

# OPERATING DATA REPORT

DOCKET: 313  
UNIT\_NME: ANO Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Michael K. Hall  
PREPARER TELEPHONE: 479-858-4438

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	300,569.38
4. Number of Hours Generator On-line	744.00	5,111.00	297,336.91
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	621,535.00	4,327,938.00	235,917,635.24

## UNIT SHUTDOWNS

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

SUMMARY The Unit operated the month of July at, or near full power.

# OPERATING DATA REPORT

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 479-858-4438

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,855.00	301,313.38
4. Number of Hours Generator On-line	744.00	5,855.00	298,080.91
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	622,295.00	4,950,233.00	236,539,930.24

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The Unit operated the month of August at, or near full power.

# OPERATING DATA REPORT

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 479-858-4438

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	552.12	6,407.12	301,865.50
4. Number of Hours Generator On-line	552.12	6,407.12	298,633.03
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	425,416.00	5,375,649.00	236,965,346.24

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
1R26	9/24/2016		S	167.88	C		1	

**SUMMARY** The Unit began the month of September at, or near full power. On September 5, 2016 the Unit commenced power reduction due to fuel coast down into 1R26 Refueling Outage. On September 24, 2016 the Unit was taken offline for the 1R26 Refueling Outage and remained offline for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 368  
UNIT\_NME: ANO Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: Michael K. Hall  
PREPARER TELEPHONE: 479-858-4438

1. Design Electrical Rating:	1032		
2. Maximum Dependable Capacity (MWe-Net)	988		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,910.60	271,178.19
4. Number of Hours Generator On-line	744.00	4,883.13	268,336.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	735,935.00	4,829,272.00	244,307,920.00

## UNIT SHUTDOWNS

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

SUMMARY The Unit operated the month of July at, or near full power.

# OPERATING DATA REPORT

DOCKET: 368  
UNIT\_NME: ANO Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: Michael K. Hall  
PREPARER TELEPHONE: 479-858-4438

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,654.60	271,922.19
4. Number of Hours Generator On-line	744.00	5,627.13	269,080.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	737,356.00	5,566,628.00	245,045,276.00

## UNIT SHUTDOWNS

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

SUMMARY The Unit operated the month of August at, or near full power.

# OPERATING DATA REPORT

DOCKET: 368  
 UNIT\_NME: ANO Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 479-858-4438

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	657.52	6,312.12	272,579.71
4. Number of Hours Generator On-line	657.52	6,284.65	269,738.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	653,392.00	6,220,020.00	245,698,668.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2F16-03	9/28/2016		S	62.48	D	1	Technical Specification required shutdown to repair red train Emergency Diesel Generator.

**SUMMARY** The Unit began the month of September at, or near full power. On September 28, 2016 the Unit was taken offline for repairs to the red train Emergency Diesel Generator and remained offline for the remainder of the month of September.

# OPERATING DATA REPORT

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating:	963		
2. Maximum Dependable Capacity (MWe-Net)	908		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	270,748.10
4. Number of Hours Generator On-line	744.00	5,111.00	267,853.01
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	676,971.10	4,758,644.70	215,374,041.60

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY BVPS-1 operated at a nominal value of 100% power for the entire month with exception of a seasonal derate to approximately 97% power due to high hotwell temperature conditions on 7/25/16. This small power reduction is not included as a loss per INPO Clarifying Note.

# OPERATING DATA REPORT

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating: 963  
 2. Maximum Dependable Capacity (MWe-Net) 908

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,855.00	271,492.10
4. Number of Hours Generator On-line	744.00	5,855.00	268,597.01
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	673,389.20	5,432,033.90	216,047,430.80

## UNIT SHUTDOWNS

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

SUMMARY BVPS-1 operated at a nominal value of 100% for the entire month of August 2016 except as follows:  
 ??? Reduced output to approximately 98% on 8/11/16 due to high hotwell temperature conditions (seasonal derate beyond management control).  
 ??? Reduced output to approximately 99% on 8/12/16 due to high hotwell temperature conditions (seasonal derate beyond management control).  
 ??? Reduced output to approximately 95% on 8/13/16 due to high hotwell temperature conditions (seasonal derate beyond management control).  
 ??? Reduced output to approximately 97% on 8/16/16 due to high hotwell temperature conditions (seasonal derate beyond management control).  
 ??? Reduced output to approximately 99% on 8/25/16 due to high hotwell temperature conditions (seasonal derate beyond management control).  
 ??? The Unit began its end of cycle fuel coastdown on 8/28/16 (planned / exempt reduction in power).



# OPERATING DATA REPORT

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating: 963  
 2. Maximum Dependable Capacity (MWe-Net) 908

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	552.30	6,407.30	272,044.40
4. Number of Hours Generator On-line	552.02	6,407.02	269,149.03
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	419,303.00	5,851,336.90	216,466,733.80

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
1	9/24/2016		S	167.98	C	1		Shutdown for 24th refueling outage on 9/24/16.

**SUMMARY**

- BVPS-1 began the month in an end of cycle fuel coastdown with output at approximately 98.5%.
- Reduced output to approximately 42% power on 9/14/16 to repair an upper motor bearing leak on the the 1A Condensate Pump. Output was returned to a maximum capable power on 9/17/16.
- Reduced output to approximately 45% power on 9/23/16 in order to perform planned Main Steam Safety Valve testing prior to beginning the 24th refueling outage (1R24).
- The Unit began to shutdown on 9/23/16 going off-line at 0001 hours on 9/24/16.
- Mode 3 was entered at 0018 hours on 9/24/16 as the reactor was no longer critical.
- The Unit was cooled to cold shutdown and Mode 5 was entered at 0517 hours on 9/24/16.

# OPERATING DATA REPORT

DOCKET: 412  
UNIT\_NME: Beaver Valley Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: David T. Jones  
PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating: 960  
2. Maximum Dependable Capacity (MWe-Net) 905

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,915.18	220,385.40
4. Number of Hours Generator On-line	744.00	4,906.33	219,381.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	668,516.60	4,489,273.20	181,980,946.70

## UNIT SHUTDOWNS

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

SUMMARY BVPS-2 operated at a nominal value of 100% power for the entire month with the exception of a planned reduction to approximately 82% power on 7/9/16 for 43.3 hours in order to repair Main Unit Condenser tube leaks.

# OPERATING DATA REPORT

DOCKET: 412  
UNIT\_NME: Beaver Valley Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: David T. Jones  
PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating: 960  
2. Maximum Dependable Capacity (MWe-Net) 905

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,659.18	221,129.40
4. Number of Hours Generator On-line	744.00	5,650.33	220,125.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	673,912.80	5,163,186.00	182,654,859.50

## UNIT SHUTDOWNS

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

SUMMARY BVPS-2 operated at a nominal value of 100% for the entire month.

