Arkansas Nuclear 2

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	1073.5	2183.0	2208.0	1818.7	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	1073.5	2183.0	2208.0	1818.7	2184.0
Indicator value	**1.8**	**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	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	16.83	13.93	0.28
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	1856.30	2183.00	2208.00	2035.00	2184.00
Train 2					
Planned unavailable hours	0	0.38	1.70	0	13.01
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	1620.40	2183.00	2208.00	2209.00	2184.00
Indicator value				**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/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	0.13	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	1125.50	2183.00	2208.00	1869.90	2184.00
Train 2					
Planned unavailable hours	0	0	0	0	0.70
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	1125.50	2183.00	2208.00	1869.90	2184.00
Indicator value				**0.1%**	**0.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	8.80	0	0	10.67
Unplanned unavailable hours	0	0	25.81	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1125.50	2183.00	2208.00	1845.90	2184.00
Train 2					
Planned unavailable hours	4.65	0.20	0	0	0
Unplanned unavailable hours	0	0	0	0	5.78
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1125.50	2183.00	2208.00	1845.90	2184.00
Indicator value				**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/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	3.13	0	21.70	10.05	1.80
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1986.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	0.23	16.38	0.36	30.02	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	1986.00	2183.00	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	3.13	0	21.70	10.05	1.80
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1986.00	2183.00	2208.00	2209.00	2184.00
Train 4					
Planned unavailable hours	0.23	16.38	0.36	30.02	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	1986.00	2183.00	2208.00	2209.00	2184.00
Indicator value				**0.4%**	**0.4%**

Licensee Comments:

1Q/00: Per Frequently Asked Question #172, the Combustion Engineering design for Residual Heat Removal will be reported as four trains. Train 1 will consist of the "A" Containment Spray Train. Train 2 will consist of "B" Containment Spray Train. Train 3 will consist of "A" Shutdown Cooling Train. Train 4 will consist of "B" Shutdown Cooling Train. Hours required for service will be determined by Technical Specification requirements. As directed by the approved FAQ response, Residual Heat Removal data reported for 1Q1997 through 1Q2000 has been revised to reflect the change from 2 trains to 4 trains as follows: Train 1 data remains unchanged and is duplicated as train 3 data. Train 2 data remains unchanged and is duplicated as train 4 data. These changes in historical data did not result in any change in the RHR indicator color.

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

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	0.002290	0.002450	0.002540	0.002460	0.002630	0.002710	0.002720	0.002830	0.002960	0.003090	0.003120
Technical specification limit	1.0	1.0	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**	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.087	0.102	0.118	0.136	0.171	0.253	0.261	0.260	0.001	0.003	0.001	0.001
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.9**	**1.0**	**1.2**	**1.4**	**1.7**	**2.5**	**2.6**	**2.6**	**0**	**0**	**0**	**0**

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	27.0	81.0	67.0	35.0	96.0
Total opportunities	27.0	82.0	67.0	35.0	96.0
Indicator value				**99.7%**	**99.8%**

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				109.0	118.0
Total Key personnel				121.0	126.0
Indicator value				**90.1%**	**93.7%**

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	146	145	143	143	144
Total sirens-tests	147	147	147	147	147
Indicator value	**98.5%**	**98.5%**	**98.1%**	**98.1%**	**97.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	7.60	8.40	60.70	106.30	63.20
CCTV compensatory hours	0	1.2	19.7	13.9	14.5
IDS normalization factor	1.65	1.65	1.65	1.65	1.70
CCTV normalization factor	1.0	1.0	1.0	1.0	1.1
Index Value	**0.005**	**0.004**	**0.005**	**0.008**	**0.011**

Licensee Comments:

1Q/00: One IDS and two CCTV components were added to the system in February 2000

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

Arkansas Nuclear 2

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	0
Critical hours	2183.0	2208.0	1818.7	2184.0	2183.0
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	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	1818.7	2184.0	2183.0
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	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	16.83	13.93	0.28	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	2183.00	2208.00	2035.00	2184.00	2183.00
Train 2					
Planned unavailable hours	0.38	1.70	0	13.01	16.80
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value			**0.3%**	**0.3%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	0.13	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	2183.00	2208.00	1869.90	2184.00	2183.00
Train 2					
Planned unavailable hours	0	0	0	0.70	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	2183.00	2208.00	1869.90	2184.00	2183.00
Indicator value			**0.1%**	**0.1%**	**0.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	8.80	0	0	10.67	6.92
Unplanned unavailable hours	0	25.81	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	1845.90	2184.00	2183.00
Train 2					
Planned unavailable hours	0.20	0	0	0	0.90
Unplanned unavailable hours	0	0	0	5.78	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	1845.90	2184.00	2183.00
Indicator value			**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/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0	21.70	10.05	1.80	14.50
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	16.38	0.36	30.02	0	6.30
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 3					
Planned unavailable hours	0	21.70	10.05	1.80	0
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	0
Train 4					
Planned unavailable hours	16.38	0.36	30.02	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	2183.00	2208.00	2209.00	2184.00	0
Indicator value			**0.4%**	**0.4%**	**0.5%**

Licensee Comments:

1Q/00: Per Frequently Asked Question #172, the Combustion Engineering design for Residual Heat Removal will be reported as four trains. Train 1 will consist of the "A" Containment Spray Train. Train 2 will consist of "B" Containment Spray Train. Train 3 will consist of "A" Shutdown Cooling Train. Train 4 will consist of "B" Shutdown Cooling Train. Hours required for service will be determined by Technical Specification requirements. As directed by the approved FAQ response, Residual Heat Removal data reported for 1Q1997 through 1Q2000 has been revised to reflect the change from 2 trains to 4 trains as follows: Train 1 data remains unchanged and is duplicated as train 3 data. Train 2 data remains unchanged and is duplicated as train 4 data. These changes in historical data did not result in any change in the RHR indicator color.

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.002540	0.002460	0.002630	0.002710	0.002720	0.002830	0.002960	0.003090	0.003120	0.003230	0.003160	0.003200
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.136	0.171	0.253	0.261	0.260	0.001	0.003	0.001	0.001	0.002	0.161	0.194
Technical specification limit	10.0	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**	**1.7**	**2.5**	**2.6**	**2.6**	**0**	**0**	**0**	**0**	**0**	**1.6**	**1.9**

Licensee Comments:

6/00: The May and June maximum RCS leakage being reported is "total RCS leakage" in lieu of previously reported "identified leakage." Due to a malfunctioning Quench Tank level indication, identified leakage cannot be calculated separately from total leakage. The total leakage being reported will be conservatively higher until the Quench Tank level indication is restored.

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	81.0	67.0	35.0	96.0	82.0
Total opportunities	82.0	67.0	35.0	96.0	85.0
Indicator value			**99.7%**	**99.8%**	**99.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel			109.0	118.0	88.0
Total Key personnel			121.0	126.0	100.0
Indicator value			**90.1%**	**93.7%**	**88.0%**

Licensee Comments:

2Q/00: After internal assessment and review, the Q2/2000 data was revised from 92 to 88 ERO members participating. This change did not affect indicator color.

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	145	143	143	144	145
Total sirens-tests	147	147	147	147	147
Indicator value	**98.5%**	**98.1%**	**98.1%**	**97.8%**	**97.8%**

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	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

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	8.40	60.70	106.30	63.20	17.90
CCTV compensatory hours	1.2	19.7	13.9	14.5	1.5
IDS normalization factor	1.65	1.65	1.65	1.70	1.70
CCTV normalization factor	1.0	1.0	1.0	1.1	1.1
Index Value	**0.004**	**0.005**	**0.008**	**0.011**	**0.011**

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

Arkansas Nuclear 2

3Q/2000 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplann~d Scrams p~r 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	2208.0	1818.7	2184.0	2183.0	1227.5
Indicator valu~	**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 H˜at R˜moval	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Scrams	0	0	0	0	0
Indicator valu˜		**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplann~d Pow~r Chang~s p~r 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	1818.7	2184.0	2183.0	1227.5
Indicator valu~	**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

Saf˜ty Syst˜m Unavailability, Em˜rg˜ncy AC Pow˜r	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	16.83	13.93	0.28	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	2208.00	2035.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	1.70	0	13.01	16.80	0.60
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 valu˜		**0.3%**	**0.3%**	**0.4%**	**0.3%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

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

Notes

Saf˜ty Syst˜m Unavailability, High Pr˜ssur˜ Inj˜ction Syst˜m (HPSI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0.13	0	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	2208.00	1869.90	2184.00	2183.00	1278.50
Train 2					
Planned unavailable hours	0	0	0.70	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	2208.00	1869.90	2184.00	2183.00	1278.50
Indicator valu˜		**0.1%**	**0.1%**	**0.1%**	**0.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Saf˜ty Syst˜m Unavailability, H˜at R˜moval Syst˜m (AFW)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	0	10.67	6.92	0
Unplanned unavailable hours	25.81	0	0	0	11.60
Fault exposure hours	0	0	0	0	45.30
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	1845.90	2184.00	2183.00	1278.60
Train 2					
Planned unavailable hours	0	0	0	0.90	0
Unplanned unavailable hours	0	0	5.78	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	1845.90	2184.00	2183.00	1278.60
Indicator valu˜		**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

Saf˜ty Syst˜m Unavailability, R˜sidual H˜at R˜moval Syst˜m	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	21.70	10.05	1.80	14.50	0.10
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	1278.50
Train 2					
Planned unavailable hours	0.36	30.02	0	6.30	0.02
Unplanned unavailable hours	0	0	0	0	23.20
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	1278.50
Train 3					
Planned unavailable hours	21.70	10.05	1.80	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	2208.00	2209.00	2184.00	0	750.10
Train 4					
Planned unavailable hours	0.36	30.02	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	2208.00	2209.00	2184.00	0	806.00
Indicator valu˜		**0.4%**	**0.4%**	**0.5%**	**0.4%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Saf˜ty Syst˜m Functional Failur˜s (PWR)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator valu˜	**1**	**1**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

R˜actor Coolant Syst˜m 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	0.002710	0.002720	0.002830	0.002960	0.003090	0.003120	0.003230	0.003160	0.003200	0.003120	0.003390	0.003460
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator valu˜	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

R˜actor Coolant Syst˜m L˜akag˜	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	0.261	0.260	0.001	0.003	0.001	0.001	0.002	0.161	0.194	0.172	0.002	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator valu˜	**2.6**	**2.6**	**0**	**0**	**0**	**0**	**0**	**1.6**	**1.9**	**1.7**	**0**	**0**

Licensee Comments:

9/00: The July maximum RCS leakage being reported is "total RCS leakage" in lieu of "identified leakage." Due to a malfunctioning quench tank level indication, identified leakage for July could not be calculated separately from total leakage. The Quench tank level indication was repaired such that the August and September RCS leakage is reported as "identified leakage" as instructed by NEI 99-02.

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Ex˜rcis˜ P˜rformanc˜	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	67.0	35.0	96.0	82.0	55.0
Total opportunities	67.0	35.0	96.0	85.0	56.0
Indicator valu˜		**99.7%**	**99.8%**	**99.2%**	**99.0%**

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		109.0	118.0	88.0	98.0
Total Key personnel		121.0	126.0	100.0	105.0
Indicator valu˜		**90.1%**	**93.7%**	**88.0%**	**93.3%**

Licensee Comments:

3Q/00: After internal assessment and review, the Q3/2000 data was revised from 103 to 98 ERO members participating. This change did not affect indicator color.

2Q/00: After internal assessment and review, the Q2/2000 data was revised from 92 to 88 ERO members participating. This change did not affect indicator color.

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Al˜rt & Notification Syst˜m	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	143	143	144	145	144
Total sirens-tests	147	147	147	147	147
Indicator valu˜	**98.1%**	**98.1%**	**97.8%**	**97.8%**	**98.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposur˜ Control Eff˜ctiv˜n˜ss	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 valu˜	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Efflu~nt	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator valu~	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Prot˜ct˜d Ar˜a S˜curity P˜rformanc˜ Ind˜x	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	60.70	106.30	63.20	17.90	21.60
CCTV compensatory hours	19.7	13.9	14.5	1.5	27.0
IDS normalization factor	1.65	1.65	1.70	1.70	1.70
CCTV normalization factor	1.0	1.0	1.1	1.1	1.1
Ind˜x Valu˜	**0.005**	**0.008**	**0.011**	**0.011**	**0.010**

Licensee Comments:

3Q/00: After internal assessment and review, the Q3/2000 data was revised to include 5.5 IDS hours in July, an added 2 hours IDS in August, and an added 11 CCTV hours in August. These changes did not affect indicator color.

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

P˜rsonn˜l Scr˜˜ning Program	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Program failures	0	0	0	0	0
Indicator valu˜	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/P˜rsonn˜l R˜liability	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Program Failures	0	0	0	0	0
Indicator valu˜	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: March 29, 2002

Arkansas Nuclear 2

4Q/2000 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	1818.7	2184.0	2183.0	1227.5	582.0
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	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	1818.7	2184.0	2183.0	1227.5	582.0
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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	13.93	0.28	0	0	2.80
Unplanned unavailable hours	0	0	0	0	1.80
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2035.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	0	13.01	16.80	0.60	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	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**0.3%**	**0.3%**	**0.4%**	**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/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	0	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	1869.90	2184.00	2183.00	1278.50	670.00
Train 2					
Planned unavailable hours	0	0.70	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	1869.90	2184.00	2183.00	1278.50	670.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	10.67	6.92	0	0
Unplanned unavailable hours	0	0	0	11.60	4.28
Fault exposure hours	0	0	0	45.30	0
Effective Reset hours	0	0	0	0	0
Required hours	1845.90	2184.00	2183.00	1278.60	670.00
Train 2					
Planned unavailable hours	0	0	0.90	0	0
Unplanned unavailable hours	0	5.78	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1845.90	2184.00	2183.00	1278.60	670.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	10.05	1.80	14.50	0.10	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	2209.00	2184.00	2183.00	1278.50	670.00
Train 2					
Planned unavailable hours	30.02	0	6.30	0.02	0
Unplanned unavailable hours	0	0	0	23.20	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	1278.50	670.00
Train 3					
Planned unavailable hours	10.05	1.80	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	2209.00	2184.00	0	750.10	421.70
Train 4					
Planned unavailable hours	30.02	0	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	2209.00	2184.00	0	806.00	325.70
Indicator value	**0.4%**	**0.4%**	**0.5%**	**0.4%**	**0.4%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.002960	0.003090	0.003120	0.003230	0.003160	0.003200	0.003120	0.003390	0.003460	N/A	N/A	0.001590
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**N/A**	**N/A**	**0.2**

Licensee Comments:

12/00: The Unit was shutdown for Refueling and Steam Generator replacement during the months of October and November.

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	0.003	0.001	0.001	0.002	0.161	0.194	0.172	0.002	0.002	N/A	N/A	0.006
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0**	**0**	**0**	**0**	**1.6**	**1.9**	**1.7**	**0**	**0**	**N/A**	**N/A**	**0.1**

Licensee Comments:

12/00: The Unit was shutdown for refueling and Steam Generator replacement during the months of October and November.

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	35.0	96.0	82.0	55.0	16.0
Total opportunities	35.0	96.0	85.0	56.0	16.0
Indicator value	**99.7%**	**99.8%**	**99.2%**	**99.0%**	**98.9%**

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	109.0	118.0	88.0	98.0	101.0
Total Key personnel	121.0	126.0	100.0	105.0	111.0
Indicator value	**90.1%**	**93.7%**	**88.0%**	**93.3%**	**91.0%**

Licensee Comments:

3Q/00: After internal assessment and review, the Q3/2000 data was revised from 103 to 98 ERO members participating. This change did not affect indicator color.

2Q/00: After internal assessment and review, the Q2/2000 data was revised from 92 to 88 ERO members participating. This change did not affect indicator color.

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	143	144	145	144	142
Total sirens-tests	147	147	147	147	147
Indicator value	**98.1%**	**97.8%**	**97.8%**	**98.0%**	**97.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	106.30	63.20	17.90	21.60	39.50
CCTV compensatory hours	13.9	14.5	1.5	27.0	4.5
IDS normalization factor	1.65	1.70	1.70	1.70	1.70
CCTV normalization factor	1.0	1.1	1.1	1.1	1.1
Index Value	**0.008**	**0.011**	**0.011**	**0.010**	**0.007**

Licensee Comments:

3Q/00: After internal assessment and review, the Q3/2000 data was revised to include 5.5 IDS hours in July, an added 2 hours IDS in August, and an added 11 CCTV hours in August. These changes did not affect indicator color.

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Last Modified: March 28, 2002

Arkansas Nuclear 2

1Q/2001 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned scrams	0	0	0	0	0	0
Critical hours	1818.7	2184.0	2183.0	1227.5	582.0	2035.9
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/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	1818.7	2184.0	2183.0	1227.5	582.0	2035.9
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	13.93	0.28	0	0	2.80	0
Unplanned unavailable hours	0	0	0	0	1.80	68.60
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2035.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	0	13.01	16.80	0.60	0	0
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	**0.3%**	**0.3%**	**0.4%**	**0.3%**	**0.3%**	**0.4%**

Licensee Comments:

1Q/01: An Engineering evaluation was performed on the event that resulted in reporting 336 fault exposure hours for the Train 1 EDG. The evaluation determined that the Train 1 EDG would have been available to provide adequate electrical power to the safety bus. Therefore, the previously reported 336 fault exposure hours for the 1st quarter of 2001 are retracted.

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	0	0	0	0	3.50
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	1869.90	2184.00	2183.00	1278.50	670.00	2035.90
Train 2						
Planned unavailable hours	0	0.70	0	0	0	0.90
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	1869.90	2184.00	2183.00	1278.50	670.00	2035.90
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	10.67	6.92	0	0	0.65
Unplanned unavailable hours	0	0	0	11.60	4.28	4.42
Fault exposure hours	0	0	0	45.30	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1845.90	2184.00	2183.00	1278.60	670.00	2066.00
Train 2						
Planned unavailable hours	0	0	0.90	0	0	5.01
Unplanned unavailable hours	0	5.78	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1845.90	2184.00	2183.00	1278.60	670.00	2066.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	10.05	1.80	14.50	0.10	0	4.50
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	1278.50	670.00	2065.60
Train 2						
Planned unavailable hours	30.02	0	6.30	0.02	0	0
Unplanned unavailable hours	0	0	0	23.20	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	1278.50	670.00	2065.60
Train 3						
Planned unavailable hours	10.05	1.80	0	0	0	0
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	0	750.10	421.70	94.40
Train 4						
Planned unavailable hours	30.02	0	0	0	0	0
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	0	806.00	325.70	94.40
Indicator value	**0.4%**	**0.4%**	**0.5%**	**0.4%**	**0.4%**	**0.5%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Safety System Functional Failures	0	0	0	0	0	0
Indicator value	**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	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	0.002710	0.002720	0.002830	0.002960	0.003090	0.003120	0.003230	0.003160	0.003200	0.003120	0.003390	0.003460
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	N/A	N/A	0.001590	0.002850	0.001690	0.001760
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**N/A**	**N/A**	**0.2**	**0.3**	**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	0.261	0.260	0.001	0.003	0.001	0.001	0.002	0.161	0.194	0.172	0.002	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.6**	**2.6**	**0**	**0**	**0**	**0**	**0**	**1.6**	**1.9**	**1.7**	**0**	**0**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	N/A	N/A	0.006	0.254	0.209	0.206
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**N/A**	**N/A**	**0.1**	**2.5**	**2.1**	**2.1**

Licensee Comments:

3/01: The maximum RCS leakage being reported is "total RCS leakage" in lieu of "identified leakage." Due to a malfunctioning quench tank level indication, identified leakage could not be calculated separately from total leakage.

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	35.0	96.0	82.0	55.0	16.0	37.0
Total opportunities	35.0	96.0	85.0	56.0	16.0	40.0
Indicator value	**99.7%**	**99.8%**	**99.2%**	**99.0%**	**98.9%**	**98.3%**

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	109.0	118.0	88.0	98.0	101.0	107.0
Total Key personnel	121.0	126.0	100.0	105.0	111.0	114.0
Indicator value	**90.1%**	**93.7%**	**88.0%**	**93.3%**	**91.0%**	**93.9%**

Licensee Comments:

3Q/00: After internal assessment and review, the Q3/2000 data was revised from 103 to 98 ERO members participating. This change did not affect indicator color.

2Q/00: After internal assessment and review, the Q2/2000 data was revised from 92 to 88 ERO members participating. This change did not affect indicator color.

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	143	144	145	144	142	144
Total sirens-tests	147	147	147	147	147	147
Indicator value	**98.1%**	**97.8%**	**97.8%**	**98.0%**	**97.8%**	**97.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	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	106.30	63.20	17.90	21.60	39.50	196.90
CCTV compensatory hours	13.9	14.5	1.5	27.0	4.5	2.5
IDS normalization factor	1.65	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.0	1.1	1.1	1.1	1.1	1.1
Index Value	**0.008**	**0.011**	**0.011**	**0.010**	**0.007**	**0.011**

Licensee Comments:

3Q/00: After internal assessment and review, the Q3/2000 data was revised to include 5.5 IDS hours in July, an added 2 hours IDS in August, and an added 11 CCTV hours in August. These changes did not affect indicator color.

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Last Modified: March 28, 2002

Arkansas Nuclear 2

2Q/2001 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned scrams	0	0	0	0	0	0	0
Critical hours	1818.7	2184.0	2183.0	1227.5	582.0	2035.9	2183.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/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	1818.7	2184.0	2183.0	1227.5	582.0	2035.9	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	13.93	0.28	0	0	2.80	0	18.70
Unplanned unavailable hours	0	0	0	0	1.80	68.60	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2035.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	0	13.01	16.80	0.60	0	0	10.40
Unplanned unavailable hours	0	0	0	0	0	0	4.86
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	**0.3%**	**0.3%**	**0.4%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**

Licensee Comments:

1Q/01: An Engineering evaluation was performed on the event that resulted in reporting 336 fault exposure hours for the Train 1 EDG. The evaluation determined that the Train 1 EDG would have been available to provide adequate electrical power to the safety bus. Therefore, the previously reported 336 fault exposure hours for the 1st quarter of 2001 are retracted.

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	0	0	0	0	3.50	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1869.90	2184.00	2183.00	1278.50	670.00	2035.90	2183.00
Train 2							
Planned unavailable hours	0	0.70	0	0	0	0.90	2.50
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	1869.90	2184.00	2183.00	1278.50	670.00	2035.90	2183.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	10.67	6.92	0	0	0.65	0
Unplanned unavailable hours	0	0	0	11.60	4.28	4.42	0
Fault exposure hours	0	0	0	45.30	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1845.90	2184.00	2183.00	1278.60	670.00	2066.00	2183.00
Train 2							
Planned unavailable hours	0	0	0.90	0	0	5.01	4.32
Unplanned unavailable hours	0	5.78	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	1845.90	2184.00	2183.00	1278.60	670.00	2066.00	2183.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	10.05	1.80	14.50	0.10	0	4.50	20.80
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	1278.50	670.00	2065.60	2183.00
Train 2							
Planned unavailable hours	30.02	0	6.30	0.02	0	0	11.30
Unplanned unavailable hours	0	0	0	23.20	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	1278.50	670.00	2065.60	2183.00
Train 3							
Planned unavailable hours	10.05	1.80	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	0	750.10	421.70	94.40	0
Train 4							
Planned unavailable hours	30.02	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	0	806.00	325.70	94.40	0
Indicator value	**0.4%**	**0.4%**	**0.5%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Safety System Functional Failures	0	0	0	0	0	0	1
Indicator value	**1**	**0**	**0**	**0**	**0**	**0**	**1**

Licensee Comments:

2Q/01: Control Room Emergency Ventilation System Radiation Monitors.

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	0.002710	0.002720	0.002830	0.002960	0.003090	0.003120	0.003230	0.003160	0.003200	0.003120	0.003390	0.003460
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	N/A	N/A	0.001590	0.002850	0.001690	0.001760	0.001800	0.001820	0.001980
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**N/A**	**N/A**	**0.2**	**0.3**	**0.2**	**0.2**	**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	0.261	0.260	0.001	0.003	0.001	0.001	0.002	0.161	0.194	0.172	0.002	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.6**	**2.6**	**0**	**0**	**0**	**0**	**0**	**1.6**	**1.9**	**1.7**	**0**	**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	N/A	N/A	0.006	0.254	0.209	0.206	0.220	0.238	0.291
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**N/A**	**N/A**	**0.1**	**2.5**	**2.1**	**2.1**	**2.2**	**2.4**	**2.9**

Licensee Comments:

6/01: Due to a malfunctioning Quench Tank level indication, Identified Leakage cannot be calculated. Total Leakage is being reported in lieu of Identified Leakage.

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	35.0	96.0	82.0	55.0	16.0	37.0	65.0
Total opportunities	35.0	96.0	85.0	56.0	16.0	40.0	68.0
Indicator value	**99.7%**	**99.8%**	**99.2%**	**99.0%**	**98.9%**	**98.3%**	**97.8%**

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	109.0	118.0	88.0	98.0	101.0	107.0	104.0
Total Key personnel	121.0	126.0	100.0	105.0	111.0	114.0	112.0
Indicator value	**90.1%**	**93.7%**	**88.0%**	**93.3%**	**91.0%**	**93.9%**	**92.9%**

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	143	144	145	144	142	144	145
Total sirens-tests	147	147	147	147	147	147	147
Indicator value	**98.1%**	**97.8%**	**97.8%**	**98.0%**	**97.8%**	**97.8%**	**97.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	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	106.30	63.20	17.90	21.60	39.50	196.90	41.10
CCTV compensatory hours	13.9	14.5	1.5	27.0	4.5	2.5	19.9
IDS normalization factor	1.65	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.0	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.008**	**0.011**	**0.011**	**0.010**	**0.007**	**0.011**	**0.013**

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

Arkansas Nuclear 2

3Q/2001 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1818.7	2184.0	2183.0	1227.5	582.0	2035.9	2183.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/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:

3Q/01:

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	1.0
Critical hours	1818.7	2184.0	2183.0	1227.5	582.0	2035.9	2183.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**

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	13.93	0.28	0	0	2.80	0	18.70	0
Unplanned unavailable hours	0	0	0	0	1.80	68.60	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2035.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	13.01	16.80	0.60	0	0	10.40	0
Unplanned unavailable hours	0	0	0	0	0	0	4.86	0
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%**	**0.4%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments:

1Q/01: An Engineering evaluation was performed on the event that resulted in reporting 336 fault exposure hours for the Train 1 EDG. The evaluation determined that the Train 1 EDG would have been available to provide adequate electrical power to the safety bus. Therefore, the previously reported 336 fault exposure hours for the 1st quarter of 2001 are retracted.

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	0	0	0	0	3.50	0	3.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1869.90	2184.00	2183.00	1278.50	670.00	2035.90	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0.70	0	0	0	0.90	2.50	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1869.90	2184.00	2183.00	1278.50	670.00	2035.90	2183.00	2208.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	10.67	6.92	0	0	0.65	0	7.18
Unplanned unavailable hours	0	0	0	11.60	4.28	4.42	0	0
Fault exposure hours	0	0	0	45.30	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1845.90	2184.00	2183.00	1278.60	670.00	2066.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	0.90	0	0	5.01	4.32	0
Unplanned unavailable hours	0	5.78	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	1845.90	2184.00	2183.00	1278.60	670.00	2066.00	2183.00	2208.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**0.3%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	10.05	1.80	14.50	0.10	0	4.50	20.80	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	1278.50	670.00	2065.60	2183.00	2208.00
Train 2								
Planned unavailable hours	30.02	0	6.30	0.02	0	0	11.30	14.20
Unplanned unavailable hours	0	0	0	23.20	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	1278.50	670.00	2065.60	2183.00	2208.00
Train 3								
Planned unavailable hours	10.05	1.80	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	0	750.10	421.70	94.40	0	0
Train 4								
Planned unavailable hours	30.02	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	0	806.00	325.70	94.40	0	0
Indicator value	**0.4%**	**0.4%**	**0.5%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.4%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	**1**	**0**	**0**	**0**	**0**	**0**	**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	0.002710	0.002720	0.002830	0.002960	0.003090	0.003120	0.003230	0.003160	0.003200	0.003120	0.003390	0.003460
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**

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	N/A	N/A	0.001590	0.002850	0.001690	0.001760	0.001800	0.001820	0.001980	0.001940	0.002090	0.002090
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**N/A**	**N/A**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**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	0.261	0.260	0.001	0.003	0.001	0.001	0.002	0.161	0.194	0.172	0.002	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.6**	**2.6**	**0**	**0**	**0**	**0**	**0**	**1.6**	**1.9**	**1.7**	**0**	**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	N/A	N/A	0.006	0.254	0.209	0.206	0.220	0.238	0.291	0.260	0.256	0.276
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**N/A**	**N/A**	**0.1**	**2.5**	**2.1**	**2.1**	**2.2**	**2.4**	**2.9**	**2.6**	**2.6**	**2.8**

Licensee Comments:

9/01: Due to a malfunctioning quench tank level indication, total leakage is being reported in lieu of identified leakage.

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	35.0	96.0	82.0	55.0	16.0	37.0	65.0	161.0
Total opportunities	35.0	96.0	85.0	56.0	16.0	40.0	68.0	165.0
Indicator value	**99.7%**	**99.8%**	**99.2%**	**99.0%**	**98.9%**	**98.3%**	**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	1Q/01	2Q/01	3Q/01
Participating Key personnel	109.0	118.0	88.0	98.0	101.0	107.0	104.0	108.0
Total Key personnel	121.0	126.0	100.0	105.0	111.0	114.0	112.0	111.0
Indicator value	**90.1%**	**93.7%**	**88.0%**	**93.3%**	**91.0%**	**93.9%**	**92.9%**	**97.3%**

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	1Q/01	2Q/01	3Q/01
Successful siren-tests	143	144	145	144	142	144	145	144
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**98.1%**	**97.8%**	**97.8%**	**98.0%**	**97.8%**	**97.8%**	**97.8%**	**97.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	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

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	106.30	63.20	17.90	21.60	39.50	196.90	41.10	115.20
CCTV compensatory hours	13.9	14.5	1.5	27.0	4.5	2.5	19.9	13.7
IDS normalization factor	1.65	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.008**	**0.011**	**0.011**	**0.010**	**0.007**	**0.011**	**0.013**	**0.015**

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

Arkansas Nuclear 2

4Q/2001 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2184.0	2183.0	1227.5	582.0	2035.9	2183.0	2208.0	2183.2
Indicator value	**0**	**0**	**0**	**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	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	1.0	0
Critical hours	2184.0	2183.0	1227.5	582.0	2035.9	2183.0	2208.0	2183.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**	**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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	0.28	0	0	2.80	0	18.70	0	0
Unplanned unavailable hours	0	0	0	1.80	68.60	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
Train 2								
Planned unavailable hours	13.01	16.80	0.60	0	0	10.40	0	0
Unplanned unavailable hours	0	0	0	0	0	4.86	0	0
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%**	**0.4%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**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	0	0	0	0	3.50	0	3.80	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	1278.50	670.00	2035.90	2183.00	2208.00	2183.20
Train 2								
Planned unavailable hours	0.70	0	0	0	0.90	2.50	0	4.70
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	1278.50	670.00	2035.90	2183.00	2208.00	2183.20
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0%**	**0%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	10.67	6.92	0	0	0.65	0	7.18	26.60
Unplanned unavailable hours	0	0	11.60	4.28	4.42	0	0	0
Fault exposure hours	0	0	45.30	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	1278.60	670.00	2066.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	0.90	0	0	5.01	4.32	0	19.00
Unplanned unavailable hours	5.78	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	1278.60	670.00	2066.00	2183.00	2208.00	2209.00
Indicator value	**0.2%**	**0.2%**	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**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	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	1.80	14.50	0.10	0	4.50	20.80	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	1278.50	670.00	2065.60	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	6.30	0.02	0	0	11.30	14.20	0
Unplanned unavailable hours	0	0	23.20	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	1278.50	670.00	2065.60	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	1.80	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	0	750.10	421.70	94.40	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	0	806.00	325.70	94.40	0	0	0
Indicator value	**0.4%**	**0.5%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**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	0.002960	0.003090	0.003120	0.003230	0.003160	0.003200	0.003120	0.003390	0.003460	N/A	N/A	0.001590
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**N/A**	**N/A**	**0.2**

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	0.002850	0.001690	0.001760	0.001800	0.001820	0.001980	0.001940	0.002090	0.002090	0.002130	0.002050	0.002080
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**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	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	0.003	0.001	0.001	0.002	0.161	0.194	0.172	0.002	0.002	N/A	N/A	0.006
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0**	**0**	**0**	**0**	**1.6**	**1.9**	**1.7**	**0**	**0**	**N/A**	**N/A**	**0.1**

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	0.254	0.209	0.206	0.220	0.238	0.291	0.260	0.256	0.276	0.265	0.283	0.257
Technical specification limit	10.0	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**	**2.1**	**2.1**	**2.2**	**2.4**	**2.9**	**2.6**	**2.6**	**2.8**	**2.7**	**2.8**	**2.6**

Licensee Comments:

12/01: Due to a malfunctioning Quench Tank Level Indication, Total Leakage is being reported in lieu of Identified Leakage.

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	96.0	82.0	55.0	16.0	37.0	65.0	161.0	60.0
Total opportunities	96.0	85.0	56.0	16.0	40.0	68.0	165.0	64.0
Indicator value	**99.8%**	**99.2%**	**99.0%**	**98.9%**	**98.3%**	**97.8%**	**97.5%**	**96.9%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	118.0	88.0	98.0	101.0	107.0	104.0	108.0	120.0
Total Key personnel	126.0	100.0	105.0	111.0	114.0	112.0	111.0	121.0
Indicator value	**93.7%**	**88.0%**	**93.3%**	**91.0%**	**93.9%**	**92.9%**	**97.3%**	**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	144	145	144	142	144	145	144	139
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**97.8%**	**97.8%**	**98.0%**	**97.8%**	**97.8%**	**97.8%**	**97.8%**	**97.3%**

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	63.20	17.90	21.60	39.50	196.90	41.10	115.20	29.40
CCTV compensatory hours	14.5	1.5	27.0	4.5	2.5	19.9	13.7	1.5
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.011**	**0.011**	**0.010**	**0.007**	**0.011**	**0.013**	**0.015**	**0.015**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

Last Modified: March 15, 2002

Arkansas Nuclear 2

1Q/2002 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2183.0	1227.5	582.0	2035.9	2183.0	2208.0	2183.2	2160.0
Indicator value	**0**	**0**	**0**	**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	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	1.0	0	0
Critical hours	2183.0	1227.5	582.0	2035.9	2183.0	2208.0	2183.2	2160.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1.0**	**0.8**	**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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	0	0	2.80	0	18.70	0	0	0
Unplanned unavailable hours	0	0	1.80	68.60	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	16.80	0.60	0	0	10.40	0	0	0
Unplanned unavailable hours	0	0	0	0	4.86	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	**0.4%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**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	0	0	0	3.50	0	3.80	0	20.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1278.50	670.00	2035.90	2183.00	2208.00	2183.20	2160.00
Train 2								
Planned unavailable hours	0	0	0	0.90	2.50	0	4.70	14.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1278.50	670.00	2035.90	2183.00	2208.00	2183.20	2160.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0%**	**0%**	**0.1%**

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	6.92	0	0	0.65	0	7.18	26.60	24.20
Unplanned unavailable hours	0	11.60	4.28	4.42	0	0	0	0
Fault exposure hours	0	45.30	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1278.60	670.00	2066.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0.90	0	0	5.01	4.32	0	19.00	5.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1278.60	670.00	2066.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.2%**	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**0.3%**	**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	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	14.50	0.10	0	4.50	20.80	0	0	11.00
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	1278.50	670.00	2065.60	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	6.30	0.02	0	0	11.30	14.20	0	0
Unplanned unavailable hours	0	23.20	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	1278.50	670.00	2065.60	2183.00	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	750.10	421.70	94.40	0	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	806.00	325.70	94.40	0	0	0	0
Indicator value	**0.5%**	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

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	0.003230	0.003160	0.003200	0.003120	0.003390	0.003460	N/A	N/A	0.001590	0.002850	0.001690	0.001760
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**N/A**	**N/A**	**0.2**	**0.3**	**0.2**	**0.2**

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	0.001800	0.001820	0.001980	0.001940	0.002090	0.002090	0.002130	0.002050	0.002080	0.002220	0.002260	0.002270
Technical specification limit	1.0	1.0	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**	**0.2**	**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	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	0.002	0.161	0.194	0.172	0.002	0.002	N/A	N/A	0.006	0.254	0.209	0.206
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0**	**1.6**	**1.9**	**1.7**	**0**	**0**	**N/A**	**N/A**	**0.1**	**2.5**	**2.1**	**2.1**

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	0.220	0.238	0.291	0.260	0.256	0.276	0.265	0.283	0.257	0.259	0.286	0.255
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.2**	**2.4**	**2.9**	**2.6**	**2.6**	**2.8**	**2.7**	**2.8**	**2.6**	**2.6**	**2.9**	**2.6**

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	82.0	55.0	16.0	37.0	69.0	161.0	60.0	71.0
Total opportunities	85.0	56.0	16.0	40.0	72.0	165.0	64.0	73.0
Indicator value	**99.2%**	**99.0%**	**98.9%**	**98.3%**	**97.9%**	**97.5%**	**97.0%**	**96.5%**

Licensee Comments:

2Q/01: Second quarter 2001 data was revised to include 4 successful event opportunities that were inadvertently omitted when the data was originally reported.

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	88.0	98.0	101.0	107.0	104.0	108.0	120.0	123.0
Total Key personnel	100.0	105.0	111.0	114.0	112.0	111.0	121.0	123.0
Indicator value	**88.0%**	**93.3%**	**91.0%**	**93.9%**	**92.9%**	**97.3%**	**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	145	144	142	144	145	144	139	143
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**97.8%**	**98.0%**	**97.8%**	**97.8%**	**97.8%**	**97.8%**	**97.3%**	**97.1%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
IDS compensatory hours	17.90	21.60	39.50	196.90	41.10	115.20	29.40	213.10
CCTV compensatory hours	1.5	27.0	4.5	2.5	19.9	13.7	1.5	0
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.011**	**0.010**	**0.007**	**0.011**	**0.013**	**0.015**	**0.015**	**0.015**

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

Arkansas Nuclear 2

2Q/2002 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	1227.5	582.0	2035.9	2183.0	2208.0	2183.2	2160.0	1681.4
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.8**	**0.8**	**0.9**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Scrams	0	0	0	0	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/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	0	0	0	0	1.0	0	0	1.0
Critical hours	1227.5	582.0	2035.9	2183.0	2208.0	2183.2	2160.0	1681.4
Indicator value	**0**	**0**	**0**	**0**	**1.0**	**0.8**	**0.8**	**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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0	2.80	0	18.70	0	0	0	0
Unplanned unavailable hours	0	1.80	68.60	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0.60	0	0	10.40	0	0	0	0
Unplanned unavailable hours	0	0	0	4.86	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%**	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**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	0	0	3.50	0	3.80	0	20.80	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1278.50	670.00	2035.90	2183.00	2208.00	2183.20	2160.00	1681.40
Train 2								
Planned unavailable hours	0	0	0.90	2.50	0	4.70	14.20	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1278.50	670.00	2035.90	2183.00	2208.00	2183.20	2160.00	1681.40
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0%**	**0%**	**0.1%**	**0.1%**

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	0	0	0.65	0	7.18	26.60	24.20	3.37
Unplanned unavailable hours	11.60	4.28	4.42	0	0	0	0	0
Fault exposure hours	45.30	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1278.60	670.00	2066.00	2183.00	2208.00	2209.00	2160.00	1742.50
Train 2								
Planned unavailable hours	0	0	5.01	4.32	0	19.00	5.20	10.08
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	1278.60	670.00	2066.00	2183.00	2208.00	2209.00	2160.00	1742.50
Indicator value	**0.3%**	**0.4%**	**0.4%**	**0.4%**	**0.3%**	**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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0.10	0	4.50	20.80	0	0	11.00	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1278.50	670.00	2065.60	2183.00	2208.00	2209.00	2160.00	1742.50
Train 2								
Planned unavailable hours	0.02	0	0	11.30	14.20	0	0	34.40
Unplanned unavailable hours	23.20	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	1278.50	670.00	2065.60	2183.00	2208.00	2209.00	2160.00	1742.50
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	750.10	421.70	94.40	0	0	0	0	407.90
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	1.50
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	806.00	325.70	94.40	0	0	0	0	407.90

Indicator value	**0.4%**	**0.4%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	**3Q/00**	**4Q/00**	**1Q/01**	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	**0**	**0**	**0**	**1**	**1**	**1**	**1**	**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	0.003120	0.003390	0.003460	N/A	N/A	0.001590	0.002850	0.001690	0.001760	0.001800	0.001820	0.001980
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.3**	**0.3**	**N/A**	**N/A**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**

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	0.001940	0.002090	0.002090	0.002130	0.002050	0.002080	0.002220	0.002260	0.002270	0.002550	0.001100	0.001150
Technical specification limit	1.0	1.0	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**	**0.2**	**0.3**	**0.1**	**0.1**

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	0.172	0.002	0.002	N/A	N/A	0.006	0.254	0.209	0.206	0.220	0.238	0.291
Technical specification limit	10.0	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**	**0**	**0**	**N/A**	**N/A**	**0.1**	**2.5**	**2.1**	**2.1**	**2.2**	**2.4**	**2.9**

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.260	0.256	0.276	0.265	0.283	0.257	0.259	0.286	0.255	0.283	0.004	0.003
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.6**	**2.6**	**2.8**	**2.7**	**2.8**	**2.6**	**2.6**	**2.9**	**2.6**	**2.8**	**0**	**0**

Licensee Comments:

6/02: Due to a malfunctioning Quench Tank level indication, "TOTAL" RCS leakage is reported for April in lieu of "IDENTIFIED" leakage. The level indication was repaired during a refueling outage and "IDENTIFIED" leakage is reported for May and June.

