.57	1875.00	1804.16	2160.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.2%**	**0.2%**

Licensee Comments:

3Q/00: Changes due to re-review because of support system and dedicated operator issues

2Q/00: Changes due to re-review because of support system and dedicated operator issues

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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	0	12.15	25.57	28.39	9.43	8.59
Unplanned unavailable hours	0	0	3.40	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	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	0	13.33	12.71	27.60	12.10	37.08
Unplanned unavailable hours	0	0	0	7.17	0	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	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**

Licensee Comments:

1Q/01: Changes due to re-review because of Room Cooler Out of Service time.

4Q/00: Changes due to re-review because of Room Cooler Out of Service time.

4Q/00: Changes due to re-review because of support system and dedicated operator issues

3Q/00: Changes due to re-review because of Room Cooler Out of Service time.

3Q/00: Changes due to re-review because of support system and dedicated operator issues

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of support system and dedicated operator issues

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

Safety System Functional Failures (PWR)

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

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	0.001880	0.002240	0.001920	0.002060	0.001949	0.002150	0.002300	0.002460	0.003680	0.002330	0.002330	0.001890
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**	**0.2**	**0.4**	**0.2**	**0.2**	**0.2**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000392	0.000496	0.000575	0.000779	0.000535	0.000653
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

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	0.163	0.173	0.166	0.166	0.159	0.158	0.250	0.240	0.190	0.189	0.222	0.202
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**	**1.7**	**1.7**	**1.7**	**1.6**	**1.6**	**2.5**	**2.4**	**1.9**	**1.9**	**2.2**	**2.0**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.291	0.121	0.113	0.109	0.101	0.100
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.9**	**1.2**	**1.1**	**1.1**	**1.0**	**1.0**

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	70.0	119.0	136.0	127.0	62.0	64.0
Total opportunities	72.0	124.0	136.0	130.0	64.0	64.0
Indicator value	**98.6%**	**98.1%**	**98.1%**	**97.8%**	**97.5%**	**97.5%**

Licensee Comments: none

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	107.0	94.0	92.0	110.0	116.0	112.0
Total Key personnel	121.0	106.0	105.0	115.0	118.0	114.0
Indicator value	**88.4%**	**88.7%**	**87.6%**	**95.7%**	**98.3%**	**98.2%**

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	592	569	588	595	599	601
Total sirens-tests	611	611	611	611	611	611
Indicator value	**98.2%**	**96.7%**	**95.9%**	**95.9%**	**96.2%**	**97.5%**

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	54.10	1.03	37.01	51.84	167.85	88.57
CCTV compensatory hours	23.7	9.7	14.0	2.9	566.5	2.7
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.009**	**0.009**	**0.010**	**0.006**	**0.039**	**0.040**

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
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

Last Modified: March 28, 2002

Vogtle 1

2Q/2001 Performance Indicators

Licensee's General Comments: Re-submittal of 2nd Quarter data due to inadvertently omitting June 2001 Data

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	1.0	0	1.0	0	0
Critical hours	2209.0	2184.0	2148.6	1875.0	1804.2	2160.0	2183.0
Indicator value	**0**	**0**	**0.8**	**0.8**	**1.7**	**1.8**	**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	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	0	0	0	0	0	0	0
Critical hours	2209.0	2184.0	2148.6	1875.0	1804.2	2160.0	2183.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0.36	1.33	1.68	2.03	1.89	24.53	14.35
Unplanned unavailable hours	0	0	0	0	0	0	3.00
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
Train 2							
Planned unavailable hours	15.23	1.62	1.83	4.43	3.45	1.03	2.31
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**	**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)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	42.84	21.27	3.74	5.31	5.90	16.99
Unplanned unavailable hours	0	0	0	1.37	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	2184.00	2148.57	1875.00	1804.16	2160.00	2183.00
Train 2							
Planned unavailable hours	0	26.62	8.15	5.48	7.32	32.45	3.12
Unplanned unavailable hours	0	0	0	0.02	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	2184.00	2148.57	1875.00	1804.16	2160.00	2183.00
Train 3							
Planned unavailable hours	5.03	15.06	49.83	5.90	6.61	7.65	19.28
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	2184.00	2148.57	1875.00	1804.16	2160.00	2183.00
Train 4							
Planned unavailable hours	0	28.24	9.62	7.16	10.63	34.05	5.12
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	2184.00	2148.57	1875.00	1804.16	2160.00	2183.00
Indicator value	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.6%**

Licensee Comments:

1Q/01: Changes due to re-review because of Room Cooler Out of Service time.

4Q/00: Changes due to re-review because of Room Cooler Out of Service time.

3Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

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	2.03	0	3.89	4.24	4.51	5.89	5.93
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	2184.00	2148.57	1875.00	1804.16	2160.00	2183.00
Train 2							
Planned unavailable hours	0	0	6.20	7.81	1.95	7.06	2.94
Unplanned unavailable hours	0	0	0	0.92	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	2184.00	2148.57	1875.00	1804.16	2160.00	2183.00
Train 3							

Planned unavailable hours	0	3.74	1.67	2.08	18.31	1.67	2.45
Unplanned unavailable hours	0	0	0	0	0.08	0	0.39
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	2148.57	1875.00	1804.16	2160.00	2183.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.2%**	**0.2%**	**0.2%**

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	0	12.15	25.57	28.39	9.43	8.59	39.55
Unplanned unavailable hours	0	0	3.40	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	0	13.33	12.71	27.60	12.10	37.08	6.17
Unplanned unavailable hours	0	0	0	7.17	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00

Indicator value	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**0.5%**

Licensee Comments:

1Q/01: Changes due to re-review because of Room Cooler Out of Service time.

4Q/00: Changes due to re-review because of Room Cooler Out of Service time.

3Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

Safety System Functional Failures (PWR)

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

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	0.001880	0.002240	0.001920	0.002060	0.001949	0.002150	0.002300	0.002460	0.003680	0.002330	0.002330	0.001890
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**	**0.2**	**0.4**	**0.2**	**0.2**	**0.2**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000392	0.000496	0.000575	0.000779	0.000535	0.000653	0.000662	0.000692	0.000646
Technical specification limit	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**

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	0.163	0.173	0.166	0.166	0.159	0.158	0.250	0.240	0.190	0.189	0.222	0.202
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**	**1.7**	**1.7**	**1.7**	**1.6**	**1.6**	**2.5**	**2.4**	**1.9**	**1.9**	**2.2**	**2.0**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.291	0.121	0.113	0.109	0.101	0.100	0.109	0.108	0.098
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.9**	**1.2**	**1.1**	**1.1**	**1.0**	**1.0**	**1.1**	**1.1**	**1.0**

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	70.0	119.0	136.0	127.0	62.0	64.0	85.0
Total opportunities	72.0	124.0	136.0	130.0	64.0	64.0	91.0
Indicator value	**98.6%**	**98.1%**	**98.1%**	**97.8%**	**97.5%**	**97.5%**	**97.4%**

Licensee Comments: none

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	107.0	94.0	92.0	110.0	116.0	112.0	114.0
Total Key personnel	121.0	106.0	105.0	115.0	118.0	114.0	115.0
Indicator value	**88.4%**	**88.7%**	**87.6%**	**95.7%**	**98.3%**	**98.2%**	**99.1%**

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	592	569	588	595	599	601	606
Total sirens-tests	611	611	611	611	611	611	610
Indicator value	**98.2%**	**96.7%**	**95.9%**	**95.9%**	**96.2%**	**97.5%**	**98.3%**

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

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
IDS compensatory hours	54.10	1.03	37.01	51.84	167.85	88.57	29.10
CCTV compensatory hours	23.7	9.7	14.0	2.9	566.5	2.7	19.7
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.009**	**0.009**	**0.010**	**0.006**	**0.039**	**0.040**	**0.040**

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
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

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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	1.0	0	1.0	0	0	1.0
Critical hours	2209.0	2184.0	2148.6	1875.0	1804.2	2160.0	2183.0	2182.1
Indicator value	**0**	**0**	**0.8**	**0.8**	**1.7**	**1.8**	**0.9**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
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/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2184.0	2148.6	1875.0	1804.2	2160.0	2183.0	2182.1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0.36	1.33	1.68	2.03	1.89	24.53	14.35	3.65
Unplanned unavailable hours	0	0	0	0	0	0	3.00	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	15.23	1.62	1.83	4.43	3.45	1.03	2.31	50.37
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**	**0.8%**	**0.9%**

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/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	42.84	21.27	3.74	5.31	5.90	16.99	59.47
Unplanned unavailable hours	0	0	0	1.37	0	0	0	5.82
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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12
Train 2								
Planned unavailable hours	0	26.62	8.15	5.48	7.32	32.45	3.12	45.91
Unplanned unavailable hours	0	0	0	0.02	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	2184.00	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12
Train 3								
Planned unavailable hours	5.03	15.06	49.83	5.90	6.61	7.65	19.28	60.02
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	2184.00	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12
Train 4								
Planned unavailable hours	0	28.24	9.62	7.16	10.63	34.05	5.12	47.28
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	2184.00	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12
Indicator value	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.6%**	**0.8%**

Licensee Comments:

1Q/01: Changes due to re-review because of Room Cooler Out of Service time.

4Q/00: Changes due to re-review because of Room Cooler Out of Service time.

3Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

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	2.03	0	3.89	4.24	4.51	5.89	5.93	2.82
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	2184.00	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12
Train 2								
Planned unavailable hours	0	0	6.20	7.81	1.95	7.06	2.94	8.68
Unplanned unavailable hours	0	0	0	0.92	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	2184.00	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12
Train 3								

Planned unavailable hours	0	3.74	1.67	2.08	18.31	1.67	2.45	2.68
Unplanned unavailable hours	0	0	0	0	0.08	0	0.39	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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

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	0	12.15	25.57	28.39	9.43	8.59	39.55	6.92
Unplanned unavailable hours	0	0	3.40	0	0	0	0	5.82
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
Train 2								
Planned unavailable hours	0	13.33	12.71	27.60	12.10	37.08	6.17	53.50
Unplanned unavailable hours	0	0	0	7.17	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00

Indicator value	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**0.5%**	**0.7%**

Licensee Comments:

1Q/01: Changes due to re-review because of Room Cooler Out of Service time.

4Q/00: Changes due to re-review because of Room Cooler Out of Service time.

3Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

Safety System Functional Failures (PWR)

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

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	0.001880	0.002240	0.001920	0.002060	0.001949	0.002150	0.002300	0.002460	0.003680	0.002330	0.002330	0.001890
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**	**0.2**	**0.4**	**0.2**	**0.2**	**0.2**

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	0.000392	0.000496	0.000575	0.000779	0.000535	0.000653	0.000662	0.000692	0.000646	0.000693	0.000759	0.000867
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	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	0.163	0.173	0.166	0.166	0.159	0.158	0.250	0.240	0.190	0.189	0.222	0.202
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**	**1.7**	**1.7**	**1.7**	**1.6**	**1.6**	**2.5**	**2.4**	**1.9**	**1.9**	**2.2**	**2.0**

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	0.291	0.121	0.113	0.109	0.101	0.100	0.109	0.108	0.098	0.069	0.062	0.011
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**	**1.2**	**1.1**	**1.1**	**1.0**	**1.0**	**1.1**	**1.1**	**1.0**	**0.7**	**0.6**	**0.1**

Licensee Comments: none

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	70.0	119.0	136.0	127.0	62.0	64.0	85.0	163.0
Total opportunities	72.0	124.0	136.0	130.0	64.0	64.0	91.0	169.0
Indicator value	**98.6%**	**98.1%**	**98.1%**	**97.8%**	**97.5%**	**97.5%**	**97.4%**	**97.2%**

Licensee Comments: none

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	107.0	94.0	92.0	110.0	116.0	112.0	114.0	116.0
Total Key personnel	121.0	106.0	105.0	115.0	118.0	114.0	115.0	117.0
Indicator value	**88.4%**	**88.7%**	**87.6%**	**95.7%**	**98.3%**	**98.2%**	**99.1%**	**99.1%**

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	592	569	588	595	599	601	606	572
Total sirens-tests	611	611	611	611	611	611	610	611
Indicator value	**98.2%**	**96.7%**	**95.9%**	**95.9%**	**96.2%**	**97.5%**	**98.3%**	**97.3%**

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	54.10	1.03	37.01	51.84	167.85	88.57	29.10	132.00
CCTV compensatory hours	23.7	9.7	14.0	2.9	566.5	2.7	19.7	20.9
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.009**	**0.009**	**0.010**	**0.006**	**0.039**	**0.040**	**0.040**	**0.043**

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

Vogtle 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	1.0	0	1.0	0	0	1.0	0
Critical hours	2184.0	2148.6	1875.0	1804.2	2160.0	2183.0	2182.1	2209.0
Indicator value	**0**	**0.8**	**0.8**	**1.7**	**1.8**	**0.9**	**1.7**	**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	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/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2148.6	1875.0	1804.2	2160.0	2183.0	2182.1	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	1.33	1.68	2.03	1.89	24.53	14.35	3.65	6.34
Unplanned unavailable hours	0	0	0	0	0	3.00	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	1.62	1.83	4.43	3.45	1.03	2.31	50.37	2.41
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	2183.00	2208.00	2209.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**	**0.8%**	**0.9%**	**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/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	42.84	21.27	3.74	5.31	5.90	16.99	59.47	12.94
Unplanned unavailable hours	0	0	1.37	0	0	0	5.82	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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00
Train 2								
Planned unavailable hours	26.62	8.15	5.48	7.32	32.45	3.12	45.91	24.19
Unplanned unavailable hours	0	0	0.02	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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00
Train 3								
Planned unavailable hours	15.06	49.83	5.90	6.61	7.65	19.28	60.02	15.08
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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00
Train 4								
Planned unavailable hours	28.24	9.62	7.16	10.63	34.05	5.12	47.28	72.50
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	2184.00	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00
Indicator value	**0.4%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.6%**	**0.8%**	**0.8%**

Licensee Comments:

1Q/01: Changes due to re-review because of Room Cooler Out of Service time.

4Q/00: Changes due to re-review because of Room Cooler Out of Service time.

3Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

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	0	3.89	4.24	4.51	5.89	5.93	2.82	12.89
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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00
Train 2								
Planned unavailable hours	0	6.20	7.81	1.95	7.06	2.94	8.68	6.35
Unplanned unavailable hours	0	0	0.92	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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00
Train 3								
Planned unavailable hours	3.74	1.67	2.08	18.31	1.67	2.45	2.68	2.52
Unplanned unavailable hours	0	0	0	0.08	0	0.39	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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

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	12.15	25.57	28.39	9.43	8.59	39.55	6.92	14.89
Unplanned unavailable hours	0	3.40	0	0	0	0	5.82	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
Train 2								
Planned unavailable hours	13.33	12.71	27.60	12.10	37.08	6.17	53.50	18.61
Unplanned unavailable hours	0	0	7.17	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	2183.00	2208.00	2209.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**0.5%**	**0.7%**	**0.7%**

Licensee Comments:

1Q/01: Changes due to re-review because of Room Cooler Out of Service time.

4Q/00: Changes due to re-review because of Room Cooler Out of Service time.

3Q/00: Changes due to re-review because of Room Cooler Out of Service time.

2Q/00: Changes due to re-review because of Room Cooler Out of Service time.

1Q/00: Changes due to re-review because of Room Cooler Out of Service time.

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	1	0	0	0	0
Indicator value	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**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	0.002060	0.001949	0.002150	0.002300	0.002460	0.003680	0.002330	0.002330	0.001890	0.000392	0.000496	0.000575
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**	**0.4**	**0.2**	**0.2**	**0.2**	**0**	**0**	**0.1**

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	0.000779	0.000535	0.000653	0.000662	0.000692	0.000646	0.000693	0.000759	0.000867	0.000796	0.000995	0.000961
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	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	0.166	0.159	0.158	0.250	0.240	0.190	0.189	0.222	0.202	0.291	0.121	0.113
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	**1.7**	**1.6**	**1.6**	**2.5**	**2.4**	**1.9**	**1.9**	**2.2**	**2.0**	**2.9**	**1.2**	**1.1**

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	0.109	0.101	0.100	0.109	0.108	0.098	0.069	0.062	0.011	0.086	0.065	0.084
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**	**1.0**	**1.0**	**1.1**	**1.1**	**1.0**	**0.7**	**0.6**	**0.1**	**0.9**	**0.7**	**0.8**

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	119.0	136.0	127.0	62.0	64.0	85.0	163.0	143.0
Total opportunities	124.0	136.0	130.0	64.0	64.0	91.0	169.0	148.0
Indicator value	**98.1%**	**98.1%**	**97.8%**	**97.5%**	**97.5%**	**97.4%**	**97.2%**	**97.1%**

Licensee Comments: none

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	94.0	92.0	110.0	116.0	112.0	114.0	116.0	120.0
Total Key personnel	106.0	105.0	115.0	118.0	114.0	115.0	117.0	121.0
Indicator value	**88.7%**	**87.6%**	**95.7%**	**98.3%**	**98.2%**	**99.1%**	**99.1%**	**99.2%**

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	569	588	595	599	601	606	572	648
Total sirens-tests	611	611	611	611	611	610	611	658
Indicator value	**96.7%**	**95.9%**	**95.9%**	**96.2%**	**97.5%**	**98.3%**	**97.3%**	**97.5%**

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	1.03	37.01	51.84	167.85	88.57	29.10	132.00	85.98
CCTV compensatory hours	9.7	14.0	2.9	566.5	2.7	19.7	20.9	0
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.009**	**0.010**	**0.006**	**0.039**	**0.040**	**0.040**	**0.043**	**0.009**

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

Last Modified: March 15, 2002

Vogtle 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	1.0	0	1.0	0	0	1.0	0	0
Critical hours	2148.6	1875.0	1804.2	2160.0	2183.0	2182.1	2209.0	1537.5
Indicator value	**0.8**	**0.8**	**1.7**	**1.8**	**0.9**	**1.7**	**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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2148.6	1875.0	1804.2	2160.0	2183.0	2182.1	2209.0	1537.5
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	1.68	2.03	1.89	24.53	14.35	3.65	6.34	1.88
Unplanned unavailable hours	0	0	0	0	3.00	0	0	10.75
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	1.83	4.43	3.45	1.03	2.31	50.37	2.41	2.15
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	**0.7%**	**0.7%**	**0.7%**	**0.8%**	**0.8%**	**0.9%**	**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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	21.27	3.74	5.31	5.90	16.99	59.47	12.94	5.69
Unplanned unavailable hours	0	1.37	0	0	0	5.82	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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52
Train 2								
Planned unavailable hours	8.15	5.48	7.32	32.45	3.12	45.91	24.19	3.45
Unplanned unavailable hours	0	0.02	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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52
Train 3								
Planned unavailable hours	49.83	5.90	6.61	7.65	19.28	60.02	15.08	9.38
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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52
Train 4								
Planned unavailable hours	9.62	7.16	10.63	34.05	5.12	47.28	72.50	5.01
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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52
Indicator value	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.6%**	**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)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	3.89	4.24	4.51	5.89	5.93	2.82	12.89	5.57
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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52
Train 2								
Planned unavailable hours	6.20	7.81	1.95	7.06	2.94	8.68	6.35	4.23
Unplanned unavailable hours	0	0.92	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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52
Train 3								
Planned unavailable hours	1.67	2.08	18.31	1.67	2.45	2.68	2.52	1.29
Unplanned unavailable hours	0	0	0.08	0	0.39	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	2148.57	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52
Indicator value	**0.1%**	**0.1%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

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/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	25.57	28.39	9.43	8.59	39.55	6.92	14.89	27.24
Unplanned unavailable hours	3.40	0	0	0	0	5.82	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	12.71	27.60	12.10	37.08	6.17	53.50	18.61	29.82
Unplanned unavailable hours	0	7.17	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	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**0.5%**	**0.7%**	**0.7%**	**0.8%**

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	1	0	0	0	0	0
Indicator value	**1**	**1**	**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	**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	0.002300	0.002460	0.003680	0.002330	0.002330	0.001890	0.000392	0.000496	0.000575	0.000779	0.000535	0.000653
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**	**0.2**	**0.2**	**0.2**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.000662	0.000692	0.000646	0.000693	0.000759	0.000867	0.000796	0.000995	0.000961	0.001060	0.001475	0.001530
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**	**0.2**

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	0.250	0.240	0.190	0.189	0.222	0.202	0.291	0.121	0.113	0.109	0.101	0.100
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**	**2.4**	**1.9**	**1.9**	**2.2**	**2.0**	**2.9**	**1.2**	**1.1**	**1.1**	**1.0**	**1.0**

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	0.109	0.108	0.098	0.069	0.062	0.011	0.086	0.065	0.084	0.120	0.149	0.107
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**	**1.1**	**1.0**	**0.7**	**0.6**	**0.1**	**0.9**	**0.7**	**0.8**	**1.2**	**1.5**	**1.1**

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	136.0	127.0	62.0	64.0	85.0	163.0	143.0	54.0
Total opportunities	136.0	130.0	64.0	64.0	91.0	169.0	148.0	54.0
Indicator value	**98.1%**	**97.8%**	**97.5%**	**97.5%**	**97.4%**	**97.2%**	**97.1%**	**97.4%**

Licensee Comments: none

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	92.0	110.0	116.0	112.0	114.0	116.0	120.0	116.0
Total Key personnel	105.0	115.0	118.0	114.0	115.0	117.0	121.0	116.0
Indicator value	**87.6%**	**95.7%**	**98.3%**	**98.2%**	**99.1%**	**99.1%**	**99.2%**	**100.0%**

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	588	595	599	601	606	572	648	562
Total sirens-tests	611	611	611	611	610	611	658	564
Indicator value	**95.9%**	**95.9%**	**96.2%**	**97.5%**	**98.3%**	**97.3%**	**97.5%**	**97.7%**

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	37.01	51.84	167.85	88.57	29.10	132.00	85.98	56.55
CCTV compensatory hours	14.0	2.9	566.5	2.7	19.7	20.9	0	0
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.010**	**0.006**	**0.039**	**0.040**	**0.040**	**0.043**	**0.009**	**0.008**

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

Vogtle 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	1.0	0	0	1.0	0	0	1.0
Critical hours	1875.0	1804.2	2160.0	2183.0	2182.1	2209.0	1537.5	1757.5
Indicator value	**0.8**	**1.7**	**1.8**	**0.9**	**1.7**	**0.8**	**0.9**	**1.8**

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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
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/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1875.0	1804.2	2160.0	2183.0	2182.1	2209.0	1537.5	1757.5
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	2.03	1.89	24.53	14.35	3.65	6.34	1.88	1.83
Unplanned unavailable hours	0	0	0	3.00	0	0	10.75	0.32
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	4.43	3.45	1.03	2.31	50.37	2.41	2.15	5.98
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	**0.7%**	**0.7%**	**0.8%**	**0.8%**	**0.9%**	**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)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	3.74	5.31	5.90	16.99	59.47	12.94	5.69	3.55
Unplanned unavailable hours	1.37	0	0	0	5.82	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	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49
Train 2								
Planned unavailable hours	5.48	7.32	32.45	3.12	45.91	24.19	3.45	6.66
Unplanned unavailable hours	0.02	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	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49
Train 3								
Planned unavailable hours	5.90	6.61	7.65	19.28	60.02	15.08	9.38	7.86
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	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49
Train 4								
Planned unavailable hours	7.16	10.63	34.05	5.12	47.28	72.50	5.01	9.59
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	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49
Indicator value	**0.4%**	**0.5%**	**0.5%**	**0.6%**	**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)	**3Q/00**	**4Q/00**	**1Q/01**	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**
Train 1								
Planned unavailable hours	4.24	4.51	5.89	5.93	2.82	12.89	5.57	12.87
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	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49
Train 2								
Planned unavailable hours	7.81	1.95	7.06	2.94	8.68	6.35	4.23	6.00
Unplanned unavailable hours	0.92	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	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49
Train 3								

Planned unavailable hours	2.08	18.31	1.67	2.45	2.68	2.52	1.29	10.32
Unplanned unavailable hours	0	0.08	0	0.39	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	1875.00	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49
Indicator value	**0.1%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

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	28.39	9.43	8.59	39.55	6.92	14.89	27.24	10.53
Unplanned unavailable hours	0	0	0	0	5.82	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	27.60	12.10	37.08	6.17	53.50	18.61	29.82	8.23
Unplanned unavailable hours	7.17	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	**0.3%**	**0.4%**	**0.4%**	**0.5%**	**0.7%**	**0.7%**	**0.8%**	**0.8%**

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	1	0	0	0	0	0	0
Indicator value	**1**	**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	**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	0.002330	0.002330	0.001890	0.000392	0.000496	0.000575	0.000779	0.000535	0.000653	0.000662	0.000692	0.000646
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**	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.000693	0.000759	0.000867	0.000796	0.000995	0.000961	0.001060	0.001475	0.001530	0.000314	0.000294	0.000274
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**	**0.2**	**0**	**0**	**0**

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	0.189	0.222	0.202	0.291	0.121	0.113	0.109	0.101	0.100	0.109	0.108	0.098
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	**1.9**	**2.2**	**2.0**	**2.9**	**1.2**	**1.1**	**1.1**	**1.0**	**1.0**	**1.1**	**1.1**	**1.0**

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	0.069	0.062	0.011	0.086	0.065	0.084	0.120	0.149	0.107	0.079	0.053	0.060
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**	**0.6**	**0.1**	**0.9**	**0.7**	**0.8**	**1.2**	**1.5**	**1.1**	**0.8**	**0.5**	**0.6**

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	127.0	62.0	64.0	85.0	163.0	143.0	54.0	121.0
Total opportunities	130.0	64.0	64.0	91.0	169.0	148.0	54.0	124.0
Indicator value	**97.8%**	**97.5%**	**97.5%**	**97.4%**	**97.2%**	**97.1%**	**97.4%**	**97.0%**

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	110.0	116.0	112.0	114.0	116.0	120.0	116.0	114.0
Total Key personnel	115.0	118.0	114.0	115.0	117.0	121.0	116.0	115.0
Indicator value	**95.7%**	**98.3%**	**98.2%**	**99.1%**	**99.1%**	**99.2%**	**100.0%**	**99.1%**

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	595	599	601	606	572	648	562	608
Total sirens-tests	611	611	611	610	611	658	564	611
Indicator value	**95.9%**	**96.2%**	**97.5%**	**98.3%**	**97.3%**	**97.5%**	**97.7%**	**97.8%**

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

RETS/ODCM Radiological Effluent

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	51.84	167.85	88.57	29.10	132.00	85.98	56.55	67.01
CCTV compensatory hours	2.9	566.5	2.7	19.7	20.9	0	0	0.8
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.006**	**0.039**	**0.040**	**0.040**	**0.043**	**0.009**	**0.008**	**0.008**

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: July 31, 2002

Vogtle 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	1.0	0	0	1.0	0	0	1.0	0
Critical hours	1804.2	2160.0	2183.0	2182.1	2209.0	1537.5	1757.5	2208.0
Indicator value	**1.7**	**1.8**	**0.9**	**1.7**	**0.8**	**0.9**	**1.8**	**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	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Scrams	0	0	0	0	0	0	0	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/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	1804.2	2160.0	2183.0	2182.1	2209.0	1537.5	1757.5	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	1.89	24.53	14.35	3.65	6.34	1.88	1.83	1.83
Unplanned unavailable hours	0	0	3.00	0	0	10.75	0.32	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	3.45	1.03	2.31	50.37	2.41	2.15	5.98	2.29
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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.7%**	**0.8%**	**0.8%**	**0.9%**	**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)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	5.31	5.90	16.99	59.47	12.94	5.69	3.55	9.10
Unplanned unavailable hours	0	0	0	5.82	0	0	0	4.69
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49	2208.00
Train 2								
Planned unavailable hours	7.32	32.45	3.12	45.91	24.19	3.45	6.66	8.89
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	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49	2208.00
Train 3								
Planned unavailable hours	6.61	7.65	19.28	60.02	15.08	9.38	7.86	10.59
Unplanned unavailable hours	0	0	0	0	0	0	0	4.69
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49	2208.00
Train 4								
Planned unavailable hours	10.63	34.05	5.12	47.28	72.50	5.01	9.59	13.01
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	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49	2208.00
Indicator value	**0.5%**	**0.5%**	**0.6%**	**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)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	4.51	5.89	5.93	2.82	12.89	5.57	12.87	10.50
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	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49	2208.00
Train 2								
Planned unavailable hours	1.95	7.06	2.94	8.68	6.35	4.23	6.00	9.99
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	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49	2208.00
Train 3								
Planned unavailable hours	18.31	1.67	2.45	2.68	2.52	1.29	10.32	2.96
Unplanned unavailable hours	0.08	0	0.39	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	1804.16	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49	2208.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

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	9.43	8.59	39.55	6.92	14.89	27.24	10.53	12.82
Unplanned unavailable hours	0	0	0	5.82	0	0	0	4.69
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	12.10	37.08	6.17	53.50	18.61	29.82	8.23	9.46
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	2208.00
Indicator value	**0.4%**	**0.4%**	**0.5%**	**0.7%**	**0.7%**	**0.8%**	**0.8%**	**0.8%**

Licensee Comments: none

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	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	**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	0.000392	0.000496	0.000575	0.000779	0.000535	0.000653	0.000662	0.000692	0.000646	0.000693	0.000759	0.000867
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	**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	0.000796	0.000995	0.000961	0.001060	0.001475	0.001530	0.000314	0.000312	0.000274	0.000319	0.000330	0.000343
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**	**0.2**	**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	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	0.291	0.121	0.113	0.109	0.101	0.100	0.109	0.108	0.098	0.069	0.062	0.110
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**	**1.2**	**1.1**	**1.1**	**1.0**	**1.0**	**1.1**	**1.1**	**1.0**	**0.7**	**0.6**	**1.1**

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	0.086	0.065	0.084	0.120	0.149	0.107	0.079	0.053	0.060	0.064	0.061	0.065
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**	**0.7**	**0.8**	**1.2**	**1.5**	**1.1**	**0.8**	**0.5**	**0.6**	**0.6**	**0.6**	**0.7**

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	62.0	64.0	85.0	163.0	143.0	54.0	121.0	119.0
Total opportunities	64.0	64.0	91.0	169.0	148.0	54.0	124.0	125.0
Indicator value	**97.5%**	**97.5%**	**97.4%**	**97.2%**	**97.1%**	**97.4%**	**97.0%**	**96.7%**

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	116.0	112.0	114.0	116.0	120.0	116.0	114.0	108.0
Total Key personnel	118.0	114.0	115.0	117.0	121.0	116.0	115.0	115.0
Indicator value	**98.3%**	**98.2%**	**99.1%**	**99.1%**	**99.2%**	**100.0%**	**99.1%**	**93.9%**

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	599	601	606	572	648	562	608	657
Total sirens-tests	611	611	610	611	658	564	611	658
Indicator value	**96.2%**	**97.5%**	**98.3%**	**97.3%**	**97.5%**	**97.7%**	**97.8%**	**99.4%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

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

RETS/ODCM Radiological Effluent

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	167.85	88.57	29.10	132.00	85.98	56.55	67.01	61.36
CCTV compensatory hours	566.5	2.7	19.7	20.9	0	0	0.8	5.3
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.039**	**0.040**	**0.040**	**0.043**	**0.009**	**0.008**	**0.008**	**0.006**

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

Vogtle 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	1.0	0	0
Critical hours	2160.0	2183.0	2182.1	2209.0	1537.5	1757.5	2208.0	2060.1
Indicator value	**1.8**	**0.9**	**1.7**	**0.8**	**0.9**	**1.8**	**0.9**	**0.9**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Scrams	0	0	0	0	0	0	0	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/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned power changes	0	0	0	0	0	0	1.0	1.0
Critical hours	2160.0	2183.0	2182.1	2209.0	1537.5	1757.5	2208.0	2060.1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**	**1.9**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	24.53	14.35	3.65	6.34	1.88	1.83	1.83	2.04
Unplanned unavailable hours	0	3.00	0	0	10.75	0.32	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	1.03	2.31	50.37	2.41	2.15	5.98	2.29	1.82
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	**0.8%**	**0.8%**	**0.9%**	**0.3%**	**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)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	5.90	16.99	59.47	12.94	5.69	3.55	9.10	9.53
Unplanned unavailable hours	0	0	5.82	0	0	0	4.69	1.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12
Train 2								
Planned unavailable hours	32.45	3.12	45.91	24.19	3.45	6.66	8.89	5.48
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12
Train 3								
Planned unavailable hours	7.65	19.28	60.02	15.08	9.38	7.86	10.59	11.24
Unplanned unavailable hours	0	0	0	0	0	0	4.69	1.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12
Train 4								
Planned unavailable hours	34.05	5.12	47.28	72.50	5.01	9.59	13.01	6.95
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12
Indicator value	**0.5%**	**0.6%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**

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	5.89	5.93	2.82	12.89	5.57	12.87	10.50	4.84
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	2160.00	2183.00	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12
Train 2								
Planned unavailable hours	7.06	2.94	8.68	6.35	4.23	6.00	9.99	2.94
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12
Train 3								
Planned unavailable hours	1.67	2.45	2.68	2.52	1.29	10.32	2.96	2.63
Unplanned unavailable hours	0	0.39	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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**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/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	8.59	39.55	6.92	14.89	27.24	10.53	12.82	30.07
Unplanned unavailable hours	0	0	5.82	0	0	0	4.69	7.19
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	37.08	6.17	53.50	18.61	29.82	8.23	9.46	7.46
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	**0.4%**	**0.5%**	**0.7%**	**0.7%**	**0.8%**	**0.8%**	**0.8%**	**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	0	0
Indicator value	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.000779	0.000535	0.000653	0.000662	0.000692	0.000646	0.000693	0.000759	0.000867	0.000796	0.000995	0.000961
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	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	0.001060	0.001475	0.001530	0.000314	0.000312	0.000274	0.000319	0.000330	0.000343	0.000411	0.000354	0.000443
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**	**0.2**	**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	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	0.109	0.101	0.100	0.109	0.108	0.098	0.069	0.062	0.110	0.086	0.065	0.084
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**	**1.0**	**1.0**	**1.1**	**1.1**	**1.0**	**0.7**	**0.6**	**1.1**	**0.9**	**0.7**	**0.8**

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	0.120	0.149	0.107	0.079	0.053	0.060	0.064	0.061	0.065	0.047	0.051	0.093
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**	**1.5**	**1.1**	**0.8**	**0.5**	**0.6**	**0.6**	**0.6**	**0.7**	**0.5**	**0.5**	**0.9**

Licensee Comments: none

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	64.0	85.0	163.0	143.0	54.0	121.0	119.0	53.0
Total opportunities	64.0	91.0	169.0	148.0	54.0	124.0	125.0	54.0
Indicator value	**97.5%**	**97.4%**	**97.2%**	**97.1%**	**97.4%**	**97.0%**	**96.7%**	**96.7%**

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	112.0	114.0	116.0	120.0	116.0	114.0	108.0	109.0
Total Key personnel	114.0	115.0	117.0	121.0	116.0	115.0	115.0	111.0
Indicator value	**98.2%**	**99.1%**	**99.1%**	**99.2%**	**100.0%**	**99.1%**	**93.9%**	**98.2%**

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	601	606	572	648	562	608	657	610
Total sirens-tests	611	610	611	658	564	611	658	611
Indicator value	**97.5%**	**98.3%**	**97.3%**	**97.5%**	**97.7%**	**97.8%**	**99.4%**	**99.7%**

Licensee Comments: none

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	88.57	29.10	132.00	85.98	56.55	67.01	61.36	9.39
CCTV compensatory hours	2.7	19.7	20.9	0	0	0.8	5.3	7.2
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.040**	**0.040**	**0.043**	**0.009**	**0.008**	**0.008**	**0.006**	**0.004**

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

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

Vogtle 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	1.0	0	0	0
Critical hours	2183.0	2182.1	2209.0	1537.5	1757.5	2208.0	2060.1	2160.0
Indicator value	**0.9**	**1.7**	**0.8**	**0.9**	**1.8**	**0.9**	**0.9**	**0.9**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Scrams	0	0	0	0	0	0	0	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/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned power changes	0	0	0	0	0	1.0	1.0	0
Critical hours	2183.0	2182.1	2209.0	1537.5	1757.5	2208.0	2060.1	2160.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.9**	**1.9**	**1.7**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	14.35	3.65	6.34	1.88	1.83	1.83	2.04	1.97
Unplanned unavailable hours	3.00	0	0	10.75	0.32	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	2.31	50.37	2.41	2.15	5.98	2.29	1.82	1.81
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.8%**	**0.9%**	**0.3%**	**0.3%**	**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/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	16.99	59.47	12.94	5.69	3.55	9.10	9.53	3.00
Unplanned unavailable hours	0	5.82	0	0	0	4.69	1.10	15.62
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00
Train 2								
Planned unavailable hours	3.12	45.91	24.19	3.45	6.66	8.89	5.48	20.12
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	2183.00	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00
Train 3								
Planned unavailable hours	19.28	60.02	15.08	9.38	7.86	10.59	11.24	4.58
Unplanned unavailable hours	0	0	0	0	0	4.69	1.10	15.62
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00
Train 4								
Planned unavailable hours	5.12	47.28	72.50	5.01	9.59	13.01	6.95	23.19
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00
Indicator value	**0.6%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**	**0.9%**

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/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**
Train 1								
Planned unavailable hours	5.93	2.82	12.89	5.57	12.87	10.50	4.84	2.47
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00
Train 2								
Planned unavailable hours	2.94	8.68	6.35	4.23	6.00	9.99	2.94	5.07
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00
Train 3								

Planned unavailable hours	2.45	2.68	2.52	1.29	10.32	2.96	2.63	1.48
Unplanned unavailable hours	0.39	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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**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/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**
Train 1								
Planned unavailable hours	39.55	6.92	14.89	27.24	10.53	12.82	30.07	14.16
Unplanned unavailable hours	0	5.82	0	0	0	4.69	7.19	15.62
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	6.17	53.50	18.61	29.82	8.23	9.46	7.46	23.00
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	**0.5%**	**0.7%**	**0.7%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**	**1.0%**

Licensee Comments: none

Safety System Functional Failures (PWR)

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

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	0.000662	0.000692	0.000646	0.000693	0.000759	0.000867	0.000796	0.000995	0.000961	0.001060	0.001475	0.001530
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**	**0.2**

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	0.000314	0.000312	0.000274	0.000319	0.000330	0.000343	0.000411	0.000354	0.000443	0.000455	0.000560	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**

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	0.109	0.108	0.098	0.069	0.062	0.110	0.086	0.065	0.084	0.120	0.149	0.107
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**	**1.1**	**1.0**	**0.7**	**0.6**	**1.1**	**0.9**	**0.7**	**0.8**	**1.2**	**1.5**	**1.1**

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	0.079	0.053	0.060	0.064	0.061	0.065	0.047	0.051	0.093	0.084	0.094	0.094
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**	**0.5**	**0.6**	**0.6**	**0.6**	**0.7**	**0.5**	**0.5**	**0.9**	**0.8**	**0.9**	**0.9**

Licensee Comments: none

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	85.0	163.0	143.0	54.0	121.0	119.0	53.0	111.0
Total opportunities	91.0	169.0	148.0	54.0	124.0	125.0	54.0	114.0
Indicator value	**97.4%**	**97.2%**	**97.1%**	**97.4%**	**97.0%**	**96.7%**	**96.7%**	**96.6%**

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	114.0	116.0	120.0	116.0	114.0	108.0	109.0	109.0
Total Key personnel	115.0	117.0	121.0	116.0	115.0	115.0	111.0	114.0
Indicator value	**99.1%**	**99.1%**	**99.2%**	**100.0%**	**99.1%**	**93.9%**	**98.2%**	**95.6%**

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	606	572	648	562	608	657	610	606
Total sirens-tests	610	611	658	564	611	658	611	611
Indicator value	**98.3%**	**97.3%**	**97.5%**	**97.7%**	**97.8%**	**99.4%**	**99.7%**	**99.6%**

