DOCKET: 313 PREPARER NAME: Steven L. Coffman UNIT\_NME: ANO Unit 1 PREPARER TELEPHONE: 479-858-5560

RPT\_PERIOD: 201107

Design Electrical Rating: 850
 Maximum Dependable Capacity (MWe-Net) 836

Yr-to-Date **This Month** Cumulative 3. Number of Hours the Reactor was Critical 744.00 5,087.00 261,755.14 4. Number of Hours Generator On-line 5,087.00 744.00 258,649.68 5. Reserve Shutdown Hours 0.00 0.00 817.50 6. Net Electrical energy Generated (MWHrs) 622,076.00 203,705,495.24 4,105,375.00

**UNIT SHUTDOWNS** 

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 313 PREPARER NAME: Steven L. Coffman UNIT\_NME: ANO Unit 1 PREPARER TELEPHONE: 479-858-5560

RPT\_PERIOD: 201108

Design Electrical Rating: 850
 Maximum Dependable Capacity (MWe-Net) 836

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,831.00
 262,499.14

 4. Number of Hours Generator On-line
 744.00
 5,831.00
 259,393.68

 5. Reserve Shutdown Hours
 0.00
 0.00
 817.50

6. Net Electrical energy Generated (MWHrs) 624,636.00 4,730,011.00 204,330,131.24

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 313 PREPARER NAME: Steven L. Coffman
UNIT NME: ANO Unit 1

UNIT\_NME: ANO Unit 1 PREPARER TELEPHONE: 479-858-5560 RPT\_PERIOD: 201109

Design Electrical Rating: 850
 Maximum Dependable Capacity (MWe-Net) 836

Yr-to-Date **This Month** Cumulative 3. Number of Hours the Reactor was Critical 720.00 6,551.00 263,219.14 4. Number of Hours Generator On-line 720.00 6,551.00 260,113.68 5. Reserve Shutdown Hours 0.00 817.50 0.00 6. Net Electrical energy Generated (MWHrs) 604,492.00 5,334,503.00 204,934,623.24

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The Unit began the month at, or near full power. On 09/25/2011, an end of cycle fuel coast down was commenced in preparation for the 1R23 Refueling Outage. The Unit ended the month at approximately 93% power.

DOCKET: 368 PREPARER NAME: Steven L. Coffman UNIT\_NME: ANO Unit 2 PREPARER TELEPHONE: 479-858-5560

RPT\_PERIOD: 201107

1. Design Electrical Rating: 1032 2. Maximum Dependable Capacity (MWe-Net) 988

Yr-to-Date **This Month** Cumulative 3. Number of Hours the Reactor was Critical 744.00 4,282.95 232,076.23 4. Number of Hours Generator On-line 4,271.85 744.00 229,328.90 5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 737,940.00 4,141,778.00 205,577,913.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 368 PREPARER NAME: Steven L. Coffman UNIT\_NME: ANO Unit 2 PREPARER TELEPHONE: 479-858-5560

RPT\_PERIOD: 201108

Design Electrical Rating: 1032
 Maximum Dependable Capacity (MWe-Net) 988

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,026.95
 232,820.23

 4. Number of Hours Generator On-line
 744.00
 5,015.85
 230,072.90

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 738,874.00 4,880,652.00 206,316,787.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 368 PREPARER NAME: Steven L. Coffman UNIT\_NME: ANO Unit 2 PREPARER TELEPHONE: 479-858-5560

RPT\_PERIOD: 201109

Design Electrical Rating: 1032
 Maximum Dependable Capacity (MWe-Net) 988

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,746.95	233,540.23
4. Number of Hours Generator On-line	720.00	5,735.85	230,792.90
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 722,387.00 5,603,039.00 207,039,174.00

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 334 PREPARER NAME:

David T. Jones Beaver Valley Unit 1 UNIT\_NME: PREPARER TELEPHONE: 724-682-4962

RPT\_PERIOD: 201107

1. Design Electrical Rating: 911 2. Maximum Dependable Capacity (MWe-Net) 892

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,039.38	229,816.59
4. Number of Hours Generator On-line	744.00	5,029.33	227,146.70
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 662,538.40 4,508,978.90 178,326,581.00

# **UNIT SHUTDOWNS**

		Туре			Method of		
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action	
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY The Unit operated at a nominal value of 100% output for the entire month of July, except for 5 separate power reductions due to high ambient weather conditions which caused high Condenser backpressure. As these were beyond management control, the losses do not impact the INPO indicators.

DOCKET: 334 PREPARER NAME:

David T. Jones Beaver Valley Unit 1 UNIT\_NME: PREPARER TELEPHONE: 724-682-4962

RPT\_PERIOD: 201108

1. Design Electrical Rating: 911 2. Maximum Dependable Capacity (MWe-Net) 892

Yr-to-Date Cumulative **This Month** 3. Number of Hours the Reactor was Critical 744.00 5,783.38 230,560.59 4. Number of Hours Generator On-line 227,890.70 744.00 5,773.33 5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 669,437.80 178,996,018.80 5,178,416.70

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The Unit operated at a nominal value of 100% power for the entire month of August 2011.

DOCKET: 334 PREPARER NAME: David T. Jones

UNIT\_NME: Beaver Valley Unit 1 PREPARER TELEPHONE: 724-682-4962

RPT\_PERIOD: 201109

Design Electrical Rating: 911
 Maximum Dependable Capacity (MWe-Net) 892

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,503.38
 231,280.59

 4. Number of Hours Generator On-line
 720.00
 6,493.33
 228,610.70

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 651,576.00 5,829,992.70 179,647,594.80

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Beaver Valley Unit 1 operated at a nominal value of 100% output for the entire month of September 2011.

DOCKET: 412 PREPARER NAME: David T. Jones

UNIT\_NME: Beaver Valley Unit 2 PREPARER TELEPHONE: 724-682-4962

RPT\_PERIOD: 201107

Design Electrical Rating: 904
 Maximum Dependable Capacity (MWe-Net) 885

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,281.09
 179,546.90

 4. Number of Hours Generator On-line
 744.00
 4,247.29
 178,655.50

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 660,434.00 3,772,780.30 144,792,063.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The Unit operated at a nominal value of 100% output for the entire month of July 2011.

DOCKET: 412 PREPARER NAME: David T. Jones

UNIT\_NME: Beaver Valley Unit 2 PREPARER TELEPHONE: 724-682-4962

RPT\_PERIOD: 201108

Design Electrical Rating: 904
 Maximum Dependable Capacity (MWe-Net) 885

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,025.09
 180,290.90

 4. Number of Hours Generator On-line
 744.00
 4,991.29
 179,399.50

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 664,191.00 4,436,971.30 145,456,254.00

**UNIT SHUTDOWNS** 

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The Unit operated at a nominal value of 100% power for the entire month of August 2011.

DOCKET: 412 PREPARER NAME: David T. Jones

UNIT\_NME: Beaver Valley Unit 2 PREPARER TELEPHONE: 724-682-4962

RPT\_PERIOD: 201109

Design Electrical Rating: 904
 Maximum Dependable Capacity (MWe-Net) 885

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,745.09	181,010.90
4. Number of Hours Generator On-line	720.00	5,711.29	180,119.50
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 646,132.50 5,083,103.80 146,102,386.50

# **UNIT SHUTDOWNS**

	Type				Method of		
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Beaver Valley Unit 2 operated at a nominal value of 100% output for the entire month of September 2011.

DOCKET: 456 PREPARER NAME: Hildebrant

UNIT\_NME: Braidwood Unit 1 PREPARER TELEPHONE: 815/417-2173

RPT\_PERIOD: 201107

Design Electrical Rating: 1187
 Maximum Dependable Capacity (MWe-Net) 1156

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	178,324.03
4. Number of Hours Generator On-line	744.00	5,087.00	177,245.77
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 842,184.00 6,049,836.00 197,584,691.00

# **UNIT SHUTDOWNS**

		Туре			Method of	
		F: Forced	<b>Duration</b>		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 - Operated normally at full load until 07/16/2011 when load was reduced to 22% power to locate the source of an indicated Reactor Coolant System leak (IR 1238685). The leak was found and repaired. On 07/14/2011 the Unit was returned to full load and operated normally for the remainder of the month.

DOCKET: 456 PREPARER NAME: Hildebrant

UNIT\_NME: Braidwood Unit 1 PREPARER TELEPHONE: 815/417-2173

RPT\_PERIOD: 201108

Design Electrical Rating: 1187
 Maximum Dependable Capacity (MWe-Net) 1156

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	179,068.03
4. Number of Hours Generator On-line	744.00	5,831.00	177,989.77
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 866,917.00 6,916,753.00 198,451,608.00

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 - Operated normally at full load for the entire month.

DOCKET: 456 PREPARER NAME: Hildebrant

UNIT\_NME: Braidwood Unit 1 PREPARER TELEPHONE: 815/417-2173

RPT\_PERIOD: 201109

Design Electrical Rating: 1187
 Maximum Dependable Capacity (MWe-Net) 1156

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	179,788.03
4. Number of Hours Generator On-line	720.00	6,551.00	178,709.77
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 847,872.00 7,764,625.00 199,299,480.00

# **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 - On 09/02/2011 load was reduced ~320 MWe due to the #2 Throttle Valve Failure (IR 1259087). Following repairs the Unit operated normally at full load from 09/03/2011 for the remainder of the month.

DOCKET: 457 PREPARER NAME: Hildebrant

UNIT\_NME: Braidwood Unit 2 PREPARER TELEPHONE: 815/417-2173

RPT\_PERIOD: 201107

Design Electrical Rating: 1155
 Maximum Dependable Capacity (MWe-Net) 1131

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,519.47	181,996.90
4. Number of Hours Generator On-line	744.00	4,504.85	181,160.45
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 838,807.00 5,120,085.00 200,463,223.00

# **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 - Operated normally at full load for the entire month.

DOCKET: 457 PREPARER NAME: Hildebrant

UNIT\_NME: Braidwood Unit 2 PREPARER TELEPHONE: 815/417-2173

RPT\_PERIOD: 201108

Design Electrical Rating: 1155
 Maximum Dependable Capacity (MWe-Net) 1131

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,263.47
 182,740.90

 4. Number of Hours Generator On-line
 744.00
 5,248.85
 181,904.45

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 840,332.00 5,960,417.00 201,303,555.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 - Operated normally at full load for the entire month.

DOCKET: 457 PREPARER NAME: Hildebrant

UNIT\_NME: Braidwood Unit 2 PREPARER TELEPHONE: 815/417-2173

RPT\_PERIOD: 201109

Design Electrical Rating: 1155
 Maximum Dependable Capacity (MWe-Net) 1131

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 5,983.47
 183,460.90

 4. Number of Hours Generator On-line
 720.00
 5,968.85
 182,624.45

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 829,550.00 6,789,967.00 202,133,105.00

# **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Unit 2 - Operated normally at full load for the entire month.

DOCKET: 259 PREPARER NAME: Amanda Ledford

UNIT\_NME: Browns Ferry Unit 1 PREPARER TELEPHONE: 729-7914

RPT\_PERIOD: 201107

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1101

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,549.88
 92,864.78

 4. Number of Hours Generator On-line
 744.00
 4,492.25
 91,064.02

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 759,044.00 4,900,417.97 88,229,032.81

# **UNIT SHUTDOWNS**

	Type					
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 259 PREPARER NAME: Amanda Ledford

UNIT\_NME: Browns Ferry Unit 1 PREPARER TELEPHONE: 729-7914

RPT\_PERIOD: 201108

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1101

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,293.88	93,608.78
4. Number of Hours Generator On-line	744.00	5,236.25	91,808.02
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 752,902.33 5,653,320.30 88,981,935.14

# **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

DOCKET: 259 PREPARER NAME: Amanda Ledford

UNIT\_NME: Browns Ferry Unit 1 PREPARER TELEPHONE: 729-7914

RPT\_PERIOD: 201109

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1101

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,013.88
 94,328.78

 4. Number of Hours Generator On-line
 720.00
 5,956.25
 92,528.02

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 767,584.67 6,420,904.97 89,749,519.81

# **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 260 PREPARER NAME: Amanda Ledford

UNIT\_NME: Browns Ferry Unit 2 PREPARER TELEPHONE: 729-7914

RPT\_PERIOD: 201107

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1104

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,526.17	216,917.27
4. Number of Hours Generator On-line	744.00	3,420.32	213,675.23
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 807,620.00 3,691,321.00 218,721,644.41

# **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 260 PREPARER NAME: Amanda Ledford

UNIT\_NME: Browns Ferry Unit 2 PREPARER TELEPHONE: 729-7914

RPT\_PERIOD: 201108

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1104

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 4,270.17 217,661.27
4. Number of Hours Generator On-line 744.00 4,164.32 214,419.23
5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 745,606.33 4,436,927.33 219,467,250.74

### **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

DOCKET: 260 PREPARER NAME: Amanda Ledford

UNIT\_NME: Browns Ferry Unit 2 PREPARER TELEPHONE: 729-7914

RPT\_PERIOD: 201109

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1104

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	4,990.17	218,381.27
4. Number of Hours Generator On-line	720.00	4,884.32	215,139.23
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 803,096.67 5,240,024.00 220,270,347.41

# **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

DOCKET: 296 PREPARER NAME: Amanda Ledford

UNIT\_NME: Browns Ferry Unit 3 PREPARER TELEPHONE: 729-7914

RPT\_PERIOD: 201107

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1105

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,162.74	173,860.74
4. Number of Hours Generator On-line	744.00	4,128.79	172,008.26
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 798,600.00 4,518,419.67 179,741,568.74

# **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

DOCKET: 296 PREPARER NAME: Amanda Ledford

UNIT\_NME: Browns Ferry Unit 3 PREPARER TELEPHONE: 729-7914

RPT\_PERIOD: 201108

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1105

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,906.74
 174,604.74

 4. Number of Hours Generator On-line
 744.00
 4,872.79
 172,752.26

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 758,936.33 5,277,356.00 180,500,505.07

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 296 PREPARER NAME: Amanda Ledford

UNIT\_NME: Browns Ferry Unit 3 PREPARER TELEPHONE: 729-7914

RPT\_PERIOD: 201109

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1105

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 677.05
 5,583.79
 175,281.79

 4. Number of Hours Generator On-line
 652.00
 5,524.79
 173,404.26

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 718,775.67 5,996,131.67 181,219,280.74

### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
01	9/28/2011	F	68.00	В	3	Turbine trip and a subsequent reactor scram due to a generator trip signal. Trip was caused by a piece of bus duct grating in the iso phase bus duct that had broken loose and created a ground that resulted in the generator trip.

DOCKET: 325 PREPARER NAME: Brandon Erichsen

UNIT\_NME: Brunswick Unit 1 PREPARER TELEPHONE: 910-457-2912

RPT\_PERIOD: 201107

Design Electrical Rating: 983
 Maximum Dependable Capacity (MWe-Net) 938

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,012.72
 230,327.50

 4. Number of Hours Generator On-line
 744.00
 4,990.90
 225,322.76

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 690,027.00 4,750,910.00 180,288,524.00

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 325 PREPARER NAME: Brandon Erichsen

UNIT\_NME: Brunswick Unit 1 PREPARER TELEPHONE: 910-457-2912

RPT\_PERIOD: 201108

Design Electrical Rating: 983
 Maximum Dependable Capacity (MWe-Net) 938

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 5,756.72 231,071.50
4. Number of Hours Generator On-line 744.00 5,734.90 226,066.76

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 684,216.00 5,435,126.00 180,972,740.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 325 PREPARER NAME: Brandon Erichson

UNIT\_NME: Brunswick Unit 1 PREPARER TELEPHONE: 910-457-2912

RPT\_PERIOD: 201109

Design Electrical Rating: 983
 Maximum Dependable Capacity (MWe-Net) 938

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,476.72
 231,791.50

 4. Number of Hours Generator On-line
 720.00
 6,454.90
 226,786.76

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 685,595.00 6,120,721.00 181,658,335.00

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 324 PREPARER NAME: Brandon Erichsen

UNIT\_NME: Brunswick Unit 2 PREPARER TELEPHONE: 910-457-2912

RPT\_PERIOD: 201107

Design Electrical Rating: 980
 Maximum Dependable Capacity (MWe-Net) 920

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,101.66
 239,090.32

 4. Number of Hours Generator On-line
 744.00
 3,987.95
 232,403.18

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 693,700.00 3,657,588.00 179,015,546.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 324 PREPARER NAME: Brandon Erichsen

UNIT\_NME: Brunswick Unit 2 PREPARER TELEPHONE: 910-457-2912

RPT\_PERIOD: 201108

Design Electrical Rating: 980
 Maximum Dependable Capacity (MWe-Net) 920

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,845.66	239,834.32
4. Number of Hours Generator On-line	744.00	4,731.95	233,147.18
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 679,713.00 4,337,301.00 179,695,259.00

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 324 PREPARER NAME: Brandon Erichson

UNIT\_NME: Brunswick Unit 2 PREPARER TELEPHONE: 910-457-2912

RPT\_PERIOD: 201109

Design Electrical Rating: 980
 Maximum Dependable Capacity (MWe-Net) 920

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,565.66	240,554.32
4. Number of Hours Generator On-line	720.00	5,451.95	233,867.18
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 626,341.00 4,963,642.00 180,321,600.00

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 454 PREPARER NAME: David Eder
UNIT\_NME: Byron Unit 1 PREPARER TELEPHONE: 815 406-2194

RPT\_PERIOD: 201107

Design Electrical Rating: 1187
 Maximum Dependable Capacity (MWe-Net) 1152

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,112.65
 200,209.56

 4. Number of Hours Generator On-line
 744.00
 4,086.03
 199,068.35

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 850,642.00 4,707,627.00 216,825,153.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 on line the entire month

DOCKET: 454 PREPARER NAME: David Eder

Byron Unit 1 UNIT\_NME: PREPARER TELEPHONE: 815 406-2194 RPT\_PERIOD: 201108

1. Design Electrical Rating: 1187 2. Maximum Dependable Capacity (MWe-Net) 1138

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,856.65	200,953.56
4. Number of Hours Generator On-line	744.00	4,830.03	199,812.35
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 855,936.00 5,563,563.00 217,681,089.00

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY MDC was changed effective August 1. This change was due to implementation of Precision Feedwater Flow measurement (LEFM) and discovery of a historical Feedwater flow venturi discharge coefficient issue.

Unit 1 was on line the entire month.

DOCKET: 454 PREPARER NAME: David Eder
UNIT\_NME: Byron Unit 1 PREPARER TELEPHONE: 815 406-2194

RPT\_PERIOD: 201109

Design Electrical Rating: 1187
 Maximum Dependable Capacity (MWe-Net) 1138

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 5,576.65
 201,673.56

 4. Number of Hours Generator On-line
 720.00
 5,550.03
 200,532.35

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 835,020.00 6,398,583.00 218,516,109.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY unit on line the entire month of September

DOCKET: 455 PREPARER NAME: David Eder
UNIT\_NME: Byron Unit 2 PREPARER TELEPHONE: 815 406-2194

RPT\_PERIOD: 201107

Design Electrical Rating: 1155
 Maximum Dependable Capacity (MWe-Net) 1125

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 4,974.45 193,630.35
4. Number of Hours Generator On-line 744.00 4,967.03 192,742.81
5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 838,959.00 5,677,640.00 208,891,042.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 on line the entire month

DOCKET: 455 PREPARER NAME: David Eder PREPARER TELEPHONE: 815 406-2194

Byron Unit 2 UNIT\_NME: RPT\_PERIOD: 201108

1. Design Electrical Rating: 1155 2. Maximum Dependable Capacity (MWe-Net) 1120

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,718.45	194,374.35
4. Number of Hours Generator On-line	744.00	5,711.03	193,486.81
5. Reserve Shutdown Hours	0.00	0.00	0.00

842,671.00 6. Net Electrical energy Generated (MWHrs) 6,520,311.00 209,733,713.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY MDC was changed effective August 1. This change was due to implementation the discovery of a historical Feedwater flow venturi discharge coefficient issue.

Unit 2 was on line the entire month.

DOCKET: 455 PREPARER NAME: David Eder
UNIT\_NME: Byron Unit 2 PREPARER TELEPHONE: 815 406-2194

RPT\_PERIOD: 201109

Design Electrical Rating: 1155
 Maximum Dependable Capacity (MWe-Net) 1120

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 431.02 6,149.47 194,805.37
4. Number of Hours Generator On-line 431.00 6,142.03 193,917.81
5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 479,823.00 7,000,134.00 210,213,536.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
B2R16	9/18/2011	S	289.00	С	1	Scheduled shutdown Unit 2 refueling outage (B2R16).

SUMMARY Unit 2 started refuleing outage B2R16 at 2300 9/18/11.

DOCKET: 483 PREPARER NAME: A. C. Schnitz

UNIT\_NME: Callaway Unit 1 PREPARER TELEPHONE: 573.220.9798

RPT\_PERIOD: 201107

Design Electrical Rating: 1228
 Maximum Dependable Capacity (MWe-Net) 1190

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	209,064.88
4. Number of Hours Generator On-line	744.00	5,087.00	206,633.11
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 885,426.00 6,181,244.00 233,419,614.00

## **UNIT SHUTDOWNS**

		Type		Method of			
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action	
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Callaway operated at essentially full power for the month of July. Unplanned energy loss attributed to minor condenser fouling was observed.

DOCKET: 483 PREPARER NAME: A. Schnitz

UNIT\_NME: Callaway Unit 1 PREPARER TELEPHONE: 573.220.9798

RPT\_PERIOD: 201108

1. Design Electrical Rating: 12

Design Electrical Rating: 1228
 Maximum Dependable Capacity (MWe-Net) 1190

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	209,808.88
4. Number of Hours Generator On-line	744.00	5,831.00	207,377.11
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 891,052.00 7,072,296.00 234,310,666.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unplanned energy loss attributed to minor condenser fouling was observed. Otherwise, Callaway operated at essentially full power for the month of August.

DOCKET: 483 PREPARER NAME: A. C. Schnitz

UNIT\_NME: Callaway Unit 1 PREPARER TELEPHONE: 573.220.9798

RPT\_PERIOD: 201109

Design Electrical Rating: 1228
 Maximum Dependable Capacity (MWe-Net) 1190

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	210,528.88
4. Number of Hours Generator On-line	720.00	6,551.00	208,097.11
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 856,251.00 7,928,547.00 235,166,917.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY In September, Callaway underwent a downpower for planned maintenance on the "A" Feedwater Heater Drain Pump. While this work was underway, the resulting steam generator chemistry necessitated an unplanned downpower to ~90-95%.

DOCKET: 317 PREPARER NAME: Herman O. Olsen

UNIT\_NME: Calvert Cliffs Unit 1 PREPARER TELEPHONE: 410-495-6734

RPT\_PERIOD: 201107

845 1. Design Electrical Rating: 2. Maximum Dependable Capacity (MWe-Net) 855

**This Month** Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 744.00 5,087.00 255,016.26 4. Number of Hours Generator On-line 744.00 5,087.00 251,576.56

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 615,162.00 4,434,282.00 209,273,411.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit began the month at 98% power while returning to full power from Moderator Temperature Coefficient (PSTP-4) testing. The unit reached 100% at 0130.

On 07/01/2011 at 0655, power was reduced to 99.5% for due to a loss of the plant computer. The computer was restored and power was returned to 100% at 0915.

On 07/31/2011 at 0910, power was reduced to 85% due to fouling of condensers. Waterbox cleaning was completed and power was increased to 100% at 2230.

The unit operated at 98% for the remainder of the month.

DOCKET: 317 PREPARER NAME: Herman O. Olsen

UNIT\_NME: Calvert Cliffs Unit 1 PREPARER TELEPHONE: 410-495-6734

RPT\_PERIOD: 201108

Design Electrical Rating: 845
 Maximum Dependable Capacity (MWe-Net) 855

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 669.58 5,756.58 255,685.84
4. Number of Hours Generator On-line 660.67 5,747.67 252,237.23

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 550,288.00 4,984,570.00 209,823,699.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
001	8/27/2011	F	83.33	Н	3	On 08/27/2011 at 2248 an automatic reactor tripped occurred due to a loss of load trip. The loss of load was caused by because of wind gusts, associated with Hurricane Irene, dislodging a large and heavy piece of steel siding from a nearby building and striking the main transformer. Inspections were performed on the affected equipment and the reactor was taken critical on 08/31/2011 at 0113. The unit was paralleled to the grid at 1008 and returned to 100% at 2319.

SUMMARY The unit began the month at 100% power.

On 08/16/2011 at 0355, power was reduced to 98.5% for the plant computer maintenance. The maintenance was completed and power was returned to 100%at 1800.

On 08/19/2011 at 0300, power was reduced to 85% for planned waterbox cleaning. Waterbox cleaning was completed on 08/20/2011 and power was increased to 100% at 0955.

On 08/23/2011 at 1405 an Unusual Event was declared for seismic activity due to an earth quake. The unit remained at 100% power.

On 08/27/2011 at 2248 an automatic reactor tripped occurred due to a loss of load trip. The loss of load was caused by because of wind gusts, associated with Hurricane Irene, dislodging a large and heavy piece of steel siding from a nearby building and striking the main transformer. Inspections were performed on the affected equipment and the reactor was taken critical on 08/31/2011 at 0113. The unit was paralleled to the grid at 1008 and returned to 100% at 2319.

The unit operated at 100% for the remainder of the month.

DOCKET: 317 PREPARER NAME: Herman O. Olsen

UNIT\_NME: Calvert Cliffs Unit 1 PREPARER TELEPHONE: 410-495-6734

RPT\_PERIOD: 201109

Design Electrical Rating: 845
 Maximum Dependable Capacity (MWe-Net) 855

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 720.00 6,476.58 256,405.84
4. Number of Hours Generator On-line 720.00 6,467.67 252,957.23

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 609,226.00 5,593,796.00 210,432,925.00

#### **UNIT SHUTDOWNS**

		Type		Method of		
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit began the month at 100% power.

On 09/23/2011 at 0340, power was reduced to 95% for waterbox cleaning. On 09/24/2011 at 1812 power was further reduced to 88% to limit condenser differential temperature. Power was increased to 93% on 09/25/2011 at 0405. Waterbox cleaning was completed on 09/29/2011 at 0530 and power was returned to 100% at 0815.

The unit operated at 100% for the remainder of the month.

DOCKET: 318 PREPARER NAME: Herman O. Olsen

UNIT\_NME: Calvert Cliffs Unit 2 PREPARER TELEPHONE: 410-495-6734

RPT\_PERIOD: 201107

Design Electrical Rating: 845
 Maximum Dependable Capacity (MWe-Net) 850

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 4,403.63 248,298.05
4. Number of Hours Generator On-line 744.00 4,333.99 246,216.57

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 566,786.00 3,638,918.00 204,963,815.00

#### **UNIT SHUTDOWNS**

		Туре			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

#### SUMMARY The unit began the month at 99.5% power.

On 07/15/2011 at 1549 power was reduced to 83% to perform waterbox cleaning. Cleaning was completed and power was returned to 99.5% on 07/16/2011 at 2240.

On 07/23/2011 at 2201 power was reduced to 78% for waterbox cleaning. Cleaning was completed on 07/24/2011 at 1200. On 07/30/2011 at 0300 power was reduced to 70% for waterbox cleaning. Cleaning was completed on 07/30/2011 at 2045. The unit operated at 99.5% for the remainder of the month.

DOCKET: 318 PREPARER NAME: Herman O. Olsen

UNIT\_NME: Calvert Cliffs Unit 2 PREPARER TELEPHONE: 410-495-6734

RPT\_PERIOD: 201108

Design Electrical Rating: 845
 Maximum Dependable Capacity (MWe-Net) 850

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,147.63
 249,042.05

 4. Number of Hours Generator On-line
 744.00
 5,077.99
 246,960.57

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 620,948.00 4,259,866.00 205,584,763.00

#### **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY The unit began the month at 99.5% power.

On 08/06/2011 at 0300 power was reduced to 73% to perform waterbox cleaning. Waterbox cleaning was completed and power was returned to 99.5% at 2140.

On 08/23/2011 at 1405 an Unusual Event was declared for seismic activity due to an earth quake. The unit remained at 99.5% power.

The unit operated at 99.5% for the remainder of the month.

DOCKET: 318 PREPARER NAME: Herman O. Olsen

UNIT\_NME: Calvert Cliffs Unit 2 PREPARER TELEPHONE: 410-495-6734

RPT\_PERIOD: 201109

Design Electrical Rating: 845
 Maximum Dependable Capacity (MWe-Net) 850

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,867.63	249,762.05
4. Number of Hours Generator On-line	720.00	5,797.99	247,680.57
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 608,340.00 4,868,206.00 206,193,103.00

#### **UNIT SHUTDOWNS**

		Туре			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

#### SUMMARY The unit began the month at 99.5% power.

On 09/01/2011 at 0300 power was reduced to 70% to perform maintenance on a pressure switch (2PS4483) associated with 21 Steam Generating Feedwater pump. Maintenance was completed and at 1015 power was increased to 85% for Main Turbine Valve testing. At 1420 testing was completed and power remained at 85% for waterbox cleaning. Waterbox cleaning was completed on 09/02/2011 at 1100 and power was returned to 99.5% at 2105.