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	55.0	16.0	37.0	69.0	161.0	60.0	71.0	60.0
Total opportunities	56.0	16.0	40.0	72.0	165.0	64.0	73.0	61.0
Indicator value	**99.0%**	**98.9%**	**98.3%**	**97.9%**	**97.5%**	**97.0%**	**96.5%**	**96.7%**

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	98.0	101.0	107.0	104.0	108.0	120.0	123.0	125.0
Total Key personnel	105.0	111.0	114.0	112.0	111.0	121.0	123.0	125.0
Indicator value	**93.3%**	**91.0%**	**93.9%**	**92.9%**	**97.3%**	**99.2%**	**100.0%**	**100.0%**

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	144	142	144	145	144	139	143	144
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**98.0%**	**97.8%**	**97.8%**	**97.8%**	**97.8%**	**97.3%**	**97.1%**	**96.9%**

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	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

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	21.60	39.50	196.90	41.10	115.20	29.40	213.10	91.20
CCTV compensatory hours	27.0	4.5	2.5	19.9	13.7	1.5	0	2.6
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.010**	**0.007**	**0.011**	**0.013**	**0.015**	**0.015**	**0.015**	**0.016**

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

Arkansas Nuclear 2

3Q/2002 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	582.0	2035.9	2183.0	2208.0	2183.2	2160.0	1681.4	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0.8**	**0.8**	**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	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	1.0	0	0	1.0	0
Critical hours	582.0	2035.9	2183.0	2208.0	2183.2	2160.0	1681.4	2208.0
Indicator value	**0**	**0**	**0**	**1.0**	**0.8**	**0.8**	**1.7**	**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	2.80	0	18.70	0	0	0	0	0
Unplanned unavailable hours	1.80	68.60	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	10.40	0	0	0	0	0
Unplanned unavailable hours	0	0	4.86	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%**	**0.4%**	**0.4%**	**0.4%**	**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	0	3.50	0	3.80	0	20.80	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	670.00	2035.90	2183.00	2208.00	2183.20	2160.00	1681.40	2208.00
Train 2								
Planned unavailable hours	0	0.90	2.50	0	4.70	14.20	0	1.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	670.00	2035.90	2183.00	2208.00	2183.20	2160.00	1681.40	2208.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0%**	**0%**	**0.1%**	**0.1%**	**0.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0	0.65	0	7.18	26.60	24.20	3.37	0
Unplanned unavailable hours	4.28	4.42	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	670.00	2066.00	2183.00	2208.00	2209.00	2160.00	1742.50	2208.00
Train 2								
Planned unavailable hours	0	5.01	4.32	0	19.00	5.20	10.08	4.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	670.00	2066.00	2183.00	2208.00	2209.00	2160.00	1742.50	2208.00
Indicator value	**0.4%**	**0.4%**	**0.4%**	**0.3%**	**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	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	0	4.50	20.80	0	0	11.00	0	33.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	670.00	2065.60	2183.00	2208.00	2209.00	2160.00	1742.50	2208.00
Train 2								
Planned unavailable hours	0	0	11.30	14.20	0	0	34.40	28.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	670.00	2065.60	2183.00	2208.00	2209.00	2160.00	1742.50	2208.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	421.70	94.40	0	0	0	0	407.90	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	1.50	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	325.70	94.40	0	0	0	0	407.90	0
Indicator value	**0.4%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	N/A	N/A	0.001590	0.002850	0.001690	0.001760	0.001800	0.001820	0.001980	0.001940	0.002090	0.002090
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**N/A**	**N/A**	**0.2**	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**

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	0.002130	0.002050	0.002080	0.002220	0.002260	0.002270	0.002550	0.001100	0.001150	0.001200	0.001260	0.001270
Technical specification limit	1.0	1.0	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**	**0.3**	**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	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	N/A	N/A	0.006	0.254	0.209	0.206	0.220	0.238	0.291	0.260	0.256	0.276
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**N/A**	**N/A**	**0.1**	**2.5**	**2.1**	**2.1**	**2.2**	**2.4**	**2.9**	**2.6**	**2.6**	**2.8**

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	0.265	0.283	0.257	0.259	0.286	0.255	0.283	0.004	0.003	0.002	0.003	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.7**	**2.8**	**2.6**	**2.6**	**2.9**	**2.6**	**2.8**	**0**	**0**	**0**	**0**	**0**

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	16.0	37.0	69.0	161.0	60.0	71.0	60.0	69.0
Total opportunities	16.0	40.0	72.0	165.0	64.0	73.0	61.0	69.0
Indicator value	**98.9%**	**98.3%**	**97.9%**	**97.5%**	**97.0%**	**96.5%**	**96.7%**	**97.0%**

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	101.0	107.0	104.0	108.0	120.0	123.0	125.0	129.0
Total Key personnel	111.0	114.0	112.0	111.0	121.0	123.0	125.0	129.0
Indicator value	**91.0%**	**93.9%**	**92.9%**	**97.3%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**

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	142	144	145	144	139	143	144	142
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**97.8%**	**97.8%**	**97.8%**	**97.8%**	**97.3%**	**97.1%**	**96.9%**	**96.6%**

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	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/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

Protected Area Security Performance Index

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	39.50	196.90	41.10	115.20	29.40	213.10	91.20	107.20
CCTV compensatory hours	4.5	2.5	19.9	13.7	1.5	0	2.6	14.1
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.007**	**0.011**	**0.013**	**0.015**	**0.015**	**0.015**	**0.016**	**0.016**

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

Arkansas Nuclear 2

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	0	1.0	0	0	0	1.0
Critical hours	2035.9	2183.0	2208.0	2183.2	2160.0	1681.4	2208.0	2191.2
Indicator value	**0**	**0**	**0**	**0.8**	**0.8**	**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	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

Unplanned Power Changes per 7000 Critical Hrs

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	1.0	0	0	1.0	0	0
Critical hours	2035.9	2183.0	2208.0	2183.2	2160.0	1681.4	2208.0	2191.2
Indicator value	**0**	**0**	**1.0**	**0.8**	**0.8**	**1.7**	**0.9**	**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	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	0	18.70	0	0	0	0	0	0
Unplanned unavailable hours	68.60	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	10.40	0	0	0	0	0	7.80
Unplanned unavailable hours	0	4.86	0	0	0	0	0	14.60
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%**	**0.4%**	**0.4%**	**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	3.50	0	3.80	0	20.80	0	0	1.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2035.90	2183.00	2208.00	2183.20	2160.00	1681.40	2208.00	2191.20
Train 2								
Planned unavailable hours	0.90	2.50	0	4.70	14.20	0	1.90	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2035.90	2183.00	2208.00	2183.20	2160.00	1681.40	2208.00	2191.20
Indicator value	**0.1%**	**0.1%**	**0%**	**0%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

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	0.65	0	7.18	26.60	24.20	3.37	0	6.00
Unplanned unavailable hours	4.42	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	2066.00	2183.00	2208.00	2209.00	2160.00	1742.50	2208.00	2209.00
Train 2								
Planned unavailable hours	5.01	4.32	0	19.00	5.20	10.08	4.40	14.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2066.00	2183.00	2208.00	2209.00	2160.00	1742.50	2208.00	2209.00
Indicator value	**0.4%**	**0.4%**	**0.3%**	**0.4%**	**0.5%**	**0.5%**	**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	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	4.50	20.80	0	0	11.00	0	33.00	0.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2065.60	2183.00	2208.00	2209.00	2160.00	1742.50	2208.00	2209.00
Train 2								
Planned unavailable hours	0	11.30	14.20	0	0	34.40	28.90	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2065.60	2183.00	2208.00	2209.00	2160.00	1742.50	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	94.40	0	0	0	0	407.90	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	1.50	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	94.40	0	0	0	0	407.90	0	0
Indicator value	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.2%**

Licensee Comments: none

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	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	0.002850	0.001690	0.001760	0.001800	0.001820	0.001980	0.001940	0.002090	0.002090	0.002130	0.002050	0.002080
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**

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	0.002220	0.002260	0.002270	0.002550	0.001100	0.001150	0.001200	0.001260	0.001270	0.001300	0.001420	0.001410
Technical specification limit	1.0	1.0	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**	**0.3**	**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	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	0.254	0.209	0.206	0.220	0.238	0.291	0.260	0.256	0.276	0.265	0.283	0.257
Technical specification limit	10.0	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**	**2.1**	**2.1**	**2.2**	**2.4**	**2.9**	**2.6**	**2.6**	**2.8**	**2.7**	**2.8**	**2.6**

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	0.259	0.286	0.255	0.283	0.004	0.003	0.002	0.003	0.002	0.003	0.002	0.209
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.6**	**2.9**	**2.6**	**2.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2.1**

Licensee Comments:

12/02: Due to an unstable Quenck Tank level indication, the December leakage reported is total leakage in lieu of identified leakage.

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	37.0	69.0	161.0	60.0	71.0	60.0	69.0	38.0
Total opportunities	40.0	72.0	165.0	64.0	73.0	61.0	69.0	39.0
Indicator value	**98.3%**	**97.9%**	**97.5%**	**97.0%**	**96.5%**	**96.7%**	**97.0%**	**96.9%**

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	107.0	104.0	108.0	120.0	123.0	125.0	129.0	126.0
Total Key personnel	114.0	112.0	111.0	121.0	123.0	125.0	129.0	126.0
Indicator value	**93.9%**	**92.9%**	**97.3%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful siren-tests	144	145	144	139	143	144	142	144
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**97.8%**	**97.8%**	**97.8%**	**97.3%**	**97.1%**	**96.9%**	**96.6%**	**97.4%**

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	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/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	196.90	41.10	115.20	29.40	213.10	91.20	107.20	20.30
CCTV compensatory hours	2.5	19.9	13.7	1.5	0	2.6	14.1	0
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.011**	**0.013**	**0.015**	**0.015**	**0.015**	**0.016**	**0.016**	**0.015**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: January 30, 2003

Arkansas Nuclear 2

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	0	1.0	0	0	0	1.0	0
Critical hours	2183.0	2208.0	2183.2	2160.0	1681.4	2208.0	2191.2	2160.0
Indicator value	**0**	**0**	**0.8**	**0.8**	**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	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	1.0	0	0	1.0	0	0	0
Critical hours	2183.0	2208.0	2183.2	2160.0	1681.4	2208.0	2191.2	2160.0
Indicator value	**0**	**1.0**	**0.8**	**0.8**	**1.7**	**0.9**	**0.8**	**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	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	18.70	0	0	0	0	0	0	5.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	10.40	0	0	0	0	0	7.80	4.72
Unplanned unavailable hours	4.86	0	0	0	0	0	14.60	0
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	**0.4%**	**0.4%**	**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	0	3.80	0	20.80	0	0	1.00	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2183.20	2160.00	1681.40	2208.00	2191.20	2160.00
Train 2								
Planned unavailable hours	2.50	0	4.70	14.20	0	1.90	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2183.20	2160.00	1681.40	2208.00	2191.20	2160.00
Indicator value	**0.1%**	**0%**	**0%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

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	0	7.18	26.60	24.20	3.37	0	6.00	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1742.50	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	4.32	0	19.00	5.20	10.08	4.40	14.90	14.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1742.50	2208.00	2209.00	2160.00
Indicator value	**0.4%**	**0.3%**	**0.4%**	**0.5%**	**0.5%**	**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/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	20.80	0	0	11.00	0	33.00	0.80	10.00
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	1742.50	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	11.30	14.20	0	0	34.40	28.90	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	1742.50	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	407.90	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	1.50	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	407.90	0	0	0

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

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	1	0	0	0	0	0	0	0
Indicator value	**1**	**1**	**1**	**1**	**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	0.001800	0.001820	0.001980	0.001940	0.002090	0.002090	0.002130	0.002050	0.002080	0.002220	0.002260	0.002270
Technical specification limit	1.0	1.0	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**	**0.2**	**0.2**	**0.2**	**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	0.002550	0.001100	0.001150	0.001200	0.001260	0.001270	0.001300	0.001420	0.001410	0.001440	0.001590	0.001560
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**

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	0.220	0.238	0.291	0.260	0.256	0.276	0.265	0.283	0.257	0.259	0.286	0.255
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.2**	**2.4**	**2.9**	**2.6**	**2.6**	**2.8**	**2.7**	**2.8**	**2.6**	**2.6**	**2.9**	**2.6**

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	0.283	0.004	0.003	0.002	0.003	0.002	0.003	0.002	0.209	0.187	0.238	0.226
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2.1**	**1.9**	**2.4**	**2.3**

Licensee Comments:

3/03: Due to an unstable Quench Tank Level indication, Total RCS Leakage is being reported in lieu of Identified Leakage.

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	69.0	161.0	60.0	71.0	60.0	69.0	38.0	45.0
Total opportunities	72.0	165.0	64.0	73.0	61.0	69.0	39.0	46.0
Indicator value	**97.9%**	**97.5%**	**97.0%**	**96.5%**	**96.7%**	**97.0%**	**96.9%**	**97.3%**

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	104.0	108.0	120.0	123.0	125.0	129.0	126.0	117.0
Total Key personnel	112.0	111.0	121.0	123.0	125.0	129.0	126.0	117.0
Indicator value	**92.9%**	**97.3%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful siren-tests	145	144	139	143	144	142	144	146
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**97.8%**	**97.8%**	**97.3%**	**97.1%**	**96.9%**	**96.6%**	**97.4%**	**98.0%**

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	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/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	41.10	115.20	29.40	213.10	91.20	107.20	20.30	47.40
CCTV compensatory hours	19.9	13.7	1.5	0	2.6	14.1	0	0
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.013**	**0.015**	**0.015**	**0.015**	**0.016**	**0.016**	**0.015**	**0.010**

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

Arkansas Nuclear 2

2Q/2003 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned scrams	0	1.0	0	0	0	1.0	0	0
Critical hours	2208.0	2183.2	2160.0	1681.4	2208.0	2191.2	2160.0	2183.0
Indicator value	**0**	**0.8**	**0.8**	**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	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	1.0	0	0	1.0	0	0	0	0
Critical hours	2208.0	2183.2	2160.0	1681.4	2208.0	2191.2	2160.0	2183.0
Indicator value	**1.0**	**0.8**	**0.8**	**1.7**	**0.9**	**0.8**	**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	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	0	0	0	0	0	0	5.80	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	0	0	0	0	7.80	4.72	0
Unplanned unavailable hours	0	0	0	0	0	14.60	0	0
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	**0.4%**	**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	3.80	0	20.80	0	0	1.00	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2183.20	2160.00	1681.40	2208.00	2191.20	2160.00	2183.00
Train 2								
Planned unavailable hours	0	4.70	14.20	0	1.90	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2183.20	2160.00	1681.40	2208.00	2191.20	2160.00	2183.00
Indicator value	**0%**	**0%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

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	7.18	26.60	24.20	3.37	0	6.00	0	12.10
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	2208.00	2209.00	2160.00	1742.50	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	19.00	5.20	10.08	4.40	14.90	14.90	2.60
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	1742.50	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.3%**	**0.4%**	**0.5%**	**0.5%**	**0.4%**	**0.5%**	**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	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	0	0	11.00	0	33.00	0.80	10.00	0.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1742.50	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	14.20	0	0	34.40	28.90	0	0	15.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	1742.50	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	407.90	0	0	0	0
Train 4								
Planned unavailable hours	0	0	0	1.50	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	407.90	0	0	0	0

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

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**	**1**	**1**	**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	0.001940	0.002090	0.002090	0.002130	0.002050	0.002080	0.002220	0.002260	0.002270	0.002550	0.001100	0.001150
Technical specification limit	1.0	1.0	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**	**0.2**	**0.3**	**0.1**	**0.1**

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	0.001200	0.001260	0.001270	0.001300	0.001420	0.001410	0.001440	0.001590	0.001560	0.001580	0.001620	0.001640
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**

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	0.260	0.256	0.276	0.265	0.283	0.257	0.259	0.286	0.255	0.283	0.004	0.003
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.6**	**2.6**	**2.8**	**2.7**	**2.8**	**2.6**	**2.6**	**2.9**	**2.6**	**2.8**	**0**	**0**

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	0.002	0.003	0.002	0.003	0.002	0.209	0.187	0.238	0.226	0.176	0.181	0.166
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**2.1**	**1.9**	**2.4**	**2.3**	**1.8**	**1.8**	**1.7**

Licensee Comments:

6/03: Total RCS Leakage is being reported in lieu of identified leakage due to an unstable Quench Tank Level indication.

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	161.0	60.0	71.0	60.0	69.0	38.0	45.0	78.0
Total opportunities	165.0	64.0	73.0	61.0	69.0	39.0	46.0	79.0
Indicator value	**97.5%**	**97.0%**	**96.5%**	**96.7%**	**97.0%**	**96.9%**	**97.3%**	**97.7%**

Licensee Comments: none

Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	108.0	120.0	123.0	123.0	129.0	126.0	117.0	123.0
Total Key personnel	111.0	121.0	123.0	123.0	129.0	126.0	117.0	123.0
Indicator value	**97.3%**	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments:

2Q/03: During a second quarter 2003 audit, it was determined that the second quarter 2002 ERO Drill Participation numbers should have been 123 participated of 123 total, not the 125 of 125 that was originally reported. The second quarter 2002 data has been revised.

2Q/02: During a second quarter 2003 audit, it was determined that the second quarter 2002 ERO Drill Participation numbers should have been 123 participated of 123 total, not the 125 of 125 that was originally reported.

Alert & Notification System

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	144	139	143	144	142	144	146	143
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**97.8%**	**97.3%**	**97.1%**	**96.9%**	**96.6%**	**97.4%**	**98.0%**	**97.8%**

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	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

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	115.20	29.40	213.10	91.20	107.20	20.30	47.40	25.90
CCTV compensatory hours	13.7	1.5	0	2.6	14.1	0	0	0
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.015**	**0.015**	**0.015**	**0.016**	**0.016**	**0.015**	**0.010**	**0.007**

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

Arkansas Nuclear 2

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	1.0	0	0	0	1.0	0	0	0
Critical hours	2183.2	2160.0	1681.4	2208.0	2191.2	2160.0	2183.0	2037.9
Indicator value	**0.8**	**0.8**	**0.9**	**0.9**	**0.8**	**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	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	1.0	0	0	0	0	1.0
Critical hours	2183.2	2160.0	1681.4	2208.0	2191.2	2160.0	2183.0	2037.9
Indicator value	**0.8**	**0.8**	**1.7**	**0.9**	**0.8**	**0.8**	**0**	**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	0	0	0	0	0	5.80	0	0.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	0	0	7.80	4.72	0	0
Unplanned unavailable hours	0	0	0	0	14.60	0	0	36.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	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	0	20.80	0	0	1.00	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.20	2160.00	1681.40	2208.00	2191.20	2160.00	2183.00	2037.90
Train 2								
Planned unavailable hours	4.70	14.20	0	1.90	0	0	0	1.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.20	2160.00	1681.40	2208.00	2191.20	2160.00	2183.00	2037.90
Indicator value	**0%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

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/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	26.60	24.20	3.37	0	6.00	0	12.10	18.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1742.50	2208.00	2209.00	2160.00	2183.00	2047.20
Train 2								
Planned unavailable hours	19.00	5.20	10.08	4.40	14.90	14.90	2.60	8.60
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	2209.00	2160.00	1742.50	2208.00	2209.00	2160.00	2183.00	2047.20
Indicator value	**0.4%**	**0.5%**	**0.5%**	**0.4%**	**0.5%**	**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	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	0	11.00	0	33.00	0.80	10.00	0.30	8.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1742.50	2208.00	2209.00	2160.00	2183.00	2047.20
Train 2								
Planned unavailable hours	0	0	34.40	28.90	0	0	15.90	13.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	1742.50	2208.00	2209.00	2160.00	2183.00	2047.20
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	407.90	0	0	0	0	160.80
Train 4								
Planned unavailable hours	0	0	1.50	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	407.90	0	0	0	0	52.00

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

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	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	**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	0.002130	0.002050	0.002080	0.002220	0.002260	0.002270	0.002550	0.001100	0.001150	0.001200	0.001260	0.001270
Technical specification limit	1.0	1.0	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**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.001300	0.001420	0.001410	0.001440	0.001590	0.001560	0.001580	0.001620	0.001640	0.001830	0.001800	0.002710
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.265	0.283	0.257	0.259	0.286	0.255	0.283	0.004	0.003	0.002	0.003	0.002
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.7**	**2.8**	**2.6**	**2.6**	**2.9**	**2.6**	**2.8**	**0**	**0**	**0**	**0**	**0**

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	0.003	0.002	0.209	0.187	0.238	0.226	0.176	0.181	0.166	0.212	0.281	0.296
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0**	**0**	**2.1**	**1.9**	**2.4**	**2.3**	**1.8**	**1.8**	**1.7**	**2.1**	**2.8**	**3.0**

Licensee Comments:

9/03: Total RCS Leakage is being reported in lieu of Identified Leakage, due to an unstable Quench Tank level indication.

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	60.0	71.0	60.0	69.0	38.0	45.0	78.0	43.0
Total opportunities	64.0	73.0	61.0	69.0	39.0	46.0	79.0	45.0
Indicator value	**97.0%**	**96.5%**	**96.7%**	**97.0%**	**96.9%**	**97.3%**	**97.7%**	**97.5%**

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	123.0	123.0	129.0	126.0	117.0	123.0	126.0
Total Key personnel	121.0	123.0	123.0	129.0	126.0	117.0	123.0	126.0
Indicator value	**99.2%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful siren-tests	139	143	144	142	144	146	143	146
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**97.3%**	**97.1%**	**96.9%**	**96.6%**	**97.4%**	**98.0%**	**97.8%**	**98.5%**

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	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/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	29.40	213.10	91.20	107.20	20.30	47.40	25.90	15.10
CCTV compensatory hours	1.5	0	2.6	14.1	0	0	0	54.4
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.015**	**0.015**	**0.016**	**0.016**	**0.015**	**0.010**	**0.007**	**0.006**

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

Arkansas Nuclear 2

4Q/2003 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2160.0	1681.4	2208.0	2191.2	2160.0	2183.0	2037.9	1801.9
Indicator value	**0.8**	**0.9**	**0.9**	**0.8**	**0.8**	**0.8**	**0.8**	**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	1.0	0	0	0	0	1.0	1.0
Critical hours	2160.0	1681.4	2208.0	2191.2	2160.0	2183.0	2037.9	1801.9
Indicator value	**0.8**	**1.7**	**0.9**	**0.8**	**0.8**	**0**	**0.8**	**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	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	0	0	0	0	5.80	0	0.40	10.33
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	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	0	0	7.80	4.72	0	0	0
Unplanned unavailable hours	0	0	0	14.60	0	0	36.20	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	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: none

Safety System Unavailability, High Pressure Injection System (HPSI)

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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	20.80	0	0	1.00	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1681.40	2208.00	2191.20	2160.00	2183.00	2037.90	1801.90
Train 2								
Planned unavailable hours	14.20	0	1.90	0	0	0	1.40	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1681.40	2208.00	2191.20	2160.00	2183.00	2037.90	1801.90
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

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/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	24.20	3.37	0	6.00	0	12.10	18.40	7.58
Unplanned unavailable hours	0	0	0	0	0	0	0	5.98
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	1742.50	2208.00	2209.00	2160.00	2183.00	2047.20	1855.50
Train 2								
Planned unavailable hours	5.20	10.08	4.40	14.90	14.90	2.60	8.60	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1742.50	2208.00	2209.00	2160.00	2183.00	2047.20	1855.50
Indicator value	**0.5%**	**0.5%**	**0.4%**	**0.5%**	**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	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	11.00	0	33.00	0.80	10.00	0.30	8.20	10.40
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1742.50	2208.00	2209.00	2160.00	2183.00	2047.20	1856.50
Train 2								
Planned unavailable hours	0	34.40	28.90	0	0	15.90	13.80	19.83
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	1742.50	2208.00	2209.00	2160.00	2183.00	2047.20	1856.50
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	407.90	0	0	0	0	160.80	198.30
Train 4								
Planned unavailable hours	0	1.50	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	407.90	0	0	0	0	52.00	352.50

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

Licensee Comments: none

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.002220	0.002260	0.002270	0.002550	0.001100	0.001150	0.001200	0.001260	0.001270	0.001300	0.001420	0.001410
Technical specification limit	1.0	1.0	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**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.001440	0.001590	0.001560	0.001580	0.001620	0.001640	0.001830	0.001800	0.002710	0.000887	0.000882	0.000893
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**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	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.259	0.286	0.255	0.283	0.004	0.003	0.002	0.003	0.002	0.003	0.002	0.209
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.6**	**2.9**	**2.6**	**2.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2.1**

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	0.187	0.238	0.226	0.176	0.181	0.166	0.212	0.281	0.296	0.204	0.250	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	**1.9**	**2.4**	**2.3**	**1.8**	**1.8**	**1.7**	**2.1**	**2.8**	**3.0**	**2.0**	**2.5**	**1.5**

Licensee Comments:

12/03: Total RCS Leakage is being reported in lieu of Identified Leakage due to an unstable Quench Tank level indication

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	71.0	60.0	69.0	38.0	45.0	78.0	43.0	44.0
Total opportunities	73.0	61.0	69.0	39.0	46.0	79.0	45.0	46.0
Indicator value	**96.5%**	**96.7%**	**97.0%**	**96.9%**	**97.3%**	**97.7%**	**97.5%**	**97.8%**

Licensee Comments: none

ERO Drill Participation

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	123.0	123.0	129.0	126.0	117.0	123.0	126.0	118.0
Total Key personnel	123.0	123.0	129.0	126.0	117.0	123.0	126.0	118.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful siren-tests	143	144	142	144	146	143	146	146
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**97.1%**	**96.9%**	**96.6%**	**97.4%**	**98.0%**	**97.8%**	**98.5%**	**98.8%**

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	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

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	213.10	91.20	107.20	20.30	47.40	25.90	15.10	70.40
CCTV compensatory hours	0	2.6	14.1	0	0	0	54.4	0
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.015**	**0.016**	**0.016**	**0.015**	**0.010**	**0.007**	**0.006**	**0.008**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: January 23, 2004

Arkansas Nuclear 2

1Q/2004 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	1681.4	2208.0	2191.2	2160.0	2183.0	2037.9	1801.9	2124.2
Indicator value	**0.9**	**0.9**	**0.8**	**0.8**	**0.8**	**0.8**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**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/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned power changes	1.0	0	0	0	0	1.0	1.0	0
Critical hours	1681.4	2208.0	2191.2	2160.0	2183.0	2037.9	1801.9	2124.2
Indicator value	**1.7**	**0.9**	**0.8**	**0.8**	**0**	**0.8**	**1.7**	**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/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	0	0	5.80	0	0.40	10.33	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	0	0	7.80	4.72	0	0	0	4.70
Unplanned unavailable hours	0	0	14.60	0	0	36.20	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	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%**	**0.2%**

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/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	0	1.00	0	0	0	0	1.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1681.40	2208.00	2191.20	2160.00	2183.00	2037.90	1801.90	2124.20
Train 2								
Planned unavailable hours	0	1.90	0	0	0	1.40	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1681.40	2208.00	2191.20	2160.00	2183.00	2037.90	1801.90	2124.20
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

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	3.37	0	6.00	0	12.10	18.40	7.58	0
Unplanned unavailable hours	0	0	0	0	0	0	5.98	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1742.50	2208.00	2209.00	2160.00	2183.00	2047.20	1855.50	2184.00
Train 2								
Planned unavailable hours	10.08	4.40	14.90	14.90	2.60	8.60	0	9.00
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	1742.50	2208.00	2209.00	2160.00	2183.00	2047.20	1855.50	2184.00
Indicator value	**0.5%**	**0.4%**	**0.5%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	33.00	0.80	10.00	0.30	8.20	10.40	21.70
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	1742.50	2208.00	2209.00	2160.00	2183.00	2047.20	1856.50	2184.00
Train 2								
Planned unavailable hours	34.40	28.90	0	0	15.90	13.80	19.83	8.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1742.50	2208.00	2209.00	2160.00	2183.00	2047.20	1856.50	2184.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	407.90	0	0	0	0	160.80	198.30	0
Train 4								
Planned unavailable hours	1.50	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	407.90	0	0	0	0	52.00	352.50	0
Indicator value	**0.4%**	**0.4%**	**0.2%**	**0.3%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum activity	0.002550	0.001100	0.001150	0.001200	0.001260	0.001270	0.001300	0.001420	0.001410	0.001440	0.001590	0.001560
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**

Reactor Coolant System Activity	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	0.001580	0.001620	0.001640	0.001830	0.001800	0.002710	0.000887	0.000882	0.000893	0.000940	0.000974	0.000986
Technical specification limit	1.0	1.0	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**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0.283	0.004	0.003	0.002	0.003	0.002	0.003	0.002	0.209	0.187	0.238	0.226
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2.1**	**1.9**	**2.4**	**2.3**

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	0.176	0.181	0.166	0.212	0.281	0.296	0.204	0.250	0.147	0.169	0.179	0.166
Technical specification limit	10.0	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**	**1.8**	**1.7**	**2.1**	**2.8**	**3.0**	**2.0**	**2.5**	**1.5**	**1.7**	**1.8**	**1.7**

Licensee Comments:

3/04: Total RCS Leakage is being reported in lieu of Identified Leakage due to an unstable Quench Tank Level Indication.

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	60.0	69.0	38.0	45.0	78.0	43.0	44.0	13.0
Total opportunities	61.0	69.0	39.0	46.0	79.0	45.0	46.0	13.0
Indicator value	**96.7%**	**97.0%**	**96.9%**	**97.3%**	**97.7%**	**97.5%**	**97.8%**	**98.0%**

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	123.0	129.0	126.0	117.0	123.0	126.0	118.0	116.0
Total Key personnel	123.0	129.0	126.0	117.0	123.0	126.0	118.0	117.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.1%**

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	144	142	144	146	143	146	146	146
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**96.9%**	**96.6%**	**97.4%**	**98.0%**	**97.8%**	**98.5%**	**98.8%**	**98.8%**

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	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/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	91.20	107.20	20.30	47.40	25.90	15.10	70.40	21.20
CCTV compensatory hours	2.6	14.1	0	0	0	54.4	0	4.7
IDS normalization factor	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
CCTV normalization factor	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Index Value	**0.016**	**0.016**	**0.015**	**0.010**	**0.007**	**0.006**	**0.008**	**0.008**

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

Arkansas Nuclear 2

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	1.0	0	0	0	0	0	0
Critical hours	2208.0	2191.2	2160.0	2183.0	2037.9	1801.9	2124.2	2183.0
Indicator value	**0.9**	**0.8**	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**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	0	0	0	0	1.0	1.0	0	0
Critical hours	2208.0	2191.2	2160.0	2183.0	2037.9	1801.9	2124.2	2183.0
Indicator value	**0.9**	**0.8**	**0.8**	**0**	**0.8**	**1.7**	**1.7**	**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	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	0	0	5.80	0	0.40	10.33	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	19.63
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	0	7.80	4.72	0	0	0	4.70	6.62
Unplanned unavailable hours	0	14.60	0	0	36.20	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	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%**	**0.2%**	**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/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	0	1.00	0	0	0	0	1.20	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2191.20	2160.00	2183.00	2037.90	1801.90	2124.20	2183.00
Train 2								
Planned unavailable hours	1.90	0	0	0	1.40	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2191.20	2160.00	2183.00	2037.90	1801.90	2124.20	2183.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

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	0	6.00	0	12.10	18.40	7.58	0	9.20
Unplanned unavailable hours	0	0	0	0	0	5.98	0	0
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	2047.20	1855.50	2184.00	2183.00
Train 2								
Planned unavailable hours	4.40	14.90	14.90	2.60	8.60	0	9.00	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2047.20	1855.50	2184.00	2183.00
Indicator value	**0.4%**	**0.5%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	33.00	0.80	10.00	0.30	8.20	10.40	21.70	0
Unplanned unavailable hours	0	0	0	0	0	0	0	10.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2047.20	1856.50	2184.00	2183.00
Train 2								
Planned unavailable hours	28.90	0	0	15.90	13.80	19.83	8.90	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2047.20	1856.50	2184.00	2183.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	160.80	198.30	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	52.00	352.50	0	0
Indicator value	**0.4%**	**0.2%**	**0.3%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments:

2Q/04: Train 1 Containment Spray: 1,006.5 hours of T/2 fault exposure.

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**
Maximum activity	0.001200	0.001260	0.001270	0.001300	0.001420	0.001410	0.001440	0.001590	0.001560	0.001580	0.001620	0.001640
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**
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	0.001830	0.001800	0.002710	0.000887	0.000882	0.000893	0.000940	0.000974	0.000986	0.001090	0.001080	0.001140
Technical specification limit	1.0	1.0	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**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	0.002	0.003	0.002	0.003	0.002	0.209	0.187	0.238	0.226	0.176	0.181	0.166
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**2.1**	**1.9**	**2.4**	**2.3**	**1.8**	**1.8**	**1.7**

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	0.212	0.281	0.296	0.204	0.250	0.147	0.169	0.179	0.166	0.177	0.163	0.146
Technical specification limit	10.0	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**	**2.8**	**3.0**	**2.0**	**2.5**	**1.5**	**1.7**	**1.8**	**1.7**	**1.8**	**1.6**	**1.5**

Licensee Comments:

6/04: Total RCS Leakage is being reported in lieu of Identified Leakage due to an unstable Quench Tank Level Indication.

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	69.0	38.0	45.0	78.0	43.0	44.0	13.0	13.0
Total opportunities	69.0	39.0	46.0	79.0	45.0	46.0	13.0	14.0
Indicator value	**97.0%**	**96.9%**	**97.3%**	**97.7%**	**97.5%**	**97.8%**	**98.0%**	**97.7%**

Licensee Comments: none

ERO Drill Participation

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	129.0	126.0	117.0	123.0	126.0	118.0	116.0	108.0
Total Key personnel	129.0	126.0	117.0	123.0	126.0	118.0	117.0	111.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.1%**	**97.3%**

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	142	144	146	143	146	146	146	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**96.6%**	**97.4%**	**98.0%**	**97.8%**	**98.5%**	**98.8%**	**98.8%**	**99.5%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**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/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.

Arkansas Nuclear 2

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	1.0	0	0	0	0	0	0	0
Critical hours	2191.2	2160.0	2183.0	2037.9	1801.9	2124.2	2183.0	2137.9
Indicator value	**0.8**	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**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	0	0	0	1.0	1.0	0	0	1.0
Critical hours	2191.2	2160.0	2183.0	2037.9	1801.9	2124.2	2183.0	2137.9
Indicator value	**0.8**	**0.8**	**0**	**0.8**	**1.7**	**1.7**	**1.7**	**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	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0	5.80	0	0.40	10.33	0	0	15.79
Unplanned unavailable hours	0	0	0	0	0	0	19.63	0
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	7.80	4.72	0	0	0	4.70	6.62	0
Unplanned unavailable hours	14.60	0	0	36.20	0	0	0	2.45
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	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%**	**0.2%**	**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/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	1.00	0	0	0	0	1.20	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2191.20	2160.00	2183.00	2037.90	1801.90	2124.20	2183.00	2137.90
Train 2								
Planned unavailable hours	0	0	0	1.40	0	0	0	0.50
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	2191.20	2160.00	2183.00	2037.90	1801.90	2124.20	2183.00	2137.90
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	6.00	0	12.10	18.40	7.58	0	9.20	0
Unplanned unavailable hours	0	0	0	0	5.98	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	2047.20	1855.50	2184.00	2183.00	2174.00
Train 2								
Planned unavailable hours	14.90	14.90	2.60	8.60	0	9.00	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2047.20	1855.50	2184.00	2183.00	2174.00
Indicator value	**0.5%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0.80	10.00	0.30	8.20	10.40	21.70	0	5.60
Unplanned unavailable hours	0	0	0	0	0	0	10.80	0
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	2047.20	1856.50	2184.00	2183.00	2164.60
Train 2								
Planned unavailable hours	0	0	15.90	13.80	19.83	8.90	0	0.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2047.20	1856.50	2184.00	2183.00	2164.60
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	160.80	198.30	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	52.00	352.50	0	0	43.40
Indicator value	**0.2%**	**0.3%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**
Maximum activity	0.001300	0.001420	0.001410	0.001440	0.001590	0.001560	0.001580	0.001620	0.001640	0.001830	0.001800	0.002710
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**

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	0.000887	0.000882	0.000893	0.000940	0.000974	0.000986	0.001090	0.001080	0.001140	0.001170	0.001190	0.001710
Technical specification limit	1.0	1.0	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	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	0.003	0.002	0.209	0.187	0.238	0.226	0.176	0.181	0.166	0.212	0.281	0.296
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0**	**0**	**2.1**	**1.9**	**2.4**	**2.3**	**1.8**	**1.8**	**1.7**	**2.1**	**2.8**	**3.0**

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	0.204	0.250	0.147	0.169	0.179	0.166	0.177	0.163	0.146	0.263	0.120	0.225
Technical specification limit	10.0	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**	**2.5**	**1.5**	**1.7**	**1.8**	**1.7**	**1.8**	**1.6**	**1.5**	**2.6**	**1.2**	**2.3**

Licensee Comments:

9/04: Total RCS Leakage is being reported in lieu of Identified Leakage, due to an unstable Quench Tank Level Indication.

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	38.0	45.0	78.0	43.0	44.0	13.0	13.0	37.0
Total opportunities	39.0	46.0	79.0	45.0	46.0	13.0	14.0	37.0
Indicator value	**96.9%**	**97.3%**	**97.7%**	**97.5%**	**97.8%**	**98.0%**	**97.7%**	**97.5%**

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	126.0	117.0	123.0	126.0	118.0	116.0	108.0	109.0
Total Key personnel	126.0	117.0	123.0	126.0	118.0	117.0	111.0	109.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.1%**	**97.3%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful siren-tests	144	146	143	146	146	146	147	143
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**97.4%**	**98.0%**	**97.8%**	**98.5%**	**98.8%**	**98.8%**	**99.5%**	**99.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**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/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

Arkansas Nuclear 2

4Q/2004 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2037.9	1801.9	2124.2	2183.0	2137.9	2176.5
Indicator value	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	**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	1.0	1.0	0	0	1.0	0
Critical hours	2160.0	2183.0	2037.9	1801.9	2124.2	2183.0	2137.9	2176.5
Indicator value	**0.8**	**0**	**0.8**	**1.7**	**1.7**	**1.7**	**1.7**	**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	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	5.80	0	0.40	10.33	0	0	15.79	0
Unplanned unavailable hours	0	0	0	0	0	19.63	0	0
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	4.72	0	0	0	4.70	6.62	0	4.62
Unplanned unavailable hours	0	0	36.20	0	0	0	2.45	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	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%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	0	0	0	0	1.20	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2037.90	1801.90	2124.20	2183.00	2137.90	2176.50
Train 2								
Planned unavailable hours	0	0	1.40	0	0	0	0.50	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2037.90	1801.90	2124.20	2183.00	2137.90	2176.50
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	0	12.10	18.40	7.58	0	9.20	0	0
Unplanned unavailable hours	0	0	0	5.98	0	0	0	29.80
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2047.20	1855.50	2184.00	2183.00	2174.00	2209.00
Train 2								
Planned unavailable hours	14.90	2.60	8.60	0	9.00	0	0	23.70
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	2047.20	1855.50	2184.00	2183.00	2174.00	2209.00
Indicator value	**0.5%**	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	10.00	0.30	8.20	10.40	21.70	0	5.60	3.00
Unplanned unavailable hours	0	0	0	0	0	10.80	0	0
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	2047.20	1856.50	2184.00	2183.00	2164.60	2209.00
Train 2								
Planned unavailable hours	0	15.90	13.80	19.83	8.90	0	0.50	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2047.20	1856.50	2184.00	2183.00	2164.60	2209.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	160.80	198.30	0	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	52.00	352.50	0	0	43.40	0
Indicator value	**0.3%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**
Maximum activity	0.001440	0.001590	0.001560	0.001580	0.001620	0.001640	0.001830	0.001800	0.002710	0.000887	0.000882	0.000893
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.1**	**0.1**	**0.1**
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	0.000940	0.000974	0.000986	0.001090	0.001080	0.001140	0.001170	0.001190	0.001710	0.001870	0.001270	0.001280
Technical specification limit	1.0	1.0	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**	**0.2**	**0.1**	**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	0.187	0.238	0.226	0.176	0.181	0.166	0.212	0.281	0.296	0.204	0.250	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	**1.9**	**2.4**	**2.3**	**1.8**	**1.8**	**1.7**	**2.1**	**2.8**	**3.0**	**2.0**	**2.5**	**1.5**
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	0.169	0.179	0.166	0.177	0.163	0.146	0.263	0.120	0.225	0.165	0.157	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	**1.7**	**1.8**	**1.7**	**1.8**	**1.6**	**1.5**	**2.6**	**1.2**	**2.3**	**1.7**	**1.6**	**1.6**

Licensee Comments:

12/04: Total RCS Leakage is being reported in lieu of Identified Leakage, due to an unstable Quench Tank Level Indication.

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	45.0	78.0	43.0	44.0	13.0	13.0	37.0	30.0
Total opportunities	46.0	79.0	45.0	46.0	13.0	14.0	37.0	30.0
Indicator value	**97.3%**	**97.7%**	**97.5%**	**97.8%**	**98.0%**	**97.7%**	**97.5%**	**97.7%**

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	117.0	123.0	126.0	118.0	116.0	108.0	109.0	114.0
Total Key personnel	117.0	123.0	126.0	118.0	117.0	111.0	109.0	114.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.1%**	**97.3%**	**100.0%**	**100.0%**

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	146	143	146	146	146	147	143	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**98.0%**	**97.8%**	**98.5%**	**98.8%**	**98.8%**	**99.5%**	**99.0%**	**99.1%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**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/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

Arkansas Nuclear 2

1Q/2005 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2037.9	1801.9	2124.2	2183.0	2137.9	2176.5	1608.7
Indicator value	**0.8**	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	**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	1.0	1.0	0	0	1.0	0	0
Critical hours	2183.0	2037.9	1801.9	2124.2	2183.0	2137.9	2176.5	1608.7
Indicator value	**0**	**0.8**	**1.7**	**1.7**	**1.7**	**1.7**	**0.8**	**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	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	0	0.40	10.33	0	0	15.79	0	11.55
Unplanned unavailable hours	0	0	0	0	19.63	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	0	0	0	4.70	6.62	0	4.62	13.77
Unplanned unavailable hours	0	36.20	0	0	0	2.45	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	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	0	0	0	1.20	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2037.90	1801.90	2124.20	2183.00	2137.90	2176.50	1608.70
Train 2								
Planned unavailable hours	0	1.40	0	0	0	0.50	0	5.90
Unplanned unavailable hours	0	0	0	0	0	0	0	13.60
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	2037.90	1801.90	2124.20	2183.00	2137.90	2176.50	1608.70
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

Licensee Comments:

1Q/05: Past Fault Exposure hours for both trains are being evaluated, due to a failure of the swing High Pressure Injection Pump. If applicable, these hours will be reported in the next quarterly submittal.

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	12.10	18.40	7.58	0	9.20	0	0	9.90
Unplanned unavailable hours	0	0	5.98	0	0	0	29.80	0
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	2047.20	1855.50	2184.00	2183.00	2174.00	2209.00	1629.00
Train 2								
Planned unavailable hours	2.60	8.60	0	9.00	0	0	23.70	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2047.20	1855.50	2184.00	2183.00	2174.00	2209.00	1629.00
Indicator value	**0.5%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	0.30	8.20	10.40	21.70	0	5.60	3.00	17.30
Unplanned unavailable hours	0	0	0	0	10.80	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	2047.20	1856.50	2184.00	2183.00	2164.60	2209.00	1622.70
Train 2								
Planned unavailable hours	15.90	13.80	19.83	8.90	0	0.50	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	13.60
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	2047.20	1856.50	2184.00	2183.00	2164.60	2209.00	1622.70
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	160.80	198.30	0	0	0	0	266.70
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	52.00	352.50	0	0	43.40	0	266.70
Indicator value	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**
Maximum activity	0.001580	0.001620	0.001640	0.001830	0.001800	0.002710	0.000887	0.000882	0.000893	0.000940	0.000974	0.000986
Technical specification limit	1.0	1.0	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**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
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	0.001090	0.001080	0.001140	0.001170	0.001190	0.001710	0.001870	0.001270	0.001280	0.001400	0.001360	0.004440
Technical specification limit	1.0	1.0	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**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.4**

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	0.176	0.181	0.166	0.212	0.281	0.296	0.204	0.250	0.147	0.169	0.179	0.166
Technical specification limit	10.0	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**	**1.8**	**1.7**	**2.1**	**2.8**	**3.0**	**2.0**	**2.5**	**1.5**	**1.7**	**1.8**	**1.7**
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	0.177	0.163	0.146	0.263	0.120	0.225	0.165	0.157	0.159	0.203	0.178	0.255
Technical specification limit	10.0	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**	**2.6**	**1.2**	**2.3**	**1.7**	**1.6**	**1.6**	**2.0**	**1.8**	**2.6**

Licensee Comments:

3/05: Total RCS Leakage is being reported in lieu of Identified Leakage, due to an unstable quench tank indication.

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	78.0	43.0	44.0	13.0	13.0	37.0	30.0	0
Total opportunities	79.0	45.0	46.0	13.0	14.0	37.0	30.0	0
Indicator value	**97.7%**	**97.5%**	**97.8%**	**98.0%**	**97.7%**	**97.5%**	**97.7%**	**97.7%**

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	123.0	126.0	118.0	116.0	108.0	109.0	114.0	112.0
Total Key personnel	123.0	126.0	118.0	117.0	111.0	109.0	114.0	113.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**99.1%**	**97.3%**	**100.0%**	**100.0%**	**99.1%**

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	143	146	146	146	147	143	147	143
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**97.8%**	**98.5%**	**98.8%**	**98.8%**	**99.5%**	**99.0%**	**99.1%**	**98.6%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: June 17, 2005

Arkansas Nuclear 2

2Q/2005 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2037.9	1801.9	2124.2	2183.0	2137.9	2176.5	1608.7	1964.2
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	1.0	1.0	0	0	1.0	0	0	0
Critical hours	2037.9	1801.9	2124.2	2183.0	2137.9	2176.5	1608.7	1964.2
Indicator value	**0.8**	**1.7**	**1.7**	**1.7**	**1.7**	**0.8**	**0.9**	**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	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	0.40	10.33	0	0	15.79	0	11.55	9.53
Unplanned unavailable hours	0	0	0	19.63	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	0	0	4.70	6.62	0	4.62	13.77	10.18
Unplanned unavailable hours	36.20	0	0	0	2.45	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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	0	0	1.20	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2037.90	1801.90	2124.20	2183.00	2137.90	2176.50	1608.70	1964.20
Train 2								
Planned unavailable hours	1.40	0	0	0	0.50	0	5.90	0
Unplanned unavailable hours	0	0	0	0	0	0	13.60	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2037.90	1801.90	2124.20	2183.00	2137.90	2176.50	1608.70	1964.20
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**

Licensee Comments:

2Q/05: The swing High Pressure Safety Injection Pump (2P-89C) Fault Exposure hours initially referred to in the 1st quarter 2005 submittal have been evaluated by Engineering. It has been determined that the Train 2 HPSI was exposed to 14.18 hours of T/2 fault exposure hours on 02/10/2005.