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	29.10	132.00	85.98	56.55	67.01	61.36	9.39	85.30
CCTV compensatory hours	19.7	20.9	0	0	0.8	5.3	7.2	0
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.040**	**0.043**	**0.009**	**0.008**	**0.008**	**0.006**	**0.004**	**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

Vogtle 1

2Q/2003 Performance Indicators

Licensee's General Comments: Plant Vogtle 2nd quarter 2003 data

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	1.0	0	0	0	0
Critical hours	2182.1	2209.0	1537.5	1757.5	2208.0	2060.1	2160.0	2144.4
Indicator value	**1.7**	**0.8**	**0.9**	**1.8**	**0.9**	**0.9**	**0.9**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Scrams	0	0	0	0	0	0	0	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/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned power changes	0	0	0	0	1.0	1.0	0	0
Critical hours	2182.1	2209.0	1537.5	1757.5	2208.0	2060.1	2160.0	2144.4
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**1.9**	**1.7**	**1.6**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	3.65	6.34	1.88	1.83	1.83	2.04	1.97	2.68
Unplanned unavailable hours	0	0	10.75	0.32	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	50.37	2.41	2.15	5.98	2.29	1.82	1.81	2.38
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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.9%**	**0.3%**	**0.3%**	**0.3%**	**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)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	59.47	12.94	5.69	3.55	9.10	9.53	3.00	7.32
Unplanned unavailable hours	5.82	0	0	0	4.69	1.10	15.62	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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40
Train 2								
Planned unavailable hours	45.91	24.19	3.45	6.66	8.89	5.48	20.12	2.62
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40
Train 3								
Planned unavailable hours	60.02	15.08	9.38	7.86	10.59	11.24	4.58	26.62
Unplanned unavailable hours	0	0	0	0	4.69	1.10	15.62	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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40
Train 4								
Planned unavailable hours	47.28	72.50	5.01	9.59	13.01	6.95	23.19	21.57
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40
Indicator value	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**	**0.9%**	**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/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**
Train 1								
Planned unavailable hours	2.82	12.89	5.57	12.87	10.50	4.84	2.47	5.43
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40
Train 2								
Planned unavailable hours	8.68	6.35	4.23	6.00	9.99	2.94	5.07	2.00
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40
Train 3								

Planned unavailable hours	2.68	2.52	1.29	10.32	2.96	2.63	1.48	2.50
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	2182.12	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**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/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	6.92	14.89	27.24	10.53	12.82	30.07	14.16	12.95
Unplanned unavailable hours	5.82	0	0	0	4.69	7.19	15.62	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	53.50	18.61	29.82	8.23	9.46	7.46	23.00	5.97
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	**0.7%**	**0.7%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**	**1.0%**	**0.9%**

Licensee Comments: none

Safety System Functional Failures (PWR)

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

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	0.000693	0.000759	0.000867	0.000796	0.000995	0.000961	0.001060	0.001475	0.001530	0.000314	0.000312	0.000274
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**	**0.2**	**0**	**0**	**0**

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	0.000319	0.000330	0.000343	0.000411	0.000354	0.000443	0.000455	0.000560	0.000750	0.000585	0.001290	0.000565
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**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.069	0.062	0.110	0.086	0.065	0.084	0.120	0.149	0.107	0.079	0.053	0.060
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**	**0.6**	**1.1**	**0.9**	**0.7**	**0.8**	**1.2**	**1.5**	**1.1**	**0.8**	**0.5**	**0.6**

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	0.064	0.061	0.065	0.047	0.051	0.093	0.084	0.094	0.094	0.071	0.062	0.060
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**	**0.5**	**0.5**	**0.9**	**0.8**	**0.9**	**0.9**	**0.7**	**0.6**	**0.6**

Licensee Comments: none

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	163.0	143.0	54.0	121.0	119.0	53.0	111.0	41.0
Total opportunities	169.0	148.0	54.0	124.0	125.0	54.0	114.0	42.0
Indicator value	**97.2%**	**97.1%**	**97.4%**	**97.0%**	**96.7%**	**96.7%**	**96.6%**	**97.0%**

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	116.0	120.0	116.0	114.0	108.0	109.0	109.0	104.0
Total Key personnel	117.0	121.0	116.0	115.0	115.0	111.0	114.0	113.0
Indicator value	**99.1%**	**99.2%**	**100.0%**	**99.1%**	**93.9%**	**98.2%**	**95.6%**	**92.0%**

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	572	648	562	608	657	610	606	605
Total sirens-tests	611	658	564	611	658	611	611	611
Indicator value	**97.3%**	**97.5%**	**97.7%**	**97.8%**	**99.4%**	**99.7%**	**99.6%**	**99.5%**

Licensee Comments: none

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	132.00	85.98	56.55	67.01	61.36	9.39	85.30	112.43
CCTV compensatory hours	20.9	0	0	0.8	5.3	7.2	0	0
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.043**	**0.009**	**0.008**	**0.008**	**0.006**	**0.004**	**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

Vogtle 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	1.0	0	0	0	0	0
Critical hours	2209.0	1537.5	1757.5	2208.0	2060.1	2160.0	2144.4	2138.8
Indicator value	**0.8**	**0.9**	**1.8**	**0.9**	**0.9**	**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	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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	1.0	1.0	0	0	0
Critical hours	2209.0	1537.5	1757.5	2208.0	2060.1	2160.0	2144.4	2138.8
Indicator value	**0**	**0**	**0**	**0.9**	**1.9**	**1.7**	**1.6**	**0.8**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	6.34	1.88	1.83	1.83	2.04	1.97	2.68	11.08
Unplanned unavailable hours	0	10.75	0.32	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	2.41	2.15	5.98	2.29	1.82	1.81	2.38	1.72
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	2208.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**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)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	12.94	5.69	3.55	9.10	9.53	3.00	7.32	4.06
Unplanned unavailable hours	0	0	0	4.69	1.10	15.62	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	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80
Train 2								
Planned unavailable hours	24.19	3.45	6.66	8.89	5.48	20.12	2.62	8.33
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	2209.00	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80
Train 3								
Planned unavailable hours	15.08	9.38	7.86	10.59	11.24	4.58	26.62	5.55
Unplanned unavailable hours	0	0	0	4.69	1.10	15.62	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	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80
Train 4								
Planned unavailable hours	72.50	5.01	9.59	13.01	6.95	23.19	21.57	10.85
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	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80
Indicator value	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**	**0.9%**	**0.8%**	**0.8%**

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	12.89	5.57	12.87	10.50	4.84	2.47	5.43	2.82
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	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80
Train 2								
Planned unavailable hours	6.35	4.23	6.00	9.99	2.94	5.07	2.00	5.10
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	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80
Train 3								

Planned unavailable hours	2.52	1.29	10.32	2.96	2.63	1.48	2.50	0.22
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	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

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	14.89	27.24	10.53	12.82	30.07	14.16	12.95	23.88
Unplanned unavailable hours	0	0	0	4.69	7.19	15.62	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	18.61	29.82	8.23	9.46	7.46	23.00	5.97	23.06
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	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.7%**	**0.8%**	**0.8%**	**0.8%**	**0.9%**	**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/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**	**3Q/03**
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

Licensee Comments: none

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	0.000796	0.000995	0.000961	0.001060	0.001475	0.001530	0.000314	0.000312	0.000274	0.000319	0.000330	0.000343
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**	**0.2**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000411	0.000354	0.000443	0.000455	0.000560	0.000750	0.000585	0.001290	0.000565	0.000591	0.000605	0.000625
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

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	0.086	0.065	0.084	0.120	0.149	0.107	0.079	0.053	0.060	0.064	0.061	0.065
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**	**0.7**	**0.8**	**1.2**	**1.5**	**1.1**	**0.8**	**0.5**	**0.6**	**0.6**	**0.6**	**0.7**

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	0.047	0.051	0.093	0.084	0.094	0.094	0.071	0.062	0.060	0.082	0.066	0.062
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**	**0.5**	**0.9**	**0.8**	**0.9**	**0.9**	**0.7**	**0.6**	**0.6**	**0.8**	**0.7**	**0.6**

Licensee Comments: none

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	143.0	54.0	121.0	119.0	53.0	111.0	41.0	72.0
Total opportunities	148.0	54.0	124.0	125.0	54.0	114.0	42.0	74.0
Indicator value	**97.1%**	**97.4%**	**97.0%**	**96.7%**	**96.7%**	**96.6%**	**97.0%**	**97.1%**

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	120.0	116.0	114.0	108.0	109.0	109.0	104.0	101.0
Total Key personnel	121.0	116.0	115.0	115.0	111.0	114.0	113.0	106.0
Indicator value	**99.2%**	**100.0%**	**99.1%**	**93.9%**	**98.2%**	**95.6%**	**92.0%**	**95.3%**

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	648	562	608	657	610	606	605	609
Total sirens-tests	658	564	611	658	611	611	611	611
Indicator value	**97.5%**	**97.7%**	**97.8%**	**99.4%**	**99.7%**	**99.6%**	**99.5%**	**99.4%**

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	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:

3Q/02: FAQ recently answered concerning this event caused it to be counted.

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	85.98	56.55	67.01	61.36	9.39	85.30	112.43	12.30
CCTV compensatory hours	0	0	0.8	5.3	7.2	0	0	34.7
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.009**	**0.008**	**0.008**	**0.006**	**0.004**	**0.005**	**0.006**	**0.007**

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

Vogtle 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	1.0	0	0	0	0	0	0
Critical hours	1537.5	1757.5	2208.0	2060.1	2160.0	2144.4	2138.8	2209.0
Indicator value	**0.9**	**1.8**	**0.9**	**0.9**	**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	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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	1.0	1.0	0	0	0	0
Critical hours	1537.5	1757.5	2208.0	2060.1	2160.0	2144.4	2138.8	2209.0
Indicator value	**0**	**0**	**0.9**	**1.9**	**1.7**	**1.6**	**0.8**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	1.88	1.83	1.83	2.04	1.97	2.68	11.08	1.99
Unplanned unavailable hours	10.75	0.32	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	2.15	5.98	2.29	1.82	1.81	2.38	1.72	1.63
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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments:

4Q/03: Required Hours added for Nov 2003.

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	5.69	3.55	9.10	9.53	3.00	7.32	4.06	19.27
Unplanned unavailable hours	0	0	4.69	1.10	15.62	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	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03
Train 2								
Planned unavailable hours	3.45	6.66	8.89	5.48	20.12	2.62	8.33	5.84
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	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03
Train 3								
Planned unavailable hours	9.38	7.86	10.59	11.24	4.58	26.62	5.55	20.19
Unplanned unavailable hours	0	0	4.69	1.10	15.62	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	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03
Train 4								
Planned unavailable hours	5.01	9.59	13.01	6.95	23.19	21.57	10.85	9.28
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	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03
Indicator value	**0.8%**	**0.8%**	**0.8%**	**0.9%**	**0.9%**	**0.8%**	**0.8%**	**0.8%**

Licensee Comments:

4Q/03: Required Hours added for Nov 2003.

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/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**	**3Q/03**	**4Q/03**
Train 1								
Planned unavailable hours	5.57	12.87	10.50	4.84	2.47	5.43	2.82	2.72
Unplanned unavailable hours	0	0	0	0	0	0	0	13.45
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03
Train 2								
Planned unavailable hours	4.23	6.00	9.99	2.94	5.07	2.00	5.10	28.32
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	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03
Train 3								
Planned unavailable hours	1.29	10.32	2.96	2.63	1.48	2.50	0.22	3.00
Unplanned unavailable hours	0	0	0	0	0	0	0	36.35
Fault exposure hours	0	0	0	0	0	0	0	3.55
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1537.52	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments:

4Q/03: Required Hours added for Nov 2003.

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	27.24	10.53	12.82	30.07	14.16	12.95	23.88	21.65
Unplanned unavailable hours	0	0	4.69	7.19	15.62	0	0	0
Fault exposure hours	0	18.75	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	29.82	8.23	9.46	7.46	23.00	5.97	23.06	8.06
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	18.75	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	**0.8%**	**0.9%**	**0.9%**	**1.0%**	**1.1%**	**1.0%**	**1.0%**	**1.0%**

Licensee Comments:

4Q/03: Required Hours added for Nov 2003.

2Q/02: Fault Exposure hours per LER 1-2003-001.

Safety System Functional Failures (PWR)

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	0	0	0	0	1	1
Indicator value	**0**	**0**	**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	**1/02**	**2/02**	**3/02**	**4/02**	**5/02**	**6/02**	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**
Maximum activity	0.001060	0.001475	0.001530	0.000314	0.000312	0.000274	0.000319	0.000330	0.000343	0.000411	0.000354	0.000443
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**	**0.2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000455	0.000560	0.000750	0.000585	0.001290	0.000565	0.000591	0.000605	0.000625	0.000246	0.000402	0.000304
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**	**0**	**0**	**0**

Licensee Comments: none

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	0.120	0.149	0.107	0.079	0.053	0.060	0.064	0.061	0.065	0.047	0.051	0.093
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**	**1.5**	**1.1**	**0.8**	**0.5**	**0.6**	**0.6**	**0.6**	**0.7**	**0.5**	**0.5**	**0.9**

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	0.084	0.094	0.094	0.071	0.062	0.060	0.082	0.066	0.062	0.045	0.061	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	**0.8**	**0.9**	**0.9**	**0.7**	**0.6**	**0.6**	**0.8**	**0.7**	**0.6**	**0.5**	**0.6**	**0.6**

Licensee Comments: none

Drill/Exercise Performance

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	54.0	121.0	119.0	53.0	111.0	41.0	72.0	79.0
Total opportunities	54.0	124.0	125.0	54.0	114.0	42.0	74.0	81.0
Indicator value	**97.4%**	**97.0%**	**96.7%**	**96.7%**	**96.6%**	**97.0%**	**97.1%**	**97.3%**

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	116.0	114.0	108.0	109.0	109.0	104.0	101.0	108.0
Total Key personnel	116.0	115.0	115.0	111.0	114.0	113.0	106.0	111.0
Indicator value	**100.0%**	**99.1%**	**93.9%**	**98.2%**	**95.6%**	**92.0%**	**95.3%**	**97.3%**

Licensee Comments: none

Alert & Notification System

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	562	608	657	610	606	605	609	611
Total sirens-tests	564	611	658	611	611	611	611	611
Indicator value	**97.7%**	**97.8%**	**99.4%**	**99.7%**	**99.6%**	**99.5%**	**99.4%**	**99.5%**

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	1	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**	**1**	**1**	**1**	**1**	**0**	**1**

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	56.55	67.01	61.36	9.39	85.30	112.43	12.30	48.15
CCTV compensatory hours	0	0.8	5.3	7.2	0	0	34.7	87.7
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.008**	**0.008**	**0.006**	**0.004**	**0.005**	**0.006**	**0.007**	**0.012**

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

FFD/Personnel Reliability

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

Vogtle 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	1.0	0	0	0	0	0	0	1.0
Critical hours	1757.5	2208.0	2060.1	2160.0	2144.4	2138.8	1715.0	2151.2
Indicator value	**1.8**	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**	**0.9**

Licensee Comments:

4Q/03: Correction. Critical Hours added to October 2003. Previous submittal reported 0 hours.

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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0	1.0	1.0	0	0	0	0	0
Critical hours	1757.5	2208.0	2060.1	2160.0	2144.4	2138.8	1715.0	2151.2
Indicator value	**0**	**0.9**	**1.9**	**1.7**	**1.6**	**0.8**	**0**	**0**

Licensee Comments:

4Q/03: Correction. Critical Hours added to October 2003. Previous submittal reported 0 hours.

Safety System Unavailability, Emergency AC Power

Thresholds: White > 2.5% Yellow > 5.0% 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	1.83	1.83	2.04	1.97	2.68	11.08	1.99	2.59
Unplanned unavailable hours	0.32	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	2184.00
Train 2								
Planned unavailable hours	5.98	2.29	1.82	1.81	2.38	1.72	1.63	4.48
Unplanned unavailable hours	0	0	0	0	0	0	0	20.07
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	2184.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**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/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	3.55	9.10	9.53	3.00	7.32	4.06	19.27	5.31
Unplanned unavailable hours	0	4.69	1.10	15.62	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	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20
Train 2								
Planned unavailable hours	6.66	8.89	5.48	20.12	2.62	8.33	5.84	5.69
Unplanned unavailable hours	0	0	0	0	0	0	0	10.05
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20
Train 3								
Planned unavailable hours	7.86	10.59	11.24	4.58	26.62	5.55	20.19	6.31
Unplanned unavailable hours	0	4.69	1.10	15.62	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	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20
Train 4								
Planned unavailable hours	9.59	13.01	6.95	23.19	21.57	10.85	9.28	6.91
Unplanned unavailable hours	0	0	0	0	0	0	0	10.05
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20
Indicator value	**0.8%**	**0.8%**	**0.9%**	**0.9%**	**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)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	12.87	10.50	4.84	2.47	5.43	2.82	2.72	16.84
Unplanned unavailable hours	0	0	0	0	0	0	13.45	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	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20
Train 2								
Planned unavailable hours	6.00	9.99	2.94	5.07	2.00	5.10	28.32	3.56
Unplanned unavailable hours	0	0	0	0	0	0	0	10.05
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20
Train 3								
Planned unavailable hours	10.32	2.96	2.63	1.48	2.50	0.22	3.00	23.05
Unplanned unavailable hours	0	0	0	0	0	0	36.35	0
Fault exposure hours	0	0	0	0	0	0	3.55	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1757.49	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20
Indicator value	**0.2%**	**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	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	10.53	12.82	30.07	14.16	12.95	23.88	21.65	8.78
Unplanned unavailable hours	0	4.69	7.19	15.62	0	0	0	0
Fault exposure hours	18.75	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	2184.00
Train 2								
Planned unavailable hours	8.23	9.46	7.46	23.00	5.97	23.06	8.06	7.51
Unplanned unavailable hours	0	0	0	0	0	0	0	10.05
Fault exposure hours	18.75	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	2184.00
Indicator value	**0.9%**	**0.9%**	**1.0%**	**1.1%**	**1.0%**	**1.0%**	**1.0%**	**1.0%**

Licensee Comments: none

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	0	0	0	0	1	1	0
Indicator value	**0**	**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	**4/02**	**5/02**	**6/02**	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**
Maximum activity	0.000314	0.000312	0.000274	0.000319	0.000330	0.000343	0.000411	0.000354	0.000443	0.000455	0.000560	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**

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	0.000585	0.001290	0.000565	0.000591	0.000605	0.000625	0.000246	0.000402	0.000304	0.000319	0.000327	0.000357
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**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0.079	0.053	0.060	0.064	0.061	0.065	0.047	0.051	0.093	0.084	0.094	0.094
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**	**0.5**	**0.6**	**0.6**	**0.6**	**0.7**	**0.5**	**0.5**	**0.9**	**0.8**	**0.9**	**0.9**

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	0.071	0.062	0.060	0.082	0.066	0.062	0.045	0.061	0.055	0.036	0.058	0.139
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**	**0.6**	**0.6**	**0.8**	**0.7**	**0.6**	**0.5**	**0.6**	**0.6**	**0.4**	**0.6**	**1.4**

Licensee Comments: none

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	121.0	119.0	53.0	111.0	41.0	72.0	79.0	24.0
Total opportunities	124.0	125.0	54.0	114.0	42.0	74.0	81.0	24.0
Indicator value	**97.0%**	**96.7%**	**96.7%**	**96.6%**	**97.0%**	**97.1%**	**97.3%**	**97.2%**

Licensee Comments: none

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	114.0	108.0	109.0	109.0	104.0	101.0	108.0	105.0
Total Key personnel	115.0	115.0	111.0	114.0	113.0	106.0	111.0	107.0
Indicator value	**99.1%**	**93.9%**	**98.2%**	**95.6%**	**92.0%**	**95.3%**	**97.3%**	**98.1%**

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	608	657	610	606	605	609	611	609
Total sirens-tests	611	658	611	611	611	611	611	611
Indicator value	**97.8%**	**99.4%**	**99.7%**	**99.6%**	**99.5%**	**99.4%**	**99.5%**	**99.6%**

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	1	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**	**1**	**1**	**1**	**1**	**0**	**1**	**1**

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

Protected Area Security Performance Index

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	67.01	61.36	9.39	85.30	112.43	12.30	48.15	52.22
CCTV compensatory hours	0.8	5.3	7.2	0	0	34.7	87.7	29.0
IDS normalization factor	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.008**	**0.006**	**0.004**	**0.005**	**0.006**	**0.007**	**0.012**	**0.013**

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

Vogtle 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	1.0	0
Critical hours	2208.0	2060.1	2160.0	2144.4	2138.8	1715.0	2151.2	2183.0
Indicator value	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**	**0.9**	**0.9**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/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	**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/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	1.0	1.0	0	0	0	0	0	0
Critical hours	2208.0	2060.1	2160.0	2144.4	2138.8	1715.0	2151.2	2183.0
Indicator value	**0.9**	**1.9**	**1.7**	**1.6**	**0.8**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	1.83	2.04	1.97	2.68	11.08	1.99	2.59	1.60
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	2184.00	2183.00
Train 2								
Planned unavailable hours	2.29	1.82	1.81	2.38	1.72	1.63	4.48	2.33
Unplanned unavailable hours	0	0	0	0	0	0	20.07	0.08
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**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)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	9.10	9.53	3.00	7.32	4.06	19.27	5.31	2.39
Unplanned unavailable hours	4.69	1.10	15.62	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	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00
Train 2								
Planned unavailable hours	8.89	5.48	20.12	2.62	8.33	5.84	5.69	4.75
Unplanned unavailable hours	0	0	0	0	0	0	10.05	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	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00
Train 3								
Planned unavailable hours	10.59	11.24	4.58	26.62	5.55	20.19	6.31	4.11
Unplanned unavailable hours	4.69	1.10	15.62	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	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00
Train 4								
Planned unavailable hours	13.01	6.95	23.19	21.57	10.85	9.28	6.91	9.54
Unplanned unavailable hours	0	0	0	0	0	0	10.05	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	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00
Indicator value	**0.8%**	**0.9%**	**0.9%**	**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)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	10.50	4.84	2.47	5.43	2.82	2.72	16.84	2.02
Unplanned unavailable hours	0	0	0	0	0	13.45	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	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00
Train 2								
Planned unavailable hours	9.99	2.94	5.07	2.00	5.10	28.32	3.56	10.32
Unplanned unavailable hours	0	0	0	0	0	0	10.05	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	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00
Train 3								
Planned unavailable hours	2.96	2.63	1.48	2.50	0.22	3.00	23.05	0.62
Unplanned unavailable hours	0	0	0	0	0	36.35	0	0
Fault exposure hours	0	0	0	0	0	3.55	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00
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	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	12.82	30.07	14.16	12.95	23.88	21.65	8.78	6.09
Unplanned unavailable hours	4.69	7.19	15.62	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	2184.00	2183.00
Train 2								
Planned unavailable hours	9.46	7.46	23.00	5.97	23.06	8.06	7.51	8.25
Unplanned unavailable hours	0	0	0	0	0	0	10.05	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	2184.00	2183.00
Indicator value	**0.9%**	**1.0%**	**1.1%**	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**

Licensee Comments: none

Safety System Functional Failures (PWR)

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	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	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**
Maximum activity	0.000319	0.000330	0.000343	0.000411	0.000354	0.000443	0.000455	0.000560	0.000750	0.000585	0.001290	0.000565
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**	**0.1**	**0.1**	**0.1**	**0.1**
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	0.000591	0.000605	0.000625	0.000246	0.000402	0.000304	0.000319	0.000327	0.000357	0.000368	0.000571	0.000421
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**

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	0.064	0.061	0.065	0.047	0.051	0.093	0.084	0.094	0.094	0.071	0.062	0.060
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**	**0.5**	**0.5**	**0.9**	**0.8**	**0.9**	**0.9**	**0.7**	**0.6**	**0.6**
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	0.082	0.066	0.062	0.045	0.061	0.055	0.036	0.058	0.139	0.046	0.060	0.056
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**	**0.7**	**0.6**	**0.5**	**0.6**	**0.6**	**0.4**	**0.6**	**1.4**	**0.5**	**0.6**	**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	119.0	53.0	111.0	41.0	72.0	79.0	24.0	21.0
Total opportunities	125.0	54.0	114.0	42.0	74.0	81.0	24.0	22.0
Indicator value	**96.7%**	**96.7%**	**96.6%**	**97.0%**	**97.1%**	**97.3%**	**97.2%**	**97.0%**

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	108.0	109.0	109.0	104.0	101.0	108.0	105.0	99.0
Total Key personnel	115.0	111.0	114.0	113.0	106.0	111.0	107.0	102.0
Indicator value	**93.9%**	**98.2%**	**95.6%**	**92.0%**	**95.3%**	**97.3%**	**98.1%**	**97.1%**

Licensee Comments: none

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	657	610	606	605	609	611	609	611
Total sirens-tests	658	611	611	611	611	611	611	611
Indicator value	**99.4%**	**99.7%**	**99.6%**	**99.5%**	**99.4%**	**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	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
High radiation area occurrences	1	0	0	0	0	1	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**1**	**1**	**1**	**1**	**0**	**1**	**1**	**1**

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.

Last Modified: September 8, 2004

Vogtle 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	1.0	0	0
Critical hours	2060.1	2160.0	2144.4	2138.8	1715.0	2151.2	2183.0	2208.0
Indicator value	**0.9**	**0.9**	**0**	**0**	**0**	**0.9**	**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	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	**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/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2060.1	2160.0	2144.4	2138.8	1715.0	2151.2	2183.0	2208.0
Indicator value	**1.9**	**1.7**	**1.6**	**0.8**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	2.04	1.97	2.68	11.08	1.99	2.59	1.60	2.49
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	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	1.82	1.81	2.38	1.72	1.63	4.48	2.33	2.28
Unplanned unavailable hours	0	0	0	0	0	20.07	0.08	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	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**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)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	9.53	3.00	7.32	4.06	19.27	5.31	2.39	7.04
Unplanned unavailable hours	1.10	15.62	0	0	0	0	0	6.83
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00
Train 2								
Planned unavailable hours	5.48	20.12	2.62	8.33	5.84	5.69	4.75	41.69
Unplanned unavailable hours	0	0	0	0	0	10.05	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	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00
Train 3								
Planned unavailable hours	11.24	4.58	26.62	5.55	20.19	6.31	4.11	22.04
Unplanned unavailable hours	1.10	15.62	0	0	0	0	0	6.83
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00
Train 4								
Planned unavailable hours	6.95	23.19	21.57	10.85	9.28	6.91	9.54	43.58
Unplanned unavailable hours	0	0	0	0	0	10.05	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	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00
Indicator value	**0.9%**	**0.9%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**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)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	4.84	2.47	5.43	2.82	2.72	16.84	2.02	42.90
Unplanned unavailable hours	0	0	0	0	13.45	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	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00
Train 2								
Planned unavailable hours	2.94	5.07	2.00	5.10	28.32	3.56	10.32	23.23
Unplanned unavailable hours	0	0	0	0	0	10.05	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	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00
Train 3								
Planned unavailable hours	2.63	1.48	2.50	0.22	3.00	23.05	0.62	0
Unplanned unavailable hours	0	0	0	0	36.35	0	0	0
Fault exposure hours	0	0	0	0	3.55	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2060.12	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**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	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	30.07	14.16	12.95	23.88	21.65	8.78	6.09	8.97
Unplanned unavailable hours	7.19	15.62	0	0	0	0	0	6.83
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	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	7.46	23.00	5.97	23.06	8.06	7.51	8.25	43.73
Unplanned unavailable hours	0	0	0	0	0	10.05	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	2184.00	2183.00	2208.00
Indicator value	**1.0%**	**1.1%**	**1.0%**	**1.0%**	**1.0%**	**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/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
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	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**
Maximum activity	0.000411	0.000354	0.000443	0.000455	0.000560	0.000750	0.000585	0.001290	0.000565	0.000591	0.000605	0.000625
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	**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	0.000246	0.000402	0.000304	0.000319	0.000327	0.000357	0.000368	0.000571	0.000421	0.000400	0.000437	0.000474
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**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

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	0.047	0.051	0.093	0.084	0.094	0.094	0.071	0.062	0.060	0.082	0.066	0.062
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**	**0.5**	**0.9**	**0.8**	**0.9**	**0.9**	**0.7**	**0.6**	**0.6**	**0.8**	**0.7**	**0.6**
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	0.045	0.061	0.055	0.036	0.058	0.139	0.046	0.060	0.056	0.062	0.083	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	**0.5**	**0.6**	**0.6**	**0.4**	**0.6**	**1.4**	**0.5**	**0.6**	**0.6**	**0.6**	**0.8**	**0.6**

Licensee Comments: none

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	53.0	111.0	41.0	72.0	79.0	24.0	21.0	54.0
Total opportunities	54.0	114.0	42.0	74.0	81.0	24.0	22.0	55.0
Indicator value	**96.7%**	**96.6%**	**97.0%**	**97.1%**	**97.3%**	**97.2%**	**97.0%**	**97.6%**

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	109.0	109.0	104.0	101.0	108.0	105.0	99.0	95.0
Total Key personnel	111.0	114.0	113.0	106.0	111.0	107.0	102.0	102.0
Indicator value	**98.2%**	**95.6%**	**92.0%**	**95.3%**	**97.3%**	**98.1%**	**97.1%**	**93.1%**

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	610	606	605	609	611	609	611	608
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.7%**	**99.6%**	**99.5%**	**99.4%**	**99.5%**	**99.6%**	**99.8%**	**99.8%**

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	1	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**1**	**1**	**1**	**0**	**1**	**1**	**1**	**1**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	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

Vogtle 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	1.0	0	0	0
Critical hours	2160.0	2144.4	2138.8	1715.0	2151.2	2183.0	2208.0	2209.0
Indicator value	**0.9**	**0**	**0**	**0**	**0.9**	**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	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	**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/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2160.0	2144.4	2138.8	1715.0	2151.2	2183.0	2208.0	2209.0
Indicator value	**1.7**	**1.6**	**0.8**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	1.97	2.68	11.08	1.99	2.59	1.60	2.49	4.17
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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	1.81	2.38	1.72	1.63	4.48	2.33	2.28	15.10
Unplanned unavailable hours	0	0	0	0	20.07	0.08	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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**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)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	3.00	7.32	4.06	19.27	5.31	2.39	7.04	41.79
Unplanned unavailable hours	15.62	0	0	0	0	0	6.83	1.90
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	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	20.12	2.62	8.33	5.84	5.69	4.75	41.69	26.58
Unplanned unavailable hours	0	0	0	0	10.05	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	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	4.58	26.62	5.55	20.19	6.31	4.11	22.04	25.85
Unplanned unavailable hours	15.62	0	0	0	0	0	6.83	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	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	23.19	21.57	10.85	9.28	6.91	9.54	43.58	26.35
Unplanned unavailable hours	0	0	0	0	10.05	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	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00
Indicator value	**0.9%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.7%**	**0.7%**

Licensee Comments: none

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	2.47	5.43	2.82	2.72	16.84	2.02	42.90	4.45
Unplanned unavailable hours	0	0	0	13.45	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	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	5.07	2.00	5.10	28.32	3.56	10.32	23.23	3.58
Unplanned unavailable hours	0	0	0	0	10.05	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	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	1.48	2.50	0.22	3.00	23.05	0.62	0	0.90
Unplanned unavailable hours	0	0	0	36.35	0	0	0	1.74
Fault exposure hours	0	0	0	3.55	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**

Licensee Comments: none

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	14.16	12.95	23.88	21.65	8.78	6.09	8.97	64.94
Unplanned unavailable hours	15.62	0	0	0	0	0	6.83	0.25
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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	23.00	5.97	23.06	8.06	7.51	8.25	43.73	12.25
Unplanned unavailable hours	0	0	0	0	10.05	0	0	0.17
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	2184.00	2183.00	2208.00	2209.00
Indicator value	**1.1%**	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**1.0%**

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	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	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**
Maximum activity	0.000455	0.000560	0.000750	0.000585	0.001290	0.000565	0.000591	0.000605	0.000625	0.000246	0.000402	0.000304
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**	**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	0.000319	0.000327	0.000357	0.000368	0.000571	0.000421	0.000400	0.000437	0.000474	0.000469	0.000471	0.000537
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**	**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	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**
Maximum leakage	0.084	0.094	0.094	0.071	0.062	0.060	0.082	0.066	0.062	0.045	0.061	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	**0.8**	**0.9**	**0.9**	**0.7**	**0.6**	**0.6**	**0.8**	**0.7**	**0.6**	**0.5**	**0.6**	**0.6**
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	0.036	0.058	0.139	0.046	0.060	0.056	0.062	0.083	0.055	0.060	0.057	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	**0.4**	**0.6**	**1.4**	**0.5**	**0.6**	**0.6**	**0.6**	**0.8**	**0.6**	**0.6**	**0.6**	**0.7**

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	111.0	41.0	72.0	79.0	24.0	21.0	54.0	3.0
Total opportunities	114.0	42.0	74.0	81.0	24.0	22.0	55.0	4.0
Indicator value	**96.6%**	**97.0%**	**97.1%**	**97.3%**	**97.2%**	**97.0%**	**97.6%**	**97.4%**

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	109.0	104.0	101.0	108.0	105.0	99.0	95.0	97.0
Total Key personnel	114.0	113.0	106.0	111.0	107.0	102.0	102.0	104.0
Indicator value	**95.6%**	**92.0%**	**95.3%**	**97.3%**	**98.1%**	**97.1%**	**93.1%**	**93.3%**

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	606	605	609	611	609	611	608	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.6%**	**99.5%**	**99.4%**	**99.5%**	**99.6%**	**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/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
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	**1**	**1**	**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/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

Vogtle 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	1.0	0	0	0	1.0
Critical hours	2144.4	2138.8	1715.0	2151.2	2183.0	2208.0	2209.0	1672.8
Indicator value	**0**	**0**	**0**	**0.9**	**0.9**	**0.8**	**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/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	**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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2144.4	2138.8	1715.0	2151.2	2183.0	2208.0	2209.0	1672.8
Indicator value	**1.6**	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	2.68	11.08	1.99	2.59	1.60	2.49	4.17	0.74
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	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	2.38	1.72	1.63	4.48	2.33	2.28	15.10	1.20
Unplanned unavailable hours	0	0	0	20.07	0.08	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	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**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	7.32	4.06	19.27	5.31	2.39	7.04	41.79	3.49
Unplanned unavailable hours	0	0	0	0	0	6.83	1.90	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	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75
Train 2								
Planned unavailable hours	2.62	8.33	5.84	5.69	4.75	41.69	26.58	4.36
Unplanned unavailable hours	0	0	0	10.05	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	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75
Train 3								
Planned unavailable hours	26.62	5.55	20.19	6.31	4.11	22.04	25.85	7.48
Unplanned unavailable hours	0	0	0	0	0	6.83	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	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75
Train 4								
Planned unavailable hours	21.57	10.85	9.28	6.91	9.54	43.58	26.35	6.36
Unplanned unavailable hours	0	0	0	10.05	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	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75
Indicator value	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

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	5.43	2.82	2.72	16.84	2.02	42.90	4.45	3.17
Unplanned unavailable hours	0	0	13.45	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	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75
Train 2								
Planned unavailable hours	2.00	5.10	28.32	3.56	10.32	23.23	3.58	3.13
Unplanned unavailable hours	0	0	0	10.05	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	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75
Train 3								
Planned unavailable hours	2.50	0.22	3.00	23.05	0.62	0	0.90	0.63
Unplanned unavailable hours	0	0	36.35	0	0	0	1.74	0
Fault exposure hours	0	0	3.55	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2144.40	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	12.95	23.88	21.65	8.78	6.09	8.97	64.94	18.58
Unplanned unavailable hours	0	0	0	0	0	6.83	0.25	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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	5.97	23.06	8.06	7.51	8.25	43.73	12.25	19.54
Unplanned unavailable hours	0	0	0	10.05	0	0	0.17	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	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.0%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**

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	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	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**
Maximum activity	0.000585	0.001290	0.000565	0.000591	0.000605	0.000625	0.000246	0.000402	0.000304	0.000319	0.000327	0.000357
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**	**0**	**0**	**0**	**0**	**0**
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	0.000368	0.000571	0.000421	0.000400	0.000437	0.000474	0.000469	0.000471	0.000537	0.000513	0.000531	0.000543
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**	**0**	**0**	**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	**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	0.071	0.062	0.060	0.082	0.066	0.062	0.045	0.061	0.055	0.036	0.058	0.139
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**	**0.6**	**0.6**	**0.8**	**0.7**	**0.6**	**0.5**	**0.6**	**0.6**	**0.4**	**0.6**	**1.4**
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	0.046	0.060	0.056	0.062	0.083	0.055	0.060	0.057	0.068	0.060	0.047	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	**0.5**	**0.6**	**0.6**	**0.6**	**0.8**	**0.6**	**0.6**	**0.6**	**0.7**	**0.6**	**0.5**	**0.5**

Licensee Comments: none

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	41.0	72.0	79.0	24.0	21.0	54.0	3.0	38.0
Total opportunities	42.0	74.0	81.0	24.0	22.0	55.0	4.0	42.0
Indicator value	**97.0%**	**97.1%**	**97.3%**	**97.2%**	**97.0%**	**97.6%**	**97.4%**	**96.5%**

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	104.0	101.0	108.0	105.0	99.0	95.0	97.0	98.0
Total Key personnel	113.0	106.0	111.0	107.0	102.0	102.0	104.0	104.0
Indicator value	**92.0%**	**95.3%**	**97.3%**	**98.1%**	**97.1%**	**93.1%**	**93.3%**	**94.2%**

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	605	609	611	609	611	608	610	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.5%**	**99.4%**	**99.5%**	**99.6%**	**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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
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	**1**	**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/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

Vogtle 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	1.0	0	0	0	1.0	1.0
Critical hours	2138.8	1715.0	2151.2	2183.0	2208.0	2209.0	1672.8	1953.6
Indicator value	**0**	**0**	**0.9**	**0.9**	**0.8**	**0.8**	**0.8**	**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	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2138.8	1715.0	2151.2	2183.0	2208.0	2209.0	1672.8	1953.6
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	11.08	1.99	2.59	1.60	2.49	4.17	0.74	2.08
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	1.72	1.63	4.48	2.33	2.28	15.10	1.20	1.94
Unplanned unavailable hours	0	0	20.07	0.08	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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**0.2%**	**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)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	4.06	19.27	5.31	2.39	7.04	41.79	3.49	16.79
Unplanned unavailable hours	0	0	0	0	6.83	1.90	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	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62
Train 2								
Planned unavailable hours	8.33	5.84	5.69	4.75	41.69	26.58	4.36	3.56
Unplanned unavailable hours	0	0	10.05	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	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62
Train 3								
Planned unavailable hours	5.55	20.19	6.31	4.11	22.04	25.85	7.48	19.73
Unplanned unavailable hours	0	0	0	0	6.83	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	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62
Train 4								
Planned unavailable hours	10.85	9.28	6.91	9.54	43.58	26.35	6.36	6.54
Unplanned unavailable hours	0	0	10.05	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	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62
Indicator value	**0.8%**	**0.8%**	**0.8%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

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	2.82	2.72	16.84	2.02	42.90	4.45	3.17	5.52
Unplanned unavailable hours	0	13.45	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	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62
Train 2								
Planned unavailable hours	5.10	28.32	3.56	10.32	23.23	3.58	3.13	3.27
Unplanned unavailable hours	0	0	10.05	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	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62
Train 3								
Planned unavailable hours	0.22	3.00	23.05	0.62	0	0.90	0.63	1.44
Unplanned unavailable hours	0	36.35	0	0	0	1.74	0	19.25
Fault exposure hours	0	3.55	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2138.80	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62
Indicator value	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	23.88	21.65	8.78	6.09	8.97	64.94	18.58	18.35
Unplanned unavailable hours	0	0	0	0	6.83	0.25	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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	23.06	8.06	7.51	8.25	43.73	12.25	19.54	5.03
Unplanned unavailable hours	0	0	10.05	0	0	0.17	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.0%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**0.9%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**
Maximum activity	0.000591	0.000605	0.000625	0.000246	0.000402	0.000304	0.000319	0.000327	0.000357	0.000368	0.000571	0.000421
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**
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	0.000400	0.000437	0.000474	0.000469	0.000471	0.000537	0.000513	0.000531	0.000543	0.000243	0.000249	0.000273
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**	**0.1**	**0.1**	**0.1**	**0**	**0**	**0**

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	0.082	0.066	0.062	0.045	0.061	0.055	0.036	0.058	0.139	0.046	0.060	0.056
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**	**0.7**	**0.6**	**0.5**	**0.6**	**0.6**	**0.4**	**0.6**	**1.4**	**0.5**	**0.6**	**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	0.062	0.083	0.055	0.060	0.057	0.068	0.060	0.047	0.051	0.056	0.069	0.073
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**	**0.6**	**0.6**	**0.6**	**0.7**	**0.6**	**0.5**	**0.5**	**0.6**	**0.7**	**0.7**

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	72.0	79.0	24.0	21.0	54.0	3.0	38.0	16.0
Total opportunities	74.0	81.0	24.0	22.0	55.0	4.0	42.0	16.0
Indicator value	**97.1%**	**97.3%**	**97.2%**	**97.0%**	**97.6%**	**97.4%**	**96.5%**	**96.5%**

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	101.0	108.0	105.0	99.0	95.0	97.0	98.0	104.0
Total Key personnel	106.0	111.0	107.0	102.0	102.0	104.0	104.0	108.0
Indicator value	**95.3%**	**97.3%**	**98.1%**	**97.1%**	**93.1%**	**93.3%**	**94.2%**	**96.3%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	609	611	609	611	608	610	611	607
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.4%**	**99.5%**	**99.6%**	**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	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
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/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

Vogtle 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	1.0	0	0	0	1.0	1.0	0
Critical hours	1715.0	2151.2	2183.0	2208.0	2209.0	1672.8	1953.6	2208.0
Indicator value	**0**	**0.9**	**0.9**	**0.8**	**0.8**	**0.8**	**1.7**	**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	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	**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/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1715.0	2151.2	2183.0	2208.0	2209.0	1672.8	1953.6	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	1.99	2.59	1.60	2.49	4.17	0.74	2.08	1.75
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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	1.63	4.48	2.33	2.28	15.10	1.20	1.94	2.25
Unplanned unavailable hours	0	20.07	0.08	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**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)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	19.27	5.31	2.39	7.04	41.79	3.49	16.79	6.14
Unplanned unavailable hours	0	0	0	6.83	1.90	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	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00
Train 2								
Planned unavailable hours	5.84	5.69	4.75	41.69	26.58	4.36	3.56	7.59
Unplanned unavailable hours	0	10.05	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	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00
Train 3								
Planned unavailable hours	20.19	6.31	4.11	22.04	25.85	7.48	19.73	8.08
Unplanned unavailable hours	0	0	0	6.83	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	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00
Train 4								
Planned unavailable hours	9.28	6.91	9.54	43.58	26.35	6.36	6.54	8.69
Unplanned unavailable hours	0	10.05	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	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00
Indicator value	**0.8%**	**0.8%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

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	2.72	16.84	2.02	42.90	4.45	3.17	5.52	5.17
Unplanned unavailable hours	13.45	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	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00
Train 2								
Planned unavailable hours	28.32	3.56	10.32	23.23	3.58	3.13	3.27	7.60
Unplanned unavailable hours	0	10.05	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	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00
Train 3								
Planned unavailable hours	3.00	23.05	0.62	0	0.90	0.63	1.44	1.45
Unplanned unavailable hours	36.35	0	0	0	1.74	0	19.25	0
Fault exposure hours	3.55	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1715.03	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	1464.00
Indicator value	**0.3%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

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	21.65	8.78	6.09	8.97	64.94	18.58	18.35	8.02
Unplanned unavailable hours	0	0	0	6.83	0.25	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	8.06	7.51	8.25	43.73	12.25	19.54	5.03	10.04
Unplanned unavailable hours	0	10.05	0	0	0.17	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%**	**1.0%**	**0.9%**	**0.9%**	**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/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
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

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	0.000246	0.000402	0.000304	0.000319	0.000327	0.000357	0.000368	0.000571	0.000421	0.000400	0.000437	0.000474
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**	**0**	**0**
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	0.000469	0.000471	0.000537	0.000513	0.000531	0.000543	0.000243	0.000249	0.000273	0.000304	0.000293	0.000343
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**	**0**	**0**	**0**	**0**	**0**

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	0.045	0.061	0.055	0.036	0.058	0.139	0.046	0.060	0.056	0.062	0.083	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	**0.5**	**0.6**	**0.6**	**0.4**	**0.6**	**1.4**	**0.5**	**0.6**	**0.6**	**0.6**	**0.8**	**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	0.060	0.057	0.068	0.060	0.047	0.051	0.056	0.069	0.073	0.088	0.113	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**	**0.6**	**0.7**	**0.6**	**0.5**	**0.5**	**0.6**	**0.7**	**0.7**	**0.9**	**1.1**	**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	79.0	24.0	21.0	54.0	3.0	38.0	16.0	52.0
Total opportunities	81.0	24.0	22.0	55.0	4.0	42.0	16.0	52.0
Indicator value	**97.3%**	**97.2%**	**97.0%**	**97.6%**	**97.4%**	**96.5%**	**96.5%**	**97.0%**

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	108.0	105.0	99.0	95.0	97.0	98.0	104.0	106.0
Total Key personnel	111.0	107.0	102.0	102.0	104.0	104.0	108.0	110.0
Indicator value	**97.3%**	**98.1%**	**97.1%**	**93.1%**	**93.3%**	**94.2%**	**96.3%**	**96.4%**

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	611	609	611	608	610	611	607	596
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.5%**	**99.6%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.2%**

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	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

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

Vogtle 1

4Q/2005 Performance Indicators

Licensee's General Comments: Quarterly Comments added and / or revised. There are no data changes in this change file.

