Dresden 3

1Q/2000 Performance Indicators

Licensee's General Comments: The first quarter performance indicator (PI) data elements were prepared in accordance with NEI 99-02 {Draft Revision D} and NRC Regulatory Issues Summary 2000-08. An initiative to ensure that the NEI 99-02 guidelines are consistently applied to the Safety System Unavailability (SSU) Performance Indicators (PIs) amongst the 10 ComEd plants were completed. Changes to the historical SSU PI data have been submitted. These changes did not result in any color change to the SSU indicators.

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	0	0	1.0	0
Critical hours	1492.2	2183.0	2208.0	2172.8	2184.0
Indicator value	**1.9**	**0**	**0**	**0.9**	**0.8**

Licensee Comments:

2Q/98: May 1998 data changed due to omission of data at time of submittal. This change did not result in change of color to this indicator.

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				**1.0**	**1.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	1.0	0	0	0	1.0
Critical hours	1492.2	2183.0	2208.0	2172.8	2184.0
Indicator value	**2.8**	**1.7**	**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/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	23.25	12.50	14.55	6.00	151.16
Unplanned unavailable hours	0	40.60	0	0	41.80
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	7.75	65.05	31.00	6.25	78.41
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value				**1.6%**	**2.0%**

Licensee Comments:

1Q/00: March 2000 fault exposure hours updated due to an engineering review that determined the diesel could perform its function and therefore the reporting of fault exposure time is not required.

4Q/99: Data reported through fourth quarter 1999 is in accordance with WANO/INPO guidelines. Re-validation plan of this data is in progress with final validation reported in April 2000 report. A review of our EDG historical data was performed for the purposes of reconstructing unreported (to WANO) fault exposure hours. It was determined that there was none. UPDATE (04-20-00): Validation of data have been completed and changes have been completed. These changes did not result in any color change to this indicator. An initiative to ensure that the NEI 99-02 guidelines are consistently applied to the Safety System Unavailability (SSU) Performance Indicators (PIs) amongst the 10 ComEd plants was completed.

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	120.00	16.67	1.18	3.80	1.75
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	1492.16	2183.00	2208.00	2172.83	2184.00
Indicator value				**2.6%**	**2.5%**

Licensee Comments:

4Q/99: Data reported through fourth quarter 1999 is in accordance with WANO/INPO guidelines. Re-validation plan of this data is in progress with final validation reported in April 2000 report. UPDATE (04-20-00): Validation of data have been completed and changes have been completed. These changes did not result in any color change to this indicator. An initiative to ensure that the NEI 99-02 guidelines are consistently applied to the Safety System Unavailability (SSU) Performance Indicators (PIs) amongst the 10 ComEd plants was completed.

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	29.73	20.96	20.49	18.37	77.30
Unplanned unavailable hours	0	0	150.08	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1492.16	2183.00	2208.00	2172.83	2184.00
Indicator value				**2.1%**	**2.2%**

Licensee Comments:

4Q/99: Data reported through fourth quarter 1999 is in accordance with WANO/INPO guidelines. Re-validation plan of this data is in progress with final validation reported in April 2000 report. UPDATE (04-20-00): Validation of data have been completed and changes have been completed. These changes did not result in any color change to this indicator. An initiative to ensure that the NEI 99-02 guidelines are consistently applied to the Safety System Unavailability (SSU) Performance Indicators (PIs) amongst the 10 ComEd plants was completed.

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	51.77	0	0	0	82.12
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	120.95	13.90	0	0	133.03
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 3					
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	2160.00	2183.00	2208.00	2209.00	2184.00
Train 4					
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	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value				**0.3%**	**0.5%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum activity	0.000350	0.000347	0.000348	0.000453	0.000328	0.000342	0.000390	0.000339	0.000390	0.001590	0.002070	0.000412
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.8**	**1.0**	**0.2**

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	1.739	1.745	1.737	1.787	1.837	1.820	1.820	1.933	1.930	2.003	2.050	2.018
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.0**	**7.0**	**6.9**	**7.1**	**7.3**	**7.3**	**7.3**	**7.7**	**7.7**	**8.0**	**8.2**	**8.1**

Licensee Comments:

3/00: There are 41 days of previously missing data that has been located. The corrective action is to perform an analysis of data and submit any changes in the second quarter 2000 report.

3/00: There are 41 days of previously missing data that has been located. The corrective action is to perform an analysis of data and submit any changes in the second quarter 2000 report.

9/98: July 1998 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

6/98: June 1998 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

3/98: January 1998 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

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	7.0	23.0	28.0	52.0	6.0
Total opportunities	8.0	24.0	32.0	58.0	6.0
Indicator value				**90.7%**	**91.1%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel				49.0	51.0
Total Key personnel				50.0	54.0
Indicator value				**98.0%**	**94.4%**

Licensee Comments:

1Q/00: FAQ #22 in FAQ Log #3 was reviewed by Commonwealth Edison (ComEd) Company Emergency Planning Management and it was determined that no historical data changes were required. Common guidance was developed and implemented at the 10 ComEd plants for the collection of first quarter 2000 Emergency Response Organization Drill Participation performance indicator data.

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	4872	4830	5051	4949	4960
Total sirens-tests	4977	5056	5135	4977	5056
Indicator value	**98.3%**	**97.7%**	**97.7%**	**97.8%**	**97.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Protected Area Security Performance Index

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	931.90	1071.00	1810.20	258.80	14.80
CCTV compensatory hours	0	0	0	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.188**	**0.196**	**0.199**	**0.179**	**0.139**

Licensee Comments:

1Q/00: The Station has resolved maintenance of security equipment issues through a comprehensive action plan. The action plan has been implemented and is expected to turn this indicator green by August 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

Dresden 3

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	1.0	0	2.0
Critical hours	2183.0	2208.0	2172.8	2184.0	2141.5
Indicator value	**0**	**0**	**0.9**	**0.8**	**2.4**

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			**1.0**	**1.0**	**1.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	0	0	0	1.0	1.0
Critical hours	2183.0	2208.0	2172.8	2184.0	2141.5
Indicator value	**1.7**	**1.7**	**0.9**	**0.8**	**1.6**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	12.50	14.55	6.00	151.16	20.95
Unplanned unavailable hours	40.60	0	0	41.80	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	65.05	31.00	6.25	78.41	7.53
Unplanned unavailable hours	0	0	0	0	12.75
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			**1.6%**	**2.0%**	**2.0%**

Licensee Comments:

1Q/00: March 2000 fault exposure hours updated due to an engineering review that determined the diesel could perform its function and therefore the reporting of fault exposure time is not required.

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	16.67	1.18	3.80	1.75	124.41
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	2172.83	2184.00	2141.48
Indicator value			**2.6%**	**2.5%**	**2.7%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	20.96	20.49	18.37	77.30	
Unplanned unavailable hours	0	150.08	0	0	
Fault exposure hours	0	0	0	0	
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2172.83	2184.00	
Indicator value			**2.1%**	**2.2%**	

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	0	0	82.12	0.18
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	13.90	0	0	133.03	38.37
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	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	2183.00	2208.00	2209.00	2184.00	2183.00
Train 4					
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	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value			**0.3%**	**0.5%**	**0.5%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.000453	0.000328	0.000342	0.000390	0.000339	0.000390	0.001590	0.002070	0.000412	0.000402	0.000411	0.000447
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.2**	**0.8**	**1.0**	**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	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	1.787	1.837	1.820	1.820	1.933	1.930	2.003	2.050	2.018	2.000	1.970	1.947
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.1**	**7.3**	**7.3**	**7.3**	**7.7**	**7.7**	**8.0**	**8.2**	**8.1**	**8.0**	**7.9**	**7.8**

Licensee Comments:

9/98: July 1998 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

6/98: June 1998 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

3/98: January 1998 data changed due to review of missing weeks of data. This change did not result in change of color to this indicator.

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	23.0	28.0	52.0	6.0	14.0
Total opportunities	24.0	32.0	58.0	6.0	16.0
Indicator value			**90.7%**	**91.1%**	**90.7%**

Licensee Comments:

2Q/00: ComEd has reviewed the guidance for determining the number of opportunities for the NRC Drill, Exercise and Event (DEP) Performance Indicator 08. The process ComEd uses to make a notification for a concurrent classification of General Emergency and an initial PAR for that classification and cannot be logically separated into two notifications. The notification is made via the same call to the same audience. Success criteria requires both the classification and PAR to be timely and accurate to count as a success. Therefore, the notification is counted as one opportunity instead of two as suggested by the NEI guidance.

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel			49.0	51.0	51.0
Total Key personnel			50.0	54.0	54.0
Indicator value			**98.0%**	**94.4%**	**94.4%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	4830	5051	4949	4960	4903
Total sirens-tests	5056	5135	4977	5056	5056
Indicator value	**97.7%**	**97.7%**	**97.8%**	**97.9%**	**98.2%**

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	1071.00	1810.20	258.80	14.80	178.10
CCTV compensatory hours	0	0	0	0	93.3
IDS normalization factor	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.196**	**0.199**	**0.179**	**0.139**	**0.105**

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

Last Modified: April 1, 2002

Dresden 3

3Q/2000 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	0	1.0	0	2.0	0
Critical hours	2208.0	2172.8	2184.0	2141.5	1838.8
Indicator value	**0**	**0.9**	**0.8**	**2.4**	**2.5**

Licensee Comments:

3Q/00: Unit 3 Shutdown on 09-15-00 for refueling outage.

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Scrams	0	0	0	0	0
Indicator value		**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	0	1.0	1.0	0
Critical hours	2208.0	2172.8	2184.0	2141.5	1838.8
Indicator value	**1.7**	**0.9**	**0.8**	**1.6**	**1.7**

Licensee Comments:

3Q/00: Unit 3 Shutdown on 09-15-00 for refueling outage.

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	14.55	6.00	151.16	20.95	28.20
Unplanned unavailable hours	0	0	41.80	0	4.00
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	31.00	6.25	78.41	7.53	16.47
Unplanned unavailable hours	0	0	0	12.75	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value		**1.6%**	**2.0%**	**2.0%**	**1.9%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	1.18	3.80	1.75	124.41	0.20
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2172.83	2184.00	2141.48	1838.82
Indicator value		**2.6%**	**2.5%**	**2.7%**	**2.2%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	20.49	18.37	77.30		
Unplanned unavailable hours	150.08	0	0		
Fault exposure hours	0	0	0		
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2172.83	2184.00		
Indicator value		**2.1%**	**2.2%**		

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	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	0	0	82.12	0.18	53.47
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	0	0	133.03	38.37	25.57
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 3					
Planned unavailable hours	0	0	0	0	2.57
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 4					
Planned unavailable hours	0	0	0	0	2.57
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value		**0.3%**	**0.5%**	**0.5%**	**0.6%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Safety System Functional Failures	1	0	0	0	0
Indicator value	**2**	**1**	**1**	**1**	**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	0.000390	0.000339	0.000390	0.001590	0.002070	0.000412	0.000402	0.000411	0.000447	0.003460	0.000530	0.000398
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.2**	**0.2**	**0.2**	**0.8**	**1.0**	**0.2**	**0.2**	**0.2**	**0.2**	**1.7**	**0.3**	**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	1.820	1.933	1.930	2.003	2.050	2.018	2.000	1.970	1.947	1.988	2.013	2.065
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.3**	**7.7**	**7.7**	**8.0**	**8.2**	**8.1**	**8.0**	**7.9**	**7.8**	**8.0**	**8.1**	**8.3**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	28.0	52.0	6.0	14.0	85.0
Total opportunities	32.0	58.0	6.0	16.0	90.0
Indicator value		**90.7%**	**91.1%**	**90.7%**	**91.9%**

Licensee Comments:

3Q/00: Third Quarter 2000 data collection process included a change based on FAQ 195 to count a notification opportunity that included both a classification and a Protective Action Recommendation as two notification opportunities. ****Third quarter data was under reported in the month of September. This change of data did not result in a change to the overall indicator color.

3Q/00: Third Quarter 2000 data collection process included a change based on FAQ 195 to count a notification opportunity that included both a classification and a Protective Action Recommendation as two notification opportunities.

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel		49.0	51.0	51.0	52.0
Total Key personnel		50.0	54.0	54.0	54.0
Indicator value		**98.0%**	**94.4%**	**94.4%**	**96.3%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	5051	4949	4960	4903	4864
Total sirens-tests	5135	4977	5056	5056	4977
Indicator value	**97.7%**	**97.8%**	**97.9%**	**98.2%**	**98.1%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	1810.20	258.80	14.80	178.10	20.18
CCTV compensatory hours	0	0	0	93.3	72.7
IDS normalization factor	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.199**	**0.179**	**0.139**	**0.105**	**0.030**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

Last Modified: March 29, 2002

Dresden 3

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	1.0	0	2.0	0	0
Critical hours	2172.8	2184.0	2141.5	1838.8	2164.1
Indicator value	**0.9**	**0.8**	**2.4**	**2.5**	**1.7**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Scrams	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	0	1.0	1.0	0	0
Critical hours	2172.8	2184.0	2141.5	1838.8	2164.1
Indicator value	**0.9**	**0.8**	**1.6**	**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/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	6.00	151.16	20.95	28.20	21.35
Unplanned unavailable hours	0	41.80	0	4.00	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	6.25	78.41	7.53	16.47	22.37
Unplanned unavailable hours	0	0	12.75	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	**1.6%**	**2.0%**	**2.0%**	**1.9%**	**2.0%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	3.80	1.75	124.41	0.20	8.60
Unplanned unavailable hours	0	0	0	0	10.17
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2172.83	2184.00	2141.48	1838.82	2164.12
Indicator value	**2.6%**	**2.5%**	**2.7%**	**2.2%**	**2.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	18.37	77.30			
Unplanned unavailable hours	0	0			
Fault exposure hours	0	0			
Effective Reset hours	0	0	0	0	0
Required hours	2172.83	2184.00			
Indicator value	**2.1%**	**2.2%**			

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	0	82.12	0.18	53.47	56.73
Unplanned unavailable hours	0	0	0	0	27.23
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	0	133.03	38.37	25.57	4.62
Unplanned unavailable hours	0	0	0	0	19.00
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 3					
Planned unavailable hours	0	0	0	2.57	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
Train 4					
Planned unavailable hours	0	0	0	2.57	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%**	**0.5%**	**0.5%**	**0.6%**	**0.7%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

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	0.001590	0.002070	0.000412	0.000402	0.000411	0.000447	0.003460	0.000530	0.000398	0.000091	0.000095	0.000328
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.8**	**1.0**	**0.2**	**0.2**	**0.2**	**0.2**	**1.7**	**0.3**	**0.2**	**0**	**0**	**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	2.003	2.050	2.018	2.000	1.970	1.947	1.988	2.013	2.065	2.328	2.345	2.523
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**8.2**	**8.1**	**8.0**	**7.9**	**7.8**	**8.0**	**8.1**	**8.3**	**9.3**	**9.4**	**10.1**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	52.0	6.0	14.0	85.0	61.0
Total opportunities	58.0	6.0	16.0	90.0	62.0
Indicator value	**90.7%**	**91.1%**	**90.7%**	**91.9%**	**93.2%**

Licensee Comments:

3Q/00: Third Quarter 2000 data collection process included a change based on FAQ 195 to count a notification opportunity that included both a classification and a Protective Action Recommendation as two notification opportunities. ****Third quarter data was under reported in the month of September. This change of data did not result in a change to the overall indicator color.

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	49.0	51.0	51.0	52.0	52.0
Total Key personnel	50.0	54.0	54.0	54.0	54.0
Indicator value	**98.0%**	**94.4%**	**94.4%**	**96.3%**	**96.3%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	4949	4960	4903	4864	4877
Total sirens-tests	4977	5056	5056	4977	4977
Indicator value	**97.8%**	**97.9%**	**98.2%**	**98.1%**	**97.7%**

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

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	258.80	14.80	178.10	20.18	2.17
CCTV compensatory hours	0	0	93.3	72.7	32.3
IDS normalization factor	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.179**	**0.139**	**0.105**	**0.030**	**0.021**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

Last Modified: March 28, 2002

Dresden 3

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	1.0	0	2.0	0	0	0
Critical hours	2172.8	2184.0	2141.5	1838.8	2164.1	2160.0
Indicator value	**0.9**	**0.8**	**2.4**	**2.5**	**1.7**	**1.7**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Scrams	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	0	1.0	1.0	0	0	0
Critical hours	2172.8	2184.0	2141.5	1838.8	2164.1	2160.0
Indicator value	**0.9**	**0.8**	**1.6**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	6.00	151.16	20.95	28.20	21.35	13.02
Unplanned unavailable hours	0	41.80	0	4.00	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	6.25	78.41	7.53	16.47	22.37	35.27
Unplanned unavailable hours	0	0	12.75	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	**1.6%**	**2.0%**	**2.0%**	**1.9%**	**2.0%**	**1.8%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	3.80	1.75	124.41	0.20	8.60	73.10
Unplanned unavailable hours	0	0	0	0	10.17	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2172.83	2184.00	2141.48	1838.82	2164.12	2160.00
Indicator value	**2.6%**	**2.5%**	**2.7%**	**2.2%**	**2.1%**	**2.3%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	18.37	77.30				
Unplanned unavailable hours	0	0				
Fault exposure hours	0	0				
Effective Reset hours	0	0	0	0	0	0
Required hours	2172.83	2184.00				
Indicator value	**2.1%**	**2.2%**				

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	0	82.12	0.18	53.47	56.73	0.90
Unplanned unavailable hours	0	0	0	0	27.23	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	0	133.03	38.37	25.57	4.62	44.67
Unplanned unavailable hours	0	0	0	0	19.00	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 3						
Planned unavailable hours	0	0	0	2.57	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
Train 4						
Planned unavailable hours	0	0	0	2.57	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%**	**0.5%**	**0.5%**	**0.6%**	**0.7%**	**0.7%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

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	0.000390	0.000339	0.000390	0.001590	0.002070	0.000412	0.000402	0.000411	0.000447	0.003460	0.000530	0.000398
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.2**	**0.2**	**0.2**	**0.8**	**1.0**	**0.2**	**0.2**	**0.2**	**0.2**	**1.7**	**0.3**	**0.2**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000091	0.000095	0.000328	0.000080	0.000071	0.000187
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.2**	**0**	**0**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	1.820	1.933	1.930	2.003	2.050	2.018	2.000	1.970	1.947	1.988	2.013	2.065
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.3**	**7.7**	**7.7**	**8.0**	**8.2**	**8.1**	**8.0**	**7.9**	**7.8**	**8.0**	**8.1**	**8.3**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	2.328	2.345	2.523	2.710	2.558	2.720
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.3**	**9.4**	**10.1**	**10.8**	**10.2**	**10.9**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	52.0	6.0	14.0	85.0	61.0	33.0
Total opportunities	58.0	6.0	16.0	90.0	62.0	34.0
Indicator value	**90.7%**	**91.1%**	**90.7%**	**91.9%**	**93.2%**	**93.8%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Participating Key personnel	49.0	51.0	51.0	52.0	52.0	52.0
Total Key personnel	50.0	54.0	54.0	54.0	54.0	53.0
Indicator value	**98.0%**	**94.4%**	**94.4%**	**96.3%**	**96.3%**	**98.1%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful siren-tests	4949	4960	4903	4864	4877	4979
Total sirens-tests	4977	5056	5056	4977	4977	5056
Indicator value	**97.8%**	**97.9%**	**98.2%**	**98.1%**	**97.7%**	**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

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
IDS compensatory hours	258.80	14.80	178.10	20.18	2.17	0
CCTV compensatory hours	0	0	93.3	72.7	32.3	19.0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.179**	**0.139**	**0.105**	**0.030**	**0.021**	**0.021**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

Last Modified: March 28, 2002

Dresden 3

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	1.0	0	2.0	0	0	0	1.0
Critical hours	2172.8	2184.0	2141.5	1838.8	2164.1	2160.0	2142.6
Indicator value	**0.9**	**0.8**	**2.4**	**2.5**	**1.7**	**1.7**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Scrams	0	0	0	0	0	0	0
Indicator value	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	0	1.0	1.0	0	0	0	2.0
Critical hours	2172.8	2184.0	2141.5	1838.8	2164.1	2160.0	2142.6
Indicator value	**0.9**	**0.8**	**1.6**	**1.7**	**1.7**	**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	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	6.00	151.16	20.95	28.20	21.35	13.02	13.50
Unplanned unavailable hours	0	41.80	0	4.00	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	6.25	78.41	7.53	16.47	22.37	35.27	71.38
Unplanned unavailable hours	0	0	12.75	0	0	0	2.80
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.6%**	**2.0%**	**2.0%**	**1.9%**	**2.0%**	**1.8%**	**1.9%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	3.80	1.75	124.41	0.20	8.60	73.10	0.28
Unplanned unavailable hours	0	0	0	0	10.17	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2172.83	2184.00	2141.48	1838.82	2164.12	2160.00	2142.62
Indicator value	**2.6%**	**2.5%**	**2.7%**	**2.2%**	**2.1%**	**2.3%**	**2.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	18.37	77.30					
Unplanned unavailable hours	0	0					
Fault exposure hours	0	0					
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2172.83	2184.00					
Indicator value	**2.1%**	**2.2%**					

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	0	82.12	0.18	53.47	56.73	0.90	0
Unplanned unavailable hours	0	0	0	0	27.23	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	0	133.03	38.37	25.57	4.62	44.67	0
Unplanned unavailable hours	0	0	0	0	19.00	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3							
Planned unavailable hours	0	0	0	2.57	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	2183.00	2208.00	2209.00	2160.00	2183.00
Train 4							
Planned unavailable hours	0	0	0	2.57	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	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.3%**	**0.5%**	**0.5%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

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	0.000390	0.000339	0.000390	0.001590	0.002070	0.000412	0.000402	0.000411	0.000447	0.003460	0.000530	0.000398
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.2**	**0.2**	**0.2**	**0.8**	**1.0**	**0.2**	**0.2**	**0.2**	**0.2**	**1.7**	**0.3**	**0.2**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000091	0.000095	0.000328	0.000080	0.000071	0.000187	0.000055	0.000167	0.000119
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.2**	**0**	**0**	**0.1**	**0**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	1.820	1.933	1.930	2.003	2.050	2.018	2.000	1.970	1.947	1.988	2.013	2.065
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.3**	**7.7**	**7.7**	**8.0**	**8.2**	**8.1**	**8.0**	**7.9**	**7.8**	**8.0**	**8.1**	**8.3**

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	2.328	2.345	2.523	2.710	2.558	2.720	2.778	2.992	3.365
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.3**	**9.4**	**10.1**	**10.8**	**10.2**	**10.9**	**11.1**	**12.0**	**13.5**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	52.0	6.0	14.0	85.0	61.0	33.0	12.0
Total opportunities	58.0	6.0	16.0	90.0	62.0	34.0	14.0
Indicator value	**90.7%**	**91.1%**	**90.7%**	**91.9%**	**93.2%**	**93.8%**	**93.3%**

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	2Q/01
Participating Key personnel	49.0	51.0	51.0	52.0	52.0	52.0	52.0
Total Key personnel	50.0	54.0	54.0	54.0	54.0	53.0	52.0
Indicator value	**98.0%**	**94.4%**	**94.4%**	**96.3%**	**96.3%**	**98.1%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	4949	4960	4903	4864	4877	4979	4971
Total sirens-tests	4977	5056	5056	4977	4977	5056	5056
Indicator value	**97.8%**	**97.9%**	**98.2%**	**98.1%**	**97.7%**	**97.8%**	**98.1%**

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

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	258.80	14.80	178.10	20.18	2.17	0	127.63
CCTV compensatory hours	0	0	93.3	72.7	32.3	19.0	31.9
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.179**	**0.139**	**0.105**	**0.030**	**0.021**	**0.021**	**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
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

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

Last Modified: March 27, 2002

Dresden 3

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	1.0	0	2.0	0	0	0	1.0	1.0
Critical hours	2172.8	2184.0	2141.5	1838.8	2164.1	2160.0	2142.6	2136.6
Indicator value	**0.9**	**0.8**	**2.4**	**2.5**	**1.7**	**1.7**	**0.8**	**1.6**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	0	1.0	1.0	0	0	0	2.0	1.0
Critical hours	2172.8	2184.0	2141.5	1838.8	2164.1	2160.0	2142.6	2136.6
Indicator value	**0.9**	**0.8**	**1.6**	**1.7**	**1.7**	**0.8**	**1.7**	**2.4**

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	6.00	151.16	20.95	28.20	21.35	13.02	13.50	8.10
Unplanned unavailable hours	0	41.80	0	4.00	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	6.25	78.41	7.53	16.47	22.37	35.27	71.38	21.17
Unplanned unavailable hours	0	0	12.75	0	0	0	2.80	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**1.6%**	**2.0%**	**2.0%**	**1.9%**	**2.0%**	**1.8%**	**1.9%**	**1.8%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	3.80	1.75	124.41	0.20	8.60	73.10	0.28	0.22
Unplanned unavailable hours	0	0	0	0	10.17	0	0	65.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2172.83	2184.00	2141.48	1838.82	2164.12	2160.00	2142.62	2136.63
Indicator value	**2.6%**	**2.5%**	**2.7%**	**2.2%**	**2.1%**	**2.3%**	**2.1%**	**2.1%**

Licensee Comments:

3Q/01: Operability determination for HPCI Support degraded in July 2001 with the result being that the HPCI system was operable and available. The Station is currently conducting a root cause evaluation. NRC Region 3 is currently in disagreement with the Station position -- resolution is in progress.

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	18.37	77.30						
Unplanned unavailable hours	0	0						
Fault exposure hours	0	0						
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2172.83	2184.00						
Indicator value	**2.1%**	**2.2%**						

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	0	82.12	0.18	53.47	56.73	0.90	0	30.83
Unplanned unavailable hours	0	0	0	0	27.23	0	0	0
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	133.03	38.37	25.57	4.62	44.67	0	0
Unplanned unavailable hours	0	0	0	0	19.00	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	0	2.57	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 4								
Planned unavailable hours	0	0	0	2.57	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.3%**	**0.5%**	**0.5%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

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	0.000390	0.000339	0.000390	0.001590	0.002070	0.000412	0.000402	0.000411	0.000447	0.003460	0.000530	0.000398
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.2**	**0.2**	**0.2**	**0.8**	**1.0**	**0.2**	**0.2**	**0.2**	**0.2**	**1.7**	**0.3**	**0.2**

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.000091	0.000095	0.000328	0.000080	0.000071	0.000187	0.000055	0.000167	0.000119	0.000057	0.000066	0.000058
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.2**	**0**	**0**	**0.1**	**0**	**0.1**	**0.1**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	1.820	1.933	1.930	2.003	2.050	2.018	2.000	1.970	1.947	1.988	2.013	2.065
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.3**	**7.7**	**7.7**	**8.0**	**8.2**	**8.1**	**8.0**	**7.9**	**7.8**	**8.0**	**8.1**	**8.3**

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	2.328	2.345	2.523	2.710	2.558	2.720	2.778	2.992	3.365	3.130	3.293	3.695
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.3**	**9.4**	**10.1**	**10.8**	**10.2**	**10.9**	**11.1**	**12.0**	**13.5**	**12.5**	**13.2**	**14.8**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	52.0	6.0	14.0	85.0	61.0	33.0	12.0	5.0
Total opportunities	58.0	6.0	16.0	90.0	62.0	34.0	14.0	6.0
Indicator value	**90.7%**	**91.1%**	**90.7%**	**91.9%**	**93.2%**	**93.8%**	**93.3%**	**93.7%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	49.0	51.0	51.0	52.0	52.0	52.0	52.0	51.0
Total Key personnel	50.0	54.0	54.0	54.0	54.0	53.0	52.0	52.0
Indicator value	**98.0%**	**94.4%**	**94.4%**	**96.3%**	**96.3%**	**98.1%**	**100.0%**	**98.1%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	4949	4960	4903	4864	4877	4979	4971	4887
Total sirens-tests	4977	5056	5056	4977	4977	5056	5056	4977
Indicator value	**97.8%**	**97.9%**	**98.2%**	**98.1%**	**97.7%**	**97.8%**	**98.1%**	**98.2%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

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	258.80	14.80	178.10	20.18	2.17	0	127.63	39.79
CCTV compensatory hours	0	0	93.3	72.7	32.3	19.0	31.9	4.9
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.179**	**0.139**	**0.105**	**0.030**	**0.021**	**0.021**	**0.015**	**0.012**

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

Last Modified: March 26, 2002

Dresden 3

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	2.0	0	0	0	1.0	1.0	0
Critical hours	2184.0	2141.5	1838.8	2164.1	2160.0	2142.6	2136.6	1999.8
Indicator value	**0.8**	**2.4**	**2.5**	**1.7**	**1.7**	**0.8**	**1.6**	**1.7**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	**1.0**	**1.0**	**1.0**	**1.0**	**1.0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	1.0	1.0	0	0	0	2.0	1.0	0
Critical hours	2184.0	2141.5	1838.8	2164.1	2160.0	2142.6	2136.6	1999.8
Indicator value	**0.8**	**1.6**	**1.7**	**1.7**	**0.8**	**1.7**	**2.4**	**2.5**

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	151.16	20.95	28.20	21.35	13.02	13.50	8.10	6.90
Unplanned unavailable hours	41.80	0	4.00	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	78.41	7.53	16.47	22.37	35.27	71.38	21.17	9.24
Unplanned unavailable hours	0	12.75	0	0	0	2.80	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**2.0%**	**2.0%**	**1.9%**	**2.0%**	**1.8%**	**1.9%**	**1.8%**	**1.5%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	1.75	124.41	0.20	8.60	73.10	0.28	0.22	0.43
Unplanned unavailable hours	0	0	0	10.17	0	0	65.00	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2141.48	1838.82	2164.12	2160.00	2142.62	2136.63	1999.80
Indicator value	**2.5%**	**2.7%**	**2.2%**	**2.1%**	**2.3%**	**2.1%**	**2.1%**	**1.7%**

Licensee Comments:

4Q/01: Follow up to the third quarter 2001 data submittal; HPCI System operable and available. Root Cause completed. No impact on performance indicator. Region III unresolved items from inspection report remain open.

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	77.30							
Unplanned unavailable hours	0							
Fault exposure hours	0							
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00							
Indicator value	**2.2%**							

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	82.12	0.18	53.47	56.73	0.90	0	30.83	0
Unplanned unavailable hours	0	0	0	27.23	0	0	0	0
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	133.03	38.37	25.57	4.62	44.67	0	0	0
Unplanned unavailable hours	0	0	0	19.00	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0	2.57	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	0	0	2.57	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.5%**	**0.5%**	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Safety System Functional Failures	0	0	0	3	0	0	0	0
Indicator value	**1**	**1**	**0**	**3**	**3**	**3**	**3**	**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	0.001590	0.002070	0.000412	0.000402	0.000411	0.000447	0.003460	0.000530	0.000398	0.000091	0.000095	0.000328
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.8**	**1.0**	**0.2**	**0.2**	**0.2**	**0.2**	**1.7**	**0.3**	**0.2**	**0**	**0**	**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	0.000080	0.000071	0.000187	0.000055	0.000167	0.000119	0.000057	0.000066	0.000058	0.000047	0.000073	0.000216
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.1**	**0**	**0.1**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	2.003	2.050	2.018	2.000	1.970	1.947	1.988	2.013	2.065	2.328	2.345	2.523
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**8.2**	**8.1**	**8.0**	**7.9**	**7.8**	**8.0**	**8.1**	**8.3**	**9.3**	**9.4**	**10.1**

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	2.710	2.558	2.720	2.778	2.992	3.365	3.130	3.293	3.695	4.203	4.660	4.752
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**10.8**	**10.2**	**10.9**	**11.1**	**12.0**	**13.5**	**12.5**	**13.2**	**14.8**	**16.8**	**18.6**	**19.0**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	6.0	14.0	85.0	61.0	33.0	12.0	5.0	43.0
Total opportunities	6.0	16.0	90.0	62.0	34.0	14.0	6.0	46.0
Indicator value	**91.1%**	**90.7%**	**91.9%**	**93.2%**	**93.8%**	**93.3%**	**93.7%**	**94.5%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	51.0	51.0	52.0	52.0	52.0	52.0	51.0	45.0
Total Key personnel	54.0	54.0	54.0	54.0	53.0	52.0	52.0	45.0
Indicator value	**94.4%**	**94.4%**	**96.3%**	**96.3%**	**98.1%**	**100.0%**	**98.1%**	**100.0%**

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	4960	4903	4864	4877	4979	4971	4887	4943
Total sirens-tests	5056	5056	4977	4977	5056	5056	4977	4977
Indicator value	**97.9%**	**98.2%**	**98.1%**	**97.7%**	**97.8%**	**98.1%**	**98.2%**	**98.6%**

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

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	14.80	178.10	20.18	2.17	0	127.63	39.79	1.13
CCTV compensatory hours	0	93.3	72.7	32.3	19.0	31.9	4.9	14.3
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.139**	**0.105**	**0.030**	**0.021**	**0.021**	**0.015**	**0.012**	**0.011**

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

Dresden 3

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	1.0	1.0	0	0	0
Critical hours	1838.8	2164.1	2160.0	2142.6	2136.6	1999.8	1982.1	2183.0
Indicator value	**2.5**	**1.7**	**1.7**	**0.8**	**1.6**	**1.7**	**1.7**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	**1.0**	**1.0**	**1.0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	0	0	0	2.0	1.0	0	0	0
Critical hours	1838.8	2164.1	2160.0	2142.6	2136.6	1999.8	1982.1	2183.0
Indicator value	**1.7**	**1.7**	**0.8**	**1.7**	**2.4**	**2.5**	**2.5**	**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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	28.20	21.35	13.02	13.50	8.10	6.90	113.80	10.95
Unplanned unavailable hours	4.00	0	0	0	0	0	29.43	0
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	16.47	22.37	35.27	71.38	21.17	9.24	107.35	9.00
Unplanned unavailable hours	0	0	0	2.80	0	0	0	1.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.9%**	**2.0%**	**1.8%**	**1.9%**	**1.8%**	**1.5%**	**1.9%**	**1.7%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0.20	8.60	73.10	0.28	0.22	0.43	13.10	0
Unplanned unavailable hours	0	10.17	0	0	65.00	0	54.62	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1838.82	2164.12	2160.00	2142.62	2136.63	1999.80	1982.07	2183.00
Indicator value	**2.2%**	**2.1%**	**2.3%**	**2.1%**	**2.1%**	**1.7%**	**1.5%**	**1.4%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	53.47	56.73	0.90	0	30.83	0	0	74.95
Unplanned unavailable hours	0	27.23	0	0	0	0	0	0
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	25.57	4.62	44.67	0	0	0	0	94.88
Unplanned unavailable hours	0	19.00	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	2.57	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 4								
Planned unavailable hours	2.57	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00

Indicator value	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.5%**	**0.7%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/00**	**8/00**	**9/00**	**10/00**	**11/00**	**12/00**	**1/01**	**2/01**	**3/01**	**4/01**	**5/01**	**6/01**
Maximum activity	0.003460	0.000530	0.000398	0.000091	0.000095	0.000328	0.000080	0.000071	0.000187	0.000055	0.000167	0.000119
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**1.7**	**0.3**	**0.2**	**0**	**0**	**0.2**	**0**	**0**	**0.1**	**0**	**0.1**	**0.1**

Reactor Coolant System Activity	**7/01**	**8/01**	**9/01**	**10/01**	**11/01**	**12/01**	**1/02**	**2/02**	**3/02**	**4/02**	**5/02**	**6/02**
Maximum activity	0.000057	0.000066	0.000058	0.000047	0.000073	0.000216	0.000060	0.000024	0.000057	0.000142	0.000069	0.000115
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**	**0.1**	**0**	**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	1.988	2.013	2.065	2.328	2.345	2.523	2.710	2.558	2.720	2.778	2.992	3.365
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**8.1**	**8.3**	**9.3**	**9.4**	**10.1**	**10.8**	**10.2**	**10.9**	**11.1**	**12.0**	**13.5**

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	3.130	3.293	3.695	4.203	4.660	4.752	1.903	1.862	1.858	2.000	1.923	1.995
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**12.5**	**13.2**	**14.8**	**16.8**	**18.6**	**19.0**	**7.6**	**7.4**	**7.4**	**8.0**	**7.7**	**8.0**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	85.0	61.0	33.0	12.0	5.0	43.0	14.0	12.0
Total opportunities	90.0	62.0	34.0	14.0	6.0	46.0	14.0	12.0
Indicator value	**91.9%**	**93.2%**	**93.8%**	**93.3%**	**93.7%**	**94.5%**	**94.7%**	**95.3%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	52.0	52.0	52.0	52.0	51.0	45.0	38.0	44.0
Total Key personnel	54.0	54.0	53.0	52.0	52.0	45.0	41.0	48.0
Indicator value	**96.3%**	**96.3%**	**98.1%**	**100.0%**	**98.1%**	**100.0%**	**92.7%**	**91.7%**

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	4864	4877	5213	5207	5121	5020	4923	4979
Total sirens-tests	4977	4977	5293	5293	5214	5056	4977	5056
Indicator value	**98.1%**	**97.7%**	**97.8%**	**98.2%**	**98.3%**	**98.6%**	**98.7%**	**98.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
IDS compensatory hours	20.18	2.17	0	127.63	39.79	1.13	0	27.70
CCTV compensatory hours	72.7	32.3	19.0	31.9	4.9	14.3	24.9	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.030**	**0.021**	**0.021**	**0.015**	**0.012**	**0.011**	**0.012**	**0.006**

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

Dresden 3

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	1.0	1.0	0	0	0
Critical hours	1838.8	2164.1	2160.0	2142.6	2136.6	1999.8	1982.1	2183.0
Indicator value	**2.5**	**1.7**	**1.7**	**0.8**	**1.6**	**1.7**	**1.7**	**0.8**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	**1.0**	**1.0**	**1.0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	0	0	0	2.0	1.0	0	0	0
Critical hours	1838.8	2164.1	2160.0	2142.6	2136.6	1999.8	1982.1	2183.0
Indicator value	**1.7**	**1.7**	**0.8**	**1.7**	**2.4**	**2.5**	**2.5**	**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	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	28.20	21.35	13.02	13.50	8.10	6.90	113.80	10.95
Unplanned unavailable hours	4.00	0	0	0	0	0	29.43	0
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	16.47	22.37	35.27	71.38	21.17	9.24	107.35	9.00
Unplanned unavailable hours	0	0	0	2.80	0	0	0	1.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.9%**	**2.0%**	**1.8%**	**1.9%**	**1.8%**	**1.5%**	**1.9%**	**1.7%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	0.20	8.60	73.10	0.28	0.22	0.43	13.10	0
Unplanned unavailable hours	0	10.17	0	0	65.00	0	54.62	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1838.82	2164.12	2160.00	2142.62	2136.63	1999.80	1982.07	2183.00
Indicator value	**2.2%**	**2.1%**	**2.3%**	**2.1%**	**2.1%**	**1.7%**	**1.5%**	**1.4%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	53.47	56.73	0.90	0	30.83	0	0	74.95
Unplanned unavailable hours	0	27.23	0	0	0	0	0	0
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	25.57	4.62	44.67	0	0	0	0	94.88
Unplanned unavailable hours	0	19.00	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	2.57	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 4								
Planned unavailable hours	2.57	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.6%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.5%**	**0.7%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/00**	**8/00**	**9/00**	**10/00**	**11/00**	**12/00**	**1/01**	**2/01**	**3/01**	**4/01**	**5/01**	**6/01**
Maximum activity	0.003460	0.000530	0.000398	0.000091	0.000095	0.000328	0.000080	0.000071	0.000187	0.000055	0.000167	0.000119
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**1.7**	**0.3**	**0.2**	**0**	**0**	**0.2**	**0**	**0**	**0.1**	**0**	**0.1**	**0.1**