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	18.40	7.58	0	9.20	0	0	9.90	0
Unplanned unavailable hours	0	5.98	0	0	0	29.80	0	9.90
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2047.20	1855.50	2184.00	2183.00	2174.00	2209.00	1629.00	2014.00
Train 2								
Planned unavailable hours	8.60	0	9.00	0	0	23.70	0	12.10
Unplanned unavailable hours	0	0	0	0	0	0	0	17.40
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2047.20	1855.50	2184.00	2183.00	2174.00	2209.00	1629.00	2014.00
Indicator value	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	8.20	10.40	21.70	0	5.60	3.00	17.30	0
Unplanned unavailable hours	0	0	0	10.80	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	2047.20	1856.50	2184.00	2183.00	2164.60	2209.00	1622.70	2004.80
Train 2								
Planned unavailable hours	13.80	19.83	8.90	0	0.50	0	0	24.50
Unplanned unavailable hours	0	0	0	0	0	0	13.60	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2047.20	1856.50	2184.00	2183.00	2164.60	2209.00	1622.70	2004.80
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	160.80	198.30	0	0	0	0	266.70	1643.20
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	52.00	352.50	0	0	43.40	0	266.70	1643.20
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.2%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**
Maximum activity	0.001830	0.001800	0.002710	0.000887	0.000882	0.000893	0.000940	0.000974	0.000986	0.001090	0.001080	0.001140
Technical specification limit	1.0	1.0	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**	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.001170	0.001190	0.001710	0.001870	0.001270	0.001280	0.001400	0.001360	0.004440	0.000876	0.000929	0.000957
Technical specification limit	1.0	1.0	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**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.4**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.212	0.281	0.296	0.204	0.250	0.147	0.169	0.179	0.166	0.177	0.163	0.146
Technical specification limit	10.0	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**	**2.8**	**3.0**	**2.0**	**2.5**	**1.5**	**1.7**	**1.8**	**1.7**	**1.8**	**1.6**	**1.5**
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	0.263	0.120	0.225	0.165	0.157	0.159	0.203	0.178	0.255	0.219	0.277	0.138
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.6**	**1.2**	**2.3**	**1.7**	**1.6**	**1.6**	**2.0**	**1.8**	**2.6**	**2.2**	**2.8**	**1.4**

Licensee Comments:

6/05: Total RCS Leak Rate is being reported for this indicator.

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	43.0	44.0	13.0	13.0	37.0	30.0	0	40.0
Total opportunities	45.0	46.0	13.0	14.0	37.0	30.0	0	42.0
Indicator value	**97.5%**	**97.8%**	**98.0%**	**97.7%**	**97.5%**	**97.7%**	**97.7%**	**96.9%**

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	126.0	118.0	116.0	108.0	109.0	114.0	112.0	118.0
Total Key personnel	126.0	118.0	117.0	111.0	109.0	114.0	113.0	118.0
Indicator value	**100.0%**	**100.0%**	**99.1%**	**97.3%**	**100.0%**	**100.0%**	**99.1%**	**100.0%**

Licensee Comments: none

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	146	146	146	147	143	147	143	138
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**98.5%**	**98.8%**	**98.8%**	**99.5%**	**99.0%**	**99.1%**	**98.6%**	**97.1%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: August 3, 2005

Arkansas Nuclear 2

3Q/2005 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1801.9	2124.2	2183.0	2137.9	2176.5	1608.7	1964.2	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	1.0	0	0	1.0	0	0	0	1.0
Critical hours	1801.9	2124.2	2183.0	2137.9	2176.5	1608.7	1964.2	2208.0
Indicator value	**1.7**	**1.7**	**1.7**	**1.7**	**0.8**	**0.9**	**0.9**	**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/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	10.33	0	0	15.79	0	11.55	9.53	5.75
Unplanned unavailable hours	0	0	19.63	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	0	4.70	6.62	0	4.62	13.77	10.18	6.87
Unplanned unavailable hours	0	0	0	2.45	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.3%**	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	0	1.20	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1801.90	2124.20	2183.00	2137.90	2176.50	1608.70	1964.20	2208.00
Train 2								
Planned unavailable hours	0	0	0	0.50	0	5.90	0	0
Unplanned unavailable hours	0	0	0	0	0	13.60	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1801.90	2124.20	2183.00	2137.90	2176.50	1608.70	1964.20	2208.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0%**

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/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	7.58	0	9.20	0	0	9.90	0	6.20
Unplanned unavailable hours	5.98	0	0	0	29.80	0	9.90	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	1855.50	2184.00	2183.00	2174.00	2209.00	1629.00	2014.00	2208.00
Train 2								
Planned unavailable hours	0	9.00	0	0	23.70	0	12.10	0
Unplanned unavailable hours	0	0	0	0	0	0	17.40	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1855.50	2184.00	2183.00	2174.00	2209.00	1629.00	2014.00	2208.00
Indicator value	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	10.40	21.70	0	5.60	3.00	17.30	0	56.20
Unplanned unavailable hours	0	0	10.80	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	1856.50	2184.00	2183.00	2164.60	2209.00	1622.70	2004.80	2208.00
Train 2								
Planned unavailable hours	19.83	8.90	0	0.50	0	0	24.50	0
Unplanned unavailable hours	0	0	0	0	0	13.60	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1856.50	2184.00	2183.00	2164.60	2209.00	1622.70	2004.80	2208.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	198.30	0	0	0	0	266.70	1643.20	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	352.50	0	0	43.40	0	266.70	1643.20	0
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.2%**

Licensee Comments: none

Thresholds: White > 5.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**
Maximum activity	0.000887	0.000882	0.000893	0.000940	0.000974	0.000986	0.001090	0.001080	0.001140	0.001170	0.001190	0.001710
Technical specification limit	1.0	1.0	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	**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	0.001870	0.001270	0.001280	0.001400	0.001360	0.004440	0.000876	0.000929	0.000957	0.000977	0.001100	0.001050
Technical specification limit	1.0	1.0	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**	**0.4**	**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	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.204	0.250	0.147	0.169	0.179	0.166	0.177	0.163	0.146	0.263	0.120	0.225
Technical specification limit	10.0	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**	**2.5**	**1.5**	**1.7**	**1.8**	**1.7**	**1.8**	**1.6**	**1.5**	**2.6**	**1.2**	**2.3**
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	0.165	0.157	0.159	0.203	0.178	0.255	0.219	0.277	0.138	0.145	0.178	0.175
Technical specification limit	10.0	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**	**2.0**	**1.8**	**2.6**	**2.2**	**2.8**	**1.4**	**1.5**	**1.8**	**1.8**

Licensee Comments:

9/05: Total RCS Leakage is being reported in lieu of Identified Leakage.

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	44.0	13.0	13.0	37.0	30.0	0	40.0	29.0
Total opportunities	46.0	13.0	14.0	37.0	30.0	0	42.0	30.0
Indicator value	**97.8%**	**98.0%**	**97.7%**	**97.5%**	**97.7%**	**97.7%**	**96.9%**	**97.2%**

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	118.0	116.0	108.0	109.0	114.0	112.0	118.0	121.0
Total Key personnel	118.0	117.0	111.0	109.0	114.0	113.0	118.0	121.0
Indicator value	**100.0%**	**99.1%**	**97.3%**	**100.0%**	**100.0%**	**99.1%**	**100.0%**	**100.0%**

Licensee Comments: none

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	146	146	147	143	147	143	142	136
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**98.8%**	**98.8%**	**99.5%**	**99.0%**	**99.1%**	**98.6%**	**97.8%**	**96.6%**

Licensee Comments:

2Q/05: Siren testing for ANO is initiated by the Arkansas Department of Health (ADH). For the month of April, 2005, the ADH originally reported 5 siren failures due to an encoder malfunction. During a recent Alert Notification System assessment, it was identified that only 1 of the 5 sirens was actually scheduled for testing during the encoder failure. Each of the other 4 sirens were already scheduled for later in the month and, in fact, passed their scheduled tests. The number of successful siren tests for April 2005 has been revised from 44 to 48.

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: November 3, 2005

Arkansas Nuclear 2

4Q/2005 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2124.2	2183.0	2137.9	2176.5	1608.7	1964.2	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	1.0	0	0	0	1.0	0
Critical hours	2124.2	2183.0	2137.9	2176.5	1608.7	1964.2	2208.0	2209.0
Indicator value	**1.7**	**1.7**	**1.7**	**0.8**	**0.9**	**0.9**	**0.9**	**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	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	0	0	15.79	0	11.55	9.53	5.75	0
Unplanned unavailable hours	0	19.63	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
Train 2								
Planned unavailable hours	4.70	6.62	0	4.62	13.77	10.18	6.87	23.55
Unplanned unavailable hours	0	0	2.45	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	1.20	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2124.20	2183.00	2137.90	2176.50	1608.70	1964.20	2208.00	2209.00
Train 2								
Planned unavailable hours	0	0	0.50	0	5.90	0	0	0
Unplanned unavailable hours	0	0	0	0	13.60	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	2124.20	2183.00	2137.90	2176.50	1608.70	1964.20	2208.00	2209.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0%**	**0%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	0	9.20	0	0	9.90	0	6.20	0
Unplanned unavailable hours	0	0	0	29.80	0	9.90	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	2184.00	2183.00	2174.00	2209.00	1629.00	2014.00	2208.00	2209.00
Train 2								
Planned unavailable hours	9.00	0	0	23.70	0	12.10	0	0
Unplanned unavailable hours	0	0	0	0	0	17.40	0	0
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	2174.00	2209.00	1629.00	2014.00	2208.00	2209.00
Indicator value	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	21.70	0	5.60	3.00	17.30	0	56.20	0
Unplanned unavailable hours	0	10.80	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	2164.60	2209.00	1622.70	2004.80	2208.00	2209.00
Train 2								
Planned unavailable hours	8.90	0	0.50	0	0	24.50	0	0
Unplanned unavailable hours	0	0	0	0	13.60	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	2164.60	2209.00	1622.70	2004.80	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	0	266.70	1643.20	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	43.40	0	266.70	1643.20	0	0
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**
Maximum activity	0.000940	0.000974	0.000986	0.001090	0.001080	0.001140	0.001170	0.001190	0.001710	0.001870	0.001270	0.001280
Technical specification limit	1.0	1.0	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**	**0.2**	**0.1**	**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	0.001400	0.001360	0.004440	0.000876	0.000929	0.000957	0.000977	0.001100	0.001050	0.001130	0.001130	0.001120
Technical specification limit	1.0	1.0	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**	**0.4**	**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	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum leakage	0.169	0.179	0.166	0.177	0.163	0.146	0.263	0.120	0.225	0.165	0.157	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	**1.7**	**1.8**	**1.7**	**1.8**	**1.6**	**1.5**	**2.6**	**1.2**	**2.3**	**1.7**	**1.6**	**1.6**
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	0.203	0.178	0.255	0.219	0.277	0.138	0.145	0.178	0.175	0.140	0.171	0.169
Technical specification limit	10.0	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**	**1.8**	**2.6**	**2.2**	**2.8**	**1.4**	**1.5**	**1.8**	**1.8**	**1.4**	**1.7**	**1.7**

Licensee Comments:

12/05: Total Leakage is being reported in lieu of Identified Leakage.

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	13.0	13.0	37.0	30.0	0	40.0	29.0	2.0
Total opportunities	13.0	14.0	37.0	30.0	0	42.0	30.0	2.0
Indicator value	**98.0%**	**97.7%**	**97.5%**	**97.7%**	**97.7%**	**96.9%**	**97.2%**	**97.6%**

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	116.0	108.0	109.0	114.0	112.0	118.0	121.0	118.0
Total Key personnel	117.0	111.0	109.0	114.0	113.0	118.0	121.0	118.0
Indicator value	**99.1%**	**97.3%**	**100.0%**	**100.0%**	**99.1%**	**100.0%**	**100.0%**	**100.0%**

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	146	147	143	147	143	142	136	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**98.8%**	**99.5%**	**99.0%**	**99.1%**	**98.6%**	**97.8%**	**96.6%**	**96.6%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: January 30, 2006

Arkansas Nuclear 2

1Q/2006 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2137.9	2176.5	1608.7	1964.2	2208.0	2209.0	2160.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	1.0	0	0	0	1.0	0	0
Critical hours	2183.0	2137.9	2176.5	1608.7	1964.2	2208.0	2209.0	2160.0
Indicator value	**1.7**	**1.7**	**0.8**	**0.9**	**0.9**	**0.9**	**0.9**	**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	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0	15.79	0	11.55	9.53	5.75	0	20.53
Unplanned unavailable hours	19.63	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	6.62	0	4.62	13.77	10.18	6.87	23.55	3.63
Unplanned unavailable hours	0	2.45	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.2%**	**0.2%**	**0.3%**	**0.3%**	**0.3%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

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

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2137.90	2176.50	1608.70	1964.20	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	0.50	0	5.90	0	0	0	0
Unplanned unavailable hours	0	0	0	13.60	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	2137.90	2176.50	1608.70	1964.20	2208.00	2209.00	2160.00
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0.1%**	**0%**	**0%**	**0%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)

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

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	9.20	0	0	9.90	0	6.20	0	19.40
Unplanned unavailable hours	0	0	29.80	0	9.90	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	2183.00	2174.00	2209.00	1629.00	2014.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	0	23.70	0	12.10	0	0	13.30
Unplanned unavailable hours	0	0	0	0	17.40	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	2174.00	2209.00	1629.00	2014.00	2208.00	2209.00	2160.00
Indicator value	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**	**0.4%**

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	0	5.60	3.00	17.30	0	56.20	0	0
Unplanned unavailable hours	10.80	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	2164.60	2209.00	1622.70	2004.80	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	0	0.50	0	0	24.50	0	0	0
Unplanned unavailable hours	0	0	0	13.60	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	2164.60	2209.00	1622.70	2004.80	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	266.70	1643.20	0	0	0
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	43.40	0	266.70	1643.20	0	0	0
Indicator value	**0.3%**	**0.3%**	**0.3%**	**0.3%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**
Maximum activity	0.001090	0.001080	0.001140	0.001170	0.001190	0.001710	0.001870	0.001270	0.001280	0.001400	0.001360	0.004440
Technical specification limit	1.0	1.0	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**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.4**
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	0.000876	0.000929	0.000957	0.000977	0.001100	0.001050	0.001130	0.001130	0.001120	0.001270	0.001330	0.001300
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**
Maximum leakage	0.177	0.163	0.146	0.263	0.120	0.225	0.165	0.157	0.159	0.203	0.178	0.255
Technical specification limit	10.0	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**	**2.6**	**1.2**	**2.3**	**1.7**	**1.6**	**1.6**	**2.0**	**1.8**	**2.6**
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	0.219	0.277	0.138	0.145	0.178	0.175	0.140	0.171	0.169	0.123	0.118	0.104
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.2**	**2.8**	**1.4**	**1.5**	**1.8**	**1.8**	**1.4**	**1.7**	**1.7**	**1.2**	**1.2**	**1.0**

Licensee Comments:

3/06: Total RCS Leakage is being reported in lieu of Identified Leakage.

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	13.0	37.0	30.0	0	40.0	29.0	2.0	11.0
Total opportunities	14.0	37.0	30.0	0	42.0	30.0	2.0	11.0
Indicator value	**97.7%**	**97.5%**	**97.7%**	**97.7%**	**96.9%**	**97.2%**	**97.6%**	**97.6%**

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	108.0	109.0	114.0	112.0	118.0	121.0	118.0	113.0
Total Key personnel	111.0	109.0	114.0	113.0	118.0	121.0	118.0	113.0
Indicator value	**97.3%**	**100.0%**	**100.0%**	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	147	143	147	143	142	136	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.5%**	**99.0%**	**99.1%**	**98.6%**	**97.8%**	**96.6%**	**96.6%**	**97.3%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: May 5, 2006

Arkansas Nuclear 2

2Q/2006 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2137.9	2176.5	1608.7	1964.2	2208.0	2209.0	2160.0	2183.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/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	1.0	0	0	0	1.0	0	0	0
Critical hours	2137.9	2176.5	1608.7	1964.2	2208.0	2209.0	2160.0	2183.0
Indicator value	**1.7**	**0.8**	**0.9**	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	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	**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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								4.20E-08
URI (ΔCDF)								-1.50E-07
PLE								NO
Indicator value								**-1.08E-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)								-1.10E-08
URI (ΔCDF)								-5.70E-08
PLE								NO
Indicator value								**-6.80E-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	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								4.40E-09
URI (ΔCDF)								1.20E-08
PLE								NO
Indicator value								**1.64E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-1.40E-10
URI (ΔCDF)								3.90E-09
PLE								NO
Indicator value								**3.76E-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	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								0.00E+00
URI (ΔCDF)								8.60E-08
PLE								NO
Indicator value								**8.60E-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	0.001170	0.001190	0.001710	0.001870	0.001270	0.001280	0.001400	0.001360	0.004440	0.000876	0.000929	0.000957
Technical specification limit	1.0	1.0	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**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.4**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**
Maximum activity	0.000977	0.001100	0.001050	0.001130	0.001130	0.001120	0.001270	0.001330	0.001300	0.001360	0.001450	0.001620
Technical specification limit	1.0	1.0	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	**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	0.263	0.120	0.225	0.165	0.157	0.159	0.203	0.178	0.255	0.219	0.277	0.138
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.6**	**1.2**	**2.3**	**1.7**	**1.6**	**1.6**	**2.0**	**1.8**	**2.6**	**2.2**	**2.8**	**1.4**
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	0.145	0.178	0.175	0.140	0.171	0.169	0.123	0.118	0.104	0.113	0.118	0.344
Technical specification limit	10.0	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**	**1.8**	**1.8**	**1.4**	**1.7**	**1.7**	**1.2**	**1.2**	**1.0**	**1.1**	**1.2**	**3.4**

Licensee Comments:

6/06: Total Leakage is being reported in lieu of identified leakage. The maximum June leak rate was slightly higher due to a Charging Header valve packing leak, which was located and isolated.

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	37.0	30.0	0	40.0	29.0	2.0	11.0	52.0
Total opportunities	37.0	30.0	0	42.0	30.0	2.0	11.0	53.0
Indicator value	**97.5%**	**97.7%**	**97.7%**	**96.9%**	**97.2%**	**97.6%**	**97.6%**	**98.0%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Participating Key personnel	109.0	114.0	112.0	118.0	121.0	118.0	113.0	117.0
Total Key personnel	109.0	114.0	113.0	118.0	121.0	118.0	113.0	117.0
Indicator value	**100.0%**	**100.0%**	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful siren-tests	143	147	143	142	136	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.0%**	**99.1%**	**98.6%**	**97.8%**	**96.6%**	**96.6%**	**97.3%**	**98.1%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: August 2, 2006

Arkansas Nuclear 2

3Q/2006 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2176.5	1608.7	1964.2	2208.0	2209.0	2160.0	2183.0	1942.1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2176.5	1608.7	1964.2	2208.0	2209.0	2160.0	2183.0	1942.1
Indicator value	**0.8**	**0.9**	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**	**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)							4.20E-08	3.30E-08
URI (ΔCDF)							-1.50E-07	-2.40E-07
PLE							NO	NO
Indicator value							**-1.08E-07**	**-2.07E-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)							-1.10E-08	-1.10E-08
URI (ΔCDF)							-5.70E-08	-5.60E-08
PLE							NO	NO
Indicator value							**-6.80E-08**	**-6.70E-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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							4.40E-09	6.60E-09
URI (ΔCDF)							1.20E-08	5.50E-08
PLE							NO	NO
Indicator value							**1.64E-08**	**6.16E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/04**	**1Q/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**
UAI (ΔCDF)							-1.40E-10	-1.30E-10
URI (ΔCDF)							3.90E-09	3.80E-09
PLE							NO	NO
Indicator value							**3.76E-09**	**3.67E-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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							0.00E+00	0.00E+00
URI (ΔCDF)							8.60E-08	-4.10E-08
PLE							NO	NO
Indicator value							**8.60E-08**	**-4.10E-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	0.001870	0.001270	0.001280	0.001400	0.001360	0.004440	0.000876	0.000929	0.000957	0.000977	0.001100	0.001050
Technical specification limit	1.0	1.0	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**	**0.4**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Reactor Coolant System Activity	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**
Maximum activity	0.001130	0.001130	0.001120	0.001270	0.001330	0.001300	0.001360	0.001450	0.001620	0.001650	0.002210	0.017400
Technical specification limit	1.0	1.0	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**	**0.2**	**0.2**	**1.7**

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	0.165	0.157	0.159	0.203	0.178	0.255	0.219	0.277	0.138	0.145	0.178	0.175
Technical specification limit	10.0	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**	**2.0**	**1.8**	**2.6**	**2.2**	**2.8**	**1.4**	**1.5**	**1.8**	**1.8**
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	0.140	0.171	0.169	0.123	0.118	0.104	0.113	0.118	0.344	0.111	0.121	0.124
Technical specification limit	10.0	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**	**1.7**	**1.7**	**1.2**	**1.2**	**1.0**	**1.1**	**1.2**	**3.4**	**1.1**	**1.2**	**1.2**

Licensee Comments:

9/06: Total Leakage is being reported in lieu of Identified Leakage.

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	30.0	0	40.0	29.0	2.0	11.0	52.0	10.0
Total opportunities	30.0	0	42.0	30.0	2.0	11.0	53.0	10.0
Indicator value	**97.7%**	**97.7%**	**96.9%**	**97.2%**	**97.6%**	**97.6%**	**98.0%**	**97.8%**

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	114.0	112.0	118.0	121.0	118.0	113.0	117.0	118.0
Total Key personnel	114.0	113.0	118.0	121.0	118.0	113.0	117.0	118.0
Indicator value	**100.0%**	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	147	143	142	136	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.1%**	**98.6%**	**97.8%**	**96.6%**	**96.6%**	**97.3%**	**98.1%**	**100.0%**

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

Arkansas Nuclear 2

4Q/2006 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1608.7	1964.2	2208.0	2209.0	2160.0	2183.0	1942.1	1535.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	0	0	1.0	0	0	0	0	1.0
Critical hours	1608.7	1964.2	2208.0	2209.0	2160.0	2183.0	1942.1	1535.2
Indicator value	**0.9**	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**	**0**	**0.9**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**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/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**
UAI (ΔCDF)						4.20E-08	3.30E-08	3.20E-08
URI (ΔCDF)						-1.50E-07	-2.40E-07	-2.40E-07
PLE						NO	NO	NO
Indicator value						**-1.08E-07**	**-2.07E-07**	**-2.08E-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)						-1.10E-08	-1.10E-08	-1.10E-08
URI (ΔCDF)						-5.70E-08	-5.60E-08	-5.40E-08
PLE						NO	NO	NO
Indicator value						**-6.80E-08**	**-6.70E-08**	**-6.50E-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/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						4.40E-09	6.60E-09	6.50E-09
URI (ΔCDF)						1.20E-08	5.50E-08	5.50E-08
PLE						NO	NO	NO
Indicator value						**1.64E-08**	**6.16E-08**	**6.15E-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/05**	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**
UAI (ΔCDF)						-1.40E-10	-1.30E-10	-1.40E-10
URI (ΔCDF)						3.90E-09	3.80E-09	2.50E-09
PLE						NO	NO	NO
Indicator value						**3.76E-09**	**3.67E-09**	**2.36E-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	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)						8.60E-08	-4.10E-08	-4.20E-08
PLE						NO	NO	NO
Indicator value						**8.60E-08**	**-4.10E-08**	**-4.20E-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	0.001400	0.001360	0.004440	0.000876	0.000929	0.000957	0.000977	0.001100	0.001050	0.001130	0.001130	0.001120
Technical specification limit	1.0	1.0	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**	**0.4**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Reactor Coolant System Activity	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**
Maximum activity	0.001270	0.001330	0.001300	0.001360	0.001450	0.001620	0.001650	0.002210	0.017400	0.000646	0.000899	0.000652
Technical specification limit	1.0	1.0	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**	**0.2**	**0.2**	**1.7**	**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	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**
Maximum leakage	0.203	0.178	0.255	0.219	0.277	0.138	0.145	0.178	0.175	0.140	0.171	0.169
Technical specification limit	10.0	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**	**1.8**	**2.6**	**2.2**	**2.8**	**1.4**	**1.5**	**1.8**	**1.8**	**1.4**	**1.7**	**1.7**
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	0.123	0.118	0.104	0.113	0.118	0.344	0.111	0.121	0.124	N/A	0.104	0.134
Technical specification limit	10.0	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**	**1.2**	**1.0**	**1.1**	**1.2**	**3.4**	**1.1**	**1.2**	**1.2**	**N/A**	**1.0**	**1.3**

Licensee Comments:

12/06: Total RCS Leakage is being reported for this indicator. The Unit was shut down for the entire month of October with no leak rate determination required for that month.

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	0	40.0	29.0	2.0	11.0	52.0	10.0	17.0
Total opportunities	0	42.0	30.0	2.0	11.0	53.0	10.0	17.0
Indicator value	**97.7%**	**96.9%**	**97.2%**	**97.6%**	**97.6%**	**98.0%**	**97.8%**	**97.6%**

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	112.0	118.0	121.0	118.0	113.0	117.0	118.0	121.0
Total Key personnel	113.0	118.0	121.0	118.0	113.0	117.0	118.0	121.0
Indicator value	**99.1%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	143	142	136	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**98.6%**	**97.8%**	**96.6%**	**96.6%**	**97.3%**	**98.1%**	**100.0%**	**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

Arkansas Nuclear 2

1Q/2007 Performance Indicators

Licensee's General Comments: none

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1964.2	2208.0	2209.0	2160.0	2183.0	1942.1	1535.2	1991.5
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	1.0	0	0	0	0	1.0	1.0
Critical hours	1964.2	2208.0	2209.0	2160.0	2183.0	1942.1	1535.2	1991.5
Indicator value	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**	**0**	**0.9**	**1.8**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**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/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					4.20E-08	3.30E-08	3.20E-08	-1.50E-08
URI (ΔCDF)					-1.50E-07	-2.40E-07	-2.40E-07	-2.20E-07
PLE					NO	NO	NO	NO
Indicator value					**-1.08E-07**	**-2.07E-07**	**-2.08E-07**	**-2.35E-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/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-1.10E-08	-1.10E-08	-1.10E-08	-1.00E-08
URI (ΔCDF)					-5.70E-08	-5.60E-08	-5.40E-08	-5.30E-08
PLE					NO	NO	NO	NO
Indicator value					**-6.80E-08**	**-6.70E-08**	**-6.50E-08**	**-6.30E-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/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (ΔCDF)					4.40E-09	6.60E-09	6.50E-09	1.30E-08
URI (ΔCDF)					1.20E-08	5.50E-08	5.50E-08	5.50E-08
PLE					NO	NO	NO	NO
Indicator value					**1.64E-08**	**6.16E-08**	**6.15E-08**	**6.80E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-1.40E-10	-1.30E-10	-1.40E-10	-1.40E-10
URI (ΔCDF)					3.90E-09	3.80E-09	2.50E-09	2.50E-09
PLE					NO	NO	NO	NO
Indicator value					**3.76E-09**	**3.67E-09**	**2.36E-09**	**2.36E-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	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)					8.60E-08	-4.10E-08	-4.20E-08	-4.20E-08
PLE					NO	NO	NO	NO
Indicator value					**8.60E-08**	**-4.10E-08**	**-4.20E-08**	**-4.20E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**
Maximum activity	0.000876	0.000929	0.000957	0.000977	0.001100	0.001050	0.001130	0.001130	0.001120	0.001270	0.001330	0.001300
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**
Maximum activity	0.001360	0.001450	0.001620	0.001650	0.002210	0.017400	0.000646	0.000899	0.000652	0.015500	0.002430	0.000838
Technical specification limit	1.0	1.0	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**	**0.2**	**0.2**	**1.7**	**0.1**	**0.1**	**0.1**	**1.6**	**0.2**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**
Maximum leakage	0.219	0.277	0.138	0.145	0.178	0.175	0.140	0.171	0.169	0.123	0.118	0.104
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.2**	**2.8**	**1.4**	**1.5**	**1.8**	**1.8**	**1.4**	**1.7**	**1.7**	**1.2**	**1.2**	**1.0**
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	0.113	0.118	0.344	0.111	0.121	0.124	N/A	0.104	0.134	0.149	0.165	0.123
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.1**	**1.2**	**3.4**	**1.1**	**1.2**	**1.2**	**N/A**	**1.0**	**1.3**	**1.5**	**1.7**	**1.2**

Licensee Comments:

3/07: Total Leakage is being reported in lieu of Identified Leakage

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	40.0	29.0	2.0	11.0	52.0	10.0	17.0	7.0
Total opportunities	42.0	30.0	2.0	11.0	53.0	10.0	17.0	7.0
Indicator value	**96.9%**	**97.2%**	**97.6%**	**97.6%**	**98.0%**	**97.8%**	**97.6%**	**97.7%**

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	118.0	121.0	118.0	113.0	117.0	118.0	121.0	115.0
Total Key personnel	118.0	121.0	118.0	113.0	117.0	118.0	121.0	115.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	142	136	147	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**97.8%**	**96.6%**	**96.6%**	**97.3%**	**98.1%**	**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/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

Arkansas Nuclear 2

2Q/2007 Performance Indicators

Licensee's General Comments: none

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2160.0	2183.0	1942.1	1535.2	1991.5	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/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	1.0	0	0	0	0	1.0	1.0	0
Critical hours	2208.0	2209.0	2160.0	2183.0	1942.1	1535.2	1991.5	2184.0
Indicator value	**0.9**	**0.9**	**0.8**	**0.8**	**0**	**0.9**	**1.8**	**1.8**

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**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/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				4.20E-08	3.30E-08	3.20E-08	-1.50E-08	-2.10E-08
URI (ΔCDF)				-1.50E-07	-2.40E-07	-2.40E-07	-2.20E-07	-2.40E-07
PLE				NO	NO	NO	NO	NO
Indicator value				**-1.08E-07**	**-2.07E-07**	**-2.08E-07**	**-2.35E-07**	**-2.61E-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/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				-1.10E-08	-1.10E-08	-1.10E-08	-1.00E-08	-1.00E-08
URI (ΔCDF)				-5.70E-08	-5.60E-08	-5.40E-08	-5.30E-08	-5.00E-08
PLE				NO	NO	NO	NO	NO
Indicator value				**-6.80E-08**	**-6.70E-08**	**-6.50E-08**	**-6.30E-08**	**-6.00E-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/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				4.40E-09	6.60E-09	6.50E-09	1.30E-08	1.30E-08
URI (ΔCDF)				1.20E-08	5.50E-08	5.50E-08	5.50E-08	5.50E-08
PLE				NO	NO	NO	NO	NO
Indicator value				**1.64E-08**	**6.16E-08**	**6.15E-08**	**6.80E-08**	**6.80E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				-1.40E-10	-1.30E-10	-1.40E-10	-1.40E-10	-1.50E-10
URI (ΔCDF)				3.90E-09	3.80E-09	2.50E-09	2.50E-09	1.20E-09
PLE				NO	NO	NO	NO	NO
Indicator value				**3.76E-09**	**3.67E-09**	**2.36E-09**	**2.36E-09**	**1.05E-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	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)				8.60E-08	-4.10E-08	-4.20E-08	-4.20E-08	-4.20E-08
PLE				NO	NO	NO	NO	NO
Indicator value				**8.60E-08**	**-4.10E-08**	**-4.20E-08**	**-4.20E-08**	**-4.20E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**
Maximum activity	0.000977	0.001100	0.001050	0.001130	0.001130	0.001120	0.001270	0.001330	0.001300	0.001360	0.001450	0.001620
Technical specification limit	1.0	1.0	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	**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	0.001650	0.002210	0.017400	0.000646	0.000899	0.000652	0.015500	0.002430	0.000838	0.000825	0.000879	0.001070
Technical specification limit	1.0	1.0	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**	**1.7**	**0.1**	**0.1**	**0.1**	**1.6**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**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	0.145	0.178	0.175	0.140	0.171	0.169	0.123	0.118	0.104	0.113	0.118	0.344
Technical specification limit	10.0	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**	**1.8**	**1.8**	**1.4**	**1.7**	**1.7**	**1.2**	**1.2**	**1.0**	**1.1**	**1.2**	**3.4**
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	0.111	0.121	0.124	N/A	0.104	0.134	0.149	0.165	0.123	0.120	0.133	0.132
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.1**	**1.2**	**1.2**	**N/A**	**1.0**	**1.3**	**1.5**	**1.7**	**1.2**	**1.2**	**1.3**	**1.3**

Licensee Comments:

6/07: Total leakage is being reported in lieu of identified leakage.

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	29.0	2.0	11.0	52.0	10.0	17.0	7.0	23.0
Total opportunities	30.0	2.0	11.0	53.0	10.0	17.0	7.0	23.0
Indicator value	**97.2%**	**97.6%**	**97.6%**	**98.0%**	**97.8%**	**97.6%**	**97.7%**	**98.7%**

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	121.0	118.0	113.0	117.0	118.0	121.0	115.0	111.0
Total Key personnel	121.0	118.0	113.0	117.0	118.0	121.0	115.0	112.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.1%**

Licensee Comments: none

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	136	147	147	147	147	147	147	146
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**96.6%**	**96.6%**	**97.3%**	**98.1%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**

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

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3Q/2007 Performance Indicators

Licensee's General Comments: none

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2160.0	2183.0	1942.1	1535.2	1991.5	2184.0	2208.0
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/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	0	0	0	0	1.0	1.0	0	0
Critical hours	2209.0	2160.0	2183.0	1942.1	1535.2	1991.5	2184.0	2208.0
Indicator value	**0.9**	**0.8**	**0.8**	**0**	**0.9**	**1.8**	**1.8**	**1.8**

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			4.20E-08	3.30E-08	3.20E-08	-1.50E-08	-2.10E-08	-2.20E-08
URI (ΔCDF)			-1.50E-07	-2.40E-07	-2.40E-07	-2.20E-07	-2.40E-07	-2.30E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-1.08E-07**	**-2.07E-07**	**-2.08E-07**	**-2.35E-07**	**-2.61E-07**	**-2.52E-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/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-1.10E-08	-1.10E-08	-1.10E-08	-1.00E-08	-1.00E-08	-1.10E-08
URI (ΔCDF)			-5.70E-08	-5.60E-08	-5.40E-08	-5.30E-08	-5.00E-08	-5.00E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-6.80E-08**	**-6.70E-08**	**-6.50E-08**	**-6.30E-08**	**-6.00E-08**	**-6.10E-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	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			4.40E-09	6.60E-09	6.50E-09	1.30E-08	1.30E-08	1.20E-08
URI (ΔCDF)			1.20E-08	5.50E-08	5.50E-08	5.50E-08	5.50E-08	5.60E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**1.64E-08**	**6.16E-08**	**6.15E-08**	**6.80E-08**	**6.80E-08**	**6.80E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-1.40E-10	-1.30E-10	-1.40E-10	-1.40E-10	-1.50E-10	-1.50E-10
URI (ΔCDF)			3.90E-09	3.80E-09	2.50E-09	2.50E-09	1.20E-09	1.20E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**3.76E-09**	**3.67E-09**	**2.36E-09**	**2.36E-09**	**1.05E-09**	**1.05E-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/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)			8.60E-08	-4.10E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.10E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**8.60E-08**	**-4.10E-08**	**-4.20E-08**	**-4.20E-08**	**-4.20E-08**	**-4.10E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**
Maximum activity	0.001130	0.001130	0.001120	0.001270	0.001330	0.001300	0.001360	0.001450	0.001620	0.001650	0.002210	0.017400
Technical specification limit	1.0	1.0	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**	**0.2**	**0.2**	**1.7**
Reactor Coolant System Activity	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**
Maximum activity	0.000646	0.000899	0.000652	0.015500	0.002430	0.000838	0.000825	0.000879	0.001070	0.001280	0.001620	0.002750
Technical specification limit	1.0	1.0	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**	**1.6**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.3**

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	0.140	0.171	0.169	0.123	0.118	0.104	0.113	0.118	0.344	0.111	0.121	0.124
Technical specification limit	10.0	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**	**1.7**	**1.7**	**1.2**	**1.2**	**1.0**	**1.1**	**1.2**	**3.4**	**1.1**	**1.2**	**1.2**
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	N/A	0.104	0.134	0.149	0.165	0.123	0.120	0.133	0.132	0.114	0.131	0.167
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**N/A**	**1.0**	**1.3**	**1.5**	**1.7**	**1.2**	**1.2**	**1.3**	**1.3**	**1.1**	**1.3**	**1.7**

Licensee Comments:

9/07: Total leakage is being reported in lieu of identified leakage.

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	2.0	11.0	52.0	10.0	17.0	7.0	23.0	21.0
Total opportunities	2.0	11.0	53.0	10.0	17.0	7.0	23.0	22.0
Indicator value	**97.6%**	**97.6%**	**98.0%**	**97.8%**	**97.6%**	**97.7%**	**98.7%**	**98.6%**

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	118.0	113.0	117.0	118.0	121.0	115.0	111.0	107.0
Total Key personnel	118.0	113.0	117.0	118.0	121.0	115.0	112.0	107.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.1%**	**100.0%**

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	147	147	147	147	147	147	146	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**96.6%**	**97.3%**	**98.1%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**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

Arkansas Nuclear 2

4Q/2007 Performance Indicators

Licensee's General Comments: none

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	1942.1	1535.2	1991.5	2184.0	2208.0	2209.0
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/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	0	0	0	1.0	1.0	0	0	0
Critical hours	2160.0	2183.0	1942.1	1535.2	1991.5	2184.0	2208.0	2209.0
Indicator value	**0.8**	**0.8**	**0**	**0.9**	**1.8**	**1.8**	**1.8**	**0.8**

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		4.20E-08	3.30E-08	3.20E-08	-1.50E-08	-2.10E-08	-2.20E-08	-2.10E-08
URI (ΔCDF)		-1.50E-07	-2.40E-07	-2.40E-07	-2.20E-07	-2.40E-07	-2.30E-07	-2.30E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-1.08E-07**	**-2.07E-07**	**-2.08E-07**	**-2.35E-07**	**-2.61E-07**	**-2.52E-07**	**-2.51E-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/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-1.10E-08	-1.10E-08	-1.10E-08	-1.00E-08	-1.00E-08	-1.10E-08	-1.10E-08
URI (ΔCDF)		-5.70E-08	-5.60E-08	-5.40E-08	-5.30E-08	-5.00E-08	-5.00E-08	-4.90E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-6.80E-08**	**-6.70E-08**	**-6.50E-08**	**-6.30E-08**	**-6.00E-08**	**-6.10E-08**	**-6.00E-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)		4.40E-09	6.60E-09	6.50E-09	1.30E-08	1.30E-08	1.20E-08	1.10E-09
URI (ΔCDF)		1.20E-08	5.50E-08	5.50E-08	5.50E-08	5.50E-08	5.60E-08	5.60E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**1.64E-08**	**6.16E-08**	**6.15E-08**	**6.80E-08**	**6.80E-08**	**6.80E-08**	**5.71E-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/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-1.40E-10	-1.30E-10	-1.40E-10	-1.40E-10	-1.50E-10	-1.50E-10	6.00E-10
URI (ΔCDF)		3.90E-09	3.80E-09	2.50E-09	2.50E-09	1.20E-09	1.20E-09	1.20E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**3.76E-09**	**3.67E-09**	**2.36E-09**	**2.36E-09**	**1.05E-09**	**1.05E-09**	**1.80E-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	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-10
URI (ΔCDF)		8.60E-08	-4.10E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.10E-08	-4.00E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**8.60E-08**	**-4.10E-08**	**-4.20E-08**	**-4.20E-08**	**-4.20E-08**	**-4.10E-08**	**-3.99E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**
Maximum activity	0.001270	0.001330	0.001300	0.001360	0.001450	0.001620	0.001650	0.002210	0.017400	0.000646	0.000899	0.000652
Technical specification limit	1.0	1.0	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**	**0.2**	**0.2**	**1.7**	**0.1**	**0.1**	**0.1**
Reactor Coolant System Activity	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**
Maximum activity	0.015500	0.002430	0.000838	0.000825	0.000879	0.001070	0.001280	0.001620	0.002750	0.003240	0.003400	0.005420
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**1.6**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.3**	**0.3**	**0.3**	**0.5**

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	0.123	0.118	0.104	0.113	0.118	0.344	0.111	0.121	0.124	N/A	0.104	0.134
Technical specification limit	10.0	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**	**1.2**	**1.0**	**1.1**	**1.2**	**3.4**	**1.1**	**1.2**	**1.2**	**N/A**	**1.0**	**1.3**
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	0.149	0.165	0.123	0.120	0.133	0.132	0.114	0.131	0.167	0.185	0.251	0.268
Technical specification limit	10.0	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**	**1.2**	**1.2**	**1.3**	**1.3**	**1.1**	**1.3**	**1.7**	**1.9**	**2.5**	**2.7**

Licensee Comments:

12/07: Total Leakage is being reported in lieu of Identified Leakage.