# OPERATING DATA REPORT

DOCKET: 412  
 UNIT\_NME: Beaver Valley Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating: 960  
 2. Maximum Dependable Capacity (MWe-Net) 905

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,379.18	221,849.40
4. Number of Hours Generator On-line	720.00	6,370.33	220,845.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	652,705.00	5,815,891.00	183,307,564.50

## UNIT SHUTDOWNS

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

SUMMARY BVPS-2 operated at a nominal value of 100% for the entire month of September 2016 except as follows:  
 -Reduced output to approximately 97% power for planned Turbine Valve Testing on 9/10/16.  
 -Later on 9/10/16, reduced output from 97% to approximately 72% power in order to repair Turbine Throttle Valve [TV-2]. The Unit was returned to full power on 9/11/16.

# OPERATING DATA REPORT

DOCKET: 456  
 UNIT\_NME: Braidwood Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-417-2478

1. Design Electrical Rating:	1268		
2. Maximum Dependable Capacity (MWe-Net)	1166		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	220,408.31
4. Number of Hours Generator On-line	744.00	5,111.00	219,294.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	885,486.00	6,130,947.00	247,814,488.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated at full power except for a 13C FW Htr Emg drain valve issue 7/19 (unplanned 56 MWh loss), a CD Pp oil cooler leak 7/26 (unplanned 44.2 MWh loss), Load following on 7/10-12 (3,347 MWh loss, Not Planned/Not Unplanned).

# OPERATING DATA REPORT

DOCKET: 456  
UNIT\_NME: Braidwood Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: David Johnson  
PREPARER TELEPHONE: 815-417-2478

1. Design Electrical Rating:	1268		
2. Maximum Dependable Capacity (MWe-Net)	1166		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	221,152.31
4. Number of Hours Generator On-line	744.00	5,855.00	220,038.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	887,652.00	7,018,599.00	248,702,140.00

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power for the entire month.

# OPERATING DATA REPORT

DOCKET: 456  
 UNIT\_NME: Braidwood Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-417-2478

1. Design Electrical Rating: 1268  
 2. Maximum Dependable Capacity (MWe-Net) 1166

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	600.00	6,455.00	221,752.31
4. Number of Hours Generator On-line	600.00	6,455.00	220,638.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	680,375.00	7,698,974.00	249,382,515.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
A1R19	9/26/2016		S	120.00	C	1		Unit 1 shutdown for planned refueling outage.

SUMMARY The unit operated at full power until it entered a planned refuel outage.

# OPERATING DATA REPORT

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-417-2478

1. Design Electrical Rating:	1241		
2. Maximum Dependable Capacity (MWe-Net)	1144		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	224,192.94
4. Number of Hours Generator On-line	744.00	5,111.00	223,300.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	839,561.00	5,926,466.00	249,342,694.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated at full power the entire month except for economic load following (7/1 -117 MWh, 7/1-4 15,594 MWh, 7/10 - 1,848 MWh).



# OPERATING DATA REPORT

DOCKET: 457  
UNIT\_NME: Braidwood Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: David Johnson  
PREPARER TELEPHONE: 815-417-2478

1. Design Electrical Rating:	1241		
2. Maximum Dependable Capacity (MWe-Net)	1144		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	224,936.94
4. Number of Hours Generator On-line	744.00	5,855.00	224,044.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	856,027.00	6,782,493.00	250,198,721.00

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power for the entire month.

# OPERATING DATA REPORT

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-417-2478

1. Design Electrical Rating:	1241		
2. Maximum Dependable Capacity (MWe-Net)	1144		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	225,656.94
4. Number of Hours Generator On-line	720.00	6,575.00	224,764.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	837,667.00	7,620,160.00	251,036,388.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated at full power for the entire month.

# OPERATING DATA REPORT

DOCKET: 259  
 UNIT\_NME: Browns Ferry Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1101		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	609.45	4,976.45	134,385.45
4. Number of Hours Generator On-line	608.00	4,955.33	132,380.06
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	634,650.00	5,488,083.30	133,712,803.01

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
01	7/26/2016	S	136.00	A	1	Maintenance Outage for HPCI Isolation Valve Failure

SUMMARY

# OPERATING DATA REPORT

DOCKET: 259  
 UNIT\_NME: Browns Ferry Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1101		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,720.45	135,129.45
4. Number of Hours Generator On-line	730.87	5,686.20	133,110.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	718,577.30	6,206,660.60	134,431,380.31

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
01	7/26/2016	S	13.13	A	4	Maintenance Outage for HPCI Isolation Valve Failure

SUMMARY

# OPERATING DATA REPORT

DOCKET: 259  
UNIT\_NME: Browns Ferry Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Amanda Ledford  
PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1101		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,440.45	135,849.45
4. Number of Hours Generator On-line	720.00	6,406.20	133,830.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	618,633.70	6,825,294.30	135,050,014.01

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 260  
UNIT\_NME: Browns Ferry Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: Amanda Ledford  
PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1104		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	258,607.91
4. Number of Hours Generator On-line	744.00	5,111.00	255,277.03
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	788,287.00	5,652,278.30	264,048,295.71

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 260  
UNIT\_NME: Browns Ferry Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: Amanda Ledford  
PREPARER TELEPHONE: 729-7614

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1104		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	259,351.91
4. Number of Hours Generator On-line	744.00	5,855.00	256,021.03
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	784,926.30	6,437,204.60	264,833,222.01

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 260  
UNIT\_NME: Browns Ferry Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: Amanda Ledford  
PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1104		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	260,071.91
4. Number of Hours Generator On-line	720.00	6,575.00	256,741.03
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	766,169.70	7,203,374.30	265,599,391.71

## UNIT SHUTDOWNS

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

SUMMARY



# OPERATING DATA REPORT

DOCKET: 296  
UNIT\_NME: Browns Ferry Unit 3  
RPT\_PERIOD: 201607

PREPARER NAME: Amanda Ledford  
PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1105		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,255.47	214,514.26
4. Number of Hours Generator On-line	744.00	4,233.29	212,414.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	800,999.00	4,248,983.30	223,344,335.44

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 296  
UNIT\_NME: Browns Ferry Unit 3  
RPT\_PERIOD: 201608

PREPARER NAME: Amanda Ledford  
PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1105		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,999.47	215,258.26
4. Number of Hours Generator On-line	744.00	4,977.29	213,158.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	803,254.30	5,052,237.60	224,147,589.74