Reactor Coolant System Activity	**7/01**	**8/01**	**9/01**	**10/01**	**11/01**	**12/01**	**1/02**	**2/02**	**3/02**	**4/02**	**5/02**	**6/02**
Maximum activity	0.000057	0.000066	0.000058	0.000047	0.000073	0.000216	0.000060	0.000024	0.000057	0.000142	0.000069	0.000115
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**	**0.1**	**0**	**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	1.988	2.013	2.065	2.328	2.345	2.523	2.710	2.558	2.720	2.778	2.992	3.365
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**8.1**	**8.3**	**9.3**	**9.4**	**10.1**	**10.8**	**10.2**	**10.9**	**11.1**	**12.0**	**13.5**

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	3.130	3.293	3.695	4.203	4.660	4.752	1.903	1.862	1.858	2.000	1.923	1.995
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**12.5**	**13.2**	**14.8**	**16.8**	**18.6**	**19.0**	**7.6**	**7.4**	**7.4**	**8.0**	**7.7**	**8.0**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	85.0	61.0	33.0	12.0	5.0	43.0	14.0	12.0
Total opportunities	90.0	62.0	34.0	14.0	6.0	46.0	14.0	12.0
Indicator value	**91.9%**	**93.2%**	**93.8%**	**93.3%**	**93.7%**	**94.5%**	**94.7%**	**95.3%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	52.0	52.0	52.0	52.0	51.0	45.0	38.0	44.0
Total Key personnel	54.0	54.0	53.0	52.0	52.0	45.0	41.0	48.0
Indicator value	**96.3%**	**96.3%**	**98.1%**	**100.0%**	**98.1%**	**100.0%**	**92.7%**	**91.7%**

Licensee Comments: none

Alert & Notification System

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	4864	4877	5213	5207	5121	5020	4923	4979
Total sirens-tests	4977	4977	5293	5293	5214	5056	4977	5056
Indicator value	**98.1%**	**97.7%**	**97.8%**	**98.2%**	**98.3%**	**98.6%**	**98.7%**	**98.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
IDS compensatory hours	20.18	2.17	0	127.63	39.79	1.13	0	27.70
CCTV compensatory hours	72.7	32.3	19.0	31.9	4.9	14.3	24.9	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.030**	**0.021**	**0.021**	**0.015**	**0.012**	**0.011**	**0.012**	**0.006**

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

FFD/Personnel Reliability

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

Dresden 3

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	1.0	1.0	0	0	0	1.0
Critical hours	2164.1	2160.0	2142.6	2136.6	1999.8	1982.1	2183.0	2146.3
Indicator value	**1.7**	**1.7**	**0.8**	**1.6**	**1.7**	**1.7**	**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/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	**1.0**	**1.0**	**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	2.0	1.0	0	0	0	2.0
Critical hours	2164.1	2160.0	2142.6	2136.6	1999.8	1982.1	2183.0	2146.3
Indicator value	**1.7**	**0.8**	**1.7**	**2.4**	**2.5**	**2.5**	**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	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	21.35	13.02	13.50	8.10	6.90	113.80	10.95	14.41
Unplanned unavailable hours	0	0	0	0	0	29.43	0	0
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	22.37	35.27	71.38	21.17	9.24	107.35	9.00	66.52
Unplanned unavailable hours	0	0	2.80	0	0	0	1.00	3.27
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	**2.0%**	**1.8%**	**1.9%**	**1.8%**	**1.5%**	**1.9%**	**1.7%**	**1.8%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	**4Q/00**	**1Q/01**	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**
Train 1								
Planned unavailable hours	8.60	73.10	0.28	0.22	0.43	13.10	0	1.43
Unplanned unavailable hours	10.17	0	0	65.00	0	54.62	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2164.12	2160.00	2142.62	2136.63	1999.80	1982.07	2183.00	2146.28
Indicator value	**2.1%**	**2.3%**	**2.1%**	**2.1%**	**1.7%**	**1.5%**	**1.4%**	**1.4%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	56.73	0.90	0	30.83	0	0	74.95	0
Unplanned unavailable hours	27.23	0	0	0	0	0	0	0
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	4.62	44.67	0	0	0	0	94.88	0
Unplanned unavailable hours	19.00	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
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	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.5%**	**0.7%**	**0.7%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**10/00**	**11/00**	**12/00**	**1/01**	**2/01**	**3/01**	**4/01**	**5/01**	**6/01**	**7/01**	**8/01**	**9/01**
Maximum activity	0.000091	0.000095	0.000328	0.000080	0.000071	0.000187	0.000055	0.000167	0.000119	0.000057	0.000066	0.000058
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.2**	**0**	**0**	**0.1**	**0**	**0.1**	**0.1**	**0**	**0**	**0**

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	0.000047	0.000073	0.000216	0.000060	0.000024	0.000057	0.000142	0.000069	0.000115	0.000055	0.000014	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.1**	**0**	**0**	**0**	**0.1**	**0**	**0.1**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	2.328	2.345	2.523	2.710	2.558	2.720	2.778	2.992	3.365	3.130	3.293	3.695
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.3**	**9.4**	**10.1**	**10.8**	**10.2**	**10.9**	**11.1**	**12.0**	**13.5**	**12.5**	**13.2**	**14.8**

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	4.203	4.660	4.752	1.903	1.862	1.858	2.000	1.923	1.995	2.008	1.993	2.965
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**16.8**	**18.6**	**19.0**	**7.6**	**7.4**	**7.4**	**8.0**	**7.7**	**8.0**	**8.0**	**8.0**	**11.9**

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	61.0	33.0	12.0	5.0	43.0	14.0	12.0	1.0
Total opportunities	62.0	34.0	14.0	6.0	46.0	14.0	12.0	1.0
Indicator value	**93.2%**	**93.8%**	**93.3%**	**93.7%**	**94.5%**	**94.7%**	**95.3%**	**95.8%**

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	52.0	52.0	52.0	51.0	45.0	38.0	44.0	45.0
Total Key personnel	54.0	53.0	52.0	52.0	45.0	41.0	48.0	48.0
Indicator value	**96.3%**	**98.1%**	**100.0%**	**98.1%**	**100.0%**	**92.7%**	**91.7%**	**93.8%**

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	4877	5213	5207	5121	5020	4923	4979	5035
Total sirens-tests	4977	5293	5293	5214	5056	4977	5056	5056
Indicator value	**97.7%**	**97.8%**	**98.2%**	**98.3%**	**98.6%**	**98.7%**	**98.7%**	**99.1%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
IDS compensatory hours	2.17	0	127.63	39.79	1.13	0	27.70	40.60
CCTV compensatory hours	32.3	19.0	31.9	4.9	14.3	24.9	0	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.021**	**0.021**	**0.015**	**0.012**	**0.011**	**0.012**	**0.006**	**0.005**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

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

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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	1.0	1.0	0	0	0	1.0	0
Critical hours	2160.0	2142.6	2136.6	1999.8	1982.1	2183.0	2146.3	1702.2
Indicator value	**1.7**	**0.8**	**1.6**	**1.7**	**1.7**	**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	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	**1.0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned power changes	0	2.0	1.0	0	0	0	2.0	3.0
Critical hours	2160.0	2142.6	2136.6	1999.8	1982.1	2183.0	2146.3	1702.2
Indicator value	**0.8**	**1.7**	**2.4**	**2.5**	**2.5**	**0.8**	**1.7**	**4.4**

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	13.02	13.50	8.10	6.90	113.80	10.95	14.41	5.02
Unplanned unavailable hours	0	0	0	0	29.43	0	0	0
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	35.27	71.38	21.17	9.24	107.35	9.00	66.52	8.59
Unplanned unavailable hours	0	2.80	0	0	0	1.00	3.27	5.67
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**1.8%**	**1.9%**	**1.8%**	**1.5%**	**1.9%**	**1.7%**	**1.8%**	**1.8%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	73.10	0.28	0	0.43	13.10	0	1.43	72.40
Unplanned unavailable hours	0	0	2088.20	0	54.62	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2142.62	2136.63	1999.80	1982.07	2183.00	2146.28	1702.24
Indicator value	**2.3%**	**2.1%**	**10.2%**	**9.9%**	**9.5%**	**9.4%**	**9.4%**	**9.9%**

Licensee Comments:

4Q/02: This report was revised based on the October 2002 decision to declare the system inoperable for a 2001 partial failure of a line support. Evaluations to support the final determination of unavailability continue and, if appropriate, the FAQ process will be used to recover the time.

3Q/01: This report was revised based on the October 2002 decision to report unplanned unavailability for a 2001 partial failure of a line support. Evaluations to support the final determination of unavailability continue and, if appropriate, the FAQ process will be used to recover the time.

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	0.90	0	30.83	0	0	74.95	0	15.22
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1702.24
Train 2								
Planned unavailable hours	44.67	0	0	0	0	94.88	0	16.83
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1702.24
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0.27
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 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0.27
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	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.5%**	**0.7%**	**0.7%**	**0.7%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

Licensee Comments:

4Q/02: This report includes a fourth quarter 2002 inoperability decision and LER resulting from a June 2001 HPCI event.

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	0.000080	0.000071	0.000187	0.000055	0.000167	0.000119	0.000057	0.000066	0.000058	0.000047	0.000073	0.000216
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.1**	**0**	**0.1**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**

Reactor Coolant System Activity	**1/02**	**2/02**	**3/02**	**4/02**	**5/02**	**6/02**	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**
Maximum activity	0.000060	0.000024	0.000057	0.000142	0.000069	0.000115	0.000055	0.000014	0.000009	0.000042	0.000118	0.000109
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0.1**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0.1**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	2.710	2.558	2.720	2.778	2.992	3.365	3.130	3.293	3.695	4.203	4.660	4.752
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**10.8**	**10.2**	**10.9**	**11.1**	**12.0**	**13.5**	**12.5**	**13.2**	**14.8**	**16.8**	**18.6**	**19.0**

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	1.903	1.862	1.858	2.000	1.923	1.995	2.008	1.993	2.965	3.035	3.357	3.185
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.6**	**7.4**	**7.4**	**8.0**	**7.7**	**8.0**	**8.0**	**8.0**	**11.9**	**12.1**	**13.4**	**12.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	33.0	12.0	5.0	43.0	14.0	12.0	1.0	39.0
Total opportunities	34.0	14.0	6.0	46.0	14.0	12.0	1.0	40.0
Indicator value	**93.8%**	**93.3%**	**93.7%**	**94.5%**	**94.7%**	**95.3%**	**95.8%**	**95.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Participating Key personnel	52.0	52.0	51.0	45.0	38.0	44.0	45.0	47.0
Total Key personnel	53.0	52.0	52.0	45.0	41.0	48.0	48.0	47.0
Indicator value	**98.1%**	**100.0%**	**98.1%**	**100.0%**	**92.7%**	**91.7%**	**93.8%**	**100.0%**

Licensee Comments: none

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	5213	5207	5121	5020	4923	4979	5035	5047
Total sirens-tests	5293	5293	5214	5056	4977	5056	5056	5056
Indicator value	**97.8%**	**98.2%**	**98.3%**	**98.6%**	**98.7%**	**98.7%**	**99.1%**	**99.2%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

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	0	127.63	39.79	1.13	0	27.70	40.60	8.30
CCTV compensatory hours	19.0	31.9	4.9	14.3	24.9	0	0	6.2
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.021**	**0.015**	**0.012**	**0.011**	**0.012**	**0.006**	**0.005**	**0.005**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: January 30, 2003

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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	1.0	1.0	0	0	0	1.0	0	0
Critical hours	2142.6	2136.6	1999.8	1982.1	2183.0	2146.3	1702.2	2160.0
Indicator value	**0.8**	**1.6**	**1.7**	**1.7**	**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	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	2.0	1.0	0	0	0	2.0	3.0	0
Critical hours	2142.6	2136.6	1999.8	1982.1	2183.0	2146.3	1702.2	2160.0
Indicator value	**1.7**	**2.4**	**2.5**	**2.5**	**0.8**	**1.7**	**4.4**	**4.3**

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	13.50	8.10	6.90	113.80	10.95	14.41	5.02	11.90
Unplanned unavailable hours	0	0	0	29.43	0	0	0	0
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	71.38	21.17	9.24	107.35	9.00	66.52	8.59	6.50
Unplanned unavailable hours	2.80	0	0	0	1.00	3.27	5.67	4.23
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.9%**	**1.8%**	**1.5%**	**1.9%**	**1.7%**	**1.8%**	**1.8%**	**1.4%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	**2Q/01**	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**
Train 1								
Planned unavailable hours	0.28	0	0.43	13.10	0	1.43	72.40	1.05
Unplanned unavailable hours	0	2088.20	0	54.62	0	0	0	3.57
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2142.62	2136.63	1999.80	1982.07	2183.00	2146.28	1702.24	2160.00
Indicator value	**2.1%**	**10.2%**	**9.9%**	**9.5%**	**9.4%**	**9.4%**	**9.9%**	**9.9%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	0	30.83	0	0	74.95	0	15.22	88.02
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	1702.24	2160.00
Train 2								
Planned unavailable hours	0	0	0	0	94.88	0	16.83	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	1702.24	2160.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0.27	0
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 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0.27	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00

Indicator value	**0.7%**	**0.7%**	**0.7%**	**0.5%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

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	0.000055	0.000167	0.000119	0.000057	0.000066	0.000058	0.000047	0.000073	0.000216	0.000060	0.000024	0.000057
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0.1**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**

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	0.000142	0.000069	0.000115	0.000055	0.000014	0.000009	0.000042	0.000118	0.000109	0.000091	0.000094	0.000064
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	2.778	2.992	3.365	3.130	3.293	3.695	4.203	4.660	4.752	1.903	1.862	1.858
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**11.1**	**12.0**	**13.5**	**12.5**	**13.2**	**14.8**	**16.8**	**18.6**	**19.0**	**7.6**	**7.4**	**7.4**

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	2.000	1.923	1.995	2.008	1.993	2.965	3.035	3.357	3.185	1.703	1.693	1.705
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**7.7**	**8.0**	**8.0**	**8.0**	**11.9**	**12.1**	**13.4**	**12.7**	**6.8**	**6.8**	**6.8**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful opportunities	12.0	5.0	43.0	14.0	12.0	1.0	39.0	27.0
Total opportunities	14.0	6.0	46.0	14.0	12.0	1.0	40.0	30.0
Indicator value	**93.3%**	**93.7%**	**94.5%**	**94.7%**	**95.3%**	**95.8%**	**95.2%**	**93.9%**

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	52.0	51.0	45.0	38.0	44.0	45.0	47.0	51.0
Total Key personnel	52.0	52.0	45.0	41.0	48.0	48.0	47.0	51.0
Indicator value	**100.0%**	**98.1%**	**100.0%**	**92.7%**	**91.7%**	**93.8%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

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	5207	5121	5020	4923	4979	5035	5047	4961
Total sirens-tests	5293	5214	5056	4977	5056	5056	5056	4977
Indicator value	**98.2%**	**98.3%**	**98.6%**	**98.7%**	**98.7%**	**99.1%**	**99.2%**	**99.4%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
IDS compensatory hours	127.63	39.79	1.13	0	27.70	40.60	8.30	12.10
CCTV compensatory hours	31.9	4.9	14.3	24.9	0	0	6.2	5.7
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.015**	**0.012**	**0.011**	**0.012**	**0.006**	**0.005**	**0.005**	**0.005**

Licensee Comments: none

Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 22, 2003

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2Q/2003 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned scrams	1.0	0	0	0	1.0	0	0	0
Critical hours	2136.6	1999.8	1982.1	2183.0	2146.3	1702.2	2160.0	2053.4
Indicator value	**1.6**	**1.7**	**1.7**	**0.8**	**0.8**	**0.9**	**0.9**	**0.9**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	0	2.0	3.0	0	0
Critical hours	2136.6	1999.8	1982.1	2183.0	2146.3	1702.2	2160.0	2053.4
Indicator value	**2.4**	**2.5**	**2.5**	**0.8**	**1.7**	**4.4**	**4.3**	**4.3**

Licensee Comments: none

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	8.10	6.90	113.80	10.95	14.41	5.02	11.90	7.17
Unplanned unavailable hours	0	0	29.43	0	0	0	0	0
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	21.17	9.24	107.35	9.00	66.52	8.59	6.50	31.22
Unplanned unavailable hours	0	0	0	1.00	3.27	5.67	4.23	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.8%**	**1.5%**	**1.9%**	**1.7%**	**1.8%**	**1.8%**	**1.4%**	**1.4%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	**3Q/01**	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**
Train 1								
Planned unavailable hours	0	0.43	13.10	0	1.43	72.40	1.05	0.65
Unplanned unavailable hours	2088.20	0	54.62	0	0	0	3.57	0.73
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2136.63	1999.80	1982.07	2183.00	2146.28	1702.24	2160.00	2053.42
Indicator value	**10.2%**	**9.9%**	**9.5%**	**9.4%**	**9.4%**	**9.9%**	**9.9%**	**9.4%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	30.83	0	0	74.95	0	15.22	88.02	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	1702.24	2160.00	2053.42
Train 2								
Planned unavailable hours	0	0	0	94.88	0	16.83	0	16.27
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	1702.24	2160.00	2053.42
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0.27	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0	0.27	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00

Indicator value	**0.7%**	**0.7%**	**0.5%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	**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	1	0	0
Indicator value	**3**	**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	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	0.000057	0.000066	0.000058	0.000047	0.000073	0.000216	0.000060	0.000024	0.000057	0.000142	0.000069	0.000115
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**	**0.1**	**0**	**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	0.000055	0.000014	0.000009	0.000042	0.000118	0.000109	0.000091	0.000094	0.000064	0.000098	0.000011	0.000113
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	3.130	3.293	3.695	4.203	4.660	4.752	1.903	1.862	1.858	2.000	1.923	1.995
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**12.5**	**13.2**	**14.8**	**16.8**	**18.6**	**19.0**	**7.6**	**7.4**	**7.4**	**8.0**	**7.7**	**8.0**

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	2.008	1.993	2.965	3.035	3.357	3.185	1.703	1.693	1.705	1.717	1.730	1.702
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**8.0**	**11.9**	**12.1**	**13.4**	**12.7**	**6.8**	**6.8**	**6.8**	**6.9**	**6.9**	**6.8**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	5.0	43.0	14.0	12.0	1.0	39.0	27.0	56.0
Total opportunities	6.0	46.0	14.0	12.0	1.0	40.0	30.0	61.0
Indicator value	**93.7%**	**94.5%**	**94.7%**	**95.3%**	**95.8%**	**95.2%**	**93.9%**	**93.8%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	51.0	45.0	38.0	44.0	45.0	47.0	51.0	50.0
Total Key personnel	52.0	45.0	41.0	48.0	48.0	47.0	51.0	50.0
Indicator value	**98.1%**	**100.0%**	**92.7%**	**91.7%**	**93.8%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

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	5121	5020	4923	4979	5035	5047	4961	4974
Total sirens-tests	5214	5056	4977	5056	5056	5056	4977	5056
Indicator value	**98.3%**	**98.6%**	**98.7%**	**98.7%**	**99.1%**	**99.2%**	**99.4%**	**99.4%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
IDS compensatory hours	39.79	1.13	0	27.70	40.60	8.30	12.10	133.08
CCTV compensatory hours	4.9	14.3	24.9	0	0	6.2	5.7	0
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.012**	**0.011**	**0.012**	**0.006**	**0.005**	**0.005**	**0.005**	**0.009**

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

Dresden 3

3Q/2003 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	1999.8	1982.1	2183.0	2146.3	1702.2	2160.0	2053.4	2208.0
Indicator value	**1.7**	**1.7**	**0.8**	**0.8**	**0.9**	**0.9**	**0.9**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned power changes	0	0	0	2.0	3.0	1.0	0	0
Critical hours	1999.8	1982.1	2183.0	2146.3	1702.2	2160.0	2053.4	2208.0
Indicator value	**2.5**	**2.5**	**0.8**	**1.7**	**4.4**	**5.1**	**5.2**	**3.4**

Licensee Comments:

1Q/03: One Unplanned Power Change was omitted in the First Quarter 2003 Submittal.

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	6.90	113.80	10.95	14.41	5.02	11.90	7.17	32.88
Unplanned unavailable hours	0	29.43	0	0	0	0	0	0
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	9.24	107.35	9.00	66.52	8.59	6.50	31.22	38.02
Unplanned unavailable hours	0	0	1.00	3.27	5.67	4.23	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**1.5%**	**1.9%**	**1.7%**	**1.8%**	**1.8%**	**1.4%**	**1.4%**	**1.4%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**	**3Q/03**
Train 1								
Planned unavailable hours	0.43	13.10	0	1.43	72.40	1.05	0.65	0
Unplanned unavailable hours	0	54.62	0	0	0	3.57	0.73	3.47
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1999.80	1982.07	2183.00	2146.28	1702.24	2160.00	2053.42	2208.00
Indicator value	**9.9%**	**9.5%**	**9.4%**	**9.4%**	**9.9%**	**9.9%**	**9.4%**	**9.3%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	0	74.95	0	15.22	88.02	0	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1702.24	2160.00	2053.42	2208.00
Train 2								
Planned unavailable hours	0	0	94.88	0	16.83	0	16.27	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	1702.24	2160.00	2053.42	2208.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0.27	0	0	0
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 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0	0.27	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00

Indicator value	**0.7%**	**0.5%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**0.5%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	**4Q/01**	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**	**3Q/03**
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	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	0.000047	0.000073	0.000216	0.000060	0.000024	0.000057	0.000142	0.000069	0.000115	0.000055	0.000014	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.1**	**0**	**0**	**0**	**0.1**	**0**	**0.1**	**0**	**0**	**0**

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0.000042	0.000118	0.000109	0.000091	0.000094	0.000064	0.000098	0.000011	0.000113	0.000093	0.000012	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0.1**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	4.203	4.660	4.752	1.903	1.862	1.858	2.000	1.923	1.995	2.008	1.993	2.965
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**16.8**	**18.6**	**19.0**	**7.6**	**7.4**	**7.4**	**8.0**	**7.7**	**8.0**	**8.0**	**8.0**	**11.9**

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	3.035	3.357	3.185	1.703	1.693	1.705	1.717	1.730	1.702	1.840	1.725	1.700
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**12.1**	**13.4**	**12.7**	**6.8**	**6.8**	**6.8**	**6.9**	**6.9**	**6.8**	**7.4**	**6.9**	**6.8**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful opportunities	43.0	14.0	12.0	1.0	39.0	27.0	56.0	56.0
Total opportunities	46.0	14.0	12.0	1.0	40.0	30.0	61.0	58.0
Indicator value	**94.5%**	**94.7%**	**95.3%**	**95.8%**	**95.2%**	**93.9%**	**93.8%**	**94.7%**

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	45.0	38.0	44.0	45.0	47.0	51.0	50.0	50.0
Total Key personnel	45.0	41.0	48.0	48.0	47.0	51.0	50.0	50.0
Indicator value	**100.0%**	**92.7%**	**91.7%**	**93.8%**	**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/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful siren-tests	5020	4923	4979	5035	5047	4961	4974	4897
Total sirens-tests	5056	4977	5056	5056	5056	4977	5056	4994
Indicator value	**98.6%**	**98.7%**	**98.7%**	**99.1%**	**99.2%**	**99.4%**	**99.4%**	**99.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
IDS compensatory hours	1.13	0	27.70	40.60	8.30	12.10	133.08	51.97
CCTV compensatory hours	14.3	24.9	0	0	6.2	5.7	0	1.8
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.011**	**0.012**	**0.006**	**0.005**	**0.005**	**0.005**	**0.009**	**0.010**

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

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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	1.0	0	0	0	0	0
Critical hours	1982.1	2183.0	2146.3	1702.2	2160.0	2053.4	2208.0	1876.5
Indicator value	**1.7**	**0.8**	**0.8**	**0.9**	**0.9**	**0.9**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned power changes	0	0	2.0	3.0	1.0	0	0	0
Critical hours	1982.1	2183.0	2146.3	1702.2	2160.0	2053.4	2208.0	1876.5
Indicator value	**2.5**	**0.8**	**1.7**	**4.4**	**5.1**	**5.2**	**3.4**	**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/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	113.80	10.95	14.41	5.02	11.90	7.17	32.88	8.22
Unplanned unavailable hours	29.43	0	0	0	0	0	0	0
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	107.35	9.00	66.52	8.59	6.50	31.22	38.02	29.15
Unplanned unavailable hours	0	1.00	3.27	5.67	4.23	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**1.9%**	**1.7%**	**1.8%**	**1.8%**	**1.4%**	**1.4%**	**1.4%**	**1.4%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	**1Q/02**	**2Q/02**	**3Q/02**	**4Q/02**	**1Q/03**	**2Q/03**	**3Q/03**	**4Q/03**
Train 1								
Planned unavailable hours	13.10	0	1.43	72.40	1.05	0.65	0	0
Unplanned unavailable hours	54.62	0	0	0	3.57	0.73	3.47	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1982.07	2183.00	2146.28	1702.24	2160.00	2053.42	2208.00	1876.45
Indicator value	**9.5%**	**9.4%**	**9.4%**	**9.9%**	**9.9%**	**9.4%**	**9.3%**	**9.3%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	0	74.95	0	15.22	88.02	0	0	8.42
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	1702.24	2160.00	2053.42	2208.00	2209.00
Train 2								
Planned unavailable hours	0	94.88	0	16.83	0	16.27	0	21.92
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	1702.24	2160.00	2053.42	2208.00	2209.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0.27	0	0	0	0
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 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0	0.27	0	0	0	0
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	**0.5%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**0.5%**	**0.4%**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.000060	0.000024	0.000057	0.000142	0.000069	0.000115	0.000055	0.000014	0.000009	0.000042	0.000118	0.000109
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0.1**	**0**	**0.1**	**0**	**0**	**0**	**0**	**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	0.000091	0.000094	0.000064	0.000098	0.000011	0.000113	0.000093	0.000012	0.000011	0.000022	0.000059	0.000063
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	1.903	1.862	1.858	2.000	1.923	1.995	2.008	1.993	2.965	3.035	3.357	3.185
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.6**	**7.4**	**7.4**	**8.0**	**7.7**	**8.0**	**8.0**	**8.0**	**11.9**	**12.1**	**13.4**	**12.7**

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	1.703	1.693	1.705	1.717	1.730	1.702	1.840	1.725	1.700	1.708	1.682	1.880
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.8**	**6.8**	**6.8**	**6.9**	**6.9**	**6.8**	**7.4**	**6.9**	**6.8**	**6.8**	**6.7**	**7.5**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful opportunities	14.0	12.0	1.0	39.0	27.0	56.0	56.0	0
Total opportunities	14.0	12.0	1.0	40.0	30.0	61.0	58.0	0
Indicator value	**94.7%**	**95.3%**	**95.8%**	**95.2%**	**93.9%**	**93.8%**	**94.7%**	**94.9%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Participating Key personnel	38.0	44.0	45.0	47.0	51.0	50.0	50.0	49.0
Total Key personnel	41.0	48.0	48.0	47.0	51.0	50.0	50.0	49.0
Indicator value	**92.7%**	**91.7%**	**93.8%**	**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	4923	4979	5035	5047	4961	4974	4897	4964
Total sirens-tests	4977	5056	5056	5056	4977	5056	4994	4992
Indicator value	**98.7%**	**98.7%**	**99.1%**	**99.2%**	**99.4%**	**99.4%**	**99.0%**	**98.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
IDS compensatory hours	0	27.70	40.60	8.30	12.10	133.08	51.97	38.99
CCTV compensatory hours	24.9	0	0	6.2	5.7	0	1.8	7.7
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.012**	**0.006**	**0.005**	**0.005**	**0.005**	**0.009**	**0.010**	**0.011**

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

Dresden 3

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	1.0	0	0	0	0	0	2.0
Critical hours	2183.0	2146.3	1702.2	2160.0	2053.4	2208.0	1876.5	2109.4
Indicator value	**0.8**	**0.8**	**0.9**	**0.9**	**0.9**	**0**	**0**	**1.7**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/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	0	2.0	3.0	1.0	0	0	0	1.0
Critical hours	2183.0	2146.3	1702.2	2160.0	2053.4	2208.0	1876.5	2109.4
Indicator value	**0.8**	**1.7**	**4.4**	**5.1**	**5.2**	**3.4**	**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/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	10.95	14.41	5.02	11.90	7.17	32.88	8.22	118.52
Unplanned unavailable hours	0	0	0	0	0	0	0	99.45
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	9.00	66.52	8.59	6.50	31.22	38.02	29.15	96.19
Unplanned unavailable hours	1.00	3.27	5.67	4.23	0	0	0	3.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	**1.7%**	**1.8%**	**1.8%**	**1.4%**	**1.4%**	**1.4%**	**1.4%**	**1.9%**

Licensee Comments:

1Q/04: Unit 3 EDG had 88.8 unplanned unavailability hours due to fuel leaks that occurred during a scheduled endurance run

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	1.43	72.40	1.05	0.65	0	0	77.00
Unplanned unavailable hours	0	0	0	3.57	0.73	3.47	0	0.52
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	2146.28	1702.24	2160.00	2053.42	2208.00	1876.45	2109.34
Indicator value	**9.4%**	**9.4%**	**9.9%**	**9.9%**	**9.4%**	**9.3%**	**9.3%**	**9.4%**

Licensee Comments:

1Q/04: Following the Unit 3 scram on 01/30/2004, water entered the HPCI Steam line making the system unavailable. This was caused by an improper set point in the Feedwater Level Control System which has existed since the beginning of EPU operation until set point changes were made. This condition is a design deficiency that could not be detected through normal surveillance testing. For Unit 2, this condition existed at least from 11/07/01 until a setpoint change was made on 02/02/04, for a total of 18,937 critical hours. For Unit 3, this condition existed at least from 10/26/02 until a setpoint change was made on 02/01/04, for a total of 10,506 critical hours. A detailed model of the Feedwater Level Control system is being developed to analyze the system response both prior to and subsequent to the set point changes.

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	74.95	0	15.22	88.02	0	0	8.42	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	1702.24	2160.00	2053.42	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	94.88	0	16.83	0	16.27	0	21.92	6.17
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	1702.24	2160.00	2053.42	2208.00	2209.00	2184.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0.27	0	0	0	0	0
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 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0	0.27	0	0	0	0	0
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	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**0.5%**	**0.4%**	**0.4%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/02**	**5/02**	**6/02**	**7/02**	**8/02**	**9/02**	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**
Maximum activity	0.000142	0.000069	0.000115	0.000055	0.000014	0.000009	0.000042	0.000118	0.000109	0.000091	0.000094	0.000064
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0.1**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0**	**0**	**0**

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	0.000098	0.000011	0.000113	0.000093	0.000012	0.000011	0.000022	0.000059	0.000063	0.000066	0.000075	0.000034
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**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	2.000	1.923	1.995	2.008	1.993	2.965	3.035	3.357	3.185	1.703	1.693	1.705
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**7.7**	**8.0**	**8.0**	**8.0**	**11.9**	**12.1**	**13.4**	**12.7**	**6.8**	**6.8**	**6.8**

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	1.717	1.730	1.702	1.840	1.725	1.700	1.708	1.682	1.880	2.032	1.982	1.907
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.9**	**6.9**	**6.8**	**7.4**	**6.9**	**6.8**	**6.8**	**6.7**	**7.5**	**8.1**	**7.9**	**7.6**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful opportunities	12.0	1.0	39.0	27.0	56.0	56.0	0	22.0
Total opportunities	12.0	1.0	40.0	30.0	62.0	58.0	0	22.0
Indicator value	**95.3%**	**95.8%**	**95.2%**	**93.9%**	**93.4%**	**94.3%**	**94.5%**	**94.7%**

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	44.0	45.0	47.0	51.0	50.0	50.0	49.0	64.0
Total Key personnel	48.0	48.0	47.0	51.0	50.0	50.0	49.0	66.0
Indicator value	**91.7%**	**93.8%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.0%**

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	4979	5035	5047	4961	4974	4897	4964	4974
Total sirens-tests	5056	5056	5056	4977	5056	4994	4992	4992
Indicator value	**98.7%**	**99.1%**	**99.2%**	**99.4%**	**99.4%**	**99.0%**	**98.9%**	**98.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
IDS compensatory hours	27.70	40.60	8.30	12.10	133.08	51.97	38.99	165.75
CCTV compensatory hours	0	0	6.2	5.7	0	1.8	7.7	217.7
IDS normalization factor	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	**0.006**	**0.005**	**0.005**	**0.005**	**0.009**	**0.010**	**0.011**	**0.030**

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

Dresden 3

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	1.0	0	0	0	0	0	2.0	1.0
Critical hours	2146.3	1702.2	2160.0	2053.4	2208.0	1876.5	2109.4	2090.9
Indicator value	**0.8**	**0.9**	**0.9**	**0.9**	**0**	**0**	**1.7**	**2.5**

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	2.0	3.0	1.0	0	0	0	1.0	0
Critical hours	2146.3	1702.2	2160.0	2053.4	2208.0	1876.5	2109.4	2090.9
Indicator value	**1.7**	**4.4**	**5.1**	**5.2**	**3.4**	**0.8**	**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	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	14.41	5.02	11.90	7.17	32.88	8.22	118.52	11.20
Unplanned unavailable hours	0	0	0	0	0	0	99.45	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	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	66.52	8.59	6.50	31.22	38.02	29.15	96.19	8.36
Unplanned unavailable hours	3.27	5.67	4.23	0	0	0	3.10	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	**1.8%**	**1.8%**	**1.4%**	**1.4%**	**1.4%**	**1.4%**	**1.9%**	**1.8%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	1.43	72.40	1.05	0.65	0	0	77.00	48.62
Unplanned unavailable hours	0	0	3.57	0.73	3.47	0	0.52	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2146.28	1702.24	2160.00	2053.42	2208.00	1876.45	2109.34	2090.93
Indicator value	**9.4%**	**9.9%**	**9.9%**	**9.4%**	**9.3%**	**9.3%**	**9.4%**	**9.6%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	0	15.22	88.02	0	0	8.42	0	130.90
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	1702.24	2160.00	2053.42	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	0	16.83	0	16.27	0	21.92	6.17	108.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	1702.24	2160.00	2053.42	2208.00	2209.00	2184.00	2183.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0.27	0	0	0	0	0	0
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 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0	0.27	0	0	0	0	0	0
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	**0.7%**	**0.7%**	**0.6%**	**0.6%**	**0.5%**	**0.4%**	**0.4%**	**0.6%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

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	0.000055	0.000014	0.000009	0.000042	0.000118	0.000109	0.000091	0.000094	0.000064	0.000098	0.000011	0.000113
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0.1**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**
Reactor Coolant System Activity	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**
Maximum activity	0.000093	0.000012	0.000011	0.000022	0.000059	0.000063	0.000066	0.000075	0.000034	0.000013	0.000033	0.000064
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	2.008	1.993	2.965	3.035	3.357	3.185	1.703	1.693	1.705	1.717	1.730	1.702
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**8.0**	**11.9**	**12.1**	**13.4**	**12.7**	**6.8**	**6.8**	**6.8**	**6.9**	**6.9**	**6.8**

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	1.840	1.725	1.700	1.708	1.682	1.880	2.032	1.982	1.907	1.885	2.075	1.928
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.4**	**6.9**	**6.8**	**6.8**	**6.7**	**7.5**	**8.1**	**7.9**	**7.6**	**7.5**	**8.3**	**7.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful opportunities	1.0	39.0	27.0	56.0	56.0	0	22.0	32.0
Total opportunities	1.0	40.0	30.0	62.0	58.0	0	22.0	34.0
Indicator value	**95.8%**	**95.2%**	**93.9%**	**93.4%**	**94.3%**	**94.5%**	**94.7%**	**94.3%**

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	45.0	47.0	51.0	50.0	50.0	49.0	64.0	60.0
Total Key personnel	48.0	47.0	51.0	50.0	50.0	49.0	66.0	60.0
Indicator value	**93.8%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.0%**	**100.0%**

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	5035	5047	4961	4974	4897	4964	4974	4943
Total sirens-tests	5056	5056	4977	5056	4994	4992	4992	4992
Indicator value	**99.1%**	**99.2%**	**99.4%**	**99.4%**	**99.0%**	**98.9%**	**98.9%**	**99.0%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Dresden 3

3Q/2004 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned scrams	0	0	0	0	0	2.0	1.0	0
Critical hours	1702.2	2160.0	2053.4	2208.0	1876.5	2109.4	2090.9	2208.0
Indicator value	**0.9**	**0.9**	**0.9**	**0**	**0**	**1.7**	**2.5**	**2.5**

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

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	3.0	1.0	0	0	0	1.0	0	0
Critical hours	1702.2	2160.0	2053.4	2208.0	1876.5	2109.4	2090.9	2208.0
Indicator value	**4.4**	**5.1**	**5.2**	**3.4**	**0.8**	**0.8**	**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	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	5.02	11.90	7.17	32.88	8.22	118.52	11.20	9.08
Unplanned unavailable hours	0	0	0	0	0	99.45	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	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	8.59	6.50	31.22	38.02	29.15	96.19	8.36	9.43
Unplanned unavailable hours	5.67	4.23	0	0	0	3.10	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	**1.8%**	**1.4%**	**1.4%**	**1.4%**	**1.4%**	**1.9%**	**1.8%**	**1.7%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	72.40	1.05	0.65	0	0	77.00	48.62	0
Unplanned unavailable hours	0	3.57	0.73	3.47	0	0.52	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1702.24	2160.00	2053.42	2208.00	1876.45	2109.34	2090.93	2208.00
Indicator value	**9.9%**	**9.9%**	**9.4%**	**9.3%**	**9.3%**	**9.4%**	**9.6%**	**1.1%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	15.22	88.02	0	0	8.42	0	130.90	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	1702.24	2160.00	2053.42	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	16.83	0	16.27	0	21.92	6.17	108.20	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	1702.24	2160.00	2053.42	2208.00	2209.00	2184.00	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0.27	0	0	0	0	0	0	0
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 4								
Planned unavailable hours	0	0	0	0	0	0	0	0
Unplanned unavailable hours	0.27	0	0	0	0	0	0	0
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	**0.7%**	**0.6%**	**0.6%**	**0.5%**	**0.4%**	**0.4%**	**0.6%**	**0.6%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