On 09/07/2011 at 1530 power was reduced to 99% to secure 21 Condensate pump. The pump was secued at 1548 and power was returned to 99.5% at 1625.

On 09/20/2011 at 0721 power was reduced to 93% to clean waterboxes. Power was increased while maintaining vacuum and was restored to 99.5% at 1500.

The unit operated at 99.5% for the remainder of the month.

DOCKET: 413

PREPARER NAME: Adrienne Driver

UNIT\_NME: Catawba Unit 1

PREPARER TELEPHONE: 8037013445

RPT\_PERIOD: 201107

Design Electrical Rating: 1145
 Maximum Dependable Capacity (MWe-Net) 1129

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,072.00	195,349.93
4. Number of Hours Generator On-line	744.00	3,982.63	193,251.91
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 853,714.00 4,573,211.00 216,408,084.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Catawba Unit 1 began and concluded the month of July 2011 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

DOCKET: 413 PREPARER NAME: Adrienne Driver

UNIT\_NME: Catawba Unit 1 PREPARER TELEPHONE: 8037013445

RPT\_PERIOD: 201108

1. Design Electrical Rating: 1145 2. Maximum Dependable Capacity (MWe-Net) 1129

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,816.00	196,093.93
4. Number of Hours Generator On-line	744.00	4,726.63	193,995.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	851,459.00	5,424,670.00	217,259,543.0

#### **UNIT SHUTDOWNS**

217,259,543.00

	Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Catawba Unit 1 began the month of August 2011 operating at or near 100% Full Power. At 0902 on 8/8/11, a power reduction was initiated from 100% Full Power by spurious closure of Moisture Separator Reheaters' Second Stage Reheater Main Steam Supply Valves and Low Load Valves (due to loss of power to SKPS Breaker #3), which concluded at 0907 at 98% Full Power. On 8/8/11, at 1535, a power reduction was commenced from 98% Full Power per manual closure of MSR SSRH Main Steam Supply and High Load Valves, which was concluded at 1603 at 96% Full Power. On 8/9/11, at 2254, power reduction was commenced from 96% Full Power, to return MSR Second Stage Reheaters to service, and halted at 94.5% Full Power at 2338. On 8/10/11, at 0100, power increase from 94.5% F.P. was initiated by sequenced realignment (opening) of Low Load and High Load MSR SSRH Valves. Power increase was concluded at 97.5% Full Power, with return to service of Moisture Separator Reheaters, at 0400 on 8/10/11. At 0447 on 8/10/11, power escalation was commenced from 97.5% Full Power. Power escalation was halted at 100% Full Power at 0754 on 8/10/11, and Unit 1 remained at or near Full Power for the remainder of the month.

DOCKET: 413 PREPARER NAME: Adrienne Driver

UNIT\_NME: Catawba Unit 1 PREPARER TELEPHONE: 8037013445

RPT\_PERIOD: 201109

Design Electrical Rating: 1145
 Maximum Dependable Capacity (MWe-Net) 1129

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,536.00	196,813.93
4. Number of Hours Generator On-line	720.00	5,446.63	194,715.91
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 830,180.00 6,254,850.00 218,089,723.00

#### **UNIT SHUTDOWNS**

		Type				
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Catawba Unit 1 began the month of September 2011 operating at or near 100% Full Power. At 2259 on 9/10/11, power reduction from 100% Full Power was commenced for performance of Main Turbine Control Valve Movement periodic testing. Power reduction was halted at 88% Full Power at 0043 on 9/11/11. At 0213 on 9/11/11 power escalation was commenced from 88% Full Power. 100% Full Power was ultimately reached at 0810 on 9/11/11, and Unit 1 operated at or near 100% Full Power for the remainder of the month.

DOCKET: 414 PREPARER NAME: Adrienne Driver

UNIT\_NME: Catawba Unit 2 PREPARER TELEPHONE: 8037013445

RPT\_PERIOD: 201107

Design Electrical Rating: 1145
 Maximum Dependable Capacity (MWe-Net) 1129

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 189,080.20

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 187,402.53

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 848,833.00 5,898,484.00 210,451,321.00

#### **UNIT SHUTDOWNS**

		Type		Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

#### SUMMARY

Catawba Unit 2 began the month of July 2011 operating at or near 100% Full Power. At 0427 on 07/06/11, power reduction from 100% Full Power was commenced due to 2C1 heater drain tank pump being powered "off" after 2MXH failed to swap power supplies. Power reduction was halted at 98.5% Full Power at 0436 on 07/06/11. Power escalation from 98.5% Full Power was commenced at 1656 on 07/06/11. 100% Full Power was reached at 0131 on 07/07/11. At 2307 on 07/30/11, power reduction from 100% Full Power was commenced for performance of Main Turbine Control Valve Movement Test. Power reduction was halted at 85.5% Full Power at 0027 on 07/31/11. Power escalation from 85.5% Full Power was commenced at 0207 on 07/31/11. 100% Full Power was reached at 0925 on 07/31/11 and Unit 2 operated at or near 100% Full Power for the remainder of the month.

DOCKET: 414 PREPARER NAME: Adrienne Driver

UNIT\_NME: Catawba Unit 2 PREPARER TELEPHONE: 8037013445

RPT\_PERIOD: 201108

Design Electrical Rating: 1145
 Maximum Dependable Capacity (MWe-Net) 1129

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	189,824.20
4. Number of Hours Generator On-line	744.00	5,831.00	188,146.53
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 854,357.00 6,752,841.00 211,305,678.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Catawba Unit 2 began and concluded the month of August 2011 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

DOCKET: 414 PREPARER NAME: Adrienne Driver

UNIT\_NME: Catawba Unit 2 PREPARER TELEPHONE: 8037013445

RPT\_PERIOD: 201109

Design Electrical Rating: 1145
 Maximum Dependable Capacity (MWe-Net) 1129

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	190,544.20
4. Number of Hours Generator On-line	720.00	6,551.00	188,866.53
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 831,027.00 7,583,868.00 212,136,705.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Catawba Unit 2 began and concluded the month of September 2011 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

DOCKET: 461 PREPARER NAME: Joe Wemlinger UNIT\_NME: Clinton Unit 1 PREPARER TELEPHONE: 217-937-3846

RPT\_PERIOD: 201107

Design Electrical Rating: 1062
 Maximum Dependable Capacity (MWe-Net) 1022

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	160,799.46
4. Number of Hours Generator On-line	744.00	5,087.00	158,053.79
5. Reserve Shutdown Hours	0.00	0.00	4.00

6. Net Electrical energy Generated (MWHrs) 767,884.00 5,415,385.00 150,098,716.48

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY There were no forced, planned, or unplanned energy losses for July, 2011. Lake environmental effects due to temperature limited electrical output.

DOCKET: 461 PREPARER NAME: Joe Wemlinger UNIT\_NME: Clinton Unit 1 PREPARER TELEPHONE: 217-937-3846

RPT\_PERIOD: 201108

Design Electrical Rating: 1062
 Maximum Dependable Capacity (MWe-Net) 1022

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	161,543.46
4. Number of Hours Generator On-line	744.00	5,831.00	158,797.79
5. Reserve Shutdown Hours	0.00	0.00	4.00

6. Net Electrical energy Generated (MWHrs) 784,185.00 6,199,570.00 150,882,901.48

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY No forced or planned losses for August, 2011.

DOCKET: 461 PREPARER NAME: Joe Wemlinger UNIT\_NME: Clinton Unit 1 PREPARER TELEPHONE: 217-937-3846

RPT\_PERIOD: 201109

Design Electrical Rating: 1062
 Maximum Dependable Capacity (MWe-Net) 1022

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	162,263.46
4. Number of Hours Generator On-line	720.00	6,551.00	159,517.79
5. Reserve Shutdown Hours	0.00	0.00	4.00

6. Net Electrical energy Generated (MWHrs) 759,589.00 6,959,159.00 151,642,490.48

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Planned Loss Due to Control Rod Sequence Exchange and Surveillances

DOCKET: 397 PREPARER NAME: Darla Johnson

UNIT\_NME: Columbia Gen Sta Unit 2 PREPARER TELEPHONE: 509-377-4570

RPT\_PERIOD: 201107

Design Electrical Rating: 1153
 Maximum Dependable Capacity (MWe-Net) 1107

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	2,199.58	185,332.88
4. Number of Hours Generator On-line	0.00	2,195.77	181,161.42
5. Reserve Shutdown Hours	0.00	83.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	0.00	2,405,914.05	185,078,127.05

# **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
ED- 11-1	4/2/2011	S	744.00	Н	4	The unit shutdown for Economic Dispatch and remained down into the start of Refueling Outage 20 on April 6 at 00:00.

SUMMARY Columbia continued to be in R-20 Outage through all of July.

DOCKET: 397 PREPARER NAME: Darla Johnson

UNIT\_NME: Columbia Gen Sta Unit 2 PREPARER TELEPHONE: 509-377-4570

RPT\_PERIOD: 201108

Design Electrical Rating: 1153
 Maximum Dependable Capacity (MWe-Net) 1107

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	2,199.58	185,332.88
4. Number of Hours Generator On-line	0.00	2,195.77	181,161.42
5. Reserve Shutdown Hours	0.00	83.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	0.00	2,405,914.05	185,078,127.05

# **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
ED- 11-1	4/2/2011	S	744.00	Н	4	The unit shutdown for Economic Dispatch and remained down into the start of Refueling Outage 20 on April 6 at 00:00.

SUMMARY Columbia continued to be in R-20 Outage through all of August.

DOCKET: 397 PREPARER NAME: Darla Johnson

UNIT\_NME: Columbia Gen Sta Unit 2 PREPARER TELEPHONE: 509-377-4570

RPT\_PERIOD: 201109

Design Electrical Rating: 1153
 Maximum Dependable Capacity (MWe-Net) 1107

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	272.57	2,472.15	185,605.45
4. Number of Hours Generator On-line	83.18	2,278.95	181,244.60
5. Reserve Shutdown Hours	0.00	83.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	13,801.07	2,419,715.12	185,091,928.12

# **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
ED- 11-1	4/2/2011	S	636.82	Н	4	The unit shutdown for Economic Dispatch and remained down into the start of Refueling Outage 20 on April 6 at 00:00.

SUMMARY Columbia Generating Station exited R-20 outage extension and began its start up in September.

DOCKET: 445 PREPARER NAME: G.D. Lytle

UNIT\_NME: Comanche Peak Unit 1 PREPARER TELEPHONE: 254-897-5455

RPT\_PERIOD: 201107

1. Design Electrical Rating: 1218 2. Maximum Dependable Capacity (MWe-Net) 1205

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	574.62	4,894.80	165,413.08
4. Number of Hours Generator On-line	569.60	4,879.20	164,374.35
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 600,689.00 181,991,125.00 5,865,732.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1-11-2	7/11/2011	F	174.40	Α	1	Unit 1 was conservatively shutdown to repair the 4A and 4B feedwater heater extraction steam line expansion bellows, which had failed. The extraction steam bellows to these feedwater heaters are located in side the main condenser. Repairs were completed uneventfully and were successful.

SUMMARY Unit 1 began the month at 100% reactor, 1244 MWe turbine power. On July 4 at 12:27, operators began lowering unit output to ~77% reactor, 983 MWe turbine power in a series of 50 MWe increments, when alarms and system indication indicated the the 4A/4B extraction steam pressure was falling and the low pressure turbine backpressure was in unacceptable operation zone. The unit was stable at 77% reactor, 983 MWe turbine power at 12:38. Turbine backpressure still unacceptable, operators initiated manual turbine runback to ~900 MWe to rectify condition. Unit stable 77%, ~900 MWe at 15:55. At On July 8 at 14:23, operators lowered unit output to ~64% reactor, 750 MWe due to secondary steam pressure variations and the recommendation of the turbine manufacturer. On July 11 at 03:00, operators began lowering unit output from 65% reactor, 723 MWe to minimum load ~11% reactor, 60 MWe turbine power to begin a maintenance outage to repair the 4A/4B feedwater heater extraction steam expansion bellows. Operators manually tripped the reactor to enter MODE 3 per station procedures on July 11 at 06:00. Unit 1 entered MODE 4 at 13:14. With repairs completed, Unit 1 entered MODE 3 on July 17 at 12:11. On July 18 at 06:53, Unit 1 entered MODE 2 for reactor startup. The reactor was critical at 07:23. Unit 1 entered MODE 1 at10:00 and synchronized Unit 1 to the grid at 12:24 ending the maintenance outage at about 7 days, 6 hours. Unit 1 began power ascension to full power on July 18 at 13:00 and the unit acheived full power operations at 100% reactor, 1255 MWe on July 19 at 07:10. Unit 1 ended the month at 100% reactor, 1259 MWe turbine power.

DOCKET: 445 PREPARER NAME: G.D. Lytle

UNIT\_NME: Comanche Peak Unit 1 PREPARER TELEPHONE: 254-897-5455

RPT\_PERIOD: 201108

1. Design Electrical Rating: 1218 2. Maximum Dependable Capacity (MWe-Net) 1205

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,638.80	166,157.08
4. Number of Hours Generator On-line	744.00	5,623.20	165,118.35
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 846,424.00 6,712,156.00 182,837,549.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 began the month at 100% reactor, 1259 MWe turbine power. On 8/22/11 at 21:05, the control room received alarms for hi vibration on main feedwater pump (MFP) 1A. On 8/26/11 at 19:00, power was lowered to ~57% reactor, 650 MWe turbine power to perform maintenance on MFP 1A to correct the hi vibration issue. The unit was stable at ~57% reactor, 650 MWe at 21:00 and MFP 1A was removed from service. At 22:00, Unit 1 began ramping power to 61% reactor, 720 MWe for continued operation with single FWP 1B. On 8/27/11 at 02:55, Unit 1 was stable at 61% reactor, 726 MWe turbine power. On 8/30/11 at 16:42, power was lowered to ~57% reactor, 650 MWe to restart MFP 1A upon completion of repair activites. MFP 1A startup was completed at 22:35. At 22:51, Unit 1 commenced return to full power operation. On 8/31/11 at 04:15, Unit 1 returned to 100% reactor, and 1245 MWe turbine power Unit 1 ended the month at 100% reactor, 1259 MWe turbine power.

DOCKET: 445 PREPARER NAME: G.D. Lytle

UNIT\_NME: Comanche Peak Unit 1 PREPARER TELEPHONE: 254-897-5455

RPT\_PERIOD: 201109

Design Electrical Rating: 1218
 Maximum Dependable Capacity (MWe-Net) 1205

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,358.80	166,877.08
4. Number of Hours Generator On-line	720.00	6,343.20	165,838.35
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 877,985.00 7,590,141.00 183,715,534.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	<b>Duration</b>		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 began the month at 100% reactor, 1259 MWe turbine power. Unit 1 ended the month at 100% reactor, 1266 MWe turbine power.

DOCKET: 446 PREPARER NAME: G.D. Lytle

UNIT\_NME: Comanche Peak Unit 2 PREPARER TELEPHONE: 254-897-5455

RPT\_PERIOD: 201107

Design Electrical Rating: 1207
 Maximum Dependable Capacity (MWe-Net) 1195

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,456.23	144,336.41
4. Number of Hours Generator On-line	744.00	4,426.54	143,654.69
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 898,183.00 5,296,533.00 161,124,542.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 began the month at 100% reactor, 1257 MWe turbine power. Unit 2 ended the month at 100% reactor, 1253 MWe turbine power.

DOCKET: 446 PREPARER NAME: G.D. Lytle

UNIT\_NME: Comanche Peak Unit 2 PREPARER TELEPHONE: 254-897-5455

RPT\_PERIOD: 201108

Design Electrical Rating: 1207
 Maximum Dependable Capacity (MWe-Net) 1195

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,200.23	145,080.41
4. Number of Hours Generator On-line	744.00	5,170.54	144,398.69
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 894,987.00 6,191,520.00 162,019,529.00

## **UNIT SHUTDOWNS**

	Type				Method of		
		F: Forced	<b>Duration</b>		Shutting	<b>Cause - Corrective Action</b>	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Unit 2 began the month at 100% reactor, 1253 MWe turbine power. Unit 2 ended the month at 100% reactor, 1252 MWe turbine power.

DOCKET: 446 PREPARER NAME: G.D. Lytle

UNIT\_NME: Comanche Peak Unit 2 PREPARER TELEPHONE: 254-897-5455

RPT\_PERIOD: 201109

Design Electrical Rating: 1207
 Maximum Dependable Capacity (MWe-Net) 1195

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,920.23	145,800.41
4. Number of Hours Generator On-line	720.00	5,890.54	145,118.69
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 870,669.00 7,062,189.00 162,890,198.00

## **UNIT SHUTDOWNS**

	Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Unit 2 began the month at 100% reactor, 1252 MWe turbine power. Unit 2 ended the month at 100% reactor, 1259 MWe turbine power.

DOCKET: 315 PREPARER NAME: Richard Harris
UNIT\_NME: Cook Unit 1 PREPARER TELEPHONE: 269-465-5901

RPT\_PERIOD: 201107

Design Electrical Rating: 1084
 Maximum Dependable Capacity (MWe-Net) 1030

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,959.62
 225,226.14

 4. Number of Hours Generator On-line
 744.00
 4,947.23
 222,199.85

 5. Reserve Shutdown Hours
 0.00
 0.00
 321.00

6. Net Electrical energy Generated (MWHrs) 758,280.00 5,031,749.00 212,023,163.40

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET:315PREPARER NAME:Richard HarrisUNIT\_NME:Cook Unit 1PREPARER TELEPHONE:269-465-5901

RPT\_PERIOD: 201108

Design Electrical Rating: 1084
 Maximum Dependable Capacity (MWe-Net) 1030

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,703.62	225,970.14
4. Number of Hours Generator On-line	744.00	5,691.23	222,943.85
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	756,366.00	5,788,115.00	212,779,529.40
Net Electrical energy Generated (MWHrs)	756,366.00	5,788,115.00	212,779,529.40

# **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 315 PREPARER NAME: Richard Harris
UNIT\_NME: Cook Unit 1 PREPARER TELEPHONE: 269-465-5901

RPT\_PERIOD: 201109

Design Electrical Rating: 1084
 Maximum Dependable Capacity (MWe-Net) 1030

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	428.57	6,132.19	226,398.71
4. Number of Hours Generator On-line	421.78	6,113.01	223,365.63
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	382,122.00	6,170,237.00	213,161,651.40

## **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
363	9/7/2011	F	58.23	Α	3	Unit 1 Forced Outage following turbine trip on high turbine thrust bearing indication.
364	9/21/2011	S	239.98	С	1	U1C24 refueling outage.

SUMMARY Forced Outage following U1 Turbine Trip on high turbine thrust bearing actuation (Rx auto-tripped). Generator/Rx offline: 9/7/11 @ 0854 hours. U1C24 Refueling Outage (downpower began with TREVI testing - no fuel coastdown) Gen/Rx Offline: 9/21/11 @ 0001 hours.

DOCKET: 316 PREPARER NAME: Richard Harris
UNIT\_NME: Cook Unit 2 PREPARER TELEPHONE: 269-465-5901

RPT\_PERIOD: 201107

Design Electrical Rating: 1107
 Maximum Dependable Capacity (MWe-Net) 1077

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 208,378.81

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 204,067.12

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 794,048.00 5,631,330.00 206,662,314.60

#### **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 316 PREPARER NAME: Richard Harris
UNIT\_NME: Cook Unit 2 PREPARER TELEPHONE: 269-465-5901

RPT\_PERIOD: 201108

Design Electrical Rating: 1107
 Maximum Dependable Capacity (MWe-Net) 1077

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,831.00
 209,122.81

 4. Number of Hours Generator On-line
 744.00
 5,831.00
 204,811.12

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 784,488.00 6,415,818.00 207,446,802.60

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 316 PREPARER NAME: Richard Harris
UNIT\_NME: Cook Unit 2 PREPARER TELEPHONE: 269-465-5901

RPT\_PERIOD: 201109

Design Electrical Rating: 1107
 Maximum Dependable Capacity (MWe-Net) 1077

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,551.00
 209,842.81

 4. Number of Hours Generator On-line
 720.00
 6,551.00
 205,531.12

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 778,190.00 7,194,008.00 208,224,992.60

#### **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 298 PREPARER NAME: Lorne Covington UNIT\_NME: Cooper Unit 1 PREPARER TELEPHONE: 402-825-5052

RPT\_PERIOD: 201107

Design Electrical Rating: 815
 Maximum Dependable Capacity (MWe-Net) 768.88

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 3,756.74
 259,780.87

 4. Number of Hours Generator On-line
 744.00
 3,704.00
 256,475.33

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 569,259.00 2,877,175.00 179,168,145.40

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY No information for this reporting period.

DOCKET: 298 PREPARER NAME: Grant Reynolds
UNIT\_NME: Cooper Unit 1 PREPARER TELEPHONE: 402-825-2726

RPT\_PERIOD: 201108

Design Electrical Rating: 815
 Maximum Dependable Capacity (MWe-Net) 768.88

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,500.74
 260,524.87

 4. Number of Hours Generator On-line
 744.00
 4,448.00
 257,219.33

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 570,471.00 3,447,646.00 179,738,616.40

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY No reporting information this period.

DOCKET: 298 PREPARER NAME: Grant Reynolds
UNIT\_NME: Cooper Unit 1 PREPARER TELEPHONE: 402-825-2726

RPT\_PERIOD: 201109

Design Electrical Rating: 815
 Maximum Dependable Capacity (MWe-Net) 768.88

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,220.74	261,244.87
4. Number of Hours Generator On-line	720.00	5,168.00	257,939.33
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 564,037.00 4,011,683.00 180,302,653.40

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY No information for this reporting period.

DOCKET: 302 PREPARER NAME: Ron Major

UNIT\_NME: Crystal River Unit 3 PREPARER TELEPHONE: (352) 563-2943

RPT\_PERIOD: 201107

Design Electrical Rating: 860
 Maximum Dependable Capacity (MWe-Net) 860

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	0.00	213,268.74
4. Number of Hours Generator On-line	0.00	0.00	210,606.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	0.00	167,517,655.48

# **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2009- 18	9/26/2009	S	744.00	С	4	Plant taken off line for Planned Refueling Outage (R16). Ended planned refueling outage and started into an outage extension on 12/20/2009 00:00.

SUMMARY Continuation of unplanned outage extension.

DOCKET: 302 PREPARER NAME: Ron Major

UNIT\_NME: Crystal River Unit 3 PREPARER TELEPHONE: (352) 563-2943

RPT\_PERIOD: 201108

Design Electrical Rating: 860
 Maximum Dependable Capacity (MWe-Net) 860

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	0.00	213,268.74
4. Number of Hours Generator On-line	0.00	0.00	210,606.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	0.00	167,517,655.48

# **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2009- 18	9/26/2009	S	744.00	С	4	Plant taken off line for Planned Refueling Outage (R16). Ended planned refueling outage and started into an outage extension on 12/20/2009 00:00.

SUMMARY Continuation of unplanned outage extension.

DOCKET: 302 PREPARER NAME: Ron Major

UNIT\_NME: Crystal River Unit 3 PREPARER TELEPHONE: (352) 563-2943

RPT\_PERIOD: 201109

Design Electrical Rating: 860
 Maximum Dependable Capacity (MWe-Net) 860

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	0.00	213,268.74
4. Number of Hours Generator On-line	0.00	0.00	210,606.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	0.00	167,517,655.48

# **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2009- 18	9/26/2009	S	720.00	С	4	Plant taken off line for Planned Refueling Outage (R16). Ended planned refueling outage and started into an outage extension on 12/20/2009 00:00.

SUMMARY Continuation of unplanned outage extension.

DOCKET: 346 PREPARER NAME: J. Syrowski

UNIT\_NME: Davis-Besse Unit 1 PREPARER TELEPHONE: 419-249-2417

RPT\_PERIOD: 201107

Design Electrical Rating: 908
 Maximum Dependable Capacity (MWe-Net) 894

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,957.95	205,761.22
4. Number of Hours Generator On-line	744.00	4,932.78	202,539.60
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	669,593.70	4,470,215.20	170,316,588.10

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit remained at approximately full power the entire month.

DOCKET: 346 PREPARER NAME: J. Syrowski

UNIT\_NME: Davis-Besse Unit 1 PREPARER TELEPHONE: 419-249-2417

RPT\_PERIOD: 201108

1. Design Electrical Rating: 908 2. Maximum Dependable Capacity (MWe-Net) 894

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,701.95	206,505.22
4. Number of Hours Generator On-line	744.00	5,676.78	203,283.60
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	670,659.50	5,140,874.70	170,987,247.60

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	<b>Duration</b>		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY On August 22, 2011, a fault in an Integrated Control System Hand/Auto Station resulted in a Main Feedwater upset and a resultant power reduction to approximately 96% power. Power was increased to approximately 99.5% on August 23, with the Main Feedwater Pump in manual control, and August 24, power was returned to approximately 100 % following completion of repairs. The plant remained at approximately 100 percent power the remainder of the month.

DOCKET: 346 PREPARER NAME: J. Syrowski

UNIT\_NME: Davis-Besse Unit 1 PREPARER TELEPHONE: 419-249-2417

RPT\_PERIOD: 201109

Design Electrical Rating: 908
 Maximum Dependable Capacity (MWe-Net) 894

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,421.95	207,225.22
4. Number of Hours Generator On-line	720.00	6,396.78	204,003.60
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	645,742.40	5,786,617.10	171,632,990.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY On September 6, 2011, power was reduced to approximately 98% due to a failure of the primary feedwater flow measurement, and the secondary flow measurement placed in service. Following repairs, the primary flow measurement was returned to service on September 6 and power returned to approximately 100% power. On September 14 power was reduced to approximately 95% power to remove a feedwater heater

from service that had experienced a tube leak, and then returned to approximately 100% power early on September 15. On September 30, 2011, a planned shutdown was commenced for a Mid-Cycle Outage to replace the Reactor Pressure Vessel Head, which started on October 1, 2011.

DOCKET: 275 PREPARER NAME: Zawalick, Steven

UNIT\_NME: Diablo Canyon Unit 1 PREPARER TELEPHONE: (805) 545-4040

RPT\_PERIOD: 201107

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1138
 1122

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	203,601.25
4. Number of Hours Generator On-line	744.00	5,087.00	201,668.55
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 850,391.00 5,823,702.00 213,770,211.00

## **UNIT SHUTDOWNS**

	Туре			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Diablo Canyon Unit One began and ended the month of July in Mode 1 (Power Operation) at approximately 100 percent reactor power. There were no significant operational occurrences.

DOCKET: 275 PREPARER NAME: M. Richardson

UNIT\_NME: Diablo Canyon Unit 1 PREPARER TELEPHONE: 8055454557

RPT\_PERIOD: 201108

Design Electrical Rating: 1138
 Maximum Dependable Capacity (MWe-Net) 1122

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	204,345.25
4. Number of Hours Generator On-line	744.00	5,831.00	202,412.55
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 843,964.00 6,667,666.00 214,614,175.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY DCPP Unit 1 operated at approximately 100 percent power for the month of August, 2011.

DOCKET: 275 PREPARER NAME: M. Richardson

UNIT\_NME: Diablo Canyon Unit 1 PREPARER TELEPHONE: 8055454557

RPT\_PERIOD: 201109

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1138
 1122

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	205,065.25
4. Number of Hours Generator On-line	720.00	6,551.00	203,132.55
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 733,580.00 7,401,246.00 215,347,755.00

## **UNIT SHUTDOWNS**

Type			Method of			
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Diablo Canyon Power Plant Unit 1 operated at approximately 100 percent power for the month of September 2011, with exception for a planned circulating water tunnel cleaning and condenser pick and dredge (50 percent power reduction 9/2/2011 to 9/7/2011).

DOCKET: 323 PREPARER NAME: Zawalick

UNIT\_NME: Diablo Canyon Unit 2 PREPARER TELEPHONE: (805) 545-4040

RPT\_PERIOD: 201107

Design Electrical Rating: 1151
 Maximum Dependable Capacity (MWe-Net) 1118

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,136.88	198,750.50
4. Number of Hours Generator On-line	744.00	4,117.40	196,931.75
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 846,727.00 4,606,014.00 210,114,926.00

## **UNIT SHUTDOWNS**

		Туре			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Diablo Canyon Unit Two began and ended the month of July in Mode 1 (Power Operation) at approximately 100 percent reactor power. There were no significant operational occurrences.

DOCKET: 323 PREPARER NAME: M. Richardson

UNIT\_NME: Diablo Canyon Unit 2 PREPARER TELEPHONE: 8055454557

RPT\_PERIOD: 201108

Design Electrical Rating: 1151
 Maximum Dependable Capacity (MWe-Net) 1118

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,880.88
 199,494.50

 4. Number of Hours Generator On-line
 744.00
 4,861.40
 197,675.75

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 845,622.00 5,451,636.00 210,960,548.00

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY DCPP Unit 2 operated at approximately 100 percent power for the month of August, 2011.