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 296  
UNIT\_NME: Browns Ferry Unit 3  
RPT\_PERIOD: 201609

PREPARER NAME: Amanda Ledford  
PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1105		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,719.47	215,978.26
4. Number of Hours Generator On-line	720.00	5,697.29	213,878.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	781,273.70	5,833,511.30	224,928,863.44

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 325  
UNIT\_NME: Brunswick Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Chris Butler  
PREPARER TELEPHONE: 910-457-3006

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,349.20	270,256.84
4. Number of Hours Generator On-line	744.00	4,285.23	264,947.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	704,133.00	3,896,180.00	217,600,599.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 325  
UNIT\_NME: Brunswick Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Chris Butler  
PREPARER TELEPHONE: 910-457-3006

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,093.20	271,000.84
4. Number of Hours Generator On-line	744.00	5,029.23	265,691.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	696,646.00	4,592,826.00	218,297,245.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 325  
UNIT\_NME: Brunswick Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Chris Butler  
PREPARER TELEPHONE: 910-457-3006

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,813.20	271,720.84
4. Number of Hours Generator On-line	720.00	5,749.23	266,411.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	681,761.00	5,274,587.00	218,979,006.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 324  
UNIT\_NME: Brunswick Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: Chris Butler  
PREPARER TELEPHONE: 910-457-3006

1. Design Electrical Rating: 980  
2. Maximum Dependable Capacity (MWe-Net) 932

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	279,785.14
4. Number of Hours Generator On-line	744.00	5,111.00	272,704.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	678,410.00	4,730,940.00	215,884,711.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 324  
UNIT\_NME: Brunswick Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: Chris Butler  
PREPARER TELEPHONE: 910-457-3006

1. Design Electrical Rating: 980  
2. Maximum Dependable Capacity (MWe-Net) 932

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	280,529.14
4. Number of Hours Generator On-line	744.00	5,855.00	273,448.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	680,786.00	5,411,726.00	216,565,497.00

## UNIT SHUTDOWNS

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

SUMMARY



# OPERATING DATA REPORT

DOCKET: 324  
UNIT\_NME: Brunswick Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: Chris Butler  
PREPARER TELEPHONE: 910-457-3006

1. Design Electrical Rating: 980  
2. Maximum Dependable Capacity (MWe-Net) 932

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	281,249.14
4. Number of Hours Generator On-line	720.00	6,575.00	274,168.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	655,969.00	6,067,695.00	217,221,466.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201607

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

1. Design Electrical Rating: 1213  
 2. Maximum Dependable Capacity (MWe-Net) 1157

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,111.00	242,306.11
4. Number of Hours Generator On-line	744.00	5,111.00	241,081.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	871,953.00	6,060,839.00	265,701,995.00

## UNIT SHUTDOWNS

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

SUMMARY Unit on line the entire month.

# OPERATING DATA REPORT

DOCKET: 454  
UNIT\_NME: Byron Unit 1  
RPT\_PERIOD: 201608

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

1. Design Electrical Rating: 1213  
2. Maximum Dependable Capacity (MWe-Net) 1157

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	243,050.11
4. Number of Hours Generator On-line	744.00	5,855.00	241,825.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	857,313.00	6,918,152.00	266,559,308.00

## UNIT SHUTDOWNS

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

SUMMARY Unit on line the entire month

# OPERATING DATA REPORT

DOCKET: 454  
UNIT\_NME: Byron Unit 1  
RPT\_PERIOD: 201609

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

1. Design Electrical Rating: 1213  
2. Maximum Dependable Capacity (MWe-Net) 1157

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	243,770.11
4. Number of Hours Generator On-line	720.00	6,575.00	242,545.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	826,827.00	7,744,979.00	267,386,135.00

## UNIT SHUTDOWNS

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

SUMMARY Unit on line entire month

# OPERATING DATA REPORT

DOCKET: 455  
UNIT\_NME: Byron Unit 2  
RPT\_PERIOD: 201607

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

1. Design Electrical Rating:	1186.4		
2. Maximum Dependable Capacity (MWe-Net)	1127		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,419.67	234,962.38
4. Number of Hours Generator On-line	744.00	4,408.75	233,914.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	852,982.00	5,045,663.00	255,527,951.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit on line the entire month.

# OPERATING DATA REPORT

DOCKET: 455  
UNIT\_NME: Byron Unit 2  
RPT\_PERIOD: 201608

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

1. Design Electrical Rating:	1186.4		
2. Maximum Dependable Capacity (MWe-Net)	1127		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,163.67	235,706.38
4. Number of Hours Generator On-line	744.00	5,152.75	234,658.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	853,987.00	5,899,650.00	256,381,938.00

## UNIT SHUTDOWNS

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

SUMMARY Unit on line the entire month.

# OPERATING DATA REPORT

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201609

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

1. Design Electrical Rating:	1186.4		
2. Maximum Dependable Capacity (MWe-Net)	1127		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,883.67	236,426.38
4. Number of Hours Generator On-line	720.00	5,872.75	235,378.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	832,005.00	6,731,655.00	257,213,943.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit on line the entire month.

# OPERATING DATA REPORT

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: J. P. Kovar  
 PREPARER TELEPHONE: 314-225-1478

1. Design Electrical Rating:	1228		
2. Maximum Dependable Capacity (MWe-Net)	1190		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,216.13	248,241.65
4. Number of Hours Generator On-line	744.00	4,186.55	245,591.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	888,509.00	4,990,729.00	280,486,571.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Between 0510 and 2107 on 07/16/2016, Callaway Plant power was reduced to 89% in order to repair a low pressure heater train isolation valve. Callaway Plant operated at essentially 100% power for the remainder of the month of July 2016.



# OPERATING DATA REPORT

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: J. P. Kovar  
 PREPARER TELEPHONE: 314-225-1478

1. Design Electrical Rating:	1228		
2. Maximum Dependable Capacity (MWe-Net)	1190		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,960.13	248,985.65
4. Number of Hours Generator On-line	744.00	4,930.55	246,335.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	893,110.00	5,883,839.00	281,379,681.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Callaway Plant operated at essentially 100% power during the month of August 2016.

# OPERATING DATA REPORT

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: J. P. Kovar  
 PREPARER TELEPHONE: 314-225-1478

1. Design Electrical Rating:	1228		
2. Maximum Dependable Capacity (MWe-Net)	1190		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,680.13	249,705.65
4. Number of Hours Generator On-line	720.00	5,650.55	247,055.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	848,468.00	6,732,307.00	282,228,149.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** At 1926 on 09/26/2016, Callaway Plant reduced power to approximately 62% in order to troubleshoot and repair train A digital feedwater controls. Following completion of repairs, escalation to 100% power began at 1059 on 09/27/2016, and continued through the end of the month, reaching a power level above 99.9%. Power escalation continued into October 2016. For the remainder of September 2016, Callaway operated at essentially 100% power.