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	11.0	52.0	10.0	17.0	7.0	23.0	21.0	4.0
Total opportunities	11.0	53.0	10.0	17.0	7.0	23.0	22.0	4.0
Indicator value	**97.6%**	**98.0%**	**97.8%**	**97.6%**	**97.7%**	**98.7%**	**98.6%**	**98.6%**

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	113.0	117.0	118.0	121.0	115.0	111.0	107.0	103.0
Total Key personnel	113.0	117.0	118.0	121.0	115.0	112.0	107.0	105.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.1%**	**100.0%**	**98.1%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	147	147	147	147	147	146	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**97.3%**	**98.1%**	**100.0%**	**100.0%**	**100.0%**	**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/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

Arkansas Nuclear 2

1Q/2008 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	1942.1	1535.2	1991.5	2184.0	2208.0	2209.0	1807.9
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/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	0	0	1.0	1.0	0	0	0	0
Critical hours	2183.0	1942.1	1535.2	1991.5	2184.0	2208.0	2209.0	1807.9
Indicator value	**0.8**	**0**	**0.9**	**1.8**	**1.8**	**1.8**	**0.8**	**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	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	4.20E-08	3.30E-08	3.20E-08	-1.50E-08	-2.10E-08	-2.20E-08	-2.10E-08	-2.20E-08
URI (ΔCDF)	-1.50E-07	-2.40E-07	-2.40E-07	-2.20E-07	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.08E-07**	**-2.07E-07**	**-2.08E-07**	**-2.35E-07**	**-2.61E-07**	**-2.52E-07**	**-2.51E-07**	**-2.52E-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)	-1.10E-08	-1.10E-08	-1.10E-08	-1.00E-08	-1.00E-08	-1.10E-08	-1.10E-08	-2.50E-08
URI (ΔCDF)	-5.70E-08	-5.60E-08	-5.40E-08	-5.30E-08	-5.00E-08	-5.00E-08	-4.90E-08	-5.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.80E-08**	**-6.70E-08**	**-6.50E-08**	**-6.30E-08**	**-6.00E-08**	**-6.10E-08**	**-6.00E-08**	**-7.50E-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	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	4.40E-09	6.60E-09	6.50E-09	1.30E-08	1.30E-08	1.20E-08	1.10E-09	1.00E-09
URI (ΔCDF)	1.20E-08	5.50E-08	5.50E-08	5.50E-08	5.50E-08	5.60E-08	5.60E-08	5.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.64E-08**	**6.16E-08**	**6.15E-08**	**6.80E-08**	**6.80E-08**	**6.80E-08**	**5.71E-08**	**5.70E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	-1.40E-10	-1.30E-10	-1.40E-10	-1.40E-10	-1.50E-10	-1.50E-10	6.00E-10	4.50E-10
URI (ΔCDF)	3.90E-09	3.80E-09	2.50E-09	2.50E-09	1.20E-09	1.20E-09	1.20E-09	1.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.76E-09**	**3.67E-09**	**2.36E-09**	**2.36E-09**	**1.05E-09**	**1.05E-09**	**1.80E-09**	**1.65E-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	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-10	1.20E-10
URI (ΔCDF)	8.60E-08	-4.10E-08	-4.20E-08	-4.20E-08	-4.20E-08	-4.10E-08	-4.00E-08	-4.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.60E-08**	**-4.10E-08**	**-4.20E-08**	**-4.20E-08**	**-4.20E-08**	**-4.10E-08**	**-3.99E-08**	**-3.99E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**
Maximum activity	0.001360	0.001450	0.001620	0.001650	0.002210	0.017400	0.000646	0.000899	0.000652	0.015500	0.002430	0.000838
Technical specification limit	1.0	1.0	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**	**0.2**	**0.2**	**1.7**	**0.1**	**0.1**	**0.1**	**1.6**	**0.2**	**0.1**
Reactor Coolant System Activity	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**
Maximum activity	0.000825	0.000879	0.001070	0.001280	0.001620	0.002750	0.003240	0.003400	0.005420	0.005270	0.005540	0.117000
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.3**	**0.3**	**0.3**	**0.5**	**0.5**	**0.6**	**11.7**

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	0.113	0.118	0.344	0.111	0.121	0.124	N/A	0.104	0.134	0.149	0.165	0.123
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.1**	**1.2**	**3.4**	**1.1**	**1.2**	**1.2**	**N/A**	**1.0**	**1.3**	**1.5**	**1.7**	**1.2**
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	0.120	0.133	0.132	0.114	0.131	0.167	0.185	0.251	0.268	0.172	0.169	0.166
Technical specification limit	10.0	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**	**1.3**	**1.1**	**1.3**	**1.7**	**1.9**	**2.5**	**2.7**	**1.7**	**1.7**	**1.7**

Licensee Comments:

3/08: Total Leakage is being reported in lieu of Identified Leakage

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	52.0	10.0	17.0	7.0	23.0	21.0	4.0	11.0
Total opportunities	53.0	10.0	17.0	7.0	23.0	22.0	4.0	14.0
Indicator value	**98.0%**	**97.8%**	**97.6%**	**97.7%**	**98.7%**	**98.6%**	**98.6%**	**96.7%**

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	117.0	118.0	121.0	115.0	111.0	107.0	103.0	103.0
Total Key personnel	117.0	118.0	121.0	115.0	112.0	107.0	105.0	105.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.1%**	**100.0%**	**98.1%**	**98.1%**

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	147	147	147	147	146	147	147	145
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**98.1%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.5%**

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

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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	1942.1	1535.2	1991.5	2184.0	2208.0	2209.0	1807.9	1953.3
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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	1.0	1.0	0	0	0	0	0
Critical hours	1942.1	1535.2	1991.5	2184.0	2208.0	2209.0	1807.9	1953.3
Indicator value	**0**	**0.9**	**1.8**	**1.8**	**1.8**	**0.8**	**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	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	3.30E-08	3.20E-08	-1.50E-08	-2.10E-08	-2.20E-08	-2.10E-08	-2.20E-08	3.20E-08
URI (ΔCDF)	-2.40E-07	-2.40E-07	-2.20E-07	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.07E-07**	**-2.08E-07**	**-2.35E-07**	**-2.61E-07**	**-2.52E-07**	**-2.51E-07**	**-2.52E-07**	**-1.88E-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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-1.10E-08	-1.10E-08	-1.00E-08	-1.00E-08	-1.10E-08	-1.10E-08	-2.50E-08	-2.50E-08
URI (ΔCDF)	-5.60E-08	-5.40E-08	-5.30E-08	-5.00E-08	-5.00E-08	-4.90E-08	-5.00E-08	-4.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.70E-08**	**-6.50E-08**	**-6.30E-08**	**-6.00E-08**	**-6.10E-08**	**-6.00E-08**	**-7.50E-08**	**-7.40E-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	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	6.60E-09	6.50E-09	1.30E-08	1.30E-08	1.20E-08	1.10E-09	1.00E-09	-1.00E-08
URI (ΔCDF)	5.50E-08	5.50E-08	5.50E-08	5.50E-08	5.60E-08	5.60E-08	5.60E-08	9.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.16E-08**	**6.15E-08**	**6.80E-08**	**6.80E-08**	**6.80E-08**	**5.71E-08**	**5.70E-08**	**-9.00E-10**

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)	-1.30E-10	-1.40E-10	-1.40E-10	-1.50E-10	-1.50E-10	6.00E-10	4.50E-10	2.00E-10
URI (ΔCDF)	3.80E-09	2.50E-09	2.50E-09	1.20E-09	1.20E-09	1.20E-09	1.20E-09	1.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**3.67E-09**	**2.36E-09**	**2.36E-09**	**1.05E-09**	**1.05E-09**	**1.80E-09**	**1.65E-09**	**1.40E-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	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-10	1.20E-10	1.20E-10
URI (ΔCDF)	-9.00E-10	-1.90E-09	-1.90E-09	-1.50E-09	-4.30E-10	5.70E-10	8.10E-10	1.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.00E-10**	**-1.90E-09**	**-1.90E-09**	**-1.50E-09**	**-4.30E-10**	**6.90E-10**	**9.30E-10**	**2.02E-09**

Licensee Comments:

2Q/08: In July 2008, it was discovered that Consolidated Data Entry (CDE) failure #806 for ANO-2 (which occurred in November 2005) should have been flagged as a Cooling Water System MSPI failure. Effective as of the 2nd quarter 2008 submittal, failure record #806 was changed to reflect a valve demand failure for Service Water Sluice Gate 2CV-1471-1. This did not result in any color change in the ANO-2 Cooling Water System Mitigating System Performance Indicator.

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	0.001650	0.002210	0.017400	0.000646	0.000899	0.000652	0.015500	0.002430	0.000838	0.000825	0.000879	0.001070
Technical specification limit	1.0	1.0	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**	**1.7**	**0.1**	**0.1**	**0.1**	**1.6**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**
Reactor Coolant System Activity	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**
Maximum activity	0.001280	0.001620	0.002750	0.003240	0.003400	0.005420	0.005270	0.005540	0.117000	0.001850	0.000594	0.000644
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.2**	**0.3**	**0.3**	**0.3**	**0.5**	**0.5**	**0.6**	**11.7**	**0.2**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**
Maximum leakage	0.111	0.121	0.124	N/A	0.104	0.134	0.149	0.165	0.123	0.120	0.133	0.132
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.1**	**1.2**	**1.2**	**N/A**	**1.0**	**1.3**	**1.5**	**1.7**	**1.2**	**1.2**	**1.3**	**1.3**
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	0.114	0.131	0.167	0.185	0.251	0.268	0.172	0.169	0.166	0.084	0.101	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**	**1.3**	**1.7**	**1.9**	**2.5**	**2.7**	**1.7**	**1.7**	**1.7**	**0.8**	**1.0**	**1.3**

Licensee Comments:

6/08: Total Leakage is being reported in lieu of Identified Leakage.

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	10.0	17.0	7.0	23.0	21.0	4.0	11.0	34.0
Total opportunities	10.0	17.0	7.0	23.0	22.0	4.0	14.0	36.0
Indicator value	**97.8%**	**97.6%**	**97.7%**	**98.7%**	**98.6%**	**98.6%**	**96.7%**	**95.5%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	118.0	121.0	115.0	111.0	107.0	103.0	103.0	101.0
Total Key personnel	118.0	121.0	115.0	112.0	107.0	105.0	105.0	104.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**99.1%**	**100.0%**	**98.1%**	**98.1%**	**97.1%**

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	147	147	147	146	147	147	145	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.5%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

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3Q/2008 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1535.2	1991.5	2184.0	2208.0	2209.0	1807.9	1953.3	2208.0
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/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	1.0	1.0	0	0	0	0	0	1.0
Critical hours	1535.2	1991.5	2184.0	2208.0	2209.0	1807.9	1953.3	2208.0
Indicator value	**0.9**	**1.8**	**1.8**	**1.8**	**0.8**	**0**	**0**	**0.9**

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	3.20E-08	-1.50E-08	-2.10E-08	-2.20E-08	-2.10E-08	-2.20E-08	3.20E-08	7.70E-08
URI (ΔCDF)	-2.40E-07	-2.20E-07	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.20E-07	-2.10E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.08E-07**	**-2.35E-07**	**-2.61E-07**	**-2.52E-07**	**-2.51E-07**	**-2.52E-07**	**-1.88E-07**	**-1.33E-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/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	-1.10E-08	-1.00E-08	-1.00E-08	-1.10E-08	-1.10E-08	-2.50E-08	-2.50E-08	-2.50E-08
URI (ΔCDF)	-5.40E-08	-5.30E-08	-5.00E-08	-5.00E-08	-4.90E-08	-5.00E-08	-4.90E-08	9.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**-6.30E-08**	**-6.00E-08**	**-6.10E-08**	**-6.00E-08**	**-7.50E-08**	**-7.40E-08**	**7.20E-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/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	6.50E-09	1.30E-08	1.30E-08	1.20E-08	1.10E-09	1.00E-09	-1.00E-08	-7.40E-09
URI (ΔCDF)	5.50E-08	5.50E-08	5.50E-08	5.60E-08	5.60E-08	5.60E-08	9.10E-09	9.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.15E-08**	**6.80E-08**	**6.80E-08**	**6.80E-08**	**5.71E-08**	**5.70E-08**	**-9.00E-10**	**1.80E-09**

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)	-1.40E-10	-1.40E-10	-1.50E-10	-1.50E-10	6.00E-10	4.50E-10	2.00E-10	2.00E-10
URI (ΔCDF)	2.50E-09	2.50E-09	1.20E-09	1.20E-09	1.20E-09	1.20E-09	1.20E-09	-1.20E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.36E-09**	**2.36E-09**	**1.05E-09**	**1.05E-09**	**1.80E-09**	**1.65E-09**	**1.40E-09**	**8.00E-11**

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-10	1.20E-10	1.20E-10	1.20E-10
URI (ΔCDF)	-1.90E-09	-1.90E-09	-1.50E-09	-4.30E-10	5.70E-10	8.10E-10	1.90E-09	4.40E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-09**	**-1.90E-09**	**-1.50E-09**	**-4.30E-10**	**6.90E-10**	**9.30E-10**	**2.02E-09**	**4.52E-09**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**
Maximum activity	0.000646	0.000899	0.000652	0.015500	0.002430	0.000838	0.000825	0.000879	0.001070	0.001280	0.001620	0.002750
Technical specification limit	1.0	1.0	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**	**1.6**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.3**
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	0.003240	0.003400	0.005420	0.005270	0.005540	0.117000	0.001850	0.000594	0.000644	0.000671	0.000712	0.000960
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.3**	**0.5**	**0.5**	**0.6**	**11.7**	**0.2**	**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	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	N/A	0.104	0.134	0.149	0.165	0.123	0.120	0.133	0.132	0.114	0.131	0.167
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**N/A**	**1.0**	**1.3**	**1.5**	**1.7**	**1.2**	**1.2**	**1.3**	**1.3**	**1.1**	**1.3**	**1.7**
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	0.185	0.251	0.268	0.172	0.169	0.166	0.084	0.101	0.128	0.123	0.083	0.103
Technical specification limit	10.0	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**	**2.5**	**2.7**	**1.7**	**1.7**	**1.7**	**0.8**	**1.0**	**1.3**	**1.2**	**0.8**	**1.0**

Licensee Comments:

9/08: Total Leakage is being reported in lieu of Identified Leakage.

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	17.0	7.0	23.0	21.0	4.0	11.0	34.0	26.0
Total opportunities	17.0	7.0	23.0	22.0	4.0	14.0	36.0	26.0
Indicator value	**97.6%**	**97.7%**	**98.7%**	**98.6%**	**98.6%**	**96.7%**	**95.5%**	**96.0%**

Licensee Comments: none

ERO Drill Participation

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	121.0	115.0	111.0	107.0	103.0	103.0	101.0	105.0
Total Key personnel	121.0	115.0	112.0	107.0	105.0	105.0	104.0	105.0
Indicator value	**100.0%**	**100.0%**	**99.1%**	**100.0%**	**98.1%**	**98.1%**	**97.1%**	**100.0%**

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	147	147	146	147	147	145	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.5%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: November 26, 2008

Arkansas Nuclear 2

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	1991.5	2184.0	2208.0	2209.0	1807.9	1953.3	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	1.0	0	0	0	0	0	1.0	0
Critical hours	1991.5	2184.0	2208.0	2209.0	1807.9	1953.3	2208.0	2209.0
Indicator value	**1.8**	**1.8**	**1.8**	**0.8**	**0**	**0**	**0.9**	**0.9**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Scrams with complications	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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**
UAI (ΔCDF)	-1.50E-08	-2.10E-08	-2.20E-08	-2.10E-08	-2.20E-08	3.20E-08	7.70E-08	9.80E-08
URI (ΔCDF)	-2.20E-07	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.20E-07	-2.10E-07	-2.20E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.35E-07**	**-2.61E-07**	**-2.52E-07**	**-2.51E-07**	**-2.52E-07**	**-1.88E-07**	**-1.33E-07**	**-1.22E-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)	-1.00E-08	-1.00E-08	-1.10E-08	-1.10E-08	-2.50E-08	-2.50E-08	-2.50E-08	-2.50E-08
URI (ΔCDF)	-5.30E-08	-5.00E-08	-5.00E-08	-4.90E-08	-5.00E-08	-4.90E-08	9.70E-08	9.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-08**	**-6.00E-08**	**-6.10E-08**	**-6.00E-08**	**-7.50E-08**	**-7.40E-08**	**7.20E-08**	**7.40E-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/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	1.30E-08	1.30E-08	1.20E-08	1.10E-09	1.00E-09	-1.00E-08	-7.40E-09	-3.80E-09
URI (ΔCDF)	5.50E-08	5.50E-08	5.60E-08	5.60E-08	5.60E-08	9.10E-09	9.20E-09	9.20E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.80E-08**	**6.80E-08**	**6.80E-08**	**5.71E-08**	**5.70E-08**	**-9.00E-10**	**1.80E-09**	**5.40E-09**

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)	-1.40E-10	-1.50E-10	-1.50E-10	6.00E-10	4.50E-10	2.00E-10	2.00E-10	2.00E-10
URI (ΔCDF)	2.50E-09	1.20E-09	1.20E-09	1.20E-09	1.20E-09	1.20E-09	-1.20E-10	-1.20E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.36E-09**	**1.05E-09**	**1.05E-09**	**1.80E-09**	**1.65E-09**	**1.40E-09**	**8.00E-11**	**8.00E-11**

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)	0.00E+00	0.00E+00	0.00E+00	1.20E-10	1.20E-10	1.20E-10	1.20E-10	1.20E-10
URI (ΔCDF)	-1.90E-09	-1.50E-09	-4.30E-10	5.70E-10	8.10E-10	1.90E-09	4.40E-09	-7.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-09**	**-1.50E-09**	**-4.30E-10**	**6.90E-10**	**9.30E-10**	**2.02E-09**	**4.52E-09**	**-7.39E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**
Maximum activity	0.015500	0.002430	0.000838	0.000825	0.000879	0.001070	0.001280	0.001620	0.002750	0.003240	0.003400	0.005420
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**1.6**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.3**	**0.3**	**0.3**	**0.5**
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	0.005270	0.005540	0.117000	0.001850	0.000594	0.000644	0.000671	0.000712	0.000960	0.002760	0.002960	0.003860
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.5**	**0.6**	**11.7**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.3**	**0.3**	**0.4**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**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	0.149	0.165	0.123	0.120	0.133	0.132	0.114	0.131	0.167	0.185	0.251	0.268
Technical specification limit	10.0	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**	**1.2**	**1.2**	**1.3**	**1.3**	**1.1**	**1.3**	**1.7**	**1.9**	**2.5**	**2.7**
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	0.172	0.169	0.166	0.084	0.101	0.128	0.123	0.083	0.103	0.100	0.086	0.087
Technical specification limit	10.0	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**	**1.7**	**1.7**	**0.8**	**1.0**	**1.3**	**1.2**	**0.8**	**1.0**	**1.0**	**0.9**	**0.9**

Licensee Comments:

12/08: Total Leakage is being used for this indicator in lieu of Identified Leakage.

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	7.0	23.0	21.0	4.0	11.0	34.0	26.0	4.0
Total opportunities	7.0	23.0	22.0	4.0	14.0	36.0	26.0	4.0
Indicator value	**97.7%**	**98.7%**	**98.6%**	**98.6%**	**96.7%**	**95.5%**	**96.0%**	**95.6%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	115.0	111.0	107.0	103.0	103.0	101.0	105.0	100.0
Total Key personnel	115.0	112.0	107.0	105.0	105.0	104.0	105.0	102.0
Indicator value	**100.0%**	**99.1%**	**100.0%**	**98.1%**	**98.1%**	**97.1%**	**100.0%**	**98.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful siren-tests	147	146	147	147	145	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.5%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: February 4, 2009

Arkansas Nuclear 2

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	1.0
Critical hours	2184.0	2208.0	2209.0	1807.9	1953.3	2208.0	2209.0	2054.5
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	0	0	0	0	1.0	0	1.0
Critical hours	2184.0	2208.0	2209.0	1807.9	1953.3	2208.0	2209.0	2054.5
Indicator value	**1.8**	**1.8**	**0.8**	**0**	**0**	**0.9**	**0.9**	**1.7**

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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**
UAI (ΔCDF)	-2.10E-08	-2.20E-08	-2.10E-08	-2.20E-08	3.20E-08	7.70E-08	9.80E-08	2.40E-08
URI (ΔCDF)	-2.40E-07	-2.30E-07	-2.30E-07	-2.30E-07	-2.20E-07	-2.10E-07	-2.20E-07	-5.90E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.61E-07**	**-2.52E-07**	**-2.51E-07**	**-2.52E-07**	**-1.88E-07**	**-1.33E-07**	**-1.22E-07**	**-3.50E-08**

Licensee Comments:

1Q/09: Changed PRA Parameter(s). The ANO-2 Mitigating System Performance Index Basis Document has been revised, based on an updated PRA model for the Unit. The updated PRA parameters are reflected in the 1st Quarter 2009 data.

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)	-1.00E-08	-1.10E-08	-1.10E-08	-2.50E-08	-2.50E-08	-2.50E-08	-2.50E-08	-4.50E-09
URI (ΔCDF)	-5.00E-08	-5.00E-08	-4.90E-08	-5.00E-08	-4.90E-08	9.70E-08	9.90E-08	1.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-08**	**-6.10E-08**	**-6.00E-08**	**-7.50E-08**	**-7.40E-08**	**7.20E-08**	**7.40E-08**	**1.15E-08**

Licensee Comments:

1Q/09: Changed PRA Parameter(s). The ANO-2 Mitigating System Performance Index Basis Document has been revised, based on an updated PRA model for the Unit. The updated PRA parameters are reflected in the 1st Quarter 2009 data.

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)	1.30E-08	1.20E-08	1.10E-09	1.00E-09	-1.00E-08	-7.40E-09	-3.80E-09	-8.60E-10
URI (ΔCDF)	5.50E-08	5.60E-08	5.60E-08	5.60E-08	9.10E-09	9.20E-09	9.20E-09	7.70E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.80E-08**	**6.80E-08**	**5.71E-08**	**5.70E-08**	**-9.00E-10**	**1.80E-09**	**5.40E-09**	**6.84E-09**

Licensee Comments:

1Q/09: Changed PRA Parameter(s). The ANO-2 Mitigating System Performance Index Basis Document has been revised, based on an updated PRA model for the Unit. The updated PRA parameters are reflected in the 1st Quarter 2009 data.

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)	-1.50E-10	-1.50E-10	6.00E-10	4.50E-10	2.00E-10	2.00E-10	2.00E-10	4.60E-12
URI (ΔCDF)	1.20E-09	1.20E-09	1.20E-09	1.20E-09	1.20E-09	-1.20E-10	-1.20E-10	-1.80E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.05E-09**	**1.05E-09**	**1.80E-09**	**1.65E-09**	**1.40E-09**	**8.00E-11**	**8.00E-11**	**2.80E-12**

Licensee Comments:

1Q/09: Changed PRA Parameter(s). The ANO-2 Mitigating System Performance Index Basis Document has been revised, based on an updated PRA model for the Unit. The updated PRA parameters are reflected in the 1st Quarter 2009 data.

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)	0.00E+00	0.00E+00	1.20E-10	1.20E-10	1.20E-10	1.20E-10	1.20E-10	9.90E-11
URI (ΔCDF)	-1.50E-09	-4.30E-10	5.70E-10	8.10E-10	1.90E-09	4.40E-09	-7.40E-08	-8.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-09**	**-4.30E-10**	**6.90E-10**	**9.30E-10**	**2.02E-09**	**4.52E-09**	**-7.39E-08**	**-8.09E-08**

Licensee Comments:

1Q/09: Changed PRA Parameter(s). The ANO-2 Mitigating System Performance Index Basis Document has been revised, based on an updated PRA model for the Unit. The updated PRA parameters are reflected in the 1st Quarter 2009 data.

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	0.000825	0.000879	0.001070	0.001280	0.001620	0.002750	0.003240	0.003400	0.005420	0.005270	0.005540	0.117000
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.3**	**0.3**	**0.3**	**0.5**	**0.5**	**0.6**	**11.7**
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	0.001850	0.000594	0.000644	0.000671	0.000712	0.000960	0.002760	0.002960	0.003860	0.017700	0.009900	0.022900
Technical specification limit	1.0	1.0	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**	**0.3**	**0.3**	**0.4**	**1.8**	**1.0**	**2.3**

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	0.120	0.133	0.132	0.114	0.131	0.167	0.185	0.251	0.268	0.172	0.169	0.166
Technical specification limit	10.0	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**	**1.3**	**1.1**	**1.3**	**1.7**	**1.9**	**2.5**	**2.7**	**1.7**	**1.7**	**1.7**
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	0.084	0.101	0.128	0.123	0.083	0.103	0.100	0.086	0.087	0.072	0.069	0.092
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.8**	**1.0**	**1.3**	**1.2**	**0.8**	**1.0**	**1.0**	**0.9**	**0.9**	**0.7**	**0.7**	**0.9**

Licensee Comments:

3/09: Total RCS Leakage is being reported in lieu of Identified Leakage.

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	23.0	21.0	4.0	11.0	34.0	26.0	4.0	18.0
Total opportunities	23.0	22.0	4.0	14.0	36.0	26.0	4.0	18.0
Indicator value	**98.7%**	**98.6%**	**98.6%**	**96.7%**	**95.5%**	**96.0%**	**95.6%**	**95.9%**

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	111.0	107.0	103.0	103.0	101.0	105.0	100.0	103.0
Total Key personnel	112.0	107.0	105.0	105.0	104.0	105.0	102.0	106.0
Indicator value	**99.1%**	**100.0%**	**98.1%**	**98.1%**	**97.1%**	**100.0%**	**98.0%**	**97.2%**

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	146	147	147	145	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.5%**	**99.7%**	**99.7%**	**99.7%**	**100.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: May 1, 2009

Arkansas Nuclear 2

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	1.0	0
Critical hours	2208.0	2209.0	1807.9	1953.3	2208.0	2209.0	2054.5	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**	**0.8**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	0	0	0	0	1.0	0	1.0	0
Critical hours	2208.0	2209.0	1807.9	1953.3	2208.0	2209.0	2054.5	2184.0
Indicator value	**1.8**	**0.8**	**0**	**0**	**0.9**	**0.9**	**1.7**	**1.6**

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	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**
UAI (ΔCDF)	-2.20E-08	-2.10E-08	-2.20E-08	3.20E-08	7.70E-08	9.80E-08	2.40E-08	2.70E-09
URI (ΔCDF)	-2.30E-07	-2.30E-07	-2.30E-07	-2.20E-07	-2.10E-07	-2.20E-07	-5.90E-08	-5.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.52E-07**	**-2.51E-07**	**-2.52E-07**	**-1.88E-07**	**-1.33E-07**	**-1.22E-07**	**-3.50E-08**	**-5.43E-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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-1.10E-08	-1.10E-08	-2.50E-08	-2.50E-08	-2.50E-08	-2.50E-08	-4.50E-09	-4.50E-09
URI (ΔCDF)	-5.00E-08	-4.90E-08	-5.00E-08	-4.90E-08	9.70E-08	9.90E-08	1.60E-08	1.60E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-08**	**-6.00E-08**	**-7.50E-08**	**-7.40E-08**	**7.20E-08**	**7.40E-08**	**1.15E-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	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**
UAI (ΔCDF)	1.20E-08	1.10E-09	1.00E-09	-1.00E-08	-7.40E-09	-3.80E-09	-8.60E-10	-5.80E-10
URI (ΔCDF)	5.60E-08	5.60E-08	5.60E-08	9.10E-09	9.20E-09	9.20E-09	7.70E-09	7.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.80E-08**	**5.71E-08**	**5.70E-08**	**-9.00E-10**	**1.80E-09**	**5.40E-09**	**6.84E-09**	**7.22E-09**

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)	-1.50E-10	6.00E-10	4.50E-10	2.00E-10	2.00E-10	2.00E-10	4.60E-12	7.70E-12
URI (ΔCDF)	1.20E-09	1.20E-09	1.20E-09	1.20E-09	-1.20E-10	-1.20E-10	-1.80E-12	-1.90E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.05E-09**	**1.80E-09**	**1.65E-09**	**1.40E-09**	**8.00E-11**	**8.00E-11**	**2.80E-12**	**5.80E-12**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	0.00E+00	1.20E-10	1.20E-10	1.20E-10	1.20E-10	1.20E-10	9.90E-11	9.90E-11
URI (ΔCDF)	-4.30E-10	5.70E-10	8.10E-10	1.90E-09	4.40E-09	-7.40E-08	-8.10E-08	-7.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.30E-10**	**6.90E-10**	**9.30E-10**	**2.02E-09**	**4.52E-09**	**-7.39E-08**	**-8.09E-08**	**-7.79E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**
Maximum activity	0.001280	0.001620	0.002750	0.003240	0.003400	0.005420	0.005270	0.005540	0.117000	0.001850	0.000594	0.000644
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.2**	**0.3**	**0.3**	**0.3**	**0.5**	**0.5**	**0.6**	**11.7**	**0.2**	**0.1**	**0.1**
Reactor Coolant System Activity	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**
Maximum activity	0.000671	0.000712	0.000960	0.002760	0.002960	0.003860	0.017700	0.009900	0.022900	0.010200	0.012400	0.014900
Technical specification limit	1.0	1.0	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**	**0.3**	**0.3**	**0.4**	**1.8**	**1.0**	**2.3**	**1.0**	**1.2**	**1.5**

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	0.114	0.131	0.167	0.185	0.251	0.268	0.172	0.169	0.166	0.084	0.101	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**	**1.3**	**1.7**	**1.9**	**2.5**	**2.7**	**1.7**	**1.7**	**1.7**	**0.8**	**1.0**	**1.3**
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	0.123	0.083	0.103	0.100	0.086	0.087	0.072	0.069	0.092	0.065	0.077	0.075
Technical specification limit	10.0	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**	**1.0**	**0.9**	**0.9**	**0.7**	**0.7**	**0.9**	**0.7**	**0.8**	**0.8**

Licensee Comments:

6/09: Total Leakage is being reported in lieu of Identified Leakage.

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	21.0	4.0	11.0	34.0	26.0	4.0	18.0	38.0
Total opportunities	22.0	4.0	14.0	36.0	26.0	4.0	18.0	40.0
Indicator value	**98.6%**	**98.6%**	**96.7%**	**95.5%**	**96.0%**	**95.6%**	**95.9%**	**95.1%**

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	107.0	103.0	103.0	101.0	105.0	100.0	103.0	108.0
Total Key personnel	107.0	105.0	105.0	104.0	105.0	102.0	106.0	109.0
Indicator value	**100.0%**	**98.1%**	**98.1%**	**97.1%**	**100.0%**	**98.0%**	**97.2%**	**99.1%**

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	147	147	145	147	147	147	147	146
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.8%**	**99.5%**	**99.7%**	**99.7%**	**99.7%**	**100.0%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: July 22, 2009

Arkansas Nuclear 2

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	1.0	0	0
Critical hours	2209.0	1807.9	1953.3	2208.0	2209.0	2054.5	2184.0	1640.7
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.8**	**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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	0	0	0	1.0	0	1.0	0	0
Critical hours	2209.0	1807.9	1953.3	2208.0	2209.0	2054.5	2184.0	1640.7
Indicator value	**0.8**	**0**	**0**	**0.9**	**0.9**	**1.7**	**1.6**	**0.9**

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)	-2.10E-08	-2.20E-08	3.20E-08	7.70E-08	9.80E-08	2.40E-08	2.70E-09	3.30E-09
URI (ΔCDF)	-2.30E-07	-2.30E-07	-2.20E-07	-2.10E-07	-2.20E-07	-5.90E-08	-5.70E-08	-6.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.51E-07**	**-2.52E-07**	**-1.88E-07**	**-1.33E-07**	**-1.22E-07**	**-3.50E-08**	**-5.43E-08**	**-5.77E-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/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	-1.10E-08	-2.50E-08	-2.50E-08	-2.50E-08	-2.50E-08	-4.50E-09	-4.50E-09	-4.50E-09
URI (ΔCDF)	-4.90E-08	-5.00E-08	-4.90E-08	9.70E-08	9.90E-08	1.60E-08	1.60E-08	1.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-08**	**-7.50E-08**	**-7.40E-08**	**7.20E-08**	**7.40E-08**	**1.15E-08**	**1.15E-08**	**1.25E-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)	1.10E-09	1.00E-09	-1.00E-08	-7.40E-09	-3.80E-09	-8.60E-10	-5.80E-10	-1.50E-09
URI (ΔCDF)	5.60E-08	5.60E-08	9.10E-09	9.20E-09	9.20E-09	7.70E-09	7.80E-09	-1.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.71E-08**	**5.70E-08**	**-9.00E-10**	**1.80E-09**	**5.40E-09**	**6.84E-09**	**7.22E-09**	**-1.45E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	6.00E-10	4.50E-10	2.00E-10	2.00E-10	2.00E-10	4.60E-12	7.70E-12	8.00E-12
URI (ΔCDF)	1.20E-09	1.20E-09	1.20E-09	-1.20E-10	-1.20E-10	-1.80E-12	-1.90E-12	-2.00E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-09**	**1.65E-09**	**1.40E-09**	**8.00E-11**	**8.00E-11**	**2.80E-12**	**5.80E-12**	**6.00E-12**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	1.20E-10	1.20E-10	1.20E-10	1.20E-10	1.20E-10	9.90E-11	9.90E-11	1.00E-10
URI (ΔCDF)	5.70E-10	8.10E-10	1.90E-09	4.40E-09	-7.40E-08	-8.10E-08	-7.80E-08	-7.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.90E-10**	**9.30E-10**	**2.02E-09**	**4.52E-09**	**-7.39E-08**	**-8.09E-08**	**-7.79E-08**	**-6.99E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**
Maximum activity	0.003240	0.003400	0.005420	0.005270	0.005540	0.117000	0.001850	0.000594	0.000644	0.000671	0.000712	0.000960
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.3**	**0.5**	**0.5**	**0.6**	**11.7**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.002760	0.002960	0.003860	0.017700	0.009900	0.022900	0.010200	0.012400	0.014900	0.015400	0.018000	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.3**	**0.4**	**1.8**	**1.0**	**2.3**	**1.0**	**1.2**	**1.5**	**1.5**	**1.8**	**N/A**

Licensee Comments:

9/09: Due to a Refueling Outage, September steady state RCS Activity samples were not available as defined by NEI 99-02 guidance.

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	0.185	0.251	0.268	0.172	0.169	0.166	0.084	0.101	0.128	0.123	0.083	0.103
Technical specification limit	10.0	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**	**2.5**	**2.7**	**1.7**	**1.7**	**1.7**	**0.8**	**1.0**	**1.3**	**1.2**	**0.8**	**1.0**
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	0.100	0.086	0.087	0.072	0.069	0.092	0.065	0.077	0.075	0.076	0.081	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	**1.0**	**0.9**	**0.9**	**0.7**	**0.7**	**0.9**	**0.7**	**0.8**	**0.8**	**0.8**	**0.8**	**1.1**

Licensee Comments:

9/09: Total Leakage is being reported in lieu of Identified Leakage.

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	4.0	11.0	34.0	26.0	4.0	18.0	38.0	15.0
Total opportunities	4.0	14.0	36.0	26.0	4.0	18.0	40.0	15.0
Indicator value	**98.6%**	**96.7%**	**95.5%**	**96.0%**	**95.6%**	**95.9%**	**95.1%**	**95.5%**

Licensee Comments: none

ERO Drill Participation

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	103.0	103.0	101.0	105.0	100.0	103.0	108.0	112.0
Total Key personnel	105.0	105.0	104.0	105.0	102.0	106.0	109.0	112.0
Indicator value	**98.1%**	**98.1%**	**97.1%**	**100.0%**	**98.0%**	**97.2%**	**99.1%**	**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	147	145	147	147	147	147	146	145
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.5%**	**99.7%**	**99.7%**	**99.7%**	**100.0%**	**99.8%**	**99.5%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
High radiation area occurrences	0	0	0	0	0	0	0	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	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

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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	1.0	0	0	1.0
Critical hours	1807.9	1953.3	2208.0	2209.0	2054.5	2184.0	1640.7	2173.7
Indicator value	**0**	**0**	**0**	**0**	**0.8**	**0.8**	**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	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	0	0	1.0	0	1.0	0	0	0
Critical hours	1807.9	1953.3	2208.0	2209.0	2054.5	2184.0	1640.7	2173.7
Indicator value	**0**	**0**	**0.9**	**0.9**	**1.7**	**1.6**	**0.9**	**0.9**

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)	-2.20E-08	3.20E-08	7.70E-08	9.80E-08	2.40E-08	2.70E-09	3.30E-09	2.10E-09
URI (ΔCDF)	-2.30E-07	-2.20E-07	-2.10E-07	-2.20E-07	-5.90E-08	-5.70E-08	-6.10E-08	-5.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.52E-07**	**-1.88E-07**	**-1.33E-07**	**-1.22E-07**	**-3.50E-08**	**-5.43E-08**	**-5.77E-08**	**-5.59E-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)	-2.50E-08	-2.50E-08	-2.50E-08	-2.50E-08	-4.50E-09	-4.50E-09	-4.50E-09	-4.60E-09
URI (ΔCDF)	-5.00E-08	-4.90E-08	9.70E-08	9.90E-08	1.60E-08	1.60E-08	1.70E-08	1.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.50E-08**	**-7.40E-08**	**7.20E-08**	**7.40E-08**	**1.15E-08**	**1.15E-08**	**1.25E-08**	**1.24E-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)	1.00E-09	-1.00E-08	-7.40E-09	-3.80E-09	-8.60E-10	-5.80E-10	-1.50E-09	-2.30E-09
URI (ΔCDF)	5.60E-08	9.10E-09	9.20E-09	9.20E-09	7.70E-09	7.80E-09	-1.30E-08	-1.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.70E-08**	**-9.00E-10**	**1.80E-09**	**5.40E-09**	**6.84E-09**	**7.22E-09**	**-1.45E-08**	**-1.53E-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)	4.50E-10	2.00E-10	2.00E-10	2.00E-10	4.60E-12	7.70E-12	8.00E-12	8.80E-12
URI (ΔCDF)	1.20E-09	1.20E-09	-1.20E-10	-1.20E-10	-1.80E-12	-1.90E-12	-2.00E-12	-1.80E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.65E-09**	**1.40E-09**	**8.00E-11**	**8.00E-11**	**2.80E-12**	**5.80E-12**	**6.00E-12**	**7.00E-12**

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)	1.20E-10	1.20E-10	1.20E-10	1.20E-10	9.90E-11	9.90E-11	1.00E-10	9.80E-11
URI (ΔCDF)	8.10E-10	1.90E-09	4.40E-09	-7.40E-08	-8.10E-08	-7.80E-08	-7.00E-08	-6.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.30E-10**	**2.02E-09**	**4.52E-09**	**-7.39E-08**	**-8.09E-08**	**-7.79E-08**	**-6.99E-08**	**-6.49E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**
Maximum activity	0.005270	0.005540	0.117000	0.001850	0.000594	0.000644	0.000671	0.000712	0.000960	0.002760	0.002960	0.003860
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.5**	**0.6**	**11.7**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.3**	**0.3**	**0.4**

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	0.017700	0.009900	0.022900	0.010200	0.012400	0.014900	0.015400	0.018000	N/A	0.003630	0.004110	0.003970
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**1.8**	**1.0**	**2.3**	**1.0**	**1.2**	**1.5**	**1.5**	**1.8**	**N/A**	**0.4**	**0.4**	**0.4**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**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	0.172	0.169	0.166	0.084	0.101	0.128	0.123	0.083	0.103	0.100	0.086	0.087
Technical specification limit	10.0	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**	**1.7**	**1.7**	**0.8**	**1.0**	**1.3**	**1.2**	**0.8**	**1.0**	**1.0**	**0.9**	**0.9**
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	0.072	0.069	0.092	0.065	0.077	0.075	0.076	0.081	0.105	0.099	0.087	0.087
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.7**	**0.9**	**0.7**	**0.8**	**0.8**	**0.8**	**0.8**	**1.1**	**1.0**	**0.9**	**0.9**

Licensee Comments:

12/09: Total Leakage is being reported in lieu of Identified Leakage.

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	11.0	34.0	26.0	4.0	18.0	38.0	15.0	20.0
Total opportunities	14.0	36.0	26.0	4.0	18.0	40.0	15.0	22.0
Indicator value	**96.7%**	**95.5%**	**96.0%**	**95.6%**	**95.9%**	**95.1%**	**95.5%**	**94.9%**

Licensee Comments: none

ERO Drill Participation

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	103.0	101.0	105.0	100.0	103.0	108.0	112.0	113.0
Total Key personnel	105.0	104.0	105.0	102.0	106.0	109.0	112.0	113.0
Indicator value	**98.1%**	**97.1%**	**100.0%**	**98.0%**	**97.2%**	**99.1%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful siren-tests	145	147	147	147	147	146	145	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.5%**	**99.7%**	**99.7%**	**99.7%**	**100.0%**	**99.8%**	**99.5%**	**99.5%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
High radiation area occurrences	0	0	0	0	0	0	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	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

Arkansas Nuclear 2

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	1.0	0	0	1.0	0
Critical hours	1953.3	2208.0	2209.0	2054.5	2184.0	1640.7	2173.7	2159.0
Indicator value	**0**	**0**	**0**	**0.8**	**0.8**	**0.9**	**1.7**	**0.9**

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	1.0	0	1.0	0	0	0	0
Critical hours	1953.3	2208.0	2209.0	2054.5	2184.0	1640.7	2173.7	2159.0
Indicator value	**0**	**0.9**	**0.9**	**1.7**	**1.6**	**0.9**	**0.9**	**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)	3.20E-08	7.70E-08	9.80E-08	2.40E-08	2.70E-09	3.30E-09	2.10E-09	9.78E-10
URI (ΔCDF)	-2.20E-07	-2.10E-07	-2.20E-07	-5.90E-08	-5.70E-08	-6.10E-08	-5.80E-08	-5.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.88E-07**	**-1.33E-07**	**-1.22E-07**	**-3.50E-08**	**-5.43E-08**	**-5.77E-08**	**-5.59E-08**	**-5.70E-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/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	-2.50E-08	-2.50E-08	-2.50E-08	-4.50E-09	-4.50E-09	-4.50E-09	-4.60E-09	-4.55E-09
URI (ΔCDF)	-4.90E-08	9.70E-08	9.90E-08	1.60E-08	1.60E-08	1.70E-08	1.70E-08	1.74E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.40E-08**	**7.20E-08**	**7.40E-08**	**1.15E-08**	**1.15E-08**	**1.25E-08**	**1.24E-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/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	-1.00E-08	-7.40E-09	-3.80E-09	-8.60E-10	-5.80E-10	-1.50E-09	-2.30E-09	-1.54E-10
URI (ΔCDF)	9.10E-09	9.20E-09	9.20E-09	7.70E-09	7.80E-09	-1.30E-08	-1.30E-08	-1.32E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.00E-10**	**1.80E-09**	**5.40E-09**	**6.84E-09**	**7.22E-09**	**-1.45E-08**	**-1.53E-08**	**-1.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	2.00E-10	2.00E-10	2.00E-10	4.60E-12	7.70E-12	8.00E-12	8.80E-12	9.49E-12
URI (ΔCDF)	1.20E-09	-1.20E-10	-1.20E-10	-1.80E-12	-1.90E-12	-2.00E-12	-1.80E-12	-1.80E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-09**	**8.00E-11**	**8.00E-11**	**2.80E-12**	**5.80E-12**	**6.00E-12**	**7.00E-12**	**7.70E-12**

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)	1.20E-10	1.20E-10	1.20E-10	9.90E-11	9.90E-11	1.00E-10	9.80E-11	9.71E-11
URI (ΔCDF)	1.90E-09	4.40E-09	-7.40E-08	-8.10E-08	-7.80E-08	-7.00E-08	-6.50E-08	-6.29E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.02E-09**	**4.52E-09**	**-7.39E-08**	**-8.09E-08**	**-7.79E-08**	**-6.99E-08**	**-6.49E-08**	**-6.30E-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	0.001850	0.000594	0.000644	0.000671	0.000712	0.000960	0.002760	0.002960	0.003860	0.017700	0.009900	0.022900
Technical specification limit	1.0	1.0	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**	**0.3**	**0.3**	**0.4**	**1.8**	**1.0**	**2.3**

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	0.010200	0.012400	0.014900	0.015400	0.018000	N/A	0.003630	0.004110	0.003970	0.004230	0.004500	0.004860
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**1.0**	**1.2**	**1.5**	**1.5**	**1.8**	**N/A**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	0.084	0.101	0.128	0.123	0.083	0.103	0.100	0.086	0.087	0.072	0.069	0.092
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.8**	**1.0**	**1.3**	**1.2**	**0.8**	**1.0**	**1.0**	**0.9**	**0.9**	**0.7**	**0.7**	**0.9**
Reactor Coolant System Leakage	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**
Maximum leakage	0.065	0.077	0.075	0.076	0.081	0.105	0.099	0.087	0.087	0.073	0.088	0.088
Technical specification limit	10.0	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**	**0.8**	**0.8**	**0.8**	**0.8**	**1.1**	**1.0**	**0.9**	**0.9**	**0.7**	**0.9**	**0.9**

Licensee Comments:

3/10: Total Leakage is being reported in lieu of Identified Leakage

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	34.0	26.0	4.0	18.0	38.0	15.0	20.0	23.0
Total opportunities	36.0	26.0	4.0	18.0	40.0	15.0	22.0	23.0
Indicator value	**95.5%**	**96.0%**	**95.6%**	**95.9%**	**95.1%**	**95.5%**	**94.9%**	**96.7%**

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	101.0	105.0	100.0	103.0	108.0	112.0	113.0	113.0
Total Key personnel	104.0	105.0	102.0	106.0	109.0	112.0	113.0	114.0
Indicator value	**97.1%**	**100.0%**	**98.0%**	**97.2%**	**99.1%**	**100.0%**	**100.0%**	**99.1%**

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	147	147	147	147	146	145	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.7%**	**99.7%**	**99.7%**	**100.0%**	**99.8%**	**99.5%**	**99.5%**	**99.5%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
High radiation area occurrences	0	0	0	0	0	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	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

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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	1.0	0	0	1.0	0	0
Critical hours	2208.0	2209.0	2054.5	2184.0	1640.7	2173.7	2159.0	2184.0
Indicator value	**0**	**0**	**0.8**	**0.8**	**0.9**	**1.7**	**0.9**	**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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	1.0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	2054.5	2184.0	1640.7	2173.7	2159.0	2184.0
Indicator value	**0.9**	**0.9**	**1.7**	**1.6**	**0.9**	**0.9**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**
UAI (ΔCDF)	7.70E-08	9.80E-08	2.40E-08	2.70E-09	3.30E-09	2.10E-09	9.78E-10	-6.71E-10
URI (ΔCDF)	-2.10E-07	-2.20E-07	-5.90E-08	-5.70E-08	-6.10E-08	-5.80E-08	-5.83E-08	-5.38E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.33E-07**	**-1.22E-07**	**-3.50E-08**	**-5.43E-08**	**-5.77E-08**	**-5.59E-08**	**-5.70E-08**	**-5.40E-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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-2.50E-08	-2.50E-08	-4.50E-09	-4.50E-09	-4.50E-09	-4.60E-09	-4.55E-09	-4.55E-09
URI (ΔCDF)	9.70E-08	9.90E-08	1.60E-08	1.60E-08	1.70E-08	1.70E-08	1.74E-08	1.74E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.20E-08**	**7.40E-08**	**1.15E-08**	**1.15E-08**	**1.25E-08**	**1.24E-08**	**1.30E-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	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-7.40E-09	-3.80E-09	-8.60E-10	-5.80E-10	-1.50E-09	-2.30E-09	-1.54E-10	-3.82E-10
URI (ΔCDF)	9.20E-09	9.20E-09	7.70E-09	7.80E-09	-1.30E-08	-1.30E-08	-1.32E-08	-1.31E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-09**	**5.40E-09**	**6.84E-09**	**7.22E-09**	**-1.45E-08**	**-1.53E-08**	**-1.30E-08**	**-1.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	2.00E-10	2.00E-10	4.60E-12	7.70E-12	8.00E-12	8.80E-12	9.49E-12	9.49E-12
URI (ΔCDF)	-1.20E-10	-1.20E-10	-1.80E-12	-1.90E-12	-2.00E-12	-1.80E-12	-1.80E-12	-1.83E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.00E-11**	**8.00E-11**	**2.80E-12**	**5.80E-12**	**6.00E-12**	**7.00E-12**	**7.70E-12**	**7.70E-12**

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)	1.20E-10	1.20E-10	9.90E-11	9.90E-11	1.00E-10	9.80E-11	9.71E-11	9.71E-11
URI (ΔCDF)	4.40E-09	-7.40E-08	-8.10E-08	-7.80E-08	-7.00E-08	-6.50E-08	-6.29E-08	-6.17E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.52E-09**	**-7.39E-08**	**-8.09E-08**	**-7.79E-08**	**-6.99E-08**	**-6.49E-08**	**-6.30E-08**	**-6.20E-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	0.000671	0.000712	0.000960	0.002760	0.002960	0.003860	0.017700	0.009900	0.022900	0.010200	0.012400	0.014900
Technical specification limit	1.0	1.0	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**	**0.3**	**0.3**	**0.4**	**1.8**	**1.0**	**2.3**	**1.0**	**1.2**	**1.5**

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	0.015400	0.018000	N/A	0.003630	0.004110	0.003970	0.004230	0.004500	0.004860	0.005210	0.005240	0.005500
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**1.5**	**1.8**	**N/A**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**
Maximum leakage	0.123	0.083	0.103	0.100	0.086	0.087	0.072	0.069	0.092	0.065	0.077	0.075
Technical specification limit	10.0	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**	**1.0**	**0.9**	**0.9**	**0.7**	**0.7**	**0.9**	**0.7**	**0.8**	**0.8**
Reactor Coolant System Leakage	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**
Maximum leakage	0.076	0.081	0.105	0.099	0.087	0.087	0.073	0.088	0.088	0.086	0.079	0.083
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.8**	**0.8**	**1.1**	**1.0**	**0.9**	**0.9**	**0.7**	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**

Licensee Comments:

6/10: Total Leakage is being reported in lieu of Identified Leakage

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	26.0	4.0	18.0	38.0	15.0	20.0	23.0	26.0
Total opportunities	26.0	4.0	18.0	40.0	15.0	22.0	23.0	26.0
Indicator value	**96.0%**	**95.6%**	**95.9%**	**95.1%**	**95.5%**	**94.9%**	**96.7%**	**97.7%**

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	105.0	100.0	103.0	108.0	112.0	113.0	113.0	110.0
Total Key personnel	105.0	102.0	106.0	109.0	112.0	113.0	114.0	110.0
Indicator value	**100.0%**	**98.0%**	**97.2%**	**99.1%**	**100.0%**	**100.0%**	**99.1%**	**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	147	147	147	146	145	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.7%**	**99.7%**	**100.0%**	**99.8%**	**99.5%**	**99.5%**	**99.5%**	**99.7%**

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	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	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

Arkansas Nuclear 2

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	1.0	0	0	1.0	0	0	0
Critical hours	2209.0	2054.5	2184.0	1640.7	2173.7	2159.0	2184.0	1929.3
Indicator value	**0**	**0.8**	**0.8**	**0.9**	**1.7**	**0.9**	**0.9**	**0.8**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	2054.5	2184.0	1640.7	2173.7	2159.0	2184.0	1929.3
Indicator value	**0.9**	**1.7**	**1.6**	**0.9**	**0.9**	**0**	**0**	**0**

Licensee Comments:

3Q/10: A manual plant shutdown required by Technical Specifications was performed in August to complete repairs to an Emergency Diesel Generator. The shutdown is excluded from this indicator due to the fact that preparations for the shutdown were made >72 hours prior to the initiation of the shutdown. The Unit returned to power operation in September.