DOCKET: 323 PREPARER NAME: M. Richardson

UNIT\_NME: Diablo Canyon Unit 2 PREPARER TELEPHONE: 8055454557

RPT\_PERIOD: 201109

1. Design Electrical Rating: 1151 2. Maximum Dependable Capacity (MWe-Net) 1118

**This Month** Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 720.00 5,600.88 200,214.50 4. Number of Hours Generator On-line 720.00 5,581.40 198,395.75 5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 797,819.00 6,249,455.00 211,758,367.00

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Diablo Canyon Power Plant Unit 2 operated at approximately 100 percent power for the month of September 2011, with exception for a power change to approximately 50 percent power on 9/2/2011 due to kelp loading on the Unit 2 bar racks, and anticipated wave activity. This power change was done pre-emptively as a conservative measure due to uncertainties inhererent in kelp loading and wave action and existing differential pressure across the racks.

DOCKET: 237 PREPARER NAME: John Mourikes

UNIT\_NME: Dresden Unit 2 PREPARER TELEPHONE: 815-416-2334

RPT\_PERIOD: 201107

Design Electrical Rating: 867
 Maximum Dependable Capacity (MWe-Net) 850

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 286,926.42

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 277,804.99

5. Reserve Shutdown Hours 0.00 0.00 4.00

6. Net Electrical energy Generated (MWHrs) 639,323.00 4,468,258.00 198,025,889.00

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY On July 20, at approximately 1500 hours, load was reduced to approximately 78% electrical due to low main condenser vacuum caused by prolonged high intake temperature due to seasonal variations. The unit returned to full power operation on July 24, at approximately 1100 hours.

With the exception of short periods for routine maintenance and surveillances, Unit 2 operated at full power for the remainder of the reporting period.

DOCKET: 237 PREPARER NAME: John Mourikes

UNIT\_NME: Dresden Unit 2 PREPARER TELEPHONE: 815-416-2334

RPT\_PERIOD: 201108

Design Electrical Rating: 867
 Maximum Dependable Capacity (MWe-Net) 850

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	287,670.42
4. Number of Hours Generator On-line	744.00	5,831.00	278,548.99

5. Reserve Shutdown Hours 0.00 0.00 4.00

6. Net Electrical energy Generated (MWHrs) 645,654.00 5,113,912.00 198,671,543.00

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

#### SUMMARY

On August 13, at approximately 1100 hours, load was reduced to approximately 93% electrical because a Circ Water Pump had to be secured when the lift station lost power due to water shorting out the TR041 circuit switcher. The unit returned to full power operation on August 13, at approximately 1700 hours.

On August 14, at approximately 0000 hours, load was reduced to approximately 84% electrical for a control rod pattern adjustment. The unit returned to full power operation on August 14, at approximately 0500 hours.

With the exception of short periods for routine maintenance and surveillances, Unit 2 operated at full power for the remainder of the reporting period.

DOCKET: 237 PREPARER NAME: John Mourikes

UNIT\_NME: Dresden Unit 2 PREPARER TELEPHONE: 815-416-2334

RPT\_PERIOD: 201109

Design Electrical Rating: 867
 Maximum Dependable Capacity (MWe-Net) 850

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,551.00
 288,390.42

 4. Number of Hours Generator On-line
 720.00
 6,551.00
 279,268.99

5. Reserve Shutdown Hours 0.00 0.00 4.00

6. Net Electrical energy Generated (MWHrs) 627,239.00 5,741,151.00 199,298,782.00

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

#### SUMMARY

On September 1, at approximately 1930 hours, load was reduced to approximately 81% electrical to maintain discharge canal effluent temperatures below 90 F to stay in compliance with our National Pollutant Discharge Elimination System (NPDES) permit. The unit returned to full power operation on September 4, at approximately 0000 hours.

With the exception of short periods for routine maintenance and surveillances, Unit 2 operated at full power for the remainder of the reporting period.

DOCKET: 249 PREPARER NAME: John Mourikes

UNIT\_NME: Dresden Unit 3 PREPARER TELEPHONE: 815-416-2334

RPT\_PERIOD: 201107

867 1. Design Electrical Rating: 2. Maximum Dependable Capacity (MWe-Net) 850

This Month Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 744.00 5,087.00 274,306.11

4. Number of Hours Generator On-line 744.00 5,087.00 265,849.45

5. Reserve Shutdown Hours 0.00 0.00 1.00

6. Net Electrical energy Generated (MWHrs) 618,827.00 4,371,751.00 190,048,473.00

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY On July 12, at approximately 1900 hours, load was reduced to approximately 91% electrical when the site went to 2 Circ Water Pump operation after the 2/3 A Lift Pump tripped due to neutral overcurrent. The unit returned to full power operation on July 13, at approximately 1200 hours.

On July 18, at approximately 100 hours, load was reduced to approximately 78% electrical due to low main condenser vacuum caused by prolonged high intake temperature due to seasonal variations. The unit returned to full power operation on July 24, at approximately 1100 hours.

With the exception of short periods for routine maintenance and surveillances, Unit 3 operated at full power for the remainder of the reporting period.

DOCKET: 249 PREPARER NAME: John Mourikes

UNIT\_NME: Dresden Unit 3 PREPARER TELEPHONE: 815-416-2334

RPT\_PERIOD: 201108

Design Electrical Rating: 867
 Maximum Dependable Capacity (MWe-Net) 850

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	275,050.11
4. Number of Hours Generator On-line	744.00	5,831.00	266,593.45
5. Reserve Shutdown Hours	0.00	0.00	1.00

6. Net Electrical energy Generated (MWHrs) 633,270.00 5,005,021.00 190,681,743.00

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY With the exception of short periods for routine maintenance and surveillances, Unit 3 operated at full power for the reporting period.

DOCKET: 249 PREPARER NAME: John Mourikes

UNIT\_NME: Dresden Unit 3 PREPARER TELEPHONE: 815-416-2334

RPT\_PERIOD: 201109

Design Electrical Rating: 867
 Maximum Dependable Capacity (MWe-Net) 850

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	275,770.11
4. Number of Hours Generator On-line	720.00	6,551.00	267,313.45
5. Reserve Shutdown Hours	0.00	0.00	1.00

6. Net Electrical energy Generated (MWHrs) 617,465.00 5,622,486.00 191,299,208.00

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY On September 4, at approximately 0100 hours, load was reduced to approximately 72% electrical for a control rod pattern adjustment. The unit returned to full power operation at approximately 1700 hours.

With the exception of short periods for routine maintenance and surveillances, Unit 3 operated at full power for the remainder of the reporting period.

DOCKET: 331 PREPARER NAME: Richard R. Peterson

UNIT\_NME: Duane Arnold Unit 1 PREPARER TELEPHONE: (319) 851-7352

RPT\_PERIOD: 201107

Design Electrical Rating: 621.9
 Maximum Dependable Capacity (MWe-Net) 601.6

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	264,121.43
4. Number of Hours Generator On-line	744.00	5,087.00	259,264.43
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	443,407.70	3,095,061.40	128,550,635.16

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY During July 2011, the DAEC downpowered for a load line adjustment, PPC routine maintenance, a RCIC surveillance, and on two occasions for weather-related high condenser backpressure.

DOCKET: 331 PREPARER NAME: Richard R. Peterson

UNIT\_NME: Duane Arnold Unit 1 PREPARER TELEPHONE: (319) 851-7352

RPT\_PERIOD: 201108

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 621.9
 601.6

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	621.42	5,708.42	264,742.85
4. Number of Hours Generator On-line	595.02	5,682.02	259,859.45
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	327,685.30	3,422,746.70	128,878,320.46

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
11-01	8/11/2011	F	148.98	D	1	Entry into shutdown Tech Spec 3.7.2, Condition B due to both RWS subsystems being declared inoperable.

SUMMARY During August 2011, the DAEC shut down in response to both RWS subsystems being declared inoperable due to both traveling screens being unable to rotate as a result of sand intrusion into the Intake Structure; downpowered for RWCU and HPCI surveillances, weather-related high condenser backpressure, and a load line adjustment; and held up power ascension to replace the rod movement switch, a RFP relief valve, and to install a temporary modification for MSR drain tank level.

DOCKET: 331 PREPARER NAME: Richard R. Peterson

UNIT\_NME: Duane Arnold Unit 1 PREPARER TELEPHONE: (319) 851-7352

RPT\_PERIOD: 201109

Design Electrical Rating: 621.9
 Maximum Dependable Capacity (MWe-Net) 601.6

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	720.00	6,428.42	265,462.85	
4. Number of Hours Generator On-line	720.00	6,402.02	260,579.45	
5. Reserve Shutdown Hours	0.00	0.00	192.80	
6. Net Electrical energy Generated (MWHrs)	439,116.40	3,861,863.10	129,317,436.86	

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY During September 2011, DAEC downpowered for TSC Transfer Switch maintenance, FW temperature maintenance, to replace the A/B switch in the LEFM panel, and to repair "A" Recirc. M/G Set Lube Oil temperature control valve CV4765.

DOCKET: 348 PREPARER NAME: LaShanda Fields UNIT\_NME: Farley Unit 1 PREPARER TELEPHONE: 334-814-4826

RPT\_PERIOD: 201107

Design Electrical Rating: 854
 Maximum Dependable Capacity (MWe-Net) 874

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 250,134.41

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 247,497.70

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 651,486.00 4,540,221.00 200,063,807.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 348 PREPARER NAME: LaShanda Fields UNIT\_NME: Farley Unit 1 PREPARER TELEPHONE: 334-814-4826

RPT\_PERIOD: 201108

Design Electrical Rating: 854
 Maximum Dependable Capacity (MWe-Net) 874

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,831.00
 250,878.41

 4. Number of Hours Generator On-line
 744.00
 5,831.00
 248,241.70

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 648,722.00 5,188,943.00 200,712,529.00

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 348 PREPARER NAME: LaShanda Fields UNIT\_NME: Farley Unit 1 PREPARER TELEPHONE: 334-814-4826

RPT\_PERIOD: 201109

Design Electrical Rating: 854
 Maximum Dependable Capacity (MWe-Net) 874

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,551.00
 251,598.41

 4. Number of Hours Generator On-line
 720.00
 6,551.00
 248,961.70

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 635,431.00 5,824,374.00 201,347,960.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET:364PREPARER NAME:LaShanda FieldsUNIT\_NME:Farley Unit 2PREPARER TELEPHONE:334-814-4826

RPT\_PERIOD: 201107

Design Electrical Rating: 855
 Maximum Dependable Capacity (MWe-Net) 860

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,951.90	233,273.55
4. Number of Hours Generator On-line	744.00	4,943.53	230,867.19
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 634,945.00 4,275,334.00 188,604,270.00

# **UNIT SHUTDOWNS**

	Type			<b>Method of</b>		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 364 PREPARER NAME: LaShanda Fields Farley Unit 2 UNIT\_NME: PREPARER TELEPHONE: 334-814-4826

RPT\_PERIOD: 201108

1. Design Electrical Rating: 855 2. Maximum Dependable Capacity (MWe-Net) 860

Yr-to-Date **This Month** Cumulative 3. Number of Hours the Reactor was Critical 744.00 5,695.90 234,017.55 4. Number of Hours Generator On-line 744.00 5,687.53 231,611.19 5. Reserve Shutdown Hours 0.00

0.00 0.00

6. Net Electrical energy Generated (MWHrs) 635,132.00 4,910,466.00 189,239,402.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 364 PREPARER NAME: LaShanda Fields Farley Unit 2 UNIT\_NME: PREPARER TELEPHONE: 334-814-4826

RPT\_PERIOD: 201109

1. Design Electrical Rating: 855 2. Maximum Dependable Capacity (MWe-Net) 860

Yr-to-Date **This Month** Cumulative 3. Number of Hours the Reactor was Critical 720.00 6,415.90 234,737.55 4. Number of Hours Generator On-line 720.00 6,407.53 232,331.19

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 617,451.00 5,527,917.00 189,856,853.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 341 PREPARER NAME: E. Sorg

UNIT\_NME: Fermi Unit 2 PREPARER TELEPHONE: 734-596-4294 RPT\_PERIOD: 201107

Design Electrical Rating: 1150
 Maximum Dependable Capacity (MWe-Net) 1057.8

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,712.80	166,655.50
4. Number of Hours Generator On-line	744.00	4,675.42	161,987.18
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 800,118.00 4,921,344.00 167,380,760.92

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at full power (excluding minor power changes for maintenance and surveillance testing) except for the following:

7/2/2011 0745 to 1022: Planned downpower to 88% reactor power for Heater Drain Pump swap.
7/2/2011 1754 to 2320: Planned downpower to 97% reactor power for ODMI 11-007a to control condenser pressure.

7/21/2011 1152 to 7/22/2011 0207: Planned downpower to 91% reactor for ODMI 11-007a to control condenser pressure.

DOCKET: 341 PREPARER NAME: E. Sorg

UNIT\_NME: Fermi Unit 2 PREPARER TELEPHONE: 734-586-4294

RPT\_PERIOD: 201108

Design Electrical Rating: 1150
 Maximum Dependable Capacity (MWe-Net) 1057.8

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,456.80	167,399.50
4. Number of Hours Generator On-line	744.00	5,419.42	162,731.18
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 799,926.00 5,721,270.00 168,180,686.92

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at full power (excluding minor power changes for maintenance and surveillance testing) except for the following:

8/11/2011 0400 to 0531: Planned downpower to 88% reactor power for HCU maintenance

8/13/2011 2200 to 8/14/2011 1754: Planned downpower to 73% reactor power for rod pattern adjustment and scram time testing.

8/15/2011 2100 to 2226: Planned downpower to 92% reactor power for rod pattern adjustment.

8/27/2011 2054 to 8/28/2011 0619: Planned downpower to 88% for Heater Drain Pump swap and Turbine Valve Testing.

DOCKET: 341 PREPARER NAME: E. Sorg

UNIT\_NME: Fermi Unit 2 PREPARER TELEPHONE: 734-586-4294 RPT\_PERIOD: 201109

Design Electrical Rating: 1150
 Maximum Dependable Capacity (MWe-Net) 1057.8

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,176.80	168,119.50
4. Number of Hours Generator On-line	720.00	6,139.42	163,451.18
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 785,624.00 6,506,894.00 168,966,310.92

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at full power (excluding minor power changes for maintenance and surveillance testing) except for the following: 9/10/2011 0634 to 9/16/2011 1124: Unplanned downpower due to LEFM failure.

DOCKET: 333 PREPARER NAME: Joe Clark

UNIT\_NME: FitzPatrick Unit 1 PREPARER TELEPHONE: 315-349-6218

RPT\_PERIOD: 201107

Design Electrical Rating: 816
 Maximum Dependable Capacity (MWe-Net) 813

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 252,979.37

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 247,252.33

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 615,992.00 4,208,636.00 189,753,036.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY JAF had no downpowers greater than 15% RTP in July 2011

DOCKET: 333 PREPARER NAME: Joe Clark

UNIT\_NME: FitzPatrick Unit 1 PREPARER TELEPHONE: 315-349-6218 RPT\_PERIOD: 201108

RPT\_PERIOD: 201108

1. Design Electrical Rating: 816

2. Maximum Dependable Capacity (MWe-Net)

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,831.00
 253,723.37

 4. Number of Hours Generator On-line
 744.00
 5,831.00
 247,996.33

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

813

6. Net Electrical energy Generated (MWHrs) 615,116.00 4,823,752.00 190,368,152.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY JAF had no downpowers greater than 15% RTP in August 2011

DOCKET: 333 PREPARER NAME: Joe Clark

UNIT\_NME: FitzPatrick Unit 1 PREPARER TELEPHONE: 315-349-6218

RPT\_PERIOD: 201109

Design Electrical Rating: 816
 Maximum Dependable Capacity (MWe-Net) 813

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,551.00
 254,443.37

 4. Number of Hours Generator On-line
 720.00
 6,551.00
 248,716.33

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 599,543.00 5,423,295.00 190,967,695.00

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY JAF had a planned downpower to 60% RTP from 9/28/11 to 9/29/11 for control rod sequence exchange and main condenser defishing. There were no other downpowers in September 2011 greater than 15% RTP.

DOCKET: 285 PREPARER NAME: Laurel McDonough

UNIT\_NME: Fort Calhoun Unit 1 PREPARER TELEPHONE: 402.533.7310

RPT\_PERIOD: 201107

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 482

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	2,351.13	270,885.19
4. Number of Hours Generator On-line	0.00	2,347.21	269,363.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	1,177,611.80	119,655,821.80

## **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2011-	4/9/2011	S	744.00	С	4	Shutdown for Cycle 26 End of Cycle RFO. No corrective actions necessary.

SUMMARY FCS remained shutdown through July 2011. The outage was suspended 6/1/11 due to the river level reaching flood stage. The plant will remain shutdown until the flood waters recede.

DOCKET: 285 PREPARER NAME: Laurel McDonough

UNIT\_NME: Fort Calhoun Unit 1 PREPARER TELEPHONE: 402-533-7310

RPT\_PERIOD: 201108

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 482

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	2,351.13	270,885.19
4. Number of Hours Generator On-line	0.00	2,347.21	269,363.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	1,177,611.80	119,655,821.80

## **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2011-	4/9/2011	S	744.00	С	4	Shutdown for Cycle 26 End of Cycle RFO. No corrective actions necessary.

SUMMARY FCS remained shutdown through August 2011. The outage was suspended 6/1/11 due to the river level reaching flood stage. The plant will remain shutdown until the flood waters recede.

DOCKET: 285 PREPARER NAME: Laurel McDonough

UNIT\_NME: Fort Calhoun Unit 1 PREPARER TELEPHONE: 402.533.7310

RPT\_PERIOD: 201109

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 482

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	2,351.13	270,885.19
4. Number of Hours Generator On-line	0.00	2,347.21	269,363.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	1,177,611.80	119,655,821.80

## **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2011-	4/9/2011	S	720.00	С	4	Shutdown for Cycle 26 End of Cycle RFO. No corrective actions necessary.

SUMMARY FCS remained shutdown through September 2011. The refueling outage was resumed on 9/6/11. The plant will remain shutdown until the outage is completed.

DOCKET: 244 PREPARER NAME: John V. Walden UNIT\_NME: Ginna Unit 1 PREPARER TELEPHONE: 585-771-3588

RPT\_PERIOD: 201107

Design Electrical Rating: 585
 Maximum Dependable Capacity (MWe-Net) 560

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 3,978.35
 310,057.14

 4. Number of Hours Generator On-line
 744.00
 3,962.88
 306,657.29

 5. Reserve Shutdown Hours
 0.00
 0.00
 8.50

6. Net Electrical energy Generated (MWHrs) 417,081.21 2,261,424.23 145,156,054.33

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at full power for the entire month of July. Average power for the month was 99.8%.

DOCKET: 244 PREPARER NAME: John V. Walden UNIT\_NME: Ginna Unit 1 PREPARER TELEPHONE: 585-771-3588

RPT\_PERIOD: 201108

Design Electrical Rating: 585
 Maximum Dependable Capacity (MWe-Net) 560

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,722.35
 310,801.14

 4. Number of Hours Generator On-line
 744.00
 4,706.88
 307,401.29

 5. Reserve Shutdown Hours
 0.00
 0.00
 8.50

6. Net Electrical energy Generated (MWHrs) 418,558.62 2,679,982.85 145,574,612.95

#### **UNIT SHUTDOWNS**

Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at full power for the entire month of August. Average power for the month was 99.8%.

DOCKET: 244 PREPARER NAME: John V. Walden UNIT\_NME: Ginna Unit 1 PREPARER TELEPHONE: 585-771-3588

RPT\_PERIOD: 201109

Design Electrical Rating: 585
 Maximum Dependable Capacity (MWe-Net) 560

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 5,442.35
 311,521.14

 4. Number of Hours Generator On-line
 720.00
 5,426.88
 308,121.29

 5. Reserve Shutdown Hours
 0.00
 0.00
 8.50

6. Net Electrical energy Generated (MWHrs) 411,248.82 3,091,231.67 145,985,861.77

#### **UNIT SHUTDOWNS**

Туре				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at full power for the entire month of September. Average power for the month was 99.8%. Net generation data for September was derived from billing meter data and station meter data due to an apparent failure of the billing meter system on 9/21/11.

DOCKET: 416 PREPARER NAME: Dustin Byars

UNIT\_NME: Grand Gulf Unit 1 PREPARER TELEPHONE: (601) 437-7342

RPT\_PERIOD: 201107

Design Electrical Rating: 1279
 Maximum Dependable Capacity (MWe-Net) 1266

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	207,574.85
4. Number of Hours Generator On-line	744.00	5,087.00	203,253.61
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 878,144.00 6,072,361.00 239,881,680.00

## **UNIT SHUTDOWNS**

Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY

DOCKET: 416 PREPARER NAME: Andrew Fox

UNIT\_NME: Grand Gulf Unit 1 PREPARER TELEPHONE: 601 437-6204

RPT\_PERIOD: 201108

1. Design Electrical Rating: 1279 2. Maximum Dependable Capacity (MWe-Net) 1266

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	208,318.85
4. Number of Hours Generator On-line	744.00	5,831.00	203,997.61
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 887,012.00 6,959,373.00 240,768,692.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY GGNS has been limited to operation at 96% power as a result of isolating the second stage heating steam to the moisture separator reheaters (MSRs). Power reductions for the month included a planned auxiliary cooling tower (ACT) outage (136 MWe-hrs 08/04/2011 at 0038 to 0620) and a planned power reduction for a sequence exchange (5318 MWe-hrs, 08/05/2011 at 2200 to 08/07/2011 at 0340). The unplanned power loss is the result of a minor steam leak on the B heater drain pump which required a brief power reduction and short term operation with the pump out of service (237 MWe-hrs, 8/12/2011 0002 to 8/12/2011 1509).

DOCKET: 416 PREPARER NAME: Andrew Fox

UNIT\_NME: Grand Gulf Unit 1 PREPARER TELEPHONE: 601 437-6204

RPT\_PERIOD: 201109

Design Electrical Rating: 1279
 Maximum Dependable Capacity (MWe-Net) 1266

Month Yr-to	-Date Cui	mulative
00 6,551	.00 209	,038.85
00 6,551	.00 204	,717.61
0.00	0.0	0
	00 6,551 00 6,551	00 6,551.00 209 00 6,551.00 204

6. Net Electrical energy Generated (MWHrs) 872,837.00 7,832,210.00 241,641,529.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

#### SUMMARY Planned Losses:

- -Power limited to 96% due to isolation of the second stage reheaters (41832 MWe-hrs for the month)
- -Downpower to perform control rod testing (286 MWe-hrs, 09/02/2011 at 2200 to 09/02/2011 at 0117)
- -Downpower to for sequence exchange, control rod testing, etc. (569 MWe-hrs, 09/30/2011 at 2200 thru end of month)

#### Unplanned Losses:

- -1% Downpower to remove Heater Drain Pump A from service to fix bearing oil leak and Turbine Building Cooling Water line break (20 MWe-hrs, 09/22/2011 at 0317 to 09/22/2011 at 0419)
- -Efficiency loss from HDP A out of service (450 MWe-hrs, 09/22/2011 at 0317 to 09/24/2011 at 0515).

DOCKET: 400 PREPARER NAME: Patrick Louka

UNIT\_NME: Harris Unit 1 PREPARER TELEPHONE: 919-362-2557 RPT\_PERIOD: 201107

Design Electrical Rating: 941.7
 Maximum Dependable Capacity (MWe-Net) 900

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 188,150.95

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 186,818.02

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 676,763.00 4,704,881.00 162,181,082.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY There were no unit shutdowns during July 2011.

DOCKET: 400 PREPARER NAME: Patrick Louka UNIT\_NME: PREPARER TELEPHONE: 919-362-2557

RPT\_PERIOD: 201108

Design Electrical Rating: 941.7
 Maximum Dependable Capacity (MWe-Net) 900

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	188,894.95
4. Number of Hours Generator On-line	744.00	5,831.00	187,562.02
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 678,847.00 5,383,728.00 162,859,929.00

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY

PREPARER TELEPHONE: 919-362-2557

DOCKET: 400 PREPARER NAME: Patrick Louka Harris Unit 1

UNIT\_NME: RPT\_PERIOD: 201109

1. Design Electrical Rating: 941.7 2. Maximum Dependable Capacity (MWe-Net) 900

Yr-to-Date Cumulative **This Month** 3. Number of Hours the Reactor was Critical 720.00 6,551.00 189,614.95 4. Number of Hours Generator On-line 720.00 6,551.00 188,282.02 5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 661,806.00 6,045,534.00 163,521,735.00

## **UNIT SHUTDOWNS**

		Type		Method of			
		F: Forced	<b>Duration</b>		Shutting	<b>Cause - Corrective Action</b>	
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY There were no unit shutdowns during September 2011.

DOCKET: 321 PREPARER NAME: Ben Mosley

UNIT\_NME: Hatch Unit 1 PREPARER TELEPHONE: 912-537-5872

RPT\_PERIOD: 201107

885 1. Design Electrical Rating: 2. Maximum Dependable Capacity (MWe-Net) 876

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	260,456.32
4. Number of Hours Generator On-line	744.00	5,087.00	253,744.59

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 630,420.00 4,377,404.00 193,994,741.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 began the month of July operating at ~881 GMWe (~2704 CMWt) to maintain condensate suction temperatures below administrative limits. Unit was returned to 100% RTP (~2804 CMWt) on July 1. Approximately 32 similar power reductions occurred during the month as a proactive measure based on a projected high heat index for the day. Load was reduced to ~811 GMWe (~2495 CMWt) to perform CRD exercises, TSV testing, and a rod pattern adjustment on July 8. Shift maintained unit at ~811 GMWe (~2495 CMWt) due to malfunction of MSR A/B 2nd stage low level control valve level controller. Shift reduced load to ~729 GMWe (~2271 CMWt) to crosstie the high level controller and perform a rod pattern adjustment on July 9. Unit was returned to 100% RTP on July 11. Load was reduced to ~772 GMWe (~2369 CMWt) to maintain Main Generator Cold Gas temperature less than 114 degrees F on July 30. Load was reduced to ~579 GMWe (~1850 CMWt) due to loss of Feed Water heating on July 31. Load was reduced to ~424 GMWe (~1408 CMWt) to repair MSR A/B 2nd stage drain tank level control on July 31. Unit 1 ended the month of July operating at ~424 GMWe (~1408 CMWt) to repair MSR A/B 2nd stage drain tank level control.

DOCKET: 321 PREPARER NAME: Ben Mosley

UNIT\_NME: Hatch Unit 1 PREPARER TELEPHONE: 912-537-5872

RPT\_PERIOD: 201108

885 1. Design Electrical Rating: 2. Maximum Dependable Capacity (MWe-Net) 876

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	261,200.32
4. Number of Hours Generator On-line	744.00	5,831.00	254,488.59
5 Pasarya Shutdawa Haure	0.00	0.00	0.00

Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 587,973.00 4,965,377.00 194,582,714.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 began the month of August operating at ~424 GMWe (~1408 CMWt) to repair MSR A/B 2nd stage drain tank level control. Load was reduced to ~380 GMWe (~1306 CMWt) to repair MSR A/B 2nd stage drain tank level control and "C" condenser water box tube leak on August 1. Load was increased but had to be reduced to maintain condensate suction temperatures below administrative limits on August 6. Approximately 19 similar power reductions occurred during the month to maintain condensate suction temperatures below administrative limits as a proactive measure based on a projected high heat index for the day. Load was reduced to ~811 GMWe (~2509 CMWt) to perform CRD exercises and notch timing, TSV testing, and a rod pattern adjustment on August 12. Unit was returned to 100% RTP on August 13. Load was reduced to ~898 GMWe (~2779 CMWt) due to 1A APRM Upscale Alarm on August 13. Unit was returned to 100% RTP on August 14. Unit 1 ended the month of August operating at ~883 GMWe (~2728 CMWt) to maintain condensate suction temperatures below administrative limits.

DOCKET: 321 PREPARER NAME: Ben Mosley

Hatch Unit 1 UNIT\_NME: PREPARER TELEPHONE: 912-537-5872 RPT\_PERIOD: 201109

885 1. Design Electrical Rating:

2. Maximum Dependable Capacity (MWe-Net) 876 **This Month** Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 720.00 6,551.00 261,920.32

4. Number of Hours Generator On-line 720.00 6,551.00 255,208.59

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 615,951.00 5,581,328.00 195,198,665.00

#### **UNIT SHUTDOWNS**

	Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Unit 1 began the month of September operating at ~883 GMWe (~2728 CMWt) to maintain condensate suction temperatures below administrative limits. Two similar power reductions occurred during the month as a proactive measure based on a projected high heat index for the day. Unit was returned to 100% RTP on September 1. Load was reduced to ~910 GMWe (~2783 CMWt) and then to ~848 GMWe (~2495 CMWt) to perform a rod pattern adjustment on September 2. Load was returned to 100% RTP on September 3. Load was reduced to ~859 GMWe (~2517 CMWt) to perform a rod pattern adjustment on September 9. Unit was returned to 100% RTP on September 10. Load was reduced to ~825 GMWe (~2526 CMWt) to perform CRD exercises and notch timing, and TSV testing on September 17. Load was reduced to ~568 GMWe (~1822 CMWt) to perform a rod sequence exchange and TCV testing on September 17. Load was reduced to ~442 GMWe (~1432 CMWt) to repair the 'B' isophase bus duct fan, vent condenser circ water boxes, and perform a rod pattern adjustment on September 17. Load was increased to 912 GMWe (~2783 CMWt) but was reduced to ~475 GMWe (~1542 CMWt) to complete repair of the 'B" isophase bus duct fan on September 19. Unit was returned to 100% RTP on September 22. Load was reduced to ~869 GMWe (~2644 CMWt) to perform a rod pattern adjustment and returned to 100% RTP (~2804 CMWt) on September 23. Unit 1 ended the month operating at 100% RTP (~2804 CMWt).