# OPERATING DATA REPORT

DOCKET: 317  
UNIT\_NME: Calvert Cliffs Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Thomas Baummer  
PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 845  
2. Maximum Dependable Capacity (MWe-Net) 866

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,494.10	295,536.70
4. Number of Hours Generator On-line	744.00	4,459.39	291,907.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	650,979.00	3,931,466.00	244,899,976.00

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at 100% power for the entire month.

# OPERATING DATA REPORT

DOCKET: 317  
UNIT\_NME: Calvert Cliffs Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Thomas Baummer  
PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 845  
2. Maximum Dependable Capacity (MWe-Net) 866

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,238.10	296,280.70
4. Number of Hours Generator On-line	744.00	5,203.39	292,651.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	644,969.00	4,576,435.00	245,544,945.00

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at 100% power for the entire month.

# OPERATING DATA REPORT

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	845		
2. Maximum Dependable Capacity (MWe-Net)	866		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,958.10	297,000.70
4. Number of Hours Generator On-line	720.00	5,923.39	293,371.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	630,644.00	5,207,079.00	246,175,589.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit started the month at 100% power.  
 On 9/11/2016 at 0800, power was reduced to 82.7% for Main Turbine Valve Testing. The MWH loss from this downpower is exempt from the ORLF indicator.  
 On 9/11/2016 at 1300, power was restored to 100% following testing.  
 The unit operated at 100% power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 318  
UNIT\_NME: Calvert Cliffs Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: Thomas Baummer  
PREPARER TELEPHONE: 410-495-4535

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	290,293.76
4. Number of Hours Generator On-line	744.00	5,111.00	288,067.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	629,715.00	4,444,070.00	240,850,356.00

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at 99.5% power for the entire month.

# OPERATING DATA REPORT

DOCKET: 318  
UNIT\_NME: Calvert Cliffs Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: Thomas Baummer  
PREPARER TELEPHONE: 410-495-4535

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	291,037.76
4. Number of Hours Generator On-line	744.00	5,855.00	288,811.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	624,021.00	5,068,091.00	241,474,377.00

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at 99.5% power for the entire month.

# OPERATING DATA REPORT

DOCKET: 318  
UNIT\_NME: Calvert Cliffs Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: Thomas Baummer  
PREPARER TELEPHONE: 410-495-4535

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	291,757.76
4. Number of Hours Generator On-line	720.00	6,575.00	289,531.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	610,768.00	5,678,859.00	242,085,145.00

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at 99.5% power for the entire month.



# OPERATING DATA REPORT

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 803-701-3014

1. Design Electrical Rating:	1174		
2. Maximum Dependable Capacity (MWe-Net)	1140		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	236,329.61
4. Number of Hours Generator On-line	744.00	5,111.00	234,027.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	862,652.00	5,945,197.00	263,308,917.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Catawba Unit 1 began and concluded the month of July 2016 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

# OPERATING DATA REPORT

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 803-701-3014

1. Design Electrical Rating:	1174		
2. Maximum Dependable Capacity (MWe-Net)	1140		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	237,073.61
4. Number of Hours Generator On-line	744.00	5,855.00	234,771.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	861,496.00	6,806,693.00	264,170,413.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Catawba Unit 1 began and concluded the month of August 2016 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

# OPERATING DATA REPORT

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 803-701-3014

1. Design Electrical Rating:	1174		
2. Maximum Dependable Capacity (MWe-Net)	1140		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	237,793.61
4. Number of Hours Generator On-line	720.00	6,575.00	235,491.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	834,741.00	7,641,434.00	265,005,154.00

## UNIT SHUTDOWNS

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

**SUMMARY** Catawba Unit 1 began the month of September 2016 operating at or near 100% Full Power. At 2113 on 9/9/16, power reduction from 100% Full Power was commenced to supply Main Steam to Unit 2 in support of 2EOC21 Shutdown. Power reduction was halted at 99% Full Power at 2152 on 9/9/16. At 1251 on 9/10/16 power escalation was commenced from 99% Full Power. 100% Full Power was ultimately reached at 2047 on 9/10/16, and Unit 1 operated at or near 100% Full Power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 803-701-3014

1. Design Electrical Rating:	1180		
2. Maximum Dependable Capacity (MWe-Net)	1150		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	230,443.33
4. Number of Hours Generator On-line	744.00	5,111.00	228,580.85
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	850,699.00	5,901,067.00	257,803,440.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Catawba Unit 2 began and concluded the month of July 2016 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

# OPERATING DATA REPORT

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Wilson, Carrie  
 PREPARER TELEPHONE: 803-701-3014

1. Design Electrical Rating:	1180		
2. Maximum Dependable Capacity (MWe-Net)	1150		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	231,187.33
4. Number of Hours Generator On-line	744.00	5,855.00	229,324.85
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	850,606.00	6,751,673.00	258,654,046.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Catawba Unit 2 began the month of August 2016 operating at or near 100% Full Power.  
 At 2107 on 8/30/16, power reduction from 100% Full Power was commenced per end of cycle (2EOC21) Power Coastdown.  
 Power reduction was halted at 98% Full Power at 0312 on 8/31/16, and Unit 2 concluded the month operating at or near 98% Full Power.

# OPERATING DATA REPORT

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 803-701-3014

1. Design Electrical Rating: 1180  
 2. Maximum Dependable Capacity (MWe-Net) 1150

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	220.18	6,075.18	231,407.51
4. Number of Hours Generator On-line	219.22	6,074.22	229,544.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	234,294.00	6,985,967.00	258,888,340.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					
1	9/10/2016		S	500.78	C	1		2EOC21 Refueling Outage

**SUMMARY** Catawba Unit 2 began the month of September 2016 operating at 98% Full Power. At 1521 on 9/2/16, power reduction from 98% Full Power was commenced in accordance with planned Unit 2 End-of-Cycle 21 Power Coastdown. 2EOC21 Power Coastdown was terminated and power reduction halted at 93% Full Power at 1052 on 9/9/16. Power reduction for 2EOC21 Refueling Outage Unit Shutdown was commenced from 93% Full Power at 2000 on 9/9/16. Power reduction was suspended at 16% Full Power at 0237 on 9/10/16 for performance of Main Turbine Overspeed Trip testing. The Turbine/Generator was taken offline at 0313 on 9/10/16 at 16% Full Power. At 0350 on 9/10/16, following completion of Main Turbine Overspeed Trip testing, power reduction was resumed from 16% Full Power. Mode 2 was entered at 0401 and power reduction was terminated at 0% Full Power at 0407 on 9/10/16. Mode 3 was entered at 0411 on 9/10/16. Mode 4 was entered at 0748, with Mode 5 subsequently entered at 1030 on 9/10/16. Mode 6 was entered at 1212 on 9/13/16. No Mode was entered with completion of Core Unloading at 0738 on 9/17/16. Mode 6 was entered with commencement of Core Reloading at 1913 on 9/27/16.