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	0.000042	0.000118	0.000109	0.000091	0.000094	0.000064	0.000098	0.000011	0.000113	0.000093	0.000012	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0.1**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**
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	0.000022	0.000059	0.000063	0.000066	0.000075	0.000034	0.000013	0.000033	0.000064	0.000011	0.000043	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/02**	**11/02**	**12/02**	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**
Maximum leakage	3.035	3.357	3.185	1.703	1.693	1.705	1.717	1.730	1.702	1.840	1.725	1.700
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**12.1**	**13.4**	**12.7**	**6.8**	**6.8**	**6.8**	**6.9**	**6.9**	**6.8**	**7.4**	**6.9**	**6.8**
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	1.708	1.682	1.880	2.032	1.982	1.907	1.885	2.075	1.928	1.945	1.955	1.945
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.8**	**6.7**	**7.5**	**8.1**	**7.9**	**7.6**	**7.5**	**8.3**	**7.7**	**7.8**	**7.8**	**7.8**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	39.0	27.0	56.0	56.0	0	22.0	32.0	10.0
Total opportunities	40.0	30.0	62.0	58.0	0	22.0	34.0	10.0
Indicator value	**95.2%**	**93.9%**	**93.4%**	**94.3%**	**94.5%**	**94.7%**	**94.3%**	**94.5%**

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	47.0	51.0	50.0	50.0	49.0	64.0	60.0	62.0
Total Key personnel	47.0	51.0	50.0	50.0	49.0	66.0	60.0	62.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.0%**	**100.0%**	**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	5047	4961	4974	4897	4964	4974	4943	5005
Total sirens-tests	5056	4977	5056	4994	4992	4992	4992	5055
Indicator value	**99.2%**	**99.4%**	**99.4%**	**99.0%**	**98.9%**	**98.9%**	**99.0%**	**99.3%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: October 25, 2004

Dresden 3

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	2.0	1.0	0	0
Critical hours	2160.0	2053.4	2208.0	1876.5	2109.4	2090.9	2208.0	1237.5
Indicator value	**0.9**	**0.9**	**0**	**0**	**1.7**	**2.5**	**2.5**	**2.7**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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

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	1.0	0	0	0	1.0	0	0	0
Critical hours	2160.0	2053.4	2208.0	1876.5	2109.4	2090.9	2208.0	1237.5
Indicator value	**5.1**	**5.2**	**3.4**	**0.8**	**0.8**	**0.8**	**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	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	11.90	7.17	32.88	8.22	118.52	11.20	9.08	5.58
Unplanned unavailable hours	0	0	0	0	99.45	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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	6.50	31.22	38.02	29.15	96.19	8.36	9.43	5.98
Unplanned unavailable hours	4.23	0	0	0	3.10	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**1.4%**	**1.4%**	**1.4%**	**1.4%**	**1.9%**	**1.8%**	**1.7%**	**1.7%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	1.05	0.65	0	0	77.00	48.62	0	0
Unplanned unavailable hours	3.57	0.73	3.47	0	0.52	0	0	0
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	2053.42	2208.00	1876.45	2109.34	2090.93	2208.00	1237.48
Indicator value	**9.9%**	**9.4%**	**9.3%**	**9.3%**	**9.4%**	**9.6%**	**1.1%**	**1.2%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	88.02	0	0	8.42	0	130.90	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	2160.00	2053.42	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	0	16.27	0	21.92	6.17	108.20	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	2160.00	2053.42	2208.00	2209.00	2184.00	2183.00	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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
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	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	**0.6%**	**0.6%**	**0.5%**	**0.4%**	**0.4%**	**0.6%**	**0.6%**	**0.6%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**1/03**	**2/03**	**3/03**	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**
Maximum activity	0.000091	0.000094	0.000064	0.000098	0.000011	0.000113	0.000093	0.000012	0.000011	0.000022	0.000059	0.000063
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**
Maximum activity	0.000066	0.000075	0.000034	0.000013	0.000033	0.000064	0.000011	0.000043	0.000006	0.000008	0	0.000033
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	1.703	1.693	1.705	1.717	1.730	1.702	1.840	1.725	1.700	1.708	1.682	1.880
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.8**	**6.8**	**6.8**	**6.9**	**6.9**	**6.8**	**7.4**	**6.9**	**6.8**	**6.8**	**6.7**	**7.5**
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	2.032	1.982	1.907	1.885	2.075	1.928	1.945	1.955	1.945	1.957	N/A	2.027
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.1**	**7.9**	**7.6**	**7.5**	**8.3**	**7.7**	**7.8**	**7.8**	**7.8**	**7.8**	**N/A**	**8.1**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	27.0	56.0	56.0	0	22.0	32.0	10.0	29.0
Total opportunities	30.0	62.0	58.0	0	22.0	34.0	10.0	30.0
Indicator value	**93.9%**	**93.4%**	**94.3%**	**94.5%**	**94.7%**	**94.3%**	**94.5%**	**94.3%**

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	51.0	50.0	50.0	49.0	64.0	60.0	62.0	59.0
Total Key personnel	51.0	50.0	50.0	49.0	66.0	60.0	62.0	59.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful siren-tests	4961	4974	4897	4964	4974	4943	5005	5045
Total sirens-tests	4977	5056	4994	4992	4992	4992	5055	5057
Indicator value	**99.4%**	**99.4%**	**99.0%**	**98.9%**	**98.9%**	**99.0%**	**99.3%**	**99.4%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: March 9, 2005

Dresden 3

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	2.0	1.0	0	0	0
Critical hours	2053.4	2208.0	1876.5	2109.4	2090.9	2208.0	1237.5	2160.0
Indicator value	**0.9**	**0**	**0**	**1.7**	**2.5**	**2.5**	**2.7**	**0.9**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2053.4	2208.0	1876.5	2109.4	2090.9	2208.0	1237.5	2160.0
Indicator value	**5.2**	**3.4**	**0.8**	**0.8**	**0.8**	**0.8**	**0.9**	**0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	7.17	32.88	8.22	118.52	11.20	9.08	5.58	10.77
Unplanned unavailable hours	0	0	0	99.45	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	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	31.22	38.02	29.15	96.19	8.36	9.43	5.98	7.35
Unplanned unavailable hours	0	0	0	3.10	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.4%**	**1.4%**	**1.4%**	**1.9%**	**1.8%**	**1.7%**	**1.7%**	**1.3%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	0.65	0	0	77.00	48.62	0	0	37.52
Unplanned unavailable hours	0.73	3.47	0	0.52	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2053.42	2208.00	1876.45	2109.34	2090.93	2208.00	1237.48	2160.00
Indicator value	**9.4%**	**9.3%**	**9.3%**	**9.4%**	**9.6%**	**1.1%**	**1.2%**	**1.0%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	0	8.42	0	130.90	0	0	20.87
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2053.42	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	16.27	0	21.92	6.17	108.20	0	0	25.77
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	2053.42	2208.00	2209.00	2184.00	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	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
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	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.6%**	**0.5%**	**0.4%**	**0.4%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

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

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	0.000098	0.000011	0.000113	0.000093	0.000012	0.000011	0.000022	0.000059	0.000063	0.000066	0.000075	0.000034
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**
Maximum activity	0.000013	0.000033	0.000064	0.000011	0.000043	0.000006	0.000008	0	0.000033	0.000007	0.000015	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/03**	**5/03**	**6/03**	**7/03**	**8/03**	**9/03**	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**
Maximum leakage	1.717	1.730	1.702	1.840	1.725	1.700	1.708	1.682	1.880	2.032	1.982	1.907
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.9**	**6.9**	**6.8**	**7.4**	**6.9**	**6.8**	**6.8**	**6.7**	**7.5**	**8.1**	**7.9**	**7.6**
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	1.885	2.075	1.928	1.945	1.955	1.945	1.957	N/A	2.027	2.038	1.945	1.977
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.5**	**8.3**	**7.7**	**7.8**	**7.8**	**7.8**	**7.8**	**N/A**	**8.1**	**8.2**	**7.8**	**7.9**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	56.0	56.0	0	22.0	32.0	10.0	29.0	61.0
Total opportunities	62.0	58.0	0	22.0	34.0	10.0	30.0	62.0
Indicator value	**93.4%**	**94.3%**	**94.5%**	**94.7%**	**94.3%**	**94.5%**	**94.3%**	**95.7%**

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	50.0	50.0	49.0	64.0	60.0	62.0	59.0	60.0
Total Key personnel	50.0	50.0	49.0	66.0	60.0	62.0	59.0	60.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**97.0%**	**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/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	4974	4897	4964	4974	4943	5005	5045	4983
Total sirens-tests	5056	4994	4992	4992	4992	5055	5057	4992
Indicator value	**99.4%**	**99.0%**	**98.9%**	**98.9%**	**99.0%**	**99.3%**	**99.4%**	**99.4%**

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

Dresden 3

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	2.0	1.0	0	0	0	0
Critical hours	2208.0	1876.5	2109.4	2090.9	2208.0	1237.5	2160.0	2099.6
Indicator value	**0**	**0**	**1.7**	**2.5**	**2.5**	**2.7**	**0.9**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/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	0	0	1.0	0	0	0	0	1.0
Critical hours	2208.0	1876.5	2109.4	2090.9	2208.0	1237.5	2160.0	2099.6
Indicator value	**3.4**	**0.8**	**0.8**	**0.8**	**0.8**	**0.9**	**0**	**0.9**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power

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

Notes

Safety System Unavailability, Emergency AC Power	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	32.88	8.22	118.52	11.20	9.08	5.58	10.77	10.29
Unplanned unavailable hours	0	0	99.45	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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	38.02	29.15	96.19	8.36	9.43	5.98	7.35	34.83
Unplanned unavailable hours	0	0	3.10	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**1.4%**	**1.4%**	**1.9%**	**1.8%**	**1.7%**	**1.7%**	**1.3%**	**1.3%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	0	0	77.00	48.62	0	0	37.52	0.70
Unplanned unavailable hours	3.47	0	0.52	0	0	0	0	0
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	1876.45	2109.34	2090.93	2208.00	1237.48	2160.00	2099.60
Indicator value	**9.3%**	**9.3%**	**9.4%**	**9.6%**	**1.1%**	**1.2%**	**1.0%**	**1.0%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

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

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	0	8.42	0	130.90	0	0	20.87	24.47
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0	21.92	6.17	108.20	0	0	25.77	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	2184.00	2183.00	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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
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	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	**0.5%**	**0.4%**	**0.4%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.5%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Safety System Functional Failures	0	1	1	1	0	0	0	0
Indicator value	**1**	**1**	**2**	**3**	**3**	**2**	**1**	**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	0.000093	0.000012	0.000011	0.000022	0.000059	0.000063	0.000066	0.000075	0.000034	0.000013	0.000033	0.000064
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**
Maximum activity	0.000011	0.000043	0.000006	0.000008	0	0.000033	0.000007	0.000015	0.000004	0.000003	0.000026	0.000145
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**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	1.840	1.725	1.700	1.708	1.682	1.880	2.032	1.982	1.907	1.885	2.075	1.928
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.4**	**6.9**	**6.8**	**6.8**	**6.7**	**7.5**	**8.1**	**7.9**	**7.6**	**7.5**	**8.3**	**7.7**
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	1.945	1.955	1.945	1.957	N/A	2.027	2.038	1.945	1.977	2.133	1.978	2.103
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.8**	**7.8**	**7.8**	**7.8**	**N/A**	**8.1**	**8.2**	**7.8**	**7.9**	**8.5**	**7.9**	**8.4**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	56.0	0	22.0	32.0	10.0	29.0	61.0	25.0
Total opportunities	58.0	0	22.0	34.0	10.0	30.0	62.0	28.0
Indicator value	**94.3%**	**94.5%**	**94.7%**	**94.3%**	**94.5%**	**94.3%**	**95.7%**	**96.3%**

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	50.0	49.0	64.0	60.0	62.0	59.0	60.0	62.0
Total Key personnel	50.0	49.0	66.0	60.0	62.0	59.0	60.0	62.0
Indicator value	**100.0%**	**100.0%**	**97.0%**	**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	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	4897	4964	4974	4943	5005	5045	4983	4972
Total sirens-tests	4994	4992	4992	4992	5055	5057	4992	4991
Indicator value	**99.0%**	**98.9%**	**98.9%**	**99.0%**	**99.3%**	**99.4%**	**99.4%**	**99.6%**

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

Dresden 3

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	2.0	1.0	0	0	0	0	0
Critical hours	1876.5	2109.4	2090.9	2208.0	1237.5	2160.0	2099.6	2208.0
Indicator value	**0**	**1.7**	**2.5**	**2.5**	**2.7**	**0.9**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	0	1.0	0	0	0	0	1.0	0
Critical hours	1876.5	2109.4	2090.9	2208.0	1237.5	2160.0	2099.6	2208.0
Indicator value	**0.8**	**0.8**	**0.8**	**0.8**	**0.9**	**0**	**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	8.22	118.52	11.20	9.08	5.58	10.77	10.29	6.57
Unplanned unavailable hours	0	99.45	0	0	0	0	0	1.62
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	29.15	96.19	8.36	9.43	5.98	7.35	34.83	7.13
Unplanned unavailable hours	0	3.10	0	0	0	0	0	9.68
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**1.4%**	**1.9%**	**1.8%**	**1.7%**	**1.7%**	**1.3%**	**1.3%**	**1.2%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	0	77.00	48.62	0	0	37.52	0.70	0
Unplanned unavailable hours	0	0.52	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1876.45	2109.34	2090.93	2208.00	1237.48	2160.00	2099.60	2208.00
Indicator value	**9.3%**	**9.4%**	**9.6%**	**1.1%**	**1.2%**	**1.0%**	**1.0%**	**1.0%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	8.42	0	130.90	0	0	20.87	24.47	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	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	21.92	6.17	108.20	0	0	25.77	0	9.83
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
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	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	**0.4%**	**0.4%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.5%**	**0.5%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Safety System Functional Failures	1	1	1	0	0	0	0	0
Indicator value	**1**	**2**	**3**	**3**	**2**	**1**	**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	0.000022	0.000059	0.000063	0.000066	0.000075	0.000034	0.000013	0.000033	0.000064	0.000011	0.000043	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**
Maximum activity	0.000008	0	0.000033	0.000007	0.000015	0.000004	0.000003	0.000026	0.000145	0.000004	0.000015	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/03**	**11/03**	**12/03**	**1/04**	**2/04**	**3/04**	**4/04**	**5/04**	**6/04**	**7/04**	**8/04**	**9/04**
Maximum leakage	1.708	1.682	1.880	2.032	1.982	1.907	1.885	2.075	1.928	1.945	1.955	1.945
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.8**	**6.7**	**7.5**	**8.1**	**7.9**	**7.6**	**7.5**	**8.3**	**7.7**	**7.8**	**7.8**	**7.8**
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	1.957	N/A	2.027	2.038	1.945	1.977	2.133	1.978	2.103	2.042	2.225	2.040
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.8**	**N/A**	**8.1**	**8.2**	**7.8**	**7.9**	**8.5**	**7.9**	**8.4**	**8.2**	**8.9**	**8.2**

Licensee Comments: none

Drill/Exercise Performance

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	0	22.0	32.0	10.0	29.0	61.0	25.0	26.0
Total opportunities	0	22.0	34.0	10.0	30.0	62.0	28.0	27.0
Indicator value	**94.5%**	**94.7%**	**94.3%**	**94.5%**	**94.3%**	**95.7%**	**96.3%**	**96.2%**

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	49.0	64.0	60.0	62.0	59.0	60.0	62.0	63.0
Total Key personnel	49.0	66.0	60.0	62.0	59.0	60.0	62.0	63.0
Indicator value	**100.0%**	**97.0%**	**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/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	4964	4974	4943	5005	5045	4983	4972	4966
Total sirens-tests	4992	4992	4992	5055	5057	4992	4991	4992
Indicator value	**98.9%**	**98.9%**	**99.0%**	**99.3%**	**99.4%**	**99.4%**	**99.6%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: November 3, 2005

Dresden 3

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	2.0	1.0	0	0	0	0	0	0
Critical hours	2109.4	2090.9	2208.0	1237.5	2160.0	2099.6	2208.0	1761.2
Indicator value	**1.7**	**2.5**	**2.5**	**2.7**	**0.9**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned power changes	1.0	0	0	0	0	1.0	0	0
Critical hours	2109.4	2090.9	2208.0	1237.5	2160.0	2099.6	2208.0	1761.2
Indicator value	**0.8**	**0.8**	**0.8**	**0.9**	**0**	**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	118.52	11.20	9.08	5.58	10.77	10.29	6.57	9.08
Unplanned unavailable hours	99.45	0	0	0	0	0	1.62	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	96.19	8.36	9.43	5.98	7.35	34.83	7.13	14.28
Unplanned unavailable hours	3.10	0	0	0	0	0	9.68	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**1.9%**	**1.8%**	**1.7%**	**1.7%**	**1.3%**	**1.3%**	**1.2%**	**1.2%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	77.00	48.62	0	0	37.52	0.70	0	37.07
Unplanned unavailable hours	0.52	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2109.34	2090.93	2208.00	1237.48	2160.00	2099.60	2208.00	1761.18
Indicator value	**9.4%**	**9.6%**	**1.1%**	**1.2%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	0	130.90	0	0	20.87	24.47	0	12.63
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	6.17	108.20	0	0	25.77	0	9.83	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	2208.00	2209.00	2160.00	2183.00	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	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	**0.4%**	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.5%**	**0.5%**	**0.5%**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Safety System Functional Failures	1	1	0	0	0	0	0	0
Indicator value	**2**	**3**	**3**	**2**	**1**	**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	0.000066	0.000075	0.000034	0.000013	0.000033	0.000064	0.000011	0.000043	0.000006	0.000008	0	0.000033
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000007	0.000015	0.000004	0.000003	0.000026	0.000145	0.000004	0.000015	0.000004	0.000004	0.000015	0.000013
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	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	2.032	1.982	1.907	1.885	2.075	1.928	1.945	1.955	1.945	1.957	N/A	2.027
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.1**	**7.9**	**7.6**	**7.5**	**8.3**	**7.7**	**7.8**	**7.8**	**7.8**	**7.8**	**N/A**	**8.1**
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	2.038	1.945	1.977	2.133	1.978	2.103	2.042	2.225	2.040	2.098	2.060	1.930
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.2**	**7.8**	**7.9**	**8.5**	**7.9**	**8.4**	**8.2**	**8.9**	**8.2**	**8.4**	**8.2**	**7.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful opportunities	22.0	32.0	10.0	29.0	58.0	24.0	26.0	47.0
Total opportunities	22.0	34.0	10.0	30.0	59.0	26.0	27.0	48.0
Indicator value	**94.7%**	**94.3%**	**94.5%**	**94.3%**	**95.6%**	**96.7%**	**96.6%**	**96.9%**

Licensee Comments:

2Q/05: Due to a self-assessment, some data was found to have insufficient documentation and was removed.

1Q/05: Due to a self-assessment, some data was found to have insufficient documentation and was removed.

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	64.0	60.0	62.0	59.0	60.0	62.0	63.0	64.0
Total Key personnel	66.0	60.0	62.0	59.0	60.0	62.0	63.0	64.0
Indicator value	**97.0%**	**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/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful siren-tests	4974	4943	5005	5045	4983	4972	4966	4988
Total sirens-tests	4992	4992	5055	5057	4992	4991	4992	4992
Indicator value	**98.9%**	**99.0%**	**99.3%**	**99.4%**	**99.4%**	**99.6%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Physical Protection information not publicly available.

Last Modified: January 30, 2006

Dresden 3

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	1.0	0	0	0	0	0	0	0
Critical hours	2090.9	2208.0	1237.5	2160.0	2099.6	2208.0	1761.2	2160.0
Indicator value	**2.5**	**2.5**	**2.7**	**0.9**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2090.9	2208.0	1237.5	2160.0	2099.6	2208.0	1761.2	2160.0
Indicator value	**0.8**	**0.8**	**0.9**	**0**	**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	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	11.20	9.08	5.58	10.77	10.29	6.57	9.08	79.61
Unplanned unavailable hours	0	0	0	0	0	1.62	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	8.36	9.43	5.98	7.35	34.83	7.13	14.28	81.90
Unplanned unavailable hours	0	0	0	0	0	9.68	0	3.75
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**1.8%**	**1.7%**	**1.7%**	**1.3%**	**1.3%**	**1.2%**	**1.2%**	**1.5%**

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)

Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	48.62	0	0	37.52	0.70	0	37.07	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	2090.93	2208.00	1237.48	2160.00	2099.60	2208.00	1761.18	2160.00
Indicator value	**9.6%**	**1.1%**	**1.2%**	**1.0%**	**1.0%**	**1.0%**	**0.9%**	**0.9%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System

Thresholds under development / review

Notes

Safety System Unavailability, Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours								
Unplanned unavailable hours								
Fault exposure hours								
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours								
Indicator value								

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	130.90	0	0	20.87	24.47	0	12.63	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	2160.00
Train 2								
Planned unavailable hours	108.20	0	0	25.77	0	9.83	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	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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
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	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.5%**	**0.5%**	**0.5%**	**0.4%**

Licensee Comments:

1Q/06: Previously, Critical Hours were used as the Required Hours for RHR Trains 1 and 2, Torus Suppression Sprays. NEI 99-02 allows the use of Period Hours stating; " Residual Heat Removal System - This value is estimated by the number of hours in the reporting period, because the residual heat removal system is normally expected to be available for decay heat removal at all times.??? For consistency with NEI 99-02 and other BWR plants, Period Hours have been used from late 2003 forward. The previous use of Critical Hours resulted in reporting a slightly higher percentage of RHR Unavailability. This conservatism did not result in Dresden RHR entering the White region of the performance band. Therefore, no changes are planned to the historical data submitted.

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**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	0.000013	0.000033	0.000064	0.000011	0.000043	0.000006	0.000008	0	0.000033	0.000007	0.000015	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

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	0.000003	0.000026	0.000145	0.000004	0.000015	0.000004	0.000004	0.000015	0.000013	0.000006	0.000006	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**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	1.885	2.075	1.928	1.945	1.955	1.945	1.957	N/A	2.027	2.038	1.945	1.977
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.5**	**8.3**	**7.7**	**7.8**	**7.8**	**7.8**	**7.8**	**N/A**	**8.1**	**8.2**	**7.8**	**7.9**
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	2.133	1.978	2.103	2.042	2.225	2.040	2.098	2.060	1.930	1.962	1.995	2.003
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.5**	**7.9**	**8.4**	**8.2**	**8.9**	**8.2**	**8.4**	**8.2**	**7.7**	**7.8**	**8.0**	**8.0**

Licensee Comments: none

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	32.0	10.0	29.0	58.0	24.0	26.0	47.0	48.0
Total opportunities	34.0	10.0	30.0	59.0	26.0	27.0	48.0	48.0
Indicator value	**94.3%**	**94.5%**	**94.3%**	**95.6%**	**96.7%**	**96.6%**	**96.9%**	**97.2%**

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	60.0	62.0	59.0	60.0	62.0	63.0	64.0	69.0
Total Key personnel	60.0	62.0	59.0	60.0	62.0	63.0	64.0	69.0
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/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	4943	5005	5045	4983	4972	4966	4988	5061
Total sirens-tests	4992	5055	5057	4992	4991	4992	4992	5070
Indicator value	**99.0%**	**99.3%**	**99.4%**	**99.4%**	**99.6%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/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

Dresden 3

2Q/2006 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	1237.5	2160.0	2099.6	2208.0	1761.2	2160.0	2183.0
Indicator value	**2.5**	**2.7**	**0.9**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

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

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2208.0	1237.5	2160.0	2099.6	2208.0	1761.2	2160.0	2183.0
Indicator value	**0.8**	**0.9**	**0**	**0.9**	**0.9**	**0.9**	**0.9**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	**3**	**2**	**1**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								5.20E-10
URI (ΔCDF)								-3.90E-08
PLE								NO
Indicator value								**-3.85E-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/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-5.20E-08
URI (ΔCDF)								-7.20E-08
PLE								NO
Indicator value								**-1.24E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-4.30E-09
URI (ΔCDF)								-1.10E-09
PLE								NO
Indicator value								**-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	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (ΔCDF)								-1.30E-09
URI (ΔCDF)								-2.00E-09
PLE								NO
Indicator value								**-3.30E-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)								-1.60E-11
URI (ΔCDF)								-5.30E-09
PLE								NO
Indicator value								**-5.32E-09**

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	0.000011	0.000043	0.000006	0.000008	0	0.000033	0.000007	0.000015	0.000004	0.000003	0.000026	0.000145
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**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	0.000004	0.000015	0.000004	0.000004	0.000015	0.000013	0.000006	0.000006	0.000004	0.000003	0.000003	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/04**	**8/04**	**9/04**	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**
Maximum leakage	1.945	1.955	1.945	1.957	N/A	2.027	2.038	1.945	1.977	2.133	1.978	2.103
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.8**	**7.8**	**7.8**	**7.8**	**N/A**	**8.1**	**8.2**	**7.8**	**7.9**	**8.5**	**7.9**	**8.4**
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	2.042	2.225	2.040	2.098	2.060	1.930	1.962	1.995	2.003	1.988	2.272	1.973
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.2**	**8.9**	**8.2**	**8.4**	**8.2**	**7.7**	**7.8**	**8.0**	**8.0**	**8.0**	**9.1**	**7.9**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful opportunities	10.0	29.0	58.0	24.0	26.0	47.0	48.0	38.0
Total opportunities	10.0	30.0	59.0	26.0	27.0	48.0	48.0	38.0
Indicator value	**94.5%**	**94.3%**	**95.6%**	**96.7%**	**96.6%**	**96.9%**	**97.2%**	**97.9%**

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	62.0	59.0	60.0	62.0	63.0	64.0	69.0	66.0
Total Key personnel	62.0	59.0	60.0	62.0	63.0	64.0	69.0	66.0
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	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful siren-tests	5005	5045	4983	4972	4966	4988	5061	4979
Total sirens-tests	5055	5057	4992	4991	4992	4992	5070	4991
Indicator value	**99.3%**	**99.4%**	**99.4%**	**99.6%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Dresden 3

3Q/2006 Performance Indicators

Licensee's General Comments: Some MSPI values are different than previously reported.

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	1237.5	2160.0	2099.6	2208.0	1761.2	2160.0	2183.0	2208.0
Indicator value	**2.7**	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	1.0	0	0	0	0	0
Critical hours	1237.5	2160.0	2099.6	2208.0	1761.2	2160.0	2183.0	2208.0
Indicator value	**0.9**	**0**	**0.9**	**0.9**	**0.9**	**0.9**	**0**	**0**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

2Q/06: Baseline Unavailability was corrected.

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)							-4.60E-09	-4.10E-09
URI (ΔCDF)							-3.90E-08	-3.50E-08
PLE							NO	NO
Indicator value							**-4.36E-08**	**-3.91E-08**

Licensee Comments:

3Q/06: Changed PRA Parameter(s). Revised Baseline Unavailability

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected.

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)							-5.20E-08	-4.60E-08
URI (ΔCDF)							-7.20E-08	-6.40E-08
PLE							NO	NO
Indicator value							**-1.24E-07**	**-1.10E-07**

Licensee Comments:

3Q/06: Changed PRA Parameter(s). Revised Baseline Unavailability

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected.

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)							-4.30E-09	-3.80E-09
URI (ΔCDF)							-1.10E-09	-9.80E-11
PLE							NO	NO
Indicator value							**-5.40E-09**	**-3.90E-09**

Licensee Comments:

3Q/06: Changed PRA Parameter(s). Revised Baseline Unavailability

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected.

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)							-1.30E-09	-1.10E-09
URI (ΔCDF)							-2.00E-09	-1.50E-09
PLE							NO	NO
Indicator value							**-3.30E-09**	**-2.60E-09**

Licensee Comments:

3Q/06: Changed PRA Parameter(s). Revised Baseline UnavailabilityRevised Monthly Unavailability

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected. Monthly unavailability data was also corrected.

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)							-5.30E-09	-3.90E-09
PLE							NO	NO
Indicator value							**-5.30E-09**	**-3.90E-09**

Licensee Comments:

3Q/06: Changed PRA Parameter(s). Revised Baseline Unavailability/Revised Monthly Unavailability

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected. Monthly unavailability data was also corrected.

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	0.000008	0	0.000033	0.000007	0.000015	0.000004	0.000003	0.000026	0.000145	0.000004	0.000015	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**

Reactor Coolant System Activity	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**
Maximum activity	0.000004	0.000015	0.000013	0.000006	0.000006	0.000004	0.000003	0.000003	0.000004	0.000003	0.000004	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/04**	**11/04**	**12/04**	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**
Maximum leakage	1.957	N/A	2.027	2.038	1.945	1.977	2.133	1.978	2.103	2.042	2.225	2.040
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.8**	**N/A**	**8.1**	**8.2**	**7.8**	**7.9**	**8.5**	**7.9**	**8.4**	**8.2**	**8.9**	**8.2**
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	2.098	2.060	1.930	1.962	1.995	2.003	1.988	2.272	1.973	2.002	2.017	2.270
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.4**	**8.2**	**7.7**	**7.8**	**8.0**	**8.0**	**8.0**	**9.1**	**7.9**	**8.0**	**8.1**	**9.1**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	29.0	58.0	24.0	26.0	47.0	48.0	38.0	14.0
Total opportunities	30.0	59.0	26.0	27.0	48.0	48.0	38.0	19.0
Indicator value	**94.3%**	**95.6%**	**96.7%**	**96.6%**	**96.9%**	**97.2%**	**97.9%**	**96.3%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	59.0	60.0	62.0	63.0	64.0	69.0	66.0	65.0
Total Key personnel	59.0	60.0	62.0	63.0	64.0	69.0	66.0	65.0
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/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	5045	4983	4972	4966	4988	5061	4979	4971
Total sirens-tests	5057	4992	4991	4992	4992	5070	4991	4992
Indicator value	**99.4%**	**99.4%**	**99.6%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Dresden 3

4Q/2006 Performance Indicators

Licensee's General Comments: none

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2160.0	2099.6	2208.0	1761.2	2160.0	2183.0	2208.0	1770.1
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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

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	1.0	0	0	0	0	0	1.0
Critical hours	2160.0	2099.6	2208.0	1761.2	2160.0	2183.0	2208.0	1770.1
Indicator value	**0**	**0.9**	**0.9**	**0.9**	**0.9**	**0**	**0**	**0.8**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

2Q/06: Baseline Unavailability was corrected.

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)						-4.60E-09	-4.10E-09	-4.10E-09
URI (ΔCDF)						-3.90E-08	-3.50E-08	-3.60E-08
PLE						NO	NO	NO
Indicator value						**-4.36E-08**	**-3.91E-08**	**-4.01E-08**

Licensee Comments:

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected.

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)						-5.20E-08	-4.60E-08	-4.60E-08
URI (ΔCDF)						-7.20E-08	-6.40E-08	-6.40E-08
PLE						NO	NO	NO
Indicator value						**-1.24E-07**	**-1.10E-07**	**-1.10E-07**

Licensee Comments:

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected.

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)						-4.30E-09	-3.80E-09	-3.80E-09
URI (ΔCDF)						-1.10E-09	-9.80E-11	-9.80E-11
PLE						NO	NO	NO
Indicator value						**-5.40E-09**	**-3.90E-09**	**-3.90E-09**

Licensee Comments:

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected.

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)						-1.30E-09	-1.10E-09	-1.10E-09
URI (ΔCDF)						-2.00E-09	-1.50E-09	-1.50E-09
PLE						NO	NO	NO
Indicator value						**-3.30E-09**	**-2.60E-09**	**-2.60E-09**

Licensee Comments:

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected. Monthly unavailability data was also corrected.

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)						-5.30E-09	-3.90E-09	-3.80E-09
PLE						NO	NO	NO
Indicator value						**-5.30E-09**	**-3.90E-09**	**-3.80E-09**

Licensee Comments:

2Q/06: Changed PRA Parameter(s). Baseline Unavailability was corrected. Monthly unavailability data was also corrected.

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	0.000007	0.000015	0.000004	0.000003	0.000026	0.000145	0.000004	0.000015	0.000004	0.000004	0.000015	0.000013
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**
Maximum activity	0.000006	0.000006	0.000004	0.000003	0.000003	0.000004	0.000003	0.000004	0.000003	0.000003	0.000015	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/05**	**2/05**	**3/05**	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**
Maximum leakage	2.038	1.945	1.977	2.133	1.978	2.103	2.042	2.225	2.040	2.098	2.060	1.930
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.2**	**7.8**	**7.9**	**8.5**	**7.9**	**8.4**	**8.2**	**8.9**	**8.2**	**8.4**	**8.2**	**7.7**
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	1.962	1.995	2.003	1.988	2.272	1.973	2.002	2.017	2.270	2.092	2.110	1.820
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.8**	**8.0**	**8.0**	**8.0**	**9.1**	**7.9**	**8.0**	**8.1**	**9.1**	**8.4**	**8.4**	**7.3**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	58.0	24.0	26.0	47.0	48.0	38.0	14.0	12.0
Total opportunities	59.0	26.0	27.0	48.0	48.0	38.0	19.0	12.0
Indicator value	**95.6%**	**96.7%**	**96.6%**	**96.9%**	**97.2%**	**97.9%**	**96.3%**	**96.4%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	60.0	62.0	63.0	64.0	69.0	66.0	65.0	66.0
Total Key personnel	60.0	62.0	63.0	64.0	69.0	66.0	65.0	66.0
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/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	4983	4972	4966	4988	5061	4979	4971	4902
Total sirens-tests	4992	4991	4992	4992	5070	4991	4992	4914
Indicator value	**99.4%**	**99.6%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.8%**	**99.7%**

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

Dresden 3

1Q/2007 Performance Indicators

Licensee's General Comments: See individual comment for MS05 indicator.

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	2099.6	2208.0	1761.2	2160.0	2183.0	2208.0	1770.1	2159.0
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/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	1.0	0	0	0	0	0	1.0	0
Critical hours	2099.6	2208.0	1761.2	2160.0	2183.0	2208.0	1770.1	2159.0
Indicator value	**0.9**	**0.9**	**0.9**	**0.9**	**0**	**0**	**0.8**	**0.8**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**

Licensee Comments:

1Q/07: See LER 237/2006-005-00 for details regarding SSFF in January 2007.

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)					-4.60E-09	-4.10E-09	-4.10E-09	-4.10E-09
URI (ΔCDF)					-3.90E-08	-3.50E-08	-3.60E-08	-3.30E-08
PLE					NO	NO	NO	NO
Indicator value					**-4.36E-08**	**-3.91E-08**	**-4.01E-08**	**-3.71E-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/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-5.20E-08	-4.60E-08	-4.60E-08	-3.40E-08
URI (ΔCDF)					-7.20E-08	-6.40E-08	-6.40E-08	-6.40E-08
PLE					NO	NO	NO	NO
Indicator value					**-1.24E-07**	**-1.10E-07**	**-1.10E-07**	**-9.80E-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	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-4.30E-09	-3.80E-09	-3.80E-09	-3.80E-09
URI (ΔCDF)					-1.10E-09	-9.80E-11	-9.80E-11	-9.80E-11
PLE					NO	NO	NO	NO
Indicator value					**-5.40E-09**	**-3.90E-09**	**-3.90E-09**	**-3.90E-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	**2Q/05**	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**
UAI (ΔCDF)					-1.30E-09	-1.10E-09	-1.10E-09	-1.10E-09
URI (ΔCDF)					-2.00E-09	-1.50E-09	-1.50E-09	-1.50E-09
PLE					NO	NO	NO	NO
Indicator value					**-3.30E-09**	**-2.60E-09**	**-2.60E-09**	**-2.60E-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)					-5.30E-09	-3.90E-09	-3.80E-09	-3.50E-09
PLE					NO	NO	NO	NO
Indicator value					**-5.30E-09**	**-3.90E-09**	**-3.80E-09**	**-3.50E-09**

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	0.000003	0.000026	0.000145	0.000004	0.000015	0.000004	0.000004	0.000015	0.000013	0.000006	0.000006	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0.1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**
Maximum activity	0.000003	0.000003	0.000004	0.000003	0.000004	0.000003	0.000003	0.000015	0.000015	0.000015	0.000022	0.000020
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/05**	**5/05**	**6/05**	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**
Maximum leakage	2.133	1.978	2.103	2.042	2.225	2.040	2.098	2.060	1.930	1.962	1.995	2.003
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.5**	**7.9**	**8.4**	**8.2**	**8.9**	**8.2**	**8.4**	**8.2**	**7.7**	**7.8**	**8.0**	**8.0**
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	1.988	2.272	1.973	2.002	2.017	2.270	2.092	2.110	1.820	1.850	1.828	1.863
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**9.1**	**7.9**	**8.0**	**8.1**	**9.1**	**8.4**	**8.4**	**7.3**	**7.4**	**7.3**	**7.5**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	24.0	26.0	47.0	48.0	38.0	14.0	12.0	50.0
Total opportunities	26.0	27.0	48.0	48.0	38.0	19.0	12.0	52.0
Indicator value	**96.7%**	**96.6%**	**96.9%**	**97.2%**	**97.9%**	**96.3%**	**96.4%**	**95.9%**

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	62.0	63.0	64.0	69.0	66.0	65.0	66.0	63.0
Total Key personnel	62.0	63.0	64.0	69.0	66.0	65.0	66.0	63.0
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	4972	4966	4988	5061	4979	4971	4902	4985
Total sirens-tests	4991	4992	4992	5070	4991	4992	4914	4992
Indicator value	**99.6%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.8%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Dresden 3

2Q/2007 Performance Indicators

Licensee's General Comments: SEE EMBEDDED COMMENT FOR MS05 INDICATOR.

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	1761.2	2160.0	2183.0	2208.0	1770.1	2159.0	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	0	0	0	0	0	1.0	0	0
Critical hours	2208.0	1761.2	2160.0	2183.0	2208.0	1770.1	2159.0	2184.0
Indicator value	**0.9**	**0.9**	**0.9**	**0**	**0**	**0.8**	**0.8**	**0.8**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	1	1
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**2**

Licensee Comments:

2Q/07: See LER 249/2007-001-00, "Unit 3 High Pressure Coolant Injection System Declared Inoperable," for SSFF reported in May 2007.