DOCKET: 366 PREPARER NAME: Ben Mosley

UNIT\_NME: Hatch Unit 2 PREPARER TELEPHONE: 912-537-5872 RPT\_PERIOD: 201107

908 1. Design Electrical Rating: 2. Maximum Dependable Capacity (MWe-Net) 883

**This Month** Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 744.00 4,133.85 235,194.93 4. Number of Hours Generator On-line 744.00 4,053.32 230,273.87 5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 613,524.00 3,324,212.00 179,633,918.00

#### **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Unit 2 began the month of July operating at ~907 GMWe (~2761 CMWt) to maintain condensate suction temperature less than administrative limits. Unit was returned to 100 % RTP on July 1. Approximately 19 similar power reductions occurred during the month as a proactive measure based on a projected high heat index for the day. Load was reduced to ~857 GMWe (~2624 CMWt) due to high vibration on the 2B Reactor Feed pump Turbine on July 11. Load was reduced to ~521 GMWe (~1710 CMWt) to repair the 2B Reactor Feed pump Turbine leaks and balance shaft for vibration reduction on July 12. Unit was returned to 100% RTP on July 18. Load was reduced to ~823 GMWe (~2517 CMWt) to perform CRD exercises, TSV testing, and a rod pattern adjustment on July 29. Unit was returned to 100% RTP on July 31. Unit 2 ended the month operating at ~882 GMWe (~2714 CMWt) to maintain condensate suction temperature less than administrative limits.

DOCKET: 366 PREPARER NAME: Ben Mosley Hatch Unit 2 UNIT\_NME: PREPARER TELEPHONE: 912-537-5872

RPT\_PERIOD: 201108

908 1. Design Electrical Rating: 2. Maximum Dependable Capacity (MWe-Net) 883

**This Month** Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 744.00 4,877.85 235,938.93 4. Number of Hours Generator On-line 744.00 4,797.32 231,017.87 5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 619,729.00 3,943,941.00 180,253,647.00

#### **UNIT SHUTDOWNS**

		Type		Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 began the month of August operating at ~882 GMWe (~2714 CMWt) to maintain condensate suction temperature less than administrative limits. Unit was returned to 100% RTP on August 1. Approximately 11 similar power reductions occurred during the month to maintain condensate suction temperature less than administrative limits as a proactive measure based on a projected high heat index for the day. Load was reduced to ~884 GMWe (~2692 CMWt) due to 2H Safety Relief Valve leakage indication on August 12. Load was reduced to ~827 GMWe (~2523 CMWt) to monitor SRV temperatures and perform TSV testing on August 26. Load was reduced to ~793 GMWe (~2406 CMWt) to perform CRD exercises and then to ~581 GMWe (~1821 CMWt) to perform a rod sequence exchange, TCV testing, vent condenser circ water boxes and repair a Turbine Control Valve pressure switch on August 27. Load was maintained at ~578 GMWe (~1806 CMWt) to complete TCV testing, perform a rod pattern adjustment, and perform TSV testing on August 28. Unit was returned to ~833 GMWe (~2540 CMWt) to monitor SRV temperatures on August 28. Load was reduced to ~760 GMWe (~2308 CMWt) to perform a rod pattern adjustment on August 29. Unit was returned to MOP of ~830 GMWe (~2540 CMWt) to monitor SRV temperatures on August 30. Unit 2 ended the month of August operating at ~830 GMWe (~2540 CMWt) to monitor SRV temperatures.

DOCKET:366PREPARER NAME:Ben MosleyUNIT\_NME:Hatch Unit 2PREPARER TELEPHONE:912-537-5872

RPT\_PERIOD: 201109

Design Electrical Rating: 908
 Maximum Dependable Capacity (MWe-Net) 883

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,597.85	236,658.93
4. Number of Hours Generator On-line	720.00	5,517.32	231,737.87
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 577,279.00 4,521,220.00 180,830,926.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 began and ended the month of September operating at ~830 GMWe (~2540 CMWt) to monitor SRV temperatures.

DOCKET: 354 PREPARER NAME: Walter Bischoff

UNIT\_NME: Hope Creek Unit 1 PREPARER TELEPHONE: 8563391037

RPT\_PERIOD: 201107 2. Maximum Dependable Capacity (MWe-Net) 1172 **This Month** Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 744.00 5,038.38 188,727.02 4. Number of Hours Generator On-line 744.00 5,017.15 185,159.70 5. Reserve Shutdown Hours 0.00 0.00 0.00

1228.1

#### **UNIT SHUTDOWNS**

6,080,328.00

193,532,478.00

Type Method of
F: Forced Duration Shutting Cause - Corrective Action
No. Date S: Scheduled (Hours) Reason 1 Down 2 Comments

874,188.00

SUMMARY The month started with the unit online and the reactor critical at 99.9% power.

1. Design Electrical Rating:

6. Net Electrical energy Generated (MWHrs)

A power decrease of approximately 1.0% (100% to 99%) occurred on 7/6/2011 at 1258 to perform a HPCI inservice surveillance test. Power was stabilized at 99.0% on 7/6/2011 at 1300. Power ascension started on 7/6/2011 at 1410. The unit returned to 100% on 7/6/2011 at 1420. This is a planned power reduction, but it is excluded from NEI-99-02 since the power reduction was planned more than 10 days in advance.

A power decrease of approximately 1.0% (100% to 99%) occurred on 7/7/2011 at 1623 due to main condenser pressures reaching the main turbine design back pressure limit as a result of:

Extreme environmental conditions, high dry bulb and wet bulb air temperatures

Hope Creek 15% power uprate design resulted in higher condenser pressures.

Power was stabilized at 99% on 7/7/2011 at 1640. Power ascension started on 7/7/2011 at 2040. The unit returned to 100% on 7/7/2011 at 2041. This is an unplanned power reduction, but it is excluded from NEI-99-02 since the power reduction is less than 20% RCTP.

A power decrease of approximately 2.0% (100% to 98%) occurred on 7/11/2011 at 1701 due to main condenser pressures reaching the main turbine design back pressure limit as a result of:

Extreme environmental conditions, high dry bulb and wet bulb air temperatures

Hope Creek 15% power uprate design resulted in higher condenser pressures.

Power was stabilized at 98% on 7/11/2011 at 1824. Power ascension started on 7/12/2011 at 0002. The unit returned to 100% on 7/12/2011 at 0045. This is an unplanned power reduction, but it is excluded from NEI-99-02 since the power reduction is less than 20% RCTP.

A power decrease of approximately 1.0% (100% to 99%) occurred on 7/12/2011 at 1712 due to main condenser pressures reaching the main turbine design back pressure limit as a result of:

Extreme environmental conditions, high dry bulb and wet bulb air temperatures

Hope Creek 15% power uprate design resulted in higher condenser pressures.

Power was stabilized at 99% on 7/12/2011 at 1713. Power ascension started on 7/13/2011 at 0005. The unit returned to 100% on 7/13/2011 at 0110. This is an unplanned power reduction, but it is excluded from NEI-99-02 since the power reduction is less than 20% RCTP.

A power decrease of approximately 1.0% (100% to 99%) occurred on 7/19/2011 at 1234 due to main condenser pressures reaching the main turbine design back pressure limit as a result of:

Extreme environmental conditions, high dry bulb and wet bulb air temperatures

Hope Creek 15% power uprate design resulted in higher condenser pressures.

Power was stabilized at 99% on 7/19/2011 at 1250. Power ascension started on 7/19/2011 at 1700. The unit returned to 100% on 7/19/2011 at 1710. This is an unplanned power reduction, but it is excluded from NEI-99-02 since the power reduction is less than 20% RCTP.

A power decrease of approximately 1.0% (100% to 99%) occurred on 7/19/2011 at 1925 due to main condenser pressures reaching the main turbine design back pressure limit as a result of:

Extreme environmental conditions, high dry bulb and wet bulb air temperatures

Hope Creek 15% power uprate design resulted in higher condenser pressures.

Power was stabilized at 99% on 7/19/2011 at 1930. Power ascension started on 7/19/2011 at 2100. The unit returned to 100% on 7/19/2011 at 2106. This is an unplanned power reduction, but it is excluded from NEI-99-02 since the power reduction is less than 20% RCTP.

A power decrease of approximately 6.7% (99.7% to 93%) occurred on 7/21/2011 at 1023 due to main condenser pressures reaching the main turbine design back pressure limit as a result of:

Extreme environmental conditions, high dry bulb and wet bulb air temperatures

Hope Creek 15% power uprate design resulted in higher condenser pressures.

Power was stabilized at 93.0% on 7/21/2011 at 1938. Power ascension started on 7/22/2011 at 0059. The unit returned to 95.0% on 7/22/2011 at 0516. The unit maintained 95.0% power until a power decrease of approximately 1.0% (95.0% to 94.0%) occurred on 7/22/11 at 1001 due to main condenser pressures reaching the main turbine design back pressure limit as a result of:

Extreme environmental conditions, high dry bulb and wet bulb air temperatures

Hope Creek 15% power uprate design resulted in higher condenser pressures.

Power reached 94.0% on 7/22/11 at 1042.

This is an unplanned power reduction, but it is excluded from NEI-99-02 since the power reduction is less than 20% RCTP.

A power decrease of approximately 12.9% (94.0% to 81.1%) occurred on 7/22/2011 at 1042 due to rising Turbine Auxiliary Cooling System

DOCKET: PREPARER NAME: Walter Bischoff 354

Hope Creek Unit 1 UNIT NME: PREPARER TELEPHONE: 8563391037

RPT\_PERIOD: 201108

1. Design Electrical Rating: 1228 1 2. Maximum Dependable Capacity (MWe-Net) 1172

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,782.38	189,471.02
4. Number of Hours Generator On-line	744.00	5,761.15	185,903.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	883,763.00	6,964,091.00	194,416,241.00

#### **UNIT SHUTDOWNS**

Method of Type F: Forced **Cause - Corrective Action** Duration Shutting No. Date S: Scheduled (Hours) Reason 1 Down 2 **Comments** 

SUMMARY The month started with the unit online and the reactor critical at 99.8% power.

A power decrease of approximately 1.0% (99.5% to 98.5%) occurred on 8/1/2011 at 1343 due to main condenser pressures reaching the main turbine design back pressure limit as a result of:

Extreme environmental conditions, high dry bulb and wet bulb air temperatures

Hope Creek 15% power uprate design resulted in higher condenser pressures.

Power was stabilized at 98.5% on 8/1/2011 at 1347. Power ascension started on 8/1/2011 at 2103. The unit returned to 100% on 8/1/2011 at 2129. This is an unplanned power reduction, but it is excluded from NEI-99-02 since the power reduction is less than 20% RCTP.

A power decrease of approximately 1.0% (100% to 99.0%) occurred on 8/6/2011 at 1807 due to main condenser pressures reaching the main turbine design back pressure limit as a result of:

Extreme environmental conditions, high dry bulb and wet bulb air temperatures

Hope Creek 15% power uprate design resulted in higher condenser pressures.

Power was stabilized at 99.0% on 8/6/2011 at 1809. Power ascension started on 8/6/2011 at 2110. The unit returned to 100% on 8/6/2011 at 2116. This is an unplanned power reduction, but it is excluded from NEI-99-02 since the power reduction is less than 20% RCTP.

A power decrease of approximately 4.0% (100% to 96.0%) occurred on 8/7/2011 at 1408 due to main condenser pressures reaching the main turbine design back pressure limit as a result of:

Extreme environmental conditions, high dry bulb and wet bulb air temperatures

Hope Creek 15% power uprate design resulted in higher condenser pressures.

Power was stabilized at 96.0% on 8/7/2011 at 1555. Power ascension started on 8/8/2011 at 0114. The unit returned to 100% on 8/8/2011 at 0350. This is an unplanned power reduction, but it is excluded from NEI-99-02 since the power reduction is less than 20% RCTP.

A power decrease of approximately 4.0% (100% to 96.0%) occurred on 8/9/2011 at 1128 due to main condenser pressures reaching the main turbine design back pressure limit as a result of:

Extreme environmental conditions, high dry bulb and wet bulb air temperatures

Hope Creek 15% power uprate design resulted in higher condenser pressures.

Power was stabilized at 96.0% on 8/9/2011 at 1239. Power ascension started on 8/9/2011 at 1350. The unit returned to 100% on 8/9/2011 at 1540. This is an unplanned power reduction, but it is excluded from NEI-99-02 since the power reduction is less than 20% RCTP.

A power decrease of approximately 1.0% (100% to 99.0%) occurred on 8/18/2011 at 2346 due to a loss of the plant reactor heat balance computer program cause by a loss of 120VAC to the plant process computer.

Power was stabilized at 99.0% on 8/19/2011 at 0000. Power ascension started on 8/19/2011 at 0110. The unit returned to 100% on 8/19/2011 at 0120. This is an unplanned power reduction, but it is excluded from NEI-99-02 since the power reduction is less than 20% RCTP.

A power decrease of approximately 1.0% (100% to 99.0%) occurred on 8/21/2011 at 1518 due to main condenser pressures reaching the main turbine design back pressure limit as a result of:

Extreme environmental conditions, high dry bulb and wet bulb air temperatures

Hope Creek 15% power uprate design resulted in higher condenser pressures.

Power was stabilized at 99.0% on 8/21/2011 at 1530. Power ascension started on 8/21/2011 at 1740. The unit returned to 100% on 8/21/2011 at 1748. This is an unplanned power reduction, but it is excluded from NEI-99-02 since the power reduction is less than 20% RCTP.

The month ended with the unit online and the reactor critical at 99.9% power.

The SRVs were not challenged by any over pressurization events or transients that would have required the valves to respond automatically.

DOCKET: 354 PREPARER NAME: Walter Bischoff

UNIT\_NME: Hope Creek Unit 1 PREPARER TELEPHONE: 8563391037

RPT\_PERIOD: 201109

Design Electrical Rating: 1228.1
 Maximum Dependable Capacity (MWe-Net) 1172

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,502.38	190,191.02
4. Number of Hours Generator On-line	720.00	6,481.15	186,623.70
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 857,919.00 7,822,010.00 195,274,160.00

#### **UNIT SHUTDOWNS**

		Туре			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY The month started with the unit online and the reactor critical at 99.9% power.

A power decrease of approximately 24% (100% to 76.0%) occurred on 9/10/2011 at 0000 to perform quarterly main turbine intercept valve testing.

Power was stabilized at 76.0% on 9/10/2011 at 0145. Power ascension started on 9/10/2011 at 0436. The unit returned to 83% on 9/10/2011 at 0459 and held at 83% to perform a major control rod pattern adjustment and Control Rod SCRAM Time Testing. Power ascension resumed on 9/10/2011 at 1418 from 83.5%. The unit returned to 100% on 9/10/2011 at 1540. This is a planned power reduction, and it is excluded from NEI-99-02 since the power reduction was planned more than 10 days in advance.

A power decrease of approximately 5.0% (100% to 95.0%) occurred on 9/12/2011 at 0002 to perform a minor control rod pattern adjustment. Power was stabilized at 95% on 9/12/2011 at 0016. Power ascension started on 9/12/2011 at 0056. The unit returned to 100% on 9/12/2011 at 0111. This is a planned power reduction, but it is excluded from NEI-99-02 since the power reduction was planned more than 10 days in advance.

The month ended with the unit online and the reactor critical at 99.8% power.

The SRVs were not challenged by any over pressurization events or transients that would have required the valves to respond automatically.

DOCKET: 247 PREPARER NAME: Ron Macina

UNIT\_NME: Indian Point Unit 2 PREPARER TELEPHONE: (914)734-6839

RPT\_PERIOD: 201107

Design Electrical Rating: 1035
 Maximum Dependable Capacity (MWe-Net) 998

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,990.08
 245,842.38

 4. Number of Hours Generator On-line
 744.00
 4,975.03
 241,375.52

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 744,226.29 5,027,226.57 214,667,202.25

#### **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action	
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Indian Point 2 was synchronized to the grid for a total of 744 hours, producing a gross generation of 769,690 MWhrs. The unit operated at full power for the entire month.

DOCKET: 247 PREPARER NAME:

Ron Macina Indian Point Unit 2 UNIT\_NME: PREPARER TELEPHONE: (914)734-6839

RPT\_PERIOD: 201108

1. Design Electrical Rating: 1035 2. Maximum Dependable Capacity (MWe-Net) 998

Yr-to-Date **This Month** Cumulative 3. Number of Hours the Reactor was Critical 744.00 5,734.08 246,586.38 4. Number of Hours Generator On-line 744.00 5,719.03 242,119.52 5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 741,881.87 5,769,108.44 215,409,084.12

#### **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action	
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Indian Point 2 was synchronized to the grid for a total of 744 hours, producing a gross generation of 767,209 MWhrs. The unit operated at full power for the entire month.

DOCKET: 247 PREPARER NAME:

Ron Macina Indian Point Unit 2 UNIT\_NME: PREPARER TELEPHONE: (914)734-6839

RPT\_PERIOD: 201109

1. Design Electrical Rating: 1035 2. Maximum Dependable Capacity (MWe-Net) 998

Yr-to-Date **This Month** Cumulative 3. Number of Hours the Reactor was Critical 720.00 6,454.08 247,306.38 4. Number of Hours Generator On-line 720.00 6,439.03 242,839.52 5. Reserve Shutdown Hours 0.00 0.00 0.00

733,030.90 6. Net Electrical energy Generated (MWHrs) 6,502,139.34 216,142,115.02

## **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action	
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Indian Point 2 was synchronized to the grid for a total of 720 hours, producing a gross generation of 757,489 MWhrs. The unit operated at full power for the entire month.

DOCKET: 286 PREPARER NAME: Ron Macina

UNIT\_NME: Indian Point Unit 3 PREPARER TELEPHONE: (914)734-6839

RPT\_PERIOD: 201107

Design Electrical Rating: 1048
 Maximum Dependable Capacity (MWe-Net) 1030

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,317.89	216,902.68
4. Number of Hours Generator On-line	744.00	4,280.65	213,611.73
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 769,877.00 4,395,114.00 199,467,011.00

## **UNIT SHUTDOWNS**

		Type				
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Indian Point 3 was synchronized to the grid for a total of 744 hours, producing a gross generation of 796,267 MWhrs. The unit operated at full power for the entire month.

DOCKET: 286 PREPARER NAME: Ron Macina

UNIT\_NME: **Indian Point Unit 3** PREPARER TELEPHONE: (914)734-6839

RPT\_PERIOD: 201108

1. Design Electrical Rating: 1048 2. Maximum Dependable Capacity (MWe-Net) 1030

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,061.89	217,646.68
4. Number of Hours Generator On-line	744.00	5,024.65	214,355.73
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 766,291.00 5,161,405.00 200,233,302.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Indian Point 3 was synchronized to the grid for a total of 744 hours, producing a gross generation of 792,618 MWhrs. The Unit began the month at full power. The Unit operated at full power until 8/19/2011 at approximately 1805 hours, when a Loss of Offsite Power event occurred in the Buchanan Switchyard due to a lightning strike. Reactor Power was reduced to approximately 73.2% due to lowering condenser vacuum which was a result of a partial loss of Circulating Water Pumps. Offsite Power was restored to normal on 8/20/2011 at approximately 0405 hours and power ascension back to 100% was commenced. Full power was reached on 8/20/2011 at approximately 1123 hours. The Unit remained at full power for the remainder of the month.

DOCKET: 286 PREPARER NAME: Ron Macina

Indian Point Unit 3 UNIT\_NME: PREPARER TELEPHONE: (914)734-6839

RPT\_PERIOD: 201109

1. Design Electrical Rating: 1048 2. Maximum Dependable Capacity (MWe-Net) 1030

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,781.89	218,366.68
4. Number of Hours Generator On-line	720.00	5,744.65	215,075.73
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 200,984,169.00 750,867.00 5,912,272.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Indian Point 3 was synchronized to the grid for a total of 720 hours, producing a gross generation of 776,258 MWhrs. The unit operated at full power until 9/20/10 when power was reduced to ~93.7% to perform a Turbine Stop and Control Valve test. The unit operated at full power for the remainder of the month.

DOCKET: 305 PREPARER NAME: J. A. Gadzinski

UNIT\_NME: Kewaunee Unit 1 PREPARER TELEPHONE: 920-388-8776

RPT\_PERIOD: 201107

Design Electrical Rating: 574
 Maximum Dependable Capacity (MWe-Net) 556

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,414.78
 278,110.91

 4. Number of Hours Generator On-line
 744.00
 4,396.08
 275,553.27

 5. Reserve Shutdown Hours
 0.00
 0.00
 10.00

6. Net Electrical energy Generated (MWHrs) 426,933.00 2,489,540.00 141,399,843.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit continues to operate at 100% steady state power

DOCKET: 305 PREPARER NAME: J. A. Gadzinski

UNIT\_NME: Kewaunee Unit 1 PREPARER TELEPHONE: 920-388-8776

RPT\_PERIOD: 201108

Design Electrical Rating: 574
 Maximum Dependable Capacity (MWe-Net) 556

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,158.78
 278,854.91

 4. Number of Hours Generator On-line
 744.00
 5,140.08
 276,297.27

 5. Reserve Shutdown Hours
 0.00
 0.00
 10.00

6. Net Electrical energy Generated (MWHrs) 423,274.00 2,912,814.00 141,823,117.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit continues to operate at 100% power steady state

DOCKET: 305 PREPARER NAME: J.A. Gadzinski

UNIT\_NME: Kewaunee Unit 1 PREPARER TELEPHONE: 920-388-8776

RPT\_PERIOD: 201109

Design Electrical Rating: 574
 Maximum Dependable Capacity (MWe-Net) 556

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,878.78	279,574.91
4. Number of Hours Generator On-line	720.00	5,860.08	277,017.27
5. Reserve Shutdown Hours	0.00	0.00	10.00

6. Net Electrical energy Generated (MWHrs) 411,659.00 3,324,473.00 142,234,776.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	<b>Duration</b>		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit continues to operate at 100% power steady state.

DOCKET: 373 PREPARER NAME: S. Shields

UNIT\_NME: LaSalle Unit 1 PREPARER TELEPHONE: (815) 415-2811 RPT\_PERIOD: 201107

Design Electrical Rating: 1178
 Maximum Dependable Capacity (MWe-Net) 1111

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,896.10	187,995.49
4. Number of Hours Generator On-line	744.00	4,856.30	185,502.58
5. Reserve Shutdown Hours	0.00	0.00	1.00

6. Net Electrical energy Generated (MWHrs) 837,032.00 5,612,788.00 194,306,487.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 operated at or near full power during July 2011.

DOCKET: 373 PREPARER NAME: S. Shields

UNIT\_NME: LaSalle Unit 1 PREPARER TELEPHONE: (815) 415-2811 RPT\_PERIOD: 201108

Design Electrical Rating: 1178
 Maximum Dependable Capacity (MWe-Net) 1111

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,640.10	188,739.49
4. Number of Hours Generator On-line	744.00	5,600.30	186,246.58
5. Reserve Shutdown Hours	0.00	0.00	1.00

6. Net Electrical energy Generated (MWHrs) 838,372.00 6,451,160.00 195,144,859.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 operated at or near full power during August 2011.

DOCKET: 373 PREPARER NAME: S. Shields

UNIT\_NME: LaSalle Unit 1 PREPARER TELEPHONE: (815) 415-2811 RPT\_PERIOD: 201109

Design Electrical Rating: 1178
 Maximum Dependable Capacity (MWe-Net) 1111

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,360.10	189,459.49
4. Number of Hours Generator On-line	720.00	6,320.30	186,966.58
5. Reserve Shutdown Hours	0.00	0.00	1.00

6. Net Electrical energy Generated (MWHrs) 826,426.00 7,277,586.00 195,971,285.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 operated at or near full power during September 2011 with the following exception: 1) Power was reduced on 09/03/11 to approximately 65% to support planned control rod sequence exchange, scram timing, and surveillances. Power was restored to 100% on 09/04/11.

DOCKET: 374 PREPARER NAME: S. Shields

UNIT\_NME: LaSalle Unit 2 PREPARER TELEPHONE: (815) 415-2811 RPT\_PERIOD: 201107

Design Electrical Rating: 1178
 Maximum Dependable Capacity (MWe-Net) 1111

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,594.36
 179,933.63

 4. Number of Hours Generator On-line
 744.00
 4,565.42
 178,631.95

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 838,552.00 5,169,561.00 189,321,194.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 operated at or near full power during July 2011.

DOCKET: 374 PREPARER NAME: S. Shields

UNIT\_NME: LaSalle Unit 2 PREPARER TELEPHONE: (815) 415-2811 RPT\_PERIOD: 201108

Design Electrical Rating: 1178
 Maximum Dependable Capacity (MWe-Net) 1111

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,338.36	180,677.63
4. Number of Hours Generator On-line	744.00	5,309.42	179,375.95
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 831,182.00 6,000,743.00 190,152,376.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 operated at or near full power during August 2011 with the following exceptions: 1) Power was reduced on 08/21/11 to approximately 85% due to a failure of the 24A LP Heater normal drain valve controller. Power was restored to 100% on 08/22/11. This resulted in an unplanned energy loss. 2) Power was reduced on 08/27/11 to approximately 63% to support planned control rod sequence exchange, scram timing, and surveillances. Power was restored to 100% on 08/28/11.

DOCKET: 374 PREPARER NAME: S. Shields

UNIT\_NME: LaSalle Unit 2 PREPARER TELEPHONE: (815) 415-2811 RPT\_PERIOD: 201109

Design Electrical Rating: 1178
 Maximum Dependable Capacity (MWe-Net) 1111

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,058.36	181,397.63
4. Number of Hours Generator On-line	720.00	6,029.42	180,095.95
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 830,630.00 6,831,373.00 190,983,006.00

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 operated at or near full power during September 2011.

DOCKET: 352 PREPARER NAME: Leonard J. Maioriello

UNIT\_NME: Limerick Unit 1 PREPARER TELEPHONE: 610-718-3512

RPT\_PERIOD: 201107

Design Electrical Rating: 1191
 Maximum Dependable Capacity (MWe-Net) 1092

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,045.83	202,977.85
4. Number of Hours Generator On-line	744.00	4,988.13	200,668.80
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 838,427.00 5,611,987.00 214,733,011.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 began the month of July 2011 at 100% Rated Thermal Power (RTP).

On July 21st at 12:53 hours, reactor power was reduced from 100.0 % to 92.7% RTP due to high condensate temperature caused by high ambient conditions.

On July 23rd at 05:18 hours, reactor power was restored to 99.6% RTP. At 16:12 hours, reactor power was reduced from 99.6% to 97.0% RTP due to high condensate temperature caused by high ambient conditions.

On 07/24/11 at 00:57 hours, reactor power was restored to 99.6% RTP

Unit 1 ended the month of July 2011 at 99.9% RTP.

DOCKET: 352 PREPARER NAME: Leonard J. Maioriello

UNIT\_NME: Limerick Unit 1 PREPARER TELEPHONE: 610-718-3512

RPT\_PERIOD: 201108

Design Electrical Rating: 1191
 Maximum Dependable Capacity (MWe-Net) 1092

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,789.83	203,721.85
4. Number of Hours Generator On-line	744.00	5,732.13	201,412.80
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	845,315.00	6,457,302.00	215,578,326.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 began the month of August 2011 at 99.9% Rated Thermal Power (RTP).

On August 4th at 00:42 hours, reactor power was reduced from 100.0 % to 98.5% RTP at the request of the power team due to a hot spot on the  $220-62 \ 230 \ \text{KV}$  line.

Reactor power was restored to 99.7% RTP at 04:48 hours.

On August 27th at 23:14 hours, reactor power was reduced from 100.0% to 96.9% RTP due to lowering condenser vacuum due to hurricane Irene (IR 1256324).

On August 28th at 13:13 hours, reactor power was restored to 99.6% RTP.

Unit 1 ended the month of August 2011 at 100.0% RTP.

DOCKET: 352 PREPARER NAME: Leonard J. Maioriello

UNIT\_NME: Limerick Unit 1 PREPARER TELEPHONE: 610-718-3512

RPT\_PERIOD: 201109

Design Electrical Rating: 1191
 Maximum Dependable Capacity (MWe-Net) 1092

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,509.83	204,441.85
4. Number of Hours Generator On-line	720.00	6,452.13	202,132.80
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 812,198.00 7,269,500.00 216,390,524.00

#### **UNIT SHUTDOWNS**

		Туре			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 began the month of September 2011 at 100.0% Rated Thermal Power (RTP)

On September 2nd at 22:01 hours, reactor power was reduced from 99.8 % to 63.2% RTP due to a planned post summer readiness load drop. On September 4th at 14:48 hours, reactor power was restored to 99.6%.