# OPERATING DATA REPORT

DOCKET: 461  
UNIT\_NME: Clinton Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Jeff Ufert  
PREPARER TELEPHONE: 2179374442

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,864.85	202,573.88
4. Number of Hours Generator On-line	744.00	4,846.77	199,426.29
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	795,270.20	5,079,094.01	193,314,261.44

## UNIT SHUTDOWNS

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

SUMMARY There were no energy losses or power changes greater than 15% for the month of July 2016.

# OPERATING DATA REPORT

DOCKET: 461  
UNIT\_NME: Clinton Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Jeffrey Ufert  
PREPARER TELEPHONE: 217-937-4442

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,608.85	203,317.88
4. Number of Hours Generator On-line	744.00	5,590.77	200,170.29
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	794,151.11	5,873,245.12	194,108,412.55

## UNIT SHUTDOWNS

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

SUMMARY There were no energy losses that meet the criteria for these Performance Indicators for Clinton Power Station for August 2016



# OPERATING DATA REPORT

DOCKET: 461  
UNIT\_NME: Clinton Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Jeff Ufert  
PREPARER TELEPHONE: 217-937-4442

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,328.85	204,037.88
4. Number of Hours Generator On-line	720.00	6,310.77	200,890.29
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	658,191.78	6,531,436.90	194,766,604.33

## UNIT SHUTDOWNS

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

SUMMARY Exempt Energy Losses were due to Sequence Exchange and Valve Testing (>28 Days). 93, 681 MW-hrs were lost in September due to thermal limitations of the lake by the IEPA. These energy losses do not fit into any of the categories listed.

# OPERATING DATA REPORT

DOCKET: 397  
 UNIT\_NME: Columbia Gen Sta Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Darla Johnson  
 PREPARER TELEPHONE: 509-377-4570

1. Design Electrical Rating:	1153		
2. Maximum Dependable Capacity (MWe-Net)	1107		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,063.75	225,577.86
4. Number of Hours Generator On-line	744.00	5,047.87	221,015.36
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	830,056.22	5,689,118.62	228,620,442.73

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Columbia operated at 100% during the month of July except for a downpower to 92% for Bypass Valve and MSIV Testing (Exempt - 2.1.11.b Plant Equipment Testing) and a downpower to 68% for a loss of E-SM-3 (Not Exempt).

# OPERATING DATA REPORT

DOCKET: 397  
 UNIT\_NME: Columbia Gen Sta Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Darla Johnson  
 PREPARER TELEPHONE: 509-377-4570

1. Design Electrical Rating:	1153		
2. Maximum Dependable Capacity (MWe-Net)	1107		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,807.75	226,321.86
4. Number of Hours Generator On-line	744.00	5,791.87	221,759.36
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	822,608.12	6,511,726.74	229,443,050.85

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Columbia operated at 100% during the month of August except for a downpower to 61% due to rising COND-P-2C oil temperature (Not Exempt), a downpower to 92% for bypass valve and MSIV testing (Exempt - 2.1.11.c Plant Equipment Testing), and a downpower to 70% for sequence exchange and turbine valve/MSIV testing (Exempt - 2.1.11a Plant Equipment Testing). During turbine valve testing, 2 valves failed to test automatically; an additional downpower to 61% was initiated to test the valves manually (Not Exempt).

# OPERATING DATA REPORT

DOCKET: 397  
 UNIT\_NME: Columbia Gen Sta Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Darla Johnson  
 PREPARER TELEPHONE: 509-377-4570

1. Design Electrical Rating:	1153		
2. Maximum Dependable Capacity (MWe-Net)	1107		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,527.75	227,041.86
4. Number of Hours Generator On-line	720.00	6,511.87	222,479.36
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	801,131.77	7,312,858.51	230,244,182.62

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Columbia operated at 100% during the month of September except for a downpower to 65% due to Power Suppression Testing (Not Exempt) and a downpower to 92% for Bypass valve and MSIV testing (Exempt - 2.1.11.c Plant Equipment Testing).

# OPERATING DATA REPORT

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: G.D. Lytle  
 PREPARER TELEPHONE: 254-897-5455

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	4,407.00	206,013.01
4. Number of Hours Generator On-line	744.00	4,387.65	204,850.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	903,181.00	5,333,085.00	231,264,405.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 began the month at 100% reactor 1259 MWe turbine power. On 7/14/16 at 11:50, operators performed OPT-206A, routine TDAFWP 1-01 operability testing (SPEL = 5.06 MWh). Unit 1 ended the month at 100% reactor, 1257 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: G.D. Lytle  
 PREPARER TELEPHONE: 254-897-5455

1. Design Electrical Rating:	1218		
2. Maximum Dependable Capacity (MWe-Net)	1205		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,151.00	206,757.01
4. Number of Hours Generator On-line	744.00	5,131.65	205,594.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	902,245.00	6,235,330.00	232,166,650.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 began the month at 100% reactor, 1257 MWe turbine power. Unit 1 ended the month at 100% reactor, 1260 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: G.D. Lytle  
 PREPARER TELEPHONE: 254-897-5455

1. Design Electrical Rating:	1218		
2. Maximum Dependable Capacity (MWe-Net)	1205		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,871.00	207,477.01
4. Number of Hours Generator On-line	720.00	5,851.65	206,314.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	872,342.00	7,107,672.00	233,038,992.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 began the month a 100% reactor, 1260 MWe turbine power. On 9/1/16 at 2155, operators performed OPT-206A, routine TDAFWP 1-01 operability testing (SPEL = 6.13 MWh). Unit 1 ended the month at 100% reactor, 1267 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: G.D. Lytle  
 PREPARER TELEPHONE: 254-897-5455

1. Design Electrical Rating:	1207		
2. Maximum Dependable Capacity (MWe-Net)	1195		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	185,833.75
4. Number of Hours Generator On-line	744.00	5,111.00	185,039.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	897,334.00	6,227,398.00	211,162,092.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 began the month at 100% reactor, 1252 MWe turbine power. On 7/22/16 at 07:52, operators performed ETP-110B, Reactive and Power Capability Load Testing (SPEL = 13.23 MWh). Unit 2 ended the month at 100% reactor, 1250 MWe turbine power.