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)	9.80E-08	2.40E-08	2.70E-09	3.30E-09	2.10E-09	9.78E-10	-6.71E-10	2.07E-08
URI (ΔCDF)	-2.20E-07	-5.90E-08	-5.70E-08	-6.10E-08	-5.80E-08	-5.83E-08	-5.38E-08	-5.81E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.22E-07**	**-3.50E-08**	**-5.43E-08**	**-5.77E-08**	**-5.59E-08**	**-5.70E-08**	**-5.40E-08**	**-3.70E-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/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	-2.50E-08	-4.50E-09	-4.50E-09	-4.50E-09	-4.60E-09	-4.55E-09	-4.55E-09	-4.55E-09
URI (ΔCDF)	9.90E-08	1.60E-08	1.60E-08	1.70E-08	1.70E-08	1.74E-08	1.74E-08	1.74E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.40E-08**	**1.15E-08**	**1.15E-08**	**1.25E-08**	**1.24E-08**	**1.30E-08**	**1.30E-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)	-3.80E-09	-8.60E-10	-5.80E-10	-1.50E-09	-2.30E-09	-1.54E-10	-3.82E-10	7.71E-10
URI (ΔCDF)	9.20E-09	7.70E-09	7.80E-09	-1.30E-08	-1.30E-08	-1.32E-08	-1.31E-08	-1.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.40E-09**	**6.84E-09**	**7.22E-09**	**-1.45E-08**	**-1.53E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	2.00E-10	4.60E-12	7.70E-12	8.00E-12	8.80E-12	9.49E-12	9.49E-12	7.96E-12
URI (ΔCDF)	-1.20E-10	-1.80E-12	-1.90E-12	-2.00E-12	-1.80E-12	-1.80E-12	-1.83E-12	-1.86E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**8.00E-11**	**2.80E-12**	**5.80E-12**	**6.00E-12**	**7.00E-12**	**7.70E-12**	**7.70E-12**	**6.10E-12**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**
UAI (ΔCDF)	1.20E-10	9.90E-11	9.90E-11	1.00E-10	9.80E-11	9.71E-11	9.71E-11	9.82E-11
URI (ΔCDF)	-7.40E-08	-8.10E-08	-7.80E-08	-7.00E-08	-6.50E-08	-6.29E-08	-6.17E-08	-6.42E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.39E-08**	**-8.09E-08**	**-7.79E-08**	**-6.99E-08**	**-6.49E-08**	**-6.30E-08**	**-6.20E-08**	**-6.40E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**
Maximum activity	0.002760	0.002960	0.003860	0.017700	0.009900	0.022900	0.010200	0.012400	0.014900	0.015400	0.018000	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.3**	**0.3**	**0.4**	**1.8**	**1.0**	**2.3**	**1.0**	**1.2**	**1.5**	**1.5**	**1.8**	**N/A**

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	0.003630	0.004110	0.003970	0.004230	0.004500	0.004860	0.005210	0.005240	0.005500	0.005750	0.005830	0.006060
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**
Maximum leakage	0.100	0.086	0.087	0.072	0.069	0.092	0.065	0.077	0.075	0.076	0.081	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	**1.0**	**0.9**	**0.9**	**0.7**	**0.7**	**0.9**	**0.7**	**0.8**	**0.8**	**0.8**	**0.8**	**1.1**
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	0.099	0.087	0.087	0.073	0.088	0.088	0.086	0.079	0.083	0.082	0.074	0.088
Technical specification limit	10.0	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**	**0.9**	**0.7**	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**	**0.8**	**0.7**	**0.9**

Licensee Comments:

9/10: Total Leakage is being reported in lieu of Identified Leakage

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	4.0	18.0	38.0	15.0	19.0	23.0	26.0	35.0
Total opportunities	4.0	18.0	40.0	15.0	22.0	23.0	26.0	35.0
Indicator value	**95.6%**	**95.9%**	**95.1%**	**95.5%**	**94.3%**	**96.2%**	**97.1%**	**97.3%**

Licensee Comments:

3Q/10: One (1) ANO Notifications Performance Indicator for a 10/21/2009 Tabletop Evaluation has been changed from successful to unsuccessful. This was discovered during an NRC Inspection conducted 09/20/2010 through 09/24/2010.

4Q/09: One (1) Notifications Performance Indicator for a 10/21/2009 Tabletop Evaluation has been changed from successful to unsuccessful. This was discovered during an NRC Inspection conducted 09/20/2010 through 09/24/2010.

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	100.0	103.0	108.0	112.0	113.0	113.0	110.0	108.0
Total Key personnel	102.0	106.0	109.0	112.0	113.0	114.0	110.0	109.0
Indicator value	**98.0%**	**97.2%**	**99.1%**	**100.0%**	**100.0%**	**99.1%**	**100.0%**	**99.1%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	147	147	146	145	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.7%**	**100.0%**	**99.8%**	**99.5%**	**99.5%**	**99.5%**	**99.7%**	**100.0%**

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	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	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

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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	1.0	0	0	1.0	0	0	0	0
Critical hours	2054.5	2184.0	1640.7	2173.7	2159.0	2184.0	1929.3	2209.0
Indicator value	**0.8**	**0.8**	**0.9**	**1.7**	**0.9**	**0.9**	**0.8**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2054.5	2184.0	1640.7	2173.7	2159.0	2184.0	1929.3	2209.0
Indicator value	**1.7**	**1.6**	**0.9**	**0.9**	**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)	2.40E-08	2.70E-09	3.30E-09	2.10E-09	9.78E-10	-6.71E-10	2.07E-08	2.93E-08
URI (ΔCDF)	-5.90E-08	-5.70E-08	-6.10E-08	-5.80E-08	-5.83E-08	-5.38E-08	-5.81E-08	-5.83E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.50E-08**	**-5.43E-08**	**-5.77E-08**	**-5.59E-08**	**-5.70E-08**	**-5.40E-08**	**-3.70E-08**	**-2.90E-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/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	-4.50E-09	-4.50E-09	-4.50E-09	-4.60E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09
URI (ΔCDF)	1.60E-08	1.60E-08	1.70E-08	1.70E-08	1.74E-08	1.74E-08	1.74E-08	1.75E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.15E-08**	**1.15E-08**	**1.25E-08**	**1.24E-08**	**1.30E-08**	**1.30E-08**	**1.30E-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	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	-8.60E-10	-5.80E-10	-1.50E-09	-2.30E-09	-1.54E-10	-3.82E-10	7.71E-10	4.63E-10
URI (ΔCDF)	7.70E-09	7.80E-09	-1.30E-08	-1.30E-08	-1.32E-08	-1.31E-08	-1.34E-08	-1.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.84E-09**	**7.22E-09**	**-1.45E-08**	**-1.53E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	4.60E-12	7.70E-12	8.00E-12	8.80E-12	9.49E-12	9.49E-12	7.96E-12	-3.24E-12
URI (ΔCDF)	-1.80E-12	-1.90E-12	-2.00E-12	-1.80E-12	-1.80E-12	-1.83E-12	-1.86E-12	-1.63E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.80E-12**	**5.80E-12**	**6.00E-12**	**7.00E-12**	**7.70E-12**	**7.70E-12**	**6.10E-12**	**-4.90E-12**

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)	9.90E-11	9.90E-11	1.00E-10	9.80E-11	9.71E-11	9.71E-11	9.82E-11	0.00E+00
URI (ΔCDF)	-8.10E-08	-7.80E-08	-7.00E-08	-6.50E-08	-6.29E-08	-6.17E-08	-6.42E-08	-6.51E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.09E-08**	**-7.79E-08**	**-6.99E-08**	**-6.49E-08**	**-6.30E-08**	**-6.20E-08**	**-6.40E-08**	**-6.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**
Maximum activity	0.017700	0.009900	0.022900	0.010200	0.012400	0.014900	0.015400	0.018000	N/A	0.003630	0.004110	0.003970
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**1.8**	**1.0**	**2.3**	**1.0**	**1.2**	**1.5**	**1.5**	**1.8**	**N/A**	**0.4**	**0.4**	**0.4**

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	0.004230	0.004500	0.004860	0.005210	0.005240	0.005500	0.005750	0.005830	0.006060	0.006410	0.006510	0.006760
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**

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	0.072	0.069	0.092	0.065	0.077	0.075	0.076	0.081	0.105	0.099	0.087	0.087
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.7**	**0.7**	**0.9**	**0.7**	**0.8**	**0.8**	**0.8**	**0.8**	**1.1**	**1.0**	**0.9**	**0.9**
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	0.073	0.088	0.088	0.086	0.079	0.083	0.082	0.074	0.088	0.097	0.104	0.106
Technical specification limit	10.0	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**	**0.9**	**0.8**	**0.8**	**0.8**	**0.7**	**0.9**	**1.0**	**1.0**	**1.1**

Licensee Comments:

12/10: Total Leakage is being reported in lieu of Identified Leakage.

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	18.0	38.0	15.0	19.0	23.0	26.0	35.0	17.0
Total opportunities	18.0	40.0	15.0	22.0	23.0	26.0	35.0	18.0
Indicator value	**95.9%**	**95.1%**	**95.5%**	**94.3%**	**96.2%**	**97.1%**	**97.3%**	**97.0%**

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	103.0	108.0	112.0	113.0	113.0	110.0	108.0	112.0
Total Key personnel	106.0	109.0	112.0	113.0	114.0	110.0	109.0	115.0
Indicator value	**97.2%**	**99.1%**	**100.0%**	**100.0%**	**99.1%**	**100.0%**	**99.1%**	**97.4%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	147	146	145	147	147	147	147	146
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**100.0%**	**99.8%**	**99.5%**	**99.5%**	**99.5%**	**99.7%**	**100.0%**	**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	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	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

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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	1.0	0	0	0	0	0
Critical hours	2184.0	1640.7	2173.7	2159.0	2184.0	1929.3	2209.0	1355.0
Indicator value	**0.8**	**0.9**	**1.7**	**0.9**	**0.9**	**0.8**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	1640.7	2173.7	2159.0	2184.0	1929.3	2209.0	1355.0
Indicator value	**1.6**	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/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)	2.70E-09	3.30E-09	2.10E-09	9.78E-10	-6.71E-10	2.07E-08	2.93E-08	4.64E-08
URI (ΔCDF)	-5.70E-08	-6.10E-08	-5.80E-08	-5.83E-08	-5.38E-08	-5.81E-08	-5.83E-08	-5.91E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.43E-08**	**-5.77E-08**	**-5.59E-08**	**-5.70E-08**	**-5.40E-08**	**-3.70E-08**	**-2.90E-08**	**-1.30E-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/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	-4.50E-09	-4.50E-09	-4.60E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09
URI (ΔCDF)	1.60E-08	1.70E-08	1.70E-08	1.74E-08	1.74E-08	1.74E-08	1.75E-08	1.77E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.15E-08**	**1.25E-08**	**1.24E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**1.30E-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/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	-5.80E-10	-1.50E-09	-2.30E-09	-1.54E-10	-3.82E-10	7.71E-10	4.63E-10	-3.17E-10
URI (ΔCDF)	7.80E-09	-1.30E-08	-1.30E-08	-1.32E-08	-1.31E-08	-1.34E-08	-1.34E-08	-1.36E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.22E-09**	**-1.45E-08**	**-1.53E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-1.40E-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/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	7.70E-12	8.00E-12	8.80E-12	9.49E-12	9.49E-12	7.96E-12	-3.24E-12	-3.22E-12
URI (ΔCDF)	-1.90E-12	-2.00E-12	-1.80E-12	-1.80E-12	-1.83E-12	-1.86E-12	-1.63E-12	-1.75E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.80E-12**	**6.00E-12**	**7.00E-12**	**7.70E-12**	**7.70E-12**	**6.10E-12**	**-4.90E-12**	**-5.00E-12**

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)	9.90E-11	1.00E-10	9.80E-11	9.71E-11	9.71E-11	9.82E-11	0.00E+00	0.00E+00
URI (ΔCDF)	-7.80E-08	-7.00E-08	-6.50E-08	-6.29E-08	-6.17E-08	-6.42E-08	-6.51E-08	-6.62E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.79E-08**	**-6.99E-08**	**-6.49E-08**	**-6.30E-08**	**-6.20E-08**	**-6.40E-08**	**-6.50E-08**	**-6.60E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**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	0.010200	0.012400	0.014900	0.015400	0.018000	N/A	0.003630	0.004110	0.003970	0.004230	0.004500	0.004860
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**1.0**	**1.2**	**1.5**	**1.5**	**1.8**	**N/A**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**

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	0.005210	0.005240	0.005500	0.005750	0.005830	0.006060	0.006410	0.006510	0.006760	0.006990	0.007020	0.001210
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.7**	**0.7**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**
Maximum leakage	0.065	0.077	0.075	0.076	0.081	0.105	0.099	0.087	0.087	0.073	0.088	0.088
Technical specification limit	10.0	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**	**0.8**	**0.8**	**0.8**	**0.8**	**1.1**	**1.0**	**0.9**	**0.9**	**0.7**	**0.9**	**0.9**
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	0.086	0.079	0.083	0.082	0.074	0.088	0.097	0.104	0.106	0.096	0.102	0.118
Technical specification limit	10.0	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**	**0.8**	**0.7**	**0.9**	**1.0**	**1.0**	**1.1**	**1.0**	**1.0**	**1.2**

Licensee Comments:

3/11: Total Leakage is being reported in lieu of Identified Leakage.

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	40.0	15.0	19.0	23.0	26.0	35.0	17.0	11.0
Total opportunities	42.0	15.0	22.0	23.0	26.0	35.0	18.0	11.0
Indicator value	**95.2%**	**95.6%**	**94.4%**	**96.2%**	**97.2%**	**97.3%**	**97.0%**	**96.9%**

Licensee Comments:

1Q/11: Two additional Successful Event Opportunities and two Total Event Opportunities were identified that were not included in the original June 2009 data submittal. Both June 2009 data elements were revised from 22 to 24 in the first quarter 2011 data submittal. This results in no significant change to the 8 quarter performance indicator.

2Q/09: Two additional Successful and Total Event Opportunities were identified that were not included in the original June 2009 data submittal. Both data elements were revised from 22 to 24 in the first quarter 2011 data submittal. This results in no significant change to the 8 quarter performance indicator.

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	108.0	112.0	113.0	113.0	110.0	108.0	112.0	108.0
Total Key personnel	109.0	112.0	113.0	114.0	110.0	109.0	115.0	117.0
Indicator value	**99.1%**	**100.0%**	**100.0%**	**99.1%**	**100.0%**	**99.1%**	**97.4%**	**92.3%**

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	146	145	147	147	147	147	146	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.5%**	**99.5%**	**99.5%**	**99.7%**	**100.0%**	**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	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	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

Arkansas Nuclear 2

2Q/2011 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	1640.7	2173.7	2159.0	2184.0	1929.3	2209.0	1355.0	2184.0
Indicator value	**0.9**	**1.7**	**0.9**	**0.9**	**0.8**	**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/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	1640.7	2173.7	2159.0	2184.0	1929.3	2209.0	1355.0	2184.0
Indicator value	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/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)	3.30E-09	2.10E-09	9.78E-10	-6.71E-10	2.07E-08	2.93E-08	4.64E-08	3.07E-08
URI (ΔCDF)	-6.10E-08	-5.80E-08	-5.83E-08	-5.38E-08	-5.81E-08	-5.83E-08	-5.91E-08	-5.80E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.77E-08**	**-5.59E-08**	**-5.70E-08**	**-5.40E-08**	**-3.70E-08**	**-2.90E-08**	**-1.30E-08**	**-2.70E-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/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	-4.50E-09	-4.60E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09
URI (ΔCDF)	1.70E-08	1.70E-08	1.74E-08	1.74E-08	1.74E-08	1.75E-08	1.77E-08	1.79E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.25E-08**	**1.24E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**1.30E-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	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	-1.50E-09	-2.30E-09	-1.54E-10	-3.82E-10	7.71E-10	4.63E-10	-3.17E-10	-5.59E-10
URI (ΔCDF)	-1.30E-08	-1.30E-08	-1.32E-08	-1.31E-08	-1.34E-08	-1.34E-08	-1.36E-08	-1.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.45E-08**	**-1.53E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-1.40E-08**	**-1.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	8.00E-12	8.80E-12	9.49E-12	9.49E-12	7.96E-12	-3.24E-12	-3.22E-12	-3.23E-12
URI (ΔCDF)	-2.00E-12	-1.80E-12	-1.80E-12	-1.83E-12	-1.86E-12	-1.63E-12	-1.75E-12	-1.62E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.00E-12**	**7.00E-12**	**7.70E-12**	**7.70E-12**	**6.10E-12**	**-4.90E-12**	**-5.00E-12**	**-4.90E-12**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	1.00E-10	9.80E-11	9.71E-11	9.71E-11	9.82E-11	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-7.00E-08	-6.50E-08	-6.29E-08	-6.17E-08	-6.42E-08	-6.51E-08	-6.62E-08	-6.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.99E-08**	**-6.49E-08**	**-6.30E-08**	**-6.20E-08**	**-6.40E-08**	**-6.50E-08**	**-6.60E-08**	**-6.70E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**
Maximum activity	0.015400	0.018000	N/A	0.003630	0.004110	0.003970	0.004230	0.004500	0.004860	0.005210	0.005240	0.005500
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**1.5**	**1.8**	**N/A**	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**

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	0.005750	0.005830	0.006060	0.006410	0.006510	0.006760	0.006990	0.007020	0.001210	0.001920	0.002030	0.002090
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.6**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.7**	**0.7**	**0.1**	**0.2**	**0.2**	**0.2**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**
Maximum leakage	0.076	0.081	0.105	0.099	0.087	0.087	0.073	0.088	0.088	0.086	0.079	0.083
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**0.8**	**0.8**	**1.1**	**1.0**	**0.9**	**0.9**	**0.7**	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**
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	0.082	0.074	0.088	0.097	0.104	0.106	0.096	0.102	0.118	0.126	0.118	0.124
Technical specification limit	10.0	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**	**1.0**	**1.0**	**1.1**	**1.0**	**1.0**	**1.2**	**1.3**	**1.2**	**1.2**

Licensee Comments:

6/11: Total Leakage is being reported in lieu of Identified Leakage.

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	15.0	19.0	23.0	26.0	35.0	17.0	11.0	40.0
Total opportunities	15.0	22.0	23.0	26.0	35.0	18.0	11.0	41.0
Indicator value	**95.6%**	**94.4%**	**96.2%**	**97.2%**	**97.3%**	**97.0%**	**96.9%**	**97.4%**

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	111.0	112.0	112.0	106.0	106.0	110.0	105.0	114.0
Total Key personnel	112.0	113.0	114.0	110.0	109.0	115.0	117.0	115.0
Indicator value	**99.1%**	**99.1%**	**98.2%**	**96.4%**	**97.2%**	**95.7%**	**89.7%**	**99.1%**

Licensee Comments:

2Q/11: In the 2nd Quarter 2011, Emergency Planning determined that 3 historical ERO drills were not eligible to be counted as performance indicator drills. As a result, credit for historical ERO drill participation was removed for several ERO members. This resulted in data revisions to the ERO Drill Participation PI from the 3rd Quarter 2009 to the 1st Quarter 2011. These revisions did not change the ERO Drill Participation PI color for these periods.

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	145	147	147	147	147	146	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.5%**	**99.5%**	**99.5%**	**99.7%**	**100.0%**	**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/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
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	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

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3Q/2011 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2173.7	2159.0	2184.0	1929.3	2209.0	1355.0	2184.0	2208.0
Indicator value	**1.7**	**0.9**	**0.9**	**0.8**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	2173.7	2159.0	2184.0	1929.3	2209.0	1355.0	2184.0	2208.0
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/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)	2.10E-09	9.78E-10	-6.71E-10	2.07E-08	2.93E-08	4.64E-08	3.07E-08	1.56E-08
URI (ΔCDF)	-5.80E-08	-5.83E-08	-5.38E-08	-5.81E-08	-5.83E-08	-5.91E-08	-5.80E-08	-5.85E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.59E-08**	**-5.70E-08**	**-5.40E-08**	**-3.70E-08**	**-2.90E-08**	**-1.30E-08**	**-2.70E-08**	**-4.30E-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/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	-4.60E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.59E-09
URI (ΔCDF)	1.70E-08	1.74E-08	1.74E-08	1.74E-08	1.75E-08	1.77E-08	1.79E-08	-4.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.24E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**-9.20E-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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	-2.30E-09	-1.54E-10	-3.82E-10	7.71E-10	4.63E-10	-3.17E-10	-5.59E-10	1.19E-10
URI (ΔCDF)	-1.30E-08	-1.32E-08	-1.31E-08	-1.34E-08	-1.34E-08	-1.36E-08	-1.30E-08	-1.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.53E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-1.40E-08**	**-1.40E-08**	**-1.30E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	8.80E-12	9.49E-12	9.49E-12	7.96E-12	-3.24E-12	-3.22E-12	-3.23E-12	-3.23E-12
URI (ΔCDF)	-1.80E-12	-1.80E-12	-1.83E-12	-1.86E-12	-1.63E-12	-1.75E-12	-1.62E-12	-1.62E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.00E-12**	**7.70E-12**	**7.70E-12**	**6.10E-12**	**-4.90E-12**	**-5.00E-12**	**-4.90E-12**	**-4.90E-12**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	9.80E-11	9.71E-11	9.71E-11	9.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.50E-08	-6.29E-08	-6.17E-08	-6.42E-08	-6.51E-08	-6.62E-08	-6.66E-08	-6.52E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.49E-08**	**-6.30E-08**	**-6.20E-08**	**-6.40E-08**	**-6.50E-08**	**-6.60E-08**	**-6.70E-08**	**-6.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**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	0.003630	0.004110	0.003970	0.004230	0.004500	0.004860	0.005210	0.005240	0.005500	0.005750	0.005830	0.006060
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.4**	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**
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	0.006410	0.006510	0.006760	0.006990	0.007020	0.001210	0.001920	0.002030	0.002090	0.002030	0.001350	0.001440
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.6**	**0.7**	**0.7**	**0.7**	**0.7**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**

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	0.099	0.087	0.087	0.073	0.088	0.088	0.086	0.079	0.083	0.082	0.074	0.088
Technical specification limit	10.0	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**	**0.9**	**0.7**	**0.9**	**0.9**	**0.9**	**0.8**	**0.8**	**0.8**	**0.7**	**0.9**
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	0.097	0.104	0.106	0.096	0.102	0.118	0.126	0.118	0.124	0.115	0.126	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	**1.0**	**1.0**	**1.1**	**1.0**	**1.0**	**1.2**	**1.3**	**1.2**	**1.2**	**1.2**	**1.3**	**1.1**

Licensee Comments:

9/11: Total Leakage is being reported in lieu of Identified Leakage.

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	19.0	23.0	26.0	35.0	17.0	11.0	39.0	17.0
Total opportunities	22.0	23.0	26.0	35.0	18.0	11.0	40.0	17.0
Indicator value	**94.4%**	**96.2%**	**97.2%**	**97.3%**	**97.0%**	**96.9%**	**97.4%**	**97.4%**

Licensee Comments:

3Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

2Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

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	112.0	112.0	106.0	106.0	110.0	105.0	114.0	111.0
Total Key personnel	113.0	114.0	110.0	109.0	115.0	117.0	115.0	118.0
Indicator value	**99.1%**	**98.2%**	**96.4%**	**97.2%**	**95.7%**	**89.7%**	**99.1%**	**94.1%**

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	147	147	147	147	146	147	147	146
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.5%**	**99.5%**	**99.7%**	**100.0%**	**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	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	**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	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

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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	0	0	0
Critical hours	2159.0	2184.0	1929.3	2209.0	1355.0	2184.0	2208.0	2209.0
Indicator value	**0.9**	**0.9**	**0.8**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	1.0
Critical hours	2159.0	2184.0	1929.3	2209.0	1355.0	2184.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**

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)	9.78E-10	-6.71E-10	2.07E-08	2.93E-08	4.64E-08	3.07E-08	1.56E-08	9.45E-09
URI (ΔCDF)	-5.83E-08	-5.38E-08	-5.81E-08	-5.83E-08	-5.91E-08	-5.80E-08	-5.85E-08	-5.65E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.70E-08**	**-5.40E-08**	**-3.70E-08**	**-2.90E-08**	**-1.30E-08**	**-2.70E-08**	**-4.30E-08**	**-4.70E-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/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.59E-09	-4.59E-09
URI (ΔCDF)	1.74E-08	1.74E-08	1.74E-08	1.75E-08	1.77E-08	1.79E-08	-4.60E-09	-4.69E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**-9.20E-09**	**-9.30E-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	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	-1.54E-10	-3.82E-10	7.71E-10	4.63E-10	-3.17E-10	-5.59E-10	1.19E-10	-1.52E-09
URI (ΔCDF)	-1.32E-08	-1.31E-08	-1.34E-08	-1.34E-08	-1.36E-08	-1.30E-08	-1.34E-08	-1.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-1.40E-08**	**-1.40E-08**	**-1.30E-08**	**-1.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	9.49E-12	9.49E-12	7.96E-12	-3.24E-12	-3.22E-12	-3.23E-12	-3.23E-12	-3.23E-12
URI (ΔCDF)	-1.80E-12	-1.83E-12	-1.86E-12	-1.63E-12	-1.75E-12	-1.62E-12	-1.62E-12	-1.62E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.70E-12**	**7.70E-12**	**6.10E-12**	**-4.90E-12**	**-5.00E-12**	**-4.90E-12**	**-4.90E-12**	**-4.90E-12**

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)	9.71E-11	9.71E-11	9.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.29E-08	-6.17E-08	-6.42E-08	-6.51E-08	-6.62E-08	-6.66E-08	-6.52E-08	-6.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-08**	**-6.20E-08**	**-6.40E-08**	**-6.50E-08**	**-6.60E-08**	**-6.70E-08**	**-6.50E-08**	**-6.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**
Maximum activity	0.004230	0.004500	0.004860	0.005210	0.005240	0.005500	0.005750	0.005830	0.006060	0.006410	0.006510	0.006760
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.4**	**0.5**	**0.5**	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**
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	0.006990	0.007020	0.001210	0.001920	0.002030	0.002090	0.002030	0.001350	0.001440	0.001440	0.001470	0.001450
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.7**	**0.7**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**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	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**
Maximum leakage	0.073	0.088	0.088	0.086	0.079	0.083	0.082	0.074	0.088	0.097	0.104	0.106
Technical specification limit	10.0	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**	**0.9**	**0.8**	**0.8**	**0.8**	**0.7**	**0.9**	**1.0**	**1.0**	**1.1**
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	0.096	0.102	0.118	0.126	0.118	0.124	0.115	0.126	0.111	0.115	0.110	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	**1.0**	**1.0**	**1.2**	**1.3**	**1.2**	**1.2**	**1.2**	**1.3**	**1.1**	**1.2**	**1.1**	**1.0**

Licensee Comments:

12/11: Total Leakage is being reported in lieu of Identified Leakage.

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	23.0	26.0	35.0	17.0	11.0	39.0	17.0	9.0
Total opportunities	23.0	26.0	35.0	18.0	11.0	40.0	17.0	10.0
Indicator value	**96.2%**	**97.2%**	**97.3%**	**97.0%**	**96.9%**	**97.4%**	**97.4%**	**98.3%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	112.0	106.0	106.0	110.0	105.0	114.0	111.0	114.0
Total Key personnel	114.0	110.0	109.0	115.0	117.0	115.0	118.0	114.0
Indicator value	**98.2%**	**96.4%**	**97.2%**	**95.7%**	**89.7%**	**99.1%**	**94.1%**	**100.0%**

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	147	147	147	146	147	147	146	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.5%**	**99.7%**	**100.0%**	**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	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	**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	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

Arkansas Nuclear 2

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	0	0	0	0
Critical hours	2184.0	1929.3	2209.0	1355.0	2184.0	2208.0	2209.0	2183.0
Indicator value	**0.9**	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	1.0	0
Critical hours	2184.0	1929.3	2209.0	1355.0	2184.0	2208.0	2209.0	2183.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.8**

Licensee Comments:

3Q/10: A manual plant shutdown required by Technical Specifications was performed in August to complete repairs to an Emergency Diesel Generator. The shutdown is excluded from this indicator due to the fact that preparations for the shutdown were made >72 hours prior to the initiation of the shutdown. The Unit returned to power operation in September.

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)	-6.71E-10	2.07E-08	2.93E-08	4.64E-08	3.07E-08	1.56E-08	9.45E-09	9.14E-09
URI (ΔCDF)	-5.38E-08	-5.81E-08	-5.83E-08	-5.91E-08	-5.80E-08	-5.85E-08	-5.65E-08	-5.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.40E-08**	**-3.70E-08**	**-2.90E-08**	**-1.30E-08**	**-2.70E-08**	**-4.30E-08**	**-4.70E-08**	**-4.40E-08**

Licensee Comments:

1Q/12: The ANO-2 MSPI Basis Document was revised in the 1Q2012 to add the Emergency Diesel Generator (EDG) fuel oil transfer pumps to the scope of the EDG supercomponent boundary. There were no MSPI coefficient changes required as a result of this revision.

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)	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.59E-09	-4.59E-09	-4.59E-09
URI (ΔCDF)	1.74E-08	1.74E-08	1.75E-08	1.77E-08	1.79E-08	-4.60E-09	-4.69E-09	-4.73E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**-9.20E-09**	**-9.30E-09**	**-9.30E-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/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	-3.82E-10	7.71E-10	4.63E-10	-3.17E-10	-5.59E-10	1.19E-10	-1.52E-09	-1.29E-09
URI (ΔCDF)	-1.31E-08	-1.34E-08	-1.34E-08	-1.36E-08	-1.30E-08	-1.34E-08	-1.34E-08	-1.35E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-1.40E-08**	**-1.40E-08**	**-1.30E-08**	**-1.50E-08**	**-1.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	9.49E-12	7.96E-12	-3.24E-12	-3.22E-12	-3.23E-12	-3.23E-12	-3.23E-12	-4.49E-12
URI (ΔCDF)	-1.83E-12	-1.86E-12	-1.63E-12	-1.75E-12	-1.62E-12	-1.62E-12	-1.62E-12	-1.66E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.70E-12**	**6.10E-12**	**-4.90E-12**	**-5.00E-12**	**-4.90E-12**	**-4.90E-12**	**-4.90E-12**	**-6.10E-12**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	9.71E-11	9.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.17E-08	-6.42E-08	-6.51E-08	-6.62E-08	-6.66E-08	-6.52E-08	-6.54E-08	-6.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-08**	**-6.40E-08**	**-6.50E-08**	**-6.60E-08**	**-6.70E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**
Maximum activity	0.005210	0.005240	0.005500	0.005750	0.005830	0.006060	0.006410	0.006510	0.006760	0.006990	0.007020	0.001210
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.5**	**0.5**	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.7**	**0.7**	**0.1**
Reactor Coolant System Activity	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**
Maximum activity	0.001920	0.002030	0.002090	0.002030	0.001350	0.001440	0.001440	0.001470	0.001450	0.001570	0.001580	0.001640
Technical specification limit	1.0	1.0	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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**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	**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	0.086	0.079	0.083	0.082	0.074	0.088	0.097	0.104	0.106	0.096	0.102	0.118
Technical specification limit	10.0	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**	**0.8**	**0.7**	**0.9**	**1.0**	**1.0**	**1.1**	**1.0**	**1.0**	**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	0.126	0.118	0.124	0.115	0.126	0.111	0.115	0.110	0.102	0.105	0.093	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	**1.3**	**1.2**	**1.2**	**1.2**	**1.3**	**1.1**	**1.2**	**1.1**	**1.0**	**1.1**	**0.9**	**1.0**

Licensee Comments:

3/12: Total Leakage is being reported in lieu of Identified Leakage.

12/11: Total Leakage is being reported in lieu of Identified Leakage.

9/11: Total Leakage is being reported in lieu of Identified Leakage.

6/11: Total Leakage is being reported in lieu of Identified Leakage.

3/11: Total Leakage is being reported in lieu of Identified Leakage.

12/10: Total Leakage is being reported in lieu of Identified Leakage.

9/10: Total Leakage is being reported in lieu of Identified Leakage

6/10: Total Leakage is being reported in lieu of Identified Leakage

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	26.0	35.0	17.0	11.0	39.0	17.0	9.0	21.0
Total opportunities	26.0	35.0	18.0	11.0	40.0	17.0	10.0	21.0
Indicator value	**97.2%**	**97.3%**	**97.0%**	**96.9%**	**97.4%**	**97.4%**	**98.3%**	**98.3%**

Licensee Comments:

3Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

2Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

1Q/11: Two additional Successful Event Opportunities and two Total Event Opportunities were identified that were not included in the original June 2009 data submittal. Both June 2009 data elements were revised from 22 to 24 in the first quarter 2011 data submittal. This results in no significant change to the 8 quarter performance indicator.

3Q/10: One (1) ANO Notifications Performance Indicator for a 10/21/2009 Tabletop Evaluation has been changed from successful to unsuccessful. This was discovered during an NRC Inspection conducted 09/20/2010 through 09/24/2010.

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	106.0	106.0	110.0	105.0	114.0	111.0	114.0	111.0
Total Key personnel	110.0	109.0	115.0	117.0	115.0	118.0	114.0	113.0
Indicator value	**96.4%**	**97.2%**	**95.7%**	**89.7%**	**99.1%**	**94.1%**	**100.0%**	**98.2%**

Licensee Comments:

2Q/11: In the 2nd Quarter 2011, Emergency Planning determined that 3 historical ERO drills were not eligible to be counted as performance indicator drills. As a result, credit for historical ERO drill participation was removed for several ERO members. This resulted in data revisions to the ERO Drill Participation PI from the 3rd Quarter 2009 to the 1st Quarter 2011. These revisions did not change the ERO Drill Participation PI color for these periods.

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	147	147	146	147	147	146	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.7%**	**100.0%**	**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	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	**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	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

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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	0	0	0	0	0
Critical hours	1929.3	2209.0	1355.0	2184.0	2208.0	2209.0	2183.0	2184.0
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	1929.3	2209.0	1355.0	2184.0	2208.0	2209.0	2183.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.8**	**0.8**

Licensee Comments:

3Q/10: A manual plant shutdown required by Technical Specifications was performed in August to complete repairs to an Emergency Diesel Generator. The shutdown is excluded from this indicator due to the fact that preparations for the shutdown were made >72 hours prior to the initiation of the shutdown. The Unit returned to power operation in September.

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)	2.07E-08	2.93E-08	4.64E-08	3.07E-08	1.56E-08	9.45E-09	9.14E-09	8.46E-09
URI (ΔCDF)	-5.81E-08	-5.83E-08	-5.91E-08	-5.80E-08	-5.85E-08	-5.65E-08	-5.34E-08	-5.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.70E-08**	**-2.90E-08**	**-1.30E-08**	**-2.70E-08**	**-4.30E-08**	**-4.70E-08**	**-4.40E-08**	**-4.90E-08**

Licensee Comments:

1Q/12: The ANO-2 MSPI Basis Document was revised in the 1Q2012 to add the Emergency Diesel Generator (EDG) fuel oil transfer pumps to the scope of the EDG supercomponent boundary. There were no MSPI coefficient changes required as a result of this revision.

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)	-4.55E-09	-4.55E-09	-4.55E-09	-4.55E-09	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09
URI (ΔCDF)	1.74E-08	1.75E-08	1.77E-08	1.79E-08	-4.60E-09	-4.69E-09	-4.73E-09	-4.76E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-08**	**1.30E-08**	**1.30E-08**	**1.30E-08**	**-9.20E-09**	**-9.30E-09**	**-9.30E-09**	**-9.30E-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	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	7.71E-10	4.63E-10	-3.17E-10	-5.59E-10	1.19E-10	-1.52E-09	-1.29E-09	-2.12E-09
URI (ΔCDF)	-1.34E-08	-1.34E-08	-1.36E-08	-1.30E-08	-1.34E-08	-1.34E-08	-1.35E-08	-1.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-1.30E-08**	**-1.40E-08**	**-1.40E-08**	**-1.30E-08**	**-1.50E-08**	**-1.50E-08**	**-1.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	7.96E-12	-3.24E-12	-3.22E-12	-3.23E-12	-3.23E-12	-3.23E-12	-4.49E-12	-4.49E-12
URI (ΔCDF)	-1.86E-12	-1.63E-12	-1.75E-12	-1.62E-12	-1.62E-12	-1.62E-12	-1.66E-12	-1.66E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.10E-12**	**-4.90E-12**	**-5.00E-12**	**-4.90E-12**	**-4.90E-12**	**-4.90E-12**	**-6.10E-12**	**-6.10E-12**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	9.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.42E-08	-6.51E-08	-6.62E-08	-6.66E-08	-6.52E-08	-6.54E-08	-6.54E-08	-6.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-08**	**-6.50E-08**	**-6.60E-08**	**-6.70E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.40E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**
Maximum activity	0.005750	0.005830	0.006060	0.006410	0.006510	0.006760	0.006990	0.007020	0.001210	0.001920	0.002030	0.002090
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.6**	**0.6**	**0.6**	**0.6**	**0.7**	**0.7**	**0.7**	**0.7**	**0.1**	**0.2**	**0.2**	**0.2**
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	0.002030	0.001350	0.001440	0.001440	0.001470	0.001450	0.001570	0.001580	0.001640	0.001650	0.001700	0.001710
Technical specification limit	1.0	1.0	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: 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	0.082	0.074	0.088	0.097	0.104	0.106	0.096	0.102	0.118	0.126	0.118	0.124
Technical specification limit	10.0	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**	**1.0**	**1.0**	**1.1**	**1.0**	**1.0**	**1.2**	**1.3**	**1.2**	**1.2**
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	0.115	0.126	0.111	0.115	0.110	0.102	0.105	0.093	0.095	0.100	0.096	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	**1.2**	**1.3**	**1.1**	**1.2**	**1.1**	**1.0**	**1.1**	**0.9**	**1.0**	**1.0**	**1.0**	**0.9**

Licensee Comments:

6/12: Total Leakage is being reported in lieu of Identified Leakage

3/12: Total Leakage is being reported in lieu of Identified Leakage.

12/11: Total Leakage is being reported in lieu of Identified Leakage.

9/11: Total Leakage is being reported in lieu of Identified Leakage.

6/11: Total Leakage is being reported in lieu of Identified Leakage.

3/11: Total Leakage is being reported in lieu of Identified Leakage.

12/10: Total Leakage is being reported in lieu of Identified Leakage.

9/10: Total Leakage is being reported in lieu of Identified Leakage

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	17.0	11.0	39.0	17.0	9.0	21.0	48.0
Total opportunities	35.0	18.0	11.0	40.0	17.0	10.0	21.0	50.0
Indicator value	**97.3%**	**97.0%**	**96.9%**	**97.4%**	**97.4%**	**98.3%**	**98.3%**	**97.5%**

Licensee Comments:

3Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

2Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

1Q/11: Two additional Successful Event Opportunities and two Total Event Opportunities were identified that were not included in the original June 2009 data submittal. Both June 2009 data elements were revised from 22 to 24 in the first quarter 2011 data submittal. This results in no significant change to the 8 quarter performance indicator.