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	1.0	0	0	0	1.0	1.0	0	1.0
Critical hours	2151.2	2183.0	2208.0	2209.0	1672.8	1953.6	2208.0	2175.3
Indicator value	**0.9**	**0.9**	**0.8**	**0.8**	**0.8**	**1.7**	**1.7**	**2.6**

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	**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/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2151.2	2183.0	2208.0	2209.0	1672.8	1953.6	2208.0	2175.3
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	2.59	1.60	2.49	4.17	0.74	2.08	1.75	4.37
Unplanned unavailable hours	0	0	0	0	0	0	0	5.77
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
Train 2								
Planned unavailable hours	4.48	2.33	2.28	15.10	1.20	1.94	2.25	3.08
Unplanned unavailable hours	20.07	0.08	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	2183.00	2208.00	2209.00
Indicator value	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments:

4Q/05: 1) There were additional availability hours related to an abnormal alignment of NSCW requiring operator action that were under investigation. The NSCW availability hours question was resolved with the Senior Resident. 2) There were 338.28 Hours of T/2 Fault Exposure due to a failed termination board in the sequencer that processes diesel generator low voltage signals.

4Q/05: The NSCW availability hours question has been resolved with the Senior Resident

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	5.31	2.39	7.04	41.79	3.49	16.79	6.14	3.87
Unplanned unavailable hours	0	0	6.83	1.90	0	0	0	2.83
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00	2175.25
Train 2								
Planned unavailable hours	5.69	4.75	41.69	26.58	4.36	3.56	7.59	6.84
Unplanned unavailable hours	10.05	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	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00	2175.25
Train 3								
Planned unavailable hours	6.31	4.11	22.04	25.85	7.48	19.73	8.08	5.31
Unplanned unavailable hours	0	0	6.83	0	0	0	0	2.83
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00	2175.25
Train 4								
Planned unavailable hours	6.91	9.54	43.58	26.35	6.36	6.54	8.69	8.21
Unplanned unavailable hours	10.05	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	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00	2175.25
Indicator value	**0.8%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments:

4Q/05: There were additional availability hours related to an abnormal alignment of NSCW requiring operator action that were under investigation. The NSCW availability hours question was resolved with the Senior Resident.

4Q/05: The NSCW availability hours question has been resolved with the Senior Resident

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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	16.84	2.02	42.90	4.45	3.17	5.52	5.17	8.69
Unplanned unavailable hours	0	0	0	0	0	0	0	12.28
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00	2175.25
Train 2								
Planned unavailable hours	3.56	10.32	23.23	3.58	3.13	3.27	7.60	6.23
Unplanned unavailable hours	10.05	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	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00	2175.25
Train 3								
Planned unavailable hours	23.05	0.62	0	0.90	0.63	1.44	1.45	0.38
Unplanned unavailable hours	0	0	0	1.74	0	19.25	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	2151.20	2183.00	2208.00	2209.00	1672.75	1953.62	1464.00	2175.25
Indicator value	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**0.5%**

Licensee Comments: none

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	8.78	6.09	8.97	64.94	18.58	18.35	8.02	23.94
Unplanned unavailable hours	0	0	6.83	0.25	0	0	0	2.83
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
Train 2								
Planned unavailable hours	7.51	8.25	43.73	12.25	19.54	5.03	10.04	8.72
Unplanned unavailable hours	10.05	0	0	0.17	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	**1.0%**	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.8%**

Licensee Comments:

4Q/05: There were additional availability hours related to an abnormal alignment of NSCW requiring operator action that were

under investigation. The NSCW availability hours question was resolved with the Senior Resident.

4Q/05: The NSCW availability hours question has been resolved with the Senior Resident

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**
Maximum activity	0.000319	0.000327	0.000357	0.000368	0.000571	0.000421	0.000400	0.000437	0.000474	0.000469	0.000471	0.000537
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**	**0**	**0**	**0**	**0**	**0.1**
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	0.000513	0.000531	0.000543	0.000243	0.000249	0.000273	0.000304	0.000293	0.000343	0.000380	0.000325	0.000376
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**	**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	**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	0.036	0.058	0.139	0.046	0.060	0.056	0.062	0.083	0.055	0.060	0.057	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	**0.4**	**0.6**	**1.4**	**0.5**	**0.6**	**0.6**	**0.6**	**0.8**	**0.6**	**0.6**	**0.6**	**0.7**
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	0.060	0.047	0.051	0.056	0.069	0.073	0.088	0.113	0.074	0.060	0.070	0.073
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**	**0.6**	**0.7**	**0.7**	**0.9**	**1.1**	**0.7**	**0.6**	**0.7**	**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	24.0	21.0	54.0	3.0	38.0	16.0	52.0	37.0
Total opportunities	24.0	22.0	55.0	4.0	42.0	16.0	52.0	39.0
Indicator value	**97.2%**	**97.0%**	**97.6%**	**97.4%**	**96.5%**	**96.5%**	**97.0%**	**96.5%**

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	105.0	99.0	95.0	97.0	98.0	104.0	106.0	111.0
Total Key personnel	107.0	102.0	102.0	104.0	104.0	108.0	110.0	113.0
Indicator value	**98.1%**	**97.1%**	**93.1%**	**93.3%**	**94.2%**	**96.3%**	**96.4%**	**98.2%**

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	609	611	608	610	611	607	596	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.6%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.2%**	**99.2%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/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	**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/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

Vogtle 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	1.0	1.0	0	1.0	0
Critical hours	2183.0	2208.0	2209.0	1672.8	1953.6	2208.0	2175.3	2160.0
Indicator value	**0.9**	**0.8**	**0.8**	**0.8**	**1.7**	**1.7**	**2.6**	**1.6**

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	**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	1672.8	1953.6	2208.0	2175.3	2160.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	1.60	2.49	4.17	0.74	2.08	1.75	4.37	47.82
Unplanned unavailable hours	0	0	0	0	0	0	5.77	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	2.33	2.28	15.10	1.20	1.94	2.25	3.08	37.55
Unplanned unavailable hours	0.08	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	**0.3%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.4%**

Licensee Comments:

4Q/05: 1) There were additional availability hours related to an abnormal alignment of NSCW requiring operator action that were under investigation. The NSCW availability hours question was resolved with the Senior Resident. 2) There were 338.28 Hours of T/2 Fault Exposure due to a failed termination board in the sequencer that processes diesel generator low voltage signals.

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	2.39	7.04	41.79	3.49	16.79	6.14	3.87	8.04
Unplanned unavailable hours	0	6.83	1.90	0	0	0	2.83	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	1672.75	1953.62	2208.00	2175.25	2160.00
Train 2								
Planned unavailable hours	4.75	41.69	26.58	4.36	3.56	7.59	6.84	7.08
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	1672.75	1953.62	2208.00	2175.25	1423.44
Train 3								
Planned unavailable hours	4.11	22.04	25.85	7.48	19.73	8.08	5.31	10.51
Unplanned unavailable hours	0	6.83	0	0	0	0	2.83	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	1672.75	1953.62	2208.00	2175.25	2160.00
Train 4								
Planned unavailable hours	9.54	43.58	26.35	6.36	6.54	8.69	8.21	10.12
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	2183.00	2208.00	2209.00	1672.75	1953.62	2208.00	2175.25	2160.00
Indicator value	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**

Licensee Comments:

4Q/05: There were additional availability hours related to an abnormal alignment of NSCW requiring operator action that were under investigation. The NSCW availability hours question was resolved with the Senior Resident.

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	2.02	42.90	4.45	3.17	5.52	5.17	8.69	9.77
Unplanned unavailable hours	0	0	0	0	0	0	12.28	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	1672.75	1953.62	2208.00	2175.25	2160.00
Train 2								
Planned unavailable hours	10.32	23.23	3.58	3.13	3.27	7.60	6.23	2.98
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	1672.75	1953.62	2208.00	2175.25	2160.00
Train 3								
Planned unavailable hours	0.62	0	0.90	0.63	1.44	1.45	0.38	0.95
Unplanned unavailable hours	0	0	1.74	0	19.25	0	0	48.72
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	1672.75	1953.62	1464.00	2175.25	2160.00

Indicator value	**0.4%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**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	**2Q/04**	**3Q/04**	**4Q/04**	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**
Train 1								
Planned unavailable hours	6.09	8.97	64.94	18.58	18.35	8.02	23.94	10.15
Unplanned unavailable hours	0	6.83	0.25	0	0	0	2.83	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	8.25	43.73	12.25	19.54	5.03	10.04	8.72	8.95
Unplanned unavailable hours	0	0	0.17	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	**0.9%**	**0.9%**	**1.0%**	**0.9%**	**0.9%**	**0.9%**	**0.8%**	**0.8%**

Licensee Comments:

4Q/05: There were additional availability hours related to an abnormal alignment of NSCW requiring operator action that were under investigation. The NSCW availability hours question was resolved with the Senior Resident.

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	0	0	0	0	0	0	0
Indicator value	**2**	**1**	**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	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**
Maximum activity	0.000368	0.000571	0.000421	0.000400	0.000437	0.000474	0.000469	0.000471	0.000537	0.000513	0.000531	0.000543
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**	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**
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	0.000243	0.000249	0.000273	0.000304	0.000293	0.000343	0.000380	0.000325	0.000376	0.000285	0.000388	0.000310
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

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	0.046	0.060	0.056	0.062	0.083	0.055	0.060	0.057	0.068	0.060	0.047	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	**0.5**	**0.6**	**0.6**	**0.6**	**0.8**	**0.6**	**0.6**	**0.6**	**0.7**	**0.6**	**0.5**	**0.5**
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	0.056	0.069	0.073	0.088	0.113	0.074	0.060	0.070	0.073	0.074	0.093	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	**0.6**	**0.7**	**0.7**	**0.9**	**1.1**	**0.7**	**0.6**	**0.7**	**0.7**	**0.7**	**0.9**	**0.9**

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	21.0	54.0	3.0	38.0	16.0	52.0	37.0	86.0
Total opportunities	22.0	55.0	4.0	42.0	16.0	52.0	39.0	98.0
Indicator value	**97.0%**	**97.6%**	**97.4%**	**96.5%**	**96.5%**	**97.0%**	**96.5%**	**93.6%**

Licensee Comments: none

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	99.0	95.0	97.0	98.0	104.0	106.0	111.0	110.0
Total Key personnel	102.0	102.0	104.0	104.0	108.0	110.0	113.0	110.0
Indicator value	**97.1%**	**93.1%**	**93.3%**	**94.2%**	**96.3%**	**96.4%**	**98.2%**	**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	611	608	610	611	607	596	610	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.2%**	**99.2%**	**99.1%**

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	**1**	**1**	**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

Vogtle 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	1.0	1.0	0	1.0	0	1.0
Critical hours	2208.0	2209.0	1672.8	1953.6	2208.0	2175.3	2160.0	2015.4
Indicator value	**0.8**	**0.8**	**0.8**	**1.7**	**1.7**	**2.6**	**1.6**	**1.6**

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	1672.8	1953.6	2208.0	2175.3	2160.0	2015.4
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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-1.80E-07
URI (ΔCDF)								-7.80E-07
PLE								NO
Indicator value								**-9.60E-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)								6.80E-09
URI (ΔCDF)								-2.60E-09
PLE								NO
Indicator value								**4.20E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								2.50E-07
URI (ΔCDF)								3.40E-07
PLE								NO
Indicator value								**5.90E-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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-1.50E-09
URI (ΔCDF)								-3.20E-08
PLE								NO
Indicator value								**-3.35E-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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								1.10E-07
URI (ΔCDF)								-1.90E-08
PLE								NO
Indicator value								**9.10E-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	0.000400	0.000437	0.000474	0.000469	0.000471	0.000537	0.000513	0.000531	0.000543	0.000243	0.000249	0.000273
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**	**0.1**	**0.1**	**0.1**	**0**	**0**	**0**
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	0.000304	0.000293	0.000343	0.000380	0.000325	0.000376	0.000285	0.000388	0.000310	0.000221	0.000240	0.000356
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

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	0.062	0.083	0.055	0.060	0.057	0.068	0.060	0.047	0.051	0.056	0.069	0.073
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**	**0.6**	**0.6**	**0.6**	**0.7**	**0.6**	**0.5**	**0.5**	**0.6**	**0.7**	**0.7**
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	0.088	0.113	0.074	0.060	0.070	0.073	0.074	0.093	0.085	0.063	0.117	0.064
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**	**0.7**	**0.7**	**0.7**	**0.9**	**0.9**	**0.6**	**1.2**	**0.6**

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	54.0	3.0	38.0	16.0	52.0	37.0	86.0	100.0
Total opportunities	55.0	4.0	42.0	16.0	52.0	39.0	98.0	100.0
Indicator value	**97.6%**	**97.4%**	**96.5%**	**96.5%**	**97.0%**	**96.5%**	**93.6%**	**95.1%**

Licensee Comments: none

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	95.0	97.0	98.0	104.0	106.0	111.0	110.0	108.0
Total Key personnel	102.0	104.0	104.0	108.0	110.0	113.0	110.0	112.0
Indicator value	**93.1%**	**93.3%**	**94.2%**	**96.3%**	**96.4%**	**98.2%**	**100.0%**	**96.4%**

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	608	610	611	607	596	610	610	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.2%**	**99.2%**	**99.1%**	**99.3%**

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	**1**	**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

Vogtle 1

3Q/2006 Performance Indicators

Licensee's General Comments: Correction was made to CDE to change the CCPs from alternating run times to standby. This is in accordance with the basis document and only a CDE change.

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	1.0	1.0	0	1.0	0	1.0	0
Critical hours	2209.0	1672.8	1953.6	2208.0	2175.3	2160.0	2015.4	1875.9
Indicator value	**0.8**	**0.8**	**1.7**	**1.7**	**2.6**	**1.6**	**1.6**	**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	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	1672.8	1953.6	2208.0	2175.3	2160.0	2015.4	1875.9
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)	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
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/04**	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**
UAI (ΔCDF)							-1.80E-07	-1.80E-07
URI (ΔCDF)							-7.80E-07	-7.80E-07
PLE							NO	NO
Indicator value							**-9.60E-07**	**-9.60E-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)							6.80E-09	6.00E-09
URI (ΔCDF)							-1.00E-08	-1.00E-08
PLE							NO	NO
Indicator value							**-3.20E-09**	**-4.00E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							2.50E-07	2.80E-07
URI (ΔCDF)							3.40E-07	3.30E-07
PLE							NO	NO
Indicator value							**5.90E-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	**4Q/04**	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**
UAI (ΔCDF)							-1.50E-09	1.60E-09
URI (ΔCDF)							-3.20E-08	-3.30E-08
PLE							NO	NO
Indicator value							**-3.35E-08**	**-3.14E-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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							1.10E-07	1.10E-07
URI (ΔCDF)							-1.90E-08	-1.70E-08
PLE							NO	NO
Indicator value							**9.10E-08**	**9.30E-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	0.000469	0.000471	0.000537	0.000513	0.000531	0.000543	0.000243	0.000249	0.000273	0.000304	0.000293	0.000343
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**	**0**	**0**	**0**	**0**	**0**
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	0.000380	0.000325	0.000376	0.000285	0.000388	0.000310	0.000221	0.000240	0.000356	0.000346	0.000360	0.000363
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

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	0.060	0.057	0.068	0.060	0.047	0.051	0.056	0.069	0.073	0.088	0.113	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**	**0.6**	**0.7**	**0.6**	**0.5**	**0.5**	**0.6**	**0.7**	**0.7**	**0.9**	**1.1**	**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	0.060	0.070	0.073	0.074	0.093	0.085	0.063	0.117	0.064	0.067	0.088	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	**0.6**	**0.7**	**0.7**	**0.7**	**0.9**	**0.9**	**0.6**	**1.2**	**0.6**	**0.7**	**0.9**	**0.6**

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	3.0	38.0	16.0	52.0	37.0	86.0	100.0	104.0
Total opportunities	4.0	42.0	16.0	52.0	39.0	98.0	100.0	112.0
Indicator value	**97.4%**	**96.5%**	**96.5%**	**97.0%**	**96.5%**	**93.6%**	**95.1%**	**94.2%**

Licensee Comments: none

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	97.0	98.0	104.0	106.0	111.0	110.0	108.0	111.0
Total Key personnel	104.0	104.0	108.0	110.0	113.0	110.0	112.0	113.0
Indicator value	**93.3%**	**94.2%**	**96.3%**	**96.4%**	**98.2%**	**100.0%**	**96.4%**	**98.2%**

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	610	611	607	596	610	610	611	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.8%**	**99.8%**	**99.7%**	**99.2%**	**99.2%**	**99.1%**	**99.3%**	**99.9%**

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

Vogtle 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	1.0	1.0	0	1.0	0	1.0	0	0
Critical hours	1672.8	1953.6	2208.0	2175.3	2160.0	2015.4	1875.9	1511.4
Indicator value	**0.8**	**1.7**	**1.7**	**2.6**	**1.6**	**1.6**	**1.7**	**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	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	1672.8	1953.6	2208.0	2175.3	2160.0	2015.4	1875.9	1511.4
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	1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

Licensee Comments:

4Q/06: LER 50-424-2006-004-00

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)						-1.80E-07	-1.80E-07	-1.40E-07
URI (ΔCDF)						-7.80E-07	-7.80E-07	-7.70E-07
PLE						NO	NO	NO
Indicator value						**-9.60E-07**	**-9.60E-07**	**-9.10E-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	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**
UAI (ΔCDF)						6.80E-09	6.00E-09	6.60E-09
URI (ΔCDF)						-1.00E-08	-1.00E-08	-1.00E-08
PLE						NO	NO	NO
Indicator value						**-3.20E-09**	**-4.00E-09**	**-3.40E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						2.50E-07	2.80E-07	1.30E-07
URI (ΔCDF)						3.40E-07	3.30E-07	-2.10E-09
PLE						NO	NO	NO
Indicator value						**5.90E-07**	**6.10E-07**	**1.28E-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)						-1.50E-09	1.60E-09	1.60E-09
URI (ΔCDF)						-3.20E-08	-3.30E-08	-3.40E-08
PLE						NO	NO	NO
Indicator value						**-3.35E-08**	**-3.14E-08**	**-3.24E-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/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						1.10E-07	1.10E-07	1.10E-07
URI (ΔCDF)						-1.90E-08	-1.70E-08	-3.00E-08
PLE						NO	NO	NO
Indicator value						**9.10E-08**	**9.30E-08**	**8.00E-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	0.000513	0.000531	0.000543	0.000243	0.000249	0.000273	0.000304	0.000293	0.000343	0.000380	0.000325	0.000376
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000285	0.000388	0.000310	0.000221	0.000240	0.000356	0.000346	0.000360	0.000363	N/A	0.000120	0.000127
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**	**N/A**	**0**	**0**

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	0.060	0.047	0.051	0.056	0.069	0.073	0.088	0.113	0.074	0.060	0.070	0.073
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**	**0.6**	**0.7**	**0.7**	**0.9**	**1.1**	**0.7**	**0.6**	**0.7**	**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	0.074	0.093	0.085	0.063	0.117	0.064	0.067	0.088	0.057	0.028	0.086	0.071
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**	**0.9**	**0.9**	**0.6**	**1.2**	**0.6**	**0.7**	**0.9**	**0.6**	**0.3**	**0.9**	**0.7**

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	38.0	16.0	52.0	37.0	86.0	100.0	104.0	27.0
Total opportunities	42.0	16.0	52.0	39.0	98.0	100.0	112.0	28.0
Indicator value	**96.5%**	**96.5%**	**97.0%**	**96.5%**	**93.6%**	**95.1%**	**94.2%**	**94.5%**

Licensee Comments: none

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	98.0	104.0	106.0	111.0	110.0	108.0	111.0	108.0
Total Key personnel	104.0	108.0	110.0	113.0	110.0	112.0	113.0	111.0
Indicator value	**94.2%**	**96.3%**	**96.4%**	**98.2%**	**100.0%**	**96.4%**	**98.2%**	**97.3%**

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	611	607	596	610	610	611	611	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.8%**	**99.7%**	**99.2%**	**99.2%**	**99.1%**	**99.3%**	**99.9%**	**100.0%**

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

Vogtle 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	1.0	0	1.0	0	1.0	0	0	0
Critical hours	1953.6	2208.0	2175.3	2160.0	2015.4	1875.9	1511.4	2159.0
Indicator value	**1.7**	**1.7**	**2.6**	**1.6**	**1.6**	**1.7**	**0.9**	**0.9**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1953.6	2208.0	2175.3	2160.0	2015.4	1875.9	1511.4	2159.0
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)	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	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	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-1.80E-07	-1.80E-07	-1.40E-07	-5.80E-08
URI (ΔCDF)					-7.80E-07	-7.80E-07	-7.70E-07	1.60E-07
PLE					NO	NO	NO	NO
Indicator value					**-9.60E-07**	**-9.60E-07**	**-9.10E-07**	**1.02E-07**

Licensee Comments:

1Q/07: The 1A/B DG UABLP values were adjusted for AOT times. 02-04 had 1 AOT but 05-07 will have 2. Overhaul hours on 1A changed from 201.03 to 463.35 on 1B from 236.47 to 445.07.

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)					6.80E-09	6.00E-09	6.60E-09	3.70E-09
URI (ΔCDF)					-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08
PLE					NO	NO	NO	NO
Indicator value					**-3.20E-09**	**-4.00E-09**	**-3.40E-09**	**-6.30E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					2.50E-07	2.80E-07	1.30E-07	6.80E-08
URI (ΔCDF)					3.40E-07	3.30E-07	-2.10E-09	2.30E-08
PLE					NO	NO	NO	NO
Indicator value					**5.90E-07**	**6.10E-07**	**1.28E-07**	**9.10E-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/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-1.50E-09	1.60E-09	1.60E-09	-3.90E-09
URI (ΔCDF)					-3.20E-08	-3.30E-08	-3.40E-08	-3.40E-08
PLE					NO	NO	NO	NO
Indicator value					**-3.35E-08**	**-3.14E-08**	**-3.24E-08**	**-3.79E-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/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					1.10E-07	1.10E-07	1.10E-07	1.20E-07
URI (ΔCDF)					-1.90E-08	-1.70E-08	-3.00E-08	5.70E-07
PLE					NO	NO	NO	NO
Indicator value					**9.10E-08**	**9.30E-08**	**8.00E-08**	**6.90E-07**

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	0.000243	0.000249	0.000273	0.000304	0.000293	0.000343	0.000380	0.000325	0.000376	0.000285	0.000388	0.000310
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	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**
Maximum activity	0.000221	0.000240	0.000356	0.000346	0.000360	0.000363	N/A	0.000120	0.000127	0.000135	0.000137	0.000142
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**	**N/A**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**
Maximum leakage	0.056	0.069	0.073	0.088	0.113	0.074	0.060	0.070	0.073	0.074	0.093	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	**0.6**	**0.7**	**0.7**	**0.9**	**1.1**	**0.7**	**0.6**	**0.7**	**0.7**	**0.7**	**0.9**	**0.9**
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	0.063	0.117	0.064	0.067	0.088	0.057	0.028	0.086	0.071	0.116	0.079	0.101
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**	**1.2**	**0.6**	**0.7**	**0.9**	**0.6**	**0.3**	**0.9**	**0.7**	**1.2**	**0.8**	**1.0**

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	16.0	52.0	37.0	86.0	100.0	104.0	27.0	31.0
Total opportunities	16.0	52.0	39.0	98.0	100.0	112.0	28.0	38.0
Indicator value	**96.5%**	**97.0%**	**96.5%**	**93.6%**	**95.1%**	**94.2%**	**94.5%**	**93.8%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	104.0	106.0	111.0	110.0	108.0	111.0	108.0	104.0
Total Key personnel	108.0	110.0	113.0	110.0	112.0	113.0	111.0	113.0
Indicator value	**96.3%**	**96.4%**	**98.2%**	**100.0%**	**96.4%**	**98.2%**	**97.3%**	**92.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	607	596	610	610	611	611	611	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.7%**	**99.2%**	**99.2%**	**99.1%**	**99.3%**	**99.9%**	**100.0%**	**100.0%**

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

Vogtle 1

2Q/2007 Performance Indicators

Licensee's General Comments: A revision was made to 1Q06 Drill Exercise Performance based on results of a white finding that determined a previously identified successful drill exercise was unsuccessful.

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned scrams	0	1.0	0	1.0	0	0	0	0
Critical hours	2208.0	2175.3	2160.0	2015.4	1875.9	1511.4	2159.0	2184.0
Indicator value	**1.7**	**2.6**	**1.6**	**1.6**	**1.7**	**0.9**	**0.9**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2175.3	2160.0	2015.4	1875.9	1511.4	2159.0	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	1	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1**	**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	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				-1.80E-07	-1.80E-07	-1.40E-07	-5.80E-08	-5.80E-08
URI (ΔCDF)				-7.80E-07	-7.80E-07	-7.70E-07	1.60E-07	1.30E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**-9.60E-07**	**-9.60E-07**	**-9.10E-07**	**1.02E-07**	**7.20E-08**

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)				6.80E-09	6.00E-09	6.60E-09	3.70E-09	3.20E-09
URI (ΔCDF)				-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08
PLE				NO	NO	NO	NO	NO
Indicator value				**-3.20E-09**	**-4.00E-09**	**-3.40E-09**	**-6.30E-09**	**-6.80E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				2.50E-07	2.80E-07	1.30E-07	6.80E-08	9.20E-08
URI (ΔCDF)				3.40E-07	3.30E-07	-2.10E-09	2.30E-08	2.30E-08
PLE				NO	NO	NO	NO	NO
Indicator value				**5.90E-07**	**6.10E-07**	**1.28E-07**	**9.10E-08**	**1.15E-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)				-1.50E-09	1.60E-09	1.60E-09	-3.90E-09	-3.70E-09
URI (ΔCDF)				-3.20E-08	-3.30E-08	-3.40E-08	-3.40E-08	-3.40E-08
PLE				NO	NO	NO	NO	NO
Indicator value				**-3.35E-08**	**-3.14E-08**	**-3.24E-08**	**-3.79E-08**	**-3.77E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				1.10E-07	1.10E-07	1.10E-07	1.20E-07	1.20E-07
URI (ΔCDF)				-1.90E-08	-1.70E-08	-3.00E-08	5.70E-07	5.70E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**9.10E-08**	**9.30E-08**	**8.00E-08**	**6.90E-07**	**6.90E-07**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**
Maximum activity	0.000304	0.000293	0.000343	0.000380	0.000325	0.000376	0.000285	0.000388	0.000310	0.000221	0.000240	0.000356
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**
Maximum activity	0.000346	0.000360	0.000363	N/A	0.000120	0.000127	0.000135	0.000137	0.000142	0.000178	0.000220	0.000265
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**
Maximum leakage	0.088	0.113	0.074	0.060	0.070	0.073	0.074	0.093	0.085	0.063	0.117	0.064
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**	**0.7**	**0.7**	**0.7**	**0.9**	**0.9**	**0.6**	**1.2**	**0.6**
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	0.067	0.088	0.057	0.028	0.086	0.071	0.116	0.079	0.101	0.093	0.105	0.095
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**	**0.9**	**0.6**	**0.3**	**0.9**	**0.7**	**1.2**	**0.8**	**1.0**	**0.9**	**1.1**	**1.0**

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	52.0	37.0	85.0	100.0	104.0	27.0	31.0	49.0
Total opportunities	52.0	39.0	98.0	100.0	112.0	28.0	38.0	50.0
Indicator value	**97.0%**	**96.5%**	**93.3%**	**94.8%**	**94.0%**	**94.3%**	**93.6%**	**93.8%**

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	106.0	111.0	110.0	108.0	111.0	108.0	104.0	107.0
Total Key personnel	110.0	113.0	110.0	112.0	113.0	111.0	113.0	111.0
Indicator value	**96.4%**	**98.2%**	**100.0%**	**96.4%**	**98.2%**	**97.3%**	**92.0%**	**96.4%**

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	596	610	610	611	611	611	610	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.2%**	**99.2%**	**99.1%**	**99.3%**	**99.9%**	**100.0%**	**100.0%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Vogtle 1

3Q/2007 Performance Indicators

Licensee's General Comments: 4Q06 - 2Q07 revision to reflect the new Unplanned Scrams with Complications PI.

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	1.0	0	1.0	0	0	0	0	0
Critical hours	2175.3	2160.0	2015.4	1875.9	1511.4	2159.0	2184.0	2208.0
Indicator value	**2.6**	**1.6**	**1.6**	**1.7**	**0.9**	**0.9**	**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/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	2175.3	2160.0	2015.4	1875.9	1511.4	2159.0	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	0	0	0
Indicator value								**0.0**

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	1	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**1**	**1**	**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	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-1.80E-07	-1.80E-07	-1.40E-07	-5.80E-08	-5.80E-08	-5.90E-08
URI (ΔCDF)			-7.80E-07	-7.80E-07	-7.70E-07	1.60E-07	1.30E-07	1.30E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-9.60E-07**	**-9.60E-07**	**-9.10E-07**	**1.02E-07**	**7.20E-08**	**7.10E-08**

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/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			6.80E-09	6.00E-09	6.60E-09	3.70E-09	3.20E-09	-2.20E-09
URI (ΔCDF)			-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-9.70E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-3.20E-09**	**-4.00E-09**	**-3.40E-09**	**-6.30E-09**	**-6.80E-09**	**-1.19E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			2.50E-07	2.80E-07	1.30E-07	6.80E-08	9.20E-08	9.20E-08
URI (ΔCDF)			3.40E-07	3.30E-07	-2.10E-09	2.30E-08	2.30E-08	3.50E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**5.90E-07**	**6.10E-07**	**1.28E-07**	**9.10E-08**	**1.15E-07**	**1.27E-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)			-1.50E-09	1.60E-09	1.60E-09	-3.90E-09	-3.70E-09	-7.00E-09
URI (ΔCDF)			-3.20E-08	-3.30E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-3.35E-08**	**-3.14E-08**	**-3.24E-08**	**-3.79E-08**	**-3.77E-08**	**-4.10E-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	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			1.10E-07	1.10E-07	1.10E-07	1.20E-07	1.20E-07	1.20E-07
URI (ΔCDF)			-1.90E-08	-1.70E-08	-3.00E-08	5.70E-07	5.70E-07	5.70E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**9.10E-08**	**9.30E-08**	**8.00E-08**	**6.90E-07**	**6.90E-07**	**6.90E-07**

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	0.000380	0.000325	0.000376	0.000285	0.000388	0.000310	0.000221	0.000240	0.000356	0.000346	0.000360	0.000363
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	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**
Maximum activity	N/A	0.000120	0.000127	0.000135	0.000137	0.000142	0.000178	0.000220	0.000265	0.000227	0.000240	0.000253
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**	**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	**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	0.060	0.070	0.073	0.074	0.093	0.085	0.063	0.117	0.064	0.067	0.088	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	**0.6**	**0.7**	**0.7**	**0.7**	**0.9**	**0.9**	**0.6**	**1.2**	**0.6**	**0.7**	**0.9**	**0.6**
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	0.028	0.086	0.071	0.116	0.079	0.101	0.093	0.105	0.095	0.092	0.089	0.081
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**	**0.9**	**0.7**	**1.2**	**0.8**	**1.0**	**0.9**	**1.1**	**1.0**	**0.9**	**0.9**	**0.8**

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	37.0	85.0	100.0	104.0	27.0	31.0	49.0	83.0
Total opportunities	39.0	98.0	100.0	112.0	28.0	38.0	50.0	87.0
Indicator value	**96.5%**	**93.3%**	**94.8%**	**94.0%**	**94.3%**	**93.6%**	**93.8%**	**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	111.0	110.0	108.0	111.0	108.0	104.0	107.0	113.0
Total Key personnel	113.0	110.0	112.0	113.0	111.0	113.0	111.0	116.0
Indicator value	**98.2%**	**100.0%**	**96.4%**	**98.2%**	**97.3%**	**92.0%**	**96.4%**	**97.4%**

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	610	610	611	611	611	610	610	609
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.2%**	**99.1%**	**99.3%**	**99.9%**	**100.0%**	**100.0%**	**99.9%**	**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

Vogtle 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	1.0	0	0	0	0	0	0
Critical hours	2160.0	2015.4	1875.9	1511.4	2159.0	2184.0	2208.0	2209.0
Indicator value	**1.6**	**1.6**	**1.7**	**0.9**	**0.9**	**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/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	2015.4	1875.9	1511.4	2159.0	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	0	0	0	0
Indicator value							**0.0**	**0.0**

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	1	0	0	0	0
Indicator value	**0**	**0**	**0**	**1**	**1**	**1**	**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	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-1.80E-07	-1.80E-07	-1.40E-07	-5.80E-08	-5.80E-08	-5.90E-08	-8.80E-08
URI (ΔCDF)		-7.80E-07	-7.80E-07	-7.70E-07	1.60E-07	1.30E-07	1.30E-07	1.20E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-9.60E-07**	**-9.60E-07**	**-9.10E-07**	**1.02E-07**	**7.20E-08**	**7.10E-08**	**3.20E-08**

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/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		6.80E-09	6.00E-09	6.60E-09	3.70E-09	3.20E-09	-2.20E-09	-1.70E-09
URI (ΔCDF)		-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-9.70E-09	-9.50E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-3.20E-09**	**-4.00E-09**	**-3.40E-09**	**-6.30E-09**	**-6.80E-09**	**-1.19E-08**	**-1.12E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		2.50E-07	2.80E-07	1.30E-07	6.80E-08	9.20E-08	9.20E-08	8.60E-08
URI (ΔCDF)		3.40E-07	3.30E-07	-2.10E-09	2.30E-08	2.30E-08	3.50E-08	7.60E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**5.90E-07**	**6.10E-07**	**1.28E-07**	**9.10E-08**	**1.15E-07**	**1.27E-07**	**1.62E-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)		-1.50E-09	1.60E-09	1.60E-09	-3.90E-09	-3.70E-09	-7.00E-09	-7.20E-09
URI (ΔCDF)		-3.20E-08	-3.30E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.30E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-3.35E-08**	**-3.14E-08**	**-3.24E-08**	**-3.79E-08**	**-3.77E-08**	**-4.10E-08**	**-4.02E-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/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		1.10E-07	1.10E-07	1.10E-07	1.20E-07	1.20E-07	1.20E-07	1.50E-07
URI (ΔCDF)		-1.90E-08	-1.70E-08	-3.00E-08	5.70E-07	5.70E-07	5.70E-07	1.10E-06
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**9.10E-08**	**9.30E-08**	**8.00E-08**	**6.90E-07**	**6.90E-07**	**6.90E-07**	**1.25E-06**

Licensee Comments:

4Q/07: Risk Cap Invoked. On 10/12/07, an event involving 1HV-1668A occurred that is currently classified as a failure, which caused cooling water to go white. This classification is pending further evaluation.