# OPERATING DATA REPORT

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: G.D. Lytle  
 PREPARER TELEPHONE: 254-897-5455

1. Design Electrical Rating:	1207		
2. Maximum Dependable Capacity (MWe-Net)	1195		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	186,577.75
4. Number of Hours Generator On-line	744.00	5,855.00	185,783.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	896,043.00	7,123,441.00	212,058,135.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 began the month at 100% reactor, 1250 MWe turbine power. On 8/4/16 at 09:49, operators performed OPT-206B, routine TDAFWP 2-01 operability testing (SPEL = 8.46 MWh). Unit 2 ended the month at 100% reactor, 1252 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: G.D. Lytle  
 PREPARER TELEPHONE: 254-897-5455

1. Design Electrical Rating:	1207		
2. Maximum Dependable Capacity (MWe-Net)	1195		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	187,297.75
4. Number of Hours Generator On-line	720.00	6,575.00	186,503.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	868,405.00	7,991,846.00	212,926,540.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 began the month at 100% reactor, 1252 MWe turbine power. On 9/29/16 at 10:07, operators performed OPT-206B, routine TDAFWP 2-01 operability testing (SPEL = 6.65 MWh). Unit 2 ended the month at 100% reactor, 1258 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 315  
UNIT\_NME: Cook Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: K. Kohn  
PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating:	1084		
2. Maximum Dependable Capacity (MWe-Net)	1030		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,263.09	263,926.78
4. Number of Hours Generator On-line	744.00	4,240.67	260,789.85
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	752,622.00	4,452,894.00	252,354,723.40

## UNIT SHUTDOWNS

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

SUMMARY None.

# OPERATING DATA REPORT

DOCKET: 315  
 UNIT\_NME: Cook Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating:	1084		
2. Maximum Dependable Capacity (MWe-Net)	1030		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,007.09	264,670.78
4. Number of Hours Generator On-line	744.00	4,984.67	261,533.85
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	747,681.00	5,200,575.00	253,102,404.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY None.

# OPERATING DATA REPORT

DOCKET: 315  
UNIT\_NME: Cook Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: K. Kohn  
PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating:	1084		
2. Maximum Dependable Capacity (MWe-Net)	1030		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,727.09	265,390.78
4. Number of Hours Generator On-line	720.00	5,704.67	262,253.85
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	741,098.00	5,941,673.00	253,843,502.40

## UNIT SHUTDOWNS

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

SUMMARY Planned TCV testing began on 9/17/16 at 20:00.

# OPERATING DATA REPORT

DOCKET: 316  
 UNIT\_NME: Cook Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating:	1107		
2. Maximum Dependable Capacity (MWe-Net)	1077		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	591.97	4,958.97	249,086.94
4. Number of Hours Generator On-line	582.65	4,949.65	244,663.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	527,769.00	5,411,579.00	251,042,708.60

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
239	7/6/2016	F	161.35	A	2	Rx/Gen trip on 7/6/16 @ 00:38 due to Right MSR bellows failure. Rx critical on 7/12/16 @ 08:40. Gen synch on 7/12/16 17:59.

SUMMARY Rx/Gen trip on 7/6/16 @ 00:38 due to Right MSR bellows failure. Rx critical on 7/12/16 @ 08:40. Gen synch on 7/12/16 17:59. Load dispatch required downpower began on 7/21/16 @ 12:49.

# OPERATING DATA REPORT

DOCKET: 316  
 UNIT\_NME: Cook Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating:	1107		
2. Maximum Dependable Capacity (MWe-Net)	1077		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,702.97	249,830.94
4. Number of Hours Generator On-line	744.00	5,693.65	245,407.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	783,764.00	6,195,343.00	251,826,472.60

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Continuation of downpower required by dispatch to support Dumont transformer failure.

# OPERATING DATA REPORT

DOCKET: 316  
UNIT\_NME: Cook Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: K. Kohn  
PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating:	1107		
2. Maximum Dependable Capacity (MWe-Net)	1077		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,422.97	250,550.94
4. Number of Hours Generator On-line	720.00	6,413.65	246,127.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	779,234.00	6,974,577.00	252,605,706.60

## UNIT SHUTDOWNS

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

SUMMARY None.



# OPERATING DATA REPORT

DOCKET: 298  
UNIT\_NME: Cooper Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Grant Reynolds  
PREPARER TELEPHONE: 402-825-2726

1. Design Electrical Rating:	815		
2. Maximum Dependable Capacity (MWe-Net)	768.88		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	301,504.08
4. Number of Hours Generator On-line	744.00	5,111.00	298,096.27
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	566,586.66	3,981,041.18	211,378,388.56

## UNIT SHUTDOWNS

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

SUMMARY None for this reporting period.

# OPERATING DATA REPORT

DOCKET: 298  
UNIT\_NME: Cooper Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Grant Reynolds  
PREPARER TELEPHONE: 402-825-2726

1. Design Electrical Rating:	815		
2. Maximum Dependable Capacity (MWe-Net)	768.88		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	302,248.08
4. Number of Hours Generator On-line	744.00	5,855.00	298,840.27
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	558,487.66	4,539,528.84	211,936,876.22

## UNIT SHUTDOWNS

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

SUMMARY None for this reporting period.

# OPERATING DATA REPORT

DOCKET: 298  
 UNIT\_NME: Cooper Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Grant Reynolds  
 PREPARER TELEPHONE: 402-825-2726

1. Design Electrical Rating:	815		
2. Maximum Dependable Capacity (MWe-Net)	768.88		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	572.00	6,427.00	302,820.08
4. Number of Hours Generator On-line	572.00	6,427.00	299,412.27
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	386,293.64	4,925,822.48	212,323,169.86

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
16-01	9/24/2016	S	148.00	C	1	None

SUMMARY None for this reporting period.