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)				-4.60E-09	-4.10E-09	-4.10E-09	-4.10E-09	-4.10E-09
URI (ΔCDF)				-3.90E-08	-3.50E-08	-3.60E-08	-3.30E-08	-3.20E-08
PLE				NO	NO	NO	NO	NO
Indicator value				**-4.36E-08**	**-3.91E-08**	**-4.01E-08**	**-3.71E-08**	**-3.61E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**3Q/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				-5.20E-08	-4.60E-08	-4.60E-08	-3.40E-08	-3.50E-08
URI (ΔCDF)				-7.20E-08	-6.40E-08	-6.40E-08	-6.40E-08	-8.90E-09
PLE				NO	NO	NO	NO	NO
Indicator value				**-1.24E-07**	**-1.10E-07**	**-1.10E-07**	**-9.80E-08**	**-4.39E-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)				-4.30E-09	-3.80E-09	-3.80E-09	-3.80E-09	-3.80E-09
URI (ΔCDF)				-1.10E-09	-9.80E-11	-9.80E-11	-9.80E-11	-5.40E-11
PLE				NO	NO	NO	NO	NO
Indicator value				**-5.40E-09**	**-3.90E-09**	**-3.90E-09**	**-3.90E-09**	**-3.85E-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/05**	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**
UAI (ΔCDF)				-1.30E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09
URI (ΔCDF)				-2.00E-09	-1.50E-09	-1.50E-09	-1.50E-09	-1.50E-09
PLE				NO	NO	NO	NO	NO
Indicator value				**-3.30E-09**	**-2.60E-09**	**-2.60E-09**	**-2.60E-09**	**-2.60E-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)				-5.30E-09	-3.90E-09	-3.80E-09	-3.50E-09	-3.40E-09
PLE				NO	NO	NO	NO	NO
Indicator value				**-5.30E-09**	**-3.90E-09**	**-3.80E-09**	**-3.50E-09**	**-3.40E-09**

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	0.000004	0.000015	0.000004	0.000004	0.000015	0.000013	0.000006	0.000006	0.000004	0.000003	0.000003	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**
Maximum activity	0.000003	0.000004	0.000003	0.000003	0.000015	0.000015	0.000015	0.000022	0.000020	0.000023	0.000023	0.000024
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/05**	**8/05**	**9/05**	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**
Maximum leakage	2.042	2.225	2.040	2.098	2.060	1.930	1.962	1.995	2.003	1.988	2.272	1.973
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.2**	**8.9**	**8.2**	**8.4**	**8.2**	**7.7**	**7.8**	**8.0**	**8.0**	**8.0**	**9.1**	**7.9**
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	2.002	2.017	2.270	2.092	2.110	1.820	1.850	1.828	1.863	1.808	2.015	2.205
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**8.1**	**9.1**	**8.4**	**8.4**	**7.3**	**7.4**	**7.3**	**7.5**	**7.2**	**8.1**	**8.8**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	26.0	47.0	48.0	38.0	14.0	12.0	50.0	54.0
Total opportunities	27.0	48.0	48.0	38.0	19.0	12.0	52.0	54.0
Indicator value	**96.6%**	**96.9%**	**97.2%**	**97.9%**	**96.3%**	**96.4%**	**95.9%**	**97.0%**

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	63.0	64.0	69.0	66.0	65.0	66.0	63.0	65.0
Total Key personnel	63.0	64.0	69.0	66.0	65.0	66.0	63.0	65.0
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	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	4966	4988	5061	4979	4971	4902	4985	4977
Total sirens-tests	4992	4992	5070	4991	4992	4914	4992	4990
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Dresden 3

3Q/2007 Performance Indicators

Licensee's General Comments: CDF Value Corrected - No Changes in MSPI Color. Also corrected minor error regarding Unit 3 CCSW failure to run probability.

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1761.2	2160.0	2183.0	2208.0	1770.1	2159.0	2184.0	2185.5
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	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	0	0	0
Critical hours	1761.2	2160.0	2183.0	2208.0	1770.1	2159.0	2184.0	2185.5
Indicator value	**0.9**	**0.9**	**0**	**0**	**0.8**	**0.8**	**0.8**	**0.8**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	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	1	1	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**2**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/05**	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**
UAI (ΔCDF)			-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09
URI (ΔCDF)			-3.90E-08	-3.90E-08	-4.00E-08	-3.70E-08	-3.60E-08	-3.60E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-4.36E-08**	**-4.36E-08**	**-4.46E-08**	**-4.16E-08**	**-4.06E-08**	**-4.06E-08**

Licensee Comments:

2Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

1Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

4Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

3Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

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)			-5.20E-08	-5.20E-08	-5.20E-08	-3.90E-08	-3.90E-08	4.80E-10
URI (ΔCDF)			-7.20E-08	-7.20E-08	-7.20E-08	-7.20E-08	-9.90E-09	-9.90E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-1.24E-07**	**-1.24E-07**	**-1.24E-07**	**-1.11E-07**	**-4.89E-08**	**-9.42E-09**

Licensee Comments:

2Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

1Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

4Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

3Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

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)			-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (ΔCDF)			-1.10E-09	-1.10E-10	-1.10E-10	-1.10E-10	-6.00E-11	-6.00E-11
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-5.40E-09**	**-4.41E-09**	**-4.41E-09**	**-4.41E-09**	**-4.36E-09**	**-4.36E-09**

Licensee Comments:

2Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

1Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

4Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

3Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

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)			-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09
URI (ΔCDF)			-2.00E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-3.30E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**

Licensee Comments:

2Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

1Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

4Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

3Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

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)			-5.30E-09	-2.30E-11	-2.20E-11	-2.00E-11	-2.00E-11	-2.00E-11
PLE			NO	NO	NO	NO	NO	NO
Indicator value			**-5.30E-09**	**-2.30E-11**	**-2.20E-11**	**-2.00E-11**	**-2.00E-11**	**-2.00E-11**

Licensee Comments:

2Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

1Q/07: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

4Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

3Q/06: Changed PRA Parameter(s). CDF Value Corrected - No Changes in MSPI Color

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	0.000004	0.000015	0.000013	0.000006	0.000006	0.000004	0.000003	0.000003	0.000004	0.000003	0.000004	0.000003
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**
Maximum activity	0.000003	0.000015	0.000015	0.000015	0.000022	0.000020	0.000023	0.000023	0.000024	0.000029	0.000018	0.000020
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/05**	**11/05**	**12/05**	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**
Maximum leakage	2.098	2.060	1.930	1.962	1.995	2.003	1.988	2.272	1.973	2.002	2.017	2.270
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.4**	**8.2**	**7.7**	**7.8**	**8.0**	**8.0**	**8.0**	**9.1**	**7.9**	**8.0**	**8.1**	**9.1**
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	2.092	2.110	1.820	1.850	1.828	1.863	1.808	2.015	2.205	2.250	2.240	2.242
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.4**	**8.4**	**7.3**	**7.4**	**7.3**	**7.5**	**7.2**	**8.1**	**8.8**	**9.0**	**9.0**	**9.0**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	47.0	48.0	38.0	14.0	12.0	50.0	54.0	40.0
Total opportunities	48.0	48.0	38.0	19.0	12.0	52.0	54.0	40.0
Indicator value	**96.9%**	**97.2%**	**97.9%**	**96.3%**	**96.4%**	**95.9%**	**97.0%**	**97.4%**

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	64.0	69.0	66.0	65.0	66.0	63.0	65.0	63.0
Total Key personnel	64.0	69.0	66.0	65.0	66.0	63.0	65.0	63.0
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/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	4988	5061	4979	4971	4902	4985	4977	4961
Total sirens-tests	4992	5070	4991	4992	4914	4992	4990	4992
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Dresden 3

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	2208.0	1770.1	2159.0	2184.0	2185.5	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	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	1770.1	2159.0	2184.0	2185.5	2209.0
Indicator value	**0.9**	**0**	**0**	**0.8**	**0.8**	**0.8**	**0.8**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Safety System Functional Failures	0	0	0	0	1	1	0	0
Indicator value	**0**	**0**	**0**	**0**	**1**	**2**	**2**	**2**

Licensee Comments: none

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)		-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09
URI (ΔCDF)		-3.90E-08	-3.90E-08	-4.00E-08	-3.70E-08	-3.60E-08	-3.60E-08	-3.70E-08
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-4.36E-08**	**-4.36E-08**	**-4.46E-08**	**-4.16E-08**	**-4.06E-08**	**-4.06E-08**	**-4.16E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**1Q/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-5.20E-08	-5.20E-08	-5.20E-08	-3.90E-08	-3.90E-08	4.80E-10	9.10E-09
URI (ΔCDF)		-7.20E-08	-7.20E-08	-7.20E-08	-7.20E-08	-9.90E-09	-9.90E-09	-9.90E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-1.24E-07**	**-1.24E-07**	**-1.24E-07**	**-1.11E-07**	**-4.89E-08**	**-9.42E-09**	**-8.00E-10**

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)		-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (ΔCDF)		-1.10E-09	-1.10E-10	-1.10E-10	-1.10E-10	-6.00E-11	-6.00E-11	-6.00E-11
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-5.40E-09**	**-4.41E-09**	**-4.41E-09**	**-4.41E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-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/06**	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**
UAI (ΔCDF)		-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09
URI (ΔCDF)		-2.00E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.60E-09
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-3.30E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-2.90E-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	0.00E+00
URI (ΔCDF)		-5.30E-09	-2.30E-11	-2.20E-11	-2.00E-11	-2.00E-11	-2.00E-11	-1.90E-11
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		**-5.30E-09**	**-2.30E-11**	**-2.20E-11**	**-2.00E-11**	**-2.00E-11**	**-2.00E-11**	**-1.90E-11**

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	0.000006	0.000006	0.000004	0.000003	0.000003	0.000004	0.000003	0.000004	0.000003	0.000003	0.000015	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**
Maximum activity	0.000015	0.000022	0.000020	0.000023	0.000023	0.000024	0.000029	0.000018	0.000020	0.000023	0.000030	0.000032
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/06**	**2/06**	**3/06**	**4/06**	**5/06**	**6/06**	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**
Maximum leakage	1.962	1.995	2.003	1.988	1.983	1.973	2.002	2.017	2.058	2.092	2.110	1.820
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.8**	**8.0**	**8.0**	**8.0**	**7.9**	**7.9**	**8.0**	**8.1**	**8.2**	**8.4**	**8.4**	**7.3**
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	1.840	1.828	1.863	1.808	2.015	2.205	2.242	2.265	2.242	2.192	2.180	2.043
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.4**	**7.3**	**7.5**	**7.2**	**8.1**	**8.8**	**9.0**	**9.1**	**9.0**	**8.8**	**8.7**	**8.2**

Licensee Comments:

12/07: In November 2007, corrections were made to some historical Unit 3 RCSL values in the period May 2006 through September 2007. This was due to incorrect formulas having been used to generate the original RCSL values.

9/07: RCSL values for July 07, August 07, and September 07 were corrected in 4th Quarter 07. Indicator remains Green.

3/07: RCSL value for January 07 was corrected in 4th Quarter 07. Indicator remains Green.

9/06: RCSL value for September 06 was corrected in 4th Quarter 07. Indicator remains Green.

6/06: RCSL value for May 06 was corrected in 4th Quarter 07. Indicator remains Green.

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	48.0	38.0	14.0	12.0	50.0	54.0	40.0	2.0
Total opportunities	48.0	38.0	19.0	12.0	52.0	54.0	40.0	2.0
Indicator value	**97.2%**	**97.9%**	**96.3%**	**96.4%**	**95.9%**	**97.0%**	**97.4%**	**97.4%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	69.0	66.0	65.0	66.0	63.0	65.0	63.0	60.0
Total Key personnel	69.0	66.0	65.0	66.0	63.0	65.0	63.0	62.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**96.8%**

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	5061	4979	4971	4902	4985	4977	4961	4982
Total sirens-tests	5070	4991	4992	4914	4992	4990	4992	4992
Indicator value	**99.7%**	**99.7%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Dresden 3

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	2208.0	1770.1	2159.0	2184.0	2185.5	2209.0	1983.8
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	0	0	0	0	0
Critical hours	2183.0	2208.0	1770.1	2159.0	2184.0	2185.5	2209.0	1983.8
Indicator value	**0**	**0**	**0.8**	**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/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 (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**
UAI (ΔCDF)	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09
URI (ΔCDF)	-3.90E-08	-3.90E-08	-4.00E-08	-3.70E-08	-3.60E-08	-3.60E-08	-3.70E-08	-3.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.36E-08**	**-4.36E-08**	**-4.46E-08**	**-4.16E-08**	**-4.06E-08**	**-4.06E-08**	**-4.16E-08**	**-4.16E-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/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (ΔCDF)	-5.20E-08	-5.20E-08	-5.20E-08	-3.90E-08	-3.90E-08	4.80E-10	9.10E-09	-1.20E-09
URI (ΔCDF)	-7.20E-08	-7.20E-08	-7.20E-08	-7.20E-08	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.24E-07**	**-1.24E-07**	**-1.24E-07**	**-1.11E-07**	**-4.89E-08**	**-9.42E-09**	**-8.00E-10**	**-1.11E-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)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (ΔCDF)	-1.10E-09	-1.10E-10	-1.10E-10	-1.10E-10	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.40E-09**	**-4.41E-09**	**-4.41E-09**	**-4.41E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-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	**2Q/06**	**3Q/06**	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**
UAI (ΔCDF)	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09
URI (ΔCDF)	-2.00E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.60E-09	-1.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.30E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-2.90E-09**	**-2.90E-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	0.00E+00	0.00E+00
URI (ΔCDF)	-5.30E-09	-2.30E-11	-2.20E-11	-2.00E-11	-2.00E-11	-2.00E-11	-1.90E-11	-1.90E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.30E-09**	**-2.30E-11**	**-2.20E-11**	**-2.00E-11**	**-2.00E-11**	**-2.00E-11**	**-1.90E-11**	**-1.90E-11**

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	0.000003	0.000003	0.000004	0.000003	0.000004	0.000003	0.000003	0.000015	0.000015	0.000015	0.000022	0.000020
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**
Maximum activity	0.000023	0.000023	0.000024	0.000029	0.000018	0.000020	0.000023	0.000030	0.000032	0.000020	0.000004	0.000019
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	1.988	1.983	1.973	2.002	2.017	2.058	2.092	2.110	1.820	1.840	1.828	1.863
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**7.9**	**7.9**	**8.0**	**8.1**	**8.2**	**8.4**	**8.4**	**7.3**	**7.4**	**7.3**	**7.5**
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	1.808	2.015	2.205	2.242	2.265	2.242	2.192	2.180	2.043	2.490	2.018	1.933
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.2**	**8.1**	**8.8**	**9.0**	**9.1**	**9.0**	**8.8**	**8.7**	**8.2**	**10.0**	**8.1**	**7.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	38.0	14.0	12.0	50.0	54.0	40.0	2.0	24.0
Total opportunities	38.0	19.0	12.0	52.0	54.0	40.0	2.0	24.0
Indicator value	**97.9%**	**96.3%**	**96.4%**	**95.9%**	**97.0%**	**97.4%**	**97.4%**	**97.1%**

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	66.0	65.0	66.0	63.0	65.0	63.0	60.0	62.0
Total Key personnel	66.0	65.0	66.0	63.0	65.0	63.0	62.0	63.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**96.8%**	**98.4%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	4979	4971	4902	4985	4977	4961	4982	4970
Total sirens-tests	4991	4992	4914	4992	4990	4992	4992	4992
Indicator value	**99.7%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.6%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Dresden 3

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	2208.0	1770.1	2159.0	2184.0	2185.5	2209.0	1983.8	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2208.0	1770.1	2159.0	2184.0	2185.5	2209.0	1983.8	2184.0
Indicator value	**0**	**0.8**	**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/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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
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/08: See LER 237/2008-003-00, "Control Room Emergency Ventilation Air Conditioning System Inoperable Due To Excessive Vibration," for SSFF reported on 6/23/2008.

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.00E-09
URI (ΔCDF)	-3.90E-08	-4.00E-08	-3.70E-08	-3.60E-08	-3.60E-08	-3.70E-08	-3.70E-08	6.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.36E-08**	**-4.46E-08**	**-4.16E-08**	**-4.06E-08**	**-4.06E-08**	**-4.16E-08**	**-4.16E-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	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-5.20E-08	-5.20E-08	-3.90E-08	-3.90E-08	4.80E-10	9.10E-09	-1.20E-09	-1.40E-09
URI (ΔCDF)	-7.20E-08	-7.20E-08	-7.20E-08	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.24E-07**	**-1.24E-07**	**-1.11E-07**	**-4.89E-08**	**-9.42E-09**	**-8.00E-10**	**-1.11E-08**	**-1.13E-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)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (ΔCDF)	-1.10E-10	-1.10E-10	-1.10E-10	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.41E-09**	**-4.41E-09**	**-4.41E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-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/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (ΔCDF)	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09
URI (ΔCDF)	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.60E-09	-1.60E-09	-1.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-2.90E-09**	**-2.90E-09**	**-2.90E-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	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-2.30E-11	-2.20E-11	-2.00E-11	-2.00E-11	-2.00E-11	-1.90E-11	-1.90E-11	-2.00E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.30E-11**	**-2.20E-11**	**-2.00E-11**	**-2.00E-11**	**-2.00E-11**	**-1.90E-11**	**-1.90E-11**	**-2.00E-11**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/06**	**8/06**	**9/06**	**10/06**	**11/06**	**12/06**	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**
Maximum activity	0.000003	0.000004	0.000003	0.000003	0.000015	0.000015	0.000015	0.000022	0.000020	0.000023	0.000023	0.000024
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**
Maximum activity	0.000029	0.000018	0.000020	0.000023	0.000030	0.000032	0.000020	0.000004	0.000019	0.000032	0.000033	0.000016
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	2.002	2.017	2.058	2.092	2.110	1.820	1.840	1.828	1.863	1.808	2.015	2.205
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.0**	**8.1**	**8.2**	**8.4**	**8.4**	**7.3**	**7.4**	**7.3**	**7.5**	**7.2**	**8.1**	**8.8**
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	2.242	2.265	2.242	2.192	2.180	2.043	2.490	2.018	1.933	1.918	2.018	1.937
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.0**	**9.1**	**9.0**	**8.8**	**8.7**	**8.2**	**10.0**	**8.1**	**7.7**	**7.7**	**8.1**	**7.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	14.0	12.0	50.0	54.0	40.0	2.0	24.0	16.0
Total opportunities	19.0	12.0	52.0	54.0	40.0	2.0	24.0	16.0
Indicator value	**96.3%**	**96.4%**	**95.9%**	**97.0%**	**97.4%**	**97.4%**	**97.1%**	**96.8%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	65.0	66.0	63.0	65.0	63.0	60.0	62.0	67.0
Total Key personnel	65.0	66.0	63.0	65.0	63.0	62.0	63.0	68.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**96.8%**	**98.4%**	**98.5%**

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	4971	4902	4985	4977	4961	4982	4970	4972
Total sirens-tests	4992	4914	4992	4990	4992	4992	4992	4992
Indicator value	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.6%**	**99.6%**

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.

Dresden 3

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	1770.1	2159.0	2184.0	2185.5	2209.0	1983.8	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/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	1.0	0	0	0	0	0	0	1.0
Critical hours	1770.1	2159.0	2184.0	2185.5	2209.0	1983.8	2184.0	2208.0
Indicator value	**0.8**	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**	**0.8**

Licensee Comments:

3Q/08: On August 17, 2008, the NRC granted an NOED, which averted reactor shutdown due to a Drywell Floor Drain Sump pumping issue. However, a power reduction was necessary for Drywell entry to address this issue.

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 (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.00E-09	-4.00E-09
URI (ΔCDF)	-4.00E-08	-3.70E-08	-3.60E-08	-3.60E-08	-3.70E-08	-3.70E-08	6.40E-08	6.40E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.46E-08**	**-4.16E-08**	**-4.06E-08**	**-4.06E-08**	**-4.16E-08**	**-4.16E-08**	**6.00E-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	**4Q/06**	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**
UAI (ΔCDF)	-5.20E-08	-3.90E-08	-3.90E-08	4.80E-10	9.10E-09	-1.20E-09	-1.40E-09	-1.40E-09
URI (ΔCDF)	-7.20E-08	-7.20E-08	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.24E-07**	**-1.11E-07**	**-4.89E-08**	**-9.42E-09**	**-8.00E-10**	**-1.11E-08**	**-1.13E-08**	**-1.13E-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)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (ΔCDF)	-1.10E-10	-1.10E-10	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.41E-09**	**-4.41E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-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)	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09
URI (ΔCDF)	-1.70E-09	-1.70E-09	-1.70E-09	-1.70E-09	-1.60E-09	-1.60E-09	-1.60E-09	-1.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-2.90E-09**	**-2.90E-09**	**-2.90E-09**	**-2.90E-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/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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-2.20E-11	-2.00E-11	-2.00E-11	-2.00E-11	-1.90E-11	-1.90E-11	-2.00E-11	-1.90E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.20E-11**	**-2.00E-11**	**-2.00E-11**	**-2.00E-11**	**-1.90E-11**	**-1.90E-11**	**-2.00E-11**	**-1.90E-11**

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	0.000003	0.000015	0.000015	0.000015	0.000022	0.000020	0.000023	0.000023	0.000024	0.000029	0.000018	0.000020
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**
Maximum activity	0.000023	0.000030	0.000032	0.000020	0.000004	0.000019	0.000032	0.000033	0.000016	0.000028	0.000028	0.000034
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	2.092	2.110	1.820	1.840	1.828	1.863	1.808	2.015	2.205	2.242	2.265	2.242
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.4**	**8.4**	**7.3**	**7.4**	**7.3**	**7.5**	**7.2**	**8.1**	**8.8**	**9.0**	**9.1**	**9.0**
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	2.192	2.180	2.043	2.490	2.018	1.933	1.918	2.018	1.937	1.942	1.922	1.935
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.8**	**8.7**	**8.2**	**10.0**	**8.1**	**7.7**	**7.7**	**8.1**	**7.7**	**7.8**	**7.7**	**7.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	12.0	50.0	54.0	40.0	2.0	24.0	16.0	40.0
Total opportunities	12.0	52.0	54.0	40.0	2.0	24.0	16.0	40.0
Indicator value	**96.4%**	**95.9%**	**97.0%**	**97.4%**	**97.4%**	**97.1%**	**96.8%**	**99.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	66.0	63.0	65.0	63.0	60.0	62.0	67.0	64.0
Total Key personnel	66.0	63.0	65.0	63.0	62.0	63.0	68.0	64.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**96.8%**	**98.4%**	**98.5%**	**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	4902	4985	4977	4961	4982	4970	4972	5037
Total sirens-tests	4914	4992	4990	4992	4992	4992	4992	5070
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.6%**	**99.6%**	**99.6%**

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

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4Q/2008 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2185.5	2209.0	1983.8	2184.0	2208.0	1804.0
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	0	0	0	0	0	0	1.0	0
Critical hours	2159.0	2184.0	2185.5	2209.0	1983.8	2184.0	2208.0	1804.0
Indicator value	**0.8**	**0.8**	**0.8**	**0**	**0**	**0**	**0.8**	**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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Safety System Functional Failures	1	1	0	0	0	1	0	1
Indicator value	**1**	**2**	**2**	**2**	**1**	**1**	**1**	**2**

Licensee Comments:

4Q/08: Licensee Event Report 249/2008-003-00, " Unit 3 Unplanned Control Rod Withdrawals, " was submitted on 12/31/2008.

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)	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.00E-09	-4.00E-09	-4.00E-09
URI (ΔCDF)	-3.70E-08	-3.60E-08	-3.60E-08	-3.70E-08	-3.70E-08	6.40E-08	6.40E-08	6.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.16E-08**	**-4.06E-08**	**-4.06E-08**	**-4.16E-08**	**-4.16E-08**	**6.00E-08**	**6.00E-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	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**
UAI (ΔCDF)	-3.90E-08	-3.90E-08	4.80E-10	9.10E-09	-1.20E-09	-1.40E-09	-1.40E-09	1.10E-08
URI (ΔCDF)	-7.20E-08	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.11E-07**	**-4.89E-08**	**-9.42E-09**	**-8.00E-10**	**-1.11E-08**	**-1.13E-08**	**-1.13E-08**	**1.10E-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	**1Q/07**	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**
UAI (ΔCDF)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (ΔCDF)	-1.10E-10	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.41E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-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)	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09
URI (ΔCDF)	-1.70E-09	-1.70E-09	-1.70E-09	-1.60E-09	-1.60E-09	-1.60E-09	-1.60E-09	-1.70E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-2.90E-09**	**-2.90E-09**	**-2.90E-09**	**-2.90E-09**	**-3.00E-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/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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-2.00E-11	-2.00E-11	-2.00E-11	-1.90E-11	-1.90E-11	-2.00E-11	-1.90E-11	-2.00E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-11**	**-2.00E-11**	**-2.00E-11**	**-1.90E-11**	**-1.90E-11**	**-2.00E-11**	**-1.90E-11**	**-2.00E-11**

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	0.000015	0.000022	0.000020	0.000023	0.000023	0.000024	0.000029	0.000018	0.000020	0.000023	0.000030	0.000032
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**
Maximum activity	0.000020	0.000004	0.000019	0.000032	0.000033	0.000016	0.000028	0.000028	0.000034	0.000013	0.000015	0.000014
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/07**	**2/07**	**3/07**	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**
Maximum leakage	1.840	1.828	1.863	1.808	2.015	2.205	2.242	2.265	2.242	2.192	2.180	2.043
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.4**	**7.3**	**7.5**	**7.2**	**8.1**	**8.8**	**9.0**	**9.1**	**9.0**	**8.8**	**8.7**	**8.2**
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	2.490	2.018	1.933	1.918	2.018	1.937	1.942	1.922	1.935	1.950	2.012	1.833
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**10.0**	**8.1**	**7.7**	**7.7**	**8.1**	**7.7**	**7.8**	**7.7**	**7.7**	**7.8**	**8.0**	**7.3**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	50.0	54.0	40.0	2.0	24.0	16.0	40.0	24.0
Total opportunities	52.0	54.0	40.0	2.0	24.0	16.0	40.0	24.0
Indicator value	**95.9%**	**97.0%**	**97.4%**	**97.4%**	**97.1%**	**96.8%**	**99.2%**	**99.2%**

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	63.0	65.0	63.0	60.0	62.0	67.0	64.0	64.0
Total Key personnel	63.0	65.0	63.0	62.0	63.0	68.0	64.0	64.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**96.8%**	**98.4%**	**98.5%**	**100.0%**	**100.0%**

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	4985	4977	4961	4982	4970	4972	5037	4965
Total sirens-tests	4992	4990	4992	4992	4992	4992	5070	4992
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.7%**	**99.6%**	**99.6%**	**99.6%**	**99.5%**

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

Dresden 3

1Q/2009 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2185.5	2209.0	1983.8	2184.0	2208.0	1804.0	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2184.0	2185.5	2209.0	1983.8	2184.0	2208.0	1804.0	2159.0
Indicator value	**0.8**	**0.8**	**0**	**0**	**0**	**0.8**	**0.9**	**0.8**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Safety System Functional Failures	1	0	0	0	1	0	1	0
Indicator value	**2**	**2**	**2**	**1**	**1**	**1**	**2**	**2**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**
UAI (ΔCDF)	-4.60E-09	-4.60E-09	-4.60E-09	-4.60E-09	-4.00E-09	-4.00E-09	-4.00E-09	-4.00E-09
URI (ΔCDF)	-3.60E-08	-3.60E-08	-3.70E-08	-3.70E-08	6.40E-08	6.40E-08	6.50E-08	6.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.06E-08**	**-4.06E-08**	**-4.16E-08**	**-4.16E-08**	**6.00E-08**	**6.00E-08**	**6.10E-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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	-3.90E-08	4.80E-10	9.10E-09	-1.20E-09	-1.40E-09	-1.40E-09	1.10E-08	1.20E-08
URI (ΔCDF)	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.89E-08**	**-9.42E-09**	**-8.00E-10**	**-1.11E-08**	**-1.13E-08**	**-1.13E-08**	**1.10E-09**	**2.00E-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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (ΔCDF)	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-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	**2Q/07**	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**
UAI (ΔCDF)	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.20E-09
URI (ΔCDF)	-1.70E-09	-1.70E-09	-1.60E-09	-1.60E-09	-1.60E-09	-1.60E-09	-1.70E-09	-1.80E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-09**	**-3.00E-09**	**-2.90E-09**	**-2.90E-09**	**-2.90E-09**	**-2.90E-09**	**-3.00E-09**	**-3.00E-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/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
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)	-2.00E-11	-2.00E-11	-1.90E-11	-1.90E-11	-2.00E-11	-1.90E-11	-2.00E-11	-2.10E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-11**	**-2.00E-11**	**-1.90E-11**	**-1.90E-11**	**-2.00E-11**	**-1.90E-11**	**-2.00E-11**	**-2.10E-11**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**
Maximum activity	0.000023	0.000023	0.000024	0.000029	0.000018	0.000020	0.000023	0.000030	0.000032	0.000020	0.000004	0.000019
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**
Maximum activity	0.000032	0.000033	0.000016	0.000028	0.000028	0.000034	0.000013	0.000015	0.000014	0.000023	0.000016	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/07**	**5/07**	**6/07**	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**
Maximum leakage	1.808	2.015	2.205	2.242	2.265	2.242	2.192	2.180	2.043	2.490	2.018	1.933
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.2**	**8.1**	**8.8**	**9.0**	**9.1**	**9.0**	**8.8**	**8.7**	**8.2**	**10.0**	**8.1**	**7.7**
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	1.918	2.018	1.937	1.942	1.922	1.935	1.950	2.012	1.833	1.837	1.820	1.823
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.7**	**8.1**	**7.7**	**7.8**	**7.7**	**7.7**	**7.8**	**8.0**	**7.3**	**7.3**	**7.3**	**7.3**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	54.0	40.0	2.0	24.0	16.0	40.0	24.0	44.0
Total opportunities	54.0	40.0	2.0	24.0	16.0	40.0	24.0	44.0
Indicator value	**97.0%**	**97.4%**	**97.4%**	**97.1%**	**96.8%**	**99.2%**	**99.2%**	**100.0%**

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	65.0	63.0	60.0	62.0	67.0	64.0	64.0	63.0
Total Key personnel	65.0	63.0	63.0	63.0	68.0	64.0	64.0	64.0
Indicator value	**100.0%**	**100.0%**	**95.2%**	**98.4%**	**98.5%**	**100.0%**	**100.0%**	**98.4%**

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	4977	4961	4982	4970	4972	5037	4963	4900
Total sirens-tests	4990	4992	4992	4992	4992	5070	4992	4914
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.6%**	**99.6%**	**99.6%**	**99.5%**	**99.5%**

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

Dresden 3

2Q/2009 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2185.5	2209.0	1983.8	2184.0	2208.0	1804.0	2159.0	2145.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2185.5	2209.0	1983.8	2184.0	2208.0	1804.0	2159.0	2145.0
Indicator value	**0.8**	**0**	**0**	**0**	**0.8**	**0.9**	**0.8**	**0.8**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Safety System Functional Failures	0	0	0	1	0	1	0	1
Indicator value	**2**	**2**	**1**	**1**	**1**	**2**	**2**	**2**

Licensee Comments:

2Q/09: Ref: LER # 237/2009-001-00

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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-4.60E-09	-4.60E-09	-4.60E-09	-4.00E-09	-4.00E-09	-4.00E-09	-4.00E-09	-2.40E-09
URI (ΔCDF)	-3.60E-08	-3.70E-08	-3.70E-08	6.40E-08	6.40E-08	6.50E-08	6.10E-08	1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.06E-08**	**-4.16E-08**	**-4.16E-08**	**6.00E-08**	**6.00E-08**	**6.10E-08**	**5.70E-08**	**1.68E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**3Q/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**
UAI (ΔCDF)	4.80E-10	9.10E-09	-1.20E-09	-1.40E-09	-1.40E-09	1.10E-08	1.20E-08	1.70E-09
URI (ΔCDF)	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-1.00E-08	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.42E-09**	**-8.00E-10**	**-1.11E-08**	**-1.13E-08**	**-1.13E-08**	**1.10E-09**	**2.00E-09**	**-8.30E-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/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (ΔCDF)	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-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)	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.20E-09	-1.30E-09
URI (ΔCDF)	-1.70E-09	-1.60E-09	-1.60E-09	-1.60E-09	-1.60E-09	-1.70E-09	-1.80E-09	-1.70E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-09**	**-2.90E-09**	**-2.90E-09**	**-2.90E-09**	**-2.90E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-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/07**	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**
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)	-2.00E-11	-1.90E-11	-1.90E-11	-2.00E-11	-1.90E-11	-2.00E-11	-2.10E-11	-2.10E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-11**	**-1.90E-11**	**-1.90E-11**	**-2.00E-11**	**-1.90E-11**	**-2.00E-11**	**-2.10E-11**	**-2.10E-11**

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	0.000029	0.000018	0.000020	0.000023	0.000030	0.000032	0.000020	0.000004	0.000019	0.000032	0.000033	0.000016
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**
Maximum activity	0.000028	0.000028	0.000034	0.000013	0.000015	0.000014	0.000023	0.000016	0.000011	0.000016	0.000015	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/07**	**8/07**	**9/07**	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**
Maximum leakage	2.242	2.265	2.242	2.192	2.180	2.043	2.490	2.018	1.933	1.918	2.018	1.937
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**9.0**	**9.1**	**9.0**	**8.8**	**8.7**	**8.2**	**10.0**	**8.1**	**7.7**	**7.7**	**8.1**	**7.7**
Reactor Coolant System Leakage	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**
Maximum leakage	1.942	1.922	1.935	1.950	2.012	1.833	1.837	1.820	1.823	1.855	1.868	1.882
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.8**	**7.7**	**7.7**	**7.8**	**8.0**	**7.3**	**7.3**	**7.3**	**7.3**	**7.4**	**7.5**	**7.5**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful opportunities	40.0	2.0	24.0	16.0	40.0	24.0	46.0	35.0
Total opportunities	40.0	2.0	24.0	16.0	40.0	24.0	46.0	36.0
Indicator value	**97.4%**	**97.4%**	**97.1%**	**96.8%**	**99.2%**	**99.2%**	**100.0%**	**99.6%**

Licensee Comments:

1Q/09: Indicator values for March 2009 updated from 12/12 to 14/14. No change in indicator color.

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	63.0	60.0	63.0	67.0	64.0	64.0	63.0	65.0
Total Key personnel	63.0	63.0	64.0	68.0	64.0	64.0	64.0	65.0
Indicator value	**100.0%**	**95.2%**	**98.4%**	**98.5%**	**100.0%**	**100.0%**	**98.4%**	**100.0%**

Licensee Comments:

1Q/08: For March 2008, Total Key personnel changed from 63 to 64 and Participating Key personnel changed from 62 to 63. No change in indicator color.

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	4961	4982	4970	4972	5037	4963	4900	4978
Total sirens-tests	4992	4992	4992	4992	5070	4992	4914	4992
Indicator value	**99.7%**	**99.7%**	**99.6%**	**99.6%**	**99.6%**	**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	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

Dresden 3

3Q/2009 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	1983.8	2184.0	2208.0	1804.0	2159.0	2145.0	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/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	0	0	0	1.0	0	0	0	1.0
Critical hours	2209.0	1983.8	2184.0	2208.0	1804.0	2159.0	2145.0	2208.0
Indicator value	**0**	**0**	**0**	**0.8**	**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/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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Safety System Functional Failures	0	0	1	0	1	0	1	1
Indicator value	**2**	**1**	**1**	**1**	**2**	**2**	**2**	**3**

Licensee Comments:

3Q/09: Reference: Licensee Event Report 237/2009-003-00, dated August 3, 2009

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	-4.60E-09	-4.60E-09	-4.00E-09	-4.00E-09	-4.00E-09	-4.00E-09	-2.40E-09	-2.10E-09
URI (ΔCDF)	-3.70E-08	-3.70E-08	6.40E-08	6.40E-08	6.50E-08	6.10E-08	1.70E-07	1.60E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.16E-08**	**-4.16E-08**	**6.00E-08**	**6.00E-08**	**6.10E-08**	**5.70E-08**	**1.68E-07**	**1.58E-07**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**4Q/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	9.10E-09	-1.20E-09	-1.40E-09	-1.40E-09	1.10E-08	1.20E-08	1.70E-09	1.70E-09
URI (ΔCDF)	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-1.00E-08	-1.00E-08	-1.00E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.00E-10**	**-1.11E-08**	**-1.13E-08**	**-1.13E-08**	**1.10E-09**	**2.00E-09**	**-8.30E-09**	**-8.30E-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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (ΔCDF)	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-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/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (ΔCDF)	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.20E-09	-1.30E-09	-1.30E-09
URI (ΔCDF)	-1.60E-09	-1.60E-09	-1.60E-09	-1.60E-09	-1.70E-09	-1.80E-09	-1.70E-09	-1.70E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-09**	**-2.90E-09**	**-2.90E-09**	**-2.90E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-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/07**	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-11
URI (ΔCDF)	-1.90E-11	-1.90E-11	-2.00E-11	-1.90E-11	-2.00E-11	-2.10E-11	-2.10E-11	-2.10E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-11**	**-1.90E-11**	**-2.00E-11**	**-1.90E-11**	**-2.00E-11**	**-2.10E-11**	**-2.10E-11**	**-1.00E-11**

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	0.000023	0.000030	0.000032	0.000020	0.000004	0.000019	0.000032	0.000033	0.000016	0.000028	0.000028	0.000034
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**
Maximum activity	0.000013	0.000015	0.000014	0.000023	0.000016	0.000011	0.000016	0.000015	0.000015	0.000014	0.000012	0.000013
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/07**	**11/07**	**12/07**	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**
Maximum leakage	2.192	2.180	2.043	2.490	2.018	1.933	1.918	2.018	1.937	1.942	1.922	1.935
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.8**	**8.7**	**8.2**	**10.0**	**8.1**	**7.7**	**7.7**	**8.1**	**7.7**	**7.8**	**7.7**	**7.7**
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	1.950	2.012	1.833	1.837	1.820	1.823	1.855	1.868	1.882	1.855	1.835	1.838
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.8**	**8.0**	**7.3**	**7.3**	**7.3**	**7.3**	**7.4**	**7.5**	**7.5**	**7.4**	**7.3**	**7.4**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful opportunities	2.0	24.0	16.0	40.0	24.0	46.0	35.0	36.0
Total opportunities	2.0	24.0	16.0	40.0	24.0	46.0	36.0	36.0
Indicator value	**97.4%**	**97.1%**	**96.8%**	**99.2%**	**99.2%**	**100.0%**	**99.6%**	**99.6%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Participating Key personnel	60.0	63.0	67.0	64.0	64.0	63.0	65.0	65.0
Total Key personnel	63.0	64.0	68.0	64.0	64.0	64.0	65.0	65.0
Indicator value	**95.2%**	**98.4%**	**98.5%**	**100.0%**	**100.0%**	**98.4%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful siren-tests	4982	4970	4972	5037	4963	4900	4978	5064
Total sirens-tests	4992	4992	4992	5070	4992	4914	4992	5070
Indicator value	**99.7%**	**99.6%**	**99.6%**	**99.6%**	**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	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Security information not publicly available.