On September 11th at 10:01 hours, reactor power was reduced from 99.9% to 90.1% RTP due to a control rod pattern adjustment. Reactor power was restored to 99.6% RTP at 13:48 hours.

Unit 1 ended the month of September 2011 at 99.7% RTP.

DOCKET: 353 PREPARER NAME: Leonard J. Maioriello

UNIT\_NME: Limerick Unit 2 PREPARER TELEPHONE: 610-718-3512

RPT\_PERIOD: 201107

Design Electrical Rating: 1191
 Maximum Dependable Capacity (MWe-Net) 1096

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,360.73	178,213.16
4. Number of Hours Generator On-line	744.00	4,244.57	175,956.96
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 832,390.00 4,701,520.00 192,847,110.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 began the month of July 2011 at 99.9% of rated thermal power (RTP).

On July 11th at 13:22 hours, reactor power was reduced from 100.0% to 96.4% RTP due to high condensate temperature caused by high ambient conditions.

On July 12th at 03:46 hours, reactor power was restored to 99.5% RTP.

On July 18th 13:41 hours, reactor power was reduced from 100% to 93.8% RTP due to high condensate temperature caused by high ambient conditions.

On July 19th at 01:38 hours, reactor power was restored to 99.6 % RTP.

Reactor power was reduced from 99.7% to 96.5% at 15:12 hours due to high condensate temperature caused by high ambient conditions. On July 20th at 00:23 hours, reactor power was restored to 99.6% RTP.

On July 20th at 14:30 hours, reactor power was reduced from 99.8% to 84.2% due to high condensate temperature caused by very high ambient conditions.

On July 24th at 23:32 hours, reactor power was restored to 99.6% RTP.

On July 27th at 11:01 hours, reactor power was reduced from 99.9% to 99.1% RTP due to failure of the LEFM Feedwater flow measurement system (IR 1244406, 1244680).

On July 28th at 00:33 hours, reactor power was restored to 99.6% RTP.

On July 29th at 13:32 hours, reactor power was reduced from 99.8% to 91.2% RTP due to high condensate temperature which was caused by high ambient conditions.

On July 30th at 04:05 hours, reactor power was restored to 99.7% RTP.

Unit 2 ended the month of June 2011 at 99.9% RTP.

DOCKET: 353 PREPARER NAME: Leonard J. Maioriello

UNIT\_NME: Limerick Unit 2 PREPARER TELEPHONE: 610-718-3512

RPT\_PERIOD: 201108

Design Electrical Rating: 1191
 Maximum Dependable Capacity (MWe-Net) 1096

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,104.73	178,957.16
4. Number of Hours Generator On-line	744.00	4,988.57	176,700.96
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 847,614.00 5,549,134.00 193,694,724.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 began the month of August 2011 at 99.9% of rated thermal power (RTP).

On August 7th at 19:30 hours, reactor power was reduced from 100.0% to 98.8% RTP due to high condensate temperature caused by high ambient conditions.

On August 8th at 05:00 hours, reactor power was restored to 99.5% RTP.

On August 27th 23:33 hours, reactor power was reduced from 100% to 89.6% RTP due to lowering condenser vacuum due to hurricane Irene (IR 1256340).

On August 28th at 14:52 hours, reactor power was restored to 99.6 % RTP.

Unit 2 ended the month of August 2011 at 100.0% RTP.

DOCKET: 353 PREPARER NAME: Leonard J. Maioriello

UNIT\_NME: Limerick Unit 2 PREPARER TELEPHONE: 610-718-3512

RPT\_PERIOD: 201109

1. Design Electrical Rating: 1191 2. Maximum Dependable Capacity (MWe-Net) 1096

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,824.73	179,677.16
4. Number of Hours Generator On-line	720.00	5,708.57	177,420.96
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 817,429.00 6,366,563.00 194,512,153.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 began the month of September 2011 at 100.0% of rated thermal power (RTP).

> On September 9th at 22:01 hours, reactor power was reduced from 99.9% to 59.8% RTP due to a planned post summer readiness load drop. On September 11th at 00:59 hours, reactor power was restored to 99.5% RTP.

On September 15th at 22:01 hours, reactor power was reduced from 99.8% to 90.3% RTP due to a control rod pattern adjustment. On September 16th at 00:03 hours, reactor power was restored to 99.6% RTP.

Unit 2 ended the month of September 2011 at 100.0% RTP.

DOCKET: 369 PREPARER NAME: Kay Crane

UNIT\_NME: McGuire Unit 1 PREPARER TELEPHONE: (980) 875-4306

RPT\_PERIOD: 201107

Design Electrical Rating: 1180
 Maximum Dependable Capacity (MWe-Net) 1100

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,990.07	211,822.26
4. Number of Hours Generator On-line	744.00	4,982.43	210,318.17
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 843,807.00 5,695,364.00 228,541,458.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY McGuire Unit 1 began and ended July 2011 at 100% RTP. There were no unplanned power reductions for the month.

DOCKET: 369 PREPARER NAME: Kay Crane

UNIT\_NME: McGuire Unit 1 PREPARER TELEPHONE: (980) 875-4306

RPT\_PERIOD: 201108

Design Electrical Rating: 1180
 Maximum Dependable Capacity (MWe-Net) 1100

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,734.07	212,566.26
4. Number of Hours Generator On-line	744.00	5,726.43	211,062.17
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 847,529.00 6,542,893.00 229,388,987.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY McGuire Unit 1 began and ended August 2011 at 100% RTP. There were no unplanned power reductions for the month.

DOCKET: 369 PREPARER NAME: Kay Crane

UNIT\_NME: McGuire Unit 1 PREPARER TELEPHONE: (980) 875-4306

RPT\_PERIOD: 201109

Design Electrical Rating: 1180
 Maximum Dependable Capacity (MWe-Net) 1100

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	391.18	6,125.25	212,957.44
4. Number of Hours Generator On-line	390.98	6,117.41	211,453.15
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 431,379.00 6,974,272.00 229,820,366.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2	9/17/2011	S	329.02	С	1	The unit was shutdown via inserting control rods to begin the 1EOC21 refueling outage on 9/17/11 at 07:11.  The Generator Breakers were opened at 6:59 coinciding with tripping the turbine offline.

SUMMARY The unit was shutdown as planned via inserting control rods to begin the 1EOC21 refueling outage on 9/17/11 at 07:11. The Generator Breakers were opened at 6:59 coinciding with tripping the turbine offline.

DOCKET: 370 PREPARER NAME: Kay Crane

UNIT\_NME: McGuire Unit 2 PREPARER TELEPHONE: (980) 875-4306

RPT\_PERIOD: 201107

Design Electrical Rating: 1180
 Maximum Dependable Capacity (MWe-Net) 1100

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,075.77	204,922.62
4. Number of Hours Generator On-line	744.00	4,033.15	203,463.96
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 841,216.00 4,554,995.00 226,646,729.00

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY McGuire Unit 2 began and ended July 2011 at 100% RTP. There were no unplanned power reductions for the month.

DOCKET: 370 PREPARER NAME: Kay Crane

UNIT\_NME: McGuire Unit 2 PREPARER TELEPHONE: (980) 875-4306

RPT\_PERIOD: 201108

Design Electrical Rating: 1180
 Maximum Dependable Capacity (MWe-Net) 1100

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,819.77	205,666.62
4. Number of Hours Generator On-line	744.00	4,777.15	204,207.96
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 838,557.00 5,393,552.00 227,485,286.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY McGuire Unit 2 began and ended August 2011 at 100% RTP. There were no unplanned power reductions for the month.

DOCKET: 370 PREPARER NAME: Kay Crane

UNIT\_NME: McGuire Unit 2 PREPARER TELEPHONE: (980) 875-4306

RPT\_PERIOD: 201109

Design Electrical Rating: 1180
 Maximum Dependable Capacity (MWe-Net) 1100

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,539.77	206,386.62
4. Number of Hours Generator On-line	720.00	5,497.15	204,927.96
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 820,167.00 6,213,719.00 228,305,453.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY McGuire Unit 2 began and ended September 2011 at 100% RTP. There were no unplanned power reductions for the month.

DOCKET: 336 PREPARER NAME: S. Claffey

UNIT\_NME: Millstone Unit 2 PREPARER TELEPHONE: 860-447-1791 x2456

RPT\_PERIOD: 201107

Design Electrical Rating: 883.5
 Maximum Dependable Capacity (MWe-Net) 877.7

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,311.93
 218,606.04

 4. Number of Hours Generator On-line
 744.00
 4,287.22
 212,571.97

 5. Reserve Shutdown Hours
 0.00
 0.00
 468.20

6. Net Electrical energy Generated (MWHrs) 651,431.70 3,732,098.60 177,582,537.80

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Millstone Unit 2 operated at or near 100% power for the month of July 2011.

DOCKET: 336 PREPARER NAME: S. Claffey

UNIT\_NME: Millstone Unit 2 PREPARER TELEPHONE: 860-447-1791 x2456

RPT\_PERIOD: 201108

Design Electrical Rating: 883.5
 Maximum Dependable Capacity (MWe-Net) 877.7

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,055.93	219,350.04
4. Number of Hours Generator On-line	744.00	5,031.22	213,315.97
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	629,215.10	4,361,313.70	178,211,752.90

# **UNIT SHUTDOWNS**

Туре			Method of			
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Millstone Unit 2 operated at or near 100% power from the beginning of the month until August 19, 2011. At 0916 hours on August 19, 2011, the unit reduced load to 90% power to perform a Main Turbine Control Valve operability test. The unit returned to 100% power at 1800 hours, on August 19, 2011. At 2133 hours on August 27, 2011, the unit reduced load to 50% power due to Hurricane Irene. The unit returned to 100% power at 2300 hours, on August 29, 2011. Millstone Unit 2 operated at or near 100% power for the remainder of the month.

DOCKET: 336 PREPARER NAME: S. Claffey

UNIT\_NME: Millstone Unit 2 PREPARER TELEPHONE: 860-447-1791 x2456

RPT\_PERIOD: 201109

Design Electrical Rating: 883.5
 Maximum Dependable Capacity (MWe-Net) 877.7

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	391.70	5,447.63	219,741.74
4. Number of Hours Generator On-line	381.58	5,412.80	213,697.55
5. Reserve Shutdown Hours	0.00	0.00	468.20
Net Electrical energy Generated (MWHrs)	314.197.90	4.675.511.60	178.525.950.80

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2011-	9/3/2011	F	338.42	Α	1	The cause of the shutdown was a thru-wall leak in service water piping supplying an emergency diesel generator. Corrective actions included replacement of the service water pipe flanged spool piece and replacement of the reactor coolant pump shaft seal package.

SUMMARY

Millstone Unit 2 operated at or near 100% power from the beginning of the month until September 3, 2011. At 1534 hours on September 3, 2011, the unit commenced a reactor and plant shutdown due to a leak in the service water piping supplying the "A" Emergency Diesel Generator. While the unit was shutdown, a leaking shaft seal package was replaced in the "C" Reactor Coolant Pump. The reactor was returned to critical at 1550 hours, on September 17, 2011 and the generator was placed on the line at 0157 hours on September 18, 2011. The unit returned to 100% power at 0610 hours, on September 19, 2011. At 2312 hours on September 28, 2011, the unit reduced load to 79% power due to degrading condenser pressure caused by a failure of the "A" Circulating Water Pump. After the "A" condenser waterbox was cross-tied to the "B" waterbox, the unit commenced a return to 100% power at 0138 hours on September 30, 2011. The unit returned to or near 100% power at the end of the month.

DOCKET: 423 PREPARER NAME: S. Claffey

UNIT\_NME: Millstone Unit 3 PREPARER TELEPHONE: 860-447-1791 x2456

RPT\_PERIOD: 201107

Design Electrical Rating: 1229
 Maximum Dependable Capacity (MWe-Net) 1218

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	172,359.82
4. Number of Hours Generator On-line	744.00	5,087.00	170,336.34
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 908,214.90 6,277,675.20 191,357,372.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Millstone Unit 3 operated at or near 100% power from the beginning of the month until July 20, 2011. At 2101 hours on July 20, 2011, the unit commenced a power reduction to 85% power to support removal of the 'B' Turbine Driven Main Feed Pump from service. The unit placed the Motor Driven Main Feed Pump in service and commenced a power ascension to 100% at 0212 hours on July 21, 2011. The unit reached 100% power at 1114 hours on July 21, 2011 and continued to operate at or near 100% power throughout the remainder of July 2011.

PREPARER NAME: DOCKET: 423 K. Cook

UNIT\_NME: Millstone Unit 3 PREPARER TELEPHONE: 860-447-1791 X6572

RPT\_PERIOD: 201108

1. Design Electrical Rating: 1229 2. Maximum Dependable Capacity (MWe-Net) 1218

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	173,103.82
4. Number of Hours Generator On-line	744.00	5,831.00	171,080.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	873,657.60	7,151,332.80	192,231,029.6

873,657.60 192,231,029.60 7,151,332.80

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Millstone Unit 3 operated at or near 100% power from the beginning of the month until August 16, 2011. At 1020 hours on August 16, 2011, the unit commenced a power reduction to 93% power to perform routine Turbine Control Valve Testing and to repair the "B" moisture separator drain pump. The unit commenced a power ascension to 100% at 0028 hours and reached 100% power at 0252 hours on August 19, 2011.

The plant remained at 100% power until August 27, 2011. At 1020 hours on August 27, 2011 the unit commenced a power reduction to 70% for hurricane preparations. The unit continued a power reduction to 55% power on August 28, 2011 at 0749 hours. The plant commenced a power ascension to 100% power at 2110 hours on August 28, 2011. The unit reached 100% power on August 30, 2011 at 1150 hours.

DOCKET: 423 PREPARER NAME: K. Cook

UNIT\_NME: Millstone Unit 3 PREPARER TELEPHONE: 860-447-1791 X6572

RPT\_PERIOD: 201109

Design Electrical Rating: 1229
 Maximum Dependable Capacity (MWe-Net) 1218

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	173,823.82
4. Number of Hours Generator On-line	720.00	6,551.00	171,800.34
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 877,904.20 8,029,237.00 193,108,933.80

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Millstone Unit 3 operated at or near 100% power throughout the month of September, 2011.

DOCKET: 263 PREPARER NAME: Jody I Helland

UNIT\_NME: Monticello Unit 1 PREPARER TELEPHONE: 763-295-1333

RPT\_PERIOD: 201107

Design Electrical Rating: 600
 Maximum Dependable Capacity (MWe-Net) 578.1

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 3,147.26
 297,307.95

 4. Number of Hours Generator On-line
 744.00
 3,033.15
 293,350.94

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 415,665.00 1,675,328.00 154,925,811.30

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY None

DOCKET: 263 PREPARER NAME: Kevin Austin

UNIT\_NME: Monticello Unit 1 PREPARER TELEPHONE: 763-271-5875

RPT\_PERIOD: 201108

Design Electrical Rating: 600
 Maximum Dependable Capacity (MWe-Net) 578.1

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,891.26	298,051.95
4. Number of Hours Generator On-line	744.00	3,777.15	294,094.94
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 387,105.00 2,062,433.00 155,312,916.30

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	<b>Duration</b>		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY There were two downpowers to ~49% for a condensate pump repair. The first downpower was from the 6th to the 8th, the second was from the 27th to the 31st.

DOCKET: 263 PREPARER NAME: Kevin Austin

UNIT\_NME: Monticello Unit 1 PREPARER TELEPHONE: 763-271-5875

RPT\_PERIOD: 201109

Design Electrical Rating: 600
 Maximum Dependable Capacity (MWe-Net) 578.1

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	4,611.26	298,771.95
4. Number of Hours Generator On-line	720.00	4,497.15	294,814.94
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 414,046.00 2,476,479.00 155,726,962.30

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY There was an unplanned downpower on the 17th when CRD 30-47 was declared inoperable. After repair was worked, there was a second unplanned downpower from the 20th-21st to perform post-maintenance testing and restor CRD 30-47 to operable status.

DOCKET: 220 PREPARER NAME: A. Deyo

UNIT\_NME: Nine Mile Point Unit 1 PREPARER TELEPHONE: 3153491919

RPT\_PERIOD: 201107

Design Electrical Rating: 613
 Maximum Dependable Capacity (MWe-Net) 565

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,032.64
 275,341.87

 4. Number of Hours Generator On-line
 744.00
 3,999.27
 270,393.08

 5. Reserve Shutdown Hours
 0.00
 0.00
 20.40

6. Net Electrical energy Generated (MWHrs) 444,834.79 2,335,784.42 153,909,933.85

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit operated with 100% availability during the month.

DOCKET: 220 PREPARER NAME: A. Deyo

UNIT\_NME: Nine Mile Point Unit 1 PREPARER TELEPHONE: 3153491919

RPT\_PERIOD: 201108

Design Electrical Rating: 613
 Maximum Dependable Capacity (MWe-Net) 565

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,776.64
 276,085.87

 4. Number of Hours Generator On-line
 744.00
 4,743.27
 271,137.08

 5. Reserve Shutdown Hours
 0.00
 0.00
 20.40

6. Net Electrical energy Generated (MWHrs) 448,313.82 2,784,098.24 154,358,247.67

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit operated with 100% availability for the month.

DOCKET: 220 PREPARER NAME: A. Deyo

UNIT\_NME: Nine Mile Point Unit 1 PREPARER TELEPHONE: 3153491919

RPT\_PERIOD: 201109

Design Electrical Rating: 613
 Maximum Dependable Capacity (MWe-Net) 565

**This Month** Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 720.00 5,496.64 276,805.87 4. Number of Hours Generator On-line 720.00 271,857.08 5,463.27 5. Reserve Shutdown Hours 0.00 0.00 20.40 6. Net Electrical energy Generated (MWHrs) 440,242.98 154,798,490.65 3,224,341.22

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit operated with 100% availability for the month.

DOCKET: 410 PREPARER NAME: A. Deyo

UNIT\_NME: Nine Mile Point Unit 2 PREPARER TELEPHONE: 3153491919

RPT\_PERIOD: 201107

Design Electrical Rating: 1143.3
 Maximum Dependable Capacity (MWe-Net) 1119.8

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 174,285.52

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 171,089.58

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 833,488.26 5,801,853.98 184,803,321.30

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit operated with 100% availability for the month.

DOCKET: 410 PREPARER NAME: A. Deyo

UNIT\_NME: Nine Mile Point Unit 2 PREPARER TELEPHONE: 3153491919

RPT\_PERIOD: 201108

Design Electrical Rating: 1143.3
 Maximum Dependable Capacity (MWe-Net) 1119.8

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 619.03
 5,706.03
 174,904.55

 4. Number of Hours Generator On-line
 592.90
 5,679.90
 171,682.48

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 646,599.85 6,448,453.83 185,449,921.15

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2F110 1	8/6/2011	F	151.10	A	1	Shutdown due to an increase in unidentified drywell floor drain leakage. Found that Reactor Recirc Pump "A" discharge blocking valve, 2RCS*MOV18A had a significant packing leak. During startup from the forced outage on 8/11/11 operations inserted a manual SCRAM due to an inisolable leak on the Feedwater Pump "A" min flow line. This resulted in a shutdown from 17.45% power during startup.

SUMMARY Reactor manually shut down on 8/6/11 due to high drywell floor drain leakage. Investigation found that 2RCS\*MOV18A had a significant packing leak. The leak was repaired, and during power ascension a feedwater minimum flow line vent line broke, forcing a manual SCRAM. The plant successfully completed power ascension on 8/13/11.

DOCKET: 410 PREPARER NAME: A. Deyo

UNIT\_NME: Nine Mile Point Unit 2 PREPARER TELEPHONE: 3153491919

RPT\_PERIOD: 201109

Design Electrical Rating: 1143.3
 Maximum Dependable Capacity (MWe-Net) 1119.8

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,426.03	175,624.55
4. Number of Hours Generator On-line	720.00	6,399.90	172,402.48
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 810,295.90 7,258,749.73 186,260,217.05

## **UNIT SHUTDOWNS**

	Туре			Method of			
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>	
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Leak developed on a suction strainer flange for the "C" heater drain pump, and the pump was removed from service on 9/20/11. The leakage location was repaired and the heater drain pump was placed back into service on 9/26/11.

W.C.Beasley

DOCKET: 338 PREPARER NAME:

UNIT\_NME: North Anna Unit 1 PREPARER TELEPHONE: 540-894-2520

RPT\_PERIOD: 201107

Design Electrical Rating: 913
 Maximum Dependable Capacity (MWe-Net) 903

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	244,529.43
4. Number of Hours Generator On-line	744.00	5,087.00	240,865.56
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 681,384.60 4,720,868.82 210,162,032.89

## **UNIT SHUTDOWNS**

		Type		Method of			
		F: Forced	<b>Duration</b>		Shutting	<b>Cause - Corrective Action</b>	
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Began the Month @ 99.5% Power, 970 MWe. On 07-28-11, @1612 removed main turbine from the limiter and commence ramp up @ 0.3% per minute. On 7-28-11 @ 1748 unit ramp is complete, unit @ 99.90% Power. Ended the Month @ 100% Power, 968 MWe.

DOCKET: 338 PREPARER NAME:

W.C.Beasley UNIT\_NME: North Anna Unit 1 PREPARER TELEPHONE: 540-894-2520

RPT\_PERIOD: 201108

1. Design Electrical Rating: 913 2. Maximum Dependable Capacity (MWe-Net) 903

**This Month** Yr-to-Date Cumulative 541.85 5,628.85 245,071.28 3. Number of Hours the Reactor was Critical 4. Number of Hours Generator On-line 541.85 5,628.85 241,407.41 5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 498,737.14 5,219,605.96 210,660,770.03

#### **UNIT SHUTDOWNS**

		Type			Method of	
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
N1- 2011- 001	8/23/2011	F	202.15	A	3	Automatic Reactor Trip due to seismic event and loss of all offsite A.C. power

Began the Month @ 100% Power, 968 MWe. On 8-23-11 @ 1351, Automatic Reactor Trip due to seismic event and loss of all offsite A.C. SUMMARY Power. On 8-23-11 @ 1535, Virginia Tech. Seismological Observatory reports a 5.8 magnitude earthquake has occurred near Mineral, Virginia. Ended the Month in Mode 5.

DOCKET: 338 PREPARER NAME: W.C. Beasley

UNIT\_NME: North Anna Unit 1 PREPARER TELEPHONE: 540-894-2520

RPT\_PERIOD: 201109

Design Electrical Rating: 913
 Maximum Dependable Capacity (MWe-Net) 903

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	5,628.85	245,071.28
4. Number of Hours Generator On-line	0.00	5,628.85	241,407.41
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	5,219,605.96	210,660,770.03

# **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
N1- 2011- 001	8/23/2011	F	720.00	A	4	Automatic Reactor Trip due to seismic event and loss of all offsite A.C. power

SUMMARY Began the Month in Mode 5 ( due to seismic event ). Ended the Month in Mode 5.

DOCKET: 339 PREPARER NAME: W.C.Beasley

UNIT\_NME: North Anna Unit 2 PREPARER TELEPHONE: 540-894-2520

RPT\_PERIOD: 201107

Design Electrical Rating: 913
 Maximum Dependable Capacity (MWe-Net) 903

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 232,162.90

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 230,442.14

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 698,813.51 4,886,125.53 202,822,573.79

#### **UNIT SHUTDOWNS**

	Type			Method of			
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Began the Month @ 100% Power, 996 MWe. Ended the Month @ 100% Power, 985 MWe.

DOCKET: 339 PREPARER NAME: W.C.Beasley

UNIT\_NME: North Anna Unit 2 PREPARER TELEPHONE: 540-894-2520

RPT\_PERIOD: 201108

Design Electrical Rating: 913
 Maximum Dependable Capacity (MWe-Net) 903

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 541.85
 5,628.85
 232,704.75

 4. Number of Hours Generator On-line
 541.85
 5,628.85
 230,983.99

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 509,670.98 5,395,796.51 203,332,244.77

#### **UNIT SHUTDOWNS**

	Туре				Method of			
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments		
N2- 2011- 001	8/23/2011	F	202.15	A	3	Automatic Reactor Trip due to seismic event and loss of all offsite A.C. power. On 9-11-11 @ 0000, began the scheduled refueling outage.		

SUMMARY Began the Month @ 100% Power, 985 MWe. On 8-23-11 @ 1351, Automatic Reactor Trip due to seismic event and loss of all offsite A.C. Power. On 8-23-11 @ 1535, Virginia Tech Seismological Observatory reports a 5.8 magnitude earthquake has occurred near Mineral, Virginia. Ended the Month in Mode 5

DOCKET: 339 PREPARER NAME: W.C.Beasley

UNIT\_NME: North Anna Unit 2 PREPARER TELEPHONE: 540-894-2520

RPT\_PERIOD: 201109

Design Electrical Rating: 913
 Maximum Dependable Capacity (MWe-Net) 903

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	5,628.85	232,704.75
4. Number of Hours Generator On-line	0.00	5,628.85	230,983.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	5,395,796.51	203,332,244.77

## **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
N2- 2011- 001	8/23/2011	F	720.00	А	4	Automatic Reactor Trip due to seismic event and loss of all offsite A.C. power. On 9-11-11 @ 0000, began the scheduled refueling outage.

SUMMARY Began the Month in Mode 5 (due to seismic event). On 9-11-11 @ 0000, began the scheduled refueling outage. On 9-14-11 @ 0136, entered Mode 6. On 9-18-11 @ 1031, Unit is defueled. Ended the month defueled.

DOCKET: 269 PREPARER NAME: Judy Smith

UNIT\_NME: Oconee Unit 1 PREPARER TELEPHONE: 864-873-4309 RPT\_PERIOD: 201107

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,274.17	269,110.47
4. Number of Hours Generator On-line	744.00	3,245.34	265,124.73
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 634,918.00 2,766,196.00 218,013,728.00

# **UNIT SHUTDOWNS**

	Type			Method of			
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY

DOCKET: 269 PREPARER NAME: Judy Smith

UNIT\_NME: Oconee Unit 1 PREPARER TELEPHONE: 864-873-4309 RPT\_PERIOD: 201108

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,018.17	269,854.47
4. Number of Hours Generator On-line	744.00	3,989.34	265,868.73
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 627,811.00 3,394,007.00 218,641,539.00

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY

DOCKET: 269 PREPARER NAME: Judy Smith

UNIT\_NME: Oconee Unit 1 PREPARER TELEPHONE: 864-873-4309 RPT\_PERIOD: 201109

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 4,738.17
 270,574.47

 4. Number of Hours Generator On-line
 720.00
 4,709.34
 266,588.73

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 609,357.00 4,003,364.00 219,250,896.00

## **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 270 PREPARER NAME: Judy Smith

UNIT\_NME: Oconee Unit 2 PREPARER TELEPHONE: 864-873-4309 RPT\_PERIOD: 201107

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	270,383.98
4. Number of Hours Generator On-line	744.00	5,087.00	267,310.27
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 636,125.00 4,324,734.00 219,861,970.00

## **UNIT SHUTDOWNS**

	Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

DOCKET: 270 PREPARER NAME: JudySmith

UNIT\_NME: Oconee Unit 2 PREPARER TELEPHONE: 864-873-4309 RPT\_PERIOD: 201108

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	271,127.98
4. Number of Hours Generator On-line	744.00	5,831.00	268,054.27
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 628,282.00 4,953,016.00 220,490,252.00

## **UNIT SHUTDOWNS**

	Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

DOCKET: 270 PREPARER NAME:

Judy Smith Oconee Unit 2 UNIT\_NME: PREPARER TELEPHONE: 864-873-4309

RPT\_PERIOD: 201109

1. Design Electrical Rating: 886 2. Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	271,847.98
4. Number of Hours Generator On-line	720.00	6,551.00	268,774.27
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 607,920.00 221,098,172.00 5,560,936.00

## **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 287 PREPARER NAME: Judy Smith

UNIT\_NME: Oconee Unit 3 PREPARER TELEPHONE: 864-873-4309 RPT\_PERIOD: 201107

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 263,169.55

 4. Number of Hours Generator On-line
 744.00
 5,057.53
 259,982.66

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 644,508.00 4,422,729.00 217,127,861.00

## **UNIT SHUTDOWNS**

	Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

DOCKET: 287 PREPARER NAME: Judy Smith

UNIT\_NME: Oconee Unit 3 PREPARER TELEPHONE: 864-873-4309 RPT\_PERIOD: 201108

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	263,913.55
4. Number of Hours Generator On-line	744.00	5,801.53	260,726.66
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 636,577.00 5,059,306.00 217,764,438.00

## **UNIT SHUTDOWNS**

	Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

DOCKET: 287 PREPARER NAME: Judy Smith

UNIT\_NME: Oconee Unit 3 PREPARER TELEPHONE: 864-873-4309 RPT\_PERIOD: 201109

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	264,633.55
4. Number of Hours Generator On-line	720.00	6,521.53	261,446.66
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 616,240.00 5,675,546.00 218,380,678.00

## **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 219 PREPARER NAME: L. Velez

Oyster Creek Unit 1 UNIT\_NME: PREPARER TELEPHONE: 6099714410

RPT\_PERIOD: 201107

1. Design Electrical Rating: 650 2. Maximum Dependable Capacity (MWe-Net) 619

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,950.17	280,826.27
4. Number of Hours Generator On-line	744.00	4,925.22	275,925.34
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWHrs)	446,626.00	3,055,234.00	159,641,708.40

## **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unplanned energy losses for the month of July were due to the 1C3 FW Heater Outlet temperatures being lower than expected (IR 1189167). It is important to note that during the month of July the unit suffered grid disturbances that caused derates due to the loss of power to the Dilution plant. These events did not count as planned or unplanned energy losses as these were due to a failure of grid equipment which is not under managment control (2505MWh). In addition the losses due to environmental limits (1,750.9 MWh) were not reported as planned or forced.