# OPERATING DATA REPORT

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: G. R. Munyan  
 PREPARER TELEPHONE: 330-436-1394

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	4,014.63	243,461.13
4. Number of Hours Generator On-line	744.00	3,943.46	240,013.03
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	667,664.00	3,361,716.30	204,195,510.40

## UNIT SHUTDOWNS

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

**SUMMARY** On July 30, 2016, a planned downpower to approximately 98% power was conducted to support planned maintenance on a feedwater heater level control valve. The plant remained at approximately 100% power the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: G. R. Munyan  
 PREPARER TELEPHONE: 330-436-1394

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	4,758.63	244,205.13
4. Number of Hours Generator On-line	744.00	4,687.46	240,757.03
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	666,428.00	4,028,144.30	204,861,938.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** On August 11, 2016, a planned downpower to approximately 99.5% power was conducted to support planned maintenance on a temperature transmitter. The plant remained at approximately 100% power the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: G. R. Munyan  
 PREPARER TELEPHONE: 330-436-1394

- 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	470.83	5,229.46	244,675.96
4. Number of Hours Generator On-line	425.23	5,112.69	241,182.26
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	370,218.00	4,398,362.30	205,232,156.40

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
3	9/10/2016	F	S	294.77	A	3		Main Generator Lockout occurred due to water intrusion into control cabinet, resulting in Turbine Trip and Reactor Trip. Following Reactor Trip, a high level in Steam Generator 1 occurred, actuating Steam Feedwater Rupture Control System and initiating Auxiliary Feedwater

**SUMMARY** On September 2, 2016, a planned downpower to approximately 99.5% power was conducted to support maintenance on the Control Rod Drive System. On September 4 a planned downpower to approximately 95% power was conducted to support Control Rod Exercise Testing and Main Turbine Valve Testing. On September 10, 2016, at 0343 hours, a lockout of the Main Generator occurred due to rain water intrusion on the Exciter Cabinet. This resulted in a trip of the Main Turbine and subsequent automatic scram of the Reactor. Following the Reactor scram, the Integrated Control System failed to reduce Feedwater Flow to Steam Generator 1, resulting in a high level trip of Steam Generator 1 and actuation of the Steam Feedwater Rupture Control System and initiation of the Auxiliary Feedwater System. The Reactor was taken critical on September 20, 2016 at 1253 hours, and the Main Generator was synchronized on September 22, 2016 at 1029 hours. Full power operations was attained on September 23, 2016 at 1243 hours. The plant remained at approximately 100% power the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 275  
UNIT\_NME: Diablo Canyon Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Michael Richardson  
PREPARER TELEPHONE: 805-545-4557

1. Design Electrical Rating:	1138		
2. Maximum Dependable Capacity (MWe-Net)	1122		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	244,120.02
4. Number of Hours Generator On-line	744.00	5,111.00	241,988.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	852,418.00	5,856,399.00	259,019,396.00

## UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Unit 1 operated at approximately 100 percent power during the month of July 2016.

# OPERATING DATA REPORT

DOCKET: 275  
UNIT\_NME: Diablo Canyon Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: M. Richardson  
PREPARER TELEPHONE: 805-545-4557

1. Design Electrical Rating:	1138		
2. Maximum Dependable Capacity (MWe-Net)	1122		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	244,864.02
4. Number of Hours Generator On-line	744.00	5,855.00	242,732.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	850,758.00	6,707,157.00	259,870,154.00

## UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Unit 1 operated at approximately 100 percent power for the month of August 2016.



# OPERATING DATA REPORT

DOCKET: 275  
 UNIT\_NME: Diablo Canyon Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Elijah DeVaughn  
 PREPARER TELEPHONE: 805-545-4418

1. Design Electrical Rating:	1138		
2. Maximum Dependable Capacity (MWe-Net)	1122		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	245,584.02
4. Number of Hours Generator On-line	720.00	6,575.00	243,452.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	821,575.00	7,528,732.00	260,691,729.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Diablo Canyon Unit 1 operated at approximately 100 percent power for the month of September 2016.

# OPERATING DATA REPORT

DOCKET: 323  
UNIT\_NME: Diablo Canyon Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: Michael Richardson  
PREPARER TELEPHONE: 805-545-4557

1. Design Electrical Rating:	1151		
2. Maximum Dependable Capacity (MWe-Net)	1118		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,363.49	239,554.45
4. Number of Hours Generator On-line	744.00	4,328.25	237,537.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	845,219.00	4,833,835.00	255,245,963.00

## UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Unit 2 operated at approximately 100 percent power during the month of July 2016.

# OPERATING DATA REPORT

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: M. Richardson  
 PREPARER TELEPHONE: 805-545-4557

1. Design Electrical Rating:	1151		
2. Maximum Dependable Capacity (MWe-Net)	1118		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,107.49	240,298.45
4. Number of Hours Generator On-line	744.00	5,072.25	238,281.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	837,109.00	5,670,944.00	256,083,072.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** On August 4, 2016, Diablo Canyon Unit 2 was ramped below 75 percent power to recover a misaligned rod during rod control testing. Unit 2 otherwise operated at approximately 100 percent power for the month of August 2016.

# OPERATING DATA REPORT

DOCKET: 323  
UNIT\_NME: Diablo Canyon Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: Elijah DeVaughn  
PREPARER TELEPHONE: 805-545-4418

1. Design Electrical Rating:	1151		
2. Maximum Dependable Capacity (MWe-Net)	1118		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,827.49	241,018.45
4. Number of Hours Generator On-line	720.00	5,792.25	239,001.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	812,099.00	6,483,043.00	256,895,171.00

## UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Unit 2 operated at approximately 100 percent power for the month of September 2016.

# OPERATING DATA REPORT

DOCKET: 237  
 UNIT\_NME: Dresden Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Dave Kijowski  
 PREPARER TELEPHONE: 815-416-4227

1. Design Electrical Rating:	894		
2. Maximum Dependable Capacity (MWe-Net)	870		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	328,690.14
4. Number of Hours Generator On-line	744.00	5,111.00	319,278.02
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	677,477.00	4,683,235.00	235,828,446.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY With the exception of short periods for routine maintenance and surveillances, the unit operated at full electrical power for the reporting period.

# OPERATING DATA REPORT

DOCKET: 237  
 UNIT\_NME: Dresden Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Dave Kijowski  
 PREPARER TELEPHONE: 815-416-4227

1. Design Electrical Rating:	894		
2. Maximum Dependable Capacity (MWe-Net)	870		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	329,434.14
4. Number of Hours Generator On-line	744.00	5,855.00	320,022.02
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	673,098.00	5,356,333.00	236,501,544.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** On August 22, at approximately 1900 hours, load was reduced to approximately 37% electrical for a post-maintenance test of a Circulating Water Flow Reversal Valve and a control rod pattern adjustment. On August 23, at approximately 0500 hours, the unit returned to full power operation.

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

# OPERATING DATA REPORT

DOCKET: 237  
UNIT\_NME: Dresden Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: Dave Kijowski  
PREPARER TELEPHONE: 815-416-4227

1. Design Electrical Rating: 894  
2. Maximum Dependable Capacity (MWe-Net) 870

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	330,154.14
4. Number of Hours Generator On-line	720.00	6,575.00	320,742.02
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	663,142.00	6,019,475.00	237,164,686.00

## UNIT SHUTDOWNS

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

**SUMMARY** On September 10, at approximately 0900 hours, load was reduced to approximately 80% electrical for a planned control rod pattern adjustment. On the same day, at approximately 1600 hours, the unit returned to full power operation.