Last Modified: November 30, 2009

Dresden 3

4Q/2009 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	1983.8	2184.0	2208.0	1804.0	2159.0	2145.0	2208.0	2145.7
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	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	0	0	1.0	0	0	0	1.0	1.0
Critical hours	1983.8	2184.0	2208.0	1804.0	2159.0	2145.0	2208.0	2145.7
Indicator value	**0**	**0**	**0.8**	**0.9**	**0.8**	**0.8**	**0.8**	**1.6**

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 (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	-4.60E-09	-4.00E-09	-4.00E-09	-4.00E-09	-4.00E-09	-2.40E-09	-2.10E-09	5.10E-10
URI (ΔCDF)	-3.70E-08	6.40E-08	6.40E-08	6.50E-08	6.10E-08	1.70E-07	1.60E-07	2.70E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.16E-08**	**6.00E-08**	**6.00E-08**	**6.10E-08**	**5.70E-08**	**1.68E-07**	**1.58E-07**	**2.75E-08**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**1Q/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	-1.20E-09	-1.40E-09	-1.40E-09	1.10E-08	1.20E-08	1.70E-09	1.70E-09	2.50E-08
URI (ΔCDF)	-9.90E-09	-9.90E-09	-9.90E-09	-9.90E-09	-1.00E-08	-1.00E-08	-1.00E-08	-1.10E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.11E-08**	**-1.13E-08**	**-1.13E-08**	**1.10E-09**	**2.00E-09**	**-8.30E-09**	**-8.30E-09**	**1.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (ΔCDF)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09
URI (ΔCDF)	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.80E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.37E-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/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	-1.30E-09	-1.30E-09	-1.30E-09	-1.30E-09	-1.20E-09	-1.30E-09	-1.30E-09	-1.30E-09
URI (ΔCDF)	-1.60E-09	-1.60E-09	-1.60E-09	-1.70E-09	-1.80E-09	-1.70E-09	-1.70E-09	-1.70E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-09**	**-2.90E-09**	**-2.90E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-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/08**	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-11	1.10E-11
URI (ΔCDF)	-1.90E-11	-2.00E-11	-1.90E-11	-2.00E-11	-2.10E-11	-2.10E-11	-2.10E-11	-2.10E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-11**	**-2.00E-11**	**-1.90E-11**	**-2.00E-11**	**-2.10E-11**	**-2.10E-11**	**-1.00E-11**	**-1.00E-11**

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	0.000020	0.000004	0.000019	0.000032	0.000033	0.000016	0.000028	0.000028	0.000034	0.000013	0.000015	0.000014
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**
Maximum activity	0.000023	0.000016	0.000011	0.000016	0.000015	0.000015	0.000014	0.000012	0.000013	0.000012	0.000020	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/08**	**2/08**	**3/08**	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**
Maximum leakage	2.490	2.018	1.933	1.918	2.018	1.937	1.942	1.922	1.935	1.950	2.012	1.833
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**10.0**	**8.1**	**7.7**	**7.7**	**8.1**	**7.7**	**7.8**	**7.7**	**7.7**	**7.8**	**8.0**	**7.3**
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	1.837	1.820	1.823	1.855	1.868	1.882	1.855	1.835	1.838	2.102	2.007	1.973
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.3**	**7.3**	**7.3**	**7.4**	**7.5**	**7.5**	**7.4**	**7.3**	**7.4**	**8.4**	**8.0**	**7.9**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful opportunities	24.0	16.0	40.0	24.0	46.0	33.0	36.0	34.0
Total opportunities	24.0	16.0	40.0	24.0	46.0	34.0	36.0	34.0
Indicator value	**97.1%**	**96.8%**	**99.2%**	**99.2%**	**100.0%**	**99.6%**	**99.5%**	**99.6%**

Licensee Comments:

2Q/09: Numerical corrections made to "Successful drill, exer & event opportunities" and "Total drill, exer & event opportunities" for May 2009.

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	63.0	67.0	64.0	64.0	63.0	65.0	65.0	71.0
Total Key personnel	64.0	68.0	64.0	64.0	64.0	65.0	65.0	71.0
Indicator value	**98.4%**	**98.5%**	**100.0%**	**100.0%**	**98.4%**	**100.0%**	**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	4970	4972	5037	4963	4900	4978	5064	4983
Total sirens-tests	4992	4992	5070	4992	4914	4992	5070	4992
Indicator value	**99.6%**	**99.6%**	**99.6%**	**99.5%**	**99.5%**	**99.5%**	**99.7%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

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

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

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

Licensee Comments: none

Security information not publicly available.

Last Modified: January 22, 2010

Dresden 3

1Q/2010 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2184.0	2208.0	1804.0	2159.0	2145.0	2208.0	2145.7	2159.0
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	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	1.0	0	0	0	1.0	1.0	1.0
Critical hours	2184.0	2208.0	1804.0	2159.0	2145.0	2208.0	2145.7	2159.0
Indicator value	**0**	**0.8**	**0.9**	**0.8**	**0.8**	**0.8**	**1.6**	**2.4**

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 (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments:

1Q/10: LER 237/2009-007-00, " Reactor Protection System Nonconformance to a Design Standard," submitted on 1/22/2010.

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)	-4.00E-09	-4.00E-09	-4.00E-09	-4.00E-09	-2.40E-09	-2.10E-09	5.10E-10	-4.44E-11
URI (ΔCDF)	6.40E-08	6.40E-08	6.50E-08	6.10E-08	1.70E-07	1.60E-07	2.70E-08	4.88E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.00E-08**	**6.00E-08**	**6.10E-08**	**5.70E-08**	**1.68E-07**	**1.58E-07**	**2.75E-08**	**4.80E-09**

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	-1.40E-09	-1.40E-09	1.10E-08	1.20E-08	1.70E-09	1.70E-09	2.50E-08	-2.00E-09
URI (ΔCDF)	-9.90E-09	-9.90E-09	-9.90E-09	-1.00E-08	-1.00E-08	-1.00E-08	-1.10E-08	-8.24E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.13E-08**	**-1.13E-08**	**1.10E-09**	**2.00E-09**	**-8.30E-09**	**-8.30E-09**	**1.40E-08**	**-1.00E-08**

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (ΔCDF)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-6.25E-09
URI (ΔCDF)	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.80E-11	-1.13E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.37E-09**	**-6.40E-09**

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	-1.30E-09	-1.30E-09	-1.30E-09	-1.20E-09	-1.30E-09	-1.30E-09	-1.30E-09	-4.75E-10
URI (ΔCDF)	-1.60E-09	-1.60E-09	-1.70E-09	-1.80E-09	-1.70E-09	-1.70E-09	-1.70E-09	-5.44E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-09**	**-2.90E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-1.00E-09**

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**2Q/08**	**3Q/08**	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-11	1.10E-11	8.32E-12
URI (ΔCDF)	-2.00E-11	-1.90E-11	-2.00E-11	-2.10E-11	-2.10E-11	-2.10E-11	-2.10E-11	-1.12E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-11**	**-1.90E-11**	**-2.00E-11**	**-2.10E-11**	**-2.10E-11**	**-1.00E-11**	**-1.00E-11**	**-2.80E-12**

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

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	0.000032	0.000033	0.000016	0.000028	0.000028	0.000034	0.000013	0.000015	0.000014	0.000023	0.000016	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
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	0.000016	0.000015	0.000015	0.000014	0.000012	0.000013	0.000012	0.000020	0.000011	0.000008	0.000007	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/08**	**5/08**	**6/08**	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**
Maximum leakage	1.918	2.018	1.937	1.942	1.922	1.935	1.950	2.012	1.833	1.837	1.820	1.823
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.7**	**8.1**	**7.7**	**7.8**	**7.7**	**7.7**	**7.8**	**8.0**	**7.3**	**7.3**	**7.3**	**7.3**
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	1.855	1.868	1.882	1.855	1.835	1.838	2.102	2.007	1.973	1.747	1.753	1.603
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.4**	**7.5**	**7.5**	**7.4**	**7.3**	**7.4**	**8.4**	**8.0**	**7.9**	**7.0**	**7.0**	**6.4**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	16.0	40.0	24.0	46.0	33.0	36.0	34.0	41.0
Total opportunities	16.0	40.0	24.0	46.0	34.0	36.0	34.0	42.0
Indicator value	**96.8%**	**99.2%**	**99.2%**	**100.0%**	**99.6%**	**99.5%**	**99.6%**	**99.3%**

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	67.0	64.0	64.0	63.0	65.0	65.0	71.0	72.0
Total Key personnel	68.0	64.0	64.0	64.0	65.0	65.0	71.0	72.0
Indicator value	**98.5%**	**100.0%**	**100.0%**	**98.4%**	**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/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	4972	5037	4963	4900	4978	5064	4983	2893
Total sirens-tests	4992	5070	4992	4914	4992	5070	4992	2898
Indicator value	**99.6%**	**99.6%**	**99.5%**	**99.5%**	**99.5%**	**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/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: April 26, 2010

Dresden 3

2Q/2010 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2208.0	1804.0	2159.0	2145.0	2208.0	2145.7	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.8**	**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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	1.0	0	0	0	1.0	1.0	1.0	0
Critical hours	2208.0	1804.0	2159.0	2145.0	2208.0	2145.7	2159.0	2184.0
Indicator value	**0.8**	**0.9**	**0.8**	**0.8**	**0.8**	**1.6**	**2.4**	**2.4**

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 (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (ΔCDF)	-4.00E-09	-4.00E-09	-4.00E-09	-2.40E-09	-2.10E-09	5.10E-10	-4.44E-11	-4.44E-11
URI (ΔCDF)	6.40E-08	6.50E-08	6.10E-08	1.70E-07	1.60E-07	2.70E-08	4.88E-09	4.87E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.00E-08**	**6.10E-08**	**5.70E-08**	**1.68E-07**	**1.58E-07**	**2.75E-08**	**4.80E-09**	**4.80E-09**

Licensee Comments:

1Q/10: A scheduled periodic update of the PRA models was performed in 2009 and completed on October 30, 2009. Separate PRA models exist for Unit 2 and 3, but the base PRA results for Units 2 and 3 are nearly identical. Therefore, the current MSPI calculations for Unit 2 are applied to Unit 3. CDE changes effective for the first quarter of 2010 were made to incorporate updated PRA coefficients and PRA Base Core Damage Frequency.

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)	-1.40E-09	1.10E-08	1.20E-08	1.70E-09	1.70E-09	2.50E-08	-2.00E-09	-1.32E-08
URI (ΔCDF)	-9.90E-09	-9.90E-09	-1.00E-08	-1.00E-08	-1.00E-08	-1.10E-08	-8.24E-09	-6.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.13E-08**	**1.10E-09**	**2.00E-09**	**-8.30E-09**	**-8.30E-09**	**1.40E-08**	**-1.00E-08**	**-7.90E-08**

Licensee Comments:

1Q/10: A scheduled periodic update of the PRA models was performed in 2009 and completed on October 30, 2009. Separate PRA models exist for Unit 2 and 3, but the base PRA results for Units 2 and 3 are nearly identical. Therefore, the current MSPI calculations for Unit 2 are applied to Unit 3. CDE changes effective for the first quarter of 2010 were made to incorporate updated PRA coefficients and PRA Base Core Damage Frequency.

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)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-6.25E-09	-6.25E-09
URI (ΔCDF)	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.80E-11	-1.13E-10	-1.13E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.37E-09**	**-6.40E-09**	**-6.40E-09**

Licensee Comments:

1Q/10: A scheduled periodic update of the PRA models was performed in 2009 and completed on October 30, 2009. Separate PRA models exist for Unit 2 and 3, but the base PRA results for Units 2 and 3 are nearly identical. Therefore, the current MSPI calculations for Unit 2 are applied to Unit 3. CDE changes effective for the first quarter of 2010 were made to incorporate updated PRA coefficients and PRA Base Core Damage Frequency.

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)	-1.30E-09	-1.30E-09	-1.20E-09	-1.30E-09	-1.30E-09	-1.30E-09	-4.75E-10	2.63E-10
URI (ΔCDF)	-1.60E-09	-1.70E-09	-1.80E-09	-1.70E-09	-1.70E-09	-1.70E-09	-5.44E-10	-5.39E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-1.00E-09**	**-2.80E-10**

Licensee Comments:

1Q/10: A scheduled periodic update of the PRA models was performed in 2009 and completed on October 30, 2009. Separate PRA models exist for Unit 2 and 3, but the base PRA results for Units 2 and 3 are nearly identical. Therefore, the current MSPI calculations for Unit 2 are applied to Unit 3. CDE changes effective for the first quarter of 2010 were made to incorporate updated PRA coefficients and PRA Base Core Damage Frequency.

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)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-11	1.10E-11	8.32E-12	8.32E-12
URI (ΔCDF)	-1.90E-11	-2.00E-11	-2.10E-11	-2.10E-11	-2.10E-11	-2.10E-11	-1.12E-11	-1.14E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.90E-11**	**-2.00E-11**	**-2.10E-11**	**-2.10E-11**	**-1.00E-11**	**-1.00E-11**	**-2.80E-12**	**-3.10E-12**

Licensee Comments:

1Q/10: A scheduled periodic update of the PRA models was performed in 2009 and completed on October 30, 2009. Separate PRA models exist for Unit 2 and 3, but the base PRA results for Units 2 and 3 are nearly identical. Therefore, the current MSPI calculations for Unit 2 are applied to Unit 3. CDE changes effective for the first quarter of 2010 were made to incorporate updated PRA coefficients and PRA Base Core Damage Frequency.

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	0.000028	0.000028	0.000034	0.000013	0.000015	0.000014	0.000023	0.000016	0.000011	0.000016	0.000015	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**
Maximum activity	0.000014	0.000012	0.000013	0.000012	0.000020	0.000011	0.000008	0.000007	0.000010	0.000009	0.000010	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/08**	**8/08**	**9/08**	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**
Maximum leakage	1.942	1.922	1.935	1.950	2.012	1.833	1.837	1.820	1.823	1.855	1.868	1.882
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.8**	**7.7**	**7.7**	**7.8**	**8.0**	**7.3**	**7.3**	**7.3**	**7.3**	**7.4**	**7.5**	**7.5**
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	1.855	1.835	1.838	2.102	2.007	1.973	1.747	1.753	1.603	1.805	1.807	1.752
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.4**	**7.3**	**7.4**	**8.4**	**8.0**	**7.9**	**7.0**	**7.0**	**6.4**	**7.2**	**7.2**	**7.0**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	40.0	24.0	46.0	33.0	36.0	34.0	41.0	39.0
Total opportunities	40.0	24.0	46.0	34.0	36.0	34.0	42.0	40.0
Indicator value	**99.2%**	**99.2%**	**100.0%**	**99.6%**	**99.5%**	**99.6%**	**99.3%**	**99.0%**

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	64.0	64.0	63.0	65.0	65.0	71.0	72.0	71.0
Total Key personnel	64.0	64.0	64.0	65.0	65.0	71.0	72.0	71.0
Indicator value	**100.0%**	**100.0%**	**98.4%**	**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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	5037	4963	4900	4978	5064	4983	2893	2929
Total sirens-tests	5070	4992	4914	4992	5070	4992	2898	2944
Indicator value	**99.6%**	**99.5%**	**99.5%**	**99.5%**	**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/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: July 26, 2010

Dresden 3

3Q/2010 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	1804.0	2159.0	2145.0	2208.0	2145.7	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0.8**	**0.8**	**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	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned power changes	0	0	0	1.0	1.0	1.0	0	0
Critical hours	1804.0	2159.0	2145.0	2208.0	2145.7	2159.0	2184.0	2208.0
Indicator value	**0.9**	**0.8**	**0.8**	**0.8**	**1.6**	**2.4**	**2.4**	**1.6**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	-4.00E-09	-4.00E-09	-2.40E-09	-2.10E-09	5.10E-10	-4.44E-11	-4.44E-11	-4.48E-11
URI (ΔCDF)	6.50E-08	6.10E-08	1.70E-07	1.60E-07	2.70E-08	4.88E-09	4.87E-09	4.86E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**6.10E-08**	**5.70E-08**	**1.68E-07**	**1.58E-07**	**2.75E-08**	**4.80E-09**	**4.80E-09**	**4.80E-09**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**
UAI (ΔCDF)	1.10E-08	1.20E-08	1.70E-09	1.70E-09	2.50E-08	-2.00E-09	-1.32E-08	-3.14E-08
URI (ΔCDF)	-9.90E-09	-1.00E-08	-1.00E-08	-1.00E-08	-1.10E-08	-8.24E-09	-6.57E-08	-6.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.10E-09**	**2.00E-09**	**-8.30E-09**	**-8.30E-09**	**1.40E-08**	**-1.00E-08**	**-7.90E-08**	**-9.70E-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/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (ΔCDF)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-6.25E-09	-6.25E-09	-6.25E-09
URI (ΔCDF)	-6.00E-11	-6.00E-11	-6.00E-11	-6.00E-11	-6.80E-11	-1.13E-10	-1.13E-10	-1.13E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.37E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-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	**4Q/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**
UAI (ΔCDF)	-1.30E-09	-1.20E-09	-1.30E-09	-1.30E-09	-1.30E-09	-4.75E-10	2.63E-10	2.60E-10
URI (ΔCDF)	-1.70E-09	-1.80E-09	-1.70E-09	-1.70E-09	-1.70E-09	-5.44E-10	-5.39E-10	-5.46E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-1.00E-09**	**-2.80E-10**	**-2.90E-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/08**	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**
UAI (ΔCDF)	0.00E+00	0.00E+00	0.00E+00	1.10E-11	1.10E-11	8.32E-12	8.32E-12	8.32E-12
URI (ΔCDF)	-2.00E-11	-2.10E-11	-2.10E-11	-2.10E-11	-2.10E-11	-1.12E-11	-1.14E-11	-1.15E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.00E-11**	**-2.10E-11**	**-2.10E-11**	**-1.00E-11**	**-1.00E-11**	**-2.80E-12**	**-3.10E-12**	**-3.20E-12**

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	0.000013	0.000015	0.000014	0.000023	0.000016	0.000011	0.000016	0.000015	0.000015	0.000014	0.000012	0.000013
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**
Maximum activity	0.000012	0.000020	0.000011	0.000008	0.000007	0.000010	0.000009	0.000010	0.000006	0.000006	0.000007	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/08**	**11/08**	**12/08**	**1/09**	**2/09**	**3/09**	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**
Maximum leakage	1.950	2.012	1.833	1.837	1.820	1.823	1.855	1.868	1.882	1.855	1.835	1.838
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.8**	**8.0**	**7.3**	**7.3**	**7.3**	**7.3**	**7.4**	**7.5**	**7.5**	**7.4**	**7.3**	**7.4**
Reactor Coolant System Leakage	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**
Maximum leakage	2.102	2.007	1.973	1.747	1.753	1.603	1.805	1.807	1.752	1.830	1.805	1.818
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.4**	**8.0**	**7.9**	**7.0**	**7.0**	**6.4**	**7.2**	**7.2**	**7.0**	**7.3**	**7.2**	**7.3**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful opportunities	24.0	46.0	33.0	36.0	34.0	41.0	39.0	6.0
Total opportunities	24.0	46.0	34.0	36.0	34.0	42.0	40.0	6.0
Indicator value	**99.2%**	**100.0%**	**99.6%**	**99.5%**	**99.6%**	**99.3%**	**99.0%**	**98.9%**

Licensee Comments: none

ERO Drill Participation

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	64.0	63.0	65.0	65.0	71.0	72.0	71.0	66.0
Total Key personnel	64.0	64.0	65.0	65.0	71.0	72.0	71.0	68.0
Indicator value	**100.0%**	**98.4%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.1%**

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	4963	4900	4978	5064	4983	2893	2929	2979
Total sirens-tests	4992	4914	4992	5070	4992	2898	2944	2989
Indicator value	**99.5%**	**99.5%**	**99.5%**	**99.7%**	**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/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: October 25, 2010

Dresden 3

4Q/2010 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned scrams	0	0	0	1.0	0	0	0	1.0
Critical hours	2159.0	2145.0	2208.0	2145.7	2159.0	2184.0	2208.0	1568.7
Indicator value	**0**	**0**	**0**	**0.8**	**0.8**	**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	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned power changes	0	0	1.0	1.0	1.0	0	0	1.0
Critical hours	2159.0	2145.0	2208.0	2145.7	2159.0	2184.0	2208.0	1568.7
Indicator value	**0.8**	**0.8**	**0.8**	**1.6**	**2.4**	**2.4**	**1.6**	**1.7**

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 (BWR)

Thresholds: White > 6.0

Notes

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

Licensee Comments:

4Q/10: Licensee Event Report 249/2010-002-00, "MSIV Leakage Exceeds Technical Specifications Allowable Limits," submitted on 12/29/2010

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)	-4.00E-09	-2.40E-09	-2.10E-09	5.10E-10	-4.44E-11	-4.44E-11	-4.48E-11	-3.24E-11
URI (ΔCDF)	6.10E-08	1.70E-07	1.60E-07	2.70E-08	4.88E-09	4.87E-09	4.86E-09	5.08E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.70E-08**	**1.68E-07**	**1.58E-07**	**2.75E-08**	**4.80E-09**	**4.80E-09**	**4.80E-09**	**5.00E-09**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**1Q/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	1.20E-08	1.70E-09	1.70E-09	2.50E-08	-2.00E-09	-1.32E-08	-3.14E-08	-2.55E-08
URI (ΔCDF)	-1.00E-08	-1.00E-08	-1.00E-08	-1.10E-08	-8.24E-09	-6.57E-08	-6.57E-08	-6.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.00E-09**	**-8.30E-09**	**-8.30E-09**	**1.40E-08**	**-1.00E-08**	**-7.90E-08**	**-9.70E-08**	**-9.10E-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	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (ΔCDF)	-4.30E-09	-4.30E-09	-4.30E-09	-4.30E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09
URI (ΔCDF)	-6.00E-11	-6.00E-11	-6.00E-11	-6.80E-11	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.36E-09**	**-4.36E-09**	**-4.36E-09**	**-4.37E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-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/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	-1.20E-09	-1.30E-09	-1.30E-09	-1.30E-09	-4.75E-10	2.63E-10	2.60E-10	3.47E-10
URI (ΔCDF)	-1.80E-09	-1.70E-09	-1.70E-09	-1.70E-09	-5.44E-10	-5.39E-10	-5.46E-10	-5.66E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-1.00E-09**	**-2.80E-10**	**-2.90E-10**	**-2.20E-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/09**	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**
UAI (ΔCDF)	0.00E+00	0.00E+00	1.10E-11	1.10E-11	8.32E-12	8.32E-12	8.32E-12	1.45E-10
URI (ΔCDF)	-2.10E-11	-2.10E-11	-2.10E-11	-2.10E-11	-1.12E-11	-1.14E-11	-1.15E-11	-1.16E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-11**	**-2.10E-11**	**-1.00E-11**	**-1.00E-11**	**-2.80E-12**	**-3.10E-12**	**-3.20E-12**	**1.30E-10**

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	0.000023	0.000016	0.000011	0.000016	0.000015	0.000015	0.000014	0.000012	0.000013	0.000012	0.000020	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**
Maximum activity	0.000008	0.000007	0.000010	0.000009	0.000010	0.000006	0.000006	0.000007	0.000015	0.000008	0.000004	0.000013
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	1.837	1.820	1.823	1.855	1.868	1.882	1.855	1.835	1.838	2.102	2.007	1.973
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.3**	**7.3**	**7.3**	**7.4**	**7.5**	**7.5**	**7.4**	**7.3**	**7.4**	**8.4**	**8.0**	**7.9**
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	2.013	1.982	1.867	2.035	2.028	1.978	2.057	2.038	2.048	2.103	1.535	1.938
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.1**	**7.9**	**7.5**	**8.1**	**8.1**	**7.9**	**8.2**	**8.2**	**8.2**	**8.4**	**6.1**	**7.8**

Licensee Comments:

9/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

6/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

3/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

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	46.0	33.0	36.0	34.0	41.0	39.0	6.0	8.0
Total opportunities	46.0	34.0	36.0	34.0	42.0	40.0	6.0	8.0
Indicator value	**100.0%**	**99.6%**	**99.5%**	**99.6%**	**99.3%**	**99.0%**	**98.9%**	**98.8%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	63.0	65.0	65.0	71.0	72.0	71.0	66.0	68.0
Total Key personnel	64.0	65.0	65.0	71.0	72.0	71.0	68.0	68.0
Indicator value	**98.4%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.1%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	4900	4978	5064	4983	2893	2929	2979	2988
Total sirens-tests	4914	4992	5070	4992	2898	2944	2989	2990
Indicator value	**99.5%**	**99.5%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**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/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

Dresden 3

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	1.0	0
Critical hours	2145.0	2208.0	2145.7	2159.0	2184.0	2208.0	1568.7	2159.0
Indicator value	**0**	**0**	**0.8**	**0.8**	**0.8**	**0.8**	**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	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	1.0	1.0	1.0	0	0	1.0	0
Critical hours	2145.0	2208.0	2145.7	2159.0	2184.0	2208.0	1568.7	2159.0
Indicator value	**0.8**	**0.8**	**1.6**	**2.4**	**2.4**	**1.6**	**1.7**	**0.9**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Safety System Functional Failures	1	1	0	2	0	0	1	1
Indicator value	**2**	**3**	**2**	**4**	**3**	**2**	**3**	**2**

Licensee Comments:

1Q/11: Licensee Event Report 249/2010-003-00, "Steam Leak Results in HPCI Inoperability," submitted on 1/25/2011

1Q/10: LER 237/2009-007-00, " Reactor Protection System Nonconformance to a Design Standard," submitted on 1/22/2010. LER 237/2009-006-00, " Failure of Main Control Room Ventilation Due to Breaker Malfunction" submitted on 1/22/2010 for Unit 2 only. Supplemental LER 237/2009-006-01, "Supplement to Failure of Main Control Room Ventilation Due to Breaker Malfunction," submitted on 12/17/2010 for Unit 2 and Unit 3. Supplemental LER resulted in revising Unit 3 SSFF number for January 2010 from 1 (previously reported) to 2.

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)	-2.40E-09	-2.10E-09	5.10E-10	-4.44E-11	-4.44E-11	-4.48E-11	-3.24E-11	-3.59E-11
URI (ΔCDF)	1.70E-07	1.60E-07	2.70E-08	4.88E-09	4.87E-09	4.86E-09	5.08E-09	5.07E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.68E-07**	**1.58E-07**	**2.75E-08**	**4.80E-09**	**4.80E-09**	**4.80E-09**	**5.00E-09**	**5.00E-09**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	1.70E-09	1.70E-09	2.50E-08	-2.00E-09	-1.32E-08	-3.14E-08	-2.55E-08	-1.24E-08
URI (ΔCDF)	-1.00E-08	-1.00E-08	-1.10E-08	-8.24E-09	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.30E-09**	**-8.30E-09**	**1.40E-08**	**-1.00E-08**	**-7.90E-08**	**-9.70E-08**	**-9.10E-08**	**-7.80E-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	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (ΔCDF)	-4.30E-09	-4.30E-09	-4.30E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09
URI (ΔCDF)	-6.00E-11	-6.00E-11	-6.80E-11	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.36E-09**	**-4.36E-09**	**-4.37E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-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	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	-1.30E-09	-1.30E-09	-1.30E-09	-4.75E-10	2.63E-10	2.60E-10	3.47E-10	3.56E-10
URI (ΔCDF)	-1.70E-09	-1.70E-09	-1.70E-09	-5.44E-10	-5.39E-10	-5.46E-10	-5.66E-10	-5.62E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-09**	**-3.00E-09**	**-3.00E-09**	**-1.00E-09**	**-2.80E-10**	**-2.90E-10**	**-2.20E-10**	**-2.10E-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	**2Q/09**	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**
UAI (ΔCDF)	0.00E+00	1.10E-11	1.10E-11	8.32E-12	8.32E-12	8.32E-12	1.45E-10	1.44E-10
URI (ΔCDF)	-2.10E-11	-2.10E-11	-2.10E-11	-1.12E-11	-1.14E-11	-1.15E-11	-1.16E-11	-1.15E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-11**	**-1.00E-11**	**-1.00E-11**	**-2.80E-12**	**-3.10E-12**	**-3.20E-12**	**1.30E-10**	**1.30E-10**

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	0.000016	0.000015	0.000015	0.000014	0.000012	0.000013	0.000012	0.000020	0.000011	0.000008	0.000007	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**
Maximum activity	0.000009	0.000010	0.000006	0.000006	0.000007	0.000015	0.000008	0.000004	0.000013	0.000007	0.000007	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/09**	**5/09**	**6/09**	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**
Maximum leakage	1.855	1.868	1.882	1.855	1.835	1.838	2.102	2.007	1.973	2.013	1.982	1.867
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.4**	**7.5**	**7.5**	**7.4**	**7.3**	**7.4**	**8.4**	**8.0**	**7.9**	**8.1**	**7.9**	**7.5**
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	2.035	2.028	1.978	2.057	2.038	2.048	2.103	1.535	1.938	1.668	1.635	1.648
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.1**	**8.1**	**7.9**	**8.2**	**8.2**	**8.2**	**8.4**	**6.1**	**7.8**	**6.7**	**6.5**	**6.6**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	33.0	36.0	34.0	41.0	39.0	6.0	8.0	63.0
Total opportunities	34.0	36.0	34.0	42.0	40.0	6.0	8.0	64.0
Indicator value	**99.6%**	**99.5%**	**99.6%**	**99.3%**	**99.0%**	**98.9%**	**98.8%**	**98.5%**

Licensee Comments: none

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	65.0	65.0	71.0	72.0	71.0	66.0	68.0	70.0
Total Key personnel	65.0	65.0	71.0	72.0	71.0	68.0	68.0	70.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.1%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	4978	5064	4983	2893	2929	2979	2988	2940
Total sirens-tests	4992	5070	4992	2898	2944	2990	2990	2944
Indicator value	**99.5%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: May 4, 2011

Dresden 3

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	1.0	0	0
Critical hours	2208.0	2145.7	2159.0	2184.0	2208.0	1568.7	2159.0	2184.0
Indicator value	**0**	**0.8**	**0.8**	**0.8**	**0.8**	**0.9**	**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/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	1.0	1.0	1.0	0	0	1.0	0	0
Critical hours	2208.0	2145.7	2159.0	2184.0	2208.0	1568.7	2159.0	2184.0
Indicator value	**0.8**	**1.6**	**2.4**	**2.4**	**1.6**	**1.7**	**0.9**	**0.9**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Safety System Functional Failures	1	0	2	0	0	1	1	0
Indicator value	**3**	**2**	**4**	**3**	**2**	**3**	**2**	**2**

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	-2.10E-09	5.10E-10	-4.44E-11	-4.44E-11	-4.48E-11	-3.24E-11	-3.59E-11	-9.16E-11
URI (ΔCDF)	1.60E-07	2.70E-08	4.88E-09	4.87E-09	4.86E-09	5.08E-09	5.07E-09	8.08E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.58E-07**	**2.75E-08**	**4.80E-09**	**4.80E-09**	**4.80E-09**	**5.00E-09**	**5.00E-09**	**7.20E-10**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	1.70E-09	2.50E-08	-2.00E-09	-1.32E-08	-3.14E-08	-2.55E-08	-1.24E-08	-1.92E-09
URI (ΔCDF)	-1.00E-08	-1.10E-08	-8.24E-09	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.30E-09**	**1.40E-08**	**-1.00E-08**	**-7.90E-08**	**-9.70E-08**	**-9.10E-08**	**-7.80E-08**	**-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/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	-4.30E-09	-4.30E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09
URI (ΔCDF)	-6.00E-11	-6.80E-11	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.36E-09**	**-4.37E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-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	**3Q/09**	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**
UAI (ΔCDF)	-1.30E-09	-1.30E-09	-4.75E-10	2.63E-10	2.60E-10	3.47E-10	3.56E-10	-1.23E-10
URI (ΔCDF)	-1.70E-09	-1.70E-09	-5.44E-10	-5.39E-10	-5.46E-10	-5.66E-10	-5.62E-10	-5.49E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-09**	**-3.00E-09**	**-1.00E-09**	**-2.80E-10**	**-2.90E-10**	**-2.20E-10**	**-2.10E-10**	**-6.70E-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/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (ΔCDF)	1.10E-11	1.10E-11	8.32E-12	8.32E-12	8.32E-12	1.45E-10	1.44E-10	2.02E-10
URI (ΔCDF)	-2.10E-11	-2.10E-11	-1.12E-11	-1.14E-11	-1.15E-11	-1.16E-11	-1.15E-11	-1.10E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-11**	**-1.00E-11**	**-2.80E-12**	**-3.10E-12**	**-3.20E-12**	**1.30E-10**	**1.30E-10**	**1.90E-10**

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	0.000014	0.000012	0.000013	0.000012	0.000020	0.000011	0.000008	0.000007	0.000010	0.000009	0.000010	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**
Maximum activity	0.000006	0.000007	0.000015	0.000008	0.000004	0.000013	0.000007	0.000007	0.000005	0.000005	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/09**	**8/09**	**9/09**	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**
Maximum leakage	1.855	1.835	1.838	2.102	2.007	1.973	2.013	1.982	1.867	2.035	2.028	1.978
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**7.4**	**7.3**	**7.4**	**8.4**	**8.0**	**7.9**	**8.1**	**7.9**	**7.5**	**8.1**	**8.1**	**7.9**
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	2.057	2.038	2.048	2.103	1.535	1.938	1.668	1.635	1.648	1.633	1.647	1.657
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.2**	**8.2**	**8.2**	**8.4**	**6.1**	**7.8**	**6.7**	**6.5**	**6.6**	**6.5**	**6.6**	**6.6**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	36.0	34.0	41.0	39.0	6.0	8.0	63.0	46.0
Total opportunities	36.0	34.0	42.0	40.0	6.0	8.0	64.0	46.0
Indicator value	**99.5%**	**99.6%**	**99.3%**	**99.0%**	**98.9%**	**98.8%**	**98.5%**	**98.9%**

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	65.0	71.0	72.0	71.0	66.0	68.0	70.0	71.0
Total Key personnel	65.0	71.0	72.0	71.0	68.0	68.0	70.0	71.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**97.1%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	5064	4983	2893	2929	2979	2988	2940	2936
Total sirens-tests	5070	4992	2898	2944	2990	2990	2944	2944
Indicator value	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: July 22, 2011

Dresden 3

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	1.0	0	0	0
Critical hours	2145.7	2159.0	2184.0	2208.0	1568.7	2159.0	2184.0	2208.0
Indicator value	**0.8**	**0.8**	**0.8**	**0.8**	**0.9**	**0.9**	**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	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	1.0	1.0	0	0	1.0	0	0	0
Critical hours	2145.7	2159.0	2184.0	2208.0	1568.7	2159.0	2184.0	2208.0
Indicator value	**1.6**	**2.4**	**2.4**	**1.6**	**1.7**	**0.9**	**0.9**	**0.9**

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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Safety System Functional Failures	0	2	0	0	1	1	0	1
Indicator value	**2**	**4**	**3**	**2**	**3**	**2**	**2**	**3**

Licensee Comments:

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

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)	5.10E-10	-4.44E-11	-4.44E-11	-4.48E-11	-3.24E-11	-3.59E-11	-9.16E-11	3.75E-10
URI (ΔCDF)	2.70E-08	4.88E-09	4.87E-09	4.86E-09	5.08E-09	5.07E-09	8.08E-10	2.54E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.75E-08**	**4.80E-09**	**4.80E-09**	**4.80E-09**	**5.00E-09**	**5.00E-09**	**7.20E-10**	**2.90E-09**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	2.50E-08	-2.00E-09	-1.32E-08	-3.14E-08	-2.55E-08	-1.24E-08	-1.92E-09	1.66E-08
URI (ΔCDF)	-1.10E-08	-8.24E-09	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.40E-08**	**-1.00E-08**	**-7.90E-08**	**-9.70E-08**	**-9.10E-08**	**-7.80E-08**	**-6.80E-08**	**-4.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	-4.30E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09
URI (ΔCDF)	-6.80E-11	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.37E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-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	**4Q/09**	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**
UAI (ΔCDF)	-1.30E-09	-4.75E-10	2.63E-10	2.60E-10	3.47E-10	3.56E-10	-1.23E-10	-1.23E-10
URI (ΔCDF)	-1.70E-09	-5.44E-10	-5.39E-10	-5.46E-10	-5.66E-10	-5.62E-10	-5.49E-10	-5.51E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.00E-09**	**-1.00E-09**	**-2.80E-10**	**-2.90E-10**	**-2.20E-10**	**-2.10E-10**	**-6.70E-10**	**-6.70E-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/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (ΔCDF)	1.10E-11	8.32E-12	8.32E-12	8.32E-12	1.45E-10	1.44E-10	2.02E-10	2.02E-10
URI (ΔCDF)	-2.10E-11	-1.12E-11	-1.14E-11	-1.15E-11	-1.16E-11	-1.15E-11	-1.10E-11	-1.10E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-11**	**-2.80E-12**	**-3.10E-12**	**-3.20E-12**	**1.30E-10**	**1.30E-10**	**1.90E-10**	**1.90E-10**

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	0.000012	0.000020	0.000011	0.000008	0.000007	0.000010	0.000009	0.000010	0.000006	0.000006	0.000007	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**
Maximum activity	0.000008	0.000004	0.000013	0.000007	0.000007	0.000005	0.000005	0.000007	0.000008	0.000005	0.000011	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/09**	**11/09**	**12/09**	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**
Maximum leakage	2.102	2.007	1.973	2.013	1.982	1.867	2.035	2.028	1.978	2.057	2.038	2.048
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.4**	**8.0**	**7.9**	**8.1**	**7.9**	**7.5**	**8.1**	**8.1**	**7.9**	**8.2**	**8.2**	**8.2**
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	2.103	1.535	1.938	1.668	1.635	1.648	1.633	1.647	1.657	1.670	1.690	1.675
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.4**	**6.1**	**7.8**	**6.7**	**6.5**	**6.6**	**6.5**	**6.6**	**6.6**	**6.7**	**6.8**	**6.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	34.0	41.0	39.0	6.0	8.0	63.0	46.0	62.0
Total opportunities	34.0	42.0	40.0	6.0	8.0	64.0	46.0	62.0
Indicator value	**99.6%**	**99.3%**	**99.0%**	**98.9%**	**98.8%**	**98.5%**	**98.9%**	**99.0%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	71.0	72.0	71.0	66.0	68.0	70.0	71.0	74.0
Total Key personnel	71.0	72.0	71.0	68.0	68.0	70.0	71.0	76.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**97.1%**	**100.0%**	**100.0%**	**100.0%**	**97.4%**