DOCKET: 219 PREPARER NAME: L. Velez

UNIT\_NME: Oyster Creek Unit 1 PREPARER TELEPHONE: 6099714110

RPT\_PERIOD: 201108

Design Electrical Rating: 650
 Maximum Dependable Capacity (MWe-Net) 619

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 704.27
 5,654.44
 281,530.54

 4. Number of Hours Generator On-line
 687.58
 5,612.80
 276,612.92

 5. Reserve Shutdown Hours
 0.00
 0.00
 918.20

6. Net Electrical energy Generated (MWHrs) 403,411.00 3,458,645.00 160,045,119.40

#### **UNIT SHUTDOWNS**

Туре					Method of			
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments		
1F28	8/27/2011	S	56.42	Н	1	Shutdown due to Hurricane Irene		

SUMMARY Oyster Creek unplanned energy losses for the month of August was 98.2 MWh due to losses of 1C3 FW Heater Outlet Temperatures.

The shutdown on 8/27/2011 to 8/30/2011, due to the passage of Hurrincane Irene is not being counted as FLR, since this event is not under management control.

DOCKET: 219 PREPARER NAME: L. Velez

Oyster Creek Unit 1 UNIT\_NME: PREPARER TELEPHONE: 609-971-4410

RPT\_PERIOD: 201109

1. Design Electrical Rating: 650 2. Maximum Dependable Capacity (MWe-Net) 619

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,374.44	282,250.54
4. Number of Hours Generator On-line	720.00	6,332.80	277,332.92
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWHrs)	439,618.00	3,898,263.00	160,484,737.40

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Oyster Creek Unplanned Energy Losses for the month of September are the following:

1) 6324.4 MWh, unplanned losses due to a salt water leak of the B South Main Condenser. IR 1266267.
2) 173.5 MWh, unplanned losses due to 1C3 FW Heater Outlet Temperatures lower than expected due to improper venting, IR 1189167

DOCKET: 255 PREPARER NAME: KMMadden

UNIT\_NME: Palisades Unit 1 PREPARER TELEPHONE: 269.764.2194

RPT\_PERIOD: 201107

Design Electrical Rating: 805
 Maximum Dependable Capacity (MWe-Net) 744

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,039.25	237,733.01
4. Number of Hours Generator On-line	744.00	5,027.00	231,672.63
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 587,675.00 3,970,891.39 165,128,691.55

## **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Palisades operated at full power for the month of July.

DOCKET: 255 PREPARER NAME: TH Woody

UNIT\_NME: Palisades Unit 1 PREPARER TELEPHONE: 269-764-2707

RPT\_PERIOD: 201108

Design Electrical Rating: 805
 Maximum Dependable Capacity (MWe-Net) 744

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,783.25	238,477.01
4. Number of Hours Generator On-line	744.00	5,771.00	232,416.63
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 587,482.00 4,558,373.39 165,716,173.55

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Palisades operated near 100% power for the entire month of August.

DOCKET: 255 PREPARER NAME: KMMadden

UNIT\_NME: Palisades Unit 1 PREPARER TELEPHONE: 269.764.2194

382,827.00

RPT\_PERIOD: 201109

Design Electrical Rating: 805
 Maximum Dependable Capacity (MWe-Net) 744

6. Net Electrical energy Generated (MWHrs)

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	510.87	6,294.12	238,987.88
4. Number of Hours Generator On-line	496.92	6,267.92	232,913.55
5. Reserve Shutdown Hours	0.00	0.00	0.00

#### **UNIT SHUTDOWNS**

4,941,200.39

166,099,000.55

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2	9/16/2011	F	94.18	A	2	Palisades began derating on 09/16/2011, 13:06, from approximately 99.8% power. The reactor was manually tripped on September 16, 2011, 14:54, due to exceeding trip criteria of >10gpm unidentified leakage per ONP-23.1. The leakage was determined to be from the result of a CV-1057 packing leak. The plant returned to full power on 09/21/2011.
3	9/25/2011	F	128.90	В	3	Reactor tripped on 09/25/2011, 15:06 due to a loss of two of the four preferred AC buses. During maintenance on DC bus D-11-2, a short circuit occurred causing the breaker that supplies the power to the bus to trip.

SUMMARY On 09/16/2011, 13:06, Palisades began an unplanned plant shutdown from approximately 99.8% power due to unidentified PCS leakage greater than 1.0 gpm per ONP-23.1, "Primary Coolant Leak." At 14:54 the reactor was manually tripped due to the leak rate exceeding the trip criteria of >10 gpm. The leakage was subsequently determined to be the result of a packing leak from Pressurizer Spray valve CV-1057. The plant returned to full power on 09/21/2011.

Reactor tripped on 09/25/2011, 15:06 due to a loss of two of the four preferred AC buses. During maintenance on DC bus D-11-2, a short circuit occurred causing the breaker that supplies the power to the bus to trip.

DOCKET: 528 PREPARER NAME: Tom Mock

UNIT\_NME: Palo Verde Unit 1 PREPARER TELEPHONE: 623-393-2656

RPT\_PERIOD: 201107

Design Electrical Rating: 1333
 Maximum Dependable Capacity (MWe-Net) 1311

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,088.00	177,961.31
4. Number of Hours Generator On-line	744.00	5,088.00	176,015.80
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 976,850.76 6,721,717.53 213,985,749.19

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 528 PREPARER NAME: Tom Mock

UNIT\_NME: Palo Verde Unit 1 PREPARER TELEPHONE: 623-393-2656

RPT\_PERIOD: 201108

Design Electrical Rating: 1333
 Maximum Dependable Capacity (MWe-Net) 1311

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	644.33	5,732.33	178,605.64
4. Number of Hours Generator On-line	616.50	5,704.50	176,632.30
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 758,598.51 7,480,316.04 214,744,347.70

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
11-01	8/6/2011	F	127.50	Α	3	Automatic RX trip due to CEA 37 drop during control rod operability checks.

SUMMARY The unit began the month in Mode 1 with the reactor at full power. On August 6th at 1119 the unit had an automatic reactor trip due to CEA-37 drop during control rod operability checks, On August 10th the unit entered Mode 2, went critical at 1459, and entered Mode 1 later that day. The unit was synchronized to grid on August 11th at 1849 and reached 100% on August 14th. The unit ended the month in Mode 1 with the reactor at full power.

DOCKET: 528 PREPARER NAME: Tom Mock

UNIT\_NME: Palo Verde Unit 1 PREPARER TELEPHONE: 623-393-2656

RPT\_PERIOD: 201109

Design Electrical Rating: 1333
 Maximum Dependable Capacity (MWe-Net) 1311

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,452.33	179,325.64
4. Number of Hours Generator On-line	720.00	6,424.50	177,352.30
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 907,579.32 8,387,895.36 215,651,927.02

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit began the month in Mode 1 with the reactor at full power. On September 28th at 2230, the unit commenced a downpower to 40% to troubleshoot and rework a condenser tube leak (PVAR 3887084). The unit reached 40% on September 29th at 1030. The unit ended the month with the reactor at 40% power.

DOCKET: 529 PREPARER NAME: Tom Mock

UNIT\_NME: Palo Verde Unit 2 PREPARER TELEPHONE: 623-393-2656

RPT\_PERIOD: 201107

Design Electrical Rating: 1336
 Maximum Dependable Capacity (MWe-Net) 1314

s Month Y	r-to-Date	Cumulative
1.00 4	,288.52	179,454.40
1.00 4	,249.58	177,578.10
0 0	0.00	0.00
ļ	.00 4	.00 4,288.52 .00 4,249.58

6. Net Electrical energy Generated (MWHrs) 980,420.90 5,543,033.51 221,572,802.66

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 529 PREPARER NAME: Tom Mock

UNIT\_NME: Palo Verde Unit 2 PREPARER TELEPHONE: 623-393-2656

RPT\_PERIOD: 201108

Design Electrical Rating: 1336
 Maximum Dependable Capacity (MWe-Net) 1314

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,032.52	180,198.40
4. Number of Hours Generator On-line	744.00	4,993.58	178,322.10
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 979,004.83 6,522,038.34 222,551,807.49

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 529 PREPARER NAME: Tom Mock

UNIT\_NME: Palo Verde Unit 2 PREPARER TELEPHONE: 623-393-2656

RPT\_PERIOD: 201109

Design Electrical Rating: 1336
 Maximum Dependable Capacity (MWe-Net) 1314

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,752.52	180,918.40
4. Number of Hours Generator On-line	720.00	5,713.58	179,042.10
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 952,271.83 7,474,310.17 223,504,079.32

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

Tom Mock

DOCKET: 530 PREPARER NAME:

UNIT\_NME: Palo Verde Unit 3 PREPARER TELEPHONE: 623-393-2656

RPT\_PERIOD: 201107

Design Electrical Rating: 1334
 Maximum Dependable Capacity (MWe-Net) 1312

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,055.65	174,608.16
4. Number of Hours Generator On-line	744.00	5,030.95	172,987.72
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 977,133.94 6,566,957.52 213,810,433.48

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 530 PREPARER NAME: Tom Mock

UNIT\_NME: Palo Verde Unit 3 PREPARER TELEPHONE: 623-393-2656

RPT\_PERIOD: 201108

Design Electrical Rating: 1334
 Maximum Dependable Capacity (MWe-Net) 1312

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,799.65
 175,352.16

 4. Number of Hours Generator On-line
 699.88
 5,730.83
 173,687.60

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 887,908.44 7,454,865.96 214,698,341.92

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
11-03	8/21/2011	F	44.12	Α	5	Main turbine trip due to false high vibration indication on #9 bearing.

SUMMARY The unit began the month in Mode 1 with the reactor at full power. On August 21st at 0342 the main turbine tripped due to false high vibration indication on #9 bearing. RX remained critical. The unit was sychronized to the grid on August 22nd at 2349 and reached 100% RX power on August 24th. The unit ended the month in Mode 1 with the reactor at full power.

DOCKET: 530 PREPARER NAME: Tom Mock

UNIT\_NME: Palo Verde Unit 3 PREPARER TELEPHONE: 623-393-2656

RPT\_PERIOD: 201109

Design Electrical Rating: 1334
 Maximum Dependable Capacity (MWe-Net) 1312

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,519.65
 176,072.16

 4. Number of Hours Generator On-line
 720.00
 6,450.83
 174,407.60

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 947,885.27 8,402,751.23 215,646,227.19

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 277 PREPARER NAME: Dana Supplee

UNIT\_NME: Peach Bottom Unit 2 PREPARER TELEPHONE: (717) 456-4014

RPT\_PERIOD: 201107

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1112

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	253,481.50
4. Number of Hours Generator On-line	744.00	5,087.00	248,777.92
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 832,801.40 5,794,446.80 254,214,104.00

#### **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY Unit 2 began the month of July at 100% of maximum allowable power (3514 MWth).

On July 23, 2011 at 23:04, Unit 2 commenced a planned load reduction to 91.9% CTP for Main Turbine Valve testing. Min power was reached on July 23rd at 23:41. The unit was returned to 100% power on July 24, 2011 at 02:51.

Unit 2 ended the month of July at 100% of maximum allowable power (3514 MWth).

DOCKET: 277 PREPARER NAME: Dana Supplee

UNIT\_NME: Peach Bottom Unit 2 PREPARER TELEPHONE: (717) 456-4014

RPT\_PERIOD: 201108

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1112

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	254,225.50
4. Number of Hours Generator On-line	744.00	5,831.00	249,521.92
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	827,929.70	6,622,376.50	255,042,033.70

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 began the month of August at 100% of maximum allowable power (3514 MWth).

On August 21, 2011 at 23:00, Unit 2 commenced a planned load reduction to 88.1% CTP for insertion of HCU Maintenance Rods. Min power was reached on August 21st at 23:29. The unit was returned to 100% power on August 22, 2011 at 01:56.

On August 26, 2011 at 23:00, Unit 2 commenced a planned load reduction to 53.0% CTP for a Rod Sequence Exchange. Min power was reached on August 27th at 01:48. The unit was returned to 100% power on August 27, 2011 at 19:00.

On August 28, 2011 at 23:00, Unit 2 commenced a planned load reduction to 89.8% CTP for a follow up Rod Pattern Adjustment. Min power was reached on August 28th at 23:19. The unit was returned to 100% power on August 29, 2011 at 00:54.

Unit 2 ended the month of August at 100% of maximum allowable power (3514 MWth).

DOCKET: 277 PREPARER NAME: Dana Supplee

UNIT\_NME: Peach Bottom Unit 2 PREPARER TELEPHONE: (717) 456-4014

RPT\_PERIOD: 201109

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1112

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	254,945.50
4. Number of Hours Generator On-line	720.00	6,551.00	250,241.92
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 817,692.00 7,440,068.50 255,859,725.70

#### **UNIT SHUTDOWNS**

		Туре			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 began the month of September at 100% of maximum allowable power (3514 MWth).

On September 24, 2011 at 23:00, Unit 2 commenced a planned load reduction to 92.4% CTP for Main Turbine valve testing. Min power was reached on September 24th at 23:33. The unit was returned to 100% power on September 25, 2011 at 02:23.

Unit 2 ended the month of September at 100% of maximum allowable power (3514 MWth).

DOCKET: 278 PREPARER NAME: Dana Supplee

UNIT\_NME: Peach Bottom Unit 3 PREPARER TELEPHONE: (717) 456-4014

RPT\_PERIOD: 201107

Design Electrical Rating: 1138
 Maximum Dependable Capacity (MWe-Net) 1112

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	252,718.85
4. Number of Hours Generator On-line	744.00	5,087.00	248,525.35
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 814,303.40 5,722,038.80 252,837,462.00

#### **UNIT SHUTDOWNS**

		Туре			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 3 began the month of July at 99.97% of maximum allowable power (3514 MWth).

At 02:01 on July 17th, maximum Recirc pump speed was achieved. Unit 3 coasted to 99.3% power until July 17th at 10:01 when a load drop from removal of the 5th stage Feedwater heaters commenced. Unit 3 is in end of cycle coastdown.

At 10:01 on July 17th, Unit 3 commenced a planned load reduction from 99.3% to 89.7% CTP for removal of the 5th Stage Feedwater heaters. Min power level was reached on July 17th at 11:01. The unit returned to 100% power on July 17th at 14:01.

Unit 3 ended the month of July at 99.5 % of maximum allowable power (3514 MWth) in end of cycle coastdown.

DOCKET: 278 PREPARER NAME: Dana Supplee

UNIT\_NME: Peach Bottom Unit 3 PREPARER TELEPHONE: (717) 456-4014

RPT\_PERIOD: 201108

Design Electrical Rating: 1138
 Maximum Dependable Capacity (MWe-Net) 1112

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	253,462.85
4. Number of Hours Generator On-line	744.00	5,831.00	249,269.35
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 756,107.70 6,478,146.50 253,593,569.70

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 3 began the month of August at 99.5% of maximum allowable power (3514 MWth).

Unit 3 is in end of cycle coastdown. The unit coasted to 97.9% power until August 5, 2011 at 23:01 when a load drop for removal of the 4th stage feedwater heaters commenced.

At 23:01 on August 5th, Unit 3 commenced a planned load reduction from 97.9% to 75.8% CTP for removal of the 4th Stage Feedwater heaters. Min power level was reached on August 6th at 01:17. The unit returned to 100% power on August 6th at 05:09. At 11:59 on August 8th the A4 feedwater heater was placed back in service due to isolation issues.

Unit 3 ended the month of August at 90.0 % of maximum allowable power (3514 MWth).

DOCKET: 278 PREPARER NAME: Dana Supplee

UNIT\_NME: Peach Bottom Unit 3 PREPARER TELEPHONE: (717) 456-4014

RPT\_PERIOD: 201109

Design Electrical Rating: 1138
 Maximum Dependable Capacity (MWe-Net) 1112

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	264.45	6,095.45	253,727.30
4. Number of Hours Generator On-line	262.65	6,093.65	249,532.00
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 238,343.00 6,716,489.50 253,831,912.70

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
P3R18	9/11/2011	S	457.35	С	1	At 14:00 on September 11th, Unit 3 began a power reduction from 80.4% CTP to enter the refuel outage. At 22:39 on September 11th, the Unit 3 generator was tripped. At 00:27 on September 12th, the Unit 3 reactor was manually scrammed.

SUMMARY Unit 3 began the month of September at 90% of maximum allowable power (3514 MWth). The unit was in end of cycle coastdown.

On September 9, 2011 Unit 3 commenced a planned load reduction from 86.6% to 71.4% CTP for installation of monitoring equipment for troubleshooting. Min power level was reached on September 10th at 02:16. The unit returned to 86.6% power on September 10th at 07:00.

At 14:00 on September 11th, Unit 3 began a power reduction from 80.4% CTP to enter the refuel outage. At 22:39 on September 11th, the Unit 3 generator was tripped. At 00:27 on September 12th, the Unit 3 reactor was manually scrammed.

Unit 3 ended the month of September at 0 % of maximum allowable power (3514 MWth).

DOCKET: 440 PREPARER NAME: T. Phelps

UNIT\_NME: Perry Unit 1 PREPARER TELEPHONE: 440-280-7660 RPT\_PERIOD: 201107

Design Electrical Rating: 1268
 Maximum Dependable Capacity (MWe-Net) 1240

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 3,925.42
 170,263.65

 4. Number of Hours Generator On-line
 744.00
 3,849.28
 166,789.69

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 918,578.00 4,547,373.70 195,025,795.50

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Perry Nuclear Power Plant Unit 1, was on line the entire month of July, 2011. The unit performed normal planned turbine valve testing. There were six occasions when the unit reduced power due to IOI-15, Seasonal Variations limitations.

DOCKET: 440 PREPARER NAME: T. Phelps
UNIT\_NME: Perry Unit 1 PREPARER TELEPHONE: 440-280-7660

RPT\_PERIOD: 201108

Design Electrical Rating: 1268
 Maximum Dependable Capacity (MWe-Net) 1240

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,669.42
 171,007.65

 4. Number of Hours Generator On-line
 744.00
 4,593.28
 167,533.69

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 927,009.10 5,474,382.80 195,952,804.60

#### **UNIT SHUTDOWNS**

	Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY The Perry Nuclear Power Plant was on line the entire month of August, 2011

DOCKET: 440 PREPARER NAME: T. Phelps

UNIT\_NME: Perry Unit 1 PREPARER TELEPHONE: 440-280-7660 RPT\_PERIOD: 201109

Design Electrical Rating: 1268
 Maximum Dependable Capacity (MWe-Net) 1240

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,389.42	171,727.65
4. Number of Hours Generator On-line	720.00	5,313.28	168,253.69
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 875,210.80 6,349,593.60 196,828,015.40

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Perry Nuclear Power Plant was on line the entire month of September, 2011. The plant performed normal scheduled surveillance testing. There were also two occassions when the unit reduced power due to IOI -15 Seasonal Variations limitations. Forced losses were incurred to isolate a high pressure feedwater heater. Power was limited to 98% during that time the heater remained isolated which resulted in additional forced losses.

DOCKET: 293 PREPARER NAME: Brent Lyons

UNIT\_NME: Pilgrim Unit 1 PREPARER TELEPHONE: 508-830-8270 PRT\_PERIOD: 201107

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 684.7

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,364.25	253,549.94
4. Number of Hours Generator On-line	744.00	4,298.84	251,024.15
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 497,510.00 2,804,958.00 154,002,704.53

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	<b>Duration</b>		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit began the reporting period operating at 100% (2028 MWt) reactor power. A planned power reduction began on 07/21/11 at 09:30 for a Main Condenser Thermal Backwash. The lowest reactor power during the reduction was to about 50% and 100% (2028MWt) was achieved on 07/21/11 at 23:30 hours. The reactor operated at 100% (2028MWt) for the remainder of the reporting period.

DOCKET: 293 PREPARER NAME: Brent Lyons

UNIT\_NME: Pilgrim Unit 1 PREPARER TELEPHONE: 508-830-8270 RPT\_PERIOD: 201108

Design Electrical Rating: 690
 Maximum Dependable Capacity (MWe-Net) 684.7

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,108.25	254,293.94
4. Number of Hours Generator On-line	744.00	5,042.84	251,768.15
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 500,808.00 3,305,766.00 154,503,512.53

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The period began and ended with the unit on line, operating at 100% reactor power (2028 MWt). There were no power reductions during this reporting period.

DOCKET: 293 PREPARER NAME: Brent Lyons

UNIT\_NME: Pilgrim Unit 1 PREPARER TELEPHONE: 508-830-8270 RPT\_PERIOD: 201109

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 684.7

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 5,828.25
 255,013.94

 4. Number of Hours Generator On-line
 720.00
 5,762.84
 252,488.15

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 480,964.00 3,786,730.00 154,984,476.53

#### **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit began the reporting period operating at 100% (2028 MWt) reactor power. A planned power reduction began on 09/20/11 at 10:30 hours for a Main Condenser Thermal Backwash. The lowest reactor power during the reduction was to about 48.5% and 100% (2028MWt) was achieved on 09/21/11 at 07:00 hours. The reactor operated at 100% (2028MWt) for the remainder of the reporting period.

DOCKET: 266 PREPARER NAME: Brenda M. Scherwinski

UNIT\_NME: Point Beach Unit 1 PREPARER TELEPHONE: 920/755-7752

RPT\_PERIOD: 201107

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 516

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 300,264.99

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 296,444.04

 5. Reserve Shutdown Hours
 0.00
 0.00
 846.90

6. Net Electrical energy Generated (MWHrs) 380,207.00 2,610,914.00 139,925,833.00

#### **UNIT SHUTDOWNS**

		Type		Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 266 PREPARER NAME: Brenda M. Scherwinski

UNIT\_NME: Point Beach Unit 1 PREPARER TELEPHONE: 920/755-7752

RPT\_PERIOD: 201108

1. Design Electrical Rating: 522 2. Maximum Dependable Capacity (MWe-Net) 516

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	744.00	5,831.00	301,008.99	
4. Number of Hours Generator On-line	744.00	5,831.00	297,188.04	
5. Reserve Shutdown Hours	0.00	0.00	846.90	
6. Net Electrical energy Generated (MWHrs)	374,903.50	2,985,817.50	140,300,736.50	

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 266 PREPARER NAME: Brenda M. Scherwinski

UNIT\_NME: Point Beach Unit 1 PREPARER TELEPHONE: 920/755-7752

RPT\_PERIOD: 201109

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 516

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	301,728.99
4. Number of Hours Generator On-line	720.00	6,551.00	297,908.04
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	366,242.50	3,352,060.00	140,666,979.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 301 PREPARER NAME: Brenda M. Scherwinski

UNIT\_NME: Point Beach Unit 2 PREPARER TELEPHONE: 920/755-7752

RPT\_PERIOD: 201107

Design Electrical Rating: 615
 Maximum Dependable Capacity (MWe-Net) 582

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	2,545.48	291,697.52
4. Number of Hours Generator On-line	744.00	2,425.22	288,213.94
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	444,980.00	1,253,966.60	138,249,406.10

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 301 PREPARER NAME: Brenda M. Scherwinski

UNIT\_NME: Point Beach Unit 2 PREPARER TELEPHONE: 920/755-7752

RPT\_PERIOD: 201108

Design Electrical Rating: 615
 Maximum Dependable Capacity (MWe-Net) 582

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,289.48	292,441.52
4. Number of Hours Generator On-line	744.00	3,169.22	288,957.94
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	439,094.50	1,693,061.10	138,688,500.60

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 301 PREPARER NAME: Brenda M. Scherwinski

UNIT\_NME: Point Beach Unit 2 PREPARER TELEPHONE: 920/755-7752

RPT\_PERIOD: 201109

Design Electrical Rating: 615
 Maximum Dependable Capacity (MWe-Net) 582

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 4,009.48
 293,161.52

 4. Number of Hours Generator On-line
 720.00
 3,889.22
 289,677.94

 5. Reserve Shutdown Hours
 0.00
 0.00
 302.20

6. Net Electrical energy Generated (MWHrs) 429,105.50 2,122,166.60 139,117,606.10

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 282 PREPARER NAME: Thomas Scheibel

UNIT\_NME: Prairie Island Unit 1 PREPARER TELEPHONE: 651-388-1121 X4355

RPT\_PERIOD: 201107

Design Electrical Rating: 557
 Maximum Dependable Capacity (MWe-Net) 522.1

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 719.88
 4,073.53
 288,627.17

 4. Number of Hours Generator On-line
 714.93
 4,045.98
 286,115.57

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 360,438.00 2,136,201.00 144,760,062.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
182	7/1/2011	F	29.07	Α	2	An oil leak caused a turbine stop valve to close, prompting operators to manually trip the plant.

SUMMARY Unit 1 had an unplanned trip on 7/1/11 and was returned to service 7/2/11. Unit 1 was base loaded during July.

DOCKET: 282 PREPARER NAME: Thomas Scheibel

UNIT\_NME: Prairie Island Unit 1 PREPARER TELEPHONE: 651-388-1121 X4355

RPT\_PERIOD: 201108

Design Electrical Rating: 557
 Maximum Dependable Capacity (MWe-Net) 522.1

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,817.53
 289,371.17

 4. Number of Hours Generator On-line
 744.00
 4,789.98
 286,859.57

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 393,564.00 2,529,765.00 145,153,626.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 was base loaded during August 2011.

DOCKET: 282 PREPARER NAME: Thomas Scheibel

UNIT\_NME: Prairie Island Unit 1 PREPARER TELEPHONE: 651-388-1121 X4355

RPT\_PERIOD: 201109

Design Electrical Rating: 557
 Maximum Dependable Capacity (MWe-Net) 522.1

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 5,537.53
 290,091.17

 4. Number of Hours Generator On-line
 720.00
 5,509.98
 287,579.57

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 389,020.00 2,918,785.00 145,542,646.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 was base loaded during September 2011.

DOCKET: 306 PREPARER NAME: Thomas Scheibel

UNIT\_NME: Prairie Island Unit 2 PREPARER TELEPHONE: 651-388-1121 X4355

RPT\_PERIOD: 201107

Design Electrical Rating: 557
 Maximum Dependable Capacity (MWe-Net) 518.8

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,066.42
 288,029.75

 4. Number of Hours Generator On-line
 744.00
 5,059.35
 286,056.26

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 387,948.00 2,717,286.00 144,913,999.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 was base loaded during July.

DOCKET: 306 PREPARER NAME: Thomas Scheibel

UNIT\_NME: Prairie Island Unit 2 PREPARER TELEPHONE: 651-388-1121 X4355

RPT\_PERIOD: 201108

Design Electrical Rating: 557
 Maximum Dependable Capacity (MWe-Net) 518.8

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,810.42
 288,773.75

 4. Number of Hours Generator On-line
 744.00
 5,803.35
 286,800.26

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 389,798.00 3,107,084.00 145,303,797.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 was base loaded during August 2011.

DOCKET: 306 PREPARER NAME: Thomas Scheibel

UNIT\_NME: Prairie Island Unit 2 PREPARER TELEPHONE: 651-388-1121 X4355

RPT\_PERIOD: 201109

Design Electrical Rating: 557
 Maximum Dependable Capacity (MWe-Net) 518.8

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,530.42
 289,493.75

 4. Number of Hours Generator On-line
 720.00
 6,523.35
 287,520.26

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 385,044.00 3,492,128.00 145,688,841.00

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 was base loaded during September 2011.

DOCKET: 254 PREPARER NAME: Dave Boyles

UNIT\_NME: Quad Cities Unit 1 PREPARER TELEPHONE: 309-227-2813

RPT\_PERIOD: 201107

Design Electrical Rating: 866
 Maximum Dependable Capacity (MWe-Net) 866

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	744.00	4,370.47	280,780.28	
4. Number of Hours Generator On-line	744.00	4,225.98	274,940.68	
5. Reserve Shutdown Hours	0.00	0.00	1,655.20	
6. Net Electrical energy Generated (MWHrs)	674,685.00	3,696,622.00	193,199,093.00	

### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY U1 July 2011

Unit 1 started the month at approximately full reactor power and remained at full power for the rest of the month with the following exceptions.