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	0.000285	0.000388	0.000310	0.000221	0.000240	0.000356	0.000346	0.000360	0.000363	N/A	0.000120	0.000127
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**	**N/A**	**0**	**0**

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	0.000135	0.000137	0.000142	0.000178	0.000220	0.000265	0.000227	0.000240	0.000253	0.000315	0.000257	0.000267
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

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	0.074	0.093	0.085	0.063	0.117	0.064	0.067	0.088	0.057	0.028	0.086	0.071
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**	**0.9**	**0.9**	**0.6**	**1.2**	**0.6**	**0.7**	**0.9**	**0.6**	**0.3**	**0.9**	**0.7**
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	0.116	0.079	0.101	0.093	0.105	0.095	0.092	0.089	0.081	0.083	0.086	0.080
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**	**0.8**	**1.0**	**0.9**	**1.1**	**1.0**	**0.9**	**0.9**	**0.8**	**0.8**	**0.9**	**0.8**

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	85.0	100.0	104.0	27.0	31.0	49.0	83.0	44.0
Total opportunities	98.0	100.0	112.0	28.0	38.0	50.0	87.0	46.0
Indicator value	**93.3%**	**94.8%**	**94.0%**	**94.3%**	**93.6%**	**93.8%**	**93.5%**	**93.6%**

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	110.0	108.0	111.0	108.0	104.0	107.0	113.0	115.0
Total Key personnel	110.0	112.0	113.0	111.0	113.0	111.0	116.0	117.0
Indicator value	**100.0%**	**96.4%**	**98.2%**	**97.3%**	**92.0%**	**96.4%**	**97.4%**	**98.3%**

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	610	611	611	611	610	610	609	657
Total sirens-tests	611	611	611	611	611	611	611	658
Indicator value	**99.1%**	**99.3%**	**99.9%**	**100.0%**	**100.0%**	**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	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

Vogtle 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	1.0	0	0	0	0	0	0	0
Critical hours	2015.4	1875.9	1511.4	2159.0	2184.0	2208.0	2209.0	1801.0
Indicator value	**1.6**	**1.7**	**0.9**	**0.9**	**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/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	0
Critical hours	2015.4	1875.9	1511.4	2159.0	2184.0	2208.0	2209.0	1801.0
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	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Scrams with complications			0	0	0	0	0	0
Indicator value						**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/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
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

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)	-1.80E-07	-1.80E-07	-1.40E-07	-5.80E-08	-5.80E-08	-5.90E-08	-8.80E-08	-1.10E-07
URI (ΔCDF)	-7.80E-07	-7.80E-07	-7.70E-07	1.60E-07	1.30E-07	1.30E-07	1.20E-07	2.80E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.60E-07**	**-9.60E-07**	**-9.10E-07**	**1.02E-07**	**7.20E-08**	**7.10E-08**	**3.20E-08**	**1.70E-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/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	6.80E-09	6.00E-09	6.60E-09	3.70E-09	3.20E-09	-2.20E-09	-1.70E-09	-1.40E-10
URI (ΔCDF)	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-9.70E-09	-9.50E-09	-9.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.20E-09**	**-4.00E-09**	**-3.40E-09**	**-6.30E-09**	**-6.80E-09**	**-1.19E-08**	**-1.12E-08**	**-9.74E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	2.50E-07	2.80E-07	1.30E-07	6.80E-08	9.20E-08	9.20E-08	8.60E-08	8.50E-08
URI (ΔCDF)	3.40E-07	3.30E-07	-2.10E-09	2.30E-08	2.30E-08	3.50E-08	7.60E-08	1.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.90E-07**	**6.10E-07**	**1.28E-07**	**9.10E-08**	**1.15E-07**	**1.27E-07**	**1.62E-07**	**2.15E-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/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	-1.50E-09	1.60E-09	1.60E-09	-3.90E-09	-3.70E-09	-7.00E-09	-7.20E-09	-6.30E-09
URI (ΔCDF)	-3.20E-08	-3.30E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.30E-08	-3.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.35E-08**	**-3.14E-08**	**-3.24E-08**	**-3.79E-08**	**-3.77E-08**	**-4.10E-08**	**-4.02E-08**	**-3.73E-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/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**
UAI (ΔCDF)	1.10E-07	1.10E-07	1.10E-07	1.20E-07	1.20E-07	1.20E-07	1.50E-07	1.50E-07
URI (ΔCDF)	-1.90E-08	-1.70E-08	-3.00E-08	5.70E-07	5.70E-07	5.70E-07	5.60E-07	5.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.10E-08**	**9.30E-08**	**8.00E-08**	**6.90E-07**	**6.90E-07**	**6.90E-07**	**7.10E-07**	**7.10E-07**

Licensee Comments:

4Q/07: On 10/12/07, an event involving 1HV-1668A occurred that was classified as a failure based on unknown unavailability, which caused cooling water to go white. Subsequent evaluation of this event detemined that there was no inoperable condition and therefore no unavailability. This event was removed from MSPI failure counting

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	0.000221	0.000240	0.000356	0.000346	0.000360	0.000363	N/A	0.000120	0.000127	0.000135	0.000137	0.000142
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**	**N/A**	**0**	**0**	**0**	**0**	**0**

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	0.000178	0.000220	0.000265	0.000227	0.000240	0.000253	0.000315	0.000257	0.000267	0.000295	0.000287	0.000304
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

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	0.063	0.117	0.064	0.067	0.088	0.057	0.028	0.086	0.071	0.116	0.079	0.101
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**	**1.2**	**0.6**	**0.7**	**0.9**	**0.6**	**0.3**	**0.9**	**0.7**	**1.2**	**0.8**	**1.0**
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	0.093	0.105	0.095	0.092	0.089	0.081	0.083	0.086	0.080	0.086	0.081	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	**0.9**	**1.1**	**1.0**	**0.9**	**0.9**	**0.8**	**0.8**	**0.9**	**0.8**	**0.9**	**0.8**	**0.8**

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	100.0	104.0	27.0	31.0	49.0	83.0	44.0	26.0
Total opportunities	100.0	112.0	28.0	38.0	50.0	87.0	46.0	28.0
Indicator value	**94.8%**	**94.0%**	**94.3%**	**93.6%**	**93.8%**	**93.5%**	**93.6%**	**94.9%**

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	108.0	111.0	108.0	104.0	107.0	113.0	115.0	112.0
Total Key personnel	112.0	113.0	111.0	113.0	111.0	116.0	117.0	121.0
Indicator value	**96.4%**	**98.2%**	**97.3%**	**92.0%**	**96.4%**	**97.4%**	**98.3%**	**92.6%**

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	611	611	611	610	610	609	657	611
Total sirens-tests	611	611	611	611	611	611	658	611
Indicator value	**99.3%**	**99.9%**	**100.0%**	**100.0%**	**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	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

Vogtle 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	0	0	0	0	0	0
Critical hours	1875.9	1511.4	2159.0	2184.0	2208.0	2209.0	1801.0	1655.9
Indicator value	**1.7**	**0.9**	**0.9**	**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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1875.9	1511.4	2159.0	2184.0	2208.0	2209.0	1801.0	1655.9
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	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Scrams with complications		0	0	0	0	0	0	0
Indicator value					**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	**0**	**1**	**1**	**1**	**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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-1.80E-07	-1.40E-07	-5.80E-08	-5.80E-08	-5.90E-08	-8.80E-08	-1.10E-07	8.50E-08
URI (ΔCDF)	-7.80E-07	-7.70E-07	1.60E-07	1.30E-07	1.30E-07	1.20E-07	2.80E-07	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.60E-07**	**-9.10E-07**	**1.02E-07**	**7.20E-08**	**7.10E-08**	**3.20E-08**	**1.70E-07**	**3.35E-07**

Licensee Comments:

2Q/08: Changed PRA Parameter(s). PRA override used to correct error made while inputting second quarter future update.

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)	6.00E-09	6.60E-09	3.70E-09	3.20E-09	-2.20E-09	-1.70E-09	-1.40E-10	1.40E-09
URI (ΔCDF)	-1.00E-08	-1.00E-08	-1.00E-08	-1.00E-08	-9.70E-09	-9.50E-09	-9.60E-09	-9.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-09**	**-3.40E-09**	**-6.30E-09**	**-6.80E-09**	**-1.19E-08**	**-1.12E-08**	**-9.74E-09**	**-7.80E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	2.80E-07	1.30E-07	6.80E-08	9.20E-08	9.20E-08	8.60E-08	8.50E-08	2.50E-08
URI (ΔCDF)	3.30E-07	-2.10E-09	2.30E-08	2.30E-08	3.50E-08	7.60E-08	1.30E-07	1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.10E-07**	**1.28E-07**	**9.10E-08**	**1.15E-07**	**1.27E-07**	**1.62E-07**	**2.15E-07**	**1.75E-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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	1.60E-09	1.60E-09	-3.90E-09	-3.70E-09	-7.00E-09	-7.20E-09	-6.30E-09	-6.00E-09
URI (ΔCDF)	-3.30E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.30E-08	-3.10E-08	-3.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.14E-08**	**-3.24E-08**	**-3.79E-08**	**-3.77E-08**	**-4.10E-08**	**-4.02E-08**	**-3.73E-08**	**-3.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	1.10E-07	1.10E-07	1.20E-07	1.20E-07	1.20E-07	1.50E-07	1.50E-07	1.50E-07
URI (ΔCDF)	-1.70E-08	-3.00E-08	5.70E-07	5.70E-07	5.70E-07	5.60E-07	5.60E-07	5.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.30E-08**	**8.00E-08**	**6.90E-07**	**6.90E-07**	**6.90E-07**	**7.10E-07**	**7.10E-07**	**7.10E-07**

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	0.000346	0.000360	0.000363	N/A	0.000120	0.000127	0.000135	0.000137	0.000142	0.000178	0.000220	0.000265
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000227	0.000240	0.000253	0.000315	0.000257	0.000267	0.000295	0.000287	0.000304	0.000066	0.000084	0.000315
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

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	0.067	0.088	0.057	0.028	0.086	0.071	0.116	0.079	0.101	0.093	0.105	0.095
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**	**0.9**	**0.6**	**0.3**	**0.9**	**0.7**	**1.2**	**0.8**	**1.0**	**0.9**	**1.1**	**1.0**
Reactor Coolant System Leakage	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**
Maximum leakage	0.092	0.089	0.081	0.083	0.086	0.080	0.086	0.081	0.077	0.089	0.145	0.241
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**	**0.9**	**0.8**	**0.8**	**0.9**	**0.8**	**0.9**	**0.8**	**0.8**	**0.9**	**1.5**	**2.4**

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	104.0	27.0	31.0	49.0	83.0	44.0	28.0	58.0
Total opportunities	112.0	28.0	38.0	50.0	87.0	46.0	30.0	64.0
Indicator value	**94.0%**	**94.3%**	**93.6%**	**93.8%**	**93.5%**	**93.6%**	**94.9%**	**93.2%**

Licensee Comments:

1Q/08: A DEP performance indicator (PI) data sheet was not forwarded to Emergency Preparedness in a timely manner. The data sheet was discovered in the simulator instructors booth after the first quarter period had ended, thereby causing the first quarter (specifically the month of February) PI DEP to change once it was added into the calculation per procedure 00163-C.

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	111.0	108.0	104.0	107.0	113.0	115.0	112.0	123.0
Total Key personnel	113.0	111.0	113.0	111.0	116.0	117.0	121.0	127.0
Indicator value	**98.2%**	**97.3%**	**92.0%**	**96.4%**	**97.4%**	**98.3%**	**92.6%**	**96.9%**

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	611	611	610	610	609	657	611	610
Total sirens-tests	611	611	611	611	611	658	611	611
Indicator value	**99.9%**	**100.0%**	**100.0%**	**99.9%**	**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/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	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	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.

Vogtle 1

3Q/2008 Performance Indicators

Licensee's General Comments: none

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	0	0	0	0	0	0	0
Critical hours	1511.4	2159.0	2184.0	2208.0	2209.0	1801.0	1655.9	2208.0
Indicator value	**0.9**	**0.9**	**0**	**0**	**0**	**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	0	0	0
Critical hours	1511.4	2159.0	2184.0	2208.0	2209.0	1801.0	1655.9	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/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value				**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/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
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

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)	-1.40E-07	-5.80E-08	-5.80E-08	-5.90E-08	-8.80E-08	-1.10E-07	8.50E-08	8.60E-08
URI (ΔCDF)	-7.70E-07	1.60E-07	1.30E-07	1.30E-07	1.20E-07	2.80E-07	2.50E-07	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.10E-07**	**1.02E-07**	**7.20E-08**	**7.10E-08**	**3.20E-08**	**1.70E-07**	**3.35E-07**	**3.36E-07**

Licensee Comments:

3Q/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	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	6.60E-09	3.70E-09	3.20E-09	-2.20E-09	-1.70E-09	-1.40E-10	1.40E-09	2.40E-09
URI (ΔCDF)	-1.00E-08	-1.00E-08	-1.00E-08	-9.70E-09	-9.50E-09	-9.60E-09	-9.20E-09	-9.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.40E-09**	**-6.30E-09**	**-6.80E-09**	**-1.19E-08**	**-1.12E-08**	**-9.74E-09**	**-7.80E-09**	**-6.80E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	1.30E-07	6.80E-08	9.20E-08	9.20E-08	8.60E-08	8.50E-08	2.50E-08	2.50E-08
URI (ΔCDF)	-2.10E-09	2.30E-08	2.30E-08	3.50E-08	7.60E-08	1.30E-07	1.50E-07	1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.28E-07**	**9.10E-08**	**1.15E-07**	**1.27E-07**	**1.62E-07**	**2.15E-07**	**1.75E-07**	**1.75E-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/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	1.60E-09	-3.90E-09	-3.70E-09	-7.00E-09	-7.20E-09	-6.30E-09	-6.00E-09	-5.80E-09
URI (ΔCDF)	-3.40E-08	-3.40E-08	-3.40E-08	-3.40E-08	-3.30E-08	-3.10E-08	-3.30E-08	-3.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.24E-08**	**-3.79E-08**	**-3.77E-08**	**-4.10E-08**	**-4.02E-08**	**-3.73E-08**	**-3.90E-08**	**-3.88E-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/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (ΔCDF)	1.10E-07	1.20E-07	1.20E-07	1.20E-07	1.50E-07	1.50E-07	1.50E-07	1.50E-07
URI (ΔCDF)	-3.00E-08	5.70E-07	5.70E-07	5.70E-07	5.60E-07	5.60E-07	5.60E-07	5.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.00E-08**	**6.90E-07**	**6.90E-07**	**6.90E-07**	**7.10E-07**	**7.10E-07**	**7.10E-07**	**7.10E-07**

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	N/A	0.000120	0.000127	0.000135	0.000137	0.000142	0.000178	0.000220	0.000265	0.000227	0.000240	0.000253
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000315	0.000257	0.000267	0.000295	0.000287	0.000304	0.000066	0.000084	0.000315	0.000121	0.000093	0.000093
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

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	0.028	0.086	0.071	0.116	0.079	0.101	0.093	0.105	0.095	0.092	0.089	0.081
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**	**0.9**	**0.7**	**1.2**	**0.8**	**1.0**	**0.9**	**1.1**	**1.0**	**0.9**	**0.9**	**0.8**
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	0.083	0.086	0.080	0.086	0.081	0.077	0.089	0.145	0.241	0.106	0.108	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	**0.8**	**0.9**	**0.8**	**0.9**	**0.8**	**0.8**	**0.9**	**1.5**	**2.4**	**1.1**	**1.1**	**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	27.0	31.0	49.0	83.0	44.0	28.0	58.0	24.0
Total opportunities	28.0	38.0	50.0	87.0	46.0	30.0	64.0	24.0
Indicator value	**94.3%**	**93.6%**	**93.8%**	**93.5%**	**93.6%**	**94.9%**	**93.2%**	**93.7%**

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	108.0	104.0	107.0	113.0	115.0	112.0	123.0	127.0
Total Key personnel	111.0	113.0	111.0	116.0	117.0	121.0	127.0	130.0
Indicator value	**97.3%**	**92.0%**	**96.4%**	**97.4%**	**98.3%**	**92.6%**	**96.9%**	**97.7%**

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	611	610	610	609	657	611	610	610
Total sirens-tests	611	611	611	611	658	611	611	611
Indicator value	**100.0%**	**100.0%**	**99.9%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	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	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

Vogtle 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	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1801.0	1655.9	2208.0	2209.0
Indicator value	**0.9**	**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/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1801.0	1655.9	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/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
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**

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	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	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	-8.80E-08	-1.10E-07	8.50E-08	8.60E-08	8.90E-08
URI (ΔCDF)	1.60E-07	1.30E-07	1.30E-07	1.20E-07	2.80E-07	2.50E-07	2.50E-07	2.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.02E-07**	**7.20E-08**	**7.10E-08**	**3.20E-08**	**1.70E-07**	**3.35E-07**	**3.36E-07**	**3.39E-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	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**
UAI (ΔCDF)	3.70E-09	3.20E-09	-2.20E-09	-1.70E-09	-1.40E-10	1.40E-09	2.40E-09	3.10E-09
URI (ΔCDF)	-1.00E-08	-1.00E-08	-9.70E-09	-9.50E-09	-9.60E-09	-9.20E-09	-9.20E-09	-9.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-09**	**-6.80E-09**	**-1.19E-08**	**-1.12E-08**	**-9.74E-09**	**-7.80E-09**	**-6.80E-09**	**-5.90E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	6.80E-08	9.20E-08	9.20E-08	8.60E-08	8.50E-08	2.50E-08	2.50E-08	-1.50E-08
URI (ΔCDF)	2.30E-08	2.30E-08	3.50E-08	7.60E-08	1.30E-07	1.50E-07	1.50E-07	1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.10E-08**	**1.15E-07**	**1.27E-07**	**1.62E-07**	**2.15E-07**	**1.75E-07**	**1.75E-07**	**1.35E-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/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**
UAI (ΔCDF)	-3.90E-09	-3.70E-09	-7.00E-09	-7.20E-09	-6.30E-09	-6.00E-09	-5.80E-09	-5.90E-09
URI (ΔCDF)	-3.40E-08	-3.40E-08	-3.40E-08	-3.30E-08	-3.10E-08	-3.30E-08	-3.30E-08	-3.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.79E-08**	**-3.77E-08**	**-4.10E-08**	**-4.02E-08**	**-3.73E-08**	**-3.90E-08**	**-3.88E-08**	**-3.89E-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/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	1.20E-07	1.20E-07	1.20E-07	1.50E-07	1.50E-07	1.50E-07	1.50E-07	3.70E-08
URI (ΔCDF)	5.70E-07	5.70E-07	5.70E-07	5.60E-07	5.60E-07	5.60E-07	5.60E-07	5.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.90E-07**	**6.90E-07**	**6.90E-07**	**7.10E-07**	**7.10E-07**	**7.10E-07**	**7.10E-07**	**5.97E-07**

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	0.000135	0.000137	0.000142	0.000178	0.000220	0.000265	0.000227	0.000240	0.000253	0.000315	0.000257	0.000267
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	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**
Maximum activity	0.000295	0.000287	0.000304	0.000066	0.000084	0.000315	0.000121	0.000093	0.000093	0.000100	0.000183	0.000175
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

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	0.116	0.079	0.101	0.093	0.105	0.095	0.092	0.089	0.081	0.083	0.086	0.080
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**	**0.8**	**1.0**	**0.9**	**1.1**	**1.0**	**0.9**	**0.9**	**0.8**	**0.8**	**0.9**	**0.8**
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	0.086	0.081	0.077	0.089	0.145	0.241	0.106	0.108	0.116	0.132	0.147	0.156
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**	**0.8**	**0.8**	**0.9**	**1.5**	**2.4**	**1.1**	**1.1**	**1.2**	**1.3**	**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	31.0	49.0	83.0	44.0	28.0	58.0	24.0	28.0
Total opportunities	38.0	50.0	87.0	46.0	30.0	64.0	24.0	36.0
Indicator value	**93.6%**	**93.8%**	**93.5%**	**93.6%**	**94.9%**	**93.2%**	**93.7%**	**92.0%**

Licensee Comments: none

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	104.0	107.0	113.0	115.0	112.0	123.0	126.0	123.0
Total Key personnel	113.0	111.0	116.0	117.0	121.0	131.0	136.0	142.0
Indicator value	**92.0%**	**96.4%**	**97.4%**	**98.3%**	**92.6%**	**93.9%**	**92.6%**	**86.6%**

Licensee Comments:

3Q/08: Data errors were corrected for July 2008 through September 2008 due to the omission of ERO qualifications used to identify the ERO personnel population and a regulatory clarification that discounted "performance-enhancing experience" that was previously credited to an individual.

2Q/08: Data errors were corrected for May 2008 and June 2008 due to the omission of ERO qualifications used to identify the ERO personnel population.

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	610	610	609	657	611	610	610	610
Total sirens-tests	611	611	611	658	611	611	611	611
Indicator value	**100.0%**	**99.9%**	**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	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	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	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

Vogtle 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	1801.0	1655.9	2208.0	2209.0	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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	1801.0	1655.9	2208.0	2209.0	2159.0
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	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		**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/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	**1**	**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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	-5.80E-08	-5.90E-08	-8.80E-08	-1.10E-07	8.40E-08	8.50E-08	8.80E-08	2.30E-08
URI (ΔCDF)	1.30E-07	1.30E-07	1.20E-07	2.80E-07	2.50E-07	2.50E-07	2.50E-07	1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.20E-08**	**7.10E-08**	**3.20E-08**	**1.70E-07**	**3.34E-07**	**3.35E-07**	**3.38E-07**	**1.73E-07**

Licensee Comments:

4Q/08: Value changed due to data correction. 0.43 hours were incorreectly reported for 4/08 on DG1A these were removed.

3Q/08: Value changed due to data correction. 0.43 hours were incorreectly reported for 4/08 on DG1A these were removed.

2Q/08: Value changed due to data correction. 0.43 hours were incorreectly reported for 4/08 on DG1A these were removed.

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)	3.20E-09	-2.20E-09	-1.70E-09	-1.40E-10	1.40E-09	2.40E-09	3.10E-09	3.00E-09
URI (ΔCDF)	-1.00E-08	-9.70E-09	-9.50E-09	-9.60E-09	-9.20E-09	-9.20E-09	-9.00E-09	-9.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.80E-09**	**-1.19E-08**	**-1.12E-08**	**-9.74E-09**	**-7.80E-09**	**-6.80E-09**	**-5.90E-09**	**-6.10E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	9.20E-08	9.20E-08	8.60E-08	8.50E-08	2.50E-08	2.50E-08	-1.50E-08	-1.60E-07
URI (ΔCDF)	2.30E-08	3.50E-08	7.60E-08	1.30E-07	1.50E-07	1.50E-07	1.50E-07	-7.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.15E-07**	**1.27E-07**	**1.62E-07**	**2.15E-07**	**1.75E-07**	**1.75E-07**	**1.35E-07**	**-9.30E-07**

Licensee Comments:

1Q/09: 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/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**
UAI (ΔCDF)	-3.70E-09	-7.00E-09	-7.20E-09	-6.30E-09	-6.00E-09	-5.80E-09	-5.90E-09	-6.00E-09
URI (ΔCDF)	-3.40E-08	-3.40E-08	-3.30E-08	-3.10E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.77E-08**	**-4.10E-08**	**-4.02E-08**	**-3.73E-08**	**-3.90E-08**	**-3.88E-08**	**-3.89E-08**	**-3.90E-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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	1.20E-07	1.20E-07	1.50E-07	1.50E-07	1.50E-07	1.50E-07	3.70E-08	3.70E-08
URI (ΔCDF)	5.70E-07	5.70E-07	5.60E-07	5.60E-07	5.60E-07	5.60E-07	5.60E-07	5.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.90E-07**	**6.90E-07**	**7.10E-07**	**7.10E-07**	**7.10E-07**	**7.10E-07**	**5.97E-07**	**5.97E-07**

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	0.000178	0.000220	0.000265	0.000227	0.000240	0.000253	0.000315	0.000257	0.000267	0.000295	0.000287	0.000304
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	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**
Maximum activity	0.000066	0.000084	0.000315	0.000121	0.000093	0.000093	0.000100	0.000183	0.000175	0.000200	0.002520	0.000948
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**	**0.3**	**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	0.093	0.105	0.095	0.092	0.089	0.081	0.083	0.086	0.080	0.086	0.081	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	**0.9**	**1.1**	**1.0**	**0.9**	**0.9**	**0.8**	**0.8**	**0.9**	**0.8**	**0.9**	**0.8**	**0.8**
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	0.089	0.145	0.241	0.106	0.108	0.116	0.132	0.147	0.156	0.142	0.131	0.144
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**	**1.5**	**2.4**	**1.1**	**1.1**	**1.2**	**1.3**	**1.5**	**1.6**	**1.4**	**1.3**	**1.4**

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	49.0	83.0	44.0	28.0	58.0	24.0	28.0	64.0
Total opportunities	50.0	87.0	46.0	30.0	64.0	24.0	36.0	66.0
Indicator value	**93.8%**	**93.5%**	**93.6%**	**94.9%**	**93.2%**	**93.7%**	**92.0%**	**93.8%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	107.0	113.0	115.0	112.0	123.0	126.0	123.0	127.0
Total Key personnel	111.0	116.0	117.0	121.0	131.0	136.0	142.0	133.0
Indicator value	**96.4%**	**97.4%**	**98.3%**	**92.6%**	**93.9%**	**92.6%**	**86.6%**	**95.5%**

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	610	609	657	611	610	610	610	611
Total sirens-tests	611	611	658	611	611	611	611	611
Indicator value	**99.9%**	**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	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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	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

Vogtle 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	1801.0	1655.9	2208.0	2209.0	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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1801.0	1655.9	2208.0	2209.0	2159.0	2184.0
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	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	**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/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	**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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-5.90E-08	-8.80E-08	-1.10E-07	8.40E-08	8.50E-08	8.80E-08	2.30E-08	-1.60E-08
URI (ΔCDF)	1.30E-07	1.20E-07	2.80E-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	**7.10E-08**	**3.20E-08**	**1.70E-07**	**3.34E-07**	**3.35E-07**	**3.38E-07**	**1.73E-07**	**1.34E-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)	-2.20E-09	-1.70E-09	-1.40E-10	1.40E-09	2.40E-09	3.10E-09	3.00E-09	-1.30E-09
URI (ΔCDF)	-9.70E-09	-9.50E-09	-9.60E-09	-9.20E-09	-9.20E-09	-9.00E-09	-9.10E-09	-9.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.19E-08**	**-1.12E-08**	**-9.74E-09**	**-7.80E-09**	**-6.80E-09**	**-5.90E-09**	**-6.10E-09**	**-1.05E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	9.20E-08	8.60E-08	8.50E-08	2.50E-08	2.50E-08	-1.50E-08	-1.60E-07	-5.90E-08
URI (ΔCDF)	3.50E-08	7.60E-08	1.30E-07	1.50E-07	1.50E-07	1.50E-07	-7.70E-07	1.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.27E-07**	**1.62E-07**	**2.15E-07**	**1.75E-07**	**1.75E-07**	**1.35E-07**	**-9.30E-07**	**1.01E-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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-7.00E-09	-7.20E-09	-6.30E-09	-6.00E-09	-5.80E-09	-5.90E-09	-6.00E-09	-6.70E-09
URI (ΔCDF)	-3.40E-08	-3.30E-08	-3.10E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.10E-08**	**-4.02E-08**	**-3.73E-08**	**-3.90E-08**	**-3.88E-08**	**-3.89E-08**	**-3.90E-08**	**-3.87E-08**

Licensee Comments:

2Q/09: 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	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**
UAI (ΔCDF)	1.20E-07	1.50E-07	1.50E-07	1.50E-07	1.50E-07	3.70E-08	3.70E-08	3.70E-08
URI (ΔCDF)	5.70E-07	5.60E-07	5.60E-07	5.60E-07	5.60E-07	5.60E-07	5.60E-07	5.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.90E-07**	**7.10E-07**	**7.10E-07**	**7.10E-07**	**7.10E-07**	**5.97E-07**	**5.97E-07**	**5.77E-07**

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	0.000227	0.000240	0.000253	0.000315	0.000257	0.000267	0.000295	0.000287	0.000304	0.000066	0.000084	0.000315
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	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**
Maximum activity	0.000121	0.000093	0.000093	0.000100	0.000183	0.000175	0.000200	0.002520	0.000948	0.001279	0.000539	0.000204
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**	**0.3**	**0.1**	**0.1**	**0.1**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**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	0.092	0.089	0.081	0.083	0.086	0.080	0.086	0.081	0.077	0.089	0.145	0.241
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**	**0.9**	**0.8**	**0.8**	**0.9**	**0.8**	**0.9**	**0.8**	**0.8**	**0.9**	**1.5**	**2.4**
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	0.106	0.108	0.116	0.132	0.147	0.156	0.142	0.131	0.144	0.143	0.135	0.126
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**	**1.1**	**1.2**	**1.3**	**1.5**	**1.6**	**1.4**	**1.3**	**1.4**	**1.4**	**1.4**	**1.3**

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	83.0	44.0	28.0	58.0	24.0	28.0	64.0	91.0
Total opportunities	87.0	46.0	30.0	64.0	24.0	36.0	66.0	94.0
Indicator value	**93.5%**	**93.6%**	**94.9%**	**93.2%**	**93.7%**	**92.0%**	**93.8%**	**94.0%**

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	113.0	115.0	112.0	123.0	126.0	123.0	127.0	137.0
Total Key personnel	116.0	117.0	121.0	131.0	136.0	142.0	133.0	137.0
Indicator value	**97.4%**	**98.3%**	**92.6%**	**93.9%**	**92.6%**	**86.6%**	**95.5%**	**100.0%**

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	609	657	611	610	610	610	611	611
Total sirens-tests	611	658	611	611	611	611	611	611
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**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	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
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	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

Vogtle 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	1801.0	1655.9	2208.0	2209.0	2159.0	2184.0	1950.0
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/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	1801.0	1655.9	2208.0	2209.0	2159.0	2184.0	1950.0
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/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	**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/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)	-8.80E-08	-1.10E-07	8.40E-08	8.50E-08	8.80E-08	2.30E-08	-1.60E-08	-2.40E-08
URI (ΔCDF)	1.20E-07	2.80E-07	2.50E-07	2.50E-07	2.50E-07	1.50E-07	1.50E-07	1.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.20E-08**	**1.70E-07**	**3.34E-07**	**3.35E-07**	**3.38E-07**	**1.73E-07**	**1.34E-07**	**1.36E-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/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	-1.70E-09	-1.40E-10	1.40E-09	2.40E-09	3.10E-09	3.00E-09	-1.30E-09	-9.10E-10
URI (ΔCDF)	-9.50E-09	-9.60E-09	-9.20E-09	-9.20E-09	-9.00E-09	-9.10E-09	-9.20E-09	-9.30E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.12E-08**	**-9.74E-09**	**-7.80E-09**	**-6.80E-09**	**-5.90E-09**	**-6.10E-09**	**-1.05E-08**	**-1.02E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	8.60E-08	8.50E-08	2.50E-08	2.50E-08	-1.50E-08	-1.60E-07	-5.90E-08	-5.50E-08
URI (ΔCDF)	7.60E-08	1.30E-07	1.50E-07	1.50E-07	1.50E-07	-7.70E-07	1.60E-07	1.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.62E-07**	**2.15E-07**	**1.75E-07**	**1.75E-07**	**1.35E-07**	**-9.30E-07**	**1.01E-07**	**1.05E-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/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	-7.20E-09	-6.30E-09	-6.00E-09	-5.80E-09	-5.90E-09	-6.00E-09	-6.70E-09	-9.90E-09
URI (ΔCDF)	-3.30E-08	-3.10E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.20E-08	-3.20E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.02E-08**	**-3.73E-08**	**-3.90E-08**	**-3.88E-08**	**-3.89E-08**	**-3.90E-08**	**-3.87E-08**	**-4.19E-08**

Licensee Comments:

3Q/09: 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/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	1.50E-07	1.50E-07	1.50E-07	1.50E-07	3.70E-08	3.70E-08	3.70E-08	3.70E-08
URI (ΔCDF)	5.60E-07	5.60E-07	5.60E-07	5.60E-07	5.60E-07	5.60E-07	5.40E-07	5.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.10E-07**	**7.10E-07**	**7.10E-07**	**7.10E-07**	**5.97E-07**	**5.97E-07**	**5.77E-07**	**5.77E-07**

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	0.000315	0.000257	0.000267	0.000295	0.000287	0.000304	0.000066	0.000084	0.000315	0.000121	0.000093	0.000093
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	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**
Maximum activity	0.000100	0.000183	0.000175	0.000200	0.002520	0.000948	0.001279	0.000539	0.000204	0.000202	0.000165	0.000195
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**	**0.3**	**0.1**	**0.1**	**0.1**	**0**	**0**	**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	0.083	0.086	0.080	0.086	0.081	0.077	0.089	0.145	0.241	0.106	0.108	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	**0.8**	**0.9**	**0.8**	**0.9**	**0.8**	**0.8**	**0.9**	**1.5**	**2.4**	**1.1**	**1.1**	**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	0.132	0.147	0.156	0.142	0.131	0.144	0.143	0.135	0.126	0.123	0.165	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	**1.3**	**1.5**	**1.6**	**1.4**	**1.3**	**1.4**	**1.4**	**1.4**	**1.3**	**1.2**	**1.7**	**1.4**

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	44.0	28.0	58.0	24.0	28.0	64.0	91.0	81.0
Total opportunities	46.0	30.0	64.0	24.0	36.0	66.0	94.0	83.0
Indicator value	**93.6%**	**94.9%**	**93.2%**	**93.7%**	**92.0%**	**93.8%**	**94.0%**	**94.4%**

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	115.0	112.0	123.0	126.0	123.0	127.0	137.0	139.0
Total Key personnel	117.0	121.0	131.0	136.0	142.0	133.0	137.0	139.0
Indicator value	**98.3%**	**92.6%**	**93.9%**	**92.6%**	**86.6%**	**95.5%**	**100.0%**	**100.0%**

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	657	611	610	610	610	611	611	607
Total sirens-tests	658	611	611	611	611	611	611	611
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
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	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

Vogtle 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	2.0
Critical hours	1801.0	1655.9	2208.0	2209.0	2159.0	2184.0	1950.0	1736.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.7**

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	0	0	0	0	0	0	0	0
Critical hours	1801.0	1655.9	2208.0	2209.0	2159.0	2184.0	1950.0	1736.2
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/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)	-1.10E-07	8.40E-08	8.50E-08	8.80E-08	2.30E-08	-1.60E-08	-2.40E-08	-1.20E-07
URI (ΔCDF)	2.80E-07	2.50E-07	2.50E-07	2.50E-07	1.50E-07	1.50E-07	1.60E-07	1.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.70E-07**	**3.34E-07**	**3.35E-07**	**3.38E-07**	**1.73E-07**	**1.34E-07**	**1.36E-07**	**3.00E-08**

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/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	-1.40E-10	1.40E-09	2.40E-09	3.10E-09	3.00E-09	-1.30E-09	-9.10E-10	-2.20E-09
URI (ΔCDF)	-9.60E-09	-9.20E-09	-9.20E-09	-9.00E-09	-9.10E-09	-9.20E-09	-9.30E-09	-9.30E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.74E-09**	**-7.80E-09**	**-6.80E-09**	**-5.90E-09**	**-6.10E-09**	**-1.05E-08**	**-1.02E-08**	**-1.15E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	8.50E-08	2.50E-08	2.50E-08	-1.50E-08	-1.60E-07	-5.90E-08	-5.50E-08	-4.90E-08
URI (ΔCDF)	1.30E-07	1.50E-07	1.50E-07	1.50E-07	-7.70E-07	1.60E-07	1.60E-07	1.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.15E-07**	**1.75E-07**	**1.75E-07**	**1.35E-07**	**-9.30E-07**	**1.01E-07**	**1.05E-07**	**9.10E-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/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	-6.30E-09	-6.00E-09	-5.80E-09	-5.90E-09	-6.00E-09	-6.70E-09	-9.90E-09	-9.60E-09
URI (ΔCDF)	-3.10E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.20E-08	-3.20E-08	-3.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.73E-08**	**-3.90E-08**	**-3.88E-08**	**-3.89E-08**	**-3.90E-08**	**-3.87E-08**	**-4.19E-08**	**-4.06E-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/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	1.50E-07	1.50E-07	1.50E-07	3.70E-08	3.70E-08	3.70E-08	3.70E-08	3.60E-08
URI (ΔCDF)	5.60E-07	5.60E-07	5.60E-07	5.60E-07	5.60E-07	5.40E-07	5.40E-07	4.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.10E-07**	**7.10E-07**	**7.10E-07**	**5.97E-07**	**5.97E-07**	**5.77E-07**	**5.77E-07**	**5.06E-07**

Licensee Comments:

1Q/09: The NSCW failure reported in 1/2009 has been determined to not be a failure based on additional vendor analysis.

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	0.000295	0.000287	0.000304	0.000066	0.000084	0.000315	0.000121	0.000093	0.000093	0.000100	0.000183	0.000175
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	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**
Maximum activity	0.000200	0.002520	0.000948	0.001279	0.000539	0.000204	0.000202	0.000165	0.000195	0.000066	0.000086	0.000080
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**	**0.3**	**0.1**	**0.1**	**0.1**	**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	**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	0.086	0.081	0.077	0.089	0.145	0.241	0.106	0.108	0.116	0.132	0.147	0.156
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**	**0.8**	**0.8**	**0.9**	**1.5**	**2.4**	**1.1**	**1.1**	**1.2**	**1.3**	**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	0.142	0.131	0.144	0.143	0.135	0.126	0.123	0.165	0.135	0.104	0.072	0.105
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**	**1.3**	**1.4**	**1.4**	**1.4**	**1.3**	**1.2**	**1.7**	**1.4**	**1.0**	**0.7**	**1.1**

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	28.0	58.0	24.0	28.0	64.0	91.0	81.0	51.0
Total opportunities	30.0	64.0	24.0	36.0	66.0	94.0	83.0	54.0
Indicator value	**94.9%**	**93.2%**	**93.7%**	**92.0%**	**93.8%**	**94.0%**	**94.4%**	**94.2%**

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	112.0	123.0	126.0	123.0	127.0	137.0	139.0	135.0
Total Key personnel	121.0	131.0	136.0	142.0	133.0	137.0	139.0	136.0
Indicator value	**92.6%**	**93.9%**	**92.6%**	**86.6%**	**95.5%**	**100.0%**	**100.0%**	**99.3%**

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	611	610	610	610	611	611	607	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.8%**	**99.8%**	**99.9%**	**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	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
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	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

Vogtle 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	2.0	0
Critical hours	1655.9	2208.0	2209.0	2159.0	2184.0	1950.0	1736.2	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1.7**	**1.7**

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	1655.9	2208.0	2209.0	2159.0	2184.0	1950.0	1736.2	2159.0
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	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)	8.40E-08	8.50E-08	8.80E-08	2.30E-08	-1.60E-08	-2.40E-08	-1.20E-07	-1.75E-07
URI (ΔCDF)	2.50E-07	2.50E-07	2.50E-07	1.50E-07	1.50E-07	1.60E-07	1.50E-07	-7.64E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.34E-07**	**3.35E-07**	**3.38E-07**	**1.73E-07**	**1.34E-07**	**1.36E-07**	**3.00E-08**	**-9.40E-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	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	1.40E-09	2.40E-09	3.10E-09	3.00E-09	-1.30E-09	-9.10E-10	-2.20E-09	-1.65E-09
URI (ΔCDF)	-9.20E-09	-9.20E-09	-9.00E-09	-9.10E-09	-9.20E-09	-9.30E-09	-9.30E-09	-9.41E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.80E-09**	**-6.80E-09**	**-5.90E-09**	**-6.10E-09**	**-1.05E-08**	**-1.02E-08**	**-1.15E-08**	**-1.10E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	2.50E-08	2.50E-08	-1.50E-08	-1.60E-07	-5.90E-08	-5.50E-08	-4.90E-08	2.41E-08
URI (ΔCDF)	1.50E-07	1.50E-07	1.50E-07	-7.70E-07	1.60E-07	1.60E-07	1.40E-07	-2.77E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.75E-07**	**1.75E-07**	**1.35E-07**	**-9.30E-07**	**1.01E-07**	**1.05E-07**	**9.10E-08**	**-2.50E-07**

Licensee Comments:

1Q/10: Risk Cap Invoked.