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

# OPERATING DATA REPORT

DOCKET: 249  
 UNIT\_NME: Dresden Unit 3  
 RPT\_PERIOD: 201607

PREPARER NAME: Dave Kijowski  
 PREPARER TELEPHONE: 815-416-4227

1. Design Electrical Rating: 879  
 2. Maximum Dependable Capacity (MWe-Net) 869

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,111.00	316,991.27
4. Number of Hours Generator On-line	744.00	5,111.00	308,398.11
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	673,503.00	4,665,705.00	228,020,958.00

## UNIT SHUTDOWNS

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

**SUMMARY** On July 16, at approximately 2200 hours, load was reduced to approximately 87% electrical for a planned control rod pattern adjustment. On July 17, at approximately 0000 hours, the unit returned to full power operation.

On July 30, at approximately 2200 hours, load was reduced to approximately 89% electrical for a planned control rod pattern adjustment. On July 31, at approximately 0000 hours, the unit returned to full power operation.

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



# OPERATING DATA REPORT

DOCKET: 249  
 UNIT\_NME: Dresden Unit 3  
 RPT\_PERIOD: 201608

PREPARER NAME: Dave Kijowski  
 PREPARER TELEPHONE: 815-416-4227

1. Design Electrical Rating:	879		
2. Maximum Dependable Capacity (MWe-Net)	869		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	317,735.27
4. Number of Hours Generator On-line	744.00	5,855.00	309,142.11
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	655,107.00	5,320,812.00	228,676,065.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** On August 11, at approximately 1300 hours, load began to decrease with core coastdown.

With the exception of short periods for routine maintenance and surveillances, the unit remained in core coastdown for the remainder of the reporting period.

# OPERATING DATA REPORT

DOCKET: 249  
 UNIT\_NME: Dresden Unit 3  
 RPT\_PERIOD: 201609

PREPARER NAME: Dave Kijowski  
 PREPARER TELEPHONE: 815-416-4227

1. Design Electrical Rating: 879  
 2. Maximum Dependable Capacity (MWe-Net) 869

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,575.00	318,455.27
4. Number of Hours Generator On-line	720.00	6,575.00	309,862.11
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	577,103.00	5,897,915.00	229,253,168.00

## UNIT SHUTDOWNS

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

SUMMARY Entering the month, the unit was at approximately 93% electrical due to core coastdown.

On September 3, at approximately 0900 hours, load was reduced to approximately 84% electrical for a planned control rod pattern adjustment. On the same day, at approximately 1400 hours, the unit returned to 92% operation (max achievable with core coastdown).

With the exception of short periods for routine maintenance and surveillances, the unit remained in core coastdown for the remainder of the reporting period.

# OPERATING DATA REPORT

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 3198517314

1. Design Electrical Rating:	621.9		
2. Maximum Dependable Capacity (MWe-Net)	601.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	305,291.83
4. Number of Hours Generator On-line	744.00	5,111.00	300,281.02
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	433,422.00	2,974,599.20	152,712,819.99

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** July derates were all planned, exempt, and included a control rod sequence exchange, loadline adjustments, control rod drive exercises, and derates in order to achieve required conditions for loadline adjustments.

# OPERATING DATA REPORT

DOCKET: 331  
UNIT\_NME: Duane Arnold Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Matt Brandt  
PREPARER TELEPHONE: 3198517314

1. Design Electrical Rating:	621.9		
2. Maximum Dependable Capacity (MWe-Net)	601.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	306,035.83
4. Number of Hours Generator On-line	744.00	5,855.00	301,025.02
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	427,221.20	3,401,820.40	153,140,041.19

## UNIT SHUTDOWNS

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

SUMMARY August derates were all planned and included loadline adjustments and derates to achieve the required conditions for those loadline adjustments. In addition, losses due to end-of-cycle coastdown were incurred but were not required to be reported.

# OPERATING DATA REPORT

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 3198517314

1. Design Electrical Rating:	621.9		
2. Maximum Dependable Capacity (MWe-Net)	601.6		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	306,755.83
4. Number of Hours Generator On-line	720.00	6,575.00	301,745.02
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	402,800.10	3,804,620.50	153,542,841.29

## UNIT SHUTDOWNS

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

SUMMARY September derates included those for planned loadline adjustments, a planned control rod exercise surveillance, and end-of-cycle coastdown which are not required to be reported.

# OPERATING DATA REPORT

DOCKET: 348  
UNIT\_NME: Farley Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Samantha Boswell  
PREPARER TELEPHONE: 334-814-4540

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	291,583.35
4. Number of Hours Generator On-line	744.00	5,111.00	288,694.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	653,691.00	4,535,354.00	236,232,157.00

## UNIT SHUTDOWNS

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

SUMMARY There were no significant power reductions this period.

# OPERATING DATA REPORT

DOCKET: 348  
UNIT\_NME: Farley Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Samantha Boswell  
PREPARER TELEPHONE: 334-814-4540

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	292,327.35
4. Number of Hours Generator On-line	744.00	5,855.00	289,438.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	652,268.00	5,187,622.00	236,884,425.00

## UNIT SHUTDOWNS

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

SUMMARY There were no significant power reductions this period.

# OPERATING DATA REPORT

DOCKET: 348  
UNIT\_NME: Farley Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Samantha Boswell  
PREPARER TELEPHONE: 334-814-4540

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	293,047.35
4. Number of Hours Generator On-line	720.00	6,575.00	290,158.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	632,680.00	5,820,302.00	237,517,105.00

## UNIT SHUTDOWNS

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

SUMMARY U1 Main Steam Valve Testing 9-20-16 through 9-23-16 and 1R27 Coastdown beginning on 9-28-16.



# OPERATING DATA REPORT

DOCKET: 364  
UNIT\_NME: Farley Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: Samantha Boswell  
PREPARER TELEPHONE: 334-814-4540

1. Design Electrical Rating:	855		
2. Maximum Dependable Capacity (MWe-Net)	883		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,380.82	273,991.33
4. Number of Hours Generator On-line	744.00	4,281.15	271,285.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	653,967.00	3,753,706.00	223,994,659.00

## UNIT SHUTDOWNS

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

SUMMARY There were no significant power reductions this period.

# OPERATING DATA REPORT

DOCKET: 364  
UNIT\_NME: Farley Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