1. Short duration down power due to Control rod pattern changes and condenser flow reversal rom 07/23/11 to 07/24/11.

DOCKET: 254 PREPARER NAME: Dave Boyles

UNIT\_NME: Quad Cities Unit 1 PREPARER TELEPHONE: 309-227-2813

RPT\_PERIOD: 201108

Design Electrical Rating: 866
 Maximum Dependable Capacity (MWe-Net) 866

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,114.47	281,524.28
4. Number of Hours Generator On-line	744.00	4,969.98	275,684.68
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	677,585.00	4,374,207.00	193,876,678.00

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY U1 August 2011

Unit 1 started the month at approximately full reactor power and remained at full power for the rest of the month.

DOCKET: 254 PREPARER NAME: Dave Boyles

UNIT\_NME: Quad Cities Unit 1 PREPARER TELEPHONE: 309-227-2813

RPT\_PERIOD: 201109

Design Electrical Rating: 866
 Maximum Dependable Capacity (MWe-Net) 866

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,834.47	282,244.28
4. Number of Hours Generator On-line	720.00	5,689.98	276,404.68
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	668,096.00	5,042,303.00	194,544,774.00

## **UNIT SHUTDOWNS**

	Type		Method of			
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY U1 September 2011

Unit 1 started the month at approximately full reactor power and remained at full power for the rest of the month.

DOCKET: 265 PREPARER NAME: Dave Boyles

UNIT\_NME: Quad Cities Unit 2 PREPARER TELEPHONE: 309-227-2813

RPT\_PERIOD: 201107

Design Electrical Rating: 957.3
 Maximum Dependable Capacity (MWe-Net) 888

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	273,747.70
4. Number of Hours Generator On-line	744.00	5,087.00	268,615.06
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	672,283.00	4,710,810.00	196,031,352.00

### **UNIT SHUTDOWNS**

		Type		Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

#### SUMMARY U2 July 2011

Unit 2 started the month at approximately full reactor power and remained at full power for the rest of the month with the following exceptions.

- 1. Short duration down power due to condenser flow reversal rom 07/07/11 to 07/07/11.
- 2. Short duration down power due to condenser flow reversal rom 07/19/11 to 07/19/11.
- 3. Short duration down power due to condenser fouling and condenser flow reversal rom 07/21/11 to 07/22/11.
- 4. Short duration down power due to condenser flow reversal rom 07/24/11 to 07/24/11.
- 5. Short duration down power due to condenser flow reversal rom 07/29/11 to 07/29/11.

DOCKET: 265 PREPARER NAME: Dave Boyles

UNIT\_NME: Quad Cities Unit 2 PREPARER TELEPHONE: 309-227-2813

RPT\_PERIOD: 201108

Design Electrical Rating: 957.3
 Maximum Dependable Capacity (MWe-Net) 888

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	274,491.70
4. Number of Hours Generator On-line	744.00	5,831.00	269,359.06
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	675,023.00	5,385,833.00	196,706,375.00

### **UNIT SHUTDOWNS**

		Type		Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

#### SUMMARY U2 August 2011

Unit 2 started the month at approximately full reactor power and remained at full power for the rest of the month with the following exceptions.

- 1. Short duration down power due to condenser flow reversal rom 08/02/11 to 08/02/11.
- 2. Short duration down power due to condenser flow reversal rom 08/03/11 to 08/03/11.
- 3. Short duration down power due to condenser flow reversal rom 08/04/11 to 08/04/11.
- 4. Short duration down power due to condenser flow reversal rom 08/07/11 to 08/07/11.
- 5. Short duration down power due to condenser flow reversal rom 08/08/11 to 08/08/11.
- 6. Short duration down power due to condenser flow reversal rom 08/10/11 to 08/10/11.

DOCKET: 265 PREPARER NAME: Dave Boyles

UNIT\_NME: Quad Cities Unit 2 PREPARER TELEPHONE: 309-227-2813

RPT\_PERIOD: 201109

Design Electrical Rating: 957.3
 Maximum Dependable Capacity (MWe-Net) 888

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	275,211.70
4. Number of Hours Generator On-line	720.00	6,551.00	270,079.06
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	660,146.00	6,045,979.00	197,366,521.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

#### SUMMARY U2 September 2011

Unit 2 started the month at approximately full reactor power and remained at full power for the rest of the month with the following exceptions.

1. Short duration down power due to CRD position change, Tech Spec Surveillance and RFP maintenance from 09/02/11 to 09/04/11.

DOCKET: 458 PREPARER NAME: Thomas J. Bolke

UNIT\_NME: River Bend Unit 1 PREPARER TELEPHONE: (225)346-8651 ext 2940

RPT\_PERIOD: 201107

Design Electrical Rating: 967
 Maximum Dependable Capacity (MWe-Net) 967

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,436.55
 188,521.08

 4. Number of Hours Generator On-line
 744.00
 4,414.01
 184,080.60

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 719,969.00 4,218,575.00 168,453,764.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 458 PREPARER NAME: Thomas J. Bolke

UNIT\_NME: River Bend Unit 1 PREPARER TELEPHONE: (225)346-8651 ext 2940

RPT\_PERIOD: 201108

Design Electrical Rating: 967
 Maximum Dependable Capacity (MWe-Net) 967

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,180.55
 189,265.08

 4. Number of Hours Generator On-line
 744.00
 5,158.01
 184,824.60

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 726,103.00 4,944,678.00 169,179,867.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 458 PREPARER NAME: Thomas J. Bolke

UNIT\_NME: River Bend Unit 1 PREPARER TELEPHONE: (225)346-8651 ext 2940

RPT\_PERIOD: 201109

Design Electrical Rating: 967
 Maximum Dependable Capacity (MWe-Net) 967

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 5,900.55
 189,985.08

 4. Number of Hours Generator On-line
 720.00
 5,878.01
 185,544.60

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 696,843.00 5,641,521.00 169,876,710.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 261 PREPARER NAME: Tim Surma

UNIT\_NME: Robinson Unit 2 PREPARER TELEPHONE: 843-857-1086 RPT\_PERIOD: 201107

1. Design Electrical Rating:

765 2. Maximum Dependable Capacity (MWe-Net) 724

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	744.00	5,087.00	279,054.77	
4. Number of Hours Generator On-line	744.00	5,087.00	275,461.42	
5. Reserve Shutdown Hours	0.00	0.00	23.20	
6. Net Electrical energy Generated (MWHrs)	509,154.00	3,746,134.00	185,317,273.00	

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY A planned downpower occurred from 7/22- 7/25. The unit operated at approximately 100% the remainder of the month.

DOCKET: 261 PREPARER NAME: Tim Surma

UNIT\_NME: Robinson Unit 2 PREPARER TELEPHONE: 843-857-1086

RPT\_PERIOD: 201108

Design Electrical Rating: 765
 Maximum Dependable Capacity (MWe-Net) 724

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	279,798.77
4. Number of Hours Generator On-line	744.00	5,831.00	276,205.42
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	513,636.00	4,259,770.00	185,830,909.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at approximatley full power the entire month.

DOCKET: 261 PREPARER NAME: Tim Surma

UNIT\_NME: Robinson Unit 2 PREPARER TELEPHONE: 843-857-1086 RPT\_PERIOD: 201109

Design Electrical Rating: 765

5. Reserve Shutdown Hours

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 655.17
 6,486.17
 280,453.94

 4. Number of Hours Generator On-line
 637.30
 6,468.30
 276,842.72

6. Net Electrical energy Generated (MWHrs) 447,962.00 4,707,732.00 186,278,871.00

0.00

#### **UNIT SHUTDOWNS**

0.00

23.20

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1 9/2	26/2011	F	82.70	А	3	Automatic scram resulting from Reactor Protection System relay fialure.

SUMMARY The unit exited a forced outage that began on 9/29/11 and ended on 9/29/11.

DOCKET: 272 PREPARER NAME: Kevin Heck
UNIT\_NME: Salem Unit 1 PREPARER TELEPHONE: 856-339-1975

RPT\_PERIOD: 201107

Design Electrical Rating: 1169
 Maximum Dependable Capacity (MWe-Net) 1116

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,065.52	212,266.41
4. Number of Hours Generator On-line	744.00	4,901.85	206,909.71
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 852,093.00 5,715,600.00 219,426,005.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 272 PREPARER NAME: Kevin Heck
UNIT\_NME: Salem Unit 1 PREPARER TELEPHONE: 856-339-1975

RPT\_PERIOD: 201108

Design Electrical Rating: 1169
 Maximum Dependable Capacity (MWe-Net) 1116

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,809.52	213,010.41
4. Number of Hours Generator On-line	744.00	5,645.85	207,653.71
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 839,307.00 6,554,907.00 220,265,312.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 272 PREPARER NAME: Kevin Heck
UNIT\_NME: Salem Unit 1 PREPARER TELEPHONE: 856-339-1975

RPT\_PERIOD: 201109

Design Electrical Rating: 1169
 Maximum Dependable Capacity (MWe-Net) 1116

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,529.52	213,730.41
4. Number of Hours Generator On-line	720.00	6,365.85	208,373.71
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 619,966.00 7,174,873.00 220,885,278.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 311 PREPARER NAME: Kevin Heck

UNIT\_NME: Salem Unit 2 PREPARER TELEPHONE: 856-339-1975 RPT\_PERIOD: 201107

Design Electrical Rating: 1181
 Maximum Dependable Capacity (MWe-Net) 1134

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	649.60	4,233.95	189,107.68
4. Number of Hours Generator On-line	634.68	4,191.31	185,052.31
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 648,600.00 4,821,825.00 196,358,477.00

## **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
S2F11 -01	6/26/2011	F	10.17	Α	4	Reactor trip due to electrical fault on 23 Reactor Coolant Pump. Root Cause evaluation completed
S2F11 -02	7/15/2011	F	99.15	А	1	Plant shutdown due to a cracked weld by 2SJ10. RCE 70126271 in progress.

SUMMARY Reactor manually shutdown on 7/15/2011 due to an RCS leak from a cracked weld by 2SJ10.

DOCKET: 311 PREPARER NAME: Kevin Heck
UNIT\_NME: Salem Unit 2 PREPARER TELEPHONE: 856-339-1975

RPT\_PERIOD: 201108

Design Electrical Rating: 1181
 Maximum Dependable Capacity (MWe-Net) 1134

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,977.95
 189,851.68

 4. Number of Hours Generator On-line
 744.00
 4,935.31
 185,796.31

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 866,666.00 5,688,491.00 197,225,143.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 311 PREPARER NAME: Kevin Heck

UNIT\_NME: Salem Unit 2 PREPARER TELEPHONE: 856-339-1975 RPT\_PERIOD: 201109

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1181
 1134

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 5,697.95
 190,571.68

 4. Number of Hours Generator On-line
 720.00
 5,655.31
 186,516.31

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 838,023.00 6,526,514.00 198,063,166.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 361

PREPARER NAME: Ryan Treadway

UNIT\_NME: San Onofre Unit 2

PREPARER TELEPHONE: 949-368-9985

RPT\_PERIOD: 201107

1. Design Electrical Rating: 1070

2. Maximum Dependable Capacity (MWe-Net) 1070

This Month	Yr-to-Date	Cumulative
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 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 200,236.02

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 197,712.22

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 841,821.05 5,777,523.84 213,571,849.63

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY 7/1/11 Unit 2 in Mode 1. 7/31 Mode 1.

DOCKET: 361

PREPARER NAME: Ryan Treadway

UNIT\_NME: San Onofre Unit 2

3. Number of Hours the Reactor was Critical

PREPARER TELEPHONE: 949-368-9985

RPT\_PERIOD: 201108

Design Electrical Rating: 1070
 Maximum Dependable Capacity (MWe-Net) 1070

 This Month
 Yr-to-Date
 Cumulative

 744.00
 5,831.00
 200,980.02

4. Number of Hours Generator On-line 744.00 5,831.00 198,456.22

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 843,963.45 6,621,487.29 214,415,813.08

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY 8/1/11 Unit 2 in Mode 1. 8/31 Mode 1.

DOCKET: 361 PREPARER NAME: Ryan Treadway

UNIT\_NME: San Onofre Unit 2 PREPARER TELEPHONE: 949-368-9985

RPT\_PERIOD: 201109

Design Electrical Rating: 1070
 Maximum Dependable Capacity (MWe-Net) 1070

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	674.13	6,505.13	201,654.15
4. Number of Hours Generator On-line	655.37	6,486.37	199,111.59
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 735,059.05 7,356,546.34 215,150,872.13

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	9/8/2011	F	64.63	Н	3	Unplanned Reactor Trip due to loss of 500 KV transmission line from Arizona to east end of SDG&E grid. Both units tripped on high pressurizer pressure after SDG&E & SCE systems were separated due to high amperage. 1.4 million customers lost power throughout San Diego County, parts of Orange County, Imperial County, Baja California & Arizona.

SUMMARY 9/1/11 Unit 2 in Mode 1. 9/8 15:38 Turbine Reactor Tripped. 9/10 12:26 Entered Mode 2. 9/10 13:30 Reactor Critical. 9/10 23:18 Entered Mode 1. 9/11 08:16 Breaker Closed. 9/30 Mode 1.

DOCKET: 362 PREPARER NAME: Ryan Treadway

UNIT\_NME: San Onofre Unit 3 PREPARER TELEPHONE: 949-368-9985

RPT\_PERIOD: 201107

Design Electrical Rating: 1080
 Maximum Dependable Capacity (MWe-Net) 1080

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,986.23	198,810.78
4. Number of Hours Generator On-line	744.00	3,932.07	196,209.70
5. Reserve Shutdown Hours	0.00	0.00	729.50
6. Net Electrical energy Generated (MWHrs)	839,184.70	4,333,802.14	209,221,082.06

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY 7/1/11 Unit 3 in Mode 1. 7/31 Mode 1.

DOCKET: 362 PREPARER NAME: Ryan Treadway

UNIT\_NME: San Onofre Unit 3 PREPARER TELEPHONE: 949-368-9985 RPT\_PERIOD: 201108

4. Design Electrical Patient

Design Electrical Rating: 1080
 Maximum Dependable Capacity (MWe-Net) 1080

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,730.23	199,554.78
4. Number of Hours Generator On-line	744.00	4,676.07	196,953.70
5. Reserve Shutdown Hours	0.00	0.00	729.50

6. Net Electrical energy Generated (MWHrs) 758,935.50 5,092,737.64 209,980,017.56

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY 8/1/11 Unit 3 in Mode 1. 8/31 Mode 1.

DOCKET: 362 PREPARER NAME: Ryan Treadway

UNIT\_NME: San Onofre Unit 3 PREPARER TELEPHONE: 949-368-9985

RPT\_PERIOD: 201109

Design Electrical Rating: 1080
 Maximum Dependable Capacity (MWe-Net) 1080

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	640.85	5,371.08	200,195.63	
4. Number of Hours Generator On-line	633.05	5,309.12	197,586.75	
5. Reserve Shutdown Hours	0.00	0.00	729.50	
6. Net Electrical energy Generated (MWHrs)	699,990.55	5,792,728.19	210,680,008.11	

### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	9/8/2011	F	86.95	Н	3	Unplanned Reactor Trip due to loss of 500 KV transmission line from Arizona to east end of SDG&E grid. Both units tripped on high pressurizer pressure after SDG&E & SCE systems were separated due to high amperage. 1.4 million customers lost power throughout San Diego County, parts of Orange County, Imperial County, Baja California & Arizona.

SUMMARY 9/1/11 Unit 3 in Mode 1. 9/8 15:38 Turbine Reactor Tripped. 9/11 22:20 Entered Mode 2. 9/11 22:47 Reactor Critical. 9/12 03:18 Entered Mode 1. 9/12 06:35 Breaker Closed. 9/30 Mode 1.

DOCKET: 443 PREPARER NAME: Kevin Randall

UNIT\_NME: Seabrook Unit 1 PREPARER TELEPHONE: 603.773.7992

RPT\_PERIOD: 201107

Design Electrical Rating: 1248
 Maximum Dependable Capacity (MWe-Net) 1246

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,837.42	164,015.53
4. Number of Hours Generator On-line	744.00	3,809.46	160,512.76
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 927,614.83 4,673,762.99 185,996,441.37

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at 100% power for 744 of 744 hours this month. This yielded an availability factor of 100.0% and a capacity factor of 100.0637% based on the MDC of 1246.

DOCKET: 443 PREPARER NAME: Kevin Randall

UNIT\_NME: Seabrook Unit 1 PREPARER TELEPHONE: 603.773.7992

RPT\_PERIOD: 201108

Design Electrical Rating: 1248
 Maximum Dependable Capacity (MWe-Net) 1246

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,581.42	164,759.53
4. Number of Hours Generator On-line	744.00	4,553.46	161,256.76
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 925,757.23 5,599,520.22 186,922,198.60

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at 100% power for 744 of 744 hours this month. This yielded an availability factor of 100.0% and a capacity factor of 99.8634% based on the MDC of 1246.

DOCKET: 443 PREPARER NAME: Kevin Randall

UNIT\_NME: Seabrook Unit 1 PREPARER TELEPHONE: 603.773.7992

RPT\_PERIOD: 201109

Design Electrical Rating: 1248
 Maximum Dependable Capacity (MWe-Net) 1246

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,301.42	165,479.53
4. Number of Hours Generator On-line	720.00	5,273.46	161,976.76
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 895,606.03 6,495,126.25 187,817,804.63

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at 100% power 714 out of 720 hours this month. The unit reduced power to 95% on 9/7/2011 for planned main turbine control valve testing. This yielded an availability factor of 100% and a capacity factor of 99.8312% based on the MDC of 1246 MWe.

DOCKET: 327 PREPARER NAME: Debra E. Ferrell

UNIT\_NME: Sequoyah Unit 1 PREPARER TELEPHONE: 423-843-7526

RPT\_PERIOD: 201107

Design Electrical Rating: 1173
 Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	721.23	5,036.06	193,671.27
4. Number of Hours Generator On-line	711.68	5,017.13	191,358.00
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 759,116.00 5,750,493.00 212,188,090.20

# **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2	7/20/2011	F	32.32	Α	3	Unit reactor automatically shutdown when the turbine shutdown after a load rejection during testing activities associated with the preferred vital inverter.

SUMMARY U1 Gross Max Dependable Capacity Factor was 90.069 for the month of July 2011.

DOCKET: 327 PREPARER NAME: Debra E. Ferrell

UNIT\_NME: Sequoyah Unit 1 PREPARER TELEPHONE: 423-843-7526

RPT\_PERIOD: 201108

Design Electrical Rating: 1173
 Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	700.20	5,736.26	194,371.47
4. Number of Hours Generator On-line	691.92	5,709.05	192,049.92
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 760,553.00 6,511,046.00 212,948,643.20

# **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
3	8/18/2011	F	52.08	Α	3	Automatic RX Shutdown when RCP 1 & 3 sensed low voltage

SUMMARY U1 Gross Max Dependable Capacity Factor was 90.395 for the month of August 2011.

DOCKET: 327 PREPARER NAME: Debra E. Ferrell

UNIT\_NME: Sequoyah Unit 1 PREPARER TELEPHONE: 423-843-7526

RPT\_PERIOD: 201109

Design Electrical Rating: 1173
 Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,456.26	195,091.47
4. Number of Hours Generator On-line	720.00	6,429.05	192,769.92
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 821,546.50 7,332,592.50 213,770,189.70

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY U1 Gross Max Dependable Capacity Factor was 100.011 for the month of September 2011.

DOCKET: 328 PREPARER NAME: Debra E. Ferrell

UNIT\_NME: Sequoyah Unit 2 PREPARER TELEPHONE: 423-843-7526

RPT\_PERIOD: 201107

Design Electrical Rating: 1151
 Maximum Dependable Capacity (MWe-Net) 1125.7

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,362.09	198,456.23
4. Number of Hours Generator On-line	744.00	4,343.68	195,854.87
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 813,680.00 4,697,994.00 212,956,457.70

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY U2 Gross Max Dependable Capacity Factor was 98.320 for the month of July 2011.

PREPARER NAME: DOCKET: 328 Debra E. Ferrell PREPARER TELEPHONE: 423-843-7526

UNIT\_NME: Sequoyah Unit 2

RPT\_PERIOD: 201108

1. Design Electrical Rating: 1151 2. Maximum Dependable Capacity (MWe-Net) 1125.7

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,106.09	199,200.23
4. Number of Hours Generator On-line	744.00	5,087.68	196,598.87
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 818,165.00 213,774,622.70 5,516,159.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY U2 Gross Max Dependable Capacity Factor was 98.465 for the month of August 2011.

DOCKET: 328 PREPARER NAME: Debra E. Ferrell UNIT\_NME: Sequoyah Unit 2 PREPARER TELEPHONE: 423-843-7526

RPT\_PERIOD: 201109

RF1\_FERIOD. 201109

Design Electrical Rating: 1151
 Maximum Dependable Capacity (MWe-Net) 1125.7

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,826.09	199,920.23
4. Number of Hours Generator On-line	720.00	5,807.68	197,318.87
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 760,650.50 6,276,809.50 214,535,273.20

### **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY U2 Gross Max Dependable Capacity Factor was 94.384 for the month of September 2011.

DOCKET: 498 PREPARER NAME: R.L. Hill

UNIT\_NME: South Texas Unit 1 PREPARER TELEPHONE: 361-972-7667

RPT\_PERIOD: 201107

Design Electrical Rating: 1250.6
 Maximum Dependable Capacity (MWe-Net) 1250.6

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,269.24
 169,052.61

 4. Number of Hours Generator On-line
 744.00
 4,237.41
 164,547.31

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 987,248.00 5,673,412.00 205,920,227.00

#### **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Normal operation.

DOCKET: 498 PREPARER NAME: R.L. Hill

UNIT\_NME: South Texas Unit 1 PREPARER TELEPHONE: 361-972-7667

RPT\_PERIOD: 201108

Design Electrical Rating: 1250.6
 Maximum Dependable Capacity (MWe-Net) 1250.6

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 5,013.24 169,796.61
4. Number of Hours Generator On-line 744.00 4,981.41 165,291.31
5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 981,859.00 6,655,271.00 206,902,086.00

#### **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Normal operation.

DOCKET: 498 PREPARER NAME: R.L. Hill

UNIT\_NME: South Texas Unit 1 PREPARER TELEPHONE: 3619727667

RPT\_PERIOD: 201109

Design Electrical Rating: 1250.6
 Maximum Dependable Capacity (MWe-Net) 1250.6

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 5,733.24
 170,516.61

 4. Number of Hours Generator On-line
 720.00
 5,701.41
 166,011.31

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 962,026.00 7,617,297.00 207,864,112.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Scheduled reactor power reduction to 98 percent for Main Turbine Steam Inlet Valve Test.

DOCKET: 499 PREPARER NAME: R.L. Hill

UNIT\_NME: South Texas Unit 2 PREPARER TELEPHONE: 361-972-7667

RPT\_PERIOD: 201107

Design Electrical Rating: 1250.6
 Maximum Dependable Capacity (MWe-Net) 1250.6

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 163,525.29

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 161,102.34

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 988,027.00 6,859,501.00 201,670,378.00

#### **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Scheduled reactor power reduction to 98 percent for Main Turbine Steam Inlet Valve Test.

DOCKET: 499 PREPARER NAME: R.L. Hill

UNIT\_NME: South Texas Unit 2 PREPARER TELEPHONE: 361-972-7667

RPT\_PERIOD: 201108

Design Electrical Rating: 1250.6
 Maximum Dependable Capacity (MWe-Net) 1250.6

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,831.00
 164,269.29

 4. Number of Hours Generator On-line
 744.00
 5,831.00
 161,846.34

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 883,867.00 7,743,368.00 202,554,245.00

#### **UNIT SHUTDOWNS**

	Туре			Method of			
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>	
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY STP Unit 2 was removed from service on August 14, at 12:44 p. m. to allow repairs and maintenance on the Unit 2 Auxiliary Transformer (UAT) Load Tap Changer. The unit was returned to service on August 15, at 5:39 a. m. and achieved 100% reactor power on August 16, at 9:48 p.m. To complete maintenance, the unit was removed from service on August 19, at 11:34 p.m. Maintenance was completed and the unit was returned to service August 20, at 2:24 p.m. and achieved 100% reactor power on August 22, at 6:17 a.m.

DOCKET: 499 PREPARER NAME: R.L. Hill

UNIT\_NME: South Texas Unit 2 PREPARER TELEPHONE: 3619727667

RPT\_PERIOD: 201109

Design Electrical Rating: 1250.6
 Maximum Dependable Capacity (MWe-Net) 1250.6

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,551.00
 164,989.29

 4. Number of Hours Generator On-line
 720.00
 6,551.00
 162,566.34

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 962,609.00 8,705,977.00 203,516,854.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Normal operation.

DOCKET: 335 PREPARER NAME: Kurt Boller

UNIT\_NME: St. Lucie Unit 1 PREPARER TELEPHONE: 772 467-7465

RPT\_PERIOD: 201107

Design Electrical Rating: 856
 Maximum Dependable Capacity (MWe-Net) 839

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 253,194.86

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 251,157.99

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 623,297.00 4,302,309.00 206,949,470.00

#### **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY PSL 1 operated in mode 1 the entire report period.

DOCKET: 335 PREPARER NAME: Kurt Boller

UNIT\_NME: St. Lucie Unit 1 PREPARER TELEPHONE: 772 467-7465

RPT\_PERIOD: 201108

Design Electrical Rating: 856
 Maximum Dependable Capacity (MWe-Net) 839

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	659.15	5,746.15	253,854.01
4. Number of Hours Generator On-line	647.72	5,734.72	251,805.71
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 536,416.00 4,838,725.00 207,485,886.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
016	8/22/2011	F	96.28	Н	2	PSL 1 manual scram at 90% power due to loss of condenser vacuum/high main condenser back pressure.

SUMMARY PSL 1 operated in mode 1 until until 8/22/11 at 15:13 when when the unit entered mode 3. PSL 1 returned to mode 1 on 8/26/11 at 16:42. PSL 1 remained in mode 1 through the end of the month.

DOCKET: 335 PREPARER NAME: Kurt Boller

UNIT\_NME: St. Lucie Unit 1 PREPARER TELEPHONE: 772 467-7465

RPT\_PERIOD: 201109

Design Electrical Rating: 856
 Maximum Dependable Capacity (MWe-Net) 839

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,466.15
 254,574.01

 4. Number of Hours Generator On-line
 720.00
 6,454.72
 252,525.71

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 607,162.00 5,445,887.00 208,093,048.00

#### **UNIT SHUTDOWNS**

	Type				Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY PSL 1 operated at full power the entire report period.

DOCKET: 389 PREPARER NAME: Kurt Boller

UNIT\_NME: St. Lucie Unit 2 PREPARER TELEPHONE: 772 467-7465

RPT\_PERIOD: 201107

Design Electrical Rating: 856
 Maximum Dependable Capacity (MWe-Net) 839

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	2,114.08	211,455.71
4. Number of Hours Generator On-line	744.00	2,001.92	209,129.91
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 662,415.00 1,075,106.00 172,404,693.00

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY PSL 2 operated in mode 1 the entire report period.

DOCKET: 389 PREPARER NAME: Kurt Boller

UNIT\_NME: St. Lucie Unit 2 PREPARER TELEPHONE: 774 467-7465 RPT\_PERIOD: 201108

Design Electrical Rating: 856
 Maximum Dependable Capacity (MWe-Net) 839

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 2,858.08
 212,199.71

 4. Number of Hours Generator On-line
 744.00
 2,745.92
 209,873.91

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 594,745.00 1,669,851.00 172,999,438.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY PSL 2 operated in mode 1 the entire report period.

DOCKET: 389 PREPARER NAME: Kurt Boller

UNIT\_NME: St. Lucie Unit 2 PREPARER TELEPHONE: 772 467-7465 RPT\_PERIOD: 201109

Design Electrical Rating: 856
 Maximum Dependable Capacity (MWe-Net) 839

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 3,578.08
 212,919.71

 4. Number of Hours Generator On-line
 720.00
 3,465.92
 210,593.91

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 634,144.00 2,303,995.00 173,633,582.00

#### **UNIT SHUTDOWNS**

Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY PSL 2 operated at full power the entire report period.

DOCKET: 395 PREPARER NAME: Wesley R Higgins

UNIT\_NME: Summer Unit 1 PREPARER TELEPHONE: 8033454042

RPT\_PERIOD: 201107

Design Electrical Rating: 972.7
 Maximum Dependable Capacity (MWe-Net) 966

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,998.72	207,071.57
4. Number of Hours Generator On-line	744.00	3,949.88	204,687.68
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 724,676.00 3,816,525.00 185,069,678.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	<b>Duration</b>		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY On July 7th reactor power was reduced to approximately 99% to support calibration of the power range nuclear instrumentation. Reactor power was restored to 100% on July 8th. This maintenance activity resulted in an uplanned generation loss of 153 MWHrs for the month of July, 2011.