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)	-6.00E-09	-5.80E-09	-5.90E-09	-6.00E-09	-6.70E-09	-9.90E-09	-9.60E-09	-9.57E-09
URI (ΔCDF)	-3.30E-08	-3.30E-08	-3.30E-08	-3.30E-08	-3.20E-08	-3.20E-08	-3.10E-08	-3.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.90E-08**	**-3.88E-08**	**-3.89E-08**	**-3.90E-08**	**-3.87E-08**	**-4.19E-08**	**-4.06E-08**	**-4.00E-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	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	1.50E-07	1.50E-07	3.70E-08	3.70E-08	3.70E-08	3.70E-08	3.60E-08	2.78E-08
URI (ΔCDF)	5.60E-07	5.60E-07	5.60E-07	5.60E-07	5.40E-07	5.40E-07	4.70E-07	1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.10E-07**	**7.10E-07**	**5.97E-07**	**5.97E-07**	**5.77E-07**	**5.77E-07**	**5.06E-07**	**3.80E-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	0.000066	0.000084	0.000315	0.000121	0.000093	0.000093	0.000100	0.000183	0.000175	0.000200	0.002520	0.000948
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**	**0.3**	**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	0.001279	0.000539	0.000204	0.000202	0.000165	0.000195	0.000066	0.000086	0.000080	0.000090	0.000090	0.000099
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**	**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	**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	0.089	0.145	0.241	0.106	0.108	0.116	0.132	0.147	0.156	0.142	0.131	0.144
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**	**1.5**	**2.4**	**1.1**	**1.1**	**1.2**	**1.3**	**1.5**	**1.6**	**1.4**	**1.3**	**1.4**
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	0.143	0.135	0.126	0.123	0.165	0.135	0.104	0.072	0.101	0.105	0.094	0.131
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**	**1.4**	**1.3**	**1.2**	**1.7**	**1.4**	**1.0**	**0.7**	**1.0**	**1.1**	**0.9**	**1.3**

Licensee Comments:

12/09: January 2010 leakage data was previously reported in error for December 2009

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	58.0	24.0	28.0	64.0	91.0	81.0	51.0	53.0
Total opportunities	64.0	24.0	36.0	66.0	94.0	83.0	54.0	54.0
Indicator value	**93.2%**	**93.7%**	**92.0%**	**93.8%**	**94.0%**	**94.4%**	**94.2%**	**94.7%**

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	123.0	126.0	123.0	127.0	137.0	139.0	135.0	128.0
Total Key personnel	131.0	136.0	142.0	133.0	137.0	139.0	136.0	129.0
Indicator value	**93.9%**	**92.6%**	**86.6%**	**95.5%**	**100.0%**	**100.0%**	**99.3%**	**99.2%**

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	610	610	610	611	611	607	611	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.8%**	**99.9%**	**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	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
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

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

Vogtle 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	2.0	0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	1950.0	1736.2	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1.7**	**1.7**	**1.7**

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	1950.0	1736.2	2159.0	2184.0
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	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)	8.50E-08	8.80E-08	2.30E-08	-1.60E-08	-2.40E-08	-1.22E-07	-1.75E-07	-1.75E-07
URI (ΔCDF)	2.50E-07	2.50E-07	1.50E-07	1.50E-07	1.60E-07	2.55E-07	-2.64E-07	-2.48E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.35E-07**	**3.38E-07**	**1.73E-07**	**1.34E-07**	**1.36E-07**	**1.30E-07**	**-4.40E-07**	**-4.20E-07**

Licensee Comments:

2Q/10: Risk Cap Invoked.

1Q/10: Risk Cap Invoked.

4Q/09: Risk Cap Invoked. An October 2009 MSPI failure on the Unit 1 "B" Emergency Diesel Generator is now being reported based on the NRC ROP Taskforce response to FAQ proposed by Pant Vogtle in April of 2010.

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)	2.40E-09	3.10E-09	3.00E-09	-1.30E-09	-9.10E-10	-2.20E-09	-1.65E-09	-1.83E-09
URI (ΔCDF)	-9.20E-09	-9.00E-09	-9.10E-09	-9.20E-09	-9.30E-09	-9.30E-09	-9.41E-09	-9.54E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.80E-09**	**-5.90E-09**	**-6.10E-09**	**-1.05E-08**	**-1.02E-08**	**-1.15E-08**	**-1.10E-08**	**-1.10E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	2.50E-08	-1.50E-08	-1.60E-07	-5.90E-08	-5.50E-08	-4.90E-08	2.41E-08	-3.46E-09
URI (ΔCDF)	1.50E-07	1.50E-07	-7.70E-07	1.60E-07	1.60E-07	1.40E-07	-2.77E-07	-2.77E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.75E-07**	**1.35E-07**	**-9.30E-07**	**1.01E-07**	**1.05E-07**	**9.10E-08**	**-2.50E-07**	**-2.80E-07**

Licensee Comments:

2Q/10: Risk Cap Invoked.

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)	-5.80E-09	-5.90E-09	-6.00E-09	-6.70E-09	-9.90E-09	-9.60E-09	-9.57E-09	-9.57E-09
URI (ΔCDF)	-3.30E-08	-3.30E-08	-3.30E-08	-3.20E-08	-3.20E-08	-3.10E-08	-3.07E-08	-3.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.88E-08**	**-3.89E-08**	**-3.90E-08**	**-3.87E-08**	**-4.19E-08**	**-4.06E-08**	**-4.00E-08**	**-4.00E-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)	1.50E-07	3.70E-08	3.70E-08	3.70E-08	3.70E-08	3.60E-08	2.78E-08	2.78E-08
URI (ΔCDF)	5.60E-07	5.60E-07	5.60E-07	5.40E-07	5.40E-07	4.70E-07	1.00E-08	9.44E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.10E-07**	**5.97E-07**	**5.97E-07**	**5.77E-07**	**5.77E-07**	**5.06E-07**	**3.80E-08**	**3.70E-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	0.000121	0.000093	0.000093	0.000100	0.000183	0.000175	0.000200	0.002520	0.000948	0.001279	0.000539	0.000204
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**	**0.3**	**0.1**	**0.1**	**0.1**	**0**
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	0.000202	0.000165	0.000195	0.000066	0.000086	0.000080	0.000090	0.000090	0.000099	0.000101	0.000115	0.000110
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

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	0.106	0.108	0.116	0.132	0.147	0.156	0.142	0.131	0.144	0.143	0.135	0.126
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**	**1.1**	**1.2**	**1.3**	**1.5**	**1.6**	**1.4**	**1.3**	**1.4**	**1.4**	**1.4**	**1.3**
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	0.123	0.165	0.135	0.104	0.072	0.101	0.105	0.094	0.131	0.101	0.094	0.073
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**	**1.7**	**1.4**	**1.0**	**0.7**	**1.0**	**1.1**	**0.9**	**1.3**	**1.0**	**0.9**	**0.7**

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	24.0	28.0	64.0	91.0	81.0	51.0	53.0	51.0
Total opportunities	24.0	36.0	66.0	94.0	83.0	54.0	54.0	53.0
Indicator value	**93.7%**	**92.0%**	**93.8%**	**94.0%**	**94.4%**	**94.2%**	**94.7%**	**95.5%**

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	126.0	123.0	127.0	137.0	139.0	135.0	128.0	128.0
Total Key personnel	136.0	142.0	133.0	137.0	139.0	136.0	129.0	128.0
Indicator value	**92.6%**	**86.6%**	**95.5%**	**100.0%**	**100.0%**	**99.3%**	**99.2%**	**100.0%**

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	610	610	611	611	607	611	611	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**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	**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	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

Vogtle 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	2.0	0	0	0
Critical hours	2209.0	2159.0	2184.0	1950.0	1736.2	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**1.7**	**1.7**	**1.7**	**1.7**

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	1950.0	1736.2	2159.0	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/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)	8.80E-08	2.30E-08	-1.60E-08	-2.40E-08	-1.22E-07	-1.75E-07	-1.75E-07	-1.73E-07
URI (ΔCDF)	2.50E-07	1.50E-07	1.50E-07	1.60E-07	2.55E-07	-2.64E-07	-2.48E-07	-2.54E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.38E-07**	**1.73E-07**	**1.34E-07**	**1.36E-07**	**1.30E-07**	**-4.40E-07**	**-4.20E-07**	**-4.30E-07**

Licensee Comments:

3Q/10: Risk Cap Invoked.

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)	3.10E-09	3.00E-09	-1.30E-09	-9.10E-10	-2.20E-09	-1.65E-09	-1.83E-09	-3.40E-09
URI (ΔCDF)	-9.00E-09	-9.10E-09	-9.20E-09	-9.30E-09	-9.30E-09	-9.41E-09	-9.54E-09	-9.66E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.90E-09**	**-6.10E-09**	**-1.05E-08**	**-1.02E-08**	**-1.15E-08**	**-1.10E-08**	**-1.10E-08**	**-1.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	-1.50E-08	-1.60E-07	-5.90E-08	-5.50E-08	-4.90E-08	2.41E-08	-3.46E-09	-6.57E-09
URI (ΔCDF)	1.50E-07	-7.70E-07	1.60E-07	1.60E-07	1.40E-07	-2.77E-07	-2.77E-07	-2.77E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.35E-07**	**-9.30E-07**	**1.01E-07**	**1.05E-07**	**9.10E-08**	**-2.50E-07**	**-2.80E-07**	**-2.80E-07**

Licensee Comments:

3Q/10: Risk Cap Invoked.

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)	-5.90E-09	-6.00E-09	-6.70E-09	-9.90E-09	-9.60E-09	-9.57E-09	-9.57E-09	-9.57E-09
URI (ΔCDF)	-3.30E-08	-3.30E-08	-3.20E-08	-3.20E-08	-3.10E-08	-3.07E-08	-3.07E-08	-3.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.89E-08**	**-3.90E-08**	**-3.87E-08**	**-4.19E-08**	**-4.06E-08**	**-4.00E-08**	**-4.00E-08**	**-4.00E-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/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	3.70E-08	3.70E-08	3.70E-08	3.70E-08	3.60E-08	2.78E-08	2.78E-08	2.78E-08
URI (ΔCDF)	5.60E-07	5.60E-07	5.40E-07	5.40E-07	4.70E-07	-1.25E-07	-1.25E-07	-1.25E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.97E-07**	**5.97E-07**	**5.77E-07**	**5.77E-07**	**5.06E-07**	**-9.70E-08**	**-9.70E-08**	**-9.70E-08**

Licensee Comments:

2Q/10: In July 2010 a thermal analysis was performed for the motor thrust bearing for a Nuclear Service Cooling Water pump by the Kingsbury Corporation. This analysis was necessary due to the motor cooler discharge line freezing on January 7th and 11th 2010. The purpose of this analysis was to determine whether or not the pump motor would meet its Mission Time with no motor cooling water. The conclusion was that the thrust and upper guide bearings would be able to continually function without cooling water under the conditions noted during the initial event and therefore are not MSPI failures.

1Q/10: In July 2010 a thermal analysis was performed for the motor thrust bearing for a Nuclear Service Cooling Water pump by the Kingsbury Corporation. This analysis was necessary due to the motor cooler discharge line freezing on January 7th and 11th 2010. The purpose of this analysis was to determine whether or not the pump motor would meet its Mission Time with no motor cooling water. The conclusion was that the thrust and upper guide bearings would be able to continually function without cooling water under the conditions noted during the initial event and therefore are not MSPI failures.

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	0.000100	0.000183	0.000175	0.000200	0.002520	0.000948	0.001279	0.000539	0.000204	0.000202	0.000165	0.000195
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**	**0.3**	**0.1**	**0.1**	**0.1**	**0**	**0**	**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	0.000066	0.000086	0.000080	0.000090	0.000090	0.000099	0.000101	0.000115	0.000110	0.000110	0.000111	0.000117
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

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	0.132	0.147	0.156	0.142	0.131	0.144	0.143	0.135	0.126	0.123	0.165	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	**1.3**	**1.5**	**1.6**	**1.4**	**1.3**	**1.4**	**1.4**	**1.4**	**1.3**	**1.2**	**1.7**	**1.4**
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	0.104	0.072	0.101	0.105	0.094	0.131	0.101	0.094	0.073	0.137	0.149	0.125
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**	**1.0**	**1.1**	**0.9**	**1.3**	**1.0**	**0.9**	**0.7**	**1.4**	**1.5**	**1.3**

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	28.0	64.0	91.0	81.0	51.0	53.0	51.0	35.0
Total opportunities	36.0	66.0	94.0	83.0	54.0	54.0	53.0	35.0
Indicator value	**92.0%**	**93.8%**	**94.0%**	**94.4%**	**94.2%**	**94.7%**	**95.5%**	**95.6%**

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	123.0	127.0	137.0	139.0	135.0	128.0	128.0	126.0
Total Key personnel	142.0	133.0	137.0	139.0	136.0	129.0	128.0	130.0
Indicator value	**86.6%**	**95.5%**	**100.0%**	**100.0%**	**99.3%**	**99.2%**	**100.0%**	**96.9%**

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	610	611	611	607	611	611	610	608
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.9%**	**99.9%**	**99.9%**	**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	**1**	**1**	**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

Vogtle 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	2.0	0	0	0	0
Critical hours	2159.0	2184.0	1950.0	1736.2	2159.0	2184.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**1.7**	**1.7**	**1.7**	**1.7**	**0**

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	0
Critical hours	2159.0	2184.0	1950.0	1736.2	2159.0	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/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)	2.30E-08	-1.60E-08	-2.40E-08	-1.22E-07	-1.75E-07	-1.75E-07	-1.73E-07	-1.73E-07
URI (ΔCDF)	1.50E-07	1.50E-07	1.60E-07	2.55E-07	-2.64E-07	-2.48E-07	-2.54E-07	-2.76E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.73E-07**	**1.34E-07**	**1.36E-07**	**1.30E-07**	**-4.40E-07**	**-4.20E-07**	**-4.30E-07**	**-4.50E-07**

Licensee Comments:

4Q/10: Risk Cap Invoked.

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)	3.00E-09	-1.30E-09	-9.10E-10	-2.20E-09	-1.65E-09	-1.83E-09	-3.40E-09	-5.44E-09
URI (ΔCDF)	-9.10E-09	-9.20E-09	-9.30E-09	-9.30E-09	-9.41E-09	-9.54E-09	-9.66E-09	-9.70E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-09**	**-1.05E-08**	**-1.02E-08**	**-1.15E-08**	**-1.10E-08**	**-1.10E-08**	**-1.30E-08**	**-1.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	-1.60E-07	-5.90E-08	-5.50E-08	-4.90E-08	2.41E-08	-3.46E-09	-6.57E-09	1.04E-07
URI (ΔCDF)	-7.70E-07	1.60E-07	1.60E-07	1.40E-07	-2.77E-07	-2.77E-07	-2.77E-07	-2.77E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.30E-07**	**1.01E-07**	**1.05E-07**	**9.10E-08**	**-2.50E-07**	**-2.80E-07**	**-2.80E-07**	**-1.70E-07**

Licensee Comments:

4Q/10: Risk Cap Invoked.

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)	-6.00E-09	-6.70E-09	-9.90E-09	-9.60E-09	-9.57E-09	-9.57E-09	-9.57E-09	-9.57E-09
URI (ΔCDF)	-3.30E-08	-3.20E-08	-3.20E-08	-3.10E-08	-3.07E-08	-3.07E-08	-3.07E-08	-3.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.90E-08**	**-3.87E-08**	**-4.19E-08**	**-4.06E-08**	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**	**-4.00E-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/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	3.70E-08	3.70E-08	3.70E-08	3.60E-08	2.78E-08	2.78E-08	2.78E-08	1.56E-09
URI (ΔCDF)	5.60E-07	5.40E-07	5.40E-07	4.70E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.26E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.97E-07**	**5.77E-07**	**5.77E-07**	**5.06E-07**	**-9.70E-08**	**-9.70E-08**	**-9.70E-08**	**-1.20E-07**

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	0.000200	0.002520	0.000948	0.001279	0.000539	0.000204	0.000202	0.000165	0.000195	0.000066	0.000086	0.000080
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**	**0.3**	**0.1**	**0.1**	**0.1**	**0**	**0**	**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	0.000090	0.000090	0.000099	0.000101	0.000115	0.000110	0.000110	0.000111	0.000117	0.000125	0.000129	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**	**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	**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	0.142	0.131	0.144	0.143	0.135	0.126	0.123	0.165	0.135	0.104	0.072	0.101
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**	**1.3**	**1.4**	**1.4**	**1.4**	**1.3**	**1.2**	**1.7**	**1.4**	**1.0**	**0.7**	**1.0**
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	0.105	0.094	0.131	0.101	0.094	0.073	0.137	0.149	0.125	0.211	0.195	0.128
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**	**0.9**	**1.3**	**1.0**	**0.9**	**0.7**	**1.4**	**1.5**	**1.3**	**2.1**	**2.0**	**1.3**

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	64.0	91.0	81.0	51.0	53.0	51.0	35.0	30.0
Total opportunities	66.0	94.0	83.0	54.0	54.0	53.0	35.0	32.0
Indicator value	**93.8%**	**94.0%**	**94.4%**	**94.2%**	**94.7%**	**95.5%**	**95.6%**	**96.8%**

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	127.0	137.0	139.0	135.0	128.0	128.0	126.0	132.0
Total Key personnel	133.0	137.0	139.0	136.0	129.0	128.0	130.0	132.0
Indicator value	**95.5%**	**100.0%**	**100.0%**	**99.3%**	**99.2%**	**100.0%**	**96.9%**	**100.0%**

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	611	611	607	611	611	610	608	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.9%**	**99.9%**	**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	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

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

Vogtle 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	2.0	0	0	0	0	0
Critical hours	2184.0	1950.0	1736.2	2159.0	2184.0	2208.0	2209.0	1544.5
Indicator value	**0**	**0**	**1.7**	**1.7**	**1.7**	**1.7**	**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/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	1950.0	1736.2	2159.0	2184.0	2208.0	2209.0	1544.5
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	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-08	-2.40E-08	-1.22E-07	-1.75E-07	-1.75E-07	-1.73E-07	-1.73E-07	-1.69E-07
URI (ΔCDF)	1.50E-07	1.60E-07	2.55E-07	-2.64E-07	-2.48E-07	-2.54E-07	-2.76E-07	-2.86E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.34E-07**	**1.36E-07**	**1.30E-07**	**-4.40E-07**	**-4.20E-07**	**-4.30E-07**	**-4.50E-07**	**-4.60E-07**

Licensee Comments:

1Q/11: Risk Cap Invoked.

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)	-1.30E-09	-9.10E-10	-2.20E-09	-1.65E-09	-1.83E-09	-3.40E-09	-5.44E-09	-5.07E-09
URI (ΔCDF)	-9.20E-09	-9.30E-09	-9.30E-09	-9.41E-09	-9.54E-09	-9.66E-09	-9.70E-09	-1.08E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.05E-08**	**-1.02E-08**	**-1.15E-08**	**-1.10E-08**	**-1.10E-08**	**-1.30E-08**	**-1.50E-08**	**-1.60E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	-5.90E-08	-5.50E-08	-4.90E-08	2.41E-08	-3.46E-09	-6.57E-09	1.04E-07	1.05E-07
URI (ΔCDF)	1.60E-07	1.60E-07	1.40E-07	-2.77E-07	-2.77E-07	-2.77E-07	-2.77E-07	-2.93E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.01E-07**	**1.05E-07**	**9.10E-08**	**-2.50E-07**	**-2.80E-07**	**-2.80E-07**	**-1.70E-07**	**-1.90E-07**

Licensee Comments:

1Q/11: Risk Cap Invoked.

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)	-6.70E-09	-9.90E-09	-9.60E-09	-9.57E-09	-9.57E-09	-9.57E-09	-9.57E-09	8.25E-09
URI (ΔCDF)	-3.20E-08	-3.20E-08	-3.10E-08	-3.07E-08	-3.07E-08	-3.07E-08	-3.07E-08	-3.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.87E-08**	**-4.19E-08**	**-4.06E-08**	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**	**-2.40E-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	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	3.70E-08	3.70E-08	3.60E-08	2.78E-08	2.78E-08	2.78E-08	1.56E-09	1.71E-09
URI (ΔCDF)	5.40E-07	5.40E-07	4.70E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.26E-07	-1.26E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.77E-07**	**5.77E-07**	**5.06E-07**	**-9.70E-08**	**-9.70E-08**	**-9.70E-08**	**-1.20E-07**	**-1.20E-07**

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	0.001279	0.000539	0.000204	0.000202	0.000165	0.000195	0.000066	0.000086	0.000080	0.000090	0.000090	0.000099
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0.000101	0.000115	0.000110	0.000110	0.000111	0.000117	0.000125	0.000129	0.000137	0.000150	0.000163	0.000316
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

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	0.143	0.135	0.126	0.123	0.165	0.135	0.104	0.072	0.101	0.105	0.094	0.131
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**	**1.4**	**1.3**	**1.2**	**1.7**	**1.4**	**1.0**	**0.7**	**1.0**	**1.1**	**0.9**	**1.3**
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	0.101	0.094	0.073	0.137	0.149	0.125	0.211	0.195	0.128	0.122	0.131	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	**1.0**	**0.9**	**0.7**	**1.4**	**1.5**	**1.3**	**2.1**	**2.0**	**1.3**	**1.2**	**1.3**	**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	91.0	81.0	51.0	53.0	51.0	35.0	30.0	52.0
Total opportunities	94.0	83.0	54.0	54.0	53.0	35.0	32.0	54.0
Indicator value	**94.0%**	**94.4%**	**94.2%**	**94.7%**	**95.5%**	**95.6%**	**96.8%**	**96.7%**

Licensee Comments: none

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	137.0	139.0	135.0	128.0	128.0	126.0	132.0	140.0
Total Key personnel	137.0	139.0	136.0	129.0	128.0	130.0	132.0	140.0
Indicator value	**100.0%**	**100.0%**	**99.3%**	**99.2%**	**100.0%**	**96.9%**	**100.0%**	**100.0%**

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	611	607	611	611	610	608	611	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.9%**	**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	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	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/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

Vogtle 1

2Q/2011 Performance Indicators

Licensee's General Comments: A revision to the plantâ€™s probabilistic risk assessment (PRA) model has resulted in changes to previous MSPI calculations. This PRA revision included changes to flood modeling; initiating frequency and component failure data; loss of offsite power event frequencies; and the addition of several initiating events which lead to a loss of RCP seal cooling that are now linked to a small break LOCA event. The latter change increases the risk importance of service water pumps and valves. The revised PRA has not resulted in any systemâ€™s current performance moving out of the green indicator band.

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	2.0	0	0	0	0	0	1.0
Critical hours	1950.0	1736.2	2159.0	2184.0	2208.0	2209.0	1544.5	2105.8
Indicator value	**0**	**1.7**	**1.7**	**1.7**	**1.7**	**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	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1950.0	1736.2	2159.0	2184.0	2208.0	2209.0	1544.5	2105.8
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	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)	-2.40E-08	-1.22E-07	-1.75E-07	-1.75E-07	-1.73E-07	-1.73E-07	-1.69E-07	-8.03E-08
URI (ΔCDF)	1.60E-07	2.55E-07	-2.64E-07	-2.48E-07	-2.54E-07	-2.76E-07	-2.86E-07	-1.51E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.36E-07**	**1.30E-07**	**-4.40E-07**	**-4.20E-07**	**-4.30E-07**	**-4.50E-07**	**-4.60E-07**	**-2.30E-07**

Licensee Comments:

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	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	-9.10E-10	-2.20E-09	-1.65E-09	-1.83E-09	-3.40E-09	-5.44E-09	-5.07E-09	-5.67E-09
URI (ΔCDF)	-9.30E-09	-9.30E-09	-9.41E-09	-9.54E-09	-9.66E-09	-9.70E-09	-1.08E-08	-1.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.02E-08**	**-1.15E-08**	**-1.10E-08**	**-1.10E-08**	**-1.30E-08**	**-1.50E-08**	**-1.60E-08**	**-1.90E-08**

Licensee Comments:

2Q/11: 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	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	-5.48E-08	-4.91E-08	2.41E-08	-3.46E-09	-6.57E-09	1.04E-07	1.05E-07	5.65E-09
URI (ΔCDF)	-1.97E-07	-2.12E-07	-2.12E-07	-2.12E-07	-2.12E-07	-2.12E-07	-2.26E-07	-2.68E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.50E-07**	**-2.60E-07**	**-1.90E-07**	**-2.20E-07**	**-2.20E-07**	**-1.10E-07**	**-1.20E-07**	**-2.10E-08**

Licensee Comments:

2Q/11: Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked.

2Q/10: Risk Cap Invoked.

1Q/10: Risk Cap Invoked.

4Q/09: Risk Cap Invoked.

3Q/09: Risk Cap Invoked.

2Q/09: Risk Cap Invoked.

4Q/08: Risk Cap Invoked.

3Q/08: Risk Cap Invoked.

2Q/08: Risk Cap Invoked.

1Q/08: Risk Cap Invoked.

4Q/07: Risk Cap Invoked.

3Q/07: Risk Cap Invoked.

2Q/07: Risk Cap Invoked.

1Q/07: Risk Cap Invoked.

4Q/06: Risk Cap Invoked.

3Q/06: Risk Cap Invoked.

2Q/06: Risk Cap Invoked.

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)	-9.95E-09	-9.57E-09	-9.57E-09	-9.57E-09	-9.57E-09	-9.57E-09	8.25E-09	7.60E-09
URI (ΔCDF)			-3.36E-08	-3.36E-08	-3.36E-08	-3.36E-08	-3.49E-08	-4.02E-08
PLE	N/A	N/A	NO	NO	NO	NO	NO	NO
Indicator value			**-4.30E-08**	**-4.30E-08**	**-4.30E-08**	**-4.30E-08**	**-2.70E-08**	**-3.30E-08**

Licensee Comments:

2Q/11: Changed PRA Parameter(s).

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)	3.70E-08	3.60E-08	2.78E-08	2.78E-08	2.78E-08	1.10E-08	1.13E-08	2.73E-08
URI (ΔCDF)	5.40E-07	4.70E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.26E-07	-1.26E-07	-8.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.77E-07**	**5.06E-07**	**-9.70E-08**	**-9.70E-08**	**-9.70E-08**	**-1.10E-07**	**-1.20E-07**	**-6.10E-08**

Licensee Comments:

2Q/11: Changed PRA Parameter(s).

3Q/10: While researching equipment history, discovered that while one NSCW fan was down for maintenance, a second NSCW fan was placed in pull-to-lock which prevents an auto start of that fan, with more than one fan out of service the train was unavailable. The performance level for this indicator remains green.

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	0.000202	0.000165	0.000195	0.000066	0.000086	0.000080	0.000090	0.000090	0.000099	0.000101	0.000115	0.000110
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	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**
Maximum activity	0.000110	0.000111	0.000117	0.000125	0.000129	0.000137	0.000150	0.000163	0.000316	0.000063	0.000058	0.000094
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

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	0.123	0.165	0.135	0.104	0.072	0.101	0.105	0.094	0.131	0.101	0.094	0.073
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**	**1.7**	**1.4**	**1.0**	**0.7**	**1.0**	**1.1**	**0.9**	**1.3**	**1.0**	**0.9**	**0.7**
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	0.137	0.149	0.125	0.211	0.195	0.128	0.122	0.131	0.116	0.057	0.057	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	**1.4**	**1.5**	**1.3**	**2.1**	**2.0**	**1.3**	**1.2**	**1.3**	**1.2**	**0.6**	**0.6**	**0.5**

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	81.0	51.0	53.0	51.0	35.0	30.0	52.0	66.0
Total opportunities	83.0	54.0	54.0	53.0	35.0	32.0	54.0	70.0
Indicator value	**94.4%**	**94.2%**	**94.7%**	**95.5%**	**95.6%**	**96.8%**	**96.7%**	**96.3%**

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	139.0	135.0	128.0	128.0	126.0	132.0	140.0	133.0
Total Key personnel	139.0	136.0	129.0	128.0	130.0	132.0	140.0	138.0
Indicator value	**100.0%**	**99.3%**	**99.2%**	**100.0%**	**96.9%**	**100.0%**	**100.0%**	**96.4%**

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	607	611	611	610	608	611	610	608
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.8%**	**99.8%**	**99.8%**	**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	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	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/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

Vogtle 1

3Q/2011 Performance Indicators

Licensee's General Comments: An error was made in the incorporation of Probabilistic Risk Assessment (PRA) parameter changes in the second quarter 2011 data. The PRA change involved the deletion of several Auxiliary Feedwater valves and the addition of two Residual Heat Removal valves on both Unit 1 and 2. The second quarter 2011 data was calculated correctly but, an error in implementation of the revised PRA caused previously submitted data (second quarter 2006 through first quarter 2011) to be calculated incorrectly. This change file will remove the calculation errors caused by the error in implementation of the revised PRA. This change file does not result in any system changing performance color bands.

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	2.0	0	0	0	0	0	1.0	1.0
Critical hours	1736.2	2159.0	2184.0	2208.0	2209.0	1544.5	2105.8	2174.6
Indicator value	**1.7**	**1.7**	**1.7**	**1.7**	**0**	**0**	**0.9**	**1.7**

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	0	0	0	0
Critical hours	1736.2	2159.0	2184.0	2208.0	2209.0	1544.5	2105.8	2174.6
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/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	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/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**
UAI (ΔCDF)	-1.22E-07	-1.75E-07	-1.32E-07	-1.31E-07	-1.31E-07	-1.30E-07	-8.03E-08	-8.01E-08
URI (ΔCDF)	2.55E-07	-2.64E-07	-2.48E-07	-2.54E-07	-2.76E-07	-2.86E-07	-1.51E-07	-1.52E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-07**	**-4.40E-07**	**-3.80E-07**	**-3.80E-07**	**-4.10E-07**	**-4.20E-07**	**-2.30E-07**	**-2.30E-07**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked. Changed PRA Parameter(s).

4Q/10: Risk Cap Invoked. Changed PRA Parameter(s).

3Q/10: Risk Cap Invoked. Changed PRA Parameter(s).

2Q/10: Risk Cap Invoked. 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/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**
UAI (ΔCDF)	-2.20E-09	-1.65E-09	-1.83E-09	-3.40E-09	-5.44E-09	-5.07E-09	-5.67E-09	-5.66E-09
URI (ΔCDF)	-9.30E-09	-9.41E-09	-9.54E-09	-9.66E-09	-9.70E-09	-1.08E-08	-1.33E-08	-1.32E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.15E-08**	**-1.10E-08**	**-1.10E-08**	**-1.30E-08**	**-1.50E-08**	**-1.60E-08**	**-1.90E-08**	**-1.90E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: 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/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**
UAI (ΔCDF)	-4.91E-08	2.41E-08	-3.46E-09	-6.57E-09	1.04E-07	1.05E-07	5.65E-09	1.37E-09
URI (ΔCDF)	-2.77E-07	-2.77E-07	-2.77E-07	-2.77E-07	-2.77E-07	-2.93E-07	-2.68E-08	-3.52E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.30E-07**	**-2.50E-07**	**-2.80E-07**	**-2.80E-07**	**-1.70E-07**	**-1.90E-07**	**-2.10E-08**	**-3.40E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked.

2Q/10: Risk Cap Invoked.

1Q/10: Risk Cap Invoked.

4Q/09: Risk Cap Invoked.

3Q/09: Risk Cap Invoked.

2Q/09: Risk Cap Invoked.

4Q/08: Risk Cap Invoked.

3Q/08: Risk Cap Invoked.

2Q/08: Risk Cap Invoked.

1Q/08: Risk Cap Invoked.

4Q/07: Risk Cap Invoked.

3Q/07: Risk Cap Invoked.

2Q/07: Risk Cap Invoked.

1Q/07: Risk Cap Invoked.

4Q/06: Risk Cap Invoked.

3Q/06: Risk Cap Invoked.

2Q/06: Risk Cap Invoked.

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)	-9.57E-09	-9.57E-09	-9.57E-09	-9.57E-09	-9.57E-09	8.25E-09	7.60E-09	7.87E-09
URI (ΔCDF)	-3.07E-08	-3.07E-08	-3.07E-08	-3.07E-08	-3.07E-08	-3.19E-08	-3.76E-08	-3.77E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**	**-2.40E-08**	**-3.00E-08**	**-3.00E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: 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/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	3.60E-08	2.78E-08	2.78E-08	2.78E-08	1.10E-08	1.13E-08	2.73E-08	2.73E-08
URI (ΔCDF)	4.70E-07	-1.25E-07	-1.25E-07	-1.25E-07	-1.26E-07	-1.26E-07	-8.82E-08	-8.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.06E-07**	**-9.70E-08**	**-9.70E-08**	**-9.70E-08**	**-1.10E-07**	**-1.20E-07**	**-6.10E-08**	**-6.10E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

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	0.000066	0.000086	0.000080	0.000090	0.000090	0.000099	0.000101	0.000115	0.000110	0.000110	0.000111	0.000117
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	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**
Maximum activity	0.000125	0.000129	0.000137	0.000150	0.000163	0.000316	0.000063	0.000058	0.000094	0.000057	0.000073	0.000065
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

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	0.104	0.072	0.101	0.105	0.094	0.131	0.101	0.094	0.073	0.137	0.149	0.125
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**	**1.0**	**1.1**	**0.9**	**1.3**	**1.0**	**0.9**	**0.7**	**1.4**	**1.5**	**1.3**
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	0.211	0.195	0.128	0.122	0.131	0.116	0.057	0.057	0.050	0.048	0.049	0.060
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**	**2.0**	**1.3**	**1.2**	**1.3**	**1.2**	**0.6**	**0.6**	**0.5**	**0.5**	**0.5**	**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	51.0	53.0	51.0	35.0	30.0	52.0	66.0	38.0
Total opportunities	54.0	54.0	53.0	35.0	32.0	54.0	70.0	41.0
Indicator value	**94.2%**	**94.7%**	**95.5%**	**95.6%**	**96.8%**	**96.7%**	**96.3%**	**95.7%**

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	135.0	128.0	128.0	126.0	132.0	140.0	133.0	132.0
Total Key personnel	136.0	129.0	128.0	130.0	132.0	140.0	138.0	135.0
Indicator value	**99.3%**	**99.2%**	**100.0%**	**96.9%**	**100.0%**	**100.0%**	**96.4%**	**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	611	611	610	608	611	610	608	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.8%**

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	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/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

Vogtle 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	0	0	0	1.0	1.0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1544.5	2105.8	2174.6	2209.0
Indicator value	**1.7**	**1.7**	**1.7**	**0**	**0**	**0.9**	**1.7**	**1.7**

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	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1544.5	2105.8	2174.6	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/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	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/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	-1.75E-07	-1.32E-07	-1.31E-07	-1.31E-07	-1.30E-07	-8.03E-08	-8.01E-08	-8.24E-08
URI (ΔCDF)	-2.64E-07	-2.48E-07	-2.54E-07	-2.76E-07	-2.86E-07	-1.51E-07	-1.52E-07	-1.49E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.40E-07**	**-3.80E-07**	**-3.80E-07**	**-4.10E-07**	**-4.20E-07**	**-2.30E-07**	**-2.30E-07**	**-2.30E-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	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	-1.65E-09	-1.83E-09	-3.40E-09	-5.44E-09	-5.07E-09	-5.67E-09	-5.66E-09	-5.75E-09
URI (ΔCDF)	-9.41E-09	-9.54E-09	-9.66E-09	-9.70E-09	-1.08E-08	-1.33E-08	-1.32E-08	-1.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-08**	**-1.10E-08**	**-1.30E-08**	**-1.50E-08**	**-1.60E-08**	**-1.90E-08**	**-1.90E-08**	**-1.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	2.41E-08	-3.46E-09	-6.57E-09	1.04E-07	1.05E-07	5.65E-09	1.37E-09	-4.61E-10
URI (ΔCDF)	-2.77E-07	-2.77E-07	-2.77E-07	-2.77E-07	-2.93E-07	-2.68E-08	-3.52E-08	-3.52E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.50E-07**	**-2.80E-07**	**-2.80E-07**	**-1.70E-07**	**-1.90E-07**	**-2.10E-08**	**-3.40E-08**	**-3.60E-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	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	-9.57E-09	-9.57E-09	-9.57E-09	-9.57E-09	8.25E-09	7.60E-09	7.87E-09	1.07E-08
URI (ΔCDF)	-3.07E-08	-3.07E-08	-3.07E-08	-3.07E-08	-3.19E-08	-3.76E-08	-3.77E-08	-3.79E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**	**-2.40E-08**	**-3.00E-08**	**-3.00E-08**	**-2.70E-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/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	2.78E-08	2.78E-08	2.78E-08	1.10E-08	1.13E-08	2.73E-08	2.73E-08	2.73E-08
URI (ΔCDF)	-1.25E-07	-1.25E-07	-1.25E-07	-1.26E-07	-1.26E-07	-8.82E-08	-8.84E-08	-8.84E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.70E-08**	**-9.70E-08**	**-9.70E-08**	**-1.10E-07**	**-1.20E-07**	**-6.10E-08**	**-6.10E-08**	**-6.10E-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	0.000090	0.000090	0.000099	0.000101	0.000115	0.000110	0.000110	0.000111	0.000117	0.000125	0.000129	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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0.000150	0.000163	0.000316	0.000063	0.000058	0.000094	0.000057	0.000073	0.000065	0.000073	0.000090	0.000104
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

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	0.105	0.094	0.131	0.101	0.094	0.073	0.137	0.149	0.125	0.211	0.195	0.128
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**	**0.9**	**1.3**	**1.0**	**0.9**	**0.7**	**1.4**	**1.5**	**1.3**	**2.1**	**2.0**	**1.3**
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	0.122	0.131	0.116	0.057	0.057	0.050	0.048	0.049	0.060	0.065	0.059	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	**1.2**	**1.3**	**1.2**	**0.6**	**0.6**	**0.5**	**0.5**	**0.5**	**0.6**	**0.7**	**0.6**	**0.7**

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	53.0	51.0	35.0	30.0	52.0	66.0	38.0	25.0
Total opportunities	54.0	53.0	35.0	32.0	54.0	70.0	41.0	26.0
Indicator value	**94.7%**	**95.5%**	**95.6%**	**96.8%**	**96.7%**	**96.3%**	**95.7%**	**95.9%**

Licensee Comments: none

ERO Drill Participation

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	128.0	128.0	126.0	132.0	140.0	133.0	132.0	132.0
Total Key personnel	129.0	128.0	130.0	132.0	140.0	138.0	135.0	134.0
Indicator value	**99.2%**	**100.0%**	**96.9%**	**100.0%**	**100.0%**	**96.4%**	**97.8%**	**98.5%**

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	611	610	608	611	610	608	611	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**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/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
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/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

Vogtle 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	0	0	0	1.0	1.0	0	0
Critical hours	2184.0	2208.0	2209.0	1544.5	2105.8	2174.6	2209.0	2183.0
Indicator value	**1.7**	**1.7**	**0**	**0**	**0.9**	**1.7**	**1.7**	**1.6**

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	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	1544.5	2105.8	2174.6	2209.0	2183.0
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	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	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/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**
UAI (ΔCDF)	-1.32E-07	-1.31E-07	-1.31E-07	-1.30E-07	-8.03E-08	-8.01E-08	-8.24E-08	1.10E-07
URI (ΔCDF)	-2.48E-07	-2.54E-07	-2.76E-07	-2.86E-07	-1.51E-07	-1.52E-07	-1.49E-07	-1.55E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.80E-07**	**-3.80E-07**	**-4.10E-07**	**-4.20E-07**	**-2.30E-07**	**-2.30E-07**	**-2.30E-07**	**-4.40E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked. Changed PRA Parameter(s).