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	4983	2893	2929	2979	2988	2940	2936	2940
Total sirens-tests	4992	2898	2944	2990	2990	2944	2944	2944
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: November 29, 2011

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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	1.0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1568.7	2159.0	2184.0	2208.0	2209.0
Indicator value	**0.8**	**0.8**	**0.8**	**0.9**	**0.9**	**0.9**	**0.9**	**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	1.0	0	0	1.0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1568.7	2159.0	2184.0	2208.0	2209.0
Indicator value	**2.4**	**2.4**	**1.6**	**1.7**	**0.9**	**0.9**	**0.9**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

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

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Safety System Functional Failures	2	0	0	1	1	0	1	1
Indicator value	**4**	**3**	**2**	**3**	**2**	**2**	**3**	**3**

Licensee Comments:

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

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)	-4.44E-11	-4.44E-11	-4.48E-11	-3.24E-11	-3.59E-11	-9.16E-11	3.75E-10	5.54E-10
URI (ΔCDF)	4.88E-09	4.87E-09	4.86E-09	5.08E-09	5.07E-09	8.08E-10	2.54E-09	2.37E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.80E-09**	**4.80E-09**	**4.80E-09**	**5.00E-09**	**5.00E-09**	**7.20E-10**	**2.90E-09**	**2.90E-09**

Licensee Comments:

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (ΔCDF)	-2.00E-09	-1.32E-08	-3.14E-08	-2.55E-08	-1.24E-08	-1.92E-09	1.66E-08	-2.60E-08
URI (ΔCDF)	-8.24E-09	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-08**	**-7.90E-08**	**-9.70E-08**	**-9.10E-08**	**-7.80E-08**	**-6.80E-08**	**-4.90E-08**	**-9.20E-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	**1Q/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09
URI (ΔCDF)	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-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/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	-4.75E-10	2.63E-10	2.60E-10	3.47E-10	3.56E-10	-1.23E-10	-1.23E-10	-1.47E-10
URI (ΔCDF)	-5.44E-10	-5.39E-10	-5.46E-10	-5.66E-10	-5.62E-10	-5.49E-10	-5.51E-10	-5.16E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-09**	**-2.80E-10**	**-2.90E-10**	**-2.20E-10**	**-2.10E-10**	**-6.70E-10**	**-6.70E-10**	**-6.60E-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/10**	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**
UAI (ΔCDF)	8.32E-12	8.32E-12	8.32E-12	1.45E-10	1.44E-10	2.02E-10	2.02E-10	1.99E-10
URI (ΔCDF)	-1.12E-11	-1.14E-11	-1.15E-11	-1.16E-11	-1.15E-11	-1.10E-11	-1.10E-11	-1.02E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-12**	**-3.10E-12**	**-3.20E-12**	**1.30E-10**	**1.30E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**

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	0.000008	0.000007	0.000010	0.000009	0.000010	0.000006	0.000006	0.000007	0.000015	0.000008	0.000004	0.000013
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**
Maximum activity	0.000007	0.000007	0.000005	0.000005	0.000007	0.000008	0.000005	0.000011	0.000011	0.000012	0.000012	0.000014
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/10**	**2/10**	**3/10**	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**
Maximum leakage	2.013	1.982	1.867	2.035	2.028	1.978	2.057	2.038	2.048	2.103	1.535	1.938
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.1**	**7.9**	**7.5**	**8.1**	**8.1**	**7.9**	**8.2**	**8.2**	**8.2**	**8.4**	**6.1**	**7.8**
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	1.668	1.635	1.648	1.633	1.647	1.657	1.670	1.690	1.675	1.672	1.637	1.675
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.7**	**6.5**	**6.6**	**6.5**	**6.6**	**6.6**	**6.7**	**6.8**	**6.7**	**6.7**	**6.5**	**6.7**

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	41.0	39.0	6.0	8.0	63.0	46.0	62.0	24.0
Total opportunities	42.0	40.0	6.0	8.0	64.0	46.0	62.0	24.0
Indicator value	**99.3%**	**99.0%**	**98.9%**	**98.8%**	**98.5%**	**98.9%**	**99.0%**	**99.0%**

Licensee Comments: none

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	72.0	71.0	66.0	68.0	70.0	71.0	74.0	74.0
Total Key personnel	72.0	71.0	68.0	68.0	70.0	71.0	76.0	74.0
Indicator value	**100.0%**	**100.0%**	**97.1%**	**100.0%**	**100.0%**	**100.0%**	**97.4%**	**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	2893	2929	2979	2988	2940	2936	2940	2940
Total sirens-tests	2898	2944	2990	2990	2944	2944	2944	2944
Indicator value	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: February 2, 2012

Dresden 3

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	1.0	0	0	0	0	0
Critical hours	2184.0	2208.0	1568.7	2159.0	2184.0	2208.0	2209.0	2183.0
Indicator value	**0.8**	**0.8**	**0.9**	**0.9**	**0.9**	**0.9**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2184.0	2208.0	1568.7	2159.0	2184.0	2208.0	2209.0	2183.0
Indicator value	**2.4**	**1.6**	**1.7**	**0.9**	**0.9**	**0.9**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Safety System Functional Failures (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	0	0	1	1	0	1	1	0
Indicator value	**3**	**2**	**3**	**2**	**2**	**3**	**3**	**2**

Licensee Comments:

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

1Q/11: Licensee Event Report 249/2010-003-00, "Steam Leak Results in HPCI Inoperability," submitted on 1/25/2011

4Q/10: Licensee Event Report 249/2010-002-00, "MSIV Leakage Exceeds Technical Specifications Allowable Limits," submitted on 12/29/2010

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)	-4.44E-11	-4.48E-11	-3.24E-11	-3.59E-11	-9.16E-11	3.75E-10	5.54E-10	1.54E-09
URI (ΔCDF)	4.87E-09	4.86E-09	5.08E-09	5.07E-09	8.08E-10	2.54E-09	2.37E-09	2.44E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.80E-09**	**4.80E-09**	**5.00E-09**	**5.00E-09**	**7.20E-10**	**2.90E-09**	**2.90E-09**	**4.00E-09**

Licensee Comments:

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**
UAI (ΔCDF)	-1.32E-08	-3.14E-08	-2.55E-08	-1.24E-08	-1.92E-09	1.66E-08	-2.60E-08	1.31E-09
URI (ΔCDF)	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.90E-08**	**-9.70E-08**	**-9.10E-08**	**-7.80E-08**	**-6.80E-08**	**-4.90E-08**	**-9.20E-08**	**-6.40E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09
URI (ΔCDF)	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-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	**2Q/10**	**3Q/10**	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**
UAI (ΔCDF)	2.63E-10	2.60E-10	3.47E-10	3.56E-10	-1.23E-10	-1.23E-10	-1.47E-10	-2.21E-10
URI (ΔCDF)	-5.39E-10	-5.46E-10	-5.66E-10	-5.62E-10	-5.49E-10	-5.51E-10	-5.16E-10	-4.80E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.80E-10**	**-2.90E-10**	**-2.20E-10**	**-2.10E-10**	**-6.70E-10**	**-6.70E-10**	**-6.60E-10**	**-7.00E-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	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (ΔCDF)	8.32E-12	8.32E-12	1.45E-10	1.44E-10	2.02E-10	2.02E-10	1.99E-10	1.98E-10
URI (ΔCDF)	-1.14E-11	-1.15E-11	-1.16E-11	-1.15E-11	-1.10E-11	-1.10E-11	-1.02E-11	-9.02E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.10E-12**	**-3.20E-12**	**1.30E-10**	**1.30E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**

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	0.000009	0.000010	0.000006	0.000006	0.000007	0.000015	0.000008	0.000004	0.000013	0.000007	0.000007	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**
Maximum activity	0.000005	0.000007	0.000008	0.000005	0.000011	0.000011	0.000012	0.000012	0.000014	0.000013	0.000013	0.000017
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/10**	**5/10**	**6/10**	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**
Maximum leakage	2.035	2.028	1.978	2.057	2.038	2.048	2.103	1.535	1.938	1.668	1.635	1.648
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.1**	**8.1**	**7.9**	**8.2**	**8.2**	**8.2**	**8.4**	**6.1**	**7.8**	**6.7**	**6.5**	**6.6**
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	1.633	1.647	1.657	1.670	1.690	1.675	1.672	1.637	1.675	1.657	1.648	1.663
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.5**	**6.6**	**6.6**	**6.7**	**6.8**	**6.7**	**6.7**	**6.5**	**6.7**	**6.6**	**6.6**	**6.7**

Licensee Comments:

9/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

6/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

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	39.0	6.0	8.0	63.0	46.0	62.0	24.0	48.0
Total opportunities	40.0	6.0	8.0	64.0	46.0	62.0	24.0	48.0
Indicator value	**99.0%**	**98.9%**	**98.8%**	**98.5%**	**98.9%**	**99.0%**	**99.0%**	**99.3%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	71.0	66.0	68.0	70.0	71.0	74.0	74.0	72.0
Total Key personnel	71.0	68.0	68.0	70.0	71.0	76.0	74.0	73.0
Indicator value	**100.0%**	**97.1%**	**100.0%**	**100.0%**	**100.0%**	**97.4%**	**100.0%**	**98.6%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	2929	2979	2988	2940	2936	2940	2940	2989
Total sirens-tests	2944	2990	2990	2944	2944	2944	2944	2990
Indicator value	**99.8%**	**99.7%**	**99.7%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Security information not publicly available.

Last Modified: April 24, 2012

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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	1.0	0	0	0	0	0	0
Critical hours	2208.0	1568.7	2159.0	2184.0	2208.0	2209.0	2183.0	2184.0
Indicator value	**0.8**	**0.9**	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2208.0	1568.7	2159.0	2184.0	2208.0	2209.0	2183.0	2184.0
Indicator value	**1.6**	**1.7**	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Safety System Functional Failures	0	1	1	0	1	1	0	0
Indicator value	**2**	**3**	**2**	**2**	**3**	**3**	**2**	**2**

Licensee Comments:

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

1Q/11: Licensee Event Report 249/2010-003-00, "Steam Leak Results in HPCI Inoperability," submitted on 1/25/2011

4Q/10: Licensee Event Report 249/2010-002-00, "MSIV Leakage Exceeds Technical Specifications Allowable Limits," submitted on 12/29/2010

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)	-4.48E-11	-3.24E-11	-3.59E-11	-9.16E-11	3.75E-10	5.54E-10	1.54E-09	6.07E-10
URI (ΔCDF)	4.86E-09	5.08E-09	5.07E-09	8.08E-10	2.54E-09	2.37E-09	2.44E-09	-1.60E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.80E-09**	**5.00E-09**	**5.00E-09**	**7.20E-10**	**2.90E-09**	**2.90E-09**	**4.00E-09**	**-1.00E-09**

Licensee Comments:

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-3.14E-08	-2.55E-08	-1.24E-08	-1.92E-09	1.66E-08	-2.60E-08	1.31E-09	2.62E-08
URI (ΔCDF)	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.56E-08	-6.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.70E-08**	**-9.10E-08**	**-7.80E-08**	**-6.80E-08**	**-4.90E-08**	**-9.20E-08**	**-6.40E-08**	**-3.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09
URI (ΔCDF)	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-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	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	2.60E-10	3.47E-10	3.56E-10	-1.23E-10	-1.23E-10	-1.47E-10	-2.21E-10	-3.25E-10
URI (ΔCDF)	-5.46E-10	-5.66E-10	-5.62E-10	-5.49E-10	-5.51E-10	-5.16E-10	-4.80E-10	-4.80E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.90E-10**	**-2.20E-10**	**-2.10E-10**	**-6.70E-10**	**-6.70E-10**	**-6.60E-10**	**-7.00E-10**	**-8.00E-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/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	8.32E-12	1.45E-10	1.44E-10	2.02E-10	2.02E-10	1.99E-10	1.98E-10	1.98E-10
URI (ΔCDF)	-1.15E-11	-1.16E-11	-1.15E-11	-1.10E-11	-1.10E-11	-1.02E-11	-9.02E-12	-9.09E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.20E-12**	**1.30E-10**	**1.30E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**

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	0.000006	0.000007	0.000015	0.000008	0.000004	0.000013	0.000007	0.000007	0.000005	0.000005	0.000007	0.000008
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**
Maximum activity	0.000005	0.000011	0.000011	0.000012	0.000012	0.000014	0.000013	0.000013	0.000017	0.000015	0.000015	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/10**	**8/10**	**9/10**	**10/10**	**11/10**	**12/10**	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**
Maximum leakage	2.057	2.038	2.048	2.103	1.535	1.938	1.668	1.635	1.648	1.633	1.647	1.657
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.2**	**8.2**	**8.2**	**8.4**	**6.1**	**7.8**	**6.7**	**6.5**	**6.6**	**6.5**	**6.6**	**6.6**
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	1.670	1.690	1.675	1.672	1.637	1.675	1.657	1.648	1.663	1.658	1.677	1.683
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.7**	**6.8**	**6.7**	**6.7**	**6.5**	**6.7**	**6.6**	**6.6**	**6.7**	**6.6**	**6.7**	**6.7**

Licensee Comments:

9/10: Maximum RCS Identified Leakage value was corrected to be the same as Maximum RCS Total Leakage value per NEI 99-02, Rev. 6 guidance. This change affects January - September 2010 RCS leakage data. Indicator color was not affected by this change.

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	6.0	8.0	63.0	46.0	62.0	24.0	48.0	49.0
Total opportunities	6.0	8.0	64.0	46.0	62.0	24.0	48.0	51.0
Indicator value	**98.9%**	**98.8%**	**98.5%**	**98.9%**	**99.0%**	**99.0%**	**99.3%**	**99.0%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	66.0	68.0	70.0	71.0	74.0	74.0	72.0	70.0
Total Key personnel	68.0	68.0	70.0	71.0	76.0	74.0	73.0	71.0
Indicator value	**97.1%**	**100.0%**	**100.0%**	**100.0%**	**97.4%**	**100.0%**	**98.6%**	**98.6%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	2979	2988	2940	2936	2940	2940	2989	2940
Total sirens-tests	2990	2990	2944	2944	2944	2944	2990	2944
Indicator value	**99.7%**	**99.7%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/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.

Dresden 3

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	1.0	0	0	0	0	0	0	0
Critical hours	1568.7	2159.0	2184.0	2208.0	2209.0	2183.0	2184.0	2208.0
Indicator value	**0.9**	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1568.7	2159.0	2184.0	2208.0	2209.0	2183.0	2184.0	2208.0
Indicator value	**1.7**	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**	**0**

Licensee Comments: none

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 > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Safety System Functional Failures	1	1	0	1	1	0	0	1
Indicator value	**3**	**2**	**2**	**3**	**3**	**2**	**2**	**2**

Licensee Comments:

3Q/12: LER 249/2012-001-00, Unexpected Isolation of the Isolation Condenser Due to Test Switch Failure, dated 9/10/2012

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

1Q/11: Licensee Event Report 249/2010-003-00, "Steam Leak Results in HPCI Inoperability," submitted on 1/25/2011

4Q/10: Licensee Event Report 249/2010-002-00, "MSIV Leakage Exceeds Technical Specifications Allowable Limits," submitted on 12/29/2010

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	-3.24E-11	-3.59E-11	-9.16E-11	3.75E-10	5.54E-10	1.54E-09	6.07E-10	7.14E-10
URI (ΔCDF)	5.08E-09	5.07E-09	8.08E-10	2.54E-09	2.37E-09	2.44E-09	-1.60E-09	-1.55E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.00E-09**	**5.00E-09**	**7.20E-10**	**2.90E-09**	**2.90E-09**	**4.00E-09**	**-1.00E-09**	**-8.40E-10**

Licensee Comments:

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

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)	-2.55E-08	-1.24E-08	-1.92E-09	1.66E-08	-2.60E-08	1.31E-09	2.62E-08	2.62E-08
URI (ΔCDF)	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.56E-08	-6.56E-08	-6.56E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.10E-08**	**-7.80E-08**	**-6.80E-08**	**-4.90E-08**	**-9.20E-08**	**-6.40E-08**	**-3.90E-08**	**-3.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-4.80E-09
URI (ΔCDF)	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-4.90E-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/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	3.47E-10	3.56E-10	-1.23E-10	-1.23E-10	-1.47E-10	-2.21E-10	-3.25E-10	-3.25E-10
URI (ΔCDF)	-5.66E-10	-5.62E-10	-5.49E-10	-5.51E-10	-5.16E-10	-4.80E-10	-4.80E-10	-5.06E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.20E-10**	**-2.10E-10**	**-6.70E-10**	**-6.70E-10**	**-6.60E-10**	**-7.00E-10**	**-8.00E-10**	**-8.30E-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/10**	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**
UAI (ΔCDF)	1.45E-10	1.44E-10	2.02E-10	2.02E-10	1.99E-10	1.98E-10	1.98E-10	1.90E-10
URI (ΔCDF)	-1.16E-11	-1.15E-11	-1.10E-11	-1.10E-11	-1.02E-11	-9.02E-12	-9.09E-12	-9.46E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-10**	**1.30E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.80E-10**

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	0.000008	0.000004	0.000013	0.000007	0.000007	0.000005	0.000005	0.000007	0.000008	0.000005	0.000011	0.000011
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**
Maximum activity	0.000012	0.000012	0.000014	0.000013	0.000013	0.000017	0.000015	0.000015	0.000015	0.000016	0.000019	0.000017
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	2.103	1.535	1.938	1.668	1.635	1.648	1.633	1.647	1.657	1.670	1.690	1.675
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**8.4**	**6.1**	**7.8**	**6.7**	**6.5**	**6.6**	**6.5**	**6.6**	**6.6**	**6.7**	**6.8**	**6.7**
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	1.672	1.637	1.675	1.657	1.648	1.663	1.658	1.677	1.683	1.675	1.668	1.667
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.7**	**6.5**	**6.7**	**6.6**	**6.6**	**6.7**	**6.6**	**6.7**	**6.7**	**6.7**	**6.7**	**6.7**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	8.0	63.0	46.0	62.0	24.0	48.0	49.0	20.0
Total opportunities	8.0	64.0	46.0	62.0	24.0	48.0	51.0	20.0
Indicator value	**98.8%**	**98.5%**	**98.9%**	**99.0%**	**99.0%**	**99.3%**	**99.0%**	**99.1%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	68.0	70.0	71.0	74.0	74.0	72.0	70.0	71.0
Total Key personnel	68.0	70.0	71.0	76.0	74.0	73.0	71.0	71.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**97.4%**	**100.0%**	**98.6%**	**98.6%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	2988	2940	2936	2940	2940	2989	2940	2893
Total sirens-tests	2990	2944	2944	2944	2944	2990	2944	2898
Indicator value	**99.7%**	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

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

Dresden 3

4Q/2012 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2183.0	2184.0	2208.0	1683.9
Indicator value	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	2183.0	2184.0	2208.0	1683.9
Indicator value	**0.9**	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Unplanned Scrams with Complications

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	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 (BWR)

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Safety System Functional Failures	1	0	1	1	0	0	1	0
Indicator value	**2**	**2**	**3**	**3**	**2**	**2**	**2**	**1**

Licensee Comments:

3Q/12: LER 249/2012-001-00, Unexpected Isolation of the Isolation Condenser Due to Test Switch Failure, dated 9/10/2012

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

1Q/11: Licensee Event Report 249/2010-003-00, "Steam Leak Results in HPCI Inoperability," submitted on 1/25/2011

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)	-3.59E-11	-9.16E-11	3.75E-10	5.54E-10	1.54E-09	6.07E-10	7.14E-10	5.16E-10
URI (ΔCDF)	5.07E-09	8.08E-10	2.54E-09	2.37E-09	2.44E-09	-1.60E-09	-1.55E-09	-1.50E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.00E-09**	**7.20E-10**	**2.90E-09**	**2.90E-09**	**4.00E-09**	**-1.00E-09**	**-8.40E-10**	**-9.80E-10**

Licensee Comments:

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

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)	-1.24E-08	-1.92E-09	1.66E-08	-2.60E-08	1.31E-09	2.62E-08	2.62E-08	-2.22E-08
URI (ΔCDF)	-6.57E-08	-6.57E-08	-6.57E-08	-6.57E-08	-6.56E-08	-6.56E-08	-6.56E-08	-6.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.80E-08**	**-6.80E-08**	**-4.90E-08**	**-9.20E-08**	**-6.40E-08**	**-3.90E-08**	**-3.90E-08**	**-8.80E-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	**1Q/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**
UAI (ΔCDF)	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-4.80E-09	-4.78E-09
URI (ΔCDF)	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-4.90E-09**	**-4.90E-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/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (ΔCDF)	3.56E-10	-1.23E-10	-1.23E-10	-1.47E-10	-2.21E-10	-3.25E-10	-3.25E-10	-3.22E-10
URI (ΔCDF)	-5.62E-10	-5.49E-10	-5.51E-10	-5.16E-10	-4.80E-10	-4.80E-10	-5.06E-10	-5.21E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-10**	**-6.70E-10**	**-6.70E-10**	**-6.60E-10**	**-7.00E-10**	**-8.00E-10**	**-8.30E-10**	**-8.40E-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/11**	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**
UAI (ΔCDF)	1.44E-10	2.02E-10	2.02E-10	1.99E-10	1.98E-10	1.98E-10	1.90E-10	1.93E-10
URI (ΔCDF)	-1.15E-11	-1.10E-11	-1.10E-11	-1.02E-11	-9.02E-12	-9.09E-12	-9.46E-12	-9.87E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.30E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.80E-10**	**1.80E-10**

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	0.000007	0.000007	0.000005	0.000005	0.000007	0.000008	0.000005	0.000011	0.000011	0.000012	0.000012	0.000014
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**
Maximum activity	0.000013	0.000013	0.000017	0.000015	0.000015	0.000015	0.000016	0.000019	0.000017	0.000016	0.000014	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/11**	**2/11**	**3/11**	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**
Maximum leakage	1.668	1.635	1.648	1.633	1.647	1.657	1.670	1.690	1.675	1.672	1.637	1.675
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.7**	**6.5**	**6.6**	**6.5**	**6.6**	**6.6**	**6.7**	**6.8**	**6.7**	**6.7**	**6.5**	**6.7**
Reactor Coolant System Leakage	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**
Maximum leakage	1.657	1.648	1.663	1.658	1.677	1.683	1.675	1.668	1.667	1.588	1.578	1.598
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.6**	**6.6**	**6.7**	**6.6**	**6.7**	**6.7**	**6.7**	**6.7**	**6.7**	**6.4**	**6.3**	**6.4**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	63.0	46.0	62.0	24.0	48.0	49.0	20.0	18.0
Total opportunities	64.0	46.0	62.0	24.0	48.0	51.0	20.0	18.0
Indicator value	**98.5%**	**98.9%**	**99.0%**	**99.0%**	**99.3%**	**99.0%**	**99.1%**	**99.1%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Participating Key personnel	70.0	71.0	74.0	74.0	72.0	70.0	71.0	72.0
Total Key personnel	70.0	71.0	76.0	74.0	73.0	71.0	71.0	72.0
Indicator value	**100.0%**	**100.0%**	**97.4%**	**100.0%**	**98.6%**	**98.6%**	**100.0%**	**100.0%**

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	2940	2936	2940	2940	2989	2940	2893	2944
Total sirens-tests	2944	2944	2944	2944	2990	2944	2898	2944
Indicator value	**99.7%**	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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.

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1Q/2013 Performance Indicators

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	2183.0	2184.0	2208.0	1683.9	2159.0
Indicator value	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2184.0	2208.0	2209.0	2183.0	2184.0	2208.0	1683.9	2159.0
Indicator value	**0.9**	**0.9**	**0**	**0**	**0**	**0**	**0**	**0.9**

Licensee Comments: none

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 > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Safety System Functional Failures	0	1	1	0	0	1	0	0
Indicator value	**2**	**3**	**3**	**2**	**2**	**2**	**1**	**1**

Licensee Comments:

3Q/12: LER 249/2012-001-00, Unexpected Isolation of the Isolation Condenser Due to Test Switch Failure, dated 9/10/2012

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

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)	-9.16E-11	3.75E-10	5.54E-10	1.54E-09	6.07E-10	7.14E-10	5.16E-10	2.60E-10
URI (ΔCDF)	8.08E-10	2.54E-09	2.37E-09	2.44E-09	-1.60E-09	-1.55E-09	-1.50E-09	-1.53E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**7.20E-10**	**2.90E-09**	**2.90E-09**	**4.00E-09**	**-1.00E-09**	**-8.40E-10**	**-9.80E-10**	**-1.30E-09**

Licensee Comments:

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

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)	-1.92E-09	1.66E-08	-2.60E-08	1.31E-09	2.62E-08	2.62E-08	-2.22E-08	4.42E-08
URI (ΔCDF)	-6.57E-08	-6.57E-08	-6.57E-08	-6.56E-08	-6.56E-08	-6.56E-08	-6.55E-08	-6.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.80E-08**	**-4.90E-08**	**-9.20E-08**	**-6.40E-08**	**-3.90E-08**	**-3.90E-08**	**-8.80E-08**	**-2.10E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-4.80E-09	-4.78E-09	-4.78E-09
URI (ΔCDF)	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-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	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	-1.23E-10	-1.23E-10	-1.47E-10	-2.21E-10	-3.25E-10	-3.25E-10	-3.22E-10	-3.22E-10
URI (ΔCDF)	-5.49E-10	-5.51E-10	-5.16E-10	-4.80E-10	-4.80E-10	-5.06E-10	-5.21E-10	-5.16E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.70E-10**	**-6.70E-10**	**-6.60E-10**	**-7.00E-10**	**-8.00E-10**	**-8.30E-10**	**-8.40E-10**	**-8.40E-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	**2Q/11**	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**
UAI (ΔCDF)	2.02E-10	2.02E-10	1.99E-10	1.98E-10	1.98E-10	1.90E-10	1.93E-10	1.93E-10
URI (ΔCDF)	-1.10E-11	-1.10E-11	-1.02E-11	-9.02E-12	-9.09E-12	-9.46E-12	-9.87E-12	-9.56E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**

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	0.000005	0.000007	0.000008	0.000005	0.000011	0.000011	0.000012	0.000012	0.000014	0.000013	0.000013	0.000017
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum activity	0.000015	0.000015	0.000015	0.000016	0.000019	0.000017	0.000016	0.000014	0.000005	0.000009	0.000005	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/11**	**5/11**	**6/11**	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**
Maximum leakage	1.633	1.647	1.657	1.670	1.690	1.675	1.672	1.637	1.675	1.657	1.648	1.663
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.5**	**6.6**	**6.6**	**6.7**	**6.8**	**6.7**	**6.7**	**6.5**	**6.7**	**6.6**	**6.6**	**6.7**
Reactor Coolant System Leakage	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum leakage	1.658	1.677	1.683	1.675	1.668	1.667	1.588	1.578	1.598	1.607	1.635	1.633
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.6**	**6.7**	**6.7**	**6.7**	**6.7**	**6.7**	**6.4**	**6.3**	**6.4**	**6.4**	**6.5**	**6.5**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	46.0	62.0	24.0	48.0	49.0	20.0	19.0	58.0
Total opportunities	46.0	62.0	24.0	48.0	51.0	20.0	19.0	61.0
Indicator value	**98.9%**	**99.0%**	**99.0%**	**99.3%**	**99.0%**	**99.1%**	**99.1%**	**98.5%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	71.0	74.0	74.0	72.0	70.0	71.0	72.0	72.0
Total Key personnel	71.0	76.0	74.0	73.0	71.0	71.0	72.0	72.0
Indicator value	**100.0%**	**97.4%**	**100.0%**	**98.6%**	**98.6%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	2936	2940	2940	2989	2940	2893	2944	2942
Total sirens-tests	2944	2944	2944	2990	2944	2898	2944	2944
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/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

Dresden 3

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2208.0	1683.9	2159.0	2184.0
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2208.0	2209.0	2183.0	2184.0	2208.0	1683.9	2159.0	2184.0
Indicator value	**0.9**	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Safety System Functional Failures	1	1	0	0	1	0	0	0
Indicator value	**3**	**3**	**2**	**2**	**2**	**1**	**1**	**1**

Licensee Comments:

3Q/12: LER 249/2012-001-00, Unexpected Isolation of the Isolation Condenser Due to Test Switch Failure, dated 9/10/2012

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

3Q/11: LER 237/2011-001-00, Loss of CCSW System due to Stop Log Installation, dated 7/18/2011

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)	3.75E-10	5.54E-10	1.54E-09	6.07E-10	7.14E-10	5.16E-10	2.60E-10	1.22E-10
URI (ΔCDF)	2.54E-09	2.37E-09	2.44E-09	-1.60E-09	-1.55E-09	-1.50E-09	-1.53E-09	-1.48E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.90E-09**	**2.90E-09**	**4.00E-09**	**-1.00E-09**	**-8.40E-10**	**-9.80E-10**	**-1.30E-09**	**-1.40E-09**

Licensee Comments:

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

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)	1.66E-08	-2.60E-08	1.31E-09	2.62E-08	2.62E-08	-2.22E-08	4.42E-08	4.50E-08
URI (ΔCDF)	-6.57E-08	-6.57E-08	-6.56E-08	-6.56E-08	-6.56E-08	-6.55E-08	-6.55E-08	-6.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-08**	**-9.20E-08**	**-6.40E-08**	**-3.90E-08**	**-3.90E-08**	**-8.80E-08**	**-2.10E-08**	**-2.10E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	-6.25E-09	-6.25E-09	-6.25E-09	-6.25E-09	-4.80E-09	-4.78E-09	-4.78E-09	-4.78E-09
URI (ΔCDF)	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-9.92E-11	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-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/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	-1.23E-10	-1.47E-10	-2.21E-10	-3.25E-10	-3.25E-10	-3.22E-10	-3.22E-10	-3.22E-10
URI (ΔCDF)	-5.51E-10	-5.16E-10	-4.80E-10	-4.80E-10	-5.06E-10	-5.21E-10	-5.16E-10	-5.12E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.70E-10**	**-6.60E-10**	**-7.00E-10**	**-8.00E-10**	**-8.30E-10**	**-8.40E-10**	**-8.40E-10**	**-8.30E-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/11**	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**
UAI (ΔCDF)	2.02E-10	1.99E-10	1.98E-10	1.98E-10	1.90E-10	1.93E-10	1.93E-10	1.93E-10
URI (ΔCDF)	-1.10E-11	-1.02E-11	-9.02E-12	-9.09E-12	-9.46E-12	-9.87E-12	-9.56E-12	-8.93E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**
Maximum activity	0.000005	0.000011	0.000011	0.000012	0.000012	0.000014	0.000013	0.000013	0.000017	0.000015	0.000015	0.000015
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**
Maximum activity	0.000016	0.000019	0.000017	0.000016	0.000014	0.000005	0.000009	0.000005	0.000010	0.000004	0.000009	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/11**	**8/11**	**9/11**	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**
Maximum leakage	1.670	1.690	1.675	1.672	1.637	1.675	1.657	1.648	1.663	1.658	1.677	1.683
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.7**	**6.8**	**6.7**	**6.7**	**6.5**	**6.7**	**6.6**	**6.6**	**6.7**	**6.6**	**6.7**	**6.7**
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	1.675	1.668	1.667	1.588	1.578	1.598	1.607	1.635	1.633	1.655	1.635	1.610
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.7**	**6.7**	**6.7**	**6.4**	**6.3**	**6.4**	**6.4**	**6.5**	**6.5**	**6.6**	**6.5**	**6.4**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful opportunities	62.0	24.0	48.0	49.0	20.0	19.0	58.0	43.0
Total opportunities	62.0	24.0	48.0	51.0	20.0	19.0	61.0	44.0
Indicator value	**99.0%**	**99.0%**	**99.3%**	**99.0%**	**99.1%**	**99.1%**	**98.5%**	**98.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Participating Key personnel	74.0	74.0	72.0	70.0	71.0	72.0	72.0	73.0
Total Key personnel	76.0	74.0	73.0	71.0	71.0	72.0	72.0	73.0
Indicator value	**97.4%**	**100.0%**	**98.6%**	**98.6%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful siren-tests	2940	2940	2989	2940	2893	2944	2942	2938
Total sirens-tests	2944	2944	2990	2944	2898	2944	2944	2944
Indicator value	**99.8%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: August 19, 2013

Dresden 3

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	2183.0	2184.0	2208.0	1683.9	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2209.0	2183.0	2184.0	2208.0	1683.9	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**

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 > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Safety System Functional Failures	1	0	0	2	0	0	0	1
Indicator value	**3**	**2**	**2**	**3**	**2**	**2**	**2**	**1**

Licensee Comments:

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

3Q/12: SSFF value for July 2012 was changed from 0 to 1 on 10/19/13. Ref. LER 237/2012-002-00, Inlet Steam Drain Pot Drain Line Leaks Result in HPCI Inoperabilities

3Q/12: LER 249/2012-001-00, Unexpected Isolation of the Isolation Condenser Due to Test Switch Failure, dated 9/10/2012

4Q/11: LER 237-2011-004-00, Personnel Error Results in Control Room Emergency Ventilation Air Conditioning System Inoperability, dated 12/16/2011

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	5.54E-10	1.54E-09	6.07E-10	7.14E-10	5.16E-10	2.60E-10	1.22E-10	8.26E-11
URI (ΔCDF)	2.37E-09	2.44E-09	-1.60E-09	-1.55E-09	-1.50E-09	-1.53E-09	-1.48E-09	-1.48E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.90E-09**	**4.00E-09**	**-1.00E-09**	**-8.40E-10**	**-9.80E-10**	**-1.30E-09**	**-1.40E-09**	**-1.40E-09**

Licensee Comments:

4Q/11: The MSPI basis document was revised in late November 2011. The revision (Revision 9) added the Diesel Oil Fuel Transfer Pump to the EDG super component boundary and designated the pump train as a monitored component in accordance with the resolution to FAQ 484. The FAQ resolution has an effective date of 1/1/2012. Therefore, there was no effect on the EDG MSPI data during November or December 2011.