DOCKET: 395 PREPARER NAME: Wesley R. Higgins

UNIT\_NME: Summer Unit 1 PREPARER TELEPHONE: 8033454042

RPT\_PERIOD: 201108

Design Electrical Rating: 972.7
 Maximum Dependable Capacity (MWe-Net) 966

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,742.72	207,815.57
4. Number of Hours Generator On-line	744.00	4,693.88	205,431.68
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 724,553.00 4,541,078.00 185,794,231.00

### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY On August 26th reactor power was reduced to approximately 99% to support calibration of the RCS Delta T channels. Reactor power was restored to 100% on August 28th. This was a planned maintenance activity that resulted in the loss of 173 MWHrs for the month of August, 2011.

DOCKET: 395 PREPARER NAME: Wesley R. Higgins

UNIT\_NME: Summer Unit 1 PREPARER TELEPHONE: 8033454042

RPT\_PERIOD: 201109

Design Electrical Rating: 972.7
 Maximum Dependable Capacity (MWe-Net) 966

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,462.72	208,535.57
4. Number of Hours Generator On-line	720.00	5,413.88	206,151.68
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 704,712.00 5,245,790.00 186,498,943.00

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	<b>Duration</b>		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Operated at 100% power for the month of September except for brief reduction in plant power to 95% on September 22, 2011 due to a level transient in 2B Feedwater Heater. Repairs were made and the plant returned to 100% power the same day.

DOCKET: 280 PREPARER NAME: Marlene Haskett UNIT\_NME: Surry Unit 1 PREPARER TELEPHONE: 757-365-2146

RPT\_PERIOD: 201107

Design Electrical Rating: 788
 Maximum Dependable Capacity (MWe-Net) 799

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,930.58	263,093.39
4. Number of Hours Generator On-line	744.00	4,917.97	260,000.14
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	626,169.55	4,249,451.33	197,883,866.45

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 280 PREPARER NAME: Marlene Haskett UNIT\_NME: Surry Unit 1 PREPARER TELEPHONE: 757-365-2146

RPT\_PERIOD: 201108

Design Electrical Rating: 788
 Maximum Dependable Capacity (MWe-Net) 799

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,674.58	263,837.39
4. Number of Hours Generator On-line	744.00	5,661.97	260,744.14
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	629,175.97	4,878,627.30	198,513,042.42

# **UNIT SHUTDOWNS**

Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 280 PREPARER NAME: Marlene Haskett UNIT\_NME: Surry Unit 1 PREPARER TELEPHONE: 757-365-2146

RPT\_PERIOD: 201109

Design Electrical Rating: 788
 Maximum Dependable Capacity (MWe-Net) 799

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,394.58	264,557.39
4. Number of Hours Generator On-line	720.00	6,381.97	261,464.14
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	617,112.62	5,495,739.92	199,130,155.04

# **UNIT SHUTDOWNS**

Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 281 PREPARER NAME: Marlene Haskett UNIT\_NME: Surry Unit 2 PREPARER TELEPHONE: 757-365-2146

RPT\_PERIOD: 201107

Design Electrical Rating: 788
 Maximum Dependable Capacity (MWe-Net) 799

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 3,157.17
 260,266.96

 4. Number of Hours Generator On-line
 744.00
 3,099.52
 257,543.57

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 616,347.49 2,486,292.12 196,412,334.78

### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 281 PREPARER NAME: Marlene Haskett UNIT\_NME: Surry Unit 2 PREPARER TELEPHONE: 757-365-2146

RPT\_PERIOD: 201108

Design Electrical Rating: 788
 Maximum Dependable Capacity (MWe-Net) 799

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 3,901.17
 261,010.96

 4. Number of Hours Generator On-line
 744.00
 3,843.52
 258,287.57

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 617,386.16 3,103,678.28 197,029,720.94

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

DOCKET: 281 PREPARER NAME: Marlene Haskett UNIT\_NME: Surry Unit 2 PREPARER TELEPHONE: 757-365-2146

RPT\_PERIOD: 201109

Design Electrical Rating: 788
 Maximum Dependable Capacity (MWe-Net) 799

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 4,621.17
 261,730.96

 4. Number of Hours Generator On-line
 720.00
 4,563.52
 259,007.57

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 599,407.66 3,703,085.94 197,629,128.60

#### **UNIT SHUTDOWNS**

Type			Method of			
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY 09/11/11 @ 0817 Commenced ramping Unit 2 to maintain Condenser Vacuum during quarterly test of service water/circulating water valves. U2

@ 100% Rx power, 870 MWe

09/11/11 @ 1009 Stopped Ramp. U2 @ 80% Reactor Power

09/11/11 @ 1147 ramped to 65% power

09/12/11 @ 0634 Unit 2 is at 100% Rx power producing 875 MWe

DOCKET: 387 PREPARER NAME: J. Hennings

UNIT\_NME: Susquehanna Unit 1 PREPARER TELEPHONE: 507-542-3747

RPT\_PERIOD: 201107

Design Electrical Rating: 1287
 Maximum Dependable Capacity (MWe-Net) 1257

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,017.30	210,149.05
4. Number of Hours Generator On-line	744.00	3,918.03	207,291.51
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	903,976.00	4,803,909.00	220,812,908.10

### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The Unit 1 Reactor achieved 100% power in late June following a Turbine Blade Inspection and Maintenance outage. The only power reduction greater than 20% in July was an unplanned reduction on 07/05/11 due to elevated Condenser conductivity due to Condenser Tube leaks. The lowest power for this evolution was 72.5%, resulting in a 27.5% reduction. Condenser Tube repairs were performed and power was returned to 100% on 7/8/11.

DOCKET: 387 PREPARER NAME: J. Hennings

UNIT\_NME: Susquehanna Unit 1 PREPARER TELEPHONE: 570-542-3747

RPT\_PERIOD: 201108

Design Electrical Rating: 1287
 Maximum Dependable Capacity (MWe-Net) 1257

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,761.30	210,893.05
4. Number of Hours Generator On-line	744.00	4,662.03	208,035.51
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 940,226.00 5,744,135.00 221,753,134.10

# **UNIT SHUTDOWNS**

Type				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY There were no power reductions greater than 20% this month.

DOCKET: 387 PREPARER NAME: J. Hennings

UNIT\_NME: Susquehanna Unit 1 PREPARER TELEPHONE: 570-542-3747

RPT\_PERIOD: 201109

Design Electrical Rating: 1287
 Maximum Dependable Capacity (MWe-Net) 1257

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,481.30	211,613.05
4. Number of Hours Generator On-line	720.00	5,382.03	208,755.51
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 910,651.00 6,654,786.00 222,663,785.10

### **UNIT SHUTDOWNS**

	Type					
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The only power reduction greater than 20% was on September 9th for a planned Sequence Exchange. The Reactor was returned to full power on September 10.

DOCKET: 388 PREPARER NAME: J. Hennings

UNIT\_NME: Susquehanna Unit 2 PREPARER TELEPHONE: 570-542-3747

RPT\_PERIOD: 201107

Design Electrical Rating: 1287
 Maximum Dependable Capacity (MWe-Net) 1257

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,116.23	205,173.10
4. Number of Hours Generator On-line	744.00	3,033.20	202,756.31
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 710,334.00 3,430,518.00 218,606,210.30

#### **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>	
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY The Unit 2 Reactor came on line late June following start up from a Refueling Outage Extension for Turbine Blade Maintenance. The new uprated power rating of 3952 MWth was achieved in late July following Power ascension testing and Integrated Control System Testing. (CDE "Pedigree" database changes have been requested to reflect this change). There was one Unit 2 power reduction greater than 20 % for the month of July for a planned Control Rod Pattern adjustment starting on July 15 that required a 29.4% reduction. Reactor Power returned to 94.4% (3733 MWTh) 7/17/11 00:04.

DOCKET: 388 PREPARER NAME: J. Hennings

UNIT\_NME: Susquehanna Unit 2 PREPARER TELEPHONE: 570-542-3747

RPT\_PERIOD: 201108

Design Electrical Rating: 1287
 Maximum Dependable Capacity (MWe-Net) 1257

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	661.92	3,778.15	205,835.02
4. Number of Hours Generator On-line	638.65	3,671.85	203,394.96
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 766,183.00 4,196,701.00 219,372,393.30

#### **UNIT SHUTDOWNS**

		Type F: Forced	Duration		Method of Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments
U2 2011- 03	8/19/2011	F	105.35	Н	3	On 08/19/2011 an Unplanned Automatic Scram occurred during testing of the RPV Highwater Level instrumentation in Turbine Trip logic. The inadvertent trip was due to a design installation error. Instrumentation panel wiring was corrected and the system was retested. The generator was synchronized to the grid on 08/23/11.

SUMMARY On 8/12/11 Reactor Power was reduced to 62% to perform a planned Control Rod sequence exchange. Reactor Power was returned to 100% on 8/14/11.

On 08/19/2011 an Unplanned Automatic Scram occurred during testing of the RPV Highwater Level instrumentation in Turbine Trip logic. The Reactor was declared critical on 8/22/11 and the generator was synchronized to the grid on 08/23/11.

During Power ascension, the startup schedule included a 20% power reduction from 85% for a Rod Pattern adjustment to be performed at 65% on 8/25/11. Following the adjustment, Reactor power was increased above 85% and the power ascension continued as scheduled.

DOCKET: 388 PREPARER NAME: J. Hennings

UNIT\_NME: Susquehanna Unit 2 PREPARER TELEPHONE: 570-542-3747

RPT\_PERIOD: 201109

Design Electrical Rating: 1287
 Maximum Dependable Capacity (MWe-Net) 1257

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 4,498.15
 206,555.02

 4. Number of Hours Generator On-line
 720.00
 4,391.85
 204,114.96

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 910,345.00 5,107,046.00 220,282,738.30

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY There were no power reductions greater than 20% this month.

DOCKET: 289 PREPARER NAME: Mark Fauber

UNIT\_NME: Three Mile Island Unit 1 PREPARER TELEPHONE: (717) 948-8787

RPT\_PERIOD: 201107

Design Electrical Rating: 819
 Maximum Dependable Capacity (MWe-Net) 802

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	237,738.59
4. Number of Hours Generator On-line	744.00	5,087.00	235,987.02
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 599,464.00 4,189,316.00 195,495,072.40

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at nominal full power for the entire month of July.

DOCKET: 289 PREPARER NAME: Mark Fauber

UNIT\_NME: Three Mile Island Unit 1 PREPARER TELEPHONE: (717) 948-8787

RPT\_PERIOD: 201108

Design Electrical Rating: 819
 Maximum Dependable Capacity (MWe-Net) 802

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	238,482.59
4. Number of Hours Generator On-line	744.00	5,831.00	236,731.02
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 603,021.00 4,792,337.00 196,098,093.40

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at nominal full power for the entire month of August.

DOCKET: 289 PREPARER NAME: Mark Fauber

UNIT\_NME: Three Mile Island Unit 1 PREPARER TELEPHONE: (717) 948-8787

RPT\_PERIOD: 201109

Design Electrical Rating: 819
 Maximum Dependable Capacity (MWe-Net) 802

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	239,202.59
4. Number of Hours Generator On-line	720.00	6,551.00	237,451.02
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 563,240.00 5,355,577.00 196,661,333.40

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	<b>Duration</b>		Shutting	Cause - Corrective Action
No.	<b>Date</b>	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Planned power reduction to 50% to support corrective maintenance. Began at 21:00 on 9/2/11, at nominal 50% power at 00:51 on 9/3/11, return to full power on 9/5/11 at 08:09.

DOCKET: 250 PREPARER NAME: Colleen Phillips

UNIT\_NME: Turkey Point Unit 3 PREPARER TELEPHONE: 305246-7106

RPT\_PERIOD: 201107

Design Electrical Rating: 720
 Maximum Dependable Capacity (MWe-Net) 693

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,934.88
 262,242.95

 4. Number of Hours Generator On-line
 744.00
 4,895.93
 259,245.44

 5. Reserve Shutdown Hours
 0.00
 0.00
 121.80

6. Net Electrical energy Generated (MWHrs) 520,955.78 3,484,615.00 171,872,469.70

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 3 operated at approximately 100% power for the month of July

DOCKET: 250 PREPARER NAME: Colleen Phillips

UNIT\_NME: Turkey Point Unit 3 PREPARER TELEPHONE: 305246-7106 RPT\_PERIOD: 201108

Design Electrical Rating: 720
 Maximum Dependable Capacity (MWe-Net) 693

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,678.88
 262,986.95

 4. Number of Hours Generator On-line
 744.00
 5,639.93
 259,989.44

 5. Reserve Shutdown Hours
 0.00
 0.00
 121.80

6. Net Electrical energy Generated (MWHrs) 520,478.06 4,005,093.06 172,392,947.76

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 3 operated at approximately 100% power for the month of August

DOCKET: 250 PREPARER NAME: Colleen Phillips

UNIT\_NME: Turkey Point Unit 3 PREPARER TELEPHONE: 305246-7106

RPT\_PERIOD: 201109

Design Electrical Rating: 720
 Maximum Dependable Capacity (MWe-Net) 693

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,398.88	263,706.95
4. Number of Hours Generator On-line	720.00	6,359.93	260,709.44
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	503,625.65	4,508,718.71	172,896,573.41

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 3 operated at approximately 100% power for the month of September

DOCKET: PREPARER NAME: 251

Colleen Phillips UNIT\_NME: Turkey Point Unit 4 PREPARER TELEPHONE: 305246-7106

RPT\_PERIOD: 201107

1. Design Electrical Rating: 720 2. Maximum Dependable Capacity (MWe-Net) 693

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,753.37	258,403.21
4. Number of Hours Generator On-line	744.00	3,725.27	253,452.28
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	521,864.57	2,622,232.94	169,545,627.77

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 4 operated at approximately 100% power for the month of July

DOCKET: 251 PREPARER NAME:

Colleen Phillips Turkey Point Unit 4 UNIT\_NME: PREPARER TELEPHONE: 305246-7106

RPT\_PERIOD: 201108

1. Design Electrical Rating: 720 2. Maximum Dependable Capacity (MWe-Net) 693

Yr-to-Date **This Month** Cumulative 3. Number of Hours the Reactor was Critical 744.00 4,497.37 259,147.21 4. Number of Hours Generator On-line 744.00 4,469.27 254,196.28 5. Reserve Shutdown Hours 0.00 0.00 577.20

6. Net Electrical energy Generated (MWHrs) 170,067,926.67 522,298.90 3,144,531.84

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 4 operated at approximately 100% power for the month of August

DOCKET: PREPARER NAME: 251

Colleen Phillips UNIT\_NME: Turkey Point Unit 4 PREPARER TELEPHONE: 305246-7106

RPT\_PERIOD: 201109

1. Design Electrical Rating: 720 2. Maximum Dependable Capacity (MWe-Net) 693

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,217.37	259,867.21
4. Number of Hours Generator On-line	720.00	5,189.27	254,916.28
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	506,302.56	3,650,834.40	170,574,229.23

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 4 operated at approximately 100% power for the month of September

DOCKET: 271 PREPARER NAME: Anthony L. Stevens

UNIT\_NME: Vermont Yankee Unit 1 PREPARER TELEPHONE: (802) 451-3176

RPT\_PERIOD: 201107

Design Electrical Rating: 617
 Maximum Dependable Capacity (MWe-Net) 605

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 294,736.12

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 290,868.58

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 444,887.00 3,139,781.00 146,602,631.00

#### **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY	Date	Activity	Losses in	MWe (S) or (F)
	07/03/11	Circ water chlorination	87	(S)
	07/08/11	Rod pull and Circ water chlorination	272	(S)
	07/10/11	Circ water chlorination	73	(S)
	07/18/11	- Sequence exchange and associated passes	4639	(S)
	07/24/11	Circ water chlorination	194	(S)
	07/28/11	Circ water chlorination	20	(S)

Sub-Total: Planned Losses (Scheduled): 5285.0 Sub-Total: Unplanned Losses (Forced): 0.0 Total All Losses (Scheduled and Forced): 5285.0

DOCKET: 271 PREPARER NAME: Anthony L. Stevens

UNIT\_NME: Vermont Yankee Unit 1 PREPARER TELEPHONE: (802) 451-3176

RPT\_PERIOD: 201108

Design Electrical Rating: 617
 Maximum Dependable Capacity (MWe-Net) 605

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	295,480.12
4. Number of Hours Generator On-line	744.00	5,831.00	291,612.58
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 443,465.00 3,583,246.00 147,046,096.00

## **UNIT SHUTDOWNS**

Type				Method of		
		F: Forced	Duration		Shutting	<b>Cause - Corrective Action</b>
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY	Date	Activity	Losses in MWe (S) or (F)		
	08/05/11	Rod pattern adjustment	1092	S	
	08/07/11	Second pass	326	S	
	08/10/11 -	Feed Reg Valve B locked up	30	F	
	08/21/11	•			
	08/14/11	Circ water chlorination	74	S	
	08/23/11- 08/24/11	Rod pattern adjustment and associate passes with Feed Reg Valve PMT	ed 4906	S	

Sub-Total: Planned Losses (Scheduled): 6398 Sub-Total: Unplanned Losses (Forced): 30 Total All Losses (Scheduled and Forced): 6428

DOCKET: 271 PREPARER NAME: Anthony L. Stevens

UNIT\_NME: Vermont Yankee Unit 1 PREPARER TELEPHONE: (802) 451-3176

RPT\_PERIOD: 201109

Design Electrical Rating: 617
 Maximum Dependable Capacity (MWe-Net) 605

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,551.00
 296,200.12

 4. Number of Hours Generator On-line
 720.00
 6,551.00
 292,332.58

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 384,378.00 3,967,624.00 147,430,474.00

#### **UNIT SHUTDOWNS**

Туре			Method of			
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Date Activity Losses in MWe (S) or (F)

09/03/11 RRU-7 SW flow low OOS; 24-Hr SD LCO 245 F 09/04/11 Maintain Condenser Backpressure 59 S

09/25/11- 'B' Recirculation Pump MG set tripped 43528 F < 10 Days

09/30/11

Sub-Total: Planned Losses (Scheduled): 59 Sub-Total: Unplanned Losses (Forced): 43773 Total All Losses (Scheduled and Forced): 43832

DOCKET: 424 PREPARER NAME: Doug Holt UNIT\_NME: Vogtle Unit 1 PREPARER TELEPHONE: 706-826-3467

RPT\_PERIOD: 201107

Design Electrical Rating: 1169
 Maximum Dependable Capacity (MWe-Net) 1150

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,394.30	192,471.73
4. Number of Hours Generator On-line	744.00	4,330.13	190,459.96
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 860,745.00 4,981,624.00 215,924,600.50

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 1 was at maximum operating power during the month of July.

DOCKET: 424 PREPARER NAME: Doug Holt

UNIT\_NME: Vogtle Unit 1 PREPARER TELEPHONE: 706-826-3467 RPT\_PERIOD: 201108

Design Electrical Rating: 1169
 Maximum Dependable Capacity (MWe-Net) 1150

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 729.10
 5,123.40
 193,200.83

 4. Number of Hours Generator On-line
 729.10
 5,059.23
 191,189.06

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 840,649.00 5,822,273.00 216,765,249.50

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2011 03	8/31/2011	F	14.90	В	3	Auto Reactor Trip ALB09B02 STM GEN 2 HI-HI LEVEL TURBINE TRIP

SUMMARY Through August 31 at 09:06, Unit 1 was at maximum operating power with no significant operating problems. On August 31 at 09:06, Unit 1 experienced a turbine trip / reactor trip due to a steam generator high-high water level condition during Main Feedwater Regulating Valve (MFRV) instrumentation replacement.

DOCKET: 424 PREPARER NAME: Doug Holt

UNIT\_NME: Vogtle Unit 1 PREPARER TELEPHONE: 706-826-3467

RPT\_PERIOD: 201109

Design Electrical Rating: 1169
 Maximum Dependable Capacity (MWe-Net) 1150

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	701.52	5,824.92	193,902.35
4. Number of Hours Generator On-line	687.35	5,746.58	191,876.41
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 789,019.00 6,611,292.00 217,554,268.50

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2011 03	8/31/2011	F	32.65	В	4	Auto Reactor Trip ALB09B02 STM GEN 2 HI-HI LEVEL TURBINE TRIP

SUMMARY Through September 2 at 08:39, Unit 1 remained shutdown following the August 31 turbine trip / reactor trip. On September 2 at 08:39, Unit 1 began to ramp up to full power. On September 3 at 10:31, Unit 1 reached maximum operating power and remained there until September 25 at 01:45. On September 25 at 01:45, Unit 1 began to lower reactor power to approximately 98% while performing turbine control valve testing. On September 25 at 02:43, Unit 1 had returned to maximum operating power and remained there through the end of the month.

DOCKET: 425 PREPARER NAME: Doug Holt UNIT\_NME: Vogtle Unit 2 PREPARER TELEPHONE: 706-826-3467

RPT\_PERIOD: 201107

Design Electrical Rating: 1169
 Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	177,601.13
4. Number of Hours Generator On-line	744.00	5,087.00	176,338.92
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 859,220.00 5,971,976.00 200,546,050.50

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Unit 2 was at maximum operating power during the month of July.

DOCKET: 425 PREPARER NAME: Doug Holt

UNIT\_NME: Vogtle Unit 2 PREPARER TELEPHONE: 706-826-3467 RPT\_PERIOD: 201108

Design Electrical Rating:
 1169

Maximum Dependable Capacity (MWe-Net)
 This Month Yr-to-Date Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,831.00
 178,345.13

 4. Number of Hours Generator On-line
 744.00
 5,831.00
 177,082.92

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 856,299.00 6,828,275.00 201,402,349.50

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY Through August 23 at 16:42, Unit 2 was at maximum operating power with no significant operating problems. On August 23 at 16:42 Unit 2 began a coastdown to refueling outage 2R15.

DOCKET: 425 PREPARER NAME: Doug Holt

UNIT\_NME: Vogtle Unit 2 PREPARER TELEPHONE: 706-826-3467 RPT\_PERIOD: 201109

Design Electrical Rating: 1169
 Maximum Dependable Capacity (MWe-Net) 1152

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 413.12 6,244.12 178,758.25
4. Number of Hours Generator On-line 413.12 6,244.12 177,496.04
5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 438,812.00 7,267,087.00 201,841,161.50

#### **UNIT SHUTDOWNS**

Type					Method of		
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments	
2011-	9/18/2011	S	306.88	С	1	2R15 Refueling Outage	

SUMMARY Through September 17 at 21:57, Unit 2 continued with the coast down which began on August 23. On September 17 at 21:57 at approximately 90% reactor power Unit 2 operators began to manually shutdown the reactor. On September 18 at 05:07, the Unit 2 reactor was shutdown to begin the 2R15 refueling outage. Unit 2 remained shutdown for the refueling outage through the end of the month.

DOCKET: 382 PREPARER NAME: Jim Pollock

UNIT\_NME: Waterford Unit 3 PREPARER TELEPHONE: (504) 739-6561

RPT\_PERIOD: 201107

Design Electrical Rating: 1173
 Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,244.80	198,920.07
4. Number of Hours Generator On-line	744.00	4,204.11	197,318.58
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 866,744.00 4,635,101.00 215,761,767.00

## **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at an average reactor power level of 99.9% and experienced no shutdowns or significant power reductions during the period.

DOCKET: 382 PREPARER NAME: Jim Pollock

Waterford Unit 3 UNIT\_NME: PREPARER TELEPHONE: (504) 739-6561 RPT\_PERIOD:

1. Design Electrical Rating: 1173

201108

2. Maximum Dependable Capacity (MWe-Net)

Yr-to-Date **This Month** Cumulative 3. Number of Hours the Reactor was Critical 744.00 4,988.80 199,664.07 4. Number of Hours Generator On-line 744.00 4,948.11 198,062.58

1152

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 859,437.00 5,494,538.00 216,621,204.00

#### **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at an average reactor power level of 99.8% and experienced no shutdowns or significant power reductions during the period.

DOCKET: 382 PREPARER NAME: Jim Pollock

UNIT\_NME: Waterford Unit 3 PREPARER TELEPHONE: (504) 739-6561

RPT\_PERIOD: 201109

Design Electrical Rating: 1173
 Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,708.80	200,384.07
4. Number of Hours Generator On-line	720.00	5,668.11	198,782.58
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 839,953.00 6,334,491.00 217,461,157.00

## **UNIT SHUTDOWNS**

	Туре			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at an average reactor power level of 99.9% and experienced no shutdowns or significant power reductions during the period.

DOCKET: 390 PREPARER NAME: M. G. Long

UNIT\_NME: Watts Bar Unit 1 PREPARER TELEPHONE: 423-365-1434

RPT\_PERIOD: 201107

Design Electrical Rating: 1155
 Maximum Dependable Capacity (MWe-Net) 1123

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,957.13	120,200.42
4. Number of Hours Generator On-line	744.00	3,875.82	119,559.72
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 833,360.00 4,259,999.00 133,783,991.08

# **UNIT SHUTDOWNS**

	Type			Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY

DOCKET: 390 PREPARER NAME: M. G. Long

UNIT\_NME: Watts Bar Unit 1 PREPARER TELEPHONE: 423-365-1434

RPT\_PERIOD: 201108

1. Design Electrical Rating: 1155 2. Maximum Dependable Capacity (MWe-Net) 1123

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,701.13	120,944.42
4. Number of Hours Generator On-line	744.00	4,619.82	120,303.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	824,327.00	5,084,326.00	134,608,318.08

#### **UNIT SHUTDOWNS**

	Туре				Method of		
		F: Forced	Duration		Shutting	Cause - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

#### SUMMARY Unplanned Losses:

08/13/11 - Downpower to ~88% due to Bearing # 11 vibration 08/27/11 - Runback to ~71% due to over-filling MFP 1B oil tank and subsequent oil spraying from its seals necessitating an unplanned shut down of MFP 1B iaw AOI-16 and associated plant runback

DOCKET: 390 PREPARER NAME: M. G. Long

UNIT\_NME: Watts Bar Unit 1 PREPARER TELEPHONE: 423-365-1434

RPT\_PERIOD: 201109

Design Electrical Rating: 1155
 Maximum Dependable Capacity (MWe-Net) 1123

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,421.13	121,664.42
4. Number of Hours Generator On-line	720.00	5,339.82	121,023.72
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 819,858.00 5,904,184.00 135,428,176.08

# **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY

DOCKET: 482 PREPARER NAME: D. M. Hooper

UNIT\_NME: Wolf Creek Unit 1 PREPARER TELEPHONE: 620 364-4041

RPT\_PERIOD: 201107

Design Electrical Rating: 1223
 Maximum Dependable Capacity (MWe-Net) 1195

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	2,724.38	196,648.01
4. Number of Hours Generator On-line	744.00	2,660.17	195,057.75
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	773,763.00	2,959,852.00	223,444,245.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated at mode 1 and was at 60% power from July 1, 2011 through July 6, 2011 for 'B' Main Feed Pump issues. A power reduction to 46% power was completed on July 6, 2011 to place the 'B' Main Feed Pump in service. The unit commenced power increase on July 7, 2011 and returned to 100% power on July 8, 2011. The unit continued to operate at 100% power from July 8, 2011 until July 31, 2011.

DOCKET: 482 PREPARER NAME: D. M. Hooper

UNIT\_NME: Wolf Creek Unit 1 PREPARER TELEPHONE: 620 364-4041

RPT\_PERIOD: 201108

1. Design Electrical Rating: 1223 2. Maximum Dependable Capacity (MWe-Net) 1195

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,468.38	197,392.01
4. Number of Hours Generator On-line	744.00	3,404.17	195,801.75
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	873,223.00	3,833,075.00	224,317,468.00

#### **UNIT SHUTDOWNS**

		Type			Method of		
		F: Forced	<b>Duration</b>		Shutting	<b>Cause - Corrective Action</b>	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments	

SUMMARY The unit operated at 100% power from August 1, 2011 until August 11, 2011 when high particulates in the Turbine Driven Aux Feedwater Pump turbine oil caused PAL02 TDAFW pump to be removed from service. On August 14, 2011 the NRC granted an NOED for TS 3.7.5 C1 and C.2. A unit downpower was commenced on August 15, 2011. The unit power reduction was secured at 81% with operability being declared on the TDAFW pump and the acceptability of the Turbine Driven Aux Feedwater Pump turbine oil. The unit was then returned to 100% power and continued to operate at 100% power from August 15, 2011 through August 27, 2011 when a level transmitter failed causing the 'A' Heater Drain Tank discharge valve to close. Unit power was reduced to 95% to replace the level transmitter. The unit was then returned to 100% power and continued to operate in Mode 1 from August 27, 2011 through August 31, 2011.

DOCKET: 482 PREPARER NAME: D. M. Hooper

UNIT\_NME: Wolf Creek Unit 1 PREPARER TELEPHONE: 620 364-4041

RPT\_PERIOD: 201109

Design Electrical Rating: 1223
 Maximum Dependable Capacity (MWe-Net) 1195

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	720.00	4,188.38	198,112.01	
4. Number of Hours Generator On-line	720.00	4,124.17	196,521.75	
5. Reserve Shutdown Hours	0.00	0.00	339.80	

6. Net Electrical energy Generated (MWHrs) 861,524.00 4,694,599.00 225,178,992.00

## **UNIT SHUTDOWNS**

		Type			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments

SUMMARY The unit operated in Mode 1, at or near 100% power from September 1, 2011 until September 30, 2011.