3Q/10: One (1) ANO Notifications Performance Indicator for a 10/21/2009 Tabletop Evaluation has been changed from successful to unsuccessful. This was discovered during an NRC Inspection conducted 09/20/2010 through 09/24/2010.

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	106.0	110.0	105.0	114.0	111.0	114.0	111.0	112.0
Total Key personnel	109.0	115.0	117.0	115.0	118.0	114.0	113.0	114.0
Indicator value	**97.2%**	**95.7%**	**89.7%**	**99.1%**	**94.1%**	**100.0%**	**98.2%**	**98.2%**

Licensee Comments:

2Q/11: In the 2nd Quarter 2011, Emergency Planning determined that 3 historical ERO drills were not eligible to be counted as performance indicator drills. As a result, credit for historical ERO drill participation was removed for several ERO members. This resulted in data revisions to the ERO Drill Participation PI from the 3rd Quarter 2009 to the 1st Quarter 2011. These revisions did not change the ERO Drill Participation PI color for these periods.

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	147	146	147	147	146	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**100.0%**	**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	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.

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3Q/2012 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2209.0	1355.0	2184.0	2208.0	2209.0	2183.0	2184.0	1755.3
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2209.0	1355.0	2184.0	2208.0	2209.0	2183.0	2184.0	1755.3
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**0.8**	**0.8**	**0.8**

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)	2.93E-08	4.64E-08	3.07E-08	1.56E-08	9.45E-09	9.14E-09	8.46E-09	8.38E-09
URI (ΔCDF)	-5.83E-08	-5.91E-08	-5.80E-08	-5.85E-08	-5.65E-08	-5.34E-08	-5.70E-08	-5.36E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-08**	**-1.30E-08**	**-2.70E-08**	**-4.30E-08**	**-4.70E-08**	**-4.40E-08**	**-4.90E-08**	**-4.50E-08**

Licensee Comments:

1Q/12: The ANO-2 MSPI Basis Document was revised in the 1Q2012 to add the Emergency Diesel Generator (EDG) fuel oil transfer pumps to the scope of the EDG supercomponent boundary. There were no MSPI coefficient changes required as a result of this revision.

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)	-4.55E-09	-4.55E-09	-4.55E-09	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09
URI (ΔCDF)	1.75E-08	1.77E-08	1.79E-08	-4.60E-09	-4.69E-09	-4.73E-09	-4.76E-09	-4.58E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-08**	**1.30E-08**	**1.30E-08**	**-9.20E-09**	**-9.30E-09**	**-9.30E-09**	**-9.30E-09**	**-9.20E-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	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	4.63E-10	-3.17E-10	-5.59E-10	1.19E-10	-1.52E-09	-1.29E-09	-2.12E-09	-2.16E-09
URI (ΔCDF)	-1.34E-08	-1.36E-08	-1.30E-08	-1.34E-08	-1.34E-08	-1.35E-08	-1.33E-08	-1.32E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-1.40E-08**	**-1.40E-08**	**-1.30E-08**	**-1.50E-08**	**-1.50E-08**	**-1.50E-08**	**-1.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	-3.24E-12	-3.22E-12	-3.23E-12	-3.23E-12	-3.23E-12	-4.49E-12	-4.49E-12	-4.49E-12
URI (ΔCDF)	-1.63E-12	-1.75E-12	-1.62E-12	-1.62E-12	-1.62E-12	-1.66E-12	-1.66E-12	-1.59E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-12**	**-5.00E-12**	**-4.90E-12**	**-4.90E-12**	**-4.90E-12**	**-6.10E-12**	**-6.10E-12**	**-6.10E-12**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.51E-08	-6.62E-08	-6.66E-08	-6.52E-08	-6.54E-08	-6.54E-08	-6.40E-08	-6.32E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**-6.60E-08**	**-6.70E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.40E-08**	**-6.30E-08**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**
Maximum activity	0.006410	0.006510	0.006760	0.006990	0.007020	0.001210	0.001920	0.002030	0.002090	0.002030	0.001350	0.001440
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.6**	**0.7**	**0.7**	**0.7**	**0.7**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**
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	0.001440	0.001470	0.001450	0.001570	0.001580	0.001640	0.001650	0.001700	0.001710	0.001720	0.001780	0.001760
Technical specification limit	1.0	1.0	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**	**0.2**

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	0.097	0.104	0.106	0.096	0.102	0.118	0.126	0.118	0.124	0.115	0.126	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	**1.0**	**1.0**	**1.1**	**1.0**	**1.0**	**1.2**	**1.3**	**1.2**	**1.2**	**1.2**	**1.3**	**1.1**
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	0.115	0.110	0.102	0.105	0.093	0.095	0.100	0.096	0.094	0.105	0.102	0.106
Technical specification limit	10.0	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**	**1.1**	**1.0**	**1.1**	**0.9**	**1.0**	**1.0**	**1.0**	**0.9**	**1.1**	**1.0**	**1.1**

Licensee Comments:

9/12: Total Leakage is being reported in lieu of Identified Leakage.

6/12: Total Leakage is being reported in lieu of Identified Leakage

3/12: Total Leakage is being reported in lieu of Identified Leakage.

12/11: Total Leakage is being reported in lieu of Identified Leakage.

9/11: Total Leakage is being reported in lieu of Identified Leakage.

6/11: Total Leakage is being reported in lieu of Identified Leakage.

3/11: Total Leakage is being reported in lieu of Identified Leakage.

12/10: Total Leakage is being reported in lieu of Identified Leakage.

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	17.0	11.0	39.0	17.0	9.0	21.0	48.0	16.0
Total opportunities	18.0	11.0	40.0	17.0	10.0	21.0	50.0	16.0
Indicator value	**97.0%**	**96.9%**	**97.4%**	**97.4%**	**98.3%**	**98.3%**	**97.5%**	**97.3%**

Licensee Comments:

3Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

2Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April

Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

1Q/11: Two additional Successful Event Opportunities and two Total Event Opportunities were identified that were not included in the original June 2009 data submittal. Both June 2009 data elements were revised from 22 to 24 in the first quarter 2011 data submittal. This results in no significant change to the 8 quarter performance indicator.

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	110.0	105.0	114.0	111.0	114.0	111.0	112.0	106.0
Total Key personnel	115.0	117.0	115.0	118.0	114.0	113.0	114.0	111.0
Indicator value	**95.7%**	**89.7%**	**99.1%**	**94.1%**	**100.0%**	**98.2%**	**98.2%**	**95.5%**

Licensee Comments:

2Q/11: In the 2nd Quarter 2011, Emergency Planning determined that 3 historical ERO drills were not eligible to be counted as performance indicator drills. As a result, credit for historical ERO drill participation was removed for several ERO members. This resulted in data revisions to the ERO Drill Participation PI from the 3rd Quarter 2009 to the 1st Quarter 2011. These revisions did not change the ERO Drill Participation PI color for these periods.

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	146	147	147	146	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
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	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

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4Q/2012 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	1355.0	2184.0	2208.0	2209.0	2183.0	2184.0	1755.3	1987.5
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0.8**	**0.9**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	1355.0	2184.0	2208.0	2209.0	2183.0	2184.0	1755.3	1987.5
Indicator value	**0**	**0**	**0**	**0.9**	**0.8**	**0.8**	**0.8**	**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)	4.64E-08	3.07E-08	1.56E-08	9.45E-09	9.14E-09	8.46E-09	8.38E-09	3.12E-08
URI (ΔCDF)	-5.91E-08	-5.80E-08	-5.85E-08	-5.65E-08	-5.34E-08	-5.70E-08	-5.36E-08	-5.42E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-2.70E-08**	**-4.30E-08**	**-4.70E-08**	**-4.40E-08**	**-4.90E-08**	**-4.50E-08**	**-2.30E-08**

Licensee Comments:

1Q/12: The ANO-2 MSPI Basis Document was revised in the 1Q2012 to add the Emergency Diesel Generator (EDG) fuel oil transfer pumps to the scope of the EDG supercomponent boundary. There were no MSPI coefficient changes required as a result of this revision.

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)	-4.55E-09	-4.55E-09	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09
URI (ΔCDF)	1.77E-08	1.79E-08	-4.60E-09	-4.69E-09	-4.73E-09	-4.76E-09	-4.58E-09	-4.94E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-08**	**1.30E-08**	**-9.20E-09**	**-9.30E-09**	**-9.30E-09**	**-9.30E-09**	**-9.20E-09**	**-9.50E-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/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**
UAI (ΔCDF)	-3.17E-10	-5.59E-10	1.19E-10	-1.52E-09	-1.29E-09	-2.12E-09	-2.16E-09	1.15E-09
URI (ΔCDF)	-1.36E-08	-1.30E-08	-1.34E-08	-1.34E-08	-1.35E-08	-1.33E-08	-1.32E-08	-1.31E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-08**	**-1.40E-08**	**-1.30E-08**	**-1.50E-08**	**-1.50E-08**	**-1.50E-08**	**-1.50E-08**	**-1.20E-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/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	-3.22E-12	-3.23E-12	-3.23E-12	-3.23E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12
URI (ΔCDF)	-1.75E-12	-1.62E-12	-1.62E-12	-1.62E-12	-1.66E-12	-1.66E-12	-1.59E-12	-1.73E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.00E-12**	**-4.90E-12**	**-4.90E-12**	**-4.90E-12**	**-6.10E-12**	**-6.10E-12**	**-6.10E-12**	**-6.20E-12**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.62E-08	-6.66E-08	-6.52E-08	-6.54E-08	-6.54E-08	-6.40E-08	-6.32E-08	-6.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.60E-08**	**-6.70E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.40E-08**	**-6.30E-08**	**-6.40E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**
Maximum activity	0.006990	0.007020	0.001210	0.001920	0.002030	0.002090	0.002030	0.001350	0.001440	0.001440	0.001470	0.001450
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.7**	**0.7**	**0.1**	**0.2**	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
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	0.001570	0.001580	0.001640	0.001650	0.001700	0.001710	0.001720	0.001780	0.001760	0.000649	0.000720	0.000747
Technical specification limit	1.0	1.0	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**	**0.2**	**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	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	0.096	0.102	0.118	0.126	0.118	0.124	0.115	0.126	0.111	0.115	0.110	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	**1.0**	**1.0**	**1.2**	**1.3**	**1.2**	**1.2**	**1.2**	**1.3**	**1.1**	**1.2**	**1.1**	**1.0**
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	0.105	0.093	0.095	0.100	0.096	0.094	0.105	0.102	0.106	0.212	0.113	0.114
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.1**	**0.9**	**1.0**	**1.0**	**1.0**	**0.9**	**1.1**	**1.0**	**1.1**	**2.1**	**1.1**	**1.1**

Licensee Comments:

12/12: Total Leakage is being reported in lieu of Identified Leakage.

9/12: Total Leakage is being reported in lieu of Identified Leakage.

6/12: Total Leakage is being reported in lieu of Identified Leakage

3/12: Total Leakage is being reported in lieu of Identified Leakage.

12/11: Total Leakage is being reported in lieu of Identified Leakage.

9/11: Total Leakage is being reported in lieu of Identified Leakage.

6/11: Total Leakage is being reported in lieu of Identified Leakage.

3/11: Total Leakage is being reported in lieu of Identified Leakage.

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	11.0	39.0	17.0	9.0	21.0	48.0	16.0	13.0
Total opportunities	11.0	40.0	17.0	10.0	21.0	50.0	16.0	15.0
Indicator value	**96.9%**	**97.4%**	**97.4%**	**98.3%**	**98.3%**	**97.5%**	**97.3%**	**96.7%**

Licensee Comments:

3Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

2Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

1Q/11: Two additional Successful Event Opportunities and two Total Event Opportunities were identified that were not included in the original June 2009 data submittal. Both June 2009 data elements were revised from 22 to 24 in the first quarter 2011 data submittal. This results in no significant change to the 8 quarter performance indicator.

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	105.0	114.0	111.0	114.0	111.0	112.0	106.0	115.0
Total Key personnel	117.0	115.0	118.0	114.0	113.0	114.0	111.0	117.0
Indicator value	**89.7%**	**99.1%**	**94.1%**	**100.0%**	**98.2%**	**98.2%**	**95.5%**	**98.3%**

Licensee Comments:

2Q/11: In the 2nd Quarter 2011, Emergency Planning determined that 3 historical ERO drills were not eligible to be counted as performance indicator drills. As a result, credit for historical ERO drill participation was removed for several ERO members. This resulted in data revisions to the ERO Drill Participation PI from the 3rd Quarter 2009 to the 1st Quarter 2011. These revisions did not change the ERO Drill Participation PI color for these periods.

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	147	147	146	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**100.0%**

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.

Arkansas Nuclear 2

1Q/2013 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned scrams	0	0	0	0	0	1.0	0	1.0
Critical hours	2184.0	2208.0	2209.0	2183.0	2184.0	1755.3	1987.5	2142.8
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.8**	**0.9**	**1.7**

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	1.0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2183.0	2184.0	1755.3	1987.5	2142.8
Indicator value	**0**	**0**	**0.9**	**0.8**	**0.8**	**0.8**	**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	1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

Licensee Comments:

1Q/13: Licensee Event Report 50-368/2013-001-00 submitted in February, 2012.

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)	3.07E-08	1.56E-08	9.45E-09	9.14E-09	8.46E-09	8.38E-09	3.12E-08	3.13E-08
URI (ΔCDF)	-5.80E-08	-5.85E-08	-5.65E-08	-5.34E-08	-5.70E-08	-5.36E-08	-5.42E-08	-5.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.70E-08**	**-4.30E-08**	**-4.70E-08**	**-4.40E-08**	**-4.90E-08**	**-4.50E-08**	**-2.30E-08**	**-2.40E-08**

Licensee Comments:

1Q/12: The ANO-2 MSPI Basis Document was revised in the 1Q2012 to add the Emergency Diesel Generator (EDG) fuel oil transfer pumps to the scope of the EDG supercomponent boundary. There were no MSPI coefficient changes required as a result of this revision.

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)	-4.55E-09	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09	-1.06E-09
URI (ΔCDF)	1.79E-08	-4.60E-09	-4.69E-09	-4.73E-09	-4.76E-09	-4.58E-09	-4.94E-09	-5.02E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-08**	**-9.20E-09**	**-9.30E-09**	**-9.30E-09**	**-9.30E-09**	**-9.20E-09**	**-9.50E-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/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-5.59E-10	1.19E-10	-1.52E-09	-1.29E-09	-2.12E-09	-2.16E-09	1.15E-09	-2.04E-09
URI (ΔCDF)	-1.30E-08	-1.34E-08	-1.34E-08	-1.35E-08	-1.33E-08	-1.32E-08	-1.31E-08	-1.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-08**	**-1.30E-08**	**-1.50E-08**	**-1.50E-08**	**-1.50E-08**	**-1.50E-08**	**-1.20E-08**	**-1.50E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-3.23E-12	-3.23E-12	-3.23E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12
URI (ΔCDF)	-1.62E-12	-1.62E-12	-1.62E-12	-1.66E-12	-1.66E-12	-1.59E-12	-1.73E-12	-1.76E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-12**	**-4.90E-12**	**-4.90E-12**	**-6.10E-12**	**-6.10E-12**	**-6.10E-12**	**-6.20E-12**	**-6.20E-12**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.66E-08	-6.52E-08	-6.54E-08	-6.54E-08	-6.40E-08	-6.32E-08	-6.40E-08	-6.45E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.70E-08**	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.40E-08**	**-6.30E-08**	**-6.40E-08**	**-6.40E-08**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**
Maximum activity	0.001920	0.002030	0.002090	0.002030	0.001350	0.001440	0.001440	0.001470	0.001450	0.001570	0.001580	0.001640
Technical specification limit	1.0	1.0	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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.2**	**0.2**	**0.2**
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	0.001650	0.001700	0.001710	0.001720	0.001780	0.001760	0.000649	0.000720	0.000747	0.000775	0.000820	0.000811
Technical specification limit	1.0	1.0	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**	**0.1**	**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	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	0.126	0.118	0.124	0.115	0.126	0.111	0.115	0.110	0.102	0.105	0.093	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	**1.3**	**1.2**	**1.2**	**1.2**	**1.3**	**1.1**	**1.2**	**1.1**	**1.0**	**1.1**	**0.9**	**1.0**
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	0.100	0.096	0.094	0.105	0.102	0.106	0.212	0.113	0.114	0.123	0.092	0.090
Technical specification limit	10.0	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**	**0.9**	**1.1**	**1.0**	**1.1**	**2.1**	**1.1**	**1.1**	**1.2**	**0.9**	**0.9**

Licensee Comments:

3/13: Total Leakage is being reported in lieu of Identified Leakage

12/12: Total Leakage is being reported in lieu of Identified Leakage.

9/12: Total Leakage is being reported in lieu of Identified Leakage.

6/12: Total Leakage is being reported in lieu of Identified Leakage

3/12: Total Leakage is being reported in lieu of Identified Leakage.

12/11: Total Leakage is being reported in lieu of Identified Leakage.

9/11: Total Leakage is being reported in lieu of Identified Leakage.

6/11: Total Leakage is being reported in lieu of Identified Leakage.

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	39.0	17.0	9.0	21.0	48.0	16.0	13.0	26.0
Total opportunities	40.0	17.0	10.0	21.0	50.0	16.0	15.0	27.0
Indicator value	**97.4%**	**97.4%**	**98.3%**	**98.3%**	**97.5%**	**97.3%**	**96.7%**	**96.4%**

Licensee Comments:

3Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

2Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April

Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

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	114.0	111.0	114.0	111.0	112.0	106.0	115.0	84.0
Total Key personnel	115.0	118.0	114.0	113.0	114.0	111.0	117.0	84.0
Indicator value	**99.1%**	**94.1%**	**100.0%**	**98.2%**	**98.2%**	**95.5%**	**98.3%**	**100.0%**

Licensee Comments:

2Q/11: In the 2nd Quarter 2011, Emergency Planning determined that 3 historical ERO drills were not eligible to be counted as performance indicator drills. As a result, credit for historical ERO drill participation was removed for several ERO members. This resulted in data revisions to the ERO Drill Participation PI from the 3rd Quarter 2009 to the 1st Quarter 2011. These revisions did not change the ERO Drill Participation PI color for these periods.

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	147	146	147	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**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/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

Arkansas Nuclear 2

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned scrams	0	0	0	0	1.0	0	1.0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	1755.3	1987.5	2142.8	1526.7
Indicator value	**0**	**0**	**0**	**0**	**0.8**	**0.9**	**1.7**	**1.9**

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	1.0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	1755.3	1987.5	2142.8	1526.7
Indicator value	**0**	**0.9**	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

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

Licensee Comments:

2Q/13: April 2013 - Licensee Event Report 50-368/2013-002-00: Emergency Control Room Chiller Inoperability

1Q/13: Licensee Event Report 50-368/2013-001-00 submitted in February, 2012.

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)	1.56E-08	9.45E-09	9.14E-09	8.46E-09	8.38E-09	3.12E-08	3.13E-08	3.36E-08
URI (ΔCDF)	-5.85E-08	-5.65E-08	-5.34E-08	-5.70E-08	-5.36E-08	-5.42E-08	-5.53E-08	-5.72E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.30E-08**	**-4.70E-08**	**-4.40E-08**	**-4.90E-08**	**-4.50E-08**	**-2.30E-08**	**-2.40E-08**	**-2.40E-08**

Licensee Comments:

1Q/12: The ANO-2 MSPI Basis Document was revised in the 1Q2012 to add the Emergency Diesel Generator (EDG) fuel oil transfer pumps to the scope of the EDG supercomponent boundary. There were no MSPI coefficient changes required as a result of this revision.

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)	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09	-1.06E-09	-8.77E-10
URI (ΔCDF)	-4.60E-09	-4.69E-09	-4.73E-09	-4.76E-09	-4.58E-09	-4.94E-09	-5.02E-09	-5.13E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.20E-09**	**-9.30E-09**	**-9.30E-09**	**-9.30E-09**	**-9.20E-09**	**-9.50E-09**	**-6.10E-09**	**-6.00E-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	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	1.19E-10	-1.52E-09	-1.29E-09	-2.12E-09	-2.16E-09	1.15E-09	-2.04E-09	-1.35E-10
URI (ΔCDF)	-1.34E-08	-1.34E-08	-1.35E-08	-1.33E-08	-1.32E-08	-1.31E-08	-1.33E-08	-1.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-1.50E-08**	**-1.50E-08**	**-1.50E-08**	**-1.50E-08**	**-1.20E-08**	**-1.50E-08**	**-1.40E-08**

Licensee Comments:

2Q/13: In May, a high oil level condition was identified for the 2P-7A Emergency Feedwater Pump. An engineering evaluation is in progress to evaluate the condition. Any performance indicator impact as a result of the evaluation will be reported in the following quarter, as instructed by NEI 99-02 Reporting Guidance.

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)	-3.23E-12	-3.23E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12
URI (ΔCDF)	-1.62E-12	-1.62E-12	-1.66E-12	-1.66E-12	-1.59E-12	-1.73E-12	-1.76E-12	-1.73E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-12**	**-4.90E-12**	**-6.10E-12**	**-6.10E-12**	**-6.10E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.52E-08	-6.54E-08	-6.54E-08	-6.40E-08	-6.32E-08	-6.40E-08	-6.45E-08	-4.71E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**-6.50E-08**	**-6.50E-08**	**-6.40E-08**	**-6.30E-08**	**-6.40E-08**	**-6.40E-08**	**-4.70E-08**

Licensee Comments: none

Reactor Coolant System Activity

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	0.002030	0.001350	0.001440	0.001440	0.001470	0.001450	0.001570	0.001580	0.001640	0.001650	0.001700	0.001710
Technical specification limit	1.0	1.0	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**

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	0.001720	0.001780	0.001760	0.000649	0.000720	0.000747	0.000775	0.000820	0.000811	N/A	0.000823	0.000846
Technical specification limit	1.0	1.0	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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**0.1**	**0.1**

Licensee Comments:

6/13: ANO-2 was not at steady state power as defined in NEI 99-02 for the entire month of April.

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	0.115	0.126	0.111	0.115	0.110	0.102	0.105	0.093	0.095	0.100	0.096	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	**1.2**	**1.3**	**1.1**	**1.2**	**1.1**	**1.0**	**1.1**	**0.9**	**1.0**	**1.0**	**1.0**	**0.9**
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	0.105	0.102	0.106	0.212	0.113	0.114	0.123	0.092	0.090	0.076	0.088	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	**1.1**	**1.0**	**1.1**	**2.1**	**1.1**	**1.1**	**1.2**	**0.9**	**0.9**	**0.8**	**0.9**	**0.9**

Licensee Comments:

6/13: Total Leakage is being reported in lieu of Identified Leakage.

3/13: Total Leakage is being reported in lieu of Identified Leakage

12/12: Total Leakage is being reported in lieu of Identified Leakage.

9/12: Total Leakage is being reported in lieu of Identified Leakage.

6/12: Total Leakage is being reported in lieu of Identified Leakage

3/12: Total Leakage is being reported in lieu of Identified Leakage.

12/11: Total Leakage is being reported in lieu of Identified Leakage.

9/11: Total Leakage is being reported in lieu of Identified Leakage.

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	17.0	9.0	21.0	48.0	16.0	13.0	26.0	8.0
Total opportunities	17.0	10.0	21.0	50.0	16.0	15.0	27.0	8.0
Indicator value	**97.4%**	**98.3%**	**98.3%**	**97.5%**	**97.3%**	**96.7%**	**96.4%**	**96.3%**

Licensee Comments:

3Q/11: The April 2011 ERO Drill Exercise Performance was revised with the 3rd quarter 2011 submittal. April Successful Drills and Total Drills were reduced from 11 each, to 10 each. This revision does not affect the indicator color.

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	111.0	114.0	111.0	112.0	106.0	115.0	84.0	81.0
Total Key personnel	118.0	114.0	113.0	114.0	111.0	117.0	84.0	81.0
Indicator value	**94.1%**	**100.0%**	**98.2%**	**98.2%**	**95.5%**	**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	146	147	147	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**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	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

Arkansas Nuclear 2

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned scrams	0	0	0	1.0	0	1.0	0	0
Critical hours	2209.0	2183.0	2184.0	1755.3	1987.5	2142.8	1526.7	2208.0
Indicator value	**0**	**0**	**0**	**0.8**	**0.9**	**1.7**	**1.9**	**0.9**

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	1.0	0	0	0	0	0	0	0
Critical hours	2209.0	2183.0	2184.0	1755.3	1987.5	2142.8	1526.7	2208.0
Indicator value	**0.9**	**0.8**	**0.8**	**0.8**	**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	1	1	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**2**

Licensee Comments:

2Q/13: April 2013 - Licensee Event Report 50-368/2013-002-00: Emergency Control Room Chiller Inoperability

1Q/13: Licensee Event Report 50-368/2013-001-00 submitted in February, 2012.

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)	9.45E-09	9.14E-09	8.46E-09	8.38E-09	3.12E-08	3.13E-08	3.36E-08	9.58E-09
URI (ΔCDF)	-5.65E-08	-5.34E-08	-5.70E-08	-5.36E-08	-5.42E-08	-5.53E-08	-5.72E-08	-5.15E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.70E-08**	**-4.40E-08**	**-4.90E-08**	**-4.50E-08**	**-2.30E-08**	**-2.40E-08**	**-2.40E-08**	**-4.20E-08**

Licensee Comments:

1Q/12: The ANO-2 MSPI Basis Document was revised in the 1Q2012 to add the Emergency Diesel Generator (EDG) fuel oil transfer pumps to the scope of the EDG supercomponent boundary. There were no MSPI coefficient changes required as a result of this revision.

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)	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09	-1.06E-09	-8.77E-10	-9.56E-10
URI (ΔCDF)	-4.69E-09	-4.73E-09	-4.76E-09	-4.58E-09	-4.94E-09	-5.02E-09	-5.13E-09	-5.08E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.30E-09**	**-9.30E-09**	**-9.30E-09**	**-9.20E-09**	**-9.50E-09**	**-6.10E-09**	**-6.00E-09**	**-6.00E-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/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	-1.52E-09	-1.29E-09	-2.12E-09	-2.16E-09	1.15E-09	-2.04E-09	-1.35E-10	7.10E-10
URI (ΔCDF)	-1.34E-08	-1.35E-08	-1.33E-08	-1.32E-08	-1.31E-08	-1.33E-08	-1.34E-08	-1.31E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-08**	**-1.50E-08**	**-1.50E-08**	**-1.50E-08**	**-1.20E-08**	**-1.50E-08**	**-1.40E-08**	**-1.20E-08**

Licensee Comments:

3Q/13: Follow-up comment as required by NEI 99-02 Reporting Guidance: An engineering evaluation was completed for the high oil level condition identified last quarter for the 2P-7A Emergency Feedwater Pump. The evaluation showed that the condition did not impact pump operability, and therefore, did not result in any performance indicator impact.

2Q/13: In May, a high oil level condition was identified for the 2P-7A Emergency Feedwater Pump. An engineering evaluation is in progress to evaluate the condition. Any performance indicator impact as a result of the evaluation will be reported in the following quarter, as instructed by NEI 99-02 Reporting Guidance.

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	-3.23E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12
URI (ΔCDF)	-1.62E-12	-1.66E-12	-1.66E-12	-1.59E-12	-1.73E-12	-1.76E-12	-1.73E-12	-1.69E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-12**	**-6.10E-12**	**-6.10E-12**	**-6.10E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.54E-08	-6.54E-08	-6.40E-08	-6.32E-08	-6.40E-08	-6.45E-08	-4.71E-08	-4.46E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**-6.50E-08**	**-6.40E-08**	**-6.30E-08**	**-6.40E-08**	**-6.40E-08**	**-4.70E-08**	**-4.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

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	0.001440	0.001470	0.001450	0.001570	0.001580	0.001640	0.001650	0.001700	0.001710	0.001720	0.001780	0.001760
Technical specification limit	1.0	1.0	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**	**0.2**

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	0.000649	0.000720	0.000747	0.000775	0.000820	0.000811	N/A	0.000823	0.000846	0.000875	0.000901	0.000902
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments:

6/13: ANO-2 was not at steady state power as defined in NEI 99-02 for the entire month of April.

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	0.115	0.110	0.102	0.105	0.093	0.095	0.100	0.096	0.094	0.105	0.102	0.106
Technical specification limit	10.0	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**	**1.1**	**1.0**	**1.1**	**0.9**	**1.0**	**1.0**	**1.0**	**0.9**	**1.1**	**1.0**	**1.1**
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	0.212	0.113	0.114	0.123	0.092	0.090	0.076	0.088	0.094	0.094	0.099	0.112
Technical specification limit	10.0	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**	**1.1**	**1.1**	**1.2**	**0.9**	**0.9**	**0.8**	**0.9**	**0.9**	**0.9**	**1.0**	**1.1**

Licensee Comments:

9/13: Total Leakage is being reported in lieu of Identified Leakage.

6/13: Total Leakage is being reported in lieu of Identified Leakage.

3/13: Total Leakage is being reported in lieu of Identified Leakage

12/12: Total Leakage is being reported in lieu of Identified Leakage.

9/12: Total Leakage is being reported in lieu of Identified Leakage.

6/12: Total Leakage is being reported in lieu of Identified Leakage

3/12: Total Leakage is being reported in lieu of Identified Leakage.

12/11: Total Leakage is being reported in lieu of Identified Leakage.

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	9.0	21.0	48.0	16.0	13.0	26.0	8.0	44.0
Total opportunities	10.0	21.0	50.0	16.0	15.0	27.0	8.0	46.0
Indicator value	**98.3%**	**98.3%**	**97.5%**	**97.3%**	**96.7%**	**96.4%**	**96.3%**	**95.9%**

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	114.0	111.0	112.0	106.0	115.0	84.0	81.0	98.0
Total Key personnel	114.0	113.0	114.0	111.0	117.0	84.0	81.0	98.0
Indicator value	**100.0%**	**98.2%**	**98.2%**	**95.5%**	**98.3%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful siren-tests	147	147	147	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**100.0%**	**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

Arkansas Nuclear 2

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned scrams	0	0	1.0	0	1.0	0	0	1.0
Critical hours	2183.0	2184.0	1755.3	1987.5	2142.8	1526.7	2208.0	1664.8
Indicator value	**0**	**0**	**0.8**	**0.9**	**1.7**	**1.9**	**0.9**	**1.9**

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	2184.0	1755.3	1987.5	2142.8	1526.7	2208.0	1664.8
Indicator value	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	0	0	0	0	1	1	0	0
Indicator value	**0**	**0**	**0**	**0**	**1**	**2**	**2**	**2**

Licensee Comments:

2Q/13: April 2013 - Licensee Event Report 50-368/2013-002-00: Emergency Control Room Chiller Inoperability

1Q/13: Licensee Event Report 50-368/2013-001-00 submitted in February, 2012.

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)	9.14E-09	8.46E-09	8.38E-09	3.12E-08	3.13E-08	3.36E-08	9.58E-09	5.57E-09
URI (ΔCDF)	-5.34E-08	-5.70E-08	-5.36E-08	-5.42E-08	-5.53E-08	-5.72E-08	-5.15E-08	-5.35E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.40E-08**	**-4.90E-08**	**-4.50E-08**	**-2.30E-08**	**-2.40E-08**	**-2.40E-08**	**-4.20E-08**	**-4.80E-08**

Licensee Comments:

1Q/12: The ANO-2 MSPI Basis Document was revised in the 1Q2012 to add the Emergency Diesel Generator (EDG) fuel oil transfer pumps to the scope of the EDG supercomponent boundary. There were no MSPI coefficient changes required as a result of this revision.

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)	-4.59E-09	-4.59E-09	-4.59E-09	-4.59E-09	-1.06E-09	-8.77E-10	-9.56E-10	-8.00E-10
URI (ΔCDF)	-4.73E-09	-4.76E-09	-4.58E-09	-4.94E-09	-5.02E-09	-5.13E-09	-5.08E-09	-5.08E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.30E-09**	**-9.30E-09**	**-9.20E-09**	**-9.50E-09**	**-6.10E-09**	**-6.00E-09**	**-6.00E-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/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	-1.29E-09	-2.12E-09	-2.16E-09	1.15E-09	-2.04E-09	-1.35E-10	7.10E-10	6.78E-10
URI (ΔCDF)	-1.35E-08	-1.33E-08	-1.32E-08	-1.31E-08	-1.33E-08	-1.34E-08	-1.31E-08	-1.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-08**	**-1.50E-08**	**-1.50E-08**	**-1.20E-08**	**-1.50E-08**	**-1.40E-08**	**-1.20E-08**	**-1.30E-08**

Licensee Comments:

3Q/13: Follow-up comment as required by NEI 99-02 Reporting Guidance: An engineering evaluation was completed for the high oil level condition identified last quarter for the 2P-7A Emergency Feedwater Pump. The evaluation showed that the condition did not impact pump operability, and therefore, did not result in any performance indicator impact.

2Q/13: In May, a high oil level condition was identified for the 2P-7A Emergency Feedwater Pump. An engineering evaluation is in progress to evaluate the condition. Any performance indicator impact as a result of the evaluation will be reported in the following quarter, as instructed by NEI 99-02 Reporting Guidance.

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)	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12
URI (ΔCDF)	-1.66E-12	-1.66E-12	-1.59E-12	-1.73E-12	-1.76E-12	-1.73E-12	-1.69E-12	-1.86E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-12**	**-6.10E-12**	**-6.10E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.30E-12**

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.54E-08	-6.40E-08	-6.32E-08	-6.40E-08	-6.45E-08	-4.71E-08	-4.46E-08	-4.33E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.50E-08**	**-6.40E-08**	**-6.30E-08**	**-6.40E-08**	**-6.40E-08**	**-4.70E-08**	**-4.50E-08**	**-4.30E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**
Maximum activity	0.001570	0.001580	0.001640	0.001650	0.001700	0.001710	0.001720	0.001780	0.001760	0.000649	0.000720	0.000747
Technical specification limit	1.0	1.0	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**	**0.2**	**0.1**	**0.1**	**0.1**

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	0.000775	0.000820	0.000811	N/A	0.000823	0.000846	0.000875	0.000901	0.000902	0.000939	0.000978	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	**0.1**	**0.1**	**0.1**	**N/A**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments:

6/13: ANO-2 was not at steady state power as defined in NEI 99-02 for the entire month of April.

Reactor Coolant System Leakage

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	0.105	0.093	0.095	0.100	0.096	0.094	0.105	0.102	0.106	0.212	0.113	0.114
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.1**	**0.9**	**1.0**	**1.0**	**1.0**	**0.9**	**1.1**	**1.0**	**1.1**	**2.1**	**1.1**	**1.1**
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	0.123	0.092	0.090	0.076	0.088	0.094	0.094	0.099	0.112	0.108	0.143	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	**1.2**	**0.9**	**0.9**	**0.8**	**0.9**	**0.9**	**0.9**	**1.0**	**1.1**	**1.1**	**1.4**	**1.4**

Licensee Comments:

12/13: Total Leakage is being reported in lieu of Identified Leakage.

9/13: Total Leakage is being reported in lieu of Identified Leakage.

6/13: Total Leakage is being reported in lieu of Identified Leakage.

3/13: Total Leakage is being reported in lieu of Identified Leakage

12/12: Total Leakage is being reported in lieu of Identified Leakage.

9/12: Total Leakage is being reported in lieu of Identified Leakage.

6/12: Total Leakage is being reported in lieu of Identified Leakage

3/12: Total Leakage is being reported in lieu of Identified Leakage.

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	21.0	48.0	16.0	13.0	26.0	8.0	49.0	39.0
Total opportunities	21.0	50.0	16.0	15.0	27.0	8.0	51.0	40.0
Indicator value	**98.3%**	**97.5%**	**97.3%**	**96.7%**	**96.4%**	**96.3%**	**96.0%**	**96.5%**

Licensee Comments:

3Q/13: In January of 2014, five drills that were not previously counted were added to the 3rd Quarter 2013 Emergency Preparedness data.

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	111.0	112.0	106.0	115.0	84.0	81.0	98.0	99.0
Total Key personnel	113.0	114.0	111.0	117.0	84.0	81.0	98.0	99.0
Indicator value	**98.2%**	**98.2%**	**95.5%**	**98.3%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	147	147	147	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.8%**	**100.0%**	**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	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

Arkansas Nuclear 2

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned scrams	0	1.0	0	1.0	0	0	1.0	0
Critical hours	2184.0	1755.3	1987.5	2142.8	1526.7	2208.0	1664.8	1930.7
Indicator value	**0**	**0.8**	**0.9**	**1.7**	**1.9**	**0.9**	**1.9**	**1.0**

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	2184.0	1755.3	1987.5	2142.8	1526.7	2208.0	1664.8	1930.7
Indicator value	**0.8**	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

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

Licensee Comments:

2Q/13: April 2013 - Licensee Event Report 50-368/2013-002-00: Emergency Control Room Chiller Inoperability

1Q/13: Licensee Event Report 50-368/2013-001-00 submitted in February, 2012.

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)	8.46E-09	8.38E-09	3.12E-08	3.13E-08	3.36E-08	9.58E-09	5.57E-09	-5.77E-09
URI (ΔCDF)	-5.70E-08	-5.36E-08	-5.42E-08	-5.53E-08	-5.72E-08	-5.15E-08	-5.35E-08	-5.43E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-08**	**-4.50E-08**	**-2.30E-08**	**-2.40E-08**	**-2.40E-08**	**-4.20E-08**	**-4.80E-08**	**-6.00E-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	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	-4.59E-09	-4.59E-09	-4.59E-09	-1.06E-09	-8.77E-10	-9.56E-10	-8.00E-10	-9.65E-10
URI (ΔCDF)	-4.76E-09	-4.58E-09	-4.94E-09	-5.02E-09	-5.13E-09	-5.08E-09	-5.08E-09	-5.01E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.30E-09**	**-9.20E-09**	**-9.50E-09**	**-6.10E-09**	**-6.00E-09**	**-6.00E-09**	**-5.90E-09**	**-6.00E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	-2.12E-09	-2.16E-09	1.15E-09	-2.04E-09	-1.35E-10	7.10E-10	6.78E-10	6.61E-10
URI (ΔCDF)	-1.33E-08	-1.32E-08	-1.31E-08	-1.33E-08	-1.34E-08	-1.31E-08	-1.33E-08	-1.29E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-08**	**-1.50E-08**	**-1.20E-08**	**-1.50E-08**	**-1.40E-08**	**-1.20E-08**	**-1.30E-08**	**-1.20E-08**

Licensee Comments:

3Q/13: Follow-up comment as required by NEI 99-02 Reporting Guidance: An engineering evaluation was completed for the high oil level condition identified last quarter for the 2P-7A Emergency Feedwater Pump. The evaluation showed that the condition did not impact pump operability, and therefore, did not result in any performance indicator impact.

2Q/13: In May, a high oil level condition was identified for the 2P-7A Emergency Feedwater Pump. An engineering evaluation is in progress to evaluate the condition. Any performance indicator impact as a result of the evaluation will be reported in the following quarter, as instructed by NEI 99-02 Reporting Guidance.

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)	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12
URI (ΔCDF)	-1.66E-12	-1.59E-12	-1.73E-12	-1.76E-12	-1.73E-12	-1.69E-12	-1.86E-12	-1.63E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-12**	**-6.10E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.30E-12**	**-6.10E-12**

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.40E-08	-6.32E-08	-6.40E-08	-6.45E-08	-4.71E-08	-4.46E-08	-4.33E-08	-4.07E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-08**	**-6.30E-08**	**-6.40E-08**	**-6.40E-08**	**-4.70E-08**	**-4.50E-08**	**-4.30E-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	0.001650	0.001700	0.001710	0.001720	0.001780	0.001760	0.000649	0.000720	0.000747	0.000775	0.000820	0.000811
Technical specification limit	1.0	1.0	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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	N/A	0.000823	0.000846	0.000875	0.000901	0.000902	0.000939	0.000978	0.000948	0.001000	0.001060	0.001040
Technical specification limit	1.0	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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments:

6/13: ANO-2 was not at steady state power as defined in NEI 99-02 for the entire month of April.

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	0.100	0.096	0.094	0.105	0.102	0.106	0.212	0.113	0.114	0.123	0.092	0.090
Technical specification limit	10.0	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**	**0.9**	**1.1**	**1.0**	**1.1**	**2.1**	**1.1**	**1.1**	**1.2**	**0.9**	**0.9**
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	0.076	0.088	0.094	0.094	0.099	0.112	0.108	0.143	0.139	0.168	0.200	0.196
Technical specification limit	10.0	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**	**0.9**	**1.0**	**1.1**	**1.1**	**1.4**	**1.4**	**1.7**	**2.0**	**2.0**

Licensee Comments:

12/13: Total Leakage is being reported in lieu of Identified Leakage.

9/13: Total Leakage is being reported in lieu of Identified Leakage.

6/13: Total Leakage is being reported in lieu of Identified Leakage.

3/13: Total Leakage is being reported in lieu of Identified Leakage

12/12: Total Leakage is being reported in lieu of Identified Leakage.

9/12: Total Leakage is being reported in lieu of Identified Leakage.

6/12: Total Leakage is being reported in lieu of Identified Leakage

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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	48.0	16.0	13.0	26.0	8.0	51.0	50.0	51.0
Total opportunities	50.0	16.0	15.0	27.0	8.0	53.0	51.0	53.0
Indicator value	**97.5%**	**97.3%**	**96.7%**	**96.4%**	**96.3%**	**96.0%**	**96.7%**	**96.3%**

Licensee Comments:

4Q/13: Change to correct counting of the number of drills performed in the 4th qtr.

3Q/13: Change to correct counting of the number of drills performed in the 3rd qtr.

3Q/13: In January of 2014, five drills that were not previously counted were added to the 3rd Quarter 2013 Emergency Preparedness data.

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	112.0	106.0	115.0	84.0	81.0	98.0	99.0	103.0
Total Key personnel	114.0	111.0	117.0	84.0	81.0	98.0	99.0	103.0
Indicator value	**98.2%**	**95.5%**	**98.3%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	147	147	147	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**100.0%**	**100.0%**	**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

Arkansas Nuclear 2

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned scrams	1.0	0	1.0	0	0	1.0	0	1.0
Critical hours	1755.3	1987.5	2142.8	1526.7	2208.0	1664.8	1930.7	1068.7
Indicator value	**0.8**	**0.9**	**1.7**	**1.9**	**0.9**	**1.9**	**1.0**	**2.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1755.3	1987.5	2142.8	1526.7	2208.0	1664.8	1930.7	1068.7
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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

Licensee Comments:

2Q/13: April 2013 - Licensee Event Report 50-368/2013-002-00: Emergency Control Room Chiller Inoperability

1Q/13: Licensee Event Report 50-368/2013-001-00 submitted in February, 2012.

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)	8.38E-09	3.12E-08	3.13E-08	3.36E-08	9.58E-09	5.57E-09	-5.77E-09	-5.77E-09
URI (ΔCDF)	-5.36E-08	-5.42E-08	-5.53E-08	-5.72E-08	-5.15E-08	-5.35E-08	-5.43E-08	-5.62E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.50E-08**	**-2.30E-08**	**-2.40E-08**	**-2.40E-08**	**-4.20E-08**	**-4.80E-08**	**-6.00E-08**	**-6.20E-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/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	-4.59E-09	-4.59E-09	-1.06E-09	-8.77E-10	-9.56E-10	-8.00E-10	-9.65E-10	-6.38E-10
URI (ΔCDF)	-4.58E-09	-4.94E-09	-5.02E-09	-5.13E-09	-5.08E-09	-5.08E-09	-5.01E-09	-5.34E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.20E-09**	**-9.50E-09**	**-6.10E-09**	**-6.00E-09**	**-6.00E-09**	**-5.90E-09**	**-6.00E-09**	**-6.00E-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	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (ΔCDF)	-2.16E-09	1.15E-09	-2.04E-09	-1.35E-10	7.10E-10	6.78E-10	6.61E-10	3.40E-09
URI (ΔCDF)	-1.32E-08	-1.31E-08	-1.33E-08	-1.34E-08	-1.31E-08	-1.33E-08	-1.29E-08	-1.35E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-08**	**-1.20E-08**	**-1.50E-08**	**-1.40E-08**	**-1.20E-08**	**-1.30E-08**	**-1.20E-08**	**-1.00E-08**

Licensee Comments:

3Q/13: Follow-up comment as required by NEI 99-02 Reporting Guidance: An engineering evaluation was completed for the high oil level condition identified last quarter for the 2P-7A Emergency Feedwater Pump. The evaluation showed that the condition did not impact pump operability, and therefore, did not result in any performance indicator impact.