4Q/10: Risk Cap Invoked.

4Q/10: Risk Cap Invoked. Changed PRA Parameter(s).

3Q/10: Risk Cap Invoked. Changed PRA Parameter(s).

3Q/10: Risk Cap Invoked.

2Q/10: Risk Cap Invoked. Changed PRA Parameter(s).

2Q/10: Risk Cap Invoked.

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)	-1.83E-09	-3.40E-09	-5.44E-09	-5.07E-09	-5.67E-09	-5.66E-09	-5.75E-09	-5.85E-09
URI (ΔCDF)	-9.54E-09	-9.66E-09	-9.70E-09	-1.08E-08	-1.33E-08	-1.32E-08	-1.30E-08	-1.28E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-08**	**-1.30E-08**	**-1.50E-08**	**-1.60E-08**	**-1.90E-08**	**-1.90E-08**	**-1.90E-08**	**-1.90E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: 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	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**
UAI (ΔCDF)	-3.46E-09	-6.57E-09	1.04E-07	1.05E-07	5.65E-09	1.37E-09	-4.61E-10	1.37E-10
URI (ΔCDF)	-2.77E-07	-2.77E-07	-2.77E-07	-2.93E-07	-2.68E-08	-3.52E-08	-3.52E-08	-3.52E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-07**	**-2.80E-07**	**-1.70E-07**	**-1.90E-07**	**-2.10E-08**	**-3.40E-08**	**-3.60E-08**	**-3.50E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked.

2Q/10: Risk Cap Invoked.

2Q/10: Risk Cap Invoked.

2Q/10: Risk Cap Invoked.

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)	-9.57E-09	-9.57E-09	-9.57E-09	8.25E-09	7.60E-09	7.87E-09	1.07E-08	1.02E-08
URI (ΔCDF)	-3.07E-08	-3.07E-08	-3.07E-08	-3.19E-08	-3.76E-08	-3.77E-08	-3.79E-08	-3.81E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-08**	**-4.00E-08**	**-4.00E-08**	**-2.40E-08**	**-3.00E-08**	**-3.00E-08**	**-2.70E-08**	**-2.80E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: 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/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**
UAI (ΔCDF)	2.78E-08	2.78E-08	1.10E-08	1.13E-08	2.73E-08	2.73E-08	2.73E-08	3.44E-08
URI (ΔCDF)	-1.25E-07	-1.25E-07	-1.26E-07	-1.26E-07	-8.82E-08	-8.84E-08	-8.84E-08	-4.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.70E-08**	**-9.70E-08**	**-1.10E-07**	**-1.20E-07**	**-6.10E-08**	**-6.10E-08**	**-6.10E-08**	**-7.00E-09**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

3Q/10: While researching equipment history, discovered that while one NSCW fan was down for maintenance, a second NSCW fan was placed in pull-to-lock which prevents an auto start of that fan, with more than one fan out of service the train was unavailable. The performance level for this indicator remains green.

2Q/10: In July 2010 a thermal analysis was performed for the motor thrust bearing for a Nuclear Service Cooling Water pump by the Kingsbury Corporation. This analysis was necessary due to the motor cooler discharge line freezing on January 7th and 11th 2010. The purpose of this analysis was to determine whether or not the pump motor would meet its Mission Time with no motor cooling water. The conclusion was that the thrust and upper guide bearings would be able to continually function without cooling water under the conditions noted during the initial event and therefore are not MSPI failures.

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	0.000101	0.000115	0.000110	0.000110	0.000111	0.000117	0.000125	0.000129	0.000137	0.000150	0.000163	0.000316
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	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**
Maximum activity	0.000063	0.000058	0.000094	0.000057	0.000073	0.000065	0.000073	0.000090	0.000104	0.000095	0.000093	0.000099
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

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	0.101	0.094	0.073	0.137	0.149	0.125	0.211	0.195	0.128	0.122	0.131	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	**1.0**	**0.9**	**0.7**	**1.4**	**1.5**	**1.3**	**2.1**	**2.0**	**1.3**	**1.2**	**1.3**	**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	0.057	0.057	0.050	0.048	0.049	0.060	0.065	0.059	0.068	0.062	0.063	0.070
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**	**0.5**	**0.5**	**0.5**	**0.6**	**0.7**	**0.6**	**0.7**	**0.6**	**0.6**	**0.7**

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	51.0	35.0	30.0	52.0	66.0	38.0	25.0	55.0
Total opportunities	53.0	35.0	32.0	54.0	70.0	41.0	26.0	56.0
Indicator value	**95.5%**	**95.6%**	**96.8%**	**96.7%**	**96.3%**	**95.7%**	**95.9%**	**95.9%**

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	128.0	126.0	132.0	140.0	133.0	132.0	132.0	130.0
Total Key personnel	128.0	130.0	132.0	140.0	138.0	135.0	134.0	130.0
Indicator value	**100.0%**	**96.9%**	**100.0%**	**100.0%**	**96.4%**	**97.8%**	**98.5%**	**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	610	608	611	610	608	611	611	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/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	**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/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: April 24, 2012

Vogtle 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	0	0	0	1.0	1.0	0	0	1.0
Critical hours	2208.0	2209.0	1544.5	2105.8	2174.6	2209.0	2183.0	2156.5
Indicator value	**1.7**	**0**	**0**	**0.9**	**1.7**	**1.7**	**1.6**	**1.6**

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	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1544.5	2105.8	2174.6	2209.0	2183.0	2156.5
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	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	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/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-1.31E-07	-1.31E-07	-1.30E-07	-8.03E-08	-8.01E-08	-8.24E-08	1.10E-07	-5.98E-08
URI (ΔCDF)	-2.54E-07	-2.76E-07	-2.86E-07	-1.51E-07	-1.52E-07	-1.49E-07	-1.55E-07	2.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.80E-07**	**-4.10E-07**	**-4.20E-07**	**-2.30E-07**	**-2.30E-07**	**-2.30E-07**	**-4.40E-08**	**1.50E-07**

Licensee Comments:

2Q/12: Changed PRA Parameter(s).

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked. Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

4Q/10: Risk Cap Invoked. Changed PRA Parameter(s).

3Q/10: Risk Cap Invoked. Changed PRA Parameter(s).

3Q/10: Risk Cap Invoked.

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)	-3.40E-09	-5.44E-09	-5.07E-09	-5.67E-09	-5.66E-09	-5.75E-09	-5.85E-09	-5.96E-09
URI (ΔCDF)	-9.66E-09	-9.70E-09	-1.08E-08	-1.33E-08	-1.32E-08	-1.30E-08	-1.28E-08	-1.25E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-1.50E-08**	**-1.60E-08**	**-1.90E-08**	**-1.90E-08**	**-1.90E-08**	**-1.90E-08**	**-1.80E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: 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	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-6.57E-09	1.04E-07	1.05E-07	5.65E-09	1.37E-09	-4.61E-10	1.37E-10	-5.36E-08
URI (ΔCDF)	-2.77E-07	-2.77E-07	-2.93E-07	-2.68E-08	-3.52E-08	-3.52E-08	-3.52E-08	-3.38E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-07**	**-1.70E-07**	**-1.90E-07**	**-2.10E-08**	**-3.40E-08**	**-3.60E-08**	**-3.50E-08**	**-3.90E-07**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked.

3Q/10: Risk Cap Invoked.

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)	-9.57E-09	-9.57E-09	8.25E-09	7.60E-09	7.87E-09	1.07E-08	1.02E-08	1.01E-08
URI (ΔCDF)	-3.07E-08	-3.07E-08	-3.19E-08	-3.76E-08	-3.77E-08	-3.79E-08	-3.81E-08	-3.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-08**	**-4.00E-08**	**-2.40E-08**	**-3.00E-08**	**-3.00E-08**	**-2.70E-08**	**-2.80E-08**	**-2.80E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: 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	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	2.78E-08	1.10E-08	1.13E-08	2.73E-08	2.73E-08	2.73E-08	3.44E-08	3.45E-08
URI (ΔCDF)	-1.25E-07	-1.26E-07	-1.26E-07	-8.82E-08	-8.84E-08	-8.84E-08	-4.14E-08	-2.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.70E-08**	**-1.10E-07**	**-1.20E-07**	**-6.10E-08**	**-6.10E-08**	**-6.10E-08**	**-7.00E-09**	**7.50E-09**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

3Q/10: While researching equipment history, discovered that while one NSCW fan was down for maintenance, a second NSCW fan was placed in pull-to-lock which prevents an auto start of that fan, with more than one fan out of service the train was unavailable. The performance level for this indicator remains green.

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	0.000110	0.000111	0.000117	0.000125	0.000129	0.000137	0.000150	0.000163	0.000316	0.000063	0.000058	0.000094
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	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**
Maximum activity	0.000057	0.000073	0.000065	0.000073	0.000090	0.000104	0.000095	0.000093	0.000099	0.000102	0.000093	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**

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	0.137	0.149	0.125	0.211	0.195	0.128	0.122	0.131	0.116	0.057	0.057	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	**1.4**	**1.5**	**1.3**	**2.1**	**2.0**	**1.3**	**1.2**	**1.3**	**1.2**	**0.6**	**0.6**	**0.5**
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	0.048	0.049	0.060	0.065	0.059	0.068	0.062	0.063	0.070	0.057	0.064	0.062
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**	**0.5**	**0.6**	**0.7**	**0.6**	**0.7**	**0.6**	**0.6**	**0.7**	**0.6**	**0.6**	**0.6**

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	35.0	30.0	52.0	66.0	38.0	25.0	55.0	50.0
Total opportunities	35.0	32.0	54.0	70.0	41.0	26.0	56.0	53.0
Indicator value	**95.6%**	**96.8%**	**96.7%**	**96.3%**	**95.7%**	**95.9%**	**95.9%**	**95.6%**

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	126.0	132.0	140.0	133.0	132.0	132.0	130.0	123.0
Total Key personnel	130.0	132.0	140.0	138.0	135.0	134.0	130.0	123.0
Indicator value	**96.9%**	**100.0%**	**100.0%**	**96.4%**	**97.8%**	**98.5%**	**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	608	611	610	608	611	611	610	564
Total sirens-tests	611	611	611	611	611	611	611	564
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**100.0%**

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	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/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.

Vogtle 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	1.0	1.0	0	0	1.0	0
Critical hours	2209.0	1544.5	2105.8	2174.6	2209.0	2183.0	2156.5	1853.4
Indicator value	**0**	**0**	**0.9**	**1.7**	**1.7**	**1.6**	**1.6**	**0.8**

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	0	0	0	0	0	0	0	0
Critical hours	2209.0	1544.5	2105.8	2174.6	2209.0	2183.0	2156.5	1853.4
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/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	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/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	-1.31E-07	-1.30E-07	-8.03E-08	-8.01E-08	-8.24E-08	1.10E-07	-5.98E-08	-5.88E-08
URI (ΔCDF)	-2.76E-07	-2.86E-07	-1.51E-07	-1.52E-07	-1.49E-07	-1.55E-07	2.13E-07	1.95E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.10E-07**	**-4.20E-07**	**-2.30E-07**	**-2.30E-07**	**-2.30E-07**	**-4.40E-08**	**1.50E-07**	**1.40E-07**

Licensee Comments:

2Q/12: Changed PRA Parameter(s).

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked. Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

4Q/10: Risk Cap Invoked. 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/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	-5.44E-09	-5.07E-09	-5.67E-09	-5.66E-09	-5.75E-09	-5.85E-09	-5.96E-09	-6.15E-09
URI (ΔCDF)	-9.70E-09	-1.08E-08	-1.33E-08	-1.32E-08	-1.30E-08	-1.28E-08	-1.25E-08	-1.23E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-08**	**-1.60E-08**	**-1.90E-08**	**-1.90E-08**	**-1.90E-08**	**-1.90E-08**	**-1.80E-08**	**-1.80E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

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)	1.04E-07	1.05E-07	5.65E-09	1.37E-09	-4.61E-10	1.37E-10	-5.36E-08	-7.62E-08
URI (ΔCDF)	-2.77E-07	-2.93E-07	-2.68E-08	-3.52E-08	-3.52E-08	-3.52E-08	-3.38E-07	-3.40E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.70E-07**	**-1.90E-07**	**-2.10E-08**	**-3.40E-08**	**-3.60E-08**	**-3.50E-08**	**-3.90E-07**	**-4.20E-07**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

4Q/10: Risk Cap Invoked.

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)	-9.57E-09	8.25E-09	7.60E-09	7.87E-09	1.07E-08	1.02E-08	1.01E-08	3.65E-09
URI (ΔCDF)	-3.07E-08	-3.19E-08	-3.76E-08	-3.77E-08	-3.79E-08	-3.81E-08	-3.83E-08	-4.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.00E-08**	**-2.40E-08**	**-3.00E-08**	**-3.00E-08**	**-2.70E-08**	**-2.80E-08**	**-2.80E-08**	**-3.70E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: 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/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	1.10E-08	1.13E-08	2.73E-08	2.73E-08	2.73E-08	3.44E-08	3.45E-08	3.55E-08
URI (ΔCDF)	-1.26E-07	-1.26E-07	-8.82E-08	-8.84E-08	-8.84E-08	-4.14E-08	-2.70E-08	-2.89E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-07**	**-1.20E-07**	**-6.10E-08**	**-6.10E-08**	**-6.10E-08**	**-7.00E-09**	**7.50E-09**	**6.60E-09**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

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	0.000125	0.000129	0.000137	0.000150	0.000163	0.000316	0.000063	0.000058	0.000094	0.000057	0.000073	0.000065
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	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**
Maximum activity	0.000073	0.000090	0.000104	0.000095	0.000093	0.000099	0.000102	0.000093	0.000135	0.000115	0.000109	0.000168
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	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**
Maximum leakage	0.211	0.195	0.128	0.122	0.131	0.116	0.057	0.057	0.050	0.048	0.049	0.060
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**	**2.0**	**1.3**	**1.2**	**1.3**	**1.2**	**0.6**	**0.6**	**0.5**	**0.5**	**0.5**	**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	0.065	0.059	0.068	0.062	0.063	0.070	0.057	0.064	0.062	0.069	0.069	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	**0.7**	**0.6**	**0.7**	**0.6**	**0.6**	**0.7**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.6**

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	30.0	52.0	66.0	38.0	25.0	55.0	50.0	62.0
Total opportunities	32.0	54.0	70.0	41.0	26.0	56.0	53.0	66.0
Indicator value	**96.8%**	**96.7%**	**96.3%**	**95.7%**	**95.9%**	**95.9%**	**95.6%**	**95.0%**

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	140.0	133.0	132.0	132.0	130.0	123.0	121.0
Total Key personnel	132.0	140.0	138.0	135.0	134.0	130.0	123.0	121.0
Indicator value	**100.0%**	**100.0%**	**96.4%**	**97.8%**	**98.5%**	**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	611	610	608	611	611	610	564	610
Total sirens-tests	611	611	611	611	611	611	564	611
Indicator value	**99.8%**	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

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	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/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

Vogtle 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	1.0	1.0	0	0	1.0	0	0
Critical hours	1544.5	2105.8	2174.6	2209.0	2183.0	2156.5	1853.4	1833.2
Indicator value	**0**	**0.9**	**1.7**	**1.7**	**1.6**	**1.6**	**0.8**	**0.9**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

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	0	0	0	0	0	0	0	0
Critical hours	1544.5	2105.8	2174.6	2209.0	2183.0	2156.5	1853.4	1833.2
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/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	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/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	-1.30E-07	-8.03E-08	-8.01E-08	-8.24E-08	1.10E-07	-5.98E-08	-5.88E-08	-5.93E-08
URI (ΔCDF)	-2.86E-07	-1.51E-07	-1.52E-07	-1.49E-07	-1.55E-07	2.13E-07	1.95E-07	-4.23E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.20E-07**	**-2.30E-07**	**-2.30E-07**	**-2.30E-07**	**-4.40E-08**	**1.50E-07**	**1.40E-07**	**-1.00E-07**

Licensee Comments:

2Q/12: Changed PRA Parameter(s).

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked. Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked.

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)	-5.07E-09	-5.67E-09	-5.66E-09	-5.75E-09	-5.85E-09	-5.96E-09	-6.15E-09	-6.15E-09
URI (ΔCDF)	-1.08E-08	-1.33E-08	-1.32E-08	-1.30E-08	-1.28E-08	-1.25E-08	-1.23E-08	-1.18E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.60E-08**	**-1.90E-08**	**-1.90E-08**	**-1.90E-08**	**-1.90E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: 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/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	1.05E-07	5.65E-09	1.37E-09	-4.61E-10	1.37E-10	-5.36E-08	-7.62E-08	-9.02E-08
URI (ΔCDF)	-2.93E-07	-2.68E-08	-3.52E-08	-3.52E-08	-3.52E-08	-3.38E-07	-3.40E-07	-3.38E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-07**	**-2.10E-08**	**-3.40E-08**	**-3.60E-08**	**-3.50E-08**	**-3.90E-07**	**-4.20E-07**	**-4.30E-07**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

1Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

1Q/11: Risk Cap Invoked.

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)	8.25E-09	7.60E-09	7.87E-09	1.07E-08	1.02E-08	1.01E-08	3.65E-09	3.07E-09
URI (ΔCDF)	-3.19E-08	-3.76E-08	-3.77E-08	-3.79E-08	-3.81E-08	-3.83E-08	-4.10E-08	-4.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.40E-08**	**-3.00E-08**	**-3.00E-08**	**-2.70E-08**	**-2.80E-08**	**-2.80E-08**	**-3.70E-08**	**-3.70E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: 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	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**
UAI (ΔCDF)	1.13E-08	2.73E-08	2.73E-08	2.73E-08	3.44E-08	3.45E-08	3.55E-08	3.52E-08
URI (ΔCDF)	-1.26E-07	-8.82E-08	-8.84E-08	-8.84E-08	-4.14E-08	-2.70E-08	-2.89E-08	-2.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-07**	**-6.10E-08**	**-6.10E-08**	**-6.10E-08**	**-7.00E-09**	**7.50E-09**	**6.60E-09**	**8.60E-09**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

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	0.000150	0.000163	0.000316	0.000063	0.000058	0.000094	0.000057	0.000073	0.000065	0.000073	0.000090	0.000104
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	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**
Maximum activity	0.000095	0.000093	0.000099	0.000102	0.000093	0.000135	0.000115	0.000109	0.000168	0.000106	0.000068	0.000028
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

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	0.122	0.131	0.116	0.057	0.057	0.050	0.048	0.049	0.060	0.065	0.059	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	**1.2**	**1.3**	**1.2**	**0.6**	**0.6**	**0.5**	**0.5**	**0.5**	**0.6**	**0.7**	**0.6**	**0.7**
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	0.062	0.063	0.070	0.057	0.064	0.062	0.069	0.069	0.055	0.054	0.076	0.040
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**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.6**	**0.5**	**0.8**	**0.4**

Licensee Comments: none

Drill/Exercise Performance

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	52.0	66.0	38.0	25.0	55.0	50.0	62.0	27.0
Total opportunities	54.0	70.0	41.0	26.0	56.0	53.0	66.0	29.0
Indicator value	**96.7%**	**96.3%**	**95.7%**	**95.9%**	**95.9%**	**95.6%**	**95.0%**	**94.9%**

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	140.0	133.0	132.0	132.0	130.0	123.0	121.0	116.0
Total Key personnel	140.0	138.0	135.0	134.0	130.0	123.0	121.0	118.0
Indicator value	**100.0%**	**96.4%**	**97.8%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**98.3%**

Licensee Comments: none

Alert & Notification System

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	610	608	611	611	610	564	610	658
Total sirens-tests	611	611	611	611	611	564	611	658
Indicator value	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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	**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/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

Vogtle 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	1.0	1.0	0	0	1.0	0	0	0
Critical hours	2105.8	2174.6	2209.0	2183.0	2156.5	1853.4	1833.2	2159.0
Indicator value	**0.9**	**1.7**	**1.7**	**1.6**	**1.6**	**0.8**	**0.9**	**0.9**

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	0	0	0
Critical hours	2105.8	2174.6	2209.0	2183.0	2156.5	1853.4	1833.2	2159.0
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	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	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/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-8.03E-08	-8.01E-08	-8.24E-08	1.10E-07	-5.98E-08	-5.88E-08	-5.93E-08	-5.99E-08
URI (ΔCDF)	-1.51E-07	-1.52E-07	-1.49E-07	-1.55E-07	2.13E-07	1.95E-07	-4.23E-08	-3.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.30E-07**	**-2.30E-07**	**-2.30E-07**	**-4.40E-08**	**1.50E-07**	**1.40E-07**	**-1.00E-07**	**-9.50E-08**

Licensee Comments:

2Q/12: Changed PRA Parameter(s).

3Q/11: Changed PRA Parameter(s).

2Q/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)	-5.67E-09	-5.66E-09	-5.75E-09	-5.85E-09	-5.96E-09	-6.15E-09	-6.15E-09	-6.15E-09
URI (ΔCDF)	-1.33E-08	-1.32E-08	-1.30E-08	-1.28E-08	-1.25E-08	-1.23E-08	-1.18E-08	-1.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-08**	**-1.90E-08**	**-1.90E-08**	**-1.90E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: 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	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	5.65E-09	1.37E-09	-4.61E-10	1.37E-10	-5.36E-08	-7.62E-08	-9.02E-08	-9.08E-08
URI (ΔCDF)	-2.68E-08	-3.52E-08	-3.52E-08	-3.52E-08	-3.38E-07	-3.40E-07	-3.38E-07	-3.38E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-08**	**-3.40E-08**	**-3.60E-08**	**-3.50E-08**	**-3.90E-07**	**-4.20E-07**	**-4.30E-07**	**-4.30E-07**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: 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/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	7.60E-09	7.87E-09	1.07E-08	1.02E-08	1.01E-08	3.65E-09	3.07E-09	2.79E-09
URI (ΔCDF)	-3.76E-08	-3.77E-08	-3.79E-08	-3.81E-08	-3.83E-08	-4.10E-08	-4.00E-08	-4.01E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-08**	**-3.00E-08**	**-2.70E-08**	**-2.80E-08**	**-2.80E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: 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/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	2.73E-08	2.73E-08	2.73E-08	3.44E-08	3.45E-08	3.55E-08	3.52E-08	3.52E-08
URI (ΔCDF)	-8.82E-08	-8.84E-08	-8.84E-08	-4.14E-08	-2.70E-08	-2.89E-08	-2.66E-08	-2.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-08**	**-6.10E-08**	**-6.10E-08**	**-7.00E-09**	**7.50E-09**	**6.60E-09**	**8.60E-09**	**1.00E-08**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

2Q/11: Changed PRA Parameter(s).

Reactor Coolant System Activity

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	0.000063	0.000058	0.000094	0.000057	0.000073	0.000065	0.000073	0.000090	0.000104	0.000095	0.000093	0.000099
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	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum activity	0.000102	0.000093	0.000135	0.000115	0.000109	0.000168	0.000030	0.000068	0.000028	0.000030	0.000021	0.000021
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:

12/12: The October 2012 value for Maximum I-131 was corrected to only include steady state power level sampling.

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	0.057	0.057	0.050	0.048	0.049	0.060	0.065	0.059	0.068	0.062	0.063	0.070
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**	**0.5**	**0.5**	**0.5**	**0.6**	**0.7**	**0.6**	**0.7**	**0.6**	**0.6**	**0.7**

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	0.057	0.064	0.062	0.069	0.069	0.055	0.054	0.076	0.040	0.056	0.061	0.056
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**	**0.6**	**0.7**	**0.7**	**0.6**	**0.5**	**0.8**	**0.4**	**0.6**	**0.6**	**0.6**

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	66.0	38.0	25.0	55.0	50.0	62.0	27.0	40.0
Total opportunities	70.0	41.0	26.0	56.0	53.0	66.0	29.0	40.0
Indicator value	**96.3%**	**95.7%**	**95.9%**	**95.9%**	**95.6%**	**95.0%**	**94.9%**	**95.3%**

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	133.0	132.0	132.0	130.0	123.0	121.0	116.0	116.0
Total Key personnel	138.0	135.0	134.0	130.0	123.0	121.0	118.0	116.0
Indicator value	**96.4%**	**97.8%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**98.3%**	**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	608	611	611	610	564	610	658	564
Total sirens-tests	611	611	611	611	564	611	658	564
Indicator value	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**99.9%**	**99.9%**	**100.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

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	**0**	**0**	**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

Vogtle 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	1.0	0	0	1.0	0	0	0	0
Critical hours	2174.6	2209.0	2183.0	2156.5	1853.4	1833.2	2159.0	2184.0
Indicator value	**1.7**	**1.7**	**1.6**	**1.6**	**0.8**	**0.9**	**0.9**	**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	0	0	0	0
Critical hours	2174.6	2209.0	2183.0	2156.5	1853.4	1833.2	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	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/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	-8.01E-08	-8.24E-08	1.10E-07	-5.98E-08	-5.88E-08	-5.93E-08	-5.99E-08	-3.07E-08
URI (ΔCDF)	-1.52E-07	-1.49E-07	-1.55E-07	2.13E-07	1.95E-07	-4.23E-08	-3.50E-08	-3.14E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.30E-07**	**-2.30E-07**	**-4.40E-08**	**1.50E-07**	**1.40E-07**	**-1.00E-07**	**-9.50E-08**	**-6.20E-08**

Licensee Comments:

2Q/12: 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)	-5.66E-09	-5.75E-09	-5.85E-09	-5.96E-09	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09
URI (ΔCDF)	-1.32E-08	-1.30E-08	-1.28E-08	-1.25E-08	-1.23E-08	-1.18E-08	-1.19E-08	-1.22E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-08**	**-1.90E-08**	**-1.90E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**

Licensee Comments:

3Q/11: 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	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	1.37E-09	-4.61E-10	1.37E-10	-5.36E-08	-7.62E-08	-9.02E-08	-9.08E-08	-9.09E-08
URI (ΔCDF)	-3.52E-08	-3.52E-08	-3.52E-08	-3.38E-07	-3.40E-07	-3.38E-07	-3.38E-07	-3.38E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.40E-08**	**-3.60E-08**	**-3.50E-08**	**-3.90E-07**	**-4.20E-07**	**-4.30E-07**	**-4.30E-07**	**-4.30E-07**

Licensee Comments:

3Q/11: 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	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	7.87E-09	1.07E-08	1.02E-08	1.01E-08	3.65E-09	3.07E-09	2.79E-09	3.19E-09
URI (ΔCDF)	-3.77E-08	-3.79E-08	-3.81E-08	-3.83E-08	-4.10E-08	-4.00E-08	-4.01E-08	-4.02E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-08**	**-2.70E-08**	**-2.80E-08**	**-2.80E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**

Licensee Comments:

3Q/11: 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	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	2.73E-08	2.73E-08	3.44E-08	3.45E-08	3.55E-08	3.52E-08	3.52E-08	3.45E-08
URI (ΔCDF)	-8.84E-08	-8.84E-08	-4.14E-08	-2.70E-08	-2.89E-08	-2.66E-08	-2.50E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-08**	**-6.10E-08**	**-7.00E-09**	**7.50E-09**	**6.60E-09**	**8.60E-09**	**1.00E-08**	**9.20E-09**

Licensee Comments:

3Q/11: Changed PRA Parameter(s).

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	0.000057	0.000073	0.000065	0.000073	0.000090	0.000104	0.000095	0.000093	0.000099	0.000102	0.000093	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**
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	0.000115	0.000109	0.000168	0.000030	0.000068	0.000028	0.000030	0.000021	0.000021	0.000031	0.000033	0.000031
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:

12/12: The October 2012 value for Maximum I-131 was corrected to only include steady state power level sampling.

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	0.048	0.049	0.060	0.065	0.059	0.068	0.062	0.063	0.070	0.057	0.064	0.062
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**	**0.5**	**0.6**	**0.7**	**0.6**	**0.7**	**0.6**	**0.6**	**0.7**	**0.6**	**0.6**	**0.6**

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	0.069	0.069	0.055	0.054	0.076	0.040	0.056	0.061	0.056	0.066	0.068	0.080
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**	**0.6**	**0.5**	**0.8**	**0.4**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.8**

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	38.0	25.0	55.0	50.0	62.0	27.0	40.0	67.0
Total opportunities	41.0	26.0	56.0	53.0	66.0	29.0	40.0	67.0
Indicator value	**95.7%**	**95.9%**	**95.9%**	**95.6%**	**95.0%**	**94.9%**	**95.3%**	**96.3%**

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	132.0	132.0	130.0	123.0	121.0	116.0	116.0	92.0
Total Key personnel	135.0	134.0	130.0	123.0	121.0	118.0	116.0	92.0
Indicator value	**97.8%**	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**98.3%**	**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	611	611	610	564	610	658	564	611
Total sirens-tests	611	611	611	564	611	658	564	611
Indicator value	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**99.9%**	**99.9%**	**100.0%**	**100.0%**

Licensee Comments: none

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	**0**	**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

Vogtle 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	1.0	0	0	0	0	0
Critical hours	2209.0	2183.0	2156.5	1853.4	1833.2	2159.0	2184.0	2208.0
Indicator value	**1.7**	**1.6**	**1.6**	**0.8**	**0.9**	**0.9**	**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	0	0	0	0	0
Critical hours	2209.0	2183.0	2156.5	1853.4	1833.2	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	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/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	-8.24E-08	1.10E-07	-5.98E-08	-5.88E-08	-5.93E-08	-5.99E-08	-3.07E-08	-2.57E-08
URI (ΔCDF)	-1.49E-07	-1.55E-07	2.13E-07	1.95E-07	-4.23E-08	-3.50E-08	-3.14E-08	-2.48E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.30E-07**	**-4.40E-08**	**1.50E-07**	**1.40E-07**	**-1.00E-07**	**-9.50E-08**	**-6.20E-08**	**-5.00E-08**

Licensee Comments:

2Q/12: 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)	-5.75E-09	-5.85E-09	-5.96E-09	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09
URI (ΔCDF)	-1.30E-08	-1.28E-08	-1.25E-08	-1.23E-08	-1.18E-08	-1.19E-08	-1.22E-08	-1.22E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-08**	**-1.90E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	-4.61E-10	1.37E-10	-5.36E-08	-7.62E-08	-9.02E-08	-9.08E-08	-9.09E-08	-8.94E-08
URI (ΔCDF)	-3.52E-08	-3.52E-08	-3.38E-07	-3.40E-07	-3.38E-07	-3.38E-07	-3.38E-07	-3.38E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.60E-08**	**-3.50E-08**	**-3.90E-07**	**-4.20E-07**	**-4.30E-07**	**-4.30E-07**	**-4.30E-07**	**-4.30E-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)	1.07E-08	1.02E-08	1.01E-08	3.65E-09	3.07E-09	2.79E-09	3.19E-09	3.69E-09
URI (ΔCDF)	-3.79E-08	-3.81E-08	-3.83E-08	-4.10E-08	-4.00E-08	-4.01E-08	-4.02E-08	-4.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.70E-08**	**-2.80E-08**	**-2.80E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-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/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	2.73E-08	3.44E-08	3.45E-08	3.55E-08	3.52E-08	3.52E-08	3.45E-08	2.02E-08
URI (ΔCDF)	-8.84E-08	-4.14E-08	-2.70E-08	-2.89E-08	-2.66E-08	-2.50E-08	-2.53E-08	-2.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-08**	**-7.00E-09**	**7.50E-09**	**6.60E-09**	**8.60E-09**	**1.00E-08**	**9.20E-09**	**-5.40E-09**

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	0.000073	0.000090	0.000104	0.000095	0.000093	0.000099	0.000102	0.000093	0.000135	0.000115	0.000109	0.000168
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	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**
Maximum activity	0.000030	0.000068	0.000028	0.000030	0.000021	0.000021	0.000031	0.000033	0.000031	0.000024	0.000046	0.000034
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:

12/12: The October 2012 value for Maximum I-131 was corrected to only include steady state power level sampling.

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	0.065	0.059	0.068	0.062	0.063	0.070	0.057	0.064	0.062	0.069	0.069	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	**0.7**	**0.6**	**0.7**	**0.6**	**0.6**	**0.7**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.6**
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	0.054	0.076	0.040	0.056	0.061	0.056	0.066	0.068	0.080	0.078	0.079	0.102
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**	**0.8**	**0.4**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.8**	**0.8**	**0.8**	**1.0**

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	25.0	55.0	50.0	62.0	27.0	40.0	67.0	71.0
Total opportunities	26.0	56.0	53.0	66.0	29.0	40.0	67.0	72.0
Indicator value	**95.9%**	**95.9%**	**95.6%**	**95.0%**	**94.9%**	**95.3%**	**96.3%**	**97.1%**

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	132.0	130.0	123.0	121.0	116.0	116.0	92.0	94.0
Total Key personnel	134.0	130.0	123.0	121.0	118.0	116.0	92.0	95.0
Indicator value	**98.5%**	**100.0%**	**100.0%**	**100.0%**	**98.3%**	**100.0%**	**100.0%**	**98.9%**

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	611	610	564	610	658	564	611	658
Total sirens-tests	611	611	564	611	658	564	611	658
Indicator value	**99.8%**	**99.8%**	**100.0%**	**99.9%**	**99.9%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

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

Vogtle 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	1.0	0	0	0	0	0	0
Critical hours	2183.0	2156.5	1853.4	1833.2	2159.0	2184.0	2208.0	2209.0
Indicator value	**1.6**	**1.6**	**0.8**	**0.9**	**0.9**	**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	0	0	0	0	0	0
Critical hours	2183.0	2156.5	1853.4	1833.2	2159.0	2184.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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

Safety System Functional Failures (PWR)

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	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/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	1.10E-07	-5.98E-08	-5.88E-08	-5.93E-08	-5.99E-08	-3.07E-08	-2.57E-08	2.20E-08
URI (ΔCDF)	-1.55E-07	2.13E-07	1.95E-07	-4.23E-08	-3.50E-08	-3.14E-08	-2.48E-08	-3.88E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.40E-08**	**1.50E-07**	**1.40E-07**	**-1.00E-07**	**-9.50E-08**	**-6.20E-08**	**-5.00E-08**	**-1.70E-08**

Licensee Comments:

2Q/12: 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/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	-5.85E-09	-5.96E-09	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09
URI (ΔCDF)	-1.28E-08	-1.25E-08	-1.23E-08	-1.18E-08	-1.19E-08	-1.22E-08	-1.22E-08	-1.27E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	1.37E-10	-5.36E-08	-7.62E-08	-9.02E-08	-9.08E-08	-9.09E-08	-8.94E-08	-8.29E-08
URI (ΔCDF)	-3.52E-08	-3.38E-07	-3.40E-07	-3.38E-07	-3.38E-07	-3.38E-07	-3.38E-07	-3.38E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.50E-08**	**-3.90E-07**	**-4.20E-07**	**-4.30E-07**	**-4.30E-07**	**-4.30E-07**	**-4.30E-07**	**-4.20E-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/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	1.02E-08	1.01E-08	3.65E-09	3.07E-09	2.79E-09	3.19E-09	3.69E-09	4.55E-09
URI (ΔCDF)	-3.81E-08	-3.83E-08	-4.10E-08	-4.00E-08	-4.01E-08	-4.02E-08	-4.03E-08	-4.04E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-08**	**-2.80E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.60E-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	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	3.44E-08	3.45E-08	3.55E-08	3.52E-08	3.52E-08	3.45E-08	2.02E-08	9.15E-10
URI (ΔCDF)	-4.14E-08	-2.70E-08	-2.89E-08	-2.66E-08	-2.50E-08	-2.53E-08	-2.56E-08	-2.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.00E-09**	**7.50E-09**	**6.60E-09**	**8.60E-09**	**1.00E-08**	**9.20E-09**	**-5.40E-09**	**-2.10E-08**

Licensee Comments: none

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	0.000095	0.000093	0.000099	0.000102	0.000093	0.000135	0.000115	0.000109	0.000168	0.000030	0.000068	0.000028
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	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**
Maximum activity	0.000030	0.000021	0.000021	0.000031	0.000033	0.000031	0.000024	0.000046	0.000034	0.000035	0.000046	0.000045
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:

12/12: The October 2012 value for Maximum I-131 was corrected to only include steady state power level sampling.

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	0.062	0.063	0.070	0.057	0.064	0.062	0.069	0.069	0.055	0.054	0.076	0.040
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**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.6**	**0.5**	**0.8**	**0.4**
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	0.056	0.061	0.056	0.066	0.068	0.080	0.078	0.079	0.102	0.108	0.072	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	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.8**	**0.8**	**0.8**	**1.0**	**1.1**	**0.7**	**0.6**

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	55.0	50.0	62.0	27.0	40.0	67.0	71.0	53.0
Total opportunities	56.0	53.0	66.0	29.0	40.0	67.0	72.0	53.0
Indicator value	**95.9%**	**95.6%**	**95.0%**	**94.9%**	**95.3%**	**96.3%**	**97.1%**	**97.5%**

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	130.0	123.0	121.0	116.0	116.0	92.0	94.0	95.0
Total Key personnel	130.0	123.0	121.0	118.0	116.0	92.0	95.0	95.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**98.3%**	**100.0%**	**100.0%**	**98.9%**	**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	610	564	610	658	564	611	658	611
Total sirens-tests	611	564	611	658	564	611	658	611
Indicator value	**99.8%**	**100.0%**	**99.9%**	**99.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

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

Vogtle 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	1.0	0	0	0	0	0	0	0
Critical hours	2156.5	1853.4	1833.2	2159.0	2184.0	2208.0	2209.0	1780.3
Indicator value	**1.6**	**0.8**	**0.9**	**0.9**	**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	0	0	0	0	0	0	0
Critical hours	2156.5	1853.4	1833.2	2159.0	2184.0	2208.0	2209.0	1780.3
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	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/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	-5.98E-08	-5.88E-08	-5.93E-08	-5.99E-08	-3.07E-08	-2.57E-08	2.20E-08	1.59E-08
URI (ΔCDF)	2.13E-07	1.95E-07	-4.23E-08	-3.50E-08	-3.14E-08	-2.48E-08	-3.88E-08	-1.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-07**	**1.40E-07**	**-1.00E-07**	**-9.50E-08**	**-6.20E-08**	**-5.00E-08**	**-1.70E-08**	**-3.20E-09**

Licensee Comments:

2Q/12: 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/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	-5.96E-09	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09	-2.31E-09
URI (ΔCDF)	-1.25E-08	-1.23E-08	-1.18E-08	-1.19E-08	-1.22E-08	-1.22E-08	-1.27E-08	-1.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.90E-08**	**-1.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	-5.36E-08	-7.62E-08	-9.02E-08	-9.08E-08	-9.09E-08	-8.94E-08	-8.29E-08	-5.91E-08
URI (ΔCDF)	-3.38E-07	-3.40E-07	-3.38E-07	-3.38E-07	-3.38E-07	-3.38E-07	-3.38E-07	-3.29E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.90E-07**	**-4.20E-07**	**-4.30E-07**	**-4.30E-07**	**-4.30E-07**	**-4.30E-07**	**-4.20E-07**	**-3.90E-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/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	1.01E-08	3.65E-09	3.07E-09	2.79E-09	3.19E-09	3.69E-09	4.55E-09	-1.15E-08
URI (ΔCDF)	-3.83E-08	-4.10E-08	-4.00E-08	-4.01E-08	-4.02E-08	-4.03E-08	-4.04E-08	-4.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.60E-08**	**-5.20E-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	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	3.45E-08	3.55E-08	3.52E-08	3.52E-08	3.45E-08	2.02E-08	9.15E-10	1.26E-10
URI (ΔCDF)	-2.70E-08	-2.89E-08	-2.66E-08	-2.50E-08	-2.53E-08	-2.56E-08	-2.15E-08	4.09E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.50E-09**	**6.60E-09**	**8.60E-09**	**1.00E-08**	**9.20E-09**	**-5.40E-09**	**-2.10E-08**	**4.10E-08**

Licensee Comments: none

Reactor Coolant System Activity

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	0.000102	0.000093	0.000135	0.000115	0.000109	0.000168	0.000030	0.000068	0.000028	0.000030	0.000021	0.000021
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	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum activity	0.000031	0.000033	0.000031	0.000024	0.000046	0.000034	0.000035	0.000046	0.000045	0.000027	0.000033	0.000040
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:

12/12: The October 2012 value for Maximum I-131 was corrected to only include steady state power level sampling.