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)	-2.60E-08	1.31E-09	2.62E-08	2.62E-08	-2.22E-08	4.42E-08	4.50E-08	2.93E-08
URI (ΔCDF)	-6.57E-08	-6.56E-08	-6.56E-08	-6.56E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.20E-08**	**-6.40E-08**	**-3.90E-08**	**-3.90E-08**	**-8.80E-08**	**-2.10E-08**	**-2.10E-08**	**-3.60E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	-6.25E-09	-6.25E-09	-6.25E-09	-4.80E-09	-4.78E-09	-4.78E-09	-4.78E-09	-4.78E-09
URI (ΔCDF)	-1.13E-10	-1.13E-10	-1.13E-10	-1.13E-10	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-09**	**-6.40E-09**	**-6.40E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-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/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	-1.47E-10	-2.21E-10	-3.25E-10	-3.25E-10	-3.22E-10	-3.22E-10	-3.22E-10	-3.22E-10
URI (ΔCDF)	-5.16E-10	-4.80E-10	-4.80E-10	-5.06E-10	-5.21E-10	-5.16E-10	-5.12E-10	-5.10E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.60E-10**	**-7.00E-10**	**-8.00E-10**	**-8.30E-10**	**-8.40E-10**	**-8.40E-10**	**-8.30E-10**	**-8.30E-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/11**	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**
UAI (ΔCDF)	1.99E-10	1.98E-10	1.98E-10	1.90E-10	1.93E-10	1.93E-10	1.93E-10	1.93E-10
URI (ΔCDF)	-1.02E-11	-9.02E-12	-9.09E-12	-9.46E-12	-9.87E-12	-9.56E-12	-8.93E-12	-8.87E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-10**	**1.90E-10**	**1.90E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**

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	0.000012	0.000012	0.000014	0.000013	0.000013	0.000017	0.000015	0.000015	0.000015	0.000016	0.000019	0.000017
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**
Maximum activity	0.000016	0.000014	0.000005	0.000009	0.000005	0.000010	0.000004	0.000009	0.000012	0.000013	0.000014	0.000041
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/11**	**11/11**	**12/11**	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**
Maximum leakage	1.672	1.637	1.675	1.657	1.648	1.663	1.658	1.677	1.683	1.675	1.668	1.667
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.7**	**6.5**	**6.7**	**6.6**	**6.6**	**6.7**	**6.6**	**6.7**	**6.7**	**6.7**	**6.7**	**6.7**
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	1.588	1.578	1.598	1.607	1.635	1.633	1.655	1.635	1.610	1.605	1.608	1.613
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.4**	**6.3**	**6.4**	**6.4**	**6.5**	**6.5**	**6.6**	**6.5**	**6.4**	**6.4**	**6.4**	**6.5**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful opportunities	24.0	48.0	49.0	20.0	19.0	58.0	32.0	36.0
Total opportunities	24.0	48.0	51.0	20.0	19.0	61.0	33.0	36.0
Indicator value	**99.0%**	**99.3%**	**99.0%**	**99.1%**	**99.1%**	**98.5%**	**98.1%**	**97.9%**

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	74.0	72.0	70.0	71.0	72.0	72.0	71.0	76.0
Total Key personnel	74.0	73.0	71.0	71.0	72.0	72.0	73.0	79.0
Indicator value	**100.0%**	**98.6%**	**98.6%**	**100.0%**	**100.0%**	**100.0%**	**97.3%**	**96.2%**

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	2940	2989	2940	2893	2944	2942	2938	2939
Total sirens-tests	2944	2990	2944	2898	2944	2944	2944	2944
Indicator value	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

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

Dresden 3

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2184.0	2208.0	1683.9	2159.0	2184.0	2208.0	2079.8
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2183.0	2184.0	2208.0	1683.9	2159.0	2184.0	2208.0	2079.8
Indicator value	**0**	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.8**

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 > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	0	0	2	0	0	0	1	1
Indicator value	**2**	**2**	**3**	**2**	**2**	**2**	**1**	**2**

Licensee Comments:

4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

3Q/12: SSFF value for July 2012 was changed from 0 to 1 on 10/19/13. Ref. LER 237/2012-002-00, Inlet Steam Drain Pot Drain Line Leaks Result in HPCI Inoperabilities

3Q/12: LER 249/2012-001-00, Unexpected Isolation of the Isolation Condenser Due to Test Switch Failure, dated 9/10/2012

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)	1.54E-09	6.07E-10	7.14E-10	5.16E-10	2.60E-10	1.22E-10	8.26E-11	-1.53E-11
URI (ΔCDF)	2.44E-09	-1.60E-09	-1.55E-09	-1.50E-09	-1.53E-09	-1.48E-09	-1.48E-09	-1.40E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.00E-09**	**-1.00E-09**	**-8.40E-10**	**-9.80E-10**	**-1.30E-09**	**-1.40E-09**	**-1.40E-09**	**-1.40E-09**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	1.31E-09	2.62E-08	2.62E-08	-2.22E-08	4.42E-08	4.50E-08	2.93E-08	1.91E-08
URI (ΔCDF)	-6.56E-08	-6.56E-08	-6.56E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-08**	**-3.90E-08**	**-3.90E-08**	**-8.80E-08**	**-2.10E-08**	**-2.10E-08**	**-3.60E-08**	**-4.60E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	-6.25E-09	-6.25E-09	-4.80E-09	-4.78E-09	-4.78E-09	-4.78E-09	-4.78E-09	-4.81E-09
URI (ΔCDF)	-1.13E-10	-1.13E-10	-1.13E-10	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-09**	**-6.40E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-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/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	-2.21E-10	-3.25E-10	-3.25E-10	-3.22E-10	-3.22E-10	-3.22E-10	-3.22E-10	-3.25E-10
URI (ΔCDF)	-4.80E-10	-4.80E-10	-5.06E-10	-5.21E-10	-5.16E-10	-5.12E-10	-5.10E-10	-4.93E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.00E-10**	**-8.00E-10**	**-8.30E-10**	**-8.40E-10**	**-8.40E-10**	**-8.30E-10**	**-8.30E-10**	**-8.20E-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/12**	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**
UAI (ΔCDF)	1.98E-10	1.98E-10	1.90E-10	1.93E-10	1.93E-10	1.93E-10	1.93E-10	5.70E-11
URI (ΔCDF)	-9.02E-12	-9.09E-12	-9.46E-12	-9.87E-12	-9.56E-12	-8.93E-12	-8.87E-12	-8.74E-12
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-10**	**1.90E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**	**4.80E-11**

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	0.000013	0.000013	0.000017	0.000015	0.000015	0.000015	0.000016	0.000019	0.000017	0.000016	0.000014	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**
Maximum activity	0.000009	0.000005	0.000010	0.000004	0.000009	0.000012	0.000013	0.000014	0.000041	0.000015	0.000008	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/12**	**2/12**	**3/12**	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**
Maximum leakage	1.657	1.648	1.663	1.658	1.677	1.683	1.675	1.668	1.667	1.588	1.578	1.598
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.6**	**6.6**	**6.7**	**6.6**	**6.7**	**6.7**	**6.7**	**6.7**	**6.7**	**6.4**	**6.3**	**6.4**
Reactor Coolant System Leakage	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**
Maximum leakage	1.607	1.635	1.633	1.655	1.635	1.610	1.605	1.608	1.613	1.617	1.562	1.562
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.4**	**6.5**	**6.5**	**6.6**	**6.5**	**6.4**	**6.4**	**6.4**	**6.5**	**6.5**	**6.2**	**6.2**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	48.0	49.0	20.0	19.0	58.0	32.0	36.0	34.0
Total opportunities	48.0	51.0	20.0	19.0	61.0	33.0	36.0	34.0
Indicator value	**99.3%**	**99.0%**	**99.1%**	**99.1%**	**98.5%**	**98.1%**	**97.9%**	**98.0%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Participating Key personnel	72.0	70.0	71.0	72.0	72.0	71.0	76.0	80.0
Total Key personnel	73.0	71.0	71.0	72.0	72.0	73.0	79.0	80.0
Indicator value	**98.6%**	**98.6%**	**100.0%**	**100.0%**	**100.0%**	**97.3%**	**96.2%**	**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	2989	2940	2893	2944	2942	2938	2939	2933
Total sirens-tests	2990	2944	2898	2944	2944	2944	2944	2944
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: January 22, 2014

Dresden 3

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1683.9	2159.0	2184.0	2208.0	2079.8	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	2184.0	2208.0	1683.9	2159.0	2184.0	2208.0	2079.8	2159.0
Indicator value	**0**	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.8**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Safety System Functional Failures	0	2	0	0	0	0	0	1
Indicator value	**2**	**3**	**2**	**2**	**2**	**0**	**0**	**1**

Licensee Comments:

1Q/14: Licensee Event Report 249/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

3Q/13: SSFF value revised from 1 to 0. (Ref. LER 237/2013-001-00 as revised by supplemental LER 237-2013-001-02, dated 03-26-14)

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

3Q/12: SSFF value for July 2012 was changed from 0 to 1 on 10/19/13. Ref. LER 237/2012-002-00, Inlet Steam Drain Pot Drain Line Leaks Result in HPCI Inoperabilities

3Q/12: LER 249/2012-001-00, Unexpected Isolation of the Isolation Condenser Due to Test Switch Failure, dated 9/10/2012

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)	6.07E-10	7.14E-10	5.16E-10	2.60E-10	1.22E-10	8.26E-11	-1.53E-11	1.63E-10
URI (ΔCDF)	-1.60E-09	-1.55E-09	-1.50E-09	-1.53E-09	-1.48E-09	-1.48E-09	-1.40E-09	-4.86E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-09**	**-8.40E-10**	**-9.80E-10**	**-1.30E-09**	**-1.40E-09**	**-1.40E-09**	**-1.40E-09**	**-3.20E-10**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	2.62E-08	2.62E-08	-2.22E-08	4.42E-08	4.50E-08	2.93E-08	1.91E-08	-9.49E-09
URI (ΔCDF)	-6.56E-08	-6.56E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.90E-08**	**-3.90E-08**	**-8.80E-08**	**-2.10E-08**	**-2.10E-08**	**-3.60E-08**	**-4.60E-08**	**-7.50E-08**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	-6.25E-09	-4.80E-09	-4.78E-09	-4.78E-09	-4.78E-09	-4.78E-09	-4.81E-09	-4.17E-09
URI (ΔCDF)	-1.13E-10	-1.13E-10	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-8.81E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-6.40E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.30E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	-3.25E-10	-3.25E-10	-3.22E-10	-3.22E-10	-3.22E-10	-3.22E-10	-3.25E-10	-1.10E-09
URI (ΔCDF)	-4.80E-10	-5.06E-10	-5.21E-10	-5.16E-10	-5.12E-10	-5.10E-10	-4.93E-10	-3.10E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.00E-10**	**-8.30E-10**	**-8.40E-10**	**-8.40E-10**	**-8.30E-10**	**-8.30E-10**	**-8.20E-10**	**-4.20E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**2Q/12**	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**
UAI (ΔCDF)	1.98E-10	1.90E-10	1.93E-10	1.93E-10	1.93E-10	1.93E-10	5.70E-11	1.69E-10
URI (ΔCDF)	-9.09E-12	-9.46E-12	-9.87E-12	-9.56E-12	-8.93E-12	-8.87E-12	-8.74E-12	5.44E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.90E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**	**4.80E-11**	**2.20E-10**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

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	0.000015	0.000015	0.000015	0.000016	0.000019	0.000017	0.000016	0.000014	0.000005	0.000009	0.000005	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum activity	0.000004	0.000009	0.000012	0.000013	0.000014	0.000041	0.000015	0.000008	0.000012	0.000007	0.000013	0.000016
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/12**	**5/12**	**6/12**	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**
Maximum leakage	1.658	1.677	1.683	1.675	1.668	1.667	1.588	1.578	1.598	1.607	1.635	1.633
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.6**	**6.7**	**6.7**	**6.7**	**6.7**	**6.7**	**6.4**	**6.3**	**6.4**	**6.4**	**6.5**	**6.5**
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	1.655	1.635	1.610	1.605	1.608	1.613	1.617	1.562	1.562	1.565	1.560	1.570
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.6**	**6.5**	**6.4**	**6.4**	**6.4**	**6.5**	**6.5**	**6.2**	**6.2**	**6.3**	**6.2**	**6.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	49.0	20.0	19.0	58.0	32.0	36.0	34.0	41.0
Total opportunities	51.0	20.0	19.0	61.0	33.0	36.0	34.0	41.0
Indicator value	**99.0%**	**99.1%**	**99.1%**	**98.5%**	**98.1%**	**97.9%**	**98.0%**	**98.0%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Participating Key personnel	70.0	71.0	72.0	72.0	71.0	76.0	80.0	76.0
Total Key personnel	71.0	71.0	72.0	72.0	73.0	79.0	80.0	76.0
Indicator value	**98.6%**	**100.0%**	**100.0%**	**100.0%**	**97.3%**	**96.2%**	**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	2940	2893	2944	2942	2938	2939	2933	2935
Total sirens-tests	2944	2898	2944	2944	2944	2944	2944	2940
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: April 23, 2014

Dresden 3

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	1683.9	2159.0	2184.0	2208.0	2079.8	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	1683.9	2159.0	2184.0	2208.0	2079.8	2159.0	2184.0
Indicator value	**0**	**0**	**0.9**	**0.9**	**0.9**	**0.8**	**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 > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Safety System Functional Failures	2	0	0	0	0	0	1	0
Indicator value	**3**	**2**	**2**	**2**	**0**	**0**	**1**	**1**

Licensee Comments:

1Q/14: Licensee Event Report 249/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

3Q/13: SSFF value revised from 1 to 0. (Ref. LER 237/2013-001-00 as revised by supplemental LER 237-2013-001-02, dated 03-26-14)

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

3Q/12: SSFF value for July 2012 was changed from 0 to 1 on 10/19/13. Ref. LER 237/2012-002-00, Inlet Steam Drain Pot Drain Line Leaks Result in HPCI Inoperabilities

3Q/12: LER 249/2012-001-00, Unexpected Isolation of the Isolation Condenser Due to Test Switch Failure, dated 9/10/2012

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)	7.14E-10	5.16E-10	2.60E-10	1.22E-10	8.26E-11	-1.53E-11	1.63E-10	1.62E-10
URI (ΔCDF)	-1.55E-09	-1.50E-09	-1.53E-09	-1.48E-09	-1.48E-09	-1.40E-09	-4.86E-10	-4.74E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.40E-10**	**-9.80E-10**	**-1.30E-09**	**-1.40E-09**	**-1.40E-09**	**-1.40E-09**	**-3.20E-10**	**-3.10E-10**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	2.62E-08	-2.22E-08	4.42E-08	4.50E-08	2.93E-08	1.91E-08	-9.49E-09	-1.98E-08
URI (ΔCDF)	-6.56E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.54E-08	-6.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.90E-08**	**-8.80E-08**	**-2.10E-08**	**-2.10E-08**	**-3.60E-08**	**-4.60E-08**	**-7.50E-08**	**-8.50E-08**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	-4.80E-09	-4.78E-09	-4.78E-09	-4.78E-09	-4.78E-09	-4.81E-09	-4.17E-09	-4.17E-09
URI (ΔCDF)	-1.13E-10	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-8.81E-11	-9.23E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.30E-09**	**-4.30E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	-3.25E-10	-3.22E-10	-3.22E-10	-3.22E-10	-3.22E-10	-3.25E-10	-1.10E-09	-1.10E-09
URI (ΔCDF)	-5.06E-10	-5.21E-10	-5.16E-10	-5.12E-10	-5.10E-10	-4.93E-10	-3.10E-09	-3.27E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.30E-10**	**-8.40E-10**	**-8.40E-10**	**-8.30E-10**	**-8.30E-10**	**-8.20E-10**	**-4.20E-09**	**-4.40E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**3Q/12**	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**
UAI (ΔCDF)	1.90E-10	1.93E-10	1.93E-10	1.93E-10	1.93E-10	5.70E-11	1.69E-10	0.00E+00
URI (ΔCDF)	-9.46E-12	-9.87E-12	-9.56E-12	-8.93E-12	-8.87E-12	-8.74E-12	5.44E-11	5.36E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**	**4.80E-11**	**2.20E-10**	**5.40E-11**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

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	0.000016	0.000019	0.000017	0.000016	0.000014	0.000005	0.000009	0.000005	0.000010	0.000004	0.000009	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**
Maximum activity	0.000013	0.000014	0.000041	0.000015	0.000008	0.000012	0.000007	0.000013	0.000016	0.000009	0.000007	0.000014
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/12**	**8/12**	**9/12**	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**
Maximum leakage	1.675	1.668	1.667	1.588	1.578	1.598	1.607	1.635	1.633	1.655	1.635	1.610
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.7**	**6.7**	**6.7**	**6.4**	**6.3**	**6.4**	**6.4**	**6.5**	**6.5**	**6.6**	**6.5**	**6.4**
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	1.605	1.608	1.613	1.617	1.562	1.562	1.565	1.560	1.570	1.552	1.555	1.597
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.4**	**6.4**	**6.5**	**6.5**	**6.2**	**6.2**	**6.3**	**6.2**	**6.3**	**6.2**	**6.2**	**6.4**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful opportunities	20.0	19.0	58.0	32.0	36.0	34.0	42.0	79.0
Total opportunities	20.0	19.0	61.0	33.0	36.0	34.0	42.0	80.0
Indicator value	**99.1%**	**99.1%**	**98.5%**	**98.1%**	**97.9%**	**98.0%**	**98.0%**	**98.5%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Participating Key personnel	71.0	72.0	72.0	71.0	76.0	80.0	76.0	78.0
Total Key personnel	71.0	72.0	72.0	73.0	79.0	80.0	76.0	78.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**97.3%**	**96.2%**	**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	2893	2944	2942	2938	2939	2933	2935	2939
Total sirens-tests	2898	2944	2944	2944	2944	2944	2940	2944
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.8%**

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: August 29, 2014

Dresden 3

3Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1683.9	2159.0	2184.0	2208.0	2079.8	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	1683.9	2159.0	2184.0	2208.0	2079.8	2159.0	2184.0	2208.0
Indicator value	**0**	**0.9**	**0.9**	**0.9**	**0.8**	**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 > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	**2**	**2**	**2**	**0**	**0**	**1**	**1**	**1**

Licensee Comments:

1Q/14: Licensee Event Report 249/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously

4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

3Q/13: SSFF value revised from 1 to 0. (Ref. LER 237/2013-001-00 as revised by supplemental LER 237-2013-001-02, dated 03-26-14)

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	5.16E-10	2.60E-10	1.22E-10	8.26E-11	-1.53E-11	1.63E-10	1.62E-10	-1.05E-10
URI (ΔCDF)	-1.50E-09	-1.53E-09	-1.48E-09	-1.48E-09	-1.40E-09	-4.86E-10	-4.74E-10	-1.04E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.80E-10**	**-1.30E-09**	**-1.40E-09**	**-1.40E-09**	**-1.40E-09**	**-3.20E-10**	**-3.10E-10**	**-1.10E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	-2.22E-08	4.42E-08	4.50E-08	2.93E-08	1.91E-08	-9.49E-09	-1.98E-08	-3.79E-08
URI (ΔCDF)	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.54E-08	-6.54E-08	-6.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.80E-08**	**-2.10E-08**	**-2.10E-08**	**-3.60E-08**	**-4.60E-08**	**-7.50E-08**	**-8.50E-08**	**-1.00E-07**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	-4.78E-09	-4.78E-09	-4.78E-09	-4.78E-09	-4.81E-09	-4.17E-09	-4.17E-09	-4.17E-09
URI (ΔCDF)	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-8.81E-11	-9.23E-11	-9.23E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.30E-09**	**-4.30E-09**	**-4.30E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	-3.22E-10	-3.22E-10	-3.22E-10	-3.22E-10	-3.25E-10	-1.10E-09	-1.10E-09	-1.10E-09
URI (ΔCDF)	-5.21E-10	-5.16E-10	-5.12E-10	-5.10E-10	-4.93E-10	-3.10E-09	-3.27E-09	-3.38E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.40E-10**	**-8.40E-10**	**-8.30E-10**	**-8.30E-10**	**-8.20E-10**	**-4.20E-09**	**-4.40E-09**	**-4.50E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**4Q/12**	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**
UAI (ΔCDF)	1.93E-10	1.93E-10	1.93E-10	1.93E-10	5.70E-11	1.69E-10	0.00E+00	0.00E+00
URI (ΔCDF)	-9.87E-12	-9.56E-12	-8.93E-12	-8.87E-12	-8.74E-12	5.44E-11	5.36E-11	5.48E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-10**	**1.80E-10**	**1.80E-10**	**1.80E-10**	**4.80E-11**	**2.20E-10**	**5.40E-11**	**5.50E-11**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

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	0.000016	0.000014	0.000005	0.000009	0.000005	0.000010	0.000004	0.000009	0.000012	0.000013	0.000014	0.000041
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**
Maximum activity	0.000015	0.000008	0.000012	0.000007	0.000013	0.000016	0.000009	0.000007	0.000014	0.000017	0.000014	0.000017
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/12**	**11/12**	**12/12**	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**
Maximum leakage	1.588	1.578	1.598	1.607	1.635	1.633	1.655	1.635	1.610	1.605	1.608	1.613
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.4**	**6.3**	**6.4**	**6.4**	**6.5**	**6.5**	**6.6**	**6.5**	**6.4**	**6.4**	**6.4**	**6.5**
Reactor Coolant System Leakage	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**
Maximum leakage	1.617	1.562	1.562	1.565	1.560	1.570	1.552	1.555	1.597	1.585	1.550	1.560
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.5**	**6.2**	**6.2**	**6.3**	**6.2**	**6.3**	**6.2**	**6.2**	**6.4**	**6.3**	**6.2**	**6.2**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful opportunities	19.0	58.0	32.0	36.0	34.0	42.0	79.0	61.0
Total opportunities	19.0	61.0	33.0	36.0	34.0	42.0	80.0	63.0
Indicator value	**99.1%**	**98.5%**	**98.1%**	**97.9%**	**98.0%**	**98.0%**	**98.5%**	**98.1%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Participating Key personnel	72.0	72.0	71.0	76.0	80.0	76.0	78.0	78.0
Total Key personnel	72.0	72.0	73.0	79.0	80.0	76.0	78.0	78.0
Indicator value	**100.0%**	**100.0%**	**97.3%**	**96.2%**	**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	2944	2942	2938	2939	2933	2935	2939	2928
Total sirens-tests	2944	2944	2944	2944	2944	2940	2944	2944
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: November 3, 2014

Dresden 3

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2079.8	2159.0	2184.0	2208.0	1845.6
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2079.8	2159.0	2184.0	2208.0	1845.6
Indicator value	**0.9**	**0.9**	**0.9**	**0.8**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	**2**	**2**	**0**	**0**	**1**	**1**	**1**	**1**

Licensee Comments:

1Q/14: Licensee Event Report 249/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously

4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

3Q/13: SSFF value revised from 1 to 0. (Ref. LER 237/2013-001-00 as revised by supplemental LER 237-2013-001-02, dated 03-26-14)

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

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)	2.60E-10	1.22E-10	8.26E-11	-1.53E-11	1.63E-10	1.62E-10	-1.05E-10	-1.62E-10
URI (ΔCDF)	-1.53E-09	-1.48E-09	-1.48E-09	-1.40E-09	-4.86E-10	-4.74E-10	-1.04E-09	-1.01E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-09**	**-1.40E-09**	**-1.40E-09**	**-1.40E-09**	**-3.20E-10**	**-3.10E-10**	**-1.10E-09**	**-1.20E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	4.42E-08	4.50E-08	2.93E-08	1.91E-08	-9.49E-09	-1.98E-08	-3.79E-08	-1.89E-08
URI (ΔCDF)	-6.55E-08	-6.55E-08	-6.55E-08	-6.55E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-08**	**-2.10E-08**	**-3.60E-08**	**-4.60E-08**	**-7.50E-08**	**-8.50E-08**	**-1.00E-07**	**-8.40E-08**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	-4.78E-09	-4.78E-09	-4.78E-09	-4.81E-09	-4.17E-09	-4.17E-09	-4.17E-09	-4.15E-09
URI (ΔCDF)	-9.92E-11	-9.92E-11	-9.92E-11	-9.92E-11	-8.81E-11	-9.23E-11	-9.23E-11	-9.23E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.30E-09**	**-4.30E-09**	**-4.30E-09**	**-4.20E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	-3.22E-10	-3.22E-10	-3.22E-10	-3.25E-10	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09
URI (ΔCDF)	-5.16E-10	-5.12E-10	-5.10E-10	-4.93E-10	-3.10E-09	-3.27E-09	-3.38E-09	-3.66E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.40E-10**	**-8.30E-10**	**-8.30E-10**	**-8.20E-10**	**-4.20E-09**	**-4.40E-09**	**-4.50E-09**	**-4.80E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**1Q/13**	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**
UAI (ΔCDF)	1.93E-10	1.93E-10	1.93E-10	5.70E-11	1.69E-10	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-9.56E-12	-8.93E-12	-8.87E-12	-8.74E-12	5.44E-11	5.36E-11	5.48E-11	5.33E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-10**	**1.80E-10**	**1.80E-10**	**4.80E-11**	**2.20E-10**	**5.40E-11**	**5.50E-11**	**5.30E-11**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

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	0.000009	0.000005	0.000010	0.000004	0.000009	0.000012	0.000013	0.000014	0.000041	0.000015	0.000008	0.000012
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**
Maximum activity	0.000007	0.000013	0.000016	0.000009	0.000007	0.000014	0.000017	0.000014	0.000017	0.000019	0.000004	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/13**	**2/13**	**3/13**	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**
Maximum leakage	1.607	1.635	1.633	1.655	1.635	1.610	1.605	1.608	1.613	1.617	1.562	1.562
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.4**	**6.5**	**6.5**	**6.6**	**6.5**	**6.4**	**6.4**	**6.4**	**6.5**	**6.5**	**6.2**	**6.2**
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	1.565	1.560	1.570	1.552	1.555	1.597	1.585	1.550	1.560	1.567	1.557	1.602
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.3**	**6.2**	**6.3**	**6.2**	**6.2**	**6.4**	**6.3**	**6.2**	**6.2**	**6.3**	**6.2**	**6.4**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful opportunities	58.0	32.0	36.0	34.0	42.0	79.0	61.0	40.0
Total opportunities	61.0	33.0	36.0	34.0	42.0	80.0	63.0	40.0
Indicator value	**98.5%**	**98.1%**	**97.9%**	**98.0%**	**98.0%**	**98.5%**	**98.1%**	**98.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Participating Key personnel	72.0	71.0	76.0	80.0	76.0	78.0	78.0	80.0
Total Key personnel	72.0	73.0	79.0	80.0	76.0	78.0	78.0	80.0
Indicator value	**100.0%**	**97.3%**	**96.2%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful siren-tests	2942	2938	2939	2933	2935	2939	2928	2940
Total sirens-tests	2944	2944	2944	2944	2940	2944	2944	2944
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**

Licensee Comments: none

Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	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

Dresden 3

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2079.8	2159.0	2184.0	2208.0	1845.6	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2079.8	2159.0	2184.0	2208.0	1845.6	2159.0
Indicator value	**0.9**	**0.9**	**0.8**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Safety System Functional Failures	0	0	0	1	0	0	0	1
Indicator value	**2**	**0**	**0**	**1**	**1**	**1**	**1**	**1**

Licensee Comments:

1Q/15: LER 249/2014-001-00, Electromatic Relief Valve Failed to Actuate during Surveillance Testing, dated 1/5/2015

1Q/14: Licensee Event Report 249/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously

4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

3Q/13: SSFF value revised from 1 to 0. (Ref. LER 237/2013-001-00 as revised by supplemental LER 237-2013-001-02, dated 03-26-14)

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

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)	1.22E-10	8.26E-11	-1.53E-11	1.63E-10	1.62E-10	-1.05E-10	-1.62E-10	-1.62E-10
URI (ΔCDF)	-1.48E-09	-1.48E-09	-1.40E-09	-4.86E-10	-4.74E-10	-1.04E-09	-1.01E-09	-9.98E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-09**	**-1.40E-09**	**-1.40E-09**	**-3.20E-10**	**-3.10E-10**	**-1.10E-09**	**-1.20E-09**	**-1.20E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	4.50E-08	2.93E-08	1.91E-08	-9.49E-09	-1.98E-08	-3.79E-08	-1.89E-08	4.05E-08
URI (ΔCDF)	-6.55E-08	-6.55E-08	-6.55E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-2.10E-08**	**-3.60E-08**	**-4.60E-08**	**-7.50E-08**	**-8.50E-08**	**-1.00E-07**	**-8.40E-08**	**-2.50E-08**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	-4.78E-09	-4.78E-09	-4.81E-09	-4.17E-09	-4.17E-09	-4.17E-09	-4.15E-09	-4.15E-09
URI (ΔCDF)	-9.92E-11	-9.92E-11	-9.92E-11	-8.81E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-09**	**-4.90E-09**	**-4.90E-09**	**-4.30E-09**	**-4.30E-09**	**-4.30E-09**	**-4.20E-09**	**-4.20E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	-3.22E-10	-3.22E-10	-3.25E-10	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09
URI (ΔCDF)	-5.12E-10	-5.10E-10	-4.93E-10	-3.10E-09	-3.27E-09	-3.38E-09	-3.66E-09	-3.76E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.30E-10**	**-8.30E-10**	**-8.20E-10**	**-4.20E-09**	**-4.40E-09**	**-4.50E-09**	**-4.80E-09**	**-4.90E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**2Q/13**	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**
UAI (ΔCDF)	1.93E-10	1.93E-10	5.70E-11	1.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-8.93E-12	-8.87E-12	-8.74E-12	5.44E-11	5.36E-11	5.48E-11	5.33E-11	5.36E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-10**	**1.80E-10**	**4.80E-11**	**2.20E-10**	**5.40E-11**	**5.50E-11**	**5.30E-11**	**5.40E-11**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum activity	0.000004	0.000009	0.000012	0.000013	0.000014	0.000041	0.000015	0.000008	0.000012	0.000007	0.000013	0.000016
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum activity	0.000009	0.000007	0.000014	0.000017	0.000014	0.000017	0.000019	0.000004	0.000004	0.000009	0.000007	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/13**	**5/13**	**6/13**	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**
Maximum leakage	1.655	1.635	1.610	1.605	1.608	1.613	1.617	1.562	1.562	1.565	1.560	1.570
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.6**	**6.5**	**6.4**	**6.4**	**6.4**	**6.5**	**6.5**	**6.2**	**6.2**	**6.3**	**6.2**	**6.3**
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	1.552	1.555	1.597	1.585	1.550	1.560	1.567	1.557	1.602	1.610	1.548	1.547
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.2**	**6.2**	**6.4**	**6.3**	**6.2**	**6.2**	**6.3**	**6.2**	**6.4**	**6.4**	**6.2**	**6.2**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful opportunities	32.0	36.0	34.0	42.0	79.0	61.0	40.0	48.0
Total opportunities	33.0	36.0	34.0	42.0	80.0	63.0	40.0	48.0
Indicator value	**98.1%**	**97.9%**	**98.0%**	**98.0%**	**98.5%**	**98.1%**	**98.2%**	**98.9%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	71.0	76.0	80.0	76.0	78.0	78.0	80.0	74.0
Total Key personnel	73.0	79.0	80.0	76.0	78.0	78.0	80.0	74.0
Indicator value	**97.3%**	**96.2%**	**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	2938	2939	2933	2935	2939	2928	2940	2895
Total sirens-tests	2944	2944	2944	2940	2944	2944	2944	2898
Indicator value	**99.9%**	**99.9%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: April 23, 2015

Dresden 3

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2079.8	2159.0	2184.0	2208.0	1845.6	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2079.8	2159.0	2184.0	2208.0	1845.6	2159.0	2184.0
Indicator value	**0.9**	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Safety System Functional Failures	0	0	1	0	0	0	1	0
Indicator value	**0**	**0**	**1**	**1**	**1**	**1**	**1**	**1**

Licensee Comments:

1Q/15: LER 249/2014-001-00, Electromatic Relief Valve Failed to Actuate during Surveillance Testing, dated 1/5/2015

1Q/14: Licensee Event Report 249/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously

4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

3Q/13: SSFF value revised from 1 to 0. (Ref. LER 237/2013-001-00 as revised by supplemental LER 237-2013-001-02, dated 03-26-14)

3Q/13: Licensee Event Report 237/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, dated 8/23/13

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)	8.26E-11	-1.53E-11	1.63E-10	1.62E-10	-1.05E-10	-1.62E-10	-1.62E-10	1.92E-11
URI (ΔCDF)	-1.48E-09	-1.40E-09	-4.86E-10	-4.74E-10	-1.04E-09	-1.01E-09	-9.98E-10	-9.98E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-09**	**-1.40E-09**	**-3.20E-10**	**-3.10E-10**	**-1.10E-09**	**-1.20E-09**	**-1.20E-09**	**-9.80E-10**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	2.93E-08	1.91E-08	-9.49E-09	-1.98E-08	-3.79E-08	-1.89E-08	4.05E-08	1.49E-08
URI (ΔCDF)	-6.55E-08	-6.55E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.60E-08**	**-4.60E-08**	**-7.50E-08**	**-8.50E-08**	**-1.00E-07**	**-8.40E-08**	**-2.50E-08**	**-5.10E-08**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	-4.78E-09	-4.81E-09	-4.17E-09	-4.17E-09	-4.17E-09	-4.15E-09	-4.15E-09	-4.15E-09
URI (ΔCDF)	-9.92E-11	-9.92E-11	-8.81E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-09**	**-4.90E-09**	**-4.30E-09**	**-4.30E-09**	**-4.30E-09**	**-4.20E-09**	**-4.20E-09**	**-4.20E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	-3.22E-10	-3.25E-10	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.25E-09
URI (ΔCDF)	-5.10E-10	-4.93E-10	-3.10E-09	-3.27E-09	-3.38E-09	-3.66E-09	-3.76E-09	-3.89E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.30E-10**	**-8.20E-10**	**-4.20E-09**	**-4.40E-09**	**-4.50E-09**	**-4.80E-09**	**-4.90E-09**	**-5.10E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**3Q/13**	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**
UAI (ΔCDF)	1.93E-10	5.70E-11	1.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-8.87E-12	-8.74E-12	5.44E-11	5.36E-11	5.48E-11	5.33E-11	5.36E-11	5.55E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**1.80E-10**	**4.80E-11**	**2.20E-10**	**5.40E-11**	**5.50E-11**	**5.30E-11**	**5.40E-11**	**5.50E-11**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

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	0.000013	0.000014	0.000041	0.000015	0.000008	0.000012	0.000007	0.000013	0.000016	0.000009	0.000007	0.000014
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**
Maximum activity	0.000017	0.000014	0.000017	0.000019	0.000004	0.000004	0.000009	0.000007	0.000005	0.000009	0.000017	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/13**	**8/13**	**9/13**	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**
Maximum leakage	1.605	1.608	1.613	1.617	1.562	1.562	1.565	1.560	1.570	1.552	1.555	1.597
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.4**	**6.4**	**6.5**	**6.5**	**6.2**	**6.2**	**6.3**	**6.2**	**6.3**	**6.2**	**6.2**	**6.4**
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	1.585	1.550	1.560	1.567	1.557	1.602	1.610	1.548	1.547	1.550	1.560	1.563
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.3**	**6.2**	**6.2**	**6.3**	**6.2**	**6.4**	**6.4**	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful opportunities	36.0	34.0	42.0	79.0	61.0	40.0	47.0	65.0
Total opportunities	36.0	34.0	42.0	80.0	63.0	40.0	47.0	67.0
Indicator value	**97.9%**	**98.0%**	**98.0%**	**98.5%**	**98.1%**	**98.2%**	**98.9%**	**98.8%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Participating Key personnel	76.0	80.0	76.0	78.0	78.0	78.0	72.0	75.0
Total Key personnel	79.0	80.0	76.0	78.0	78.0	78.0	72.0	75.0
Indicator value	**96.2%**	**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	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful siren-tests	2939	2933	2935	2939	2928	2940	2895	2937
Total sirens-tests	2944	2944	2940	2944	2944	2944	2898	2944
Indicator value	**99.9%**	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**	**99.7%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: July 24, 2015

Dresden 3

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2079.8	2159.0	2184.0	2208.0	1845.6	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2079.8	2159.0	2184.0	2208.0	1845.6	2159.0	2184.0	2208.0
Indicator value	**0.8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Safety System Functional Failures	0	1	0	0	0	1	0	0
Indicator value	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**

Licensee Comments:

1Q/15: LER 249/2014-001-00, Electromatic Relief Valve Failed to Actuate during Surveillance Testing, dated 1/5/2015

1Q/14: Licensee Event Report 249/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously

4Q/13: SSFF value revised from 1 to 0. (Ref. LER 237-2013-003-00 as revised by supplemental LER 237-2013-003-01, dated 03-26-14)

4Q/13: LER 237/2013-003-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously, submitted in November 2013 for Unit 2 and Unit 3 SSFF

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)	-1.53E-11	1.63E-10	1.62E-10	-1.05E-10	-1.62E-10	-1.62E-10	1.92E-11	8.60E-13
URI (ΔCDF)	-1.40E-09	-4.86E-10	-4.74E-10	-1.04E-09	-1.01E-09	-9.98E-10	-9.98E-10	-9.96E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.40E-09**	**-3.20E-10**	**-3.10E-10**	**-1.10E-09**	**-1.20E-09**	**-1.20E-09**	**-9.80E-10**	**-9.90E-10**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	1.91E-08	-9.49E-09	-1.98E-08	-3.79E-08	-1.89E-08	4.05E-08	1.49E-08	2.61E-08
URI (ΔCDF)	-6.55E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.60E-08**	**-7.50E-08**	**-8.50E-08**	**-1.00E-07**	**-8.40E-08**	**-2.50E-08**	**-5.10E-08**	**-3.90E-08**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	-4.81E-09	-4.17E-09	-4.17E-09	-4.17E-09	-4.15E-09	-4.15E-09	-4.15E-09	-5.43E-09
URI (ΔCDF)	-9.92E-11	-8.81E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-09**	**-4.30E-09**	**-4.30E-09**	**-4.30E-09**	**-4.20E-09**	**-4.20E-09**	**-4.20E-09**	**-5.50E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	-3.25E-10	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.25E-09	-9.85E-10
URI (ΔCDF)	-4.93E-10	-3.10E-09	-3.27E-09	-3.38E-09	-3.66E-09	-3.76E-09	-3.89E-09	-3.98E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.20E-10**	**-4.20E-09**	**-4.40E-09**	**-4.50E-09**	**-4.80E-09**	**-4.90E-09**	**-5.10E-09**	**-5.00E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**4Q/13**	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**
UAI (ΔCDF)	5.70E-11	1.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-10
URI (ΔCDF)	-8.74E-12	5.44E-11	5.36E-11	5.48E-11	5.33E-11	5.36E-11	5.55E-11	5.54E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**4.80E-11**	**2.20E-10**	**5.40E-11**	**5.50E-11**	**5.30E-11**	**5.40E-11**	**5.50E-11**	**9.60E-10**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

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	0.000015	0.000008	0.000012	0.000007	0.000013	0.000016	0.000009	0.000007	0.000014	0.000017	0.000014	0.000017
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**
Maximum activity	0.000019	0.000004	0.000004	0.000009	0.000007	0.000005	0.000009	0.000017	0.000010	0.000012	0.000013	0.000013
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/13**	**11/13**	**12/13**	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**
Maximum leakage	1.617	1.562	1.562	1.565	1.560	1.570	1.552	1.555	1.597	1.585	1.550	1.560
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.5**	**6.2**	**6.2**	**6.3**	**6.2**	**6.3**	**6.2**	**6.2**	**6.4**	**6.3**	**6.2**	**6.2**
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	1.567	1.557	1.602	1.610	1.548	1.547	1.550	1.560	1.563	1.558	1.560	1.547
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.3**	**6.2**	**6.4**	**6.4**	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**	**6.2**	**6.2**	**6.2**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful opportunities	34.0	42.0	79.0	61.0	40.0	47.0	65.0	44.0
Total opportunities	34.0	42.0	80.0	63.0	40.0	47.0	67.0	45.0
Indicator value	**98.0%**	**98.0%**	**98.5%**	**98.1%**	**98.2%**	**98.9%**	**98.8%**	**98.6%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Participating Key personnel	80.0	76.0	78.0	78.0	78.0	72.0	75.0	72.0
Total Key personnel	80.0	76.0	78.0	78.0	78.0	72.0	75.0	72.0
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	2933	2935	2939	2928	2940	2895	2937	2985
Total sirens-tests	2944	2940	2944	2944	2944	2898	2944	2990
Indicator value	**99.8%**	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**	**99.7%**	**99.8%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: December 15, 2015

Dresden 3

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1845.6	2159.0	2184.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	1845.6	2159.0	2184.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/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 > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Safety System Functional Failures	1	0	0	0	1	0	0	1
Indicator value	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**2**

Licensee Comments:

4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

1Q/15: LER 249/2014-001-00, Electromatic Relief Valve Failed to Actuate during Surveillance Testing, dated 1/5/2015

1Q/14: Licensee Event Report 249/2013-001-00, Secondary Containment Inoperable Due to Two Interlock Doors Being Open Simultaneously

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	1.63E-10	1.62E-10	-1.05E-10	-1.62E-10	-1.62E-10	1.92E-11	8.60E-13	-4.58E-11
URI (ΔCDF)	-4.86E-10	-4.74E-10	-1.04E-09	-1.01E-09	-9.98E-10	-9.98E-10	-9.96E-10	-9.83E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.20E-10**	**-3.10E-10**	**-1.10E-09**	**-1.20E-09**	**-1.20E-09**	**-9.80E-10**	**-9.90E-10**	**-1.00E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	-9.49E-09	-1.98E-08	-3.79E-08	-1.89E-08	4.05E-08	1.49E-08	2.61E-08	2.41E-08
URI (ΔCDF)	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-7.50E-08**	**-8.50E-08**	**-1.00E-07**	**-8.40E-08**	**-2.50E-08**	**-5.10E-08**	**-3.90E-08**	**-4.10E-08**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	-4.17E-09	-4.17E-09	-4.17E-09	-4.15E-09	-4.15E-09	-4.15E-09	-5.43E-09	-5.43E-09
URI (ΔCDF)	-8.81E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.30E-09**	**-4.30E-09**	**-4.30E-09**	**-4.20E-09**	**-4.20E-09**	**-4.20E-09**	**-5.50E-09**	**-5.50E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.25E-09	-9.85E-10	-9.16E-10
URI (ΔCDF)	-3.10E-09	-3.27E-09	-3.38E-09	-3.66E-09	-3.76E-09	-3.89E-09	-3.98E-09	-3.99E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.20E-09**	**-4.40E-09**	**-4.50E-09**	**-4.80E-09**	**-4.90E-09**	**-5.10E-09**	**-5.00E-09**	**-4.90E-09**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems

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

Notes

Mitigating Systems Performance Index, Cooling Water Systems	**1Q/14**	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**
UAI (ΔCDF)	1.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-10	8.81E-10
URI (ΔCDF)	5.44E-11	5.36E-11	5.48E-11	5.33E-11	5.36E-11	5.55E-11	5.54E-11	6.03E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-10**	**5.40E-11**	**5.50E-11**	**5.30E-11**	**5.40E-11**	**5.50E-11**	**9.60E-10**	**9.40E-10**

Licensee Comments:

1Q/14: Changed PRA Parameter(s).