2Q/13: In May, a high oil level condition was identified for the 2P-7A Emergency Feedwater Pump. An engineering evaluation is in progress to evaluate the condition. Any performance indicator impact as a result of the evaluation will be reported in the following quarter, as instructed by NEI 99-02 Reporting Guidance.

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)	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12
URI (ΔCDF)	-1.59E-12	-1.73E-12	-1.76E-12	-1.73E-12	-1.69E-12	-1.86E-12	-1.63E-12	-1.76E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.30E-12**	**-6.10E-12**	**-6.20E-12**

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.32E-08	-6.40E-08	-6.45E-08	-4.71E-08	-4.46E-08	-4.33E-08	-4.07E-08	-4.35E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-08**	**-6.40E-08**	**-6.40E-08**	**-4.70E-08**	**-4.50E-08**	**-4.30E-08**	**-4.10E-08**	**-4.30E-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	0.001720	0.001780	0.001760	0.000649	0.000720	0.000747	0.000775	0.000820	0.000811	N/A	0.000823	0.000846
Technical specification limit	1.0	1.0	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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**0.1**	**0.1**

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	0.000875	0.000901	0.000902	0.000939	0.000978	0.000948	0.001000	0.001060	0.001040	0.001270	N/A	0.000519
Technical specification limit	1.0	1.0	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**	**N/A**	**0.1**

Licensee Comments:

6/13: ANO-2 was not at steady state power as defined in NEI 99-02 for the entire month of April.

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	0.105	0.102	0.106	0.212	0.113	0.114	0.123	0.092	0.090	0.076	0.088	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	**1.1**	**1.0**	**1.1**	**2.1**	**1.1**	**1.1**	**1.2**	**0.9**	**0.9**	**0.8**	**0.9**	**0.9**
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	0.094	0.099	0.112	0.108	0.143	0.139	0.168	0.200	0.196	0.195	0.182	0.182
Technical specification limit	10.0	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**	**1.0**	**1.1**	**1.1**	**1.4**	**1.4**	**1.7**	**2.0**	**2.0**	**2.0**	**1.8**	**1.8**

Licensee Comments:

12/13: Total Leakage is being reported in lieu of Identified Leakage.

9/13: Total Leakage is being reported in lieu of Identified Leakage.

6/13: Total Leakage is being reported in lieu of Identified Leakage.

3/13: Total Leakage is being reported in lieu of Identified Leakage

12/12: Total Leakage is being reported in lieu of Identified Leakage.

9/12: Total Leakage is being reported in lieu of Identified Leakage.

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	16.0	13.0	26.0	8.0	51.0	50.0	51.0	44.0
Total opportunities	16.0	15.0	27.0	8.0	53.0	51.0	53.0	44.0
Indicator value	**97.3%**	**96.7%**	**96.4%**	**96.3%**	**96.0%**	**96.7%**	**96.3%**	**97.0%**

Licensee Comments:

4Q/13: Change to correct counting of the number of drills performed in the 4th qtr.

3Q/13: Change to correct counting of the number of drills performed in the 3rd qtr.

3Q/13: In January of 2014, five drills that were not previously counted were added to the 3rd Quarter 2013 Emergency Preparedness data.

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	106.0	115.0	84.0	81.0	98.0	99.0	103.0	118.0
Total Key personnel	111.0	117.0	84.0	81.0	98.0	99.0	103.0	118.0
Indicator value	**95.5%**	**98.3%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful siren-tests	147	147	147	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: July 31, 2014

Arkansas Nuclear 2

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	1.0	0	0	1.0	0	1.0	0
Critical hours	1987.5	2142.8	1526.7	2208.0	1664.8	1930.7	1068.7	2208.0
Indicator value	**0.9**	**1.7**	**1.9**	**0.9**	**1.9**	**1.0**	**2.0**	**2.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1987.5	2142.8	1526.7	2208.0	1664.8	1930.7	1068.7	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/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	1	1	0	0	0	1	0
Indicator value	**0**	**1**	**2**	**2**	**2**	**1**	**1**	**1**

Licensee Comments:

2Q/13: April 2013 - Licensee Event Report 50-368/2013-002-00: Emergency Control Room Chiller Inoperability

1Q/13: Licensee Event Report 50-368/2013-001-00 submitted in February, 2012.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	3.12E-08	3.13E-08	3.36E-08	9.58E-09	5.57E-09	-5.77E-09	-5.77E-09	-5.55E-09
URI (ΔCDF)	-5.42E-08	-5.53E-08	-5.72E-08	-5.15E-08	-5.35E-08	-5.43E-08	-5.62E-08	-5.52E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.30E-08**	**-2.40E-08**	**-2.40E-08**	**-4.20E-08**	**-4.80E-08**	**-6.00E-08**	**-6.20E-08**	**-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	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	-4.59E-09	-1.06E-09	-8.77E-10	-9.56E-10	-8.00E-10	-9.65E-10	-6.38E-10	-6.38E-10
URI (ΔCDF)	-4.94E-09	-5.02E-09	-5.13E-09	-5.08E-09	-5.08E-09	-5.01E-09	-5.34E-09	-5.34E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.50E-09**	**-6.10E-09**	**-6.00E-09**	**-6.00E-09**	**-5.90E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-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/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	1.15E-09	-2.04E-09	-1.35E-10	7.10E-10	6.78E-10	6.61E-10	3.40E-09	9.53E-10
URI (ΔCDF)	-1.31E-08	-1.33E-08	-1.34E-08	-1.31E-08	-1.33E-08	-1.29E-08	-1.36E-08	-1.30E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-08**	**-1.50E-08**	**-1.40E-08**	**-1.20E-08**	**-1.30E-08**	**-1.20E-08**	**-1.00E-08**	**-1.20E-08**

Licensee Comments:

2Q/14: Correction to April reliability data. (CR-ANO-2-2014-02584) (Changed October 2014 does not affect the color of this Indicator)

3Q/13: Follow-up comment as required by NEI 99-02 Reporting Guidance: An engineering evaluation was completed for the high oil level condition identified last quarter for the 2P-7A Emergency Feedwater Pump. The evaluation showed that the condition did not impact pump operability, and therefore, did not result in any performance indicator impact.

2Q/13: In May, a high oil level condition was identified for the 2P-7A Emergency Feedwater Pump. An engineering evaluation is in progress to evaluate the condition. Any performance indicator impact as a result of the evaluation will be reported in the following quarter, as instructed by NEI 99-02 Reporting Guidance.

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)	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.48E-12
URI (ΔCDF)	-1.73E-12	-1.76E-12	-1.73E-12	-1.69E-12	-1.86E-12	-1.63E-12	-1.76E-12	-1.76E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.30E-12**	**-6.10E-12**	**-6.20E-12**	**-6.20E-12**

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.40E-08	-6.45E-08	-4.71E-08	-4.46E-08	-4.33E-08	-4.07E-08	-4.35E-08	-4.49E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-08**	**-6.40E-08**	**-4.70E-08**	**-4.50E-08**	**-4.30E-08**	**-4.10E-08**	**-4.30E-08**	**-4.50E-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	0.000649	0.000720	0.000747	0.000775	0.000820	0.000811	N/A	0.000823	0.000846	0.000875	0.000901	0.000902
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.000939	0.000978	0.000948	0.001000	0.001060	0.001040	0.001270	N/A	0.000519	0.000615	0.000618	0.000581
Technical specification limit	1.0	1.0	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**	**N/A**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments:

6/13: ANO-2 was not at steady state power as defined in NEI 99-02 for the entire month of April.

Reactor Coolant System Leakage

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	0.212	0.113	0.114	0.123	0.092	0.090	0.076	0.088	0.094	0.094	0.099	0.112
Technical specification limit	10.0	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**	**1.1**	**1.1**	**1.2**	**0.9**	**0.9**	**0.8**	**0.9**	**0.9**	**0.9**	**1.0**	**1.1**
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	0.143	0.139	0.168	0.200	0.196	0.195	0.182	0.182	0.168	0.192	0.180
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.1**	**1.4**	**1.4**	**1.7**	**2.0**	**2.0**	**2.0**	**1.8**	**1.8**	**1.7**	**1.9**	**1.8**

Licensee Comments:

12/13: Total Leakage is being reported in lieu of Identified Leakage.

9/13: Total Leakage is being reported in lieu of Identified Leakage.

6/13: Total Leakage is being reported in lieu of Identified Leakage.

3/13: Total Leakage is being reported in lieu of Identified Leakage

12/12: Total Leakage is being reported in lieu of Identified Leakage.

Notes

Drill/Exercise Performance	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful opportunities	13.0	26.0	8.0	51.0	50.0	51.0	45.0	105.0
Total opportunities	15.0	27.0	8.0	53.0	51.0	54.0	45.0	108.0
Indicator value	**96.7%**	**96.4%**	**96.3%**	**96.0%**	**96.7%**	**96.0%**	**96.7%**	**96.7%**

Licensee Comments:

2Q/14: Change to correct counting of the number of drills performed in the 2nd qtr. (Changed October 2014 does not affect the color of this indicator)

1Q/14: SM Classification failure during 2/25/2014 simulator set. EOF notification failure during 3/19/2014 full scale drill. EOF PAR failure furing 3/19/2014 full scale drill. (Changed October 2014 does not affect the color of this indicator)

4Q/13: Change to correct counting of the number of drills performed in the 4th qtr.

3Q/13: Change to correct counting of the number of drills performed in the 3rd qtr.

3Q/13: In January of 2014, five drills that were not previously counted were added to the 3rd Quarter 2013 Emergency Preparedness data.

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	115.0	84.0	81.0	98.0	99.0	103.0	118.0	119.0
Total Key personnel	117.0	84.0	81.0	98.0	99.0	103.0	118.0	119.0
Indicator value	**98.3%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful siren-tests	147	147	147	146	147	146	147	147
Total sirens-tests	147	147	147	146	147	147	147	147
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments:

1Q/14: February 2014 - 2z7 failed the initial siren test. Additional checks were performed and the siren tested sat. It also tested sat in March 2014 test. (CR-ANO-C-2014-02471) (Changed October 2014 does not affect the color of this indicator)

3Q/13: September 2013 -siren 3z5 did not appear on the test form. It could not be determined if the siren was actually rested, due to the length of time between testing and identification of the miss. Therefore, this siren is being removed from consideration in the ANS testing. (CR-ANO-C-2014-02471) (Changed October 2014 does not affect the color of this indicator)

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

Arkansas Nuclear 2

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned scrams	1.0	0	0	1.0	0	1.0	0	0
Critical hours	2142.8	1526.7	2208.0	1664.8	1930.7	1068.7	2208.0	2209.0
Indicator value	**1.7**	**1.9**	**0.9**	**1.9**	**1.0**	**2.0**	**2.0**	**0.9**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2142.8	1526.7	2208.0	1664.8	1930.7	1068.7	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

4Q/14: FAQ 14-09 has been submitted and could impact previously submitted data.

Unplanned Scrams with Complications

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

Licensee Comments:

2Q/13: April 2013 - Licensee Event Report 50-368/2013-002-00: Emergency Control Room Chiller Inoperability

1Q/13: Licensee Event Report 50-368/2013-001-00 submitted in February, 2012.

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)	3.13E-08	3.36E-08	9.58E-09	5.57E-09	-5.77E-09	-5.77E-09	-5.55E-09	7.48E-09
URI (ΔCDF)	-5.53E-08	-5.72E-08	-5.15E-08	-5.35E-08	-5.43E-08	-5.62E-08	-5.52E-08	-5.46E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.40E-08**	**-2.40E-08**	**-4.20E-08**	**-4.80E-08**	**-6.00E-08**	**-6.20E-08**	**-6.10E-08**	**-4.70E-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/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	-1.06E-09	-8.77E-10	-9.56E-10	-8.00E-10	-9.65E-10	-6.38E-10	-6.38E-10	-6.38E-10
URI (ΔCDF)	-5.02E-09	-5.13E-09	-5.08E-09	-5.08E-09	-5.01E-09	-5.34E-09	-5.34E-09	-5.32E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-09**	**-6.00E-09**	**-6.00E-09**	**-5.90E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-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	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	-2.04E-09	-1.35E-10	7.10E-10	6.78E-10	6.61E-10	3.40E-09	9.53E-10	-3.17E-11
URI (ΔCDF)	-1.33E-08	-1.34E-08	-1.31E-08	-1.33E-08	-1.29E-08	-1.36E-08	-1.30E-08	-1.31E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.50E-08**	**-1.40E-08**	**-1.20E-08**	**-1.30E-08**	**-1.20E-08**	**-1.00E-08**	**-1.20E-08**	**-1.30E-08**

Licensee Comments:

2Q/14: Correction to April reliability data. (CR-ANO-2-2014-02584) (Changed October 2014 does not affect the color of this Indicator)

3Q/13: Follow-up comment as required by NEI 99-02 Reporting Guidance: An engineering evaluation was completed for the high oil level condition identified last quarter for the 2P-7A Emergency Feedwater Pump. The evaluation showed that the condition did not impact pump operability, and therefore, did not result in any performance indicator impact.

2Q/13: In May, a high oil level condition was identified for the 2P-7A Emergency Feedwater Pump. An engineering evaluation is in progress to evaluate the condition. Any performance indicator impact as a result of the evaluation will be reported in the following quarter, as instructed by NEI 99-02 Reporting Guidance.

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)	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.48E-12	-4.48E-12
URI (ΔCDF)	-1.76E-12	-1.73E-12	-1.69E-12	-1.86E-12	-1.63E-12	-1.76E-12	-1.76E-12	-1.76E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.30E-12**	**-6.10E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-6.45E-08	-4.71E-08	-4.46E-08	-4.33E-08	-4.07E-08	-4.35E-08	-4.49E-08	-4.67E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-08**	**-4.70E-08**	**-4.50E-08**	**-4.30E-08**	**-4.10E-08**	**-4.30E-08**	**-4.50E-08**	**-4.70E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**
Maximum activity	0.000775	0.000820	0.000811	N/A	0.000823	0.000846	0.000875	0.000901	0.000902	0.000939	0.000978	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	**0.1**	**0.1**	**0.1**	**N/A**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.001000	0.001060	0.001040	0.001270	N/A	0.000519	0.000615	0.000618	0.000581	0.000609	0.000619	0.000685
Technical specification limit	1.0	1.0	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**	**N/A**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments:

6/13: ANO-2 was not at steady state power as defined in NEI 99-02 for the entire month of April.

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	0.123	0.092	0.090	0.076	0.088	0.094	0.094	0.099	0.112	0.108	0.143	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	**1.2**	**0.9**	**0.9**	**0.8**	**0.9**	**0.9**	**0.9**	**1.0**	**1.1**	**1.1**	**1.4**	**1.4**
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	0.168	0.200	0.196	0.195	0.182	0.182	0.168	0.192	0.180	0.164	0.178	0.189
Technical specification limit	10.0	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**	**2.0**	**2.0**	**2.0**	**1.8**	**1.8**	**1.7**	**1.9**	**1.8**	**1.6**	**1.8**	**1.9**

Licensee Comments:

12/13: Total Leakage is being reported in lieu of Identified Leakage.

9/13: Total Leakage is being reported in lieu of Identified Leakage.

6/13: Total Leakage is being reported in lieu of Identified Leakage.

3/13: Total Leakage is being reported in lieu of Identified Leakage

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	26.0	8.0	51.0	50.0	51.0	45.0	108.0	61.0
Total opportunities	27.0	8.0	53.0	51.0	54.0	45.0	111.0	61.0
Indicator value	**96.4%**	**96.3%**	**96.0%**	**96.7%**	**96.0%**	**96.7%**	**96.7%**	**97.6%**

Licensee Comments:

3Q/14: The September Drill / Exercise Performance was revised to included three notification communicator drills. This change dose not affect the color of this indicator.

2Q/14: Change to correct counting of the number of drills performed in the 2nd qtr. (Changed October 2014 does not affect the color of this indicator)

1Q/14: SM Classification failure during 2/25/2014 simulator set. EOF notification failure during 3/19/2014 full scale drill. EOF PAR failure furing 3/19/2014 full scale drill. (Changed October 2014 does not affect the color of this indicator)

4Q/13: Change to correct counting of the number of drills performed in the 4th qtr.

3Q/13: Change to correct counting of the number of drills performed in the 3rd qtr.

3Q/13: In January of 2014, five drills that were not previously counted were added to the 3rd Quarter 2013 Emergency Preparedness data.

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	84.0	81.0	98.0	99.0	103.0	118.0	119.0	116.0
Total Key personnel	84.0	81.0	98.0	99.0	103.0	118.0	119.0	116.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful siren-tests	147	147	146	147	146	147	147	146
Total sirens-tests	147	147	146	147	147	147	147	147
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**

Licensee Comments:

1Q/14: February 2014 - 2z7 failed the initial siren test. Additional checks were performed and the siren tested sat. It also tested sat in March 2014 test. (CR-ANO-C-2014-02471) (Changed October 2014 does not affect the color of this indicator)

3Q/13: September 2013 -siren 3z5 did not appear on the test form. It could not be determined if the siren was actually rested, due to the length of time between testing and identification of the miss. Therefore, this siren is being removed from consideration in the ANS testing. (CR-ANO-C-2014-02471) (Changed October 2014 does not affect the color of this indicator)

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

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: February 3, 2015

Arkansas Nuclear 2

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	1.0	0	1.0	0	0	0
Critical hours	1526.7	2208.0	1664.8	1930.7	1068.7	2208.0	2209.0	2159.0
Indicator value	**1.9**	**0.9**	**1.9**	**1.0**	**2.0**	**2.0**	**0.9**	**0.9**

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	0	0	0	0
Critical hours	1526.7	2208.0	1664.8	1930.7	1068.7	2208.0	2209.0	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

4Q/14: FAQ 14-09 has been submitted and could impact previously submitted data.

Unplanned Scrams with Complications

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

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Safety System Functional Failures	1	0	0	0	1	0	0	0
Indicator value	**2**	**2**	**2**	**1**	**1**	**1**	**1**	**1**

Licensee Comments:

2Q/13: April 2013 - Licensee Event Report 50-368/2013-002-00: Emergency Control Room Chiller Inoperability

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	3.36E-08	9.58E-09	5.57E-09	-5.77E-09	-5.77E-09	-5.55E-09	7.48E-09	6.28E-09
URI (ΔCDF)	-5.72E-08	-5.15E-08	-5.35E-08	-5.43E-08	-5.62E-08	-5.52E-08	-5.46E-08	-5.67E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.40E-08**	**-4.20E-08**	**-4.80E-08**	**-6.00E-08**	**-6.20E-08**	**-6.10E-08**	**-4.70E-08**	**-5.00E-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	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	-8.77E-10	-9.56E-10	-8.00E-10	-9.65E-10	-6.38E-10	-6.38E-10	-6.38E-10	-6.31E-10
URI (ΔCDF)	-5.13E-09	-5.08E-09	-5.08E-09	-5.01E-09	-5.34E-09	-5.34E-09	-5.32E-09	-5.32E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-09**	**-6.00E-09**	**-5.90E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (ΔCDF)	-1.35E-10	7.10E-10	6.78E-10	6.61E-10	3.40E-09	9.53E-10	-3.17E-11	-1.65E-11
URI (ΔCDF)	-1.34E-08	-1.31E-08	-1.33E-08	-1.29E-08	-1.36E-08	-1.30E-08	-1.31E-08	-1.28E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-08**	**-1.20E-08**	**-1.30E-08**	**-1.20E-08**	**-1.00E-08**	**-1.20E-08**	**-1.30E-08**	**-1.30E-08**

Licensee Comments:

2Q/14: Correction to April reliability data. (CR-ANO-2-2014-02584) (Changed October 2014 does not affect the color of this Indicator)

3Q/13: Follow-up comment as required by NEI 99-02 Reporting Guidance: An engineering evaluation was completed for the high oil level condition identified last quarter for the 2P-7A Emergency Feedwater Pump. The evaluation showed that the condition did not impact pump operability, and therefore, did not result in any performance indicator impact.

2Q/13: In May, a high oil level condition was identified for the 2P-7A Emergency Feedwater Pump. An engineering evaluation is in progress to evaluate the condition. Any performance indicator impact as a result of the evaluation will be reported in the following quarter, as instructed by NEI 99-02 Reporting Guidance.

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)	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.48E-12	-4.48E-12	-4.48E-12
URI (ΔCDF)	-1.73E-12	-1.69E-12	-1.86E-12	-1.63E-12	-1.76E-12	-1.76E-12	-1.76E-12	-1.76E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-12**	**-6.20E-12**	**-6.30E-12**	**-6.10E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-4.71E-08	-4.46E-08	-4.33E-08	-4.07E-08	-4.35E-08	-4.49E-08	-4.67E-08	-4.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.70E-08**	**-4.50E-08**	**-4.30E-08**	**-4.10E-08**	**-4.30E-08**	**-4.50E-08**	**-4.70E-08**	**-4.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum activity	N/A	0.000823	0.000846	0.000875	0.000901	0.000902	0.000939	0.000978	0.000948	0.001000	0.001060	0.001040
Technical specification limit	1.0	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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum activity	0.001270	N/A	0.000519	0.000615	0.000618	0.000581	0.000609	0.000619	0.000685	0.000698	0.000645	0.000776
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**N/A**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments:

6/13: ANO-2 was not at steady state power as defined in NEI 99-02 for the entire month of April.

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	0.076	0.088	0.094	0.094	0.099	0.112	0.108	0.143	0.139	0.168	0.200	0.196
Technical specification limit	10.0	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**	**0.9**	**1.0**	**1.1**	**1.1**	**1.4**	**1.4**	**1.7**	**2.0**	**2.0**
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	0.195	0.182	0.182	0.168	0.192	0.180	0.164	0.178	0.189	0.190	0.184	0.187
Technical specification limit	10.0	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**	**1.8**	**1.8**	**1.7**	**1.9**	**1.8**	**1.6**	**1.8**	**1.9**	**1.9**	**1.8**	**1.9**

Licensee Comments:

12/13: Total Leakage is being reported in lieu of Identified Leakage.

9/13: Total Leakage is being reported in lieu of Identified Leakage.

6/13: Total Leakage is being reported in lieu of Identified Leakage.

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	8.0	51.0	50.0	51.0	45.0	108.0	61.0	16.0
Total opportunities	8.0	53.0	51.0	54.0	45.0	111.0	61.0	16.0
Indicator value	**96.3%**	**96.0%**	**96.7%**	**96.0%**	**96.7%**	**96.7%**	**97.6%**	**97.7%**

Licensee Comments:

3Q/14: The September Drill / Exercise Performance was revised to included three notification communicator drills. This change dose not affect the color of this indicator.

2Q/14: Change to correct counting of the number of drills performed in the 2nd qtr. (Changed October 2014 does not affect the color of this indicator)

1Q/14: SM Classification failure during 2/25/2014 simulator set. EOF notification failure during 3/19/2014 full scale drill. EOF PAR failure furing 3/19/2014 full scale drill. (Changed October 2014 does not affect the color of this indicator)

4Q/13: Change to correct counting of the number of drills performed in the 4th qtr.

3Q/13: Change to correct counting of the number of drills performed in the 3rd qtr.

3Q/13: In January of 2014, five drills that were not previously counted were added to the 3rd Quarter 2013 Emergency Preparedness data.

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	81.0	98.0	99.0	103.0	118.0	119.0	116.0	113.0
Total Key personnel	81.0	98.0	99.0	103.0	118.0	119.0	116.0	113.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful siren-tests	147	146	147	146	147	147	146	147
Total sirens-tests	147	146	147	147	147	147	147	147
Indicator value	**100.0%**	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.8%**

Licensee Comments:

1Q/14: February 2014 - 2z7 failed the initial siren test. Additional checks were performed and the siren tested sat. It also tested sat in March 2014 test. (CR-ANO-C-2014-02471) (Changed October 2014 does not affect the color of this indicator)

3Q/13: September 2013 -siren 3z5 did not appear on the test form. It could not be determined if the siren was actually rested, due to the length of time between testing and identification of the miss. Therefore, this siren is being removed from consideration in the ANS testing. (CR-ANO-C-2014-02471) (Changed October 2014 does not affect the color of this indicator)

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

Arkansas Nuclear 2

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned scrams	0	1.0	0	2.0	0	0	0	0
Critical hours	2208.0	1664.8	1930.7	1068.7	2208.0	2209.0	2159.0	2184.0
Indicator value	**0.9**	**1.9**	**1.0**	**3.1**	**3.1**	**1.9**	**1.8**	**0**

Licensee Comments:

2Q/14: 4/27/14 Axial Shape Index trip during the shutdown due to grid damage is being added due to resolution of FAQ 14-09. This changes the indicator color from green to white for the second and third quarter of 2014.

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	0	0	0	0	0
Critical hours	2208.0	1664.8	1930.7	1068.7	2208.0	2209.0	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

4Q/14: FAQ 14-09 has been submitted and could impact previously submitted data.

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	1	0	0	0	0
Indicator value	**2**	**2**	**1**	**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	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	9.58E-09	5.57E-09	-5.77E-09	-5.77E-09	-5.55E-09	7.48E-09	6.28E-09	6.28E-09
URI (ΔCDF)	-5.15E-08	-5.35E-08	-5.43E-08	-5.62E-08	-5.52E-08	-5.46E-08	-5.67E-08	-5.47E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.20E-08**	**-4.80E-08**	**-6.00E-08**	**-6.20E-08**	**-6.10E-08**	**-4.70E-08**	**-5.00E-08**	**-4.80E-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/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	-9.56E-10	-8.00E-10	-9.65E-10	-6.38E-10	-6.38E-10	-6.38E-10	-6.31E-10	-6.31E-10
URI (ΔCDF)	-5.08E-09	-5.08E-09	-5.01E-09	-5.34E-09	-5.34E-09	-5.32E-09	-5.32E-09	-5.31E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-09**	**-5.90E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-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	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	7.10E-10	6.78E-10	6.61E-10	3.40E-09	9.53E-10	-3.17E-11	-1.65E-11	-4.14E-10
URI (ΔCDF)	-1.31E-08	-1.33E-08	-1.29E-08	-1.36E-08	-1.30E-08	-1.31E-08	-1.28E-08	-1.28E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-08**	**-1.30E-08**	**-1.20E-08**	**-1.00E-08**	**-1.20E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**

Licensee Comments:

2Q/14: Correction to April reliability data. (CR-ANO-2-2014-02584) (Changed October 2014 does not affect the color of this Indicator)

3Q/13: Follow-up comment as required by NEI 99-02 Reporting Guidance: An engineering evaluation was completed for the high oil level condition identified last quarter for the 2P-7A Emergency Feedwater Pump. The evaluation showed that the condition did not impact pump operability, and therefore, did not result in any performance indicator impact.

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)	-4.49E-12	-4.49E-12	-4.49E-12	-4.49E-12	-4.48E-12	-4.48E-12	-4.48E-12	-4.48E-12
URI (ΔCDF)	-1.69E-12	-1.86E-12	-1.63E-12	-1.76E-12	-1.76E-12	-1.76E-12	-1.76E-12	-1.73E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-12**	**-6.30E-12**	**-6.10E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-4.46E-08	-4.33E-08	-4.07E-08	-4.35E-08	-4.49E-08	-4.67E-08	-4.53E-08	-4.48E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.50E-08**	**-4.30E-08**	**-4.10E-08**	**-4.30E-08**	**-4.50E-08**	**-4.70E-08**	**-4.50E-08**	**-4.50E-08**

Licensee Comments: none

Reactor Coolant System Activity

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	0.000875	0.000901	0.000902	0.000939	0.000978	0.000948	0.001000	0.001060	0.001040	0.001270	N/A	0.000519
Technical specification limit	1.0	1.0	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**	**N/A**	**0.1**

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	0.000615	0.000618	0.000581	0.000609	0.000619	0.000685	0.000698	0.000645	0.000776	0.000725	0.000780	0.000844
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**
Maximum leakage	0.094	0.099	0.112	0.108	0.143	0.139	0.168	0.200	0.196	0.195	0.182	0.182
Technical specification limit	10.0	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**	**1.0**	**1.1**	**1.1**	**1.4**	**1.4**	**1.7**	**2.0**	**2.0**	**2.0**	**1.8**	**1.8**
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	0.168	0.192	0.180	0.164	0.178	0.189	0.190	0.184	0.187	0.201	0.211	0.219
Technical specification limit	10.0	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**	**1.9**	**1.8**	**1.6**	**1.8**	**1.9**	**1.9**	**1.8**	**1.9**	**2.0**	**2.1**	**2.2**

Licensee Comments:

12/13: Total Leakage is being reported in lieu of Identified Leakage.

9/13: Total Leakage is being reported in lieu of Identified Leakage.

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	51.0	50.0	51.0	45.0	108.0	61.0	16.0	92.0
Total opportunities	53.0	51.0	54.0	45.0	111.0	61.0	16.0	96.0
Indicator value	**96.0%**	**96.7%**	**96.0%**	**96.7%**	**96.7%**	**97.6%**	**97.7%**	**97.3%**

Licensee Comments:

3Q/14: The September Drill / Exercise Performance was revised to included three notification communicator drills. This change dose not affect the color of this indicator.

2Q/14: Change to correct counting of the number of drills performed in the 2nd qtr. (Changed October 2014 does not affect the color of this indicator)

1Q/14: SM Classification failure during 2/25/2014 simulator set. EOF notification failure during 3/19/2014 full scale drill. EOF PAR failure furing 3/19/2014 full scale drill. (Changed October 2014 does not affect the color of this indicator)

4Q/13: Change to correct counting of the number of drills performed in the 4th qtr.

3Q/13: Change to correct counting of the number of drills performed in the 3rd qtr.

3Q/13: In January of 2014, five drills that were not previously counted were added to the 3rd Quarter 2013 Emergency Preparedness data.

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	98.0	99.0	103.0	118.0	119.0	116.0	113.0	109.0
Total Key personnel	98.0	99.0	103.0	118.0	119.0	116.0	113.0	109.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful siren-tests	146	147	146	147	147	146	147	147
Total sirens-tests	146	147	147	147	147	147	147	147
Indicator value	**100.0%**	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.8%**	**99.8%**

Licensee Comments:

1Q/14: February 2014 - 2z7 failed the initial siren test. Additional checks were performed and the siren tested sat. It also tested sat in March 2014 test. (CR-ANO-C-2014-02471) (Changed October 2014 does not affect the color of this indicator)

3Q/13: September 2013 -siren 3z5 did not appear on the test form. It could not be determined if the siren was actually rested, due to the length of time between testing and identification of the miss. Therefore, this siren is being removed from consideration in the ANS testing. (CR-ANO-C-2014-02471) (Changed October 2014 does not affect the color of this indicator)

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: July 24, 2015

Arkansas Nuclear 2

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	1.0	0	2.0	0	0	0	0	0
Critical hours	1664.8	1930.7	1068.7	2208.0	2209.0	2159.0	2184.0	1952.9
Indicator value	**1.9**	**1.0**	**3.1**	**3.1**	**1.9**	**1.8**	**0**	**0**

Licensee Comments:

2Q/14: 4/27/14 Axial Shape Index trip during the shutdown due to grid damage is being added due to resolution of FAQ 14-09. This changes the indicator color from green to white for the second and third quarter of 2014.

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	0	0	0	0	0	0
Critical hours	1664.8	1930.7	1068.7	2208.0	2209.0	2159.0	2184.0	1952.9
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

4Q/14: FAQ 14-09 has been submitted and could impact previously submitted data.

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

Safety System Functional Failures (PWR)

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	1	0	0	0	0	0
Indicator value	**2**	**1**	**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	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	5.57E-09	-5.77E-09	-5.77E-09	-5.55E-09	7.48E-09	6.28E-09	6.28E-09	5.04E-09
URI (ΔCDF)	-5.35E-08	-5.43E-08	-5.62E-08	-5.52E-08	-5.46E-08	-5.67E-08	-5.47E-08	-5.41E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.80E-08**	**-6.00E-08**	**-6.20E-08**	**-6.10E-08**	**-4.70E-08**	**-5.00E-08**	**-4.80E-08**	**-4.90E-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/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	-8.00E-10	-9.65E-10	-6.38E-10	-6.38E-10	-6.38E-10	-6.31E-10	-6.31E-10	-6.91E-10
URI (ΔCDF)	-5.08E-09	-5.01E-09	-5.34E-09	-5.34E-09	-5.32E-09	-5.32E-09	-5.31E-09	-5.22E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.90E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-5.90E-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	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	6.78E-10	6.61E-10	3.40E-09	9.53E-10	-3.17E-11	-1.65E-11	-4.14E-10	-3.69E-10
URI (ΔCDF)	-1.33E-08	-1.29E-08	-1.36E-08	-1.30E-08	-1.31E-08	-1.28E-08	-1.28E-08	-5.24E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-1.20E-08**	**-1.00E-08**	**-1.20E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-5.60E-09**

Licensee Comments:

2Q/14: Correction to April reliability data. (CR-ANO-2-2014-02584) (Changed October 2014 does not affect the color of this Indicator)

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)	-4.49E-12	-4.49E-12	-4.49E-12	-4.48E-12	-4.48E-12	-4.48E-12	-4.48E-12	-4.48E-12
URI (ΔCDF)	-1.86E-12	-1.63E-12	-1.76E-12	-1.76E-12	-1.76E-12	-1.76E-12	-1.73E-12	-1.86E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-12**	**-6.10E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.30E-12**

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-4.33E-08	-4.07E-08	-4.35E-08	-4.49E-08	-4.67E-08	-4.53E-08	-4.48E-08	-4.45E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.30E-08**	**-4.10E-08**	**-4.30E-08**	**-4.50E-08**	**-4.70E-08**	**-4.50E-08**	**-4.50E-08**	**-4.40E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity	0.000939	0.000978	0.000948	0.001000	0.001060	0.001040	0.001270	N/A	0.000519	0.000615	0.000618	0.000581
Technical specification limit	1.0	1.0	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**	**N/A**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.000609	0.000619	0.000685	0.000698	0.000645	0.000776	0.000725	0.000780	0.000844	0.000799	0.000841	0.000797
Technical specification limit	1.0	1.0	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

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	0.143	0.139	0.168	0.200	0.196	0.195	0.182	0.182	0.168	0.192	0.180
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.1**	**1.4**	**1.4**	**1.7**	**2.0**	**2.0**	**2.0**	**1.8**	**1.8**	**1.7**	**1.9**	**1.8**
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	0.164	0.178	0.189	0.190	0.184	0.187	0.201	0.211	0.219	0.246	0.250	0.264
Technical specification limit	10.0	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**	**1.8**	**1.9**	**1.9**	**1.8**	**1.9**	**2.0**	**2.1**	**2.2**	**2.5**	**2.5**	**2.6**

Licensee Comments:

12/13: Total Leakage is being reported in lieu of Identified Leakage.

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	50.0	51.0	45.0	108.0	61.0	16.0	93.0	65.0
Total opportunities	51.0	54.0	45.0	111.0	61.0	16.0	98.0	67.0
Indicator value	**96.7%**	**96.0%**	**96.7%**	**96.7%**	**97.6%**	**97.7%**	**97.1%**	**97.2%**

Licensee Comments:

2Q/15: The June Drill/Exercise Performance is being revised to include two Shift Manager requalification exams. This change does not affect the color of the Drill/Exercise Performance indicator.

3Q/14: The September Drill / Exercise Performance was revised to included three notification communicator drills. This change dose not affect the color of this indicator.

2Q/14: Change to correct counting of the number of drills performed in the 2nd qtr. (Changed October 2014 does not affect the color of this indicator)

1Q/14: SM Classification failure during 2/25/2014 simulator set. EOF notification failure during 3/19/2014 full scale drill. EOF PAR failure furing 3/19/2014 full scale drill. (Changed October 2014 does not affect the color of this indicator)

4Q/13: Change to correct counting of the number of drills performed in the 4th qtr.

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	99.0	103.0	118.0	119.0	116.0	113.0	109.0	106.0
Total Key personnel	99.0	103.0	118.0	119.0	116.0	113.0	109.0	106.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful siren-tests	147	146	147	147	146	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**100.0%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments:

1Q/14: February 2014 - 2z7 failed the initial siren test. Additional checks were performed and the siren tested sat. It also tested sat in March 2014 test. (CR-ANO-C-2014-02471) (Changed October 2014 does not affect the color of this indicator)

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

Arkansas Nuclear 2

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned scrams	0	2.0	0	0	0	0	0	0
Critical hours	1930.7	1068.7	2208.0	2209.0	2159.0	2184.0	1952.9	1154.1
Indicator value	**1.0**	**3.1**	**3.1**	**1.9**	**1.8**	**0**	**0**	**0**

Licensee Comments:

2Q/14: 4/27/14 Axial Shape Index trip during the shutdown due to grid damage is being added due to resolution of FAQ 14-09. This changes the indicator color from green to white for the second and third quarter of 2014.

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1930.7	1068.7	2208.0	2209.0	2159.0	2184.0	1952.9	1154.1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

4Q/14: FAQ 14-09 has been submitted and could impact previously submitted data.

Unplanned Scrams with Complications

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	1	0	0	0	0	0	0
Indicator value	**1**	**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	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	-5.77E-09	-5.77E-09	-5.55E-09	7.48E-09	6.28E-09	6.28E-09	5.04E-09	-5.77E-09
URI (ΔCDF)	-5.43E-08	-5.62E-08	-5.52E-08	-5.46E-08	-5.67E-08	-5.47E-08	-5.41E-08	-5.45E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-08**	**-6.20E-08**	**-6.10E-08**	**-4.70E-08**	**-5.00E-08**	**-4.80E-08**	**-4.90E-08**	**-6.00E-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/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	-9.65E-10	-6.38E-10	-6.38E-10	-6.38E-10	-6.31E-10	-6.31E-10	-6.91E-10	-4.30E-10
URI (ΔCDF)	-5.01E-09	-5.34E-09	-5.34E-09	-5.32E-09	-5.32E-09	-5.31E-09	-5.22E-09	-5.41E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-5.90E-09**	**-5.90E-09**	**-5.80E-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	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	6.61E-10	3.40E-09	9.53E-10	-3.17E-11	-1.65E-11	-4.14E-10	-3.69E-10	-2.40E-10
URI (ΔCDF)	-1.29E-08	-1.36E-08	-1.30E-08	-1.31E-08	-1.28E-08	-1.28E-08	-5.24E-09	-5.55E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-08**	**-1.00E-08**	**-1.20E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-5.60E-09**	**-5.80E-09**

Licensee Comments:

2Q/14: Correction to April reliability data. (CR-ANO-2-2014-02584) (Changed October 2014 does not affect the color of this Indicator)

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)	-4.49E-12	-4.49E-12	-4.48E-12	-4.48E-12	-4.48E-12	-4.48E-12	-4.48E-12	-4.41E-12
URI (ΔCDF)	-1.63E-12	-1.76E-12	-1.76E-12	-1.76E-12	-1.76E-12	-1.73E-12	-1.86E-12	1.75E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.30E-12**	**1.30E-11**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-4.07E-08	-4.35E-08	-4.49E-08	-4.67E-08	-4.53E-08	-4.48E-08	-4.45E-08	-4.67E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.10E-08**	**-4.30E-08**	**-4.50E-08**	**-4.70E-08**	**-4.50E-08**	**-4.50E-08**	**-4.40E-08**	**-4.70E-08**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.001000	0.001060	0.001040	0.001270	N/A	0.000519	0.000615	0.000618	0.000581	0.000609	0.000619	0.000685
Technical specification limit	1.0	1.0	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**	**N/A**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.000698	0.000645	0.000776	0.000725	0.000780	0.000844	0.000799	0.000841	0.000797	N/A	0.000438	0.000464
Technical specification limit	1.0	1.0	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**	**N/A**	**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	0.168	0.200	0.196	0.195	0.182	0.182	0.168	0.192	0.180	0.164	0.178	0.189
Technical specification limit	10.0	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**	**2.0**	**2.0**	**2.0**	**1.8**	**1.8**	**1.7**	**1.9**	**1.8**	**1.6**	**1.8**	**1.9**
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	0.190	0.184	0.187	0.201	0.211	0.219	0.246	0.250	0.264	N/A	0.243	0.066
Technical specification limit	10.0	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**	**1.8**	**1.9**	**2.0**	**2.1**	**2.2**	**2.5**	**2.5**	**2.6**	**N/A**	**2.4**	**0.7**

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	51.0	45.0	108.0	61.0	16.0	93.0	65.0	19.0
Total opportunities	54.0	45.0	111.0	61.0	16.0	98.0	67.0	19.0
Indicator value	**96.0%**	**96.7%**	**96.7%**	**97.6%**	**97.7%**	**97.1%**	**97.2%**	**97.2%**

Licensee Comments:

2Q/15: The June Drill/Exercise Performance is being revised to include two Shift Manager requalification exams. This change does not affect the color of the Drill/Exercise Performance indicator.

3Q/14: The September Drill / Exercise Performance was revised to included three notification communicator drills. This change dose not affect the color of this indicator.

2Q/14: Change to correct counting of the number of drills performed in the 2nd qtr. (Changed October 2014 does not affect the color of this indicator)

1Q/14: SM Classification failure during 2/25/2014 simulator set. EOF notification failure during 3/19/2014 full scale drill. EOF PAR failure furing 3/19/2014 full scale drill. (Changed October 2014 does not affect the color of this indicator)

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	103.0	118.0	119.0	116.0	113.0	109.0	106.0	103.0
Total Key personnel	103.0	118.0	119.0	116.0	113.0	109.0	106.0	103.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful siren-tests	146	147	147	146	147	147	147	146
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments:

1Q/14: February 2014 - 2z7 failed the initial siren test. Additional checks were performed and the siren tested sat. It also tested sat in March 2014 test. (CR-ANO-C-2014-02471) (Changed October 2014 does not affect the color of this indicator)

Occupational Exposure Control Effectiveness

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

Arkansas Nuclear 2

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	2.0	0	0	0	0	0	0	0
Critical hours	1068.7	2208.0	2209.0	2159.0	2184.0	1952.9	1154.1	1982.6
Indicator value	**3.1**	**3.1**	**1.9**	**1.8**	**0**	**0**	**0**	**0**

Licensee Comments:

2Q/14: 4/27/14 Axial Shape Index trip during the shutdown due to grid damage is being added due to resolution of FAQ 14-09. This changes the indicator color from green to white for the second and third quarter of 2014.

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	1068.7	2208.0	2209.0	2159.0	2184.0	1952.9	1154.1	1982.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**

Licensee Comments:

4Q/14: FAQ 14-09 has been submitted and could impact previously submitted data.