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	0.057	0.064	0.062	0.069	0.069	0.055	0.054	0.076	0.040	0.056	0.061	0.056
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**	**0.6**	**0.7**	**0.7**	**0.6**	**0.5**	**0.8**	**0.4**	**0.6**	**0.6**	**0.6**

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	0.066	0.068	0.080	0.078	0.079	0.102	0.108	0.072	0.058	0.097	0.077	0.070
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**	**0.8**	**0.8**	**0.8**	**1.0**	**1.1**	**0.7**	**0.6**	**1.0**	**0.8**	**0.7**

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	50.0	62.0	27.0	40.0	67.0	71.0	53.0	38.0
Total opportunities	53.0	66.0	29.0	40.0	67.0	72.0	53.0	38.0
Indicator value	**95.6%**	**95.0%**	**94.9%**	**95.3%**	**96.3%**	**97.1%**	**97.5%**	**97.6%**

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	123.0	121.0	116.0	116.0	92.0	94.0	95.0	96.0
Total Key personnel	123.0	121.0	118.0	116.0	92.0	95.0	95.0	96.0
Indicator value	**100.0%**	**100.0%**	**98.3%**	**100.0%**	**100.0%**	**98.9%**	**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	564	610	658	564	611	658	611	610
Total sirens-tests	564	611	658	564	611	658	611	611
Indicator value	**100.0%**	**99.9%**	**99.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

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

Vogtle 1

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: This change report corrects the Drill / Exercise data previously reported for February 2014. A Shift Manager was given credit for a notification opportunity during a simulator session in error due to the crew size.

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	1.0
Critical hours	1853.4	1833.2	2159.0	2184.0	2208.0	2209.0	1780.3	1923.3
Indicator value	**0.8**	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0.9**

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	0	0	0	0	0	0	0	1.0
Critical hours	1853.4	1833.2	2159.0	2184.0	2208.0	2209.0	1780.3	1923.3
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**

Licensee Comments: none

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	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/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	-5.88E-08	-5.93E-08	-5.99E-08	-3.07E-08	-2.57E-08	2.20E-08	1.59E-08	1.52E-08
URI (ΔCDF)	1.95E-07	-4.23E-08	-3.50E-08	-3.14E-08	-2.48E-08	-3.88E-08	-1.90E-08	-1.48E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-07**	**-1.00E-07**	**-9.50E-08**	**-6.20E-08**	**-5.00E-08**	**-1.70E-08**	**-3.20E-09**	**4.20E-10**

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)	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09	-2.31E-09	-2.10E-09
URI (ΔCDF)	-1.23E-08	-1.18E-08	-1.19E-08	-1.22E-08	-1.22E-08	-1.27E-08	-1.15E-08	-1.25E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.90E-08**	**-1.40E-08**	**-1.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	-7.62E-08	-9.02E-08	-9.08E-08	-9.09E-08	-8.94E-08	-8.29E-08	-5.91E-08	-5.37E-08
URI (ΔCDF)	-3.40E-07	-3.38E-07	-3.38E-07	-3.38E-07	-3.38E-07	-3.38E-07	-3.29E-07	-3.29E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.20E-07**	**-4.30E-07**	**-4.30E-07**	**-4.30E-07**	**-4.30E-07**	**-4.20E-07**	**-3.90E-07**	**-3.80E-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/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	3.65E-09	3.07E-09	2.79E-09	3.19E-09	3.69E-09	4.55E-09	-1.15E-08	-1.15E-08
URI (ΔCDF)	-4.10E-08	-4.00E-08	-4.01E-08	-4.02E-08	-4.03E-08	-4.04E-08	-4.03E-08	-4.44E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.60E-08**	**-5.20E-08**	**-5.60E-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)	3.55E-08	3.52E-08	3.52E-08	3.45E-08	2.02E-08	9.15E-10	1.26E-10	5.25E-10
URI (ΔCDF)	-2.89E-08	-2.66E-08	-2.50E-08	-2.53E-08	-2.56E-08	-2.15E-08	4.09E-08	3.87E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.60E-09**	**8.60E-09**	**1.00E-08**	**9.20E-09**	**-5.40E-09**	**-2.10E-08**	**4.10E-08**	**3.90E-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	0.000115	0.000109	0.000168	0.000030	0.000068	0.000028	0.000030	0.000021	0.000021	0.000031	0.000033	0.000031
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	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**
Maximum activity	0.000024	0.000046	0.000034	0.000035	0.000046	0.000045	0.000027	0.000033	0.000040	0.000073	0.000157	0.000136
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:

12/12: The October 2012 value for Maximum I-131 was corrected to only include steady state power level sampling.

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	0.069	0.069	0.055	0.054	0.076	0.040	0.056	0.061	0.056	0.066	0.068	0.080
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**	**0.6**	**0.5**	**0.8**	**0.4**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.8**
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	0.078	0.079	0.102	0.108	0.072	0.058	0.097	0.077	0.070	0.144	0.137	0.147
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**	**0.8**	**1.0**	**1.1**	**0.7**	**0.6**	**1.0**	**0.8**	**0.7**	**1.4**	**1.4**	**1.5**

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	62.0	27.0	40.0	67.0	71.0	53.0	37.0	46.0
Total opportunities	66.0	29.0	40.0	67.0	72.0	53.0	37.0	47.0
Indicator value	**95.0%**	**94.9%**	**95.3%**	**96.3%**	**97.1%**	**97.5%**	**97.6%**	**98.1%**

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	121.0	116.0	116.0	92.0	94.0	95.0	96.0	94.0
Total Key personnel	121.0	118.0	116.0	92.0	95.0	95.0	96.0	94.0
Indicator value	**100.0%**	**98.3%**	**100.0%**	**100.0%**	**98.9%**	**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	610	658	564	611	658	611	610	610
Total sirens-tests	611	658	564	611	658	611	611	611
Indicator value	**99.9%**	**99.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

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: August 29, 2014

Vogtle 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	1.0	1.0
Critical hours	1833.2	2159.0	2184.0	2208.0	2209.0	1780.3	1923.3	2107.6
Indicator value	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0.9**	**1.7**

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	0	0	1.0	1.0
Critical hours	1833.2	2159.0	2184.0	2208.0	2209.0	1780.3	1923.3	2107.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**	**1.7**

Licensee Comments:

3Q/14: Notice of Enforcement Discretion (NOED No. 14-2-03) dated August 27, 2014, was received by Plant Vogtle which allowed Unit 2 to continue operation beyond the Technical Specification limit for Unit shutdown to complete repairs on 2B Containment Spray Pump. An unplanned power change of greater than 20% would have been reported without this NOED from the NRC.

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	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/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	-5.93E-08	-5.99E-08	-3.07E-08	-2.57E-08	2.20E-08	1.59E-08	1.52E-08	1.66E-08
URI (ΔCDF)	-4.23E-08	-3.50E-08	-3.14E-08	-2.48E-08	-3.88E-08	-1.90E-08	-1.48E-08	-8.43E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-07**	**-9.50E-08**	**-6.20E-08**	**-5.00E-08**	**-1.70E-08**	**-3.20E-09**	**4.20E-10**	**8.20E-09**

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)	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09	-2.31E-09	-2.10E-09	-1.87E-09
URI (ΔCDF)	-1.18E-08	-1.19E-08	-1.22E-08	-1.22E-08	-1.27E-08	-1.15E-08	-1.25E-08	-1.25E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.90E-08**	**-1.40E-08**	**-1.50E-08**	**-1.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	-9.02E-08	-9.08E-08	-9.09E-08	-8.94E-08	-8.29E-08	-5.91E-08	-5.37E-08	-5.35E-08
URI (ΔCDF)	-3.38E-07	-3.38E-07	-3.38E-07	-3.38E-07	-3.38E-07	-3.29E-07	-3.29E-07	-3.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.30E-07**	**-4.30E-07**	**-4.30E-07**	**-4.30E-07**	**-4.20E-07**	**-3.90E-07**	**-3.80E-07**	**-3.90E-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/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	3.07E-09	2.79E-09	3.19E-09	3.69E-09	4.55E-09	-1.15E-08	-1.15E-08	-4.79E-09
URI (ΔCDF)	-4.00E-08	-4.01E-08	-4.02E-08	-4.03E-08	-4.04E-08	-4.03E-08	-4.44E-08	-4.44E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.60E-08**	**-5.20E-08**	**-5.60E-08**	**-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	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	3.52E-08	3.52E-08	3.45E-08	2.02E-08	9.15E-10	1.26E-10	5.25E-10	1.08E-09
URI (ΔCDF)	-2.66E-08	-2.50E-08	-2.53E-08	-2.56E-08	-2.15E-08	4.09E-08	3.87E-08	3.97E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.60E-09**	**1.00E-08**	**9.20E-09**	**-5.40E-09**	**-2.10E-08**	**4.10E-08**	**3.90E-08**	**4.10E-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	0.000030	0.000068	0.000028	0.000030	0.000021	0.000021	0.000031	0.000033	0.000031	0.000024	0.000046	0.000034
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	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**
Maximum activity	0.000035	0.000046	0.000045	0.000027	0.000033	0.000040	0.000073	0.000157	0.000136	0.000132	0.000129	0.000128
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:

12/12: The October 2012 value for Maximum I-131 was corrected to only include steady state power level sampling.

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	0.054	0.076	0.040	0.056	0.061	0.056	0.066	0.068	0.080	0.078	0.079	0.102
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**	**0.8**	**0.4**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.8**	**0.8**	**0.8**	**1.0**

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	0.108	0.072	0.058	0.097	0.077	0.070	0.144	0.137	0.147	0.154	0.169	0.161
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**	**0.6**	**1.0**	**0.8**	**0.7**	**1.4**	**1.4**	**1.5**	**1.5**	**1.7**	**1.6**

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	27.0	40.0	67.0	71.0	53.0	37.0	46.0	31.0
Total opportunities	29.0	40.0	67.0	72.0	53.0	37.0	47.0	31.0
Indicator value	**94.9%**	**95.3%**	**96.3%**	**97.1%**	**97.5%**	**97.6%**	**98.1%**	**98.9%**

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	116.0	116.0	92.0	94.0	95.0	96.0	94.0	93.0
Total Key personnel	118.0	116.0	92.0	95.0	95.0	96.0	94.0	93.0
Indicator value	**98.3%**	**100.0%**	**100.0%**	**98.9%**	**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	658	564	611	658	611	610	610	611
Total sirens-tests	658	564	611	658	611	611	611	611
Indicator value	**99.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.9%**	**99.9%**

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

Vogtle 1

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: This change file corrects two errors. The time Unit 1 reactor went subcritical on November 9, 2009 was corrected. Also, the number of unavailability hours for Unit 1 NSCW was not reported correctly in January 2014 due to a misinterpretation of the maintenance rule performance criteria. The unavailability hours have been corrected.

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	1.0	1.0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1780.3	1923.3	2107.6	2209.0
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**0.9**	**1.7**	**1.7**

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	0	0	1.0	1.0	1.0
Critical hours	2159.0	2184.0	2208.0	2209.0	1780.3	1923.3	2107.6	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.9**	**1.7**	**2.6**

Licensee Comments:

3Q/14: Notice of Enforcement Discretion (NOED No. 14-2-03) dated August 27, 2014, was received by Plant Vogtle which allowed Unit 2 to continue operation beyond the Technical Specification limit for Unit shutdown to complete repairs on 2B Containment Spray Pump. An unplanned power change of greater than 20% would have been reported without this NOED from the NRC.

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	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/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	-5.99E-08	-3.07E-08	-2.57E-08	2.20E-08	1.59E-08	1.52E-08	1.66E-08	1.61E-08
URI (ΔCDF)	-3.50E-08	-3.14E-08	-2.48E-08	-3.88E-08	-1.90E-08	-1.48E-08	-8.43E-09	-9.39E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.50E-08**	**-6.20E-08**	**-5.00E-08**	**-1.70E-08**	**-3.20E-09**	**4.20E-10**	**8.20E-09**	**6.70E-09**

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/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	-6.15E-09	-6.15E-09	-6.15E-09	-6.15E-09	-2.31E-09	-2.10E-09	-1.87E-09	-1.32E-09
URI (ΔCDF)	-1.19E-08	-1.22E-08	-1.22E-08	-1.27E-08	-1.15E-08	-1.25E-08	-1.25E-08	-1.25E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.80E-08**	**-1.80E-08**	**-1.80E-08**	**-1.90E-08**	**-1.40E-08**	**-1.50E-08**	**-1.40E-08**	**-1.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	-9.08E-08	-9.09E-08	-8.94E-08	-8.29E-08	-5.91E-08	-5.37E-08	-5.35E-08	-5.19E-08
URI (ΔCDF)	-3.38E-07	-3.38E-07	-3.38E-07	-3.38E-07	-3.29E-07	-3.29E-07	-3.34E-07	-3.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.30E-07**	**-4.30E-07**	**-4.30E-07**	**-4.20E-07**	**-3.90E-07**	**-3.80E-07**	**-3.90E-07**	**-3.90E-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	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	2.79E-09	3.19E-09	3.69E-09	4.55E-09	-1.15E-08	-1.15E-08	-4.79E-09	-7.53E-09
URI (ΔCDF)	-4.01E-08	-4.02E-08	-4.03E-08	-4.04E-08	-4.03E-08	-4.44E-08	-4.44E-08	-4.43E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.70E-08**	**-3.70E-08**	**-3.70E-08**	**-3.60E-08**	**-5.20E-08**	**-5.60E-08**	**-4.90E-08**	**-5.20E-08**

Licensee Comments: none

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)	3.52E-08	3.45E-08	2.02E-08	9.15E-10	3.87E-07	3.90E-07	3.92E-07	3.92E-07
URI (ΔCDF)	-2.50E-08	-2.53E-08	-2.56E-08	-2.15E-08	4.09E-08	3.87E-08	3.97E-08	4.19E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.00E-08**	**9.20E-09**	**-5.40E-09**	**-2.10E-08**	**4.30E-07**	**4.30E-07**	**4.30E-07**	**4.30E-07**

Licensee Comments:

1Q/14: The number of unavailability hours has been corrected due to a misinterpretation of the maintenance rule performance criteria.

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	0.000030	0.000021	0.000021	0.000031	0.000033	0.000031	0.000024	0.000046	0.000034	0.000035	0.000046	0.000045
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	0.000027	0.000033	0.000040	0.000073	0.000157	0.000136	0.000132	0.000129	0.000128	0.000127	0.000126	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	**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	0.056	0.061	0.056	0.066	0.068	0.080	0.078	0.079	0.102	0.108	0.072	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	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.8**	**0.8**	**0.8**	**1.0**	**1.1**	**0.7**	**0.6**
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	0.097	0.077	0.070	0.144	0.137	0.147	0.154	0.169	0.161	0.176	0.158	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	**1.0**	**0.8**	**0.7**	**1.4**	**1.4**	**1.5**	**1.5**	**1.7**	**1.6**	**1.8**	**1.6**	**1.5**

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	67.0	71.0	53.0	37.0	46.0	31.0	28.0
Total opportunities	40.0	67.0	72.0	53.0	37.0	47.0	31.0	29.0
Indicator value	**95.3%**	**96.3%**	**97.1%**	**97.5%**	**97.6%**	**98.1%**	**98.9%**	**99.2%**

Licensee Comments: none

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	116.0	92.0	94.0	95.0	96.0	94.0	93.0	97.0
Total Key personnel	116.0	92.0	95.0	95.0	96.0	94.0	93.0	100.0
Indicator value	**100.0%**	**100.0%**	**98.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.0%**

Licensee Comments: none

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	564	611	658	611	610	610	611	610
Total sirens-tests	564	611	658	611	611	611	611	611
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**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	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

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

Last Modified: February 3, 2015

Vogtle 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	1.0	1.0	0	0
Critical hours	2184.0	2208.0	2209.0	1780.3	1923.3	2107.6	2209.0	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**1.7**	**1.7**	**1.7**

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	0	0	1.0	1.0	1.0	0
Critical hours	2184.0	2208.0	2209.0	1780.3	1923.3	2107.6	2209.0	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**1.7**	**2.6**	**2.5**

Licensee Comments:

3Q/14: Notice of Enforcement Discretion (NOED No. 14-2-03) dated August 27, 2014, was received by Plant Vogtle which allowed Unit 2 to continue operation beyond the Technical Specification limit for Unit shutdown to complete repairs on 2B Containment Spray Pump. An unplanned power change of greater than 20% would have been reported without this NOED from the NRC.

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	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/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	-3.07E-08	-2.57E-08	2.20E-08	1.59E-08	1.52E-08	1.66E-08	1.61E-08	3.13E-08
URI (ΔCDF)	-3.14E-08	-2.48E-08	-3.88E-08	-1.90E-08	-1.48E-08	-8.43E-09	-9.39E-09	2.94E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-08**	**-5.00E-08**	**-1.70E-08**	**-3.20E-09**	**4.20E-10**	**8.20E-09**	**6.70E-09**	**6.10E-08**

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/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	-6.15E-09	-6.15E-09	-6.15E-09	-2.31E-09	-2.10E-09	-1.87E-09	-1.32E-09	-7.84E-10
URI (ΔCDF)	-1.22E-08	-1.22E-08	-1.27E-08	-1.15E-08	-1.25E-08	-1.25E-08	-1.25E-08	-1.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.80E-08**	**-1.80E-08**	**-1.90E-08**	**-1.40E-08**	**-1.50E-08**	**-1.40E-08**	**-1.40E-08**	**-1.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	-9.09E-08	-8.94E-08	-8.29E-08	-5.91E-08	-5.37E-08	-5.35E-08	-5.19E-08	-5.27E-08
URI (ΔCDF)	-3.38E-07	-3.38E-07	-3.38E-07	-3.29E-07	-3.29E-07	-3.34E-07	-3.34E-07	-3.34E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.30E-07**	**-4.30E-07**	**-4.20E-07**	**-3.90E-07**	**-3.80E-07**	**-3.90E-07**	**-3.90E-07**	**-3.90E-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/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	3.19E-09	3.69E-09	4.55E-09	-1.15E-08	-1.15E-08	-4.79E-09	-7.53E-09	-7.50E-09
URI (ΔCDF)	-4.02E-08	-4.03E-08	-4.04E-08	-4.03E-08	-4.44E-08	-4.44E-08	-4.43E-08	-4.42E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.70E-08**	**-3.70E-08**	**-3.60E-08**	**-5.20E-08**	**-5.60E-08**	**-4.90E-08**	**-5.20E-08**	**-5.20E-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	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	3.45E-08	2.02E-08	9.15E-10	1.26E-10	5.25E-10	1.08E-09	1.08E-09	1.87E-08
URI (ΔCDF)	-2.53E-08	-2.56E-08	-2.15E-08	4.09E-08	3.87E-08	3.97E-08	4.19E-08	-1.86E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.20E-09**	**-5.40E-09**	**-2.10E-08**	**4.10E-08**	**3.90E-08**	**4.10E-08**	**4.30E-08**	**1.00E-10**

Licensee Comments:

1Q/14: After further analysis the system was determined to be inoperable but available. All success criteria was met during the LCO. Previously reported "Unplanned Unavailable Hours" have been removed.

1Q/14: The number of unavailability hours has been corrected due to a misinterpretation of the maintenance rule performance criteria.

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	0.000031	0.000033	0.000031	0.000024	0.000046	0.000034	0.000035	0.000046	0.000045	0.000027	0.000033	0.000040
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	0.000073	0.000157	0.000136	0.000132	0.000129	0.000128	0.000127	0.000126	0.000138	0.000137	0.000151	0.000148
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	0.066	0.068	0.080	0.078	0.079	0.102	0.108	0.072	0.058	0.097	0.077	0.070
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**	**0.8**	**0.8**	**0.8**	**1.0**	**1.1**	**0.7**	**0.6**	**1.0**	**0.8**	**0.7**
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	0.144	0.137	0.147	0.154	0.169	0.161	0.176	0.158	0.150	0.164	0.164	0.159
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**	**1.4**	**1.5**	**1.5**	**1.7**	**1.6**	**1.8**	**1.6**	**1.5**	**1.6**	**1.6**	**1.6**

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	67.0	71.0	53.0	37.0	46.0	31.0	28.0	56.0
Total opportunities	67.0	72.0	53.0	37.0	47.0	31.0	29.0	58.0
Indicator value	**96.3%**	**97.1%**	**97.5%**	**97.6%**	**98.1%**	**98.9%**	**99.2%**	**98.7%**

Licensee Comments: none

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	92.0	94.0	95.0	96.0	94.0	93.0	97.0	91.0
Total Key personnel	92.0	95.0	95.0	96.0	94.0	93.0	100.0	92.0
Indicator value	**100.0%**	**98.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.0%**	**98.9%**

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	611	658	611	610	610	611	610	611
Total sirens-tests	611	658	611	611	611	611	611	611
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.9%**	**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	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

Vogtle 1

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: The Unit 1 Reactor Coolant System Specific Activity or Dose Equivalent Iodine (DEI) was incorrectly determined for the months of November 2014 and January 2015. Procedural guidance has now been included to utilize the Minimal Detectable Activity if the sample results for applicable iodine isotopes in the DEI calculation are 0.00E+00 micro-curies/mL.

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	1.0	1.0	0	0	0
Critical hours	2208.0	2209.0	1780.3	1923.3	2107.6	2209.0	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0.9**	**1.7**	**1.7**	**1.7**	**0.8**

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	0	0	1.0	1.0	1.0	0	0
Critical hours	2208.0	2209.0	1780.3	1923.3	2107.6	2209.0	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0.9**	**1.7**	**2.6**	**2.5**	**1.6**

Licensee Comments:

3Q/14: Notice of Enforcement Discretion (NOED No. 14-2-03) dated August 27, 2014, was received by Plant Vogtle which allowed Unit 2 to continue operation beyond the Technical Specification limit for Unit shutdown to complete repairs on 2B Containment Spray Pump. An unplanned power change of greater than 20% would have been reported without this NOED from the NRC.

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	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/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	-2.57E-08	2.20E-08	1.59E-08	1.52E-08	1.66E-08	1.61E-08	3.13E-08	2.65E-08
URI (ΔCDF)	-2.48E-08	-3.88E-08	-1.90E-08	-1.48E-08	-8.43E-09	-9.39E-09	2.94E-08	-3.72E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.00E-08**	**-1.70E-08**	**-3.20E-09**	**4.20E-10**	**8.20E-09**	**6.70E-09**	**6.10E-08**	**-3.50E-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/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	-6.15E-09	-6.15E-09	-2.31E-09	-2.10E-09	-1.87E-09	-1.32E-09	-7.84E-10	3.91E-09
URI (ΔCDF)	-1.22E-08	-1.27E-08	-1.15E-08	-1.25E-08	-1.25E-08	-1.25E-08	-1.26E-08	-1.27E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.80E-08**	**-1.90E-08**	**-1.40E-08**	**-1.50E-08**	**-1.40E-08**	**-1.40E-08**	**-1.30E-08**	**-8.80E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	-8.94E-08	-8.29E-08	-5.91E-08	-5.37E-08	-5.35E-08	-5.19E-08	-5.27E-08	-4.38E-08
URI (ΔCDF)	-3.38E-07	-3.38E-07	-3.29E-07	-3.29E-07	-3.34E-07	-3.34E-07	-3.34E-07	-3.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.30E-07**	**-4.20E-07**	**-3.90E-07**	**-3.80E-07**	**-3.90E-07**	**-3.90E-07**	**-3.90E-07**	**-3.70E-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	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	3.69E-09	4.55E-09	-1.15E-08	-1.15E-08	-4.79E-09	-7.53E-09	-7.50E-09	-7.48E-09
URI (ΔCDF)	-4.03E-08	-4.04E-08	-4.03E-08	-4.44E-08	-4.44E-08	-4.43E-08	-4.42E-08	-4.42E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.70E-08**	**-3.60E-08**	**-5.20E-08**	**-5.60E-08**	**-4.90E-08**	**-5.20E-08**	**-5.20E-08**	**-5.20E-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	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	2.02E-08	9.15E-10	1.26E-10	5.25E-10	1.08E-09	1.08E-09	1.87E-08	2.34E-07
URI (ΔCDF)	-2.56E-08	-2.15E-08	4.09E-08	3.87E-08	3.97E-08	4.19E-08	-1.86E-08	-1.87E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.40E-09**	**-2.10E-08**	**4.10E-08**	**3.90E-08**	**4.10E-08**	**4.30E-08**	**1.00E-10**	**2.20E-07**

Licensee Comments:

1Q/14: After further analysis the system was determined to be inoperable but available. All success criteria was met during the LCO. Previously reported "Unplanned Unavailable Hours" have been removed.

1Q/14: The number of unavailability hours has been corrected due to a misinterpretation of the maintenance rule performance criteria.

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	0.000024	0.000046	0.000034	0.000035	0.000046	0.000045	0.000027	0.000033	0.000040	0.000073	0.000157	0.000136
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	0.000132	0.000129	0.000128	0.000127	0.000172	0.000138	0.000148	0.000151	0.000148	0.000172	0.000151	0.000169
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	0.078	0.079	0.102	0.108	0.072	0.058	0.097	0.077	0.070	0.144	0.137	0.147
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**	**0.8**	**1.0**	**1.1**	**0.7**	**0.6**	**1.0**	**0.8**	**0.7**	**1.4**	**1.4**	**1.5**
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	0.154	0.169	0.161	0.176	0.158	0.150	0.164	0.164	0.159	0.147	0.156	0.113
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**	**1.7**	**1.6**	**1.8**	**1.6**	**1.5**	**1.6**	**1.6**	**1.6**	**1.5**	**1.6**	**1.1**

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	71.0	53.0	37.0	46.0	31.0	29.0	56.0	34.0
Total opportunities	72.0	53.0	37.0	47.0	31.0	30.0	58.0	34.0
Indicator value	**97.1%**	**97.5%**	**97.6%**	**98.1%**	**98.9%**	**99.2%**	**98.7%**	**98.6%**

Licensee Comments: none

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	94.0	95.0	96.0	94.0	93.0	97.0	91.0	97.0
Total Key personnel	95.0	95.0	96.0	94.0	93.0	100.0	92.0	97.0
Indicator value	**98.9%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.0%**	**98.9%**	**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	658	611	610	610	611	610	611	611
Total sirens-tests	658	611	611	611	611	611	611	611
Indicator value	**100.0%**	**100.0%**	**100.0%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**

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 27, 2015

Vogtle 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	1.0	1.0	0	0	0	0
Critical hours	2209.0	1780.3	1923.3	2107.6	2209.0	2159.0	2184.0	1948.9
Indicator value	**0**	**0**	**0.9**	**1.7**	**1.7**	**1.7**	**0.8**	**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	0	0	1.0	1.0	1.0	0	0	0
Critical hours	2209.0	1780.3	1923.3	2107.6	2209.0	2159.0	2184.0	1948.9
Indicator value	**0**	**0**	**0.9**	**1.7**	**2.6**	**2.5**	**1.6**	**0.8**

Licensee Comments:

3Q/14: Notice of Enforcement Discretion (NOED No. 14-2-03) dated August 27, 2014, was received by Plant Vogtle which allowed Unit 2 to continue operation beyond the Technical Specification limit for Unit shutdown to complete repairs on 2B Containment Spray Pump. An unplanned power change of greater than 20% would have been reported without this NOED from the NRC.

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	**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/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	2.20E-08	1.59E-08	1.52E-08	1.66E-08	1.61E-08	3.13E-08	2.65E-08	2.51E-08
URI (ΔCDF)	-3.88E-08	-1.90E-08	-1.48E-08	-8.43E-09	-9.39E-09	2.94E-08	-3.72E-07	-3.67E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.70E-08**	**-3.20E-09**	**4.20E-10**	**8.20E-09**	**6.70E-09**	**6.10E-08**	**-3.50E-07**	**-3.40E-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	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	-6.15E-09	-2.31E-09	-2.10E-09	-1.87E-09	-1.32E-09	-7.84E-10	3.91E-09	-4.35E-09
URI (ΔCDF)	-1.27E-08	-1.15E-08	-1.25E-08	-1.25E-08	-1.25E-08	-1.26E-08	-1.27E-08	-1.31E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-08**	**-1.40E-08**	**-1.50E-08**	**-1.40E-08**	**-1.40E-08**	**-1.30E-08**	**-8.80E-09**	**-1.70E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	-8.29E-08	-5.91E-08	-5.37E-08	-5.35E-08	-5.19E-08	-5.27E-08	-4.38E-08	-7.53E-08
URI (ΔCDF)	-3.38E-07	-3.29E-07	-3.29E-07	-3.34E-07	-3.34E-07	-3.34E-07	-3.30E-07	2.55E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.20E-07**	**-3.90E-07**	**-3.80E-07**	**-3.90E-07**	**-3.90E-07**	**-3.90E-07**	**-3.70E-07**	**1.80E-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/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	4.55E-09	-1.15E-08	-1.15E-08	-4.79E-09	-7.53E-09	-7.50E-09	-7.48E-09	4.43E-08
URI (ΔCDF)	-4.04E-08	-4.03E-08	-4.44E-08	-4.44E-08	-4.43E-08	-4.42E-08	-4.42E-08	-4.26E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.60E-08**	**-5.20E-08**	**-5.60E-08**	**-4.90E-08**	**-5.20E-08**	**-5.20E-08**	**-5.20E-08**	**1.70E-09**

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)	9.15E-10	1.26E-10	5.25E-10	1.08E-09	1.08E-09	1.87E-08	2.34E-07	2.33E-07
URI (ΔCDF)	-2.15E-08	4.09E-08	3.87E-08	3.97E-08	4.19E-08	-1.86E-08	-1.87E-08	-1.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-08**	**4.10E-08**	**3.90E-08**	**4.10E-08**	**4.30E-08**	**1.00E-10**	**2.20E-07**	**2.10E-07**

Licensee Comments:

1Q/14: After further analysis the system was determined to be inoperable but available. All success criteria was met during the LCO. Previously reported "Unplanned Unavailable Hours" have been removed.

1Q/14: The number of unavailability hours has been corrected due to a misinterpretation of the maintenance rule performance criteria.

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	0.000035	0.000046	0.000045	0.000027	0.000033	0.000040	0.000073	0.000157	0.000136	0.000132	0.000129	0.000128
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	0.000127	0.000172	0.000138	0.000148	0.000151	0.000148	0.000172	0.000151	0.000169	0.000169	0.000176	0.000623
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**	**0.1**

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	0.108	0.072	0.058	0.097	0.077	0.070	0.144	0.137	0.147	0.154	0.169	0.161
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**	**0.6**	**1.0**	**0.8**	**0.7**	**1.4**	**1.4**	**1.5**	**1.5**	**1.7**	**1.6**
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	0.176	0.158	0.150	0.164	0.164	0.159	0.147	0.156	0.113	0.122	0.148	0.152
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**	**1.6**	**1.5**	**1.6**	**1.6**	**1.6**	**1.5**	**1.6**	**1.1**	**1.2**	**1.5**	**1.5**

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	53.0	37.0	46.0	31.0	29.0	56.0	34.0	38.0
Total opportunities	53.0	37.0	47.0	31.0	30.0	58.0	34.0	42.0
Indicator value	**97.5%**	**97.6%**	**98.1%**	**98.9%**	**99.2%**	**98.7%**	**98.6%**	**97.6%**

Licensee Comments: none

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	95.0	96.0	94.0	93.0	97.0	91.0	97.0	95.0
Total Key personnel	95.0	96.0	94.0	93.0	100.0	92.0	97.0	96.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.0%**	**98.9%**	**100.0%**	**99.0%**

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	611	610	610	611	610	611	611	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**100.0%**	**100.0%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

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

Vogtle 1

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: MSPI changes are applied to 4th quarter data as a result of revision to the internal events PRA model. The PRA model revisions included incorporation of RCP shutdown seals. MSPI basis document revision performed and data applied to 4th quarter consistent with NEI 99-02 requirements.

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	1.0	1.0	0	0	0	0	0
Critical hours	1780.3	1923.3	2107.6	2209.0	2159.0	2184.0	1948.9	1687.2
Indicator value	**0**	**0.9**	**1.7**	**1.7**	**1.7**	**0.8**	**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	1.0	1.0	1.0	0	0	0	1.0
Critical hours	1780.3	1923.3	2107.6	2209.0	2159.0	2184.0	1948.9	1687.2
Indicator value	**0**	**0.9**	**1.7**	**2.6**	**2.5**	**1.6**	**0.8**	**0.9**

Licensee Comments:

3Q/14: Notice of Enforcement Discretion (NOED No. 14-2-03) dated August 27, 2014, was received by Plant Vogtle which allowed Unit 2 to continue operation beyond the Technical Specification limit for Unit shutdown to complete repairs on 2B Containment Spray Pump. An unplanned power change of greater than 20% would have been reported without this NOED from the NRC.

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	**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/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	1.59E-08	1.52E-08	1.66E-08	1.61E-08	3.13E-08	2.65E-08	2.51E-08	4.21E-08
URI (ΔCDF)	-1.90E-08	-1.48E-08	-8.43E-09	-9.39E-09	2.94E-08	-3.72E-07	-3.67E-07	-2.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.20E-09**	**4.20E-10**	**8.20E-09**	**6.70E-09**	**6.10E-08**	**-3.50E-07**	**-3.40E-07**	**-1.70E-07**

Licensee Comments:

4Q/15: 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/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	-2.31E-09	-2.10E-09	-1.87E-09	-1.32E-09	-7.84E-10	3.91E-09	-4.35E-09	-2.10E-09
URI (ΔCDF)	-1.15E-08	-1.25E-08	-1.25E-08	-1.25E-08	-1.26E-08	-1.27E-08	-1.31E-08	-6.91E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-08**	**-1.50E-08**	**-1.40E-08**	**-1.40E-08**	**-1.30E-08**	**-8.80E-09**	**-1.70E-08**	**-9.00E-09**

Licensee Comments:

4Q/15: 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/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	-5.91E-08	-5.37E-08	-5.35E-08	-5.19E-08	-5.27E-08	-4.38E-08	-7.53E-08	-3.27E-08
URI (ΔCDF)	-3.29E-07	-3.29E-07	-3.34E-07	-3.34E-07	-3.34E-07	-3.30E-07	2.55E-07	2.59E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.90E-07**	**-3.80E-07**	**-3.90E-07**	**-3.90E-07**	**-3.90E-07**	**-3.70E-07**	**1.80E-07**	**2.30E-07**

Licensee Comments:

4Q/15: 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/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	-1.15E-08	-1.15E-08	-4.79E-09	-7.53E-09	-7.50E-09	-7.48E-09	4.43E-08	2.39E-08
URI (ΔCDF)	-4.03E-08	-4.44E-08	-4.44E-08	-4.43E-08	-4.42E-08	-4.42E-08	-4.26E-08	-2.41E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.20E-08**	**-5.60E-08**	**-4.90E-08**	**-5.20E-08**	**-5.20E-08**	**-5.20E-08**	**1.70E-09**	**-2.40E-10**

Licensee Comments:

4Q/15: 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	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	1.26E-10	5.25E-10	1.08E-09	1.08E-09	1.87E-08	2.34E-07	2.33E-07	3.66E-08
URI (ΔCDF)	4.09E-08	3.87E-08	3.97E-08	4.19E-08	-1.86E-08	-1.87E-08	-1.82E-08	-7.33E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.10E-08**	**3.90E-08**	**4.10E-08**	**4.30E-08**	**1.00E-10**	**2.20E-07**	**2.10E-07**	**2.90E-08**

Licensee Comments:

4Q/15: Changed PRA Parameter(s).

1Q/14: After further analysis the system was determined to be inoperable but available. All success criteria was met during the LCO. Previously reported "Unplanned Unavailable Hours" have been removed.

1Q/14: The number of unavailability hours has been corrected due to a misinterpretation of the maintenance rule performance criteria.

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	0.000027	0.000033	0.000040	0.000073	0.000157	0.000136	0.000132	0.000129	0.000128	0.000127	0.000172	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	**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	0.000148	0.000151	0.000148	0.000172	0.000151	0.000169	0.000169	0.000176	0.000623	0.000040	0.000096	0.000090
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**	**0.1**	**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	0.097	0.077	0.070	0.144	0.137	0.147	0.154	0.169	0.161	0.176	0.158	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	**1.0**	**0.8**	**0.7**	**1.4**	**1.4**	**1.5**	**1.5**	**1.7**	**1.6**	**1.8**	**1.6**	**1.5**
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	0.164	0.164	0.159	0.147	0.156	0.113	0.122	0.148	0.152	0.076	0.071	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	**1.6**	**1.6**	**1.6**	**1.5**	**1.6**	**1.1**	**1.2**	**1.5**	**1.5**	**0.8**	**0.7**	**0.9**

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	37.0	46.0	31.0	29.0	56.0	36.0	34.0	20.0
Total opportunities	37.0	47.0	31.0	30.0	58.0	36.0	38.0	20.0
Indicator value	**97.6%**	**98.1%**	**98.9%**	**99.2%**	**98.7%**	**98.6%**	**97.6%**	**97.3%**

Licensee Comments:

3Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

2Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

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	96.0	94.0	93.0	97.0	91.0	97.0	96.0	93.0
Total Key personnel	96.0	94.0	93.0	100.0	92.0	97.0	96.0	95.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**97.0%**	**98.9%**	**100.0%**	**100.0%**	**97.9%**

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	610	610	611	610	611	611	610	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**100.0%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**99.9%**	**100.0%**

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

Vogtle 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	1.0	1.0	0	0	0	0	0	0
Critical hours	1923.3	2107.6	2209.0	2159.0	2184.0	1948.9	1687.2	2183.0
Indicator value	**0.9**	**1.7**	**1.7**	**1.7**	**0.8**	**0**	**0**	**0**

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	1.0	1.0	1.0	0	0	0	1.0	0
Critical hours	1923.3	2107.6	2209.0	2159.0	2184.0	1948.9	1687.2	2183.0
Indicator value	**0.9**	**1.7**	**2.6**	**2.5**	**1.6**	**0.8**	**0.9**	**0.9**

Licensee Comments:

3Q/14: Notice of Enforcement Discretion (NOED No. 14-2-03) dated August 27, 2014, was received by Plant Vogtle which allowed Unit 2 to continue operation beyond the Technical Specification limit for Unit shutdown to complete repairs on 2B Containment Spray Pump. An unplanned power change of greater than 20% would have been reported without this NOED from the NRC.