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	0.000007	0.000013	0.000016	0.000009	0.000007	0.000014	0.000017	0.000014	0.000017	0.000019	0.000004	0.000004
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**
Maximum activity	0.000009	0.000007	0.000005	0.000009	0.000017	0.000010	0.000012	0.000013	0.000013	0.000004	0.000006	0.000023
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/14**	**2/14**	**3/14**	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**
Maximum leakage	1.565	1.560	1.570	1.552	1.555	1.597	1.585	1.550	1.560	1.567	1.557	1.602
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.3**	**6.2**	**6.3**	**6.2**	**6.2**	**6.4**	**6.3**	**6.2**	**6.2**	**6.3**	**6.2**	**6.4**
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	1.610	1.548	1.547	1.550	1.560	1.563	1.558	1.560	1.547	1.552	1.557	1.545
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.4**	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**

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	42.0	79.0	61.0	40.0	47.0	65.0	44.0	27.0
Total opportunities	42.0	80.0	63.0	40.0	47.0	67.0	45.0	27.0
Indicator value	**98.0%**	**98.5%**	**98.1%**	**98.2%**	**98.9%**	**98.8%**	**98.6%**	**98.5%**

Licensee Comments: none

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	76.0	78.0	78.0	78.0	72.0	75.0	72.0	77.0
Total Key personnel	76.0	78.0	78.0	78.0	72.0	75.0	72.0	77.0
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	2935	2939	2928	2940	2895	2937	2985	2943
Total sirens-tests	2940	2944	2944	2944	2898	2944	2990	2944
Indicator value	**99.8%**	**99.8%**	**99.7%**	**99.7%**	**99.8%**	**99.7%**	**99.8%**	**99.9%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: March 1, 2016

Dresden 3

1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	1845.6	2159.0	2184.0	2208.0	2063.8	2183.0
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/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	0
Critical hours	2184.0	2208.0	1845.6	2159.0	2184.0	2208.0	2063.8	2183.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Safety System Functional Failures	0	0	0	1	0	0	1	0
Indicator value	**1**	**1**	**1**	**1**	**1**	**1**	**2**	**1**

Licensee Comments:

4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

1Q/15: LER 249/2014-001-00, Electromatic Relief Valve Failed to Actuate during Surveillance Testing, dated 1/5/2015

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	1.62E-10	-1.05E-10	-1.62E-10	-1.62E-10	1.92E-11	8.60E-13	-3.67E-11	2.69E-11
URI (ΔCDF)	-4.74E-10	-1.04E-09	-1.01E-09	-9.98E-10	-9.98E-10	-9.96E-10	-9.83E-10	-1.01E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-3.10E-10**	**-1.10E-09**	**-1.20E-09**	**-1.20E-09**	**-9.80E-10**	**-9.90E-10**	**-1.00E-09**	**-9.90E-10**

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	-1.98E-08	-3.79E-08	-1.89E-08	4.05E-08	1.49E-08	2.61E-08	2.54E-08	-9.19E-09
URI (ΔCDF)	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.50E-08**	**-1.00E-07**	**-8.40E-08**	**-2.50E-08**	**-5.10E-08**	**-3.90E-08**	**-4.00E-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/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	-4.17E-09	-4.17E-09	-4.15E-09	-4.15E-09	-4.15E-09	-5.43E-09	-5.43E-09	-5.43E-09
URI (ΔCDF)	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.30E-09**	**-4.30E-09**	**-4.20E-09**	**-4.20E-09**	**-4.20E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-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	**2Q/14**	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**
UAI (ΔCDF)	-1.10E-09	-1.10E-09	-1.10E-09	-1.10E-09	-1.25E-09	-9.85E-10	-8.99E-10	-9.02E-10
URI (ΔCDF)	-3.27E-09	-3.38E-09	-3.66E-09	-3.76E-09	-3.89E-09	-3.98E-09	-3.99E-09	-4.08E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.40E-09**	**-4.50E-09**	**-4.80E-09**	**-4.90E-09**	**-5.10E-09**	**-5.00E-09**	**-4.90E-09**	**-5.00E-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/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	9.00E-10	8.86E-10	8.86E-10
URI (ΔCDF)	5.36E-11	5.48E-11	5.33E-11	5.36E-11	5.55E-11	5.54E-11	6.03E-11	6.06E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.40E-11**	**5.50E-11**	**5.30E-11**	**5.40E-11**	**5.50E-11**	**9.60E-10**	**9.50E-10**	**9.50E-10**

Licensee Comments: none

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum activity	0.000009	0.000007	0.000014	0.000017	0.000014	0.000017	0.000019	0.000004	0.000004	0.000009	0.000007	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**
Maximum activity	0.000009	0.000017	0.000010	0.000012	0.000013	0.000013	0.000004	0.000006	0.000023	0.000008	0.000007	0.000016
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**4/14**	**5/14**	**6/14**	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**
Maximum leakage	1.552	1.555	1.597	1.585	1.550	1.560	1.567	1.557	1.602	1.610	1.548	1.547
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.2**	**6.2**	**6.4**	**6.3**	**6.2**	**6.2**	**6.3**	**6.2**	**6.4**	**6.4**	**6.2**	**6.2**
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	1.550	1.560	1.563	1.558	1.560	1.547	1.552	1.557	1.545	1.552	1.547	1.558
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.2**	**6.2**	**6.3**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**

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	79.0	61.0	40.0	47.0	65.0	44.0	27.0	31.0
Total opportunities	80.0	63.0	40.0	47.0	67.0	45.0	27.0	32.0
Indicator value	**98.5%**	**98.1%**	**98.2%**	**98.9%**	**98.8%**	**98.6%**	**98.5%**	**98.3%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Participating Key personnel	78.0	78.0	78.0	72.0	75.0	72.0	77.0	70.0
Total Key personnel	78.0	78.0	78.0	72.0	75.0	72.0	77.0	70.0
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	2939	2928	2940	2895	2937	2985	2943	2942
Total sirens-tests	2944	2944	2944	2898	2944	2990	2944	2944
Indicator value	**99.8%**	**99.7%**	**99.7%**	**99.8%**	**99.7%**	**99.8%**	**99.9%**	**99.9%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: April 23, 2016

Dresden 3

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	1845.6	2159.0	2184.0	2208.0	2063.8	2183.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	1845.6	2159.0	2184.0	2208.0	2063.8	2183.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/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 > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Safety System Functional Failures	0	0	1	0	0	1	0	0
Indicator value	**1**	**1**	**1**	**1**	**1**	**2**	**1**	**1**

Licensee Comments:

4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

1Q/15: LER 249/2014-001-00, Electromatic Relief Valve Failed to Actuate during Surveillance Testing, dated 1/5/2015

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	-1.05E-10	-1.62E-10	-1.62E-10	1.92E-11	8.60E-13	-3.67E-11	2.69E-11	0.00E+00
URI (ΔCDF)	-1.04E-09	-1.01E-09	-9.98E-10	-1.13E-10	-1.11E-10	-8.95E-11	-1.43E-10	-1.73E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-09**	**-1.20E-09**	**-1.20E-09**	**-9.40E-11**	**-1.10E-10**	**-1.30E-10**	**-1.20E-10**	**-1.70E-10**

Licensee Comments:

2Q/15: An MSPI EDG failure that occurred in May 2015 (Issue Report 2507485) was reported to CDE via ICES 319646 in 2nd quarter 2016. ICES 319646 resulted in the re-calculation of EDG URI values from May 2015 onward.

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)	-3.79E-08	-1.89E-08	4.05E-08	1.49E-08	2.61E-08	2.54E-08	-9.19E-09	1.68E-08
URI (ΔCDF)	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.54E-08	-6.55E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.00E-07**	**-8.40E-08**	**-2.50E-08**	**-5.10E-08**	**-3.90E-08**	**-4.00E-08**	**-7.50E-08**	**-4.90E-08**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**3Q/14**	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**
UAI (ΔCDF)	-4.17E-09	-4.15E-09	-4.15E-09	-4.15E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09
URI (ΔCDF)	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.30E-09**	**-4.20E-09**	**-4.20E-09**	**-4.20E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-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)	-1.10E-09	-1.10E-09	-1.10E-09	-1.25E-09	-9.85E-10	-8.99E-10	-9.02E-10	2.35E-10
URI (ΔCDF)	-3.38E-09	-3.66E-09	-3.76E-09	-3.89E-09	-3.98E-09	-3.99E-09	-4.08E-09	-4.17E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.50E-09**	**-4.80E-09**	**-4.90E-09**	**-5.10E-09**	**-5.00E-09**	**-4.90E-09**	**-5.00E-09**	**-3.90E-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/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	9.00E-10	8.86E-10	8.86E-10	8.86E-10
URI (ΔCDF)	5.48E-11	5.33E-11	5.36E-11	5.55E-11	5.54E-11	6.03E-11	6.06E-11	6.06E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.50E-11**	**5.30E-11**	**5.40E-11**	**5.50E-11**	**9.60E-10**	**9.50E-10**	**9.50E-10**	**9.50E-10**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**
Maximum activity	0.000017	0.000014	0.000017	0.000019	0.000004	0.000004	0.000009	0.000007	0.000005	0.000009	0.000017	0.000010
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**
Maximum activity	0.000012	0.000013	0.000013	0.000004	0.000006	0.000023	0.000008	0.000007	0.000016	0.000017	0.000023	0.000022
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**7/14**	**8/14**	**9/14**	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**
Maximum leakage	1.585	1.550	1.560	1.567	1.557	1.602	1.610	1.548	1.547	1.550	1.560	1.563
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.3**	**6.2**	**6.2**	**6.3**	**6.2**	**6.4**	**6.4**	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**
Reactor Coolant System Leakage	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**
Maximum leakage	1.558	1.560	1.547	1.552	1.557	1.545	1.552	1.547	1.558	1.560	1.572	1.558
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**	**6.2**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful opportunities	61.0	40.0	47.0	65.0	44.0	27.0	31.0	80.0
Total opportunities	63.0	40.0	47.0	67.0	45.0	27.0	32.0	80.0
Indicator value	**98.1%**	**98.2%**	**98.9%**	**98.8%**	**98.6%**	**98.5%**	**98.3%**	**98.5%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Participating Key personnel	78.0	78.0	72.0	75.0	72.0	77.0	70.0	64.0
Total Key personnel	78.0	78.0	72.0	75.0	72.0	77.0	70.0	64.0
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	2928	2940	2895	2937	2985	2943	2942	2942
Total sirens-tests	2944	2944	2898	2944	2990	2944	2944	2944
Indicator value	**99.7%**	**99.7%**	**99.8%**	**99.7%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: July 25, 2016

Dresden 3

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	1845.6	2159.0	2184.0	2208.0	2063.8	2183.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1845.6	2159.0	2184.0	2208.0	2063.8	2183.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/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 > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Safety System Functional Failures	0	1	0	0	1	0	0	1
Indicator value	**1**	**1**	**1**	**1**	**2**	**1**	**1**	**2**

Licensee Comments:

3Q/16: LER 249/2016-001-00, "Alert Declared from Unit 3 HPCI Auxiliary Oil Pump Motor Fire," dated 8/25/2016

4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

1Q/15: LER 249/2014-001-00, Electromatic Relief Valve Failed to Actuate during Surveillance Testing, dated 1/5/2015

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	-1.62E-10	-1.62E-10	1.92E-11	8.60E-13	-3.67E-11	2.69E-11	0.00E+00	0.00E+00
URI (ΔCDF)	-1.01E-09	-9.98E-10	-1.13E-10	-1.10E-10	-9.04E-11	-1.44E-10	4.42E-10	4.44E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-09**	**-1.20E-09**	**-9.40E-11**	**-1.10E-10**	**-1.30E-10**	**-1.20E-10**	**4.40E-10**	**4.40E-10**

Licensee Comments:

2Q/15: An MSPI EDG failure that occurred in May 2015 (Issue Report 2507485) was reported to CDE via ICES 319646 in 2nd quarter 2016. ICES 319646 resulted in the re-calculation of EDG URI values from May 2015 onward.

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	-1.89E-08	4.05E-08	1.49E-08	2.61E-08	2.54E-08	-9.19E-09	1.68E-08	8.72E-08
URI (ΔCDF)	-6.54E-08	2.04E-07	2.04E-07	2.04E-07	2.04E-07	2.04E-07	4.74E-07	4.74E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-8.40E-08**	**2.40E-07**	**2.20E-07**	**2.30E-07**	**2.30E-07**	**2.00E-07**	**4.90E-07**	**5.60E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**4Q/14**	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**
UAI (ΔCDF)	-4.15E-09	-4.15E-09	-4.15E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09
URI (ΔCDF)	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-1.05E-10	-1.09E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.20E-09**	**-4.20E-09**	**-4.20E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-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)	-1.10E-09	-1.10E-09	-1.25E-09	-9.85E-10	-8.99E-10	-9.02E-10	2.35E-10	2.35E-10
URI (ΔCDF)	-3.66E-09	-3.76E-09	-3.89E-09	-3.98E-09	-3.99E-09	-4.08E-09	-4.17E-09	-4.49E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.80E-09**	**-4.90E-09**	**-5.10E-09**	**-5.00E-09**	**-4.90E-09**	**-5.00E-09**	**-3.90E-09**	**-4.30E-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/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	9.00E-10	8.86E-10	8.86E-10	8.86E-10	8.86E-10
URI (ΔCDF)	5.33E-11	5.36E-11	5.55E-11	5.54E-11	6.03E-11	6.06E-11	6.06E-11	5.48E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.30E-11**	**5.40E-11**	**5.50E-11**	**9.60E-10**	**9.50E-10**	**9.50E-10**	**9.50E-10**	**9.40E-10**

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	0.000019	0.000004	0.000004	0.000009	0.000007	0.000005	0.000009	0.000017	0.000010	0.000012	0.000013	0.000013
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**10/15**	**11/15**	**12/15**	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**
Maximum activity	0.000004	0.000006	0.000023	0.000008	0.000007	0.000016	0.000017	0.000023	0.000022	0.000023	0.000020	0.000022
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**10/14**	**11/14**	**12/14**	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**
Maximum leakage	1.567	1.557	1.602	1.610	1.548	1.547	1.550	1.560	1.563	1.558	1.560	1.547
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.3**	**6.2**	**6.4**	**6.4**	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**	**6.2**	**6.2**	**6.2**
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	1.552	1.557	1.545	1.552	1.547	1.558	1.560	1.572	1.558	1.570	1.568	1.562
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**	**6.2**	**6.3**	**6.3**	**6.2**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful opportunities	40.0	47.0	65.0	44.0	27.0	31.0	80.0	44.0
Total opportunities	40.0	47.0	67.0	45.0	27.0	32.0	80.0	47.0
Indicator value	**98.2%**	**98.9%**	**98.8%**	**98.6%**	**98.5%**	**98.3%**	**98.5%**	**98.2%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Participating Key personnel	78.0	72.0	75.0	72.0	77.0	70.0	64.0	64.0
Total Key personnel	78.0	72.0	75.0	72.0	77.0	70.0	64.0	64.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	2940	2895	2937	2985	2943	2942	2942	2937
Total sirens-tests	2944	2898	2944	2990	2944	2944	2944	2944
Indicator value	**99.7%**	**99.8%**	**99.7%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: October 23, 2016

Dresden 3

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	2208.0	2063.8	2183.0	2184.0	2208.0	1821.7
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/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	2208.0	2063.8	2183.0	2184.0	2208.0	1821.7
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Safety System Functional Failures	1	0	0	1	0	0	1	0
Indicator value	**1**	**1**	**1**	**2**	**1**	**1**	**2**	**1**

Licensee Comments:

3Q/16: LER 249/2016-001-00, "Alert Declared from Unit 3 HPCI Auxiliary Oil Pump Motor Fire," dated 8/25/2016

4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

1Q/15: LER 249/2014-001-00, Electromatic Relief Valve Failed to Actuate during Surveillance Testing, dated 1/5/2015

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	-1.62E-10	1.92E-11	8.60E-13	-3.67E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-9.98E-10	-1.13E-10	-1.10E-10	-9.04E-11	-1.44E-10	4.42E-10	4.44E-10	4.54E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-09**	**-9.40E-11**	**-1.10E-10**	**-1.30E-10**	**-1.20E-10**	**4.40E-10**	**4.40E-10**	**4.50E-10**

Licensee Comments:

2Q/15: An MSPI EDG failure that occurred in May 2015 (Issue Report 2507485) was reported to CDE via ICES 319646 in 2nd quarter 2016. ICES 319646 resulted in the re-calculation of EDG URI values from May 2015 onward.

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)	4.05E-08	1.49E-08	2.61E-08	2.54E-08	-9.19E-09	1.68E-08	8.72E-08	9.44E-08
URI (ΔCDF)	2.04E-07	2.04E-07	2.04E-07	2.04E-07	2.04E-07	4.74E-07	4.74E-07	4.74E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.40E-07**	**2.20E-07**	**2.30E-07**	**2.30E-07**	**2.00E-07**	**4.90E-07**	**5.60E-07**	**5.70E-07**

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System

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

Notes

Mitigating Systems Performance Index, Heat Removal System	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	-4.15E-09	-4.15E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09
URI (ΔCDF)	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-1.05E-10	-1.09E-10	-1.29E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.20E-09**	**-4.20E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.60E-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	**1Q/15**	**2Q/15**	**3Q/15**	**4Q/15**	**1Q/16**	**2Q/16**	**3Q/16**	**4Q/16**
UAI (ΔCDF)	-1.10E-09	-1.25E-09	-9.85E-10	-8.99E-10	-9.02E-10	2.35E-10	2.35E-10	3.33E-10
URI (ΔCDF)	-3.76E-09	-3.89E-09	-3.98E-09	-3.99E-09	-4.08E-09	-4.17E-09	-4.49E-09	-4.58E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-09**	**-5.10E-09**	**-5.00E-09**	**-4.90E-09**	**-5.00E-09**	**-3.90E-09**	**-4.30E-09**	**-4.30E-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/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (ΔCDF)	0.00E+00	0.00E+00	9.00E-10	8.86E-10	8.86E-10	8.86E-10	8.86E-10	8.95E-10
URI (ΔCDF)	5.36E-11	5.55E-11	5.54E-11	6.03E-11	6.06E-11	6.06E-11	5.48E-11	5.51E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.40E-11**	**5.50E-11**	**9.60E-10**	**9.50E-10**	**9.50E-10**	**9.50E-10**	**9.40E-10**	**9.50E-10**

Licensee Comments: none

Reactor Coolant System Activity

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	0.000009	0.000007	0.000005	0.000009	0.000017	0.000010	0.000012	0.000013	0.000013	0.000004	0.000006	0.000023
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Reactor Coolant System Activity	**1/16**	**2/16**	**3/16**	**4/16**	**5/16**	**6/16**	**7/16**	**8/16**	**9/16**	**10/16**	**11/16**	**12/16**
Maximum activity	0.000008	0.000007	0.000016	0.000017	0.000023	0.000022	0.000023	0.000020	0.000022	0.000023	0.000004	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	**1/15**	**2/15**	**3/15**	**4/15**	**5/15**	**6/15**	**7/15**	**8/15**	**9/15**	**10/15**	**11/15**	**12/15**
Maximum leakage	1.610	1.548	1.547	1.550	1.560	1.563	1.558	1.560	1.547	1.552	1.557	1.545
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.4**	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**
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	1.552	1.547	1.558	1.560	1.572	1.558	1.570	1.568	1.562	1.553	1.568	1.572
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**	**6.2**	**6.3**	**6.3**	**6.2**	**6.2**	**6.3**	**6.3**

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful opportunities	47.0	65.0	44.0	27.0	31.0	80.0	44.0	33.0
Total opportunities	47.0	67.0	45.0	27.0	32.0	80.0	47.0	33.0
Indicator value	**98.9%**	**98.8%**	**98.6%**	**98.5%**	**98.3%**	**98.5%**	**98.2%**	**98.1%**

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Participating Key personnel	72.0	75.0	72.0	77.0	70.0	64.0	64.0	65.0
Total Key personnel	72.0	75.0	72.0	77.0	70.0	64.0	64.0	65.0
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	2895	2937	2985	2943	2942	2942	2937	2852
Total sirens-tests	2898	2944	2990	2944	2944	2944	2944	2852
Indicator value	**99.8%**	**99.7%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

Last Modified: January 24, 2017

United States Nuclear Regulatory Commission
Protecting People and the Environment

Dresden 3 – Quarterly Performance Indicators

1Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2063.8	2183.0	2184.0	2208.0	1821.7	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2063.8	2183.0	2184.0	2208.0	1821.7	2159.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

TOP

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Safety System Functional Failures	0	0	1	0	0	1	0	0
Indicator value	**1**	**1**	**2**	**1**	**1**	**2**	**1**	**1**

TOP

Licensee Comments:
3Q/16: LER 249/2016-001-00, "Alert Declared from Unit 3 HPCI Auxiliary Oil Pump Motor Fire," dated 8/25/2016
4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	1.92E-11	8.60E-13	-3.67E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-1.13E-10	-1.10E-10	-9.04E-11	-1.44E-10	4.42E-10	4.44E-10	4.54E-10	5.31E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-9.40E-11**	**-1.10E-10**	**-1.30E-10**	**-1.20E-10**	**4.40E-10**	**4.40E-10**	**4.50E-10**	**5.30E-10**

TOP

Licensee Comments:
2Q/15: An MSPI EDG failure that occurred in May 2015 (Issue Report 2507485) was reported to CDE via ICES 319646 in 2nd quarter 2016. ICES 319646 resulted in the re-calculation of EDG URI values from May 2015 onward.

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	1.49E-08	2.61E-08	2.54E-08	-9.19E-09	1.68E-08	8.72E-08	9.44E-08	1.07E-07
URI (ΔCDF)	2.04E-07	2.04E-07	2.04E-07	2.04E-07	4.74E-07	4.74E-07	4.74E-07	4.74E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.20E-07**	**2.30E-07**	**2.30E-07**	**2.00E-07**	**4.90E-07**	**5.60E-07**	**5.70E-07**	**5.80E-07**

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	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (ΔCDF)	-4.15E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09
URI (ΔCDF)	-9.23E-11	-9.23E-11	-9.23E-11	-9.23E-11	-1.05E-10	-1.09E-10	-1.29E-10	-1.45E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.20E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.60E-09**	**-5.60E-09**

TOP

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)	-1.25E-09	-9.85E-10	-8.99E-10	-9.02E-10	2.35E-10	2.35E-10	3.33E-10	3.60E-10
URI (ΔCDF)	-3.89E-09	-3.98E-09	-3.99E-09	-4.08E-09	-4.17E-09	-4.49E-09	-4.58E-09	-4.59E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.10E-09**	**-5.00E-09**	**-4.90E-09**	**-5.00E-09**	**-3.90E-09**	**-4.30E-09**	**-4.30E-09**	**-4.20E-09**

TOP

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	9.00E-10	8.86E-10	8.86E-10	8.86E-10	8.86E-10	8.95E-10	8.95E-10
URI (ΔCDF)	5.55E-11	5.54E-11	6.03E-11	6.06E-11	6.06E-11	5.48E-11	5.51E-11	-2.12E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**5.50E-11**	**9.60E-10**	**9.50E-10**	**9.50E-10**	**9.50E-10**	**9.40E-10**	**9.50E-10**	**8.70E-10**

TOP

Licensee Comments: none

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	0.000009	0.000017	0.000010	0.000012	0.000013	0.000013	0.000004	0.000006	0.000023	0.000008	0.000007	0.000016
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum activity	0.000017	0.000023	0.000022	0.000023	0.000020	0.000022	0.000023	0.000004	0.000005	0.000009	0.000009	0.000009
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	1.550	1.560	1.563	1.558	1.560	1.547	1.552	1.557	1.545	1.552	1.547	1.558
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.2**	**6.2**	**6.3**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**

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	1.560	1.572	1.558	1.570	1.568	1.562	1.553	1.568	1.572	1.570	1.572	1.578
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.2**	**6.3**	**6.2**	**6.3**	**6.3**	**6.2**	**6.2**	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**

TOP

Licensee Comments: none

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful opportunities	65.0	44.0	27.0	31.0	80.0	44.0	33.0	34.0
Total opportunities	67.0	45.0	27.0	32.0	80.0	47.0	33.0	35.0
Indicator value	**98.8%**	**98.6%**	**98.5%**	**98.3%**	**98.5%**	**98.2%**	**98.1%**	**97.8%**

TOP

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Participating Key personnel	75.0	72.0	77.0	70.0	64.0	64.0	65.0	65.0
Total Key personnel	75.0	72.0	77.0	70.0	64.0	64.0	65.0	65.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful siren-tests	2937	2985	2943	2942	2942	2937	2852	2986
Total sirens-tests	2944	2990	2944	2944	2944	2944	2852	2990
Indicator value	**99.7%**	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

TOP

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: May 5, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017

Dresden 3 – Quarterly Performance Indicators

2Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2063.8	2183.0	2184.0	2208.0	1821.7	2159.0	2184.0
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	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2063.8	2183.0	2184.0	2208.0	1821.7	2159.0	2184.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

TOP

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Safety System Functional Failures	0	1	0	0	1	0	0	0
Indicator value	**1**	**2**	**1**	**1**	**2**	**1**	**1**	**1**

TOP

Licensee Comments:
3Q/16: LER 249/2016-001-00, "Alert Declared from Unit 3 HPCI Auxiliary Oil Pump Motor Fire," dated 8/25/2016
4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

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)	8.60E-13	-3.67E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-1.10E-10	-9.04E-11	-1.44E-10	4.42E-10	4.44E-10	4.54E-10	5.31E-10	5.21E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.10E-10**	**-1.30E-10**	**-1.20E-10**	**4.40E-10**	**4.40E-10**	**4.50E-10**	**5.30E-10**	**5.20E-10**

TOP

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/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	2.61E-08	2.54E-08	-9.19E-09	1.68E-08	8.72E-08	9.44E-08	1.07E-07	1.07E-07
URI (ΔCDF)	2.04E-07	2.04E-07	2.04E-07	4.74E-07	4.74E-07	4.74E-07	4.74E-07	4.74E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.30E-07**	**2.30E-07**	**2.00E-07**	**4.90E-07**	**5.60E-07**	**5.70E-07**	**5.80E-07**	**5.80E-07**

TOP

Licensee Comments: none

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)	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09
URI (ΔCDF)	-9.23E-11	-9.23E-11	-9.23E-11	-1.05E-10	-1.09E-10	-1.29E-10	-1.45E-10	-1.53E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.60E-09**	**-5.60E-09**	**-5.60E-09**

TOP

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/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (ΔCDF)	-9.85E-10	-8.99E-10	-9.02E-10	2.35E-10	2.35E-10	3.33E-10	3.60E-10	-9.69E-10
URI (ΔCDF)	-3.98E-09	-3.99E-09	-4.08E-09	-4.17E-09	-4.49E-09	-4.58E-09	-4.59E-09	-4.55E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.00E-09**	**-4.90E-09**	**-5.00E-09**	**-3.90E-09**	**-4.30E-09**	**-4.30E-09**	**-4.20E-09**	**-5.50E-09**

TOP

Licensee Comments: none

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)	9.00E-10	8.86E-10	8.86E-10	8.86E-10	8.86E-10	8.95E-10	8.95E-10	8.95E-10
URI (ΔCDF)	5.54E-11	6.03E-11	6.06E-11	6.06E-11	5.48E-11	5.51E-11	-2.12E-11	-2.07E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.60E-10**	**9.50E-10**	**9.50E-10**	**9.50E-10**	**9.40E-10**	**9.50E-10**	**8.70E-10**	**8.70E-10**

TOP

Licensee Comments: none

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	0.000012	0.000013	0.000013	0.000004	0.000006	0.000023	0.000008	0.000007	0.000016	0.000017	0.000023	0.000022
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum activity	0.000023	0.000020	0.000022	0.000023	0.000004	0.000005	0.000009	0.000009	0.000009	0.000010	0.000009	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum leakage	1.558	1.560	1.547	1.552	1.557	1.545	1.552	1.547	1.558	1.560	1.572	1.558
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**	**6.2**

Reactor Coolant System Leakage	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum leakage	1.570	1.568	1.562	1.553	1.568	1.572	1.570	1.572	1.578	1.567	1.578	1.575
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.3**	**6.3**	**6.2**	**6.2**	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**

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	44.0	27.0	31.0	80.0	44.0	33.0	34.0	70.0
Total opportunities	45.0	27.0	32.0	80.0	47.0	33.0	35.0	70.0
Indicator value	**98.6%**	**98.5%**	**98.3%**	**98.5%**	**98.2%**	**98.1%**	**97.8%**	**98.4%**

TOP

Licensee Comments: none

Notes

ERO Drill Participation	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Participating Key personnel	72.0	77.0	70.0	64.0	64.0	65.0	65.0	64.0
Total Key personnel	72.0	77.0	70.0	64.0	64.0	65.0	65.0	64.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

Alert & Notification System

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	2985	2943	2942	2942	2937	2852	2986	2941
Total sirens-tests	2990	2944	2944	2944	2944	2852	2990	2944
Indicator value	**99.8%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

TOP

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: July 26, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017

United States Nuclear Regulatory Commission
Protecting People and the Environment

Dresden 3 – Quarterly Performance Indicators

3Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs

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	2063.8	2183.0	2184.0	2208.0	1821.7	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

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	0	0	0	0	0	0	0
Critical hours	2063.8	2183.0	2184.0	2208.0	1821.7	2159.0	2184.0	2208.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

TOP

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Safety System Functional Failures	1	0	0	1	0	0	0	0
Indicator value	**2**	**1**	**1**	**2**	**1**	**1**	**1**	**0**

TOP

Licensee Comments:
3Q/16: LER 249/2016-001-00, "Alert Declared from Unit 3 HPCI Auxiliary Oil Pump Motor Fire," dated 8/25/2016
4Q/15: LER 237/2015-003-00 Unit 2 Turbine Building to Reactor Building Interlock Doors Open Simultaneously, dated 10/30/15

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-3.67E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-9.04E-11	-1.44E-10	4.42E-10	4.44E-10	4.54E-10	5.31E-10	5.21E-10	5.35E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.30E-10**	**-1.20E-10**	**4.40E-10**	**4.40E-10**	**4.50E-10**	**5.30E-10**	**5.20E-10**	**5.30E-10**

TOP

Licensee Comments: none

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	2.54E-08	-9.19E-09	1.68E-08	8.72E-08	9.44E-08	1.07E-07	1.07E-07	1.07E-07
URI (ΔCDF)	2.04E-07	2.04E-07	4.74E-07	4.74E-07	4.74E-07	4.74E-07	4.74E-07	4.74E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.30E-07**	**2.00E-07**	**4.90E-07**	**5.60E-07**	**5.70E-07**	**5.80E-07**	**5.80E-07**	**5.80E-07**

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)	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09
URI (ΔCDF)	-9.23E-11	-9.23E-11	-1.05E-10	-1.09E-10	-1.29E-10	-1.45E-10	-1.53E-10	-1.53E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.60E-09**	**-5.60E-09**	**-5.60E-09**	**-5.60E-09**

TOP

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/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (ΔCDF)	-8.99E-10	-9.02E-10	2.35E-10	2.35E-10	3.33E-10	3.60E-10	-9.69E-10	-7.79E-11
URI (ΔCDF)	-3.99E-09	-4.08E-09	-4.17E-09	-4.49E-09	-4.58E-09	-4.59E-09	-4.55E-09	-4.55E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-4.90E-09**	**-5.00E-09**	**-3.90E-09**	**-4.30E-09**	**-4.30E-09**	**-4.20E-09**	**-5.50E-09**	**-4.60E-09**

TOP

Licensee Comments: none

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)	8.86E-10	8.86E-10	8.86E-10	8.86E-10	8.95E-10	8.95E-10	8.95E-10	8.95E-10
URI (ΔCDF)	6.03E-11	6.06E-11	6.06E-11	5.48E-11	5.51E-11	-2.12E-11	-2.07E-11	-2.10E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.50E-10**	**9.50E-10**	**9.50E-10**	**9.40E-10**	**9.50E-10**	**8.70E-10**	**8.70E-10**	**8.70E-10**

TOP

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum activity	0.000004	0.000006	0.000023	0.000008	0.000007	0.000016	0.000017	0.000023	0.000022	0.000023	0.000020	0.000022
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17
Maximum activity	0.000023	0.000004	0.000005	0.000009	0.000009	0.000009	0.000010	0.000009	0.000007	0.000007	0.000005	0.000006
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum leakage	1.552	1.557	1.545	1.552	1.547	1.558	1.560	1.572	1.558	1.570	1.568	1.562
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**	**6.2**	**6.3**	**6.3**	**6.2**

Reactor Coolant System Leakage	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17
Maximum leakage	1.553	1.568	1.572	1.570	1.572	1.578	1.567	1.578	1.575	1.585	1.600	1.587
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.2**	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**	**6.4**	**6.3**

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	27.0	31.0	80.0	44.0	33.0	34.0	70.0	48.0
Total opportunities	27.0	32.0	80.0	47.0	33.0	35.0	70.0	48.0
Indicator value	**98.5%**	**98.3%**	**98.5%**	**98.2%**	**98.1%**	**97.8%**	**98.4%**	**98.7%**

TOP

Licensee Comments: none

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Participating Key personnel	77.0	70.0	64.0	64.0	65.0	65.0	64.0	61.0
Total Key personnel	77.0	70.0	64.0	64.0	65.0	65.0	64.0	61.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

Notes

Alert & Notification System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful siren-tests	2943	2942	2942	2937	2852	2986	2941	2892
Total sirens-tests	2944	2944	2944	2944	2852	2990	2944	2898
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

TOP

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: October 31, 2017

Page Last Reviewed/Updated Monday, November 06, 2017

United States Nuclear Regulatory Commission
Protecting People and the Environment

Dresden 3 – Quarterly Performance Indicators

4Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
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- Safety System Functional Failures (MS05)
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- 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	2183.0	2184.0	2208.0	1821.7	2159.0	2184.0	2208.0	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	0	0	0	0	0	0	0	0
Critical hours	2183.0	2184.0	2208.0	1821.7	2159.0	2184.0	2208.0	2209.0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**

TOP

Licensee Comments: none

Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	**1**	**1**	**2**	**1**	**1**	**1**	**0**	**0**

TOP

Licensee Comments:
3Q/16: LER 249/2016-001-00, "Alert Declared from Unit 3 HPCI Auxiliary Oil Pump Motor Fire," dated 8/25/2016

Mitigating Systems Performance Index, Emergency AC Power System

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

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	2.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
URI (ΔCDF)	-1.44E-10	4.42E-10	4.44E-10	4.54E-10	5.31E-10	5.21E-10	5.35E-10	5.56E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-1.20E-10**	**4.40E-10**	**4.40E-10**	**4.50E-10**	**5.30E-10**	**5.20E-10**	**5.30E-10**	**5.60E-10**

TOP

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

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

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-9.19E-09	1.68E-08	8.72E-08	9.44E-08	1.07E-07	1.07E-07	1.07E-07	8.63E-08
URI (ΔCDF)	2.04E-07	4.74E-07	4.74E-07	4.74E-07	4.74E-07	4.74E-07	4.74E-07	4.74E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**2.00E-07**	**4.90E-07**	**5.60E-07**	**5.70E-07**	**5.80E-07**	**5.80E-07**	**5.80E-07**	**5.60E-07**

TOP

Licensee Comments: none

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09	-5.43E-09
URI (ΔCDF)	-9.23E-11	-1.05E-10	-1.09E-10	-1.29E-10	-1.45E-10	-1.53E-10	-1.53E-10	-1.53E-10
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.50E-09**	**-5.50E-09**	**-5.50E-09**	**-5.60E-09**	**-5.60E-09**	**-5.60E-09**	**-5.60E-09**	**-5.60E-09**

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System

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

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	-9.02E-10	2.35E-10	2.35E-10	3.33E-10	3.60E-10	-9.69E-10	-7.79E-11	2.18E-10
URI (ΔCDF)	-4.08E-09	-4.17E-09	-4.49E-09	-4.58E-09	-4.59E-09	-4.55E-09	-4.55E-09	-4.42E-09
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**-5.00E-09**	**-3.90E-09**	**-4.30E-09**	**-4.30E-09**	**-4.20E-09**	**-5.50E-09**	**-4.60E-09**	**-4.20E-09**

TOP

Licensee Comments: none

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (ΔCDF)	8.86E-10	8.86E-10	8.86E-10	8.95E-10	8.95E-10	8.95E-10	8.95E-10	8.82E-10
URI (ΔCDF)	6.06E-11	6.06E-11	5.48E-11	5.51E-11	-2.12E-11	-2.07E-11	-2.10E-11	-2.03E-11
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	**9.50E-10**	**9.50E-10**	**9.40E-10**	**9.50E-10**	**8.70E-10**	**8.70E-10**	**8.70E-10**	**8.60E-10**

TOP

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum activity	0.000008	0.000007	0.000016	0.000017	0.000023	0.000022	0.000023	0.000020	0.000022	0.000023	0.000004	0.000005
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Reactor Coolant System Activity	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17	10/17	11/17	12/17
Maximum activity	0.000009	0.000009	0.000009	0.000010	0.000009	0.000007	0.000007	0.000005	0.000006	0.000007	0.000007	0.000007
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum leakage	1.552	1.547	1.558	1.560	1.572	1.558	1.570	1.568	1.562	1.553	1.568	1.572
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.2**	**6.2**	**6.2**	**6.2**	**6.3**	**6.2**	**6.3**	**6.3**	**6.2**	**6.2**	**6.3**	**6.3**

Reactor Coolant System Leakage	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17	10/17	11/17	12/17
Maximum leakage	1.570	1.572	1.578	1.567	1.578	1.575	1.585	1.600	1.587	1.588	1.580	1.582
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**	**6.3**	**6.4**	**6.3**	**6.4**	**6.3**	**6.3**

TOP

Licensee Comments: none

Notes

Drill/Exercise Performance	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful opportunities	31.0	80.0	44.0	33.0	34.0	70.0	48.0	28.0
Total opportunities	32.0	80.0	47.0	33.0	35.0	70.0	48.0	28.0
Indicator value	**98.3%**	**98.5%**	**98.2%**	**98.1%**	**97.8%**	**98.4%**	**98.7%**	**98.7%**

TOP

Licensee Comments: none

Notes

ERO Drill Participation	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Participating Key personnel	70.0	64.0	64.0	65.0	65.0	64.0	61.0	65.0
Total Key personnel	70.0	64.0	64.0	65.0	65.0	64.0	61.0	65.0
Indicator value	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

TOP

Licensee Comments: none

Notes

Alert & Notification System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful siren-tests	2942	2942	2937	2852	2986	2941	2892	2897
Total sirens-tests	2944	2944	2944	2852	2990	2944	2898	2898
Indicator value	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**	**99.9%**

TOP

Licensee Comments: none

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: February 1, 2018

Page Last Reviewed/Updated Monday, November 06, 2017