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	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	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	-5.77E-09	-5.55E-09	7.48E-09	6.28E-09	6.28E-09	5.04E-09	-5.77E-09	-5.77E-09
URI (ΔCDF)	-5.62E-08	-5.52E-08	-5.46E-08	-5.67E-08	-5.47E-08	-5.41E-08	-5.45E-08	-5.27E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-08**	**-6.10E-08**	**-4.70E-08**	**-5.00E-08**	**-4.80E-08**	**-4.90E-08**	**-6.00E-08**	**-5.90E-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/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	-6.38E-10	-6.38E-10	-6.38E-10	-6.31E-10	-6.31E-10	-6.91E-10	-4.30E-10	-4.59E-09
URI (ΔCDF)	-5.34E-09	-5.34E-09	-5.32E-09	-5.32E-09	-5.31E-09	-5.22E-09	-5.41E-09	-5.46E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-5.90E-09**	**-5.90E-09**	**-5.80E-09**	**-1.00E-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/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	3.40E-09	9.53E-10	-3.17E-11	-1.65E-11	-4.14E-10	-3.69E-10	-2.40E-10	4.10E-10
URI (ΔCDF)	-1.36E-08	-1.30E-08	-1.31E-08	-1.28E-08	-1.28E-08	-5.24E-09	-5.55E-09	-5.22E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-08**	**-1.20E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-5.60E-09**	**-5.80E-09**	**-4.80E-09**

Licensee Comments:

2Q/14: Correction to April reliability data. (CR-ANO-2-2014-02584) (Changed October 2014 does not affect the color of this Indicator)

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)	-4.49E-12	-4.48E-12	-4.48E-12	-4.48E-12	-4.48E-12	-4.48E-12	-4.41E-12	-4.34E-12
URI (ΔCDF)	-1.76E-12	-1.76E-12	-1.76E-12	-1.76E-12	-1.73E-12	-1.86E-12	1.75E-11	1.76E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.30E-12**	**1.30E-11**	**1.30E-11**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-4.35E-08	-4.49E-08	-4.67E-08	-4.53E-08	-4.48E-08	-4.45E-08	-4.67E-08	-4.89E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.30E-08**	**-4.50E-08**	**-4.70E-08**	**-4.50E-08**	**-4.50E-08**	**-4.40E-08**	**-4.70E-08**	**-4.90E-08**

Licensee Comments: none

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	0.001270	N/A	0.000519	0.000615	0.000618	0.000581	0.000609	0.000619	0.000685	0.000698	0.000645	0.000776
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**N/A**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**
Maximum activity	0.000725	0.000780	0.000844	0.000799	0.000841	0.000797	N/A	0.000438	0.000464	0.000476	0.000474	0.000491
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum leakage	0.195	0.182	0.182	0.168	0.192	0.180	0.164	0.178	0.189	0.190	0.184	0.187
Technical specification limit	10.0	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**	**1.8**	**1.8**	**1.7**	**1.9**	**1.8**	**1.6**	**1.8**	**1.9**	**1.9**	**1.8**	**1.9**
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	0.201	0.211	0.219	0.246	0.250	0.264	N/A	0.243	0.066	0.080	0.060	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	**2.0**	**2.1**	**2.2**	**2.5**	**2.5**	**2.6**	**N/A**	**2.4**	**0.7**	**0.8**	**0.6**	**0.7**

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	45.0	108.0	61.0	16.0	93.0	65.0	19.0	31.0
Total opportunities	45.0	111.0	61.0	16.0	98.0	67.0	19.0	32.0
Indicator value	**96.7%**	**96.7%**	**97.6%**	**97.7%**	**97.1%**	**97.2%**	**97.2%**	**97.6%**

Licensee Comments:

2Q/15: The June Drill/Exercise Performance is being revised to include two Shift Manager requalification exams. This change does not affect the color of the Drill/Exercise Performance indicator.

3Q/14: The September Drill / Exercise Performance was revised to included three notification communicator drills. This change dose not affect the color of this indicator.

2Q/14: Change to correct counting of the number of drills performed in the 2nd qtr. (Changed October 2014 does not affect the color of this indicator)

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	118.0	119.0	116.0	113.0	109.0	106.0	103.0	103.0
Total Key personnel	118.0	119.0	116.0	113.0	109.0	106.0	103.0	103.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful siren-tests	147	147	146	147	147	147	146	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: April 23, 2016

Arkansas Nuclear 2

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	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2159.0	2184.0	1952.9	1154.1	1982.6	2184.0
Indicator value	**3.1**	**1.9**	**1.8**	**0**	**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	0	0	0	0	0	0	1.0	1.0
Critical hours	2208.0	2209.0	2159.0	2184.0	1952.9	1154.1	1982.6	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1.0**	**1.9**

Licensee Comments:

4Q/14: FAQ 14-09 has been submitted and could impact previously submitted data.

Unplanned Scrams with Complications

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

Licensee Comments:

2Q/16: LER 50-313/2016-001-00

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	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	-5.55E-09	7.48E-09	6.28E-09	6.28E-09	5.04E-09	-5.77E-09	-5.77E-09	2.29E-09
URI (ΔCDF)	-5.52E-08	-5.46E-08	-5.67E-08	-5.47E-08	-5.41E-08	-5.45E-08	-5.27E-08	-7.13E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.10E-08**	**-4.70E-08**	**-5.00E-08**	**-4.80E-08**	**-4.90E-08**	**-6.00E-08**	**-5.90E-08**	**-6.90E-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/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	-6.38E-10	-6.38E-10	-6.31E-10	-6.31E-10	-6.91E-10	-4.30E-10	-4.59E-09	-3.30E-11
URI (ΔCDF)	-5.34E-09	-5.32E-09	-5.32E-09	-5.31E-09	-5.22E-09	-5.41E-09	-5.46E-09	-3.73E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-09**	**-6.00E-09**	**-6.00E-09**	**-5.90E-09**	**-5.90E-09**	**-5.80E-09**	**-1.00E-08**	**-3.70E-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	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (ΔCDF)	9.53E-10	-3.17E-11	-1.65E-11	-4.14E-10	-3.69E-10	-2.40E-10	4.10E-10	-1.93E-09
URI (ΔCDF)	-1.30E-08	-1.31E-08	-1.28E-08	-1.28E-08	-5.24E-09	-5.55E-09	-5.22E-09	-4.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-08**	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-5.60E-09**	**-5.80E-09**	**-4.80E-09**	**-6.80E-09**

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	-4.48E-12	-4.48E-12	-4.48E-12	-4.48E-12	-4.48E-12	-4.41E-12	-4.34E-12	-1.94E-10
URI (ΔCDF)	-1.76E-12	-1.76E-12	-1.76E-12	-1.73E-12	-1.86E-12	1.75E-11	1.76E-11	3.40E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.30E-12**	**1.30E-11**	**1.30E-11**	**-1.60E-10**

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-4.49E-08	-4.67E-08	-4.53E-08	-4.48E-08	-4.45E-08	-4.67E-08	-4.89E-08	-6.99E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.50E-08**	**-4.70E-08**	**-4.50E-08**	**-4.50E-08**	**-4.40E-08**	**-4.70E-08**	**-4.90E-08**	**-7.00E-08**

Licensee Comments: none

Reactor Coolant System Activity

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	0.000615	0.000618	0.000581	0.000609	0.000619	0.000685	0.000698	0.000645	0.000776	0.000725	0.000780	0.000844
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

Reactor Coolant System Activity	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**
Maximum activity	0.000799	0.000841	0.000797	N/A	0.000438	0.000464	0.000476	0.000474	0.000491	0.000583	0.000567	0.000568
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	0.168	0.192	0.180	0.164	0.178	0.189	0.190	0.184	0.187	0.201	0.211	0.219
Technical specification limit	10.0	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**	**1.9**	**1.8**	**1.6**	**1.8**	**1.9**	**1.9**	**1.8**	**1.9**	**2.0**	**2.1**	**2.2**
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	0.246	0.250	0.264	N/A	0.243	0.066	0.080	0.060	0.070	0.095	0.065	0.061
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.5**	**2.5**	**2.6**	**N/A**	**2.4**	**0.7**	**0.8**	**0.6**	**0.7**	**1.0**	**0.7**	**0.6**

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	108.0	61.0	16.0	93.0	65.0	19.0	31.0	93.0
Total opportunities	111.0	61.0	16.0	98.0	67.0	19.0	32.0	94.0
Indicator value	**96.7%**	**97.6%**	**97.7%**	**97.1%**	**97.2%**	**97.2%**	**97.6%**	**97.6%**

Licensee Comments:

2Q/15: The June Drill/Exercise Performance is being revised to include two Shift Manager requalification exams. This change does not affect the color of the Drill/Exercise Performance indicator.

3Q/14: The September Drill / Exercise Performance was revised to included three notification communicator drills. This change dose not affect the color of this indicator.

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	119.0	116.0	113.0	109.0	106.0	103.0	103.0	108.0
Total Key personnel	119.0	116.0	113.0	109.0	106.0	103.0	103.0	108.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful siren-tests	147	146	147	147	147	146	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Arkansas Nuclear 2

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	1952.9	1154.1	1982.6	2184.0	2145.5
Indicator value	**1.9**	**1.8**	**0**	**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	0	0	0	0	0	1.0	1.0	0
Critical hours	2209.0	2159.0	2184.0	1952.9	1154.1	1982.6	2184.0	2145.5
Indicator value	**0**	**0**	**0**	**0**	**0**	**1.0**	**1.9**	**1.9**

Licensee Comments:

4Q/14: FAQ 14-09 has been submitted and could impact previously submitted data.

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

Licensee Comments:

2Q/16: LER 50-313/2016-001-00

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	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	7.48E-09	6.28E-09	6.28E-09	5.04E-09	-5.77E-09	-5.77E-09	8.38E-09	1.28E-07
URI (ΔCDF)	-5.46E-08	-5.67E-08	-5.47E-08	-5.41E-08	-5.45E-08	-5.27E-08	-7.13E-08	1.55E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.70E-08**	**-5.00E-08**	**-4.80E-08**	**-4.90E-08**	**-6.00E-08**	**-5.90E-08**	**-6.30E-08**	**2.80E-07**

Licensee Comments:

2Q/16: The 2nd Quarter 2016 Emergency AC Power MSPI is being revised to include June Unplanned Unavailable Hours for the "A" Emergency Diesel Generator. This change does not affect the color of the Emergency AC Power MSPI indicator.

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)	-6.38E-10	-6.31E-10	-6.31E-10	-6.91E-10	-4.30E-10	-4.59E-09	-3.30E-11	-3.30E-11
URI (ΔCDF)	-5.32E-09	-5.32E-09	-5.31E-09	-5.22E-09	-5.41E-09	-5.46E-09	-3.73E-08	-3.82E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-09**	**-6.00E-09**	**-5.90E-09**	**-5.90E-09**	**-5.80E-09**	**-1.00E-08**	**-3.70E-08**	**-3.80E-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/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	-3.17E-11	-1.65E-11	-4.14E-10	-3.69E-10	-2.40E-10	4.10E-10	-1.93E-09	-1.92E-09
URI (ΔCDF)	-1.31E-08	-1.28E-08	-1.28E-08	-5.24E-09	-5.55E-09	-5.22E-09	-4.90E-09	-4.73E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-1.30E-08**	**-1.30E-08**	**-5.60E-09**	**-5.80E-09**	**-4.80E-09**	**-6.80E-09**	**-6.60E-09**

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/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	-4.48E-12	-4.48E-12	-4.48E-12	-4.48E-12	-4.41E-12	-4.34E-12	-1.94E-10	-1.94E-10
URI (ΔCDF)	-1.76E-12	-1.76E-12	-1.73E-12	-1.86E-12	1.75E-11	1.76E-11	3.40E-11	3.40E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-12**	**-6.20E-12**	**-6.20E-12**	**-6.30E-12**	**1.30E-11**	**1.30E-11**	**-1.60E-10**	**-1.60E-10**

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/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-4.67E-08	-4.53E-08	-4.48E-08	-4.45E-08	-4.67E-08	-4.89E-08	-6.99E-08	-7.42E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.70E-08**	**-4.50E-08**	**-4.50E-08**	**-4.40E-08**	**-4.70E-08**	**-4.90E-08**	**-7.00E-08**	**-7.40E-08**

Licensee Comments: none

Reactor Coolant System Activity

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	0.000609	0.000619	0.000685	0.000698	0.000645	0.000776	0.000725	0.000780	0.000844	0.000799	0.000841	0.000797
Technical specification limit	1.0	1.0	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	**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	N/A	0.000438	0.000464	0.000476	0.000474	0.000491	0.000583	0.000567	0.000568	0.000563	0.000593	0.000616
Technical specification limit	1.0	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**	**0.1**	**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	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	0.164	0.178	0.189	0.190	0.184	0.187	0.201	0.211	0.219	0.246	0.250	0.264
Technical specification limit	10.0	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**	**1.8**	**1.9**	**1.9**	**1.8**	**1.9**	**2.0**	**2.1**	**2.2**	**2.5**	**2.5**	**2.6**
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	N/A	0.243	0.066	0.080	0.060	0.070	0.095	0.065	0.061	0.071	0.071	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	**N/A**	**2.4**	**0.7**	**0.8**	**0.6**	**0.7**	**1.0**	**0.7**	**0.6**	**0.7**	**0.7**	**0.7**

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	61.0	16.0	93.0	65.0	19.0	31.0	98.0	63.0
Total opportunities	61.0	16.0	98.0	67.0	19.0	32.0	99.0	65.0
Indicator value	**97.6%**	**97.7%**	**97.1%**	**97.2%**	**97.2%**	**97.6%**	**97.6%**	**97.6%**

Licensee Comments:

2Q/16: The 2nd Quarter 2016 June Drill/Exercise Performance is being revised to include five additional opportunities. This change does not affect the color of the Drill/Exercise Performance indicator.

2Q/15: The June Drill/Exercise Performance is being revised to include two Shift Manager requalification exams. This change does not affect the color of the Drill/Exercise Performance indicator.

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	116.0	113.0	109.0	106.0	103.0	103.0	108.0	107.0
Total Key personnel	116.0	113.0	109.0	106.0	103.0	103.0	108.0	107.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	146	147	147	147	146	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: October 23, 2016

Arkansas Nuclear 2

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	1952.9	1154.1	1982.6	2184.0	2145.5	1580.1
Indicator value	**1.8**	**0**	**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	0	1.0	1.0	0	0
Critical hours	2159.0	2184.0	1952.9	1154.1	1982.6	2184.0	2145.5	1580.1
Indicator value	**0**	**0**	**0**	**0**	**1.0**	**1.9**	**1.9**	**1.8**

Licensee Comments: none

Unplanned Scrams with Complications

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

Licensee Comments:

4Q/16: November: Licensing Event Report 50-368 2016-001-00

2Q/16: LER 50-313/2016-001-00

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/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	6.28E-09	6.28E-09	5.04E-09	-5.77E-09	-5.77E-09	8.38E-09	1.28E-07	1.28E-07
URI (ΔCDF)	-5.67E-08	-5.47E-08	-5.41E-08	-5.45E-08	-5.27E-08	-7.13E-08	1.55E-07	1.56E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.00E-08**	**-4.80E-08**	**-4.90E-08**	**-6.00E-08**	**-5.90E-08**	**-6.30E-08**	**2.80E-07**	**2.80E-07**

Licensee Comments:

2Q/16: The 2nd Quarter 2016 Emergency AC Power MSPI is being revised to include June Unplanned Unavailable Hours for the "A" Emergency Diesel Generator. This change does not affect the color of the Emergency AC Power MSPI indicator.

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)	-6.31E-10	-6.31E-10	-6.91E-10	-4.30E-10	-4.59E-09	-3.30E-11	-3.30E-11	-3.30E-11
URI (ΔCDF)	-5.32E-09	-5.31E-09	-5.22E-09	-5.41E-09	-5.46E-09	-3.73E-08	-3.82E-08	-3.98E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-09**	**-5.90E-09**	**-5.90E-09**	**-5.80E-09**	**-1.00E-08**	**-3.70E-08**	**-3.80E-08**	**-4.00E-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/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	-1.65E-11	-4.14E-10	-3.69E-10	-2.40E-10	4.10E-10	-1.93E-09	-1.92E-09	-1.90E-09
URI (ΔCDF)	-1.28E-08	-1.28E-08	-5.24E-09	-5.55E-09	-5.22E-09	-4.90E-09	-4.73E-09	-4.29E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-1.30E-08**	**-5.60E-09**	**-5.80E-09**	**-4.80E-09**	**-6.80E-09**	**-6.60E-09**	**-6.20E-09**

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/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	-4.48E-12	-4.48E-12	-4.48E-12	-4.41E-12	-4.34E-12	-1.94E-10	-1.94E-10	-1.93E-10
URI (ΔCDF)	-1.76E-12	-1.73E-12	-1.86E-12	1.75E-11	1.76E-11	3.40E-11	3.40E-11	3.45E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-12**	**-6.20E-12**	**-6.30E-12**	**1.30E-11**	**1.30E-11**	**-1.60E-10**	**-1.60E-10**	**-1.60E-10**

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/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-4.53E-08	-4.48E-08	-4.45E-08	-4.67E-08	-4.89E-08	-6.99E-08	-7.42E-08	-7.42E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.50E-08**	**-4.50E-08**	**-4.40E-08**	**-4.70E-08**	**-4.90E-08**	**-7.00E-08**	**-7.40E-08**	**-7.40E-08**

Licensee Comments: none

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	0.000698	0.000645	0.000776	0.000725	0.000780	0.000844	0.000799	0.000841	0.000797	N/A	0.000438	0.000464
Technical specification limit	1.0	1.0	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**	**N/A**	**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	0.000476	0.000474	0.000491	0.000583	0.000567	0.000568	0.000563	0.000593	0.000616	0.000458	0.000672	0.000702
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0**	**0.1**	**0.1**

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	0.190	0.184	0.187	0.201	0.211	0.219	0.246	0.250	0.264	N/A	0.243	0.066
Technical specification limit	10.0	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**	**1.8**	**1.9**	**2.0**	**2.1**	**2.2**	**2.5**	**2.5**	**2.6**	**N/A**	**2.4**	**0.7**
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	0.080	0.060	0.070	0.095	0.065	0.061	0.071	0.071	0.065	0.058	0.074	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	**0.8**	**0.6**	**0.7**	**1.0**	**0.7**	**0.6**	**0.7**	**0.7**	**0.7**	**0.6**	**0.7**	**0.8**

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	16.0	93.0	65.0	19.0	31.0	98.0	63.0	5.0
Total opportunities	16.0	98.0	67.0	19.0	32.0	99.0	65.0	5.0
Indicator value	**97.7%**	**97.1%**	**97.2%**	**97.2%**	**97.6%**	**97.6%**	**97.6%**	**97.3%**

Licensee Comments:

2Q/16: The 2nd Quarter 2016 June Drill/Exercise Performance is being revised to include five additional opportunities. This change does not affect the color of the Drill/Exercise Performance indicator.

2Q/15: The June Drill/Exercise Performance is being revised to include two Shift Manager requalification exams. This change does not affect the color of the Drill/Exercise Performance indicator.

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	113.0	109.0	106.0	103.0	103.0	108.0	107.0	111.0
Total Key personnel	113.0	109.0	106.0	103.0	103.0	108.0	107.0	111.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful siren-tests	147	147	147	146	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**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	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

Arkansas Nuclear 2 – Quarterly Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	0
Critical hours	2184.0	1952.9	1154.1	1982.6	2184.0	2145.5	1580.1	2087.9
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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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	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned power changes	0	0	0	1.0	1.0	0	0	2.0
Critical hours	2184.0	1952.9	1154.1	1982.6	2184.0	2145.5	1580.1	2087.9
Indicator value	**0**	**0**	**0**	**1.0**	**1.9**	**1.9**	**1.8**	**2.6**

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Licensee Comments: none

Unplanned Scrams with Complications

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**

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Licensee Comments: none

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

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Licensee Comments:
4Q/16: November: Licensing Event Report 50-368 2016-001-00
2Q/16: LER 50-313/2016-001-00

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	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	6.28E-09	5.04E-09	-5.77E-09	-5.77E-09	8.38E-09	1.28E-07	1.28E-07	1.26E-07
URI (ΔCDF)	-5.47E-08	-5.41E-08	-5.45E-08	-5.27E-08	-7.13E-08	1.55E-07	1.56E-07	1.76E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.80E-08**	**-4.90E-08**	**-6.00E-08**	**-5.90E-08**	**-6.30E-08**	**2.80E-07**	**2.80E-07**	**3.00E-07**

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Licensee Comments:
2Q/16: The 2nd Quarter 2016 Emergency AC Power MSPI is being revised to include June Unplanned Unavailable Hours for the "A" Emergency Diesel Generator. This change does not affect the color of the Emergency AC Power MSPI indicator.

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)	-6.31E-10	-6.91E-10	-4.30E-10	-4.59E-09	-3.30E-11	-3.30E-11	-3.30E-11	-3.30E-11
URI (ΔCDF)	-5.31E-09	-5.22E-09	-5.41E-09	-5.46E-09	-3.73E-08	-3.82E-08	-3.98E-08	-4.03E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.90E-09**	**-5.90E-09**	**-5.80E-09**	**-1.00E-08**	**-3.70E-08**	**-3.80E-08**	**-4.00E-08**	**-4.00E-08**

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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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-4.14E-10	-3.69E-10	-2.40E-10	4.10E-10	-1.93E-09	-1.92E-09	-1.90E-09	-1.93E-09
URI (ΔCDF)	-1.28E-08	-5.24E-09	-5.55E-09	-5.22E-09	-4.90E-09	-4.73E-09	-4.29E-09	-5.36E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-08**	**-5.60E-09**	**-5.80E-09**	**-4.80E-09**	**-6.80E-09**	**-6.60E-09**	**-6.20E-09**	**-7.30E-09**

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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	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-4.48E-12	-4.48E-12	-4.41E-12	-4.34E-12	-1.94E-10	-1.94E-10	-1.93E-10	-1.94E-10
URI (ΔCDF)	-1.73E-12	-1.86E-12	1.75E-11	1.76E-11	3.40E-11	3.40E-11	3.45E-11	3.43E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.20E-12**	**-6.30E-12**	**1.30E-11**	**1.30E-11**	**-1.60E-10**	**-1.60E-10**	**-1.60E-10**	**-1.60E-10**

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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/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-4.48E-08	-4.45E-08	-4.67E-08	-4.89E-08	-6.99E-08	-7.42E-08	-7.42E-08	-7.66E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.50E-08**	**-4.40E-08**	**-4.70E-08**	**-4.90E-08**	**-7.00E-08**	**-7.40E-08**	**-7.40E-08**	**-7.70E-08**

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Licensee Comments: none

Reactor Coolant System Activity

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	0.000725	0.000780	0.000844	0.000799	0.000841	0.000797	N/A	0.000438	0.000464	0.000476	0.000474	0.000491
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**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	0.000583	0.000567	0.000568	0.000563	0.000593	0.000616	0.000458	0.000672	0.000702	0.000689	0.000700	0.000528
Technical specification limit	1.0	1.0	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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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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	0.201	0.211	0.219	0.246	0.250	0.264	N/A	0.243	0.066	0.080	0.060	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	**2.0**	**2.1**	**2.2**	**2.5**	**2.5**	**2.6**	**N/A**	**2.4**	**0.7**	**0.8**	**0.6**	**0.7**

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	0.095	0.065	0.061	0.071	0.071	0.065	0.058	0.074	0.084	0.090	0.101	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	**1.0**	**0.7**	**0.6**	**0.7**	**0.7**	**0.7**	**0.6**	**0.7**	**0.8**	**0.9**	**1.0**	**1.6**

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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	93.0	65.0	19.0	31.0	98.0	63.0	5.0	60.0
Total opportunities	98.0	67.0	19.0	32.0	99.0	65.0	5.0	62.0
Indicator value	**97.1%**	**97.2%**	**97.2%**	**97.6%**	**97.6%**	**97.6%**	**97.3%**	**97.1%**

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Licensee Comments:
2Q/16: The 2nd Quarter 2016 June Drill/Exercise Performance is being revised to include five additional opportunities. This change does not affect the color of the Drill/Exercise Performance indicator.
2Q/15: The June Drill/Exercise Performance is being revised to include two Shift Manager requalification exams. This change does not affect the color of the Drill/Exercise Performance indicator.

Notes

ERO Drill Participation	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Participating Key personnel	109.0	106.0	103.0	103.0	108.0	107.0	111.0	107.0
Total Key personnel	109.0	106.0	103.0	103.0	108.0	107.0	111.0	107.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

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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	147	147	146	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**100.0%**

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Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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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**

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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: May 5, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017

United States Nuclear Regulatory Commission
Protecting People and the Environment

Arkansas Nuclear 2 – Quarterly Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

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	0	0
Critical hours	1952.9	1154.1	1982.6	2184.0	2145.5	1580.1	2087.9	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned power changes	0	0	1.0	1.0	0	0	2.0	0
Critical hours	1952.9	1154.1	1982.6	2184.0	2145.5	1580.1	2087.9	0
Indicator value	**0**	**0**	**1.0**	**1.9**	**1.9**	**1.8**	**2.6**	**2.4**

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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**

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Licensee Comments: none

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

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Licensee Comments:
2Q/17: May: Licensing Event Report 50-368 2017-001-00 Multiple failures related to Tornado Missile Protection reported as one in accordance with FAQ 16-03 guidance.
4Q/16: November: Licensing Event Report 50-368 2016-001-00
2Q/16: LER 50-313/2016-001-00

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	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	5.04E-09	-5.77E-09	-5.77E-09	8.38E-09	1.28E-07	1.28E-07	1.26E-07	1.34E-07
URI (ΔCDF)	-5.41E-08	-5.45E-08	-5.27E-08	-7.13E-08	1.55E-07	1.56E-07	1.76E-07	1.79E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-08**	**-6.00E-08**	**-5.90E-08**	**-6.30E-08**	**2.80E-07**	**2.80E-07**	**3.00E-07**	**3.10E-07**

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Licensee Comments:
2Q/16: The 2nd Quarter 2016 Emergency AC Power MSPI is being revised to include June Unplanned Unavailable Hours for the "A" Emergency Diesel Generator. This change does not affect the color of the Emergency AC Power MSPI indicator.

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)	-6.91E-10	-4.30E-10	-4.59E-09	-3.30E-11	-3.30E-11	-3.30E-11	-3.30E-11	-3.30E-11
URI (ΔCDF)	-5.22E-09	-5.41E-09	-5.46E-09	-3.73E-08	-3.82E-08	-3.98E-08	-4.03E-08	-4.12E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.90E-09**	**-5.80E-09**	**-1.00E-08**	**-3.70E-08**	**-3.80E-08**	**-4.00E-08**	**-4.00E-08**	**-4.10E-08**

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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/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-3.69E-10	-2.40E-10	4.10E-10	-1.93E-09	-1.92E-09	-1.90E-09	-1.93E-09	-5.50E-09
URI (ΔCDF)	-5.22E-09	-5.53E-09	-5.21E-09	-4.86E-09	-4.69E-09	-4.25E-09	-5.32E-09	-3.42E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.60E-09**	**-5.80E-09**	**-4.80E-09**	**-6.80E-09**	**-6.60E-09**	**-6.10E-09**	**-7.30E-09**	**-8.90E-09**

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Licensee Comments:
1Q/17: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
4Q/16: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
3Q/16: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
2Q/16: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
1Q/16: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
4Q/15: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
3Q/15: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.

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)	-4.48E-12	-4.41E-12	-4.34E-12	-1.94E-10	-1.94E-10	-1.93E-10	-1.94E-10	-1.89E-10
URI (ΔCDF)	-1.86E-12	1.76E-11	1.77E-11	3.41E-11	3.41E-11	3.47E-11	3.47E-11	7.17E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.30E-12**	**1.30E-11**	**1.30E-11**	**-1.60E-10**	**-1.60E-10**	**-1.60E-10**	**-1.60E-10**	**-1.20E-10**

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Licensee Comments:
1Q/17: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, and for the B Containment Spray pump in March 2017, was revised. Operation non-test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
4Q/16: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.
3Q/16: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.
2Q/16: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.
1Q/16: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does

not affect the color of this indicator.
4Q/15: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-4.43E-08	-4.65E-08	-4.86E-08	-6.96E-08	-7.29E-08	-7.29E-08	-7.54E-08	-7.38E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.40E-08**	**-4.60E-08**	**-4.90E-08**	**-7.00E-08**	**-7.30E-08**	**-7.30E-08**	**-7.50E-08**	**-7.40E-08**

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Licensee Comments:
1Q/17: ANO-2 cooling water system reliability for the A Service Water pump in March 2016, and September 2016, was revised. ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and July 2016, was revised. ANO-2 cooling water system reliability for the C Service Water pump in March 2016, and July 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
4Q/16: ANO-2 cooling water system reliability for the A Service Water pump in March 2016, and September 2016, was revised. ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and July 2016, was revised. ANO-2 cooling water system reliability for the C Service Water pump in March 2016, and July 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
3Q/16: ANO-2 cooling water system reliability for the A Service Water pump in March 2016, and September 2016, was revised. ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and July 2016, was revised. ANO-2 cooling

water system reliability for the C Service Water pump in March 2016, and July 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
2Q/16: ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and for the A Service Water pump in March 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change dose not affect the color of this indicator.
1Q/16: ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and for the A Service Water pump in March 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
4Q/15: ANO-2 cooling water system reliability for the B Service Water pump in July 2014, was revised. Test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.
3Q/15: ANO-2 cooling water system reliability for the B Service Water pump in July 2014, was revised. Test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.

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	0.000799	0.000841	0.000797	N/A	0.000438	0.000464	0.000476	0.000474	0.000491	0.000583	0.000567	0.000568
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0.1**

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	0.000563	0.000593	0.000616	0.000458	0.000672	0.000702	0.000689	0.000700	0.000528	N/A	N/A	N/A
Technical specification limit	1.0	1.0	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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**N/A**	**N/A**	**N/A**

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Licensee Comments: none

Reactor Coolant System Leakage

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	0.246	0.250	0.264	N/A	0.243	0.066	0.080	0.060	0.070	0.095	0.065	0.061
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**2.5**	**2.5**	**2.6**	**N/A**	**2.4**	**0.7**	**0.8**	**0.6**	**0.7**	**1.0**	**0.7**	**0.6**
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	0.071	0.071	0.065	0.058	0.074	0.084	0.090	0.101	0.158	N/A	N/A	N/A
Technical specification limit	10.0	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**	**0.7**	**0.6**	**0.7**	**0.8**	**0.9**	**1.0**	**1.6**	**N/A**	**N/A**	**N/A**

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	65.0	19.0	31.0	98.0	63.0	5.0	60.0	39.0
Total opportunities	67.0	19.0	32.0	99.0	65.0	5.0	62.0	39.0
Indicator value	**97.2%**	**97.2%**	**97.6%**	**97.6%**	**97.6%**	**97.3%**	**97.1%**	**97.9%**

TOP

Licensee Comments:
2Q/16: The 2nd Quarter 2016 June Drill/Exercise Performance is being revised to include five additional opportunities. This change does not affect the color of the Drill/Exercise Performance indicator.

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	106.0	103.0	103.0	108.0	107.0	111.0	107.0	109.0
Total Key personnel	106.0	103.0	103.0	108.0	107.0	111.0	107.0	109.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful siren-tests	147	146	147	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: July 26, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017

United States Nuclear Regulatory Commission
Protecting People and the Environment

Arkansas Nuclear 2 – Quarterly Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

3Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1154.1	1982.6	2184.0	2145.5	1580.1	2087.9	0	2058.4
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned power changes	0	1.0	1.0	0	0	2.0	0	0
Critical hours	1154.1	1982.6	2184.0	2145.5	1580.1	2087.9	0	2058.4
Indicator value	**0**	**1.0**	**1.9**	**1.9**	**1.8**	**2.6**	**2.4**	**2.4**

TOP

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

TOP

Licensee Comments: none

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

TOP

Licensee Comments:
2Q/17: May: Licensing Event Report 50-368 2017-001-00 Multiple failures related to Tornado Missile Protection reported as one in accordance with FAQ 16-03 guidance.
4Q/16: November: Licensing Event Report 50-368 2016-001-00
2Q/16: LER 50-313/2016-001-00

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)	-5.77E-09	-5.77E-09	8.38E-09	1.28E-07	1.28E-07	1.26E-07	1.34E-07	1.33E-07
URI (ΔCDF)	-5.45E-08	-5.27E-08	-7.13E-08	1.55E-07	1.56E-07	1.76E-07	1.79E-07	1.79E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.00E-08**	**-5.90E-08**	**-6.30E-08**	**2.80E-07**	**2.80E-07**	**3.00E-07**	**3.10E-07**	**3.10E-07**

TOP

Licensee Comments:
2Q/16: The 2nd Quarter 2016 Emergency AC Power MSPI is being revised to include June Unplanned Unavailable Hours for the "A" Emergency Diesel Generator. This change does not affect the color of the Emergency AC Power MSPI indicator.

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)	-4.30E-10	-4.59E-09	-3.30E-11	-3.30E-11	-3.30E-11	-3.30E-11	-3.30E-11	-3.30E-11
URI (ΔCDF)	-5.41E-09	-5.46E-09	-3.73E-08	-3.82E-08	-3.98E-08	-4.03E-08	-4.12E-08	-4.34E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.80E-09**	**-1.00E-08**	**-3.70E-08**	**-3.80E-08**	**-4.00E-08**	**-4.00E-08**	**-4.10E-08**	**-4.30E-08**

TOP

Licensee Comments: none

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-2.40E-10	4.10E-10	-1.93E-09	-1.92E-09	-1.90E-09	-1.93E-09	-5.50E-09	-5.49E-09
URI (ΔCDF)	-5.53E-09	-5.21E-09	-4.86E-09	-4.69E-09	-4.25E-09	-5.32E-09	-3.42E-09	-3.96E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.80E-09**	**-4.80E-09**	**-6.80E-09**	**-6.60E-09**	**-6.10E-09**	**-7.30E-09**	**-8.90E-09**	**-9.40E-09**

TOP

Licensee Comments:
1Q/17: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
4Q/16: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
3Q/16: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
2Q/16: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
1Q/16: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
4Q/15: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.

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)	-4.41E-12	-4.34E-12	-1.94E-10	-1.94E-10	-1.93E-10	-1.94E-10	-1.89E-10	-1.92E-10
URI (ΔCDF)	1.76E-11	1.77E-11	3.41E-11	3.41E-11	3.47E-11	3.47E-11	7.17E-11	7.20E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-11**	**1.30E-11**	**-1.60E-10**	**-1.60E-10**	**-1.60E-10**	**-1.60E-10**	**-1.20E-10**	**-1.20E-10**

TOP

Licensee Comments:
1Q/17: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, and for the B Containment Spray pump in March 2017, was revised. Operation non-test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
4Q/16: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.
3Q/16: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.
2Q/16: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.
1Q/16: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.
4Q/15: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised.

Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-4.65E-08	-4.86E-08	-6.96E-08	-7.29E-08	-7.29E-08	-7.54E-08	-7.38E-08	-7.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.60E-08**	**-4.90E-08**	**-7.00E-08**	**-7.30E-08**	**-7.30E-08**	**-7.50E-08**	**-7.40E-08**	**-7.50E-08**

TOP

Licensee Comments:
1Q/17: ANO-2 cooling water system reliability for the A Service Water pump in March 2016, and September 2016, was revised. ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and July 2016, was revised. ANO-2 cooling water system reliability for the C Service Water pump in March 2016, and July 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
4Q/16: ANO-2 cooling water system reliability for the A Service Water pump in March 2016, and September 2016, was revised. ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and July 2016, was revised. ANO-2 cooling water system reliability for the C Service Water pump in March 2016, and July 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
3Q/16: ANO-2 cooling water system reliability for the A Service Water pump in March 2016, and September 2016, was revised. ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and July 2016, was revised. ANO-2 cooling water system reliability for the C Service Water pump in March 2016, and July 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.

2Q/16: ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and for the A Service Water pump in March 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change dose not affect the color of this indicator.
1Q/16: ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and for the A Service Water pump in March 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
4Q/15: ANO-2 cooling water system reliability for the B Service Water pump in July 2014, was revised. Test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.

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	N/A	0.000438	0.000464	0.000476	0.000474	0.000491	0.000583	0.000567	0.000568	0.000563	0.000593	0.000616
Technical specification limit	1.0	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**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**

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	0.000458	0.000672	0.000702	0.000689	0.000700	0.000528	N/A	N/A	N/A	0.000329	0.000410	0.000466
Technical specification limit	1.0	1.0	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**	**N/A**	**N/A**	**N/A**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**
Maximum leakage	N/A	0.243	0.066	0.080	0.060	0.070	0.095	0.065	0.061	0.071	0.071	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	**N/A**	**2.4**	**0.7**	**0.8**	**0.6**	**0.7**	**1.0**	**0.7**	**0.6**	**0.7**	**0.7**	**0.7**

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	0.058	0.074	0.084	0.090	0.101	0.158	N/A	N/A	N/A	0.074	0.096	0.075
Technical specification limit	10.0	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**	**0.8**	**0.9**	**1.0**	**1.6**	**N/A**	**N/A**	**N/A**	**0.7**	**1.0**	**0.8**

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	19.0	31.0	98.0	63.0	5.0	60.0	48.0	91.0
Total opportunities	19.0	32.0	99.0	65.0	5.0	62.0	48.0	94.0
Indicator value	**97.2%**	**97.6%**	**97.6%**	**97.6%**	**97.3%**	**97.1%**	**98.0%**	**97.9%**

TOP

Licensee Comments:
2Q/17: The 2nd Quarter 2017 Drill/Exercise Performance is being revised to include nine additional opportunities. This change does not affect the color of the Drill/Exercise Performance indicator.
2Q/16: The 2nd Quarter 2016 June Drill/Exercise Performance is being revised to include five additional opportunities. This change does not affect the color of the Drill/Exercise Performance indicator.

Notes

ERO Drill Participation	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Participating Key personnel	103.0	103.0	108.0	107.0	111.0	107.0	109.0	113.0
Total Key personnel	103.0	103.0	108.0	107.0	111.0	107.0	109.0	113.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful siren-tests	146	147	147	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
High radiation area occurrences	0	0	0	0	0	0	0	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**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: October 31, 2017

Page Last Reviewed/Updated Monday, November 06, 2017

United States Nuclear Regulatory Commission
Protecting People and the Environment

Arkansas Nuclear 2 – Quarterly Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

4Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1982.6	2184.0	2145.5	1580.1	2087.9	0	2058.4	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned power changes	1.0	1.0	0	0	2.0	0	0	0
Critical hours	1982.6	2184.0	2145.5	1580.1	2087.9	0	2058.4	2209.0
Indicator value	**1.0**	**1.9**	**1.9**	**1.8**	**2.6**	**2.4**	**2.4**	**2.2**

TOP

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

TOP

Licensee Comments: none

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

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Licensee Comments:
2Q/17: May: Licensing Event Report 50-368 2017-001-00 Multiple failures related to Tornado Missile Protection reported as one in accordance with FAQ 16-03 guidance.
4Q/16: November: Licensing Event Report 50-368 2016-001-00
2Q/16: LER 50-313/2016-001-00

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)	-5.77E-09	8.38E-09	1.28E-07	1.28E-07	1.26E-07	1.34E-07	1.33E-07	1.28E-07
URI (ΔCDF)	-5.27E-08	-7.13E-08	1.55E-07	1.56E-07	1.76E-07	1.79E-07	1.79E-07	1.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.90E-08**	**-6.30E-08**	**2.80E-07**	**2.80E-07**	**3.00E-07**	**3.10E-07**	**3.10E-07**	**2.90E-07**

TOP

Licensee Comments:
2Q/16: The 2nd Quarter 2016 Emergency AC Power MSPI is being revised to include June Unplanned Unavailable Hours for the "A" Emergency Diesel Generator. This change does not affect the color of the Emergency AC Power MSPI indicator.

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)	-4.59E-09	-3.30E-11	-3.30E-11	-3.30E-11	-3.30E-11	-3.30E-11	-3.30E-11	-3.30E-11
URI (ΔCDF)	-5.46E-09	-3.73E-08	-3.82E-08	-3.98E-08	-4.03E-08	-4.12E-08	-4.34E-08	-4.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-08**	**-3.70E-08**	**-3.80E-08**	**-4.00E-08**	**-4.00E-08**	**-4.10E-08**	**-4.30E-08**	**-4.50E-08**

TOP

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/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	4.10E-10	-1.93E-09	-1.92E-09	-1.90E-09	-1.93E-09	-5.50E-09	-5.49E-09	-5.91E-09
URI (ΔCDF)	-5.21E-09	-4.86E-09	-4.69E-09	-4.25E-09	-5.32E-09	-3.42E-09	-3.96E-09	-3.54E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.80E-09**	**-6.80E-09**	**-6.60E-09**	**-6.10E-09**	**-7.30E-09**	**-8.90E-09**	**-9.40E-09**	**-9.50E-09**

TOP

Licensee Comments:
1Q/17: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
4Q/16: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
3Q/16: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
2Q/16: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.
1Q/16: ANO-2 heat removal system reliability for the B Emergency Feed Water pump in January 2015, was revised. Operation non-test demands and run hours were removed. This change does not affect the color of this indicator.

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)	-4.34E-12	-1.94E-10	-1.94E-10	-1.93E-10	-1.94E-10	-1.89E-10	-1.92E-10	-1.92E-10
URI (ΔCDF)	1.77E-11	3.41E-11	3.41E-11	3.47E-11	3.47E-11	7.17E-11	7.20E-11	7.17E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-11**	**-1.60E-10**	**-1.60E-10**	**-1.60E-10**	**-1.60E-10**	**-1.20E-10**	**-1.20E-10**	**-1.20E-10**

TOP

Licensee Comments:
1Q/17: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, and for the B Containment Spray pump in March 2017, was revised. Operation non-test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
4Q/16: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.
3Q/16: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.
2Q/16: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.
1Q/16: ANO-2 residual heat removal system reliability for the A Containment Spray pump in December 2015, was revised. Operation non-test demands and run hours were revised to remove a demand related to post-maintenance testing. This change does not affect the color of this indicator.

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

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-4.86E-08	-6.96E-08	-7.29E-08	-7.29E-08	-7.54E-08	-7.38E-08	-7.50E-08	-7.47E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-08**	**-7.00E-08**	**-7.30E-08**	**-7.30E-08**	**-7.50E-08**	**-7.40E-08**	**-7.50E-08**	**-7.50E-08**

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Licensee Comments:
1Q/17: ANO-2 cooling water system reliability for the A Service Water pump in March 2016, and September 2016, was revised. ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and July 2016, was revised. ANO-2 cooling water system reliability for the C Service Water pump in March 2016, and July 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
4Q/16: ANO-2 cooling water system reliability for the A Service Water pump in March 2016, and September 2016, was revised. ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and July 2016, was revised. ANO-2 cooling water system reliability for the C Service Water pump in March 2016, and July 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
3Q/16: ANO-2 cooling water system reliability for the A Service Water pump in March 2016, and September 2016, was revised. ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and July 2016, was revised. ANO-2 cooling water system reliability for the C Service Water pump in March 2016, and July 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.
2Q/16: ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and for the A Service Water pump in March 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change dose not affect the color of this indicator.
1Q/16: ANO-2 cooling water system reliability for the B Service Water pump in July 2014, and for the A Service Water pump in March 2016, was revised. Test demands and run hours were revised to remove demands related to post-maintenance testing. This change does not affect the color of this indicator.

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	0.000476	0.000474	0.000491	0.000583	0.000567	0.000568	0.000563	0.000593	0.000616	0.000458	0.000672	0.000702
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0**	**0**	**0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0**	**0.1**	**0.1**

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	0.000689	0.000700	0.000528	N/A	N/A	N/A	0.000329	0.000410	0.000466	0.000475	0.000433	0.000475
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	**0.1**	**0.1**	**0.1**	**N/A**	**N/A**	**N/A**	**0**	**0**	**0**	**0**	**0**	**0**

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Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum leakage	0.080	0.060	0.070	0.095	0.065	0.061	0.071	0.071	0.065	0.058	0.074	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	**0.8**	**0.6**	**0.7**	**1.0**	**0.7**	**0.6**	**0.7**	**0.7**	**0.7**	**0.6**	**0.7**	**0.8**

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	0.090	0.101	0.158	N/A	N/A	N/A	0.074	0.096	0.075	0.080	0.094	0.086
Technical specification limit	10.0	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**	**1.0**	**1.6**	**N/A**	**N/A**	**N/A**	**0.7**	**1.0**	**0.8**	**0.8**	**0.9**	**0.9**

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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	31.0	98.0	63.0	5.0	60.0	48.0	91.0	81.0
Total opportunities	32.0	99.0	65.0	5.0	62.0	48.0	94.0	82.0
Indicator value	**97.6%**	**97.6%**	**97.6%**	**97.3%**	**97.1%**	**98.0%**	**97.9%**	**97.9%**

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Licensee Comments:
2Q/17: The 2nd Quarter 2017 Drill/Exercise Performance is being revised to include nine additional opportunities. This change does not affect the color of the Drill/Exercise Performance indicator.
2Q/16: The 2nd Quarter 2016 June Drill/Exercise Performance is being revised to include five additional opportunities. This change does not affect the color of the Drill/Exercise Performance indicator.

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	103.0	108.0	107.0	111.0	107.0	109.0	113.0	112.0
Total Key personnel	103.0	108.0	107.0	111.0	107.0	109.0	113.0	112.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**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	147	147	147	147	147	147	147	147
Total sirens-tests	147	147	147	147	147	147	147	147
Indicator value	**99.8%**	**99.8%**	**99.8%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

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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	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**

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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

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