Unplanned Scrams with Complications

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	**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/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	1.52E-08	1.66E-08	1.61E-08	3.13E-08	2.65E-08	2.51E-08	4.21E-08	4.23E-08
URI (ΔCDF)	-1.48E-08	-8.43E-09	-9.39E-09	2.94E-08	-3.72E-07	-3.67E-07	-2.13E-07	-2.13E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.20E-10**	**8.20E-09**	**6.70E-09**	**6.10E-08**	**-3.50E-07**	**-3.40E-07**	**-1.70E-07**	**-1.70E-07**

Licensee Comments:

4Q/15: 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)	-2.10E-09	-1.87E-09	-1.32E-09	-7.84E-10	3.91E-09	-4.35E-09	-2.10E-09	-2.10E-09
URI (ΔCDF)	-1.25E-08	-1.25E-08	-1.25E-08	-1.26E-08	-1.27E-08	-1.31E-08	-6.91E-09	-6.86E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-08**	**-1.40E-08**	**-1.40E-08**	**-1.30E-08**	**-8.80E-09**	**-1.70E-08**	**-9.00E-09**	**-9.00E-09**

Licensee Comments:

4Q/15: 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	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	-5.37E-08	-5.35E-08	-5.19E-08	-5.27E-08	-4.38E-08	-7.53E-08	-3.27E-08	-3.26E-08
URI (ΔCDF)	-3.29E-07	-3.34E-07	-3.34E-07	-3.34E-07	-3.30E-07	2.55E-07	2.59E-07	2.59E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.80E-07**	**-3.90E-07**	**-3.90E-07**	**-3.90E-07**	**-3.70E-07**	**1.80E-07**	**2.30E-07**	**2.30E-07**

Licensee Comments:

4Q/15: 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/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	-1.15E-08	-4.79E-09	-7.53E-09	-7.50E-09	-7.48E-09	4.43E-08	2.39E-08	2.57E-08
URI (ΔCDF)	-4.44E-08	-4.44E-08	-4.43E-08	-4.42E-08	-4.42E-08	-4.26E-08	-2.41E-08	-2.41E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-08**	**-4.90E-08**	**-5.20E-08**	**-5.20E-08**	**-5.20E-08**	**1.70E-09**	**-2.40E-10**	**1.50E-09**

Licensee Comments:

4Q/15: 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/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	5.25E-10	1.08E-09	1.08E-09	1.87E-08	2.34E-07	2.33E-07	3.66E-08	3.66E-08
URI (ΔCDF)	3.87E-08	3.97E-08	4.19E-08	-1.86E-08	-1.87E-08	-1.82E-08	-7.33E-09	-7.24E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.90E-08**	**4.10E-08**	**4.30E-08**	**1.00E-10**	**2.20E-07**	**2.10E-07**	**2.90E-08**	**2.90E-08**

Licensee Comments:

4Q/15: Changed PRA Parameter(s).

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	0.000073	0.000157	0.000136	0.000132	0.000129	0.000128	0.000127	0.000172	0.000138	0.000148	0.000151	0.000148
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	0.000172	0.000151	0.000169	0.000169	0.000176	0.000623	0.000040	0.000096	0.000090	0.000079	0.000094	0.000097
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**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

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	0.144	0.137	0.147	0.154	0.169	0.161	0.176	0.158	0.150	0.164	0.164	0.159
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**	**1.4**	**1.5**	**1.5**	**1.7**	**1.6**	**1.8**	**1.6**	**1.5**	**1.6**	**1.6**	**1.6**
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	0.147	0.156	0.113	0.122	0.148	0.152	0.076	0.071	0.085	0.083	0.096	0.095
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**	**1.6**	**1.1**	**1.2**	**1.5**	**1.5**	**0.8**	**0.7**	**0.9**	**0.8**	**1.0**	**1.0**

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	46.0	31.0	29.0	56.0	38.0	34.0	20.0	46.0
Total opportunities	47.0	31.0	30.0	58.0	38.0	38.0	20.0	46.0
Indicator value	**98.1%**	**98.9%**	**99.2%**	**98.7%**	**98.6%**	**97.6%**	**97.3%**	**97.4%**

Licensee Comments:

3Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

2Q/15: Drill and Exercise Performance data has been revised. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

2Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

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	94.0	93.0	97.0	91.0	97.0	96.0	93.0	89.0
Total Key personnel	94.0	93.0	100.0	92.0	97.0	96.0	95.0	89.0
Indicator value	**100.0%**	**100.0%**	**97.0%**	**98.9%**	**100.0%**	**100.0%**	**97.9%**	**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	610	611	610	611	611	610	609	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments:

4Q/15: Two siren-tests determined to be unsuccessful upon review by Emergency Planning. This does not affect the indicator color.

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

Vogtle 1

2Q/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	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2107.6	2209.0	2159.0	2184.0	1948.9	1687.2	2183.0	2184.0
Indicator value	**1.7**	**1.7**	**1.7**	**0.8**	**0**	**0**	**0**	**0**

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	1.0	1.0	0	0	0	1.0	0	0
Critical hours	2107.6	2209.0	2159.0	2184.0	1948.9	1687.2	2183.0	2184.0
Indicator value	**1.7**	**2.6**	**2.5**	**1.6**	**0.8**	**0.9**	**0.9**	**0.9**

Licensee Comments:

3Q/14: Notice of Enforcement Discretion (NOED No. 14-2-03) dated August 27, 2014, was received by Plant Vogtle which allowed Unit 2 to continue operation beyond the Technical Specification limit for Unit shutdown to complete repairs on 2B Containment Spray Pump. An unplanned power change of greater than 20% would have been reported without this NOED from the NRC.

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)	1.66E-08	1.61E-08	3.13E-08	2.65E-08	2.51E-08	4.21E-08	4.23E-08	3.23E-08
URI (ΔCDF)	-8.43E-09	-9.39E-09	2.94E-08	-3.72E-07	-3.67E-07	-2.13E-07	-2.13E-07	-2.14E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.20E-09**	**6.70E-09**	**6.10E-08**	**-3.50E-07**	**-3.40E-07**	**-1.70E-07**	**-1.70E-07**	**-1.80E-07**

Licensee Comments:

4Q/15: 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)	-1.87E-09	-1.32E-09	-7.84E-10	3.91E-09	-4.35E-09	-2.10E-09	-2.10E-09	-2.10E-09
URI (ΔCDF)	-1.25E-08	-1.25E-08	-1.26E-08	-1.27E-08	-1.31E-08	-6.91E-09	-6.86E-09	-6.53E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-08**	**-1.40E-08**	**-1.30E-08**	**-8.80E-09**	**-1.70E-08**	**-9.00E-09**	**-9.00E-09**	**-8.60E-09**

Licensee Comments:

4Q/15: 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	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	-5.35E-08	-5.19E-08	-5.27E-08	-4.38E-08	-7.53E-08	-3.27E-08	-3.26E-08	-3.22E-08
URI (ΔCDF)	-3.34E-07	-3.34E-07	-3.34E-07	-3.30E-07	2.55E-07	2.59E-07	2.59E-07	2.59E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.90E-07**	**-3.90E-07**	**-3.90E-07**	**-3.70E-07**	**1.80E-07**	**2.30E-07**	**2.30E-07**	**2.30E-07**

Licensee Comments:

4Q/15: 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	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	-4.79E-09	-7.53E-09	-7.50E-09	-7.48E-09	4.43E-08	2.39E-08	2.57E-08	2.61E-08
URI (ΔCDF)	-4.44E-08	-4.43E-08	-4.42E-08	-4.42E-08	-4.26E-08	-2.41E-08	-2.41E-08	-2.41E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-08**	**-5.20E-08**	**-5.20E-08**	**-5.20E-08**	**1.70E-09**	**-2.40E-10**	**1.50E-09**	**1.90E-09**

Licensee Comments:

4Q/15: 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	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	1.08E-09	1.08E-09	1.87E-08	2.34E-07	2.33E-07	3.66E-08	3.66E-08	3.66E-08
URI (ΔCDF)	3.97E-08	4.19E-08	-1.86E-08	-1.87E-08	-1.82E-08	-7.33E-09	-7.24E-09	-7.14E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.10E-08**	**4.30E-08**	**1.00E-10**	**2.20E-07**	**2.10E-07**	**2.90E-08**	**2.90E-08**	**2.90E-08**

Licensee Comments:

4Q/15: Changed PRA Parameter(s).

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	0.000132	0.000129	0.000128	0.000127	0.000172	0.000138	0.000148	0.000151	0.000148	0.000172	0.000151	0.000169
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	0.000169	0.000176	0.000623	0.000040	0.000096	0.000090	0.000079	0.000094	0.000097	0.000078	0.000068	0.000093
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**	**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	0.154	0.169	0.161	0.176	0.158	0.150	0.164	0.164	0.159	0.147	0.156	0.113
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**	**1.7**	**1.6**	**1.8**	**1.6**	**1.5**	**1.6**	**1.6**	**1.6**	**1.5**	**1.6**	**1.1**
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	0.122	0.148	0.152	0.076	0.071	0.085	0.083	0.096	0.095	0.098	0.104	0.117
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**	**1.5**	**1.5**	**0.8**	**0.7**	**0.9**	**0.8**	**1.0**	**1.0**	**1.0**	**1.0**	**1.2**

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	31.0	29.0	56.0	38.0	34.0	20.0	46.0	93.0
Total opportunities	31.0	30.0	58.0	38.0	38.0	20.0	46.0	94.0
Indicator value	**98.9%**	**99.2%**	**98.7%**	**98.6%**	**97.6%**	**97.3%**	**97.4%**	**97.7%**

Licensee Comments:

3Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

2Q/15: Drill and Exercise Performance data has been revised. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

2Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

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	93.0	97.0	91.0	97.0	96.0	93.0	89.0	92.0
Total Key personnel	93.0	100.0	92.0	97.0	96.0	95.0	89.0	96.0
Indicator value	**100.0%**	**97.0%**	**98.9%**	**100.0%**	**100.0%**	**97.9%**	**100.0%**	**95.8%**

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	611	610	611	611	610	609	611	608
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.9%**	**99.9%**	**99.9%**	**100.0%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**

Licensee Comments:

4Q/15: Two siren-tests determined to be unsuccessful upon review by Emergency Planning. This does not affect the indicator color.

Occupational Exposure Control Effectiveness

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

Vogtle 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	0	0	0
Critical hours	2209.0	2159.0	2184.0	1948.9	1687.2	2183.0	2184.0	2208.0
Indicator value	**1.7**	**1.7**	**0.8**	**0**	**0**	**0**	**0**	**0**

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	1.0	0	0	0	1.0	0	0	0
Critical hours	2209.0	2159.0	2184.0	1948.9	1687.2	2183.0	2184.0	2208.0
Indicator value	**2.6**	**2.5**	**1.6**	**0.8**	**0.9**	**0.9**	**0.9**	**0.8**

Licensee Comments: none

Unplanned Scrams with Complications

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)	1.61E-08	3.13E-08	2.65E-08	2.51E-08	4.21E-08	4.23E-08	3.23E-08	2.87E-08
URI (ΔCDF)	-9.39E-09	2.94E-08	-3.72E-07	-3.67E-07	-2.13E-07	-2.13E-07	-2.14E-07	-2.29E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.70E-09**	**6.10E-08**	**-3.50E-07**	**-3.40E-07**	**-1.70E-07**	**-1.70E-07**	**-1.80E-07**	**-2.00E-07**

Licensee Comments:

4Q/15: 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/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	-1.32E-09	-7.84E-10	3.91E-09	-4.35E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.17E-09
URI (ΔCDF)	-1.25E-08	-1.26E-08	-1.27E-08	-1.31E-08	-6.91E-09	-6.86E-09	-6.53E-09	-6.39E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-08**	**-1.30E-08**	**-8.80E-09**	**-1.70E-08**	**-9.00E-09**	**-9.00E-09**	**-8.60E-09**	**-8.60E-09**

Licensee Comments:

4Q/15: 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)	-5.19E-08	-5.27E-08	-4.38E-08	-7.53E-08	-3.27E-08	-3.26E-08	-3.22E-08	-3.23E-08
URI (ΔCDF)	-3.34E-07	-3.34E-07	-3.30E-07	2.55E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.90E-07**	**-3.90E-07**	**-3.70E-07**	**1.80E-07**	**2.30E-07**	**2.30E-07**	**2.30E-07**	**2.30E-07**

Licensee Comments:

4Q/15: 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)	-7.53E-09	-7.50E-09	-7.48E-09	4.43E-08	2.39E-08	2.57E-08	2.61E-08	2.58E-08
URI (ΔCDF)	-4.43E-08	-4.42E-08	-4.42E-08	-4.26E-08	-2.41E-08	-2.41E-08	-2.41E-08	-2.41E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.20E-08**	**-5.20E-08**	**-5.20E-08**	**1.70E-09**	**-2.40E-10**	**1.50E-09**	**1.90E-09**	**1.70E-09**

Licensee Comments:

4Q/15: 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)	1.08E-09	1.87E-08	2.34E-07	2.33E-07	3.66E-08	3.66E-08	3.66E-08	3.00E-08
URI (ΔCDF)	4.19E-08	-1.86E-08	-1.87E-08	-1.82E-08	-7.33E-09	-7.24E-09	-7.14E-09	-7.22E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.30E-08**	**1.00E-10**	**2.20E-07**	**2.10E-07**	**2.90E-08**	**2.90E-08**	**2.90E-08**	**2.30E-08**

Licensee Comments:

4Q/15: 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	0.000127	0.000172	0.000138	0.000148	0.000151	0.000148	0.000172	0.000151	0.000169	0.000169	0.000176	0.000623
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**	**0.1**
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	0.000040	0.000096	0.000090	0.000079	0.000094	0.000097	0.000078	0.000068	0.000093	0.000081	0.000092	0.000032
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	0.176	0.158	0.150	0.164	0.164	0.159	0.147	0.156	0.113	0.122	0.148	0.152
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**	**1.6**	**1.5**	**1.6**	**1.6**	**1.6**	**1.5**	**1.6**	**1.1**	**1.2**	**1.5**	**1.5**
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	0.076	0.071	0.085	0.083	0.096	0.095	0.098	0.104	0.117	0.121	0.131	0.115
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**	**0.7**	**0.9**	**0.8**	**1.0**	**1.0**	**1.0**	**1.0**	**1.2**	**1.2**	**1.3**	**1.2**

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	29.0	56.0	38.0	34.0	20.0	46.0	93.0	57.0
Total opportunities	30.0	58.0	38.0	38.0	20.0	46.0	94.0	58.0
Indicator value	**99.2%**	**98.7%**	**98.6%**	**97.6%**	**97.3%**	**97.4%**	**97.7%**	**97.6%**

Licensee Comments:

3Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

2Q/15: Drill and Exercise Performance data has been revised. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

2Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

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	97.0	91.0	97.0	96.0	93.0	89.0	92.0	96.0
Total Key personnel	100.0	92.0	97.0	96.0	95.0	89.0	96.0	96.0
Indicator value	**97.0%**	**98.9%**	**100.0%**	**100.0%**	**97.9%**	**100.0%**	**95.8%**	**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	610	611	611	610	609	611	608	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.9%**	**99.9%**	**100.0%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**

Licensee Comments:

4Q/15: Two siren-tests determined to be unsuccessful upon review by Emergency Planning. This does not affect the indicator color.

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

Vogtle 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	0	0	0	0
Critical hours	2159.0	2184.0	1948.9	1687.2	2183.0	2184.0	2208.0	2209.0
Indicator value	**1.7**	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**

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	1.0	0	0	0	0
Critical hours	2159.0	2184.0	1948.9	1687.2	2183.0	2184.0	2208.0	2209.0
Indicator value	**2.5**	**1.6**	**0.8**	**0.9**	**0.9**	**0.9**	**0.8**	**0**

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)	3.13E-08	2.65E-08	2.51E-08	4.21E-08	4.23E-08	3.23E-08	2.87E-08	3.78E-09
URI (ΔCDF)	2.94E-08	-3.72E-07	-3.67E-07	-2.13E-07	-2.13E-07	-2.14E-07	-2.29E-07	-2.11E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.10E-08**	**-3.50E-07**	**-3.40E-07**	**-1.70E-07**	**-1.70E-07**	**-1.80E-07**	**-2.00E-07**	**-2.10E-07**

Licensee Comments:

4Q/15: 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/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	-7.84E-10	3.91E-09	-4.35E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.17E-09	-2.45E-09
URI (ΔCDF)	-1.26E-08	-1.27E-08	-1.31E-08	-6.91E-09	-6.86E-09	-6.53E-09	-6.39E-09	-6.00E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-8.80E-09**	**-1.70E-08**	**-9.00E-09**	**-9.00E-09**	**-8.60E-09**	**-8.60E-09**	**-8.50E-09**

Licensee Comments:

4Q/15: 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/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	-5.27E-08	-4.38E-08	-7.53E-08	-3.27E-08	-3.26E-08	-3.22E-08	-3.23E-08	-3.73E-08
URI (ΔCDF)	-3.34E-07	-3.30E-07	2.55E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.90E-07**	**-3.70E-07**	**1.80E-07**	**2.30E-07**	**2.30E-07**	**2.30E-07**	**2.30E-07**	**2.20E-07**

Licensee Comments:

4Q/15: 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)	-7.50E-09	-7.48E-09	4.43E-08	2.39E-08	2.57E-08	2.61E-08	2.58E-08	2.52E-08
URI (ΔCDF)	-4.42E-08	-4.42E-08	-4.26E-08	-2.41E-08	-2.41E-08	-2.41E-08	-2.41E-08	-2.41E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.20E-08**	**-5.20E-08**	**1.70E-09**	**-2.40E-10**	**1.50E-09**	**1.90E-09**	**1.70E-09**	**1.10E-09**

Licensee Comments:

4Q/15: 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	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	1.87E-08	2.34E-07	2.33E-07	3.66E-08	3.66E-08	3.66E-08	3.00E-08	3.00E-08
URI (ΔCDF)	-1.86E-08	-1.87E-08	-1.82E-08	-7.33E-09	-7.24E-09	-7.14E-09	-7.22E-09	-7.43E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.00E-10**	**2.20E-07**	**2.10E-07**	**2.90E-08**	**2.90E-08**	**2.90E-08**	**2.30E-08**	**2.30E-08**

Licensee Comments:

4Q/15: 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	0.000148	0.000151	0.000148	0.000172	0.000151	0.000169	0.000169	0.000176	0.000623	0.000040	0.000096	0.000090
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**	**0.1**	**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	0.000079	0.000094	0.000097	0.000078	0.000068	0.000093	0.000081	0.000092	0.000032	0.000100	0.000549	0.000116
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	**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	0.164	0.164	0.159	0.147	0.156	0.113	0.122	0.148	0.152	0.076	0.071	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	**1.6**	**1.6**	**1.6**	**1.5**	**1.6**	**1.1**	**1.2**	**1.5**	**1.5**	**0.8**	**0.7**	**0.9**
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	0.083	0.096	0.095	0.098	0.104	0.117	0.121	0.131	0.115	0.115	0.141	0.125
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**	**1.0**	**1.0**	**1.0**	**1.0**	**1.2**	**1.2**	**1.3**	**1.2**	**1.2**	**1.4**	**1.3**

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	56.0	38.0	34.0	20.0	46.0	93.0	57.0	27.0
Total opportunities	58.0	38.0	38.0	20.0	46.0	94.0	58.0	28.0
Indicator value	**98.7%**	**98.6%**	**97.6%**	**97.3%**	**97.4%**	**97.7%**	**97.6%**	**97.6%**

Licensee Comments:

3Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

2Q/15: Drill and Exercise Performance data has been revised. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

2Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

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	91.0	97.0	96.0	93.0	89.0	92.0	96.0	105.0
Total Key personnel	92.0	97.0	96.0	95.0	89.0	96.0	96.0	105.0
Indicator value	**98.9%**	**100.0%**	**100.0%**	**97.9%**	**100.0%**	**95.8%**	**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	611	611	610	609	611	608	610	609
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.9%**	**100.0%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments:

4Q/15: Two siren-tests determined to be unsuccessful upon review by Emergency Planning. This does not affect the indicator color.

Occupational Exposure Control Effectiveness

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

Vogtle 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	0	0	0	0	1.0
Critical hours	2184.0	1948.9	1687.2	2183.0	2184.0	2208.0	2209.0	1611.2
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**

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	1.0	0	0	0	0	0
Critical hours	2184.0	1948.9	1687.2	2183.0	2184.0	2208.0	2209.0	1611.2
Indicator value	**1.6**	**0.8**	**0.9**	**0.9**	**0.9**	**0.8**	**0**	**0**

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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)	2.65E-08	2.51E-08	4.21E-08	4.23E-08	3.23E-08	2.87E-08	3.78E-09	5.56E-09
URI (ΔCDF)	-3.72E-07	-3.67E-07	-2.13E-07	-2.13E-07	-2.14E-07	-2.29E-07	-2.11E-07	-2.19E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.50E-07**	**-3.40E-07**	**-1.70E-07**	**-1.70E-07**	**-1.80E-07**	**-2.00E-07**	**-2.10E-07**	**-2.10E-07**

TOP

Licensee Comments:
4Q/15: 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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	3.91E-09	-4.35E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.17E-09	-2.45E-09	-2.38E-09
URI (ΔCDF)	-1.27E-08	-1.31E-08	-6.91E-09	-6.86E-09	-6.53E-09	-6.39E-09	-6.00E-09	-6.42E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.80E-09**	**-1.70E-08**	**-9.00E-09**	**-9.00E-09**	**-8.60E-09**	**-8.60E-09**	**-8.50E-09**	**-8.80E-09**

TOP

Licensee Comments:
4Q/15: Changed PRA Parameter(s).

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

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)	-4.38E-08	-7.53E-08	-3.27E-08	-3.26E-08	-3.22E-08	-3.23E-08	-3.73E-08	-3.61E-08
URI (ΔCDF)	-3.30E-07	2.55E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.70E-07**	**1.80E-07**	**2.30E-07**	**2.30E-07**	**2.30E-07**	**2.30E-07**	**2.20E-07**	**2.20E-07**

TOP

Licensee Comments:
4Q/15: 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)	-7.48E-09	4.43E-08	2.39E-08	2.57E-08	2.61E-08	2.58E-08	2.52E-08	2.58E-08
URI (ΔCDF)	-4.42E-08	-4.26E-08	-2.41E-08	-2.41E-08	-2.41E-08	-2.41E-08	-2.41E-08	-2.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.20E-08**	**1.70E-09**	**-2.40E-10**	**1.50E-09**	**1.90E-09**	**1.70E-09**	**1.10E-09**	**7.90E-10**

TOP

Licensee Comments:
4Q/15: 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)	2.34E-07	2.33E-07	3.66E-08	3.66E-08	3.66E-08	3.00E-08	3.00E-08	3.03E-08
URI (ΔCDF)	-1.87E-08	-1.82E-08	-7.33E-09	-7.24E-09	-7.14E-09	-7.22E-09	-7.43E-09	-1.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**2.10E-07**	**2.90E-08**	**2.90E-08**	**2.90E-08**	**2.30E-08**	**2.30E-08**	**1.40E-08**

TOP

Licensee Comments:
4Q/15: 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	0.000172	0.000151	0.000169	0.000169	0.000176	0.000623	0.000040	0.000096	0.000090	0.000079	0.000094	0.000097
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**	**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	0.000078	0.000068	0.000093	0.000081	0.000092	0.000032	0.000100	0.000549	0.000116	0.000102	0.000159	0.000204
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**	**0**	**0**

TOP

Licensee Comments: none

Reactor Coolant System Leakage

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	0.147	0.156	0.113	0.122	0.148	0.152	0.076	0.071	0.085	0.083	0.096	0.095
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**	**1.6**	**1.1**	**1.2**	**1.5**	**1.5**	**0.8**	**0.7**	**0.9**	**0.8**	**1.0**	**1.0**

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	0.098	0.104	0.117	0.121	0.131	0.115	0.115	0.141	0.125	0.152	0.144	0.145
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**	**1.2**	**1.2**	**1.3**	**1.2**	**1.2**	**1.4**	**1.3**	**1.5**	**1.4**	**1.5**

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	38.0	34.0	20.0	46.0	93.0	57.0	27.0	24.0
Total opportunities	38.0	38.0	20.0	46.0	94.0	58.0	28.0	24.0
Indicator value	**98.6%**	**97.6%**	**97.3%**	**97.4%**	**97.7%**	**97.6%**	**97.6%**	**98.0%**

TOP

Licensee Comments:
3Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.
2Q/15: Drill and Exercise Performance data has been revised. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.
2Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Participating Key personnel	97.0	96.0	93.0	89.0	92.0	96.0	105.0	103.0
Total Key personnel	97.0	96.0	95.0	89.0	96.0	96.0	105.0	104.0
Indicator value	**100.0%**	**100.0%**	**97.9%**	**100.0%**	**95.8%**	**100.0%**	**100.0%**	**99.0%**

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	611	610	609	611	608	610	609	610
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**100.0%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**

TOP

Licensee Comments:
4Q/15: Two siren-tests determined to be unsuccessful upon review by Emergency Planning. This does not affect the indicator color.

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

Vogtle 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	0	0	0	0	1.0	0
Critical hours	1948.9	1687.2	2183.0	2184.0	2208.0	2209.0	1611.2	2122.5
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**

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	1.0	0	0	0	0	0	0
Critical hours	1948.9	1687.2	2183.0	2184.0	2208.0	2209.0	1611.2	2122.5
Indicator value	**0.8**	**0.9**	**0.9**	**0.9**	**0.8**	**0**	**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)	2.51E-08	4.21E-08	4.23E-08	3.23E-08	2.87E-08	3.78E-09	5.56E-09	4.42E-09
URI (ΔCDF)	-3.67E-07	-2.13E-07	-2.13E-07	-2.14E-07	-2.29E-07	-2.11E-07	-2.19E-07	-2.19E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.40E-07**	**-1.70E-07**	**-1.70E-07**	**-1.80E-07**	**-2.00E-07**	**-2.10E-07**	**-2.10E-07**	**-2.10E-07**

TOP

Licensee Comments:
4Q/15: 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/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-4.35E-09	-2.10E-09	-2.10E-09	-2.10E-09	-2.17E-09	-2.45E-09	-2.38E-09	-2.49E-09
URI (ΔCDF)	-1.31E-08	-6.91E-09	-6.86E-09	-6.53E-09	-6.39E-09	-6.00E-09	-6.42E-09	-5.92E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.70E-08**	**-9.00E-09**	**-9.00E-09**	**-8.60E-09**	**-8.60E-09**	**-8.50E-09**	**-8.80E-09**	**-8.40E-09**

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Licensee Comments:
4Q/15: 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)	-7.53E-08	-3.27E-08	-3.26E-08	-3.22E-08	-3.23E-08	-3.73E-08	-3.61E-08	-2.95E-08
URI (ΔCDF)	2.55E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07	2.51E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-07**	**2.30E-07**	**2.30E-07**	**2.30E-07**	**2.30E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**

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Licensee Comments:
4Q/15: 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	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	4.43E-08	2.39E-08	2.57E-08	2.61E-08	2.58E-08	2.52E-08	2.58E-08	3.00E-08
URI (ΔCDF)	-4.26E-08	-2.41E-08	-2.41E-08	-2.41E-08	-2.41E-08	-2.41E-08	-2.50E-08	-2.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.70E-09**	**-2.40E-10**	**1.50E-09**	**1.90E-09**	**1.70E-09**	**1.10E-09**	**7.90E-10**	**7.00E-09**

TOP

Licensee Comments:
4Q/15: 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	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	2.33E-07	3.66E-08	3.66E-08	3.66E-08	3.00E-08	3.00E-08	3.03E-08	2.97E-08
URI (ΔCDF)	-1.82E-08	-7.33E-09	-7.24E-09	-7.14E-09	-7.22E-09	-7.43E-09	-1.65E-08	-1.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.10E-07**	**2.90E-08**	**2.90E-08**	**2.90E-08**	**2.30E-08**	**2.30E-08**	**1.40E-08**	**1.30E-08**

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Licensee Comments:
4Q/15: 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	0.000169	0.000176	0.000623	0.000040	0.000096	0.000090	0.000079	0.000094	0.000097	0.000078	0.000068	0.000093
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**	**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	0.000081	0.000098	0.000099	0.000100	0.000549	0.000116	0.000102	0.000159	0.000204	0.000052	0.000062	0.000077
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**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments:
9/16: Department review of CDE for Maximum I-131 Activity (uCi/gm for 2016 identified three entries (U-1 Aug 2016, Sept 2016 and U-2 Sept 2016) with the incorrect number. These numbers have been revised. Incorrect data entry was a result of human error. Ref CR#10373664

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	0.122	0.148	0.152	0.076	0.071	0.085	0.083	0.096	0.095	0.098	0.104	0.117
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**	**1.5**	**1.5**	**0.8**	**0.7**	**0.9**	**0.8**	**1.0**	**1.0**	**1.0**	**1.0**	**1.2**

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	0.121	0.131	0.115	0.115	0.141	0.125	0.152	0.144	0.145	0.137	0.115	0.111
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**	**1.3**	**1.2**	**1.2**	**1.4**	**1.3**	**1.5**	**1.4**	**1.5**	**1.4**	**1.2**	**1.1**

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	34.0	20.0	46.0	93.0	57.0	27.0	24.0	33.0
Total opportunities	38.0	20.0	46.0	94.0	58.0	28.0	24.0	34.0
Indicator value	**97.6%**	**97.3%**	**97.4%**	**97.7%**	**97.6%**	**97.6%**	**98.0%**	**97.7%**

TOP

Licensee Comments:
3Q/15: Drill and Exercise Performance data has been revised for 2nd and 3rd Quarters. Emergency Planning reviewed participation records and determined two additional opportunities resulting in additional successes. This does not affect the indicator color.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Participating Key personnel	96.0	93.0	89.0	92.0	96.0	105.0	103.0	97.0
Total Key personnel	96.0	95.0	89.0	96.0	96.0	105.0	104.0	100.0
Indicator value	**100.0%**	**97.9%**	**100.0%**	**95.8%**	**100.0%**	**100.0%**	**99.0%**	**97.0%**

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	610	609	611	608	610	609	610	608
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**

TOP

Licensee Comments:
4Q/15: Two siren-tests determined to be unsuccessful upon review by Emergency Planning. This does not affect the indicator color.

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

Vogtle 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)
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- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
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- 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	0	0	0	0	1.0	0	0
Critical hours	1687.2	2183.0	2184.0	2208.0	2209.0	1611.2	2122.5	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**

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	1.0	0	0	0	0	0	0	0
Critical hours	1687.2	2183.0	2184.0	2208.0	2209.0	1611.2	2122.5	2208.0
Indicator value	**0.9**	**0.9**	**0.9**	**0.8**	**0**	**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**

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Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

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	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	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	4.21E-08	4.23E-08	3.23E-08	2.87E-08	3.78E-09	5.56E-09	4.42E-09	1.76E-10
URI (ΔCDF)	-2.13E-07	-2.13E-07	-2.14E-07	-2.29E-07	-2.11E-07	-2.19E-07	-2.19E-07	-2.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.70E-07**	**-1.70E-07**	**-1.80E-07**	**-2.00E-07**	**-2.10E-07**	**-2.10E-07**	**-2.10E-07**	**-2.20E-07**

TOP

Licensee Comments:
4Q/15: 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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-2.10E-09	-2.10E-09	-2.10E-09	-2.17E-09	-2.45E-09	-2.38E-09	-2.49E-09	-2.82E-09
URI (ΔCDF)	-6.91E-09	-6.86E-09	-6.53E-09	-6.39E-09	-6.00E-09	-6.42E-09	-5.92E-09	-6.07E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.00E-09**	**-9.00E-09**	**-8.60E-09**	**-8.60E-09**	**-8.50E-09**	**-8.80E-09**	**-8.40E-09**	**-8.90E-09**

TOP

Licensee Comments:
4Q/15: 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)	-3.27E-08	-3.26E-08	-3.22E-08	-3.23E-08	-3.73E-08	-3.61E-08	-2.95E-08	-3.63E-08
URI (ΔCDF)	2.59E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07	2.51E-07	2.59E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.30E-07**	**2.30E-07**	**2.30E-07**	**2.30E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**

TOP

Licensee Comments:
4Q/15: 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)	2.39E-08	2.57E-08	2.61E-08	2.58E-08	2.52E-08	2.58E-08	3.00E-08	2.77E-08
URI (ΔCDF)	-2.41E-08	-2.41E-08	-2.41E-08	-2.41E-08	-2.41E-08	-2.50E-08	-2.30E-08	-2.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.40E-10**	**1.50E-09**	**1.90E-09**	**1.70E-09**	**1.10E-09**	**7.90E-10**	**7.00E-09**	**4.70E-09**

TOP

Licensee Comments:
4Q/15: 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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	3.66E-08	3.66E-08	3.66E-08	3.00E-08	3.00E-08	3.03E-08	2.97E-08	2.13E-08
URI (ΔCDF)	-7.33E-09	-7.24E-09	-7.14E-09	-7.22E-09	-7.43E-09	-1.65E-08	-1.64E-08	-1.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.90E-08**	**2.90E-08**	**2.90E-08**	**2.30E-08**	**2.30E-08**	**1.40E-08**	**1.30E-08**	**4.90E-09**

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Licensee Comments:
4Q/15: 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	0.000040	0.000096	0.000090	0.000079	0.000094	0.000097	0.000078	0.000068	0.000093	0.000081	0.000098	0.000099
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	0.000100	0.000549	0.000116	0.000102	0.000159	0.000204	0.000052	0.000062	0.000077	0.000110	0.000068	0.000066
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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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Licensee Comments:
9/16: Department review of CDE for Maximum I-131 Activity (uCi/gm for 2016 identified three entries (U-1 Aug 2016, Sept 2016 and U-2 Sept 2016) with the incorrect number. These numbers have been revised. Incorrect data entry was a result of human error. Ref CR#10373664

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	0.076	0.071	0.085	0.083	0.096	0.095	0.098	0.104	0.117	0.121	0.131	0.115
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**	**0.7**	**0.9**	**0.8**	**1.0**	**1.0**	**1.0**	**1.0**	**1.2**	**1.2**	**1.3**	**1.2**

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	0.115	0.141	0.125	0.152	0.144	0.145	0.137	0.115	0.111	0.125	0.133	0.142
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**	**1.4**	**1.3**	**1.5**	**1.4**	**1.5**	**1.4**	**1.2**	**1.1**	**1.3**	**1.3**	**1.4**

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	20.0	46.0	93.0	57.0	27.0	24.0	51.0	47.0
Total opportunities	20.0	46.0	94.0	58.0	28.0	24.0	52.0	48.0
Indicator value	**97.3%**	**97.4%**	**97.7%**	**97.6%**	**97.6%**	**98.0%**	**97.8%**	**98.6%**

TOP

Licensee Comments:
2Q/17: KPI records for June 2017 Drill Exercise Participation (DEP) have been changed from 0 of 0 to 18 of 18 to add opportunities from Operations Annual Exams. Ref CR#10421233

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Participating Key personnel	93.0	89.0	92.0	96.0	105.0	103.0	97.0	87.0
Total Key personnel	95.0	89.0	96.0	96.0	105.0	104.0	100.0	87.0
Indicator value	**97.9%**	**100.0%**	**95.8%**	**100.0%**	**100.0%**	**99.0%**	**97.0%**	**100.0%**

TOP

Licensee Comments: none

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	609	611	608	610	609	610	608	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**

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Licensee Comments:
4Q/15: Two siren-tests determined to be unsuccessful upon review by Emergency Planning. This does not affect the indicator color.

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**

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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**

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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

Vogtle 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)
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- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
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- 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	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	2183.0	2184.0	2208.0	2209.0	1611.2	2122.5	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.9**

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Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

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	0	0	0	0	0	0	0	0
Critical hours	2183.0	2184.0	2208.0	2209.0	1611.2	2122.5	2208.0	2209.0
Indicator value	**0.9**	**0.9**	**0.8**	**0**	**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**

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Licensee Comments: none

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

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Licensee Comments:
4Q/16: LER 1-2016-003-00 "Tornado Missile" Ref CR#10411593

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)	4.23E-08	3.23E-08	2.87E-08	3.78E-09	5.56E-09	4.42E-09	1.76E-10	1.76E-10
URI (ΔCDF)	-2.13E-07	-2.14E-07	-2.29E-07	-2.11E-07	-2.19E-07	-2.19E-07	-2.18E-07	-2.18E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.70E-07**	**-1.80E-07**	**-2.00E-07**	**-2.10E-07**	**-2.10E-07**	**-2.10E-07**	**-2.20E-07**	**-2.20E-07**

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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/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-2.10E-09	-2.10E-09	-2.17E-09	-2.45E-09	-2.38E-09	-2.49E-09	-2.82E-09	-2.82E-09
URI (ΔCDF)	-6.86E-09	-6.53E-09	-6.39E-09	-6.00E-09	-6.42E-09	-5.92E-09	-6.07E-09	-6.02E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.00E-09**	**-8.60E-09**	**-8.60E-09**	**-8.50E-09**	**-8.80E-09**	**-8.40E-09**	**-8.90E-09**	**-8.80E-09**

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Licensee Comments: none

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)	-3.26E-08	-3.22E-08	-3.23E-08	-3.73E-08	-3.61E-08	-2.95E-08	-3.63E-08	-3.63E-08
URI (ΔCDF)	2.59E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07	2.51E-07	2.59E-07	2.59E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.30E-07**	**2.30E-07**	**2.30E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**	**2.20E-07**

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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/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	2.57E-08	2.61E-08	2.58E-08	2.52E-08	2.58E-08	3.00E-08	2.77E-08	2.79E-08
URI (ΔCDF)	-2.41E-08	-2.41E-08	-2.41E-08	-2.41E-08	-2.50E-08	-2.30E-08	-2.30E-08	-2.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.50E-09**	**1.90E-09**	**1.70E-09**	**1.10E-09**	**7.90E-10**	**7.00E-09**	**4.70E-09**	**4.80E-09**

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Licensee Comments: none

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)	3.66E-08	3.66E-08	3.00E-08	3.00E-08	3.03E-08	2.97E-08	2.13E-08	2.22E-08
URI (ΔCDF)	-7.24E-09	-7.14E-09	-7.22E-09	-7.43E-09	-1.65E-08	-1.64E-08	-1.64E-08	-1.64E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.90E-08**	**2.90E-08**	**2.30E-08**	**2.30E-08**	**1.40E-08**	**1.30E-08**	**4.90E-09**	**5.80E-09**

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Licensee Comments: none

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	0.000079	0.000094	0.000097	0.000078	0.000068	0.000093	0.000081	0.000098	0.000099	0.000100	0.000549	0.000116
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	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	0.000102	0.000159	0.000204	0.000052	0.000062	0.000077	0.000110	0.000068	0.000066	0.000161	0.000076	0.000105
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**

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Licensee Comments:
9/16: Department review of CDE for Maximum I-131 Activity (uCi/gm for 2016 identified three entries (U-1 Aug 2016, Sept 2016 and U-2 Sept 2016) with the incorrect number. These numbers have been revised. Incorrect data entry was a result of human error. Ref CR#10373664

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	0.083	0.096	0.095	0.098	0.104	0.117	0.121	0.131	0.115	0.115	0.141	0.125
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**	**1.0**	**1.0**	**1.0**	**1.0**	**1.2**	**1.2**	**1.3**	**1.2**	**1.2**	**1.4**	**1.3**

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	0.152	0.144	0.145	0.137	0.115	0.111	0.125	0.133	0.142	0.155	0.127	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	**1.5**	**1.4**	**1.5**	**1.4**	**1.2**	**1.1**	**1.3**	**1.3**	**1.4**	**1.6**	**1.3**	**1.1**

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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	46.0	93.0	57.0	27.0	24.0	51.0	47.0	48.0
Total opportunities	46.0	94.0	58.0	28.0	24.0	52.0	48.0	54.0
Indicator value	**97.4%**	**97.7%**	**97.6%**	**97.6%**	**98.0%**	**97.8%**	**98.6%**	**97.3%**

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Licensee Comments:
2Q/17: KPI records for June 2017 Drill Exercise Participation (DEP) have been changed from 0 of 0 to 18 of 18 to add opportunities from Operations Annual Exams. Ref CR#10421233

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	89.0	92.0	96.0	105.0	103.0	97.0	87.0	88.0
Total Key personnel	89.0	96.0	96.0	105.0	104.0	100.0	87.0	88.0
Indicator value	**100.0%**	**95.8%**	**100.0%**	**100.0%**	**99.0%**	**97.0%**	**100.0%**	**100.0%**

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Licensee Comments: none

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	611	608	610	609	610	608	611	611
Total sirens-tests	611	611	611	611	611	611	611	611
Indicator value	**99.9%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**	**99.8%**

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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**

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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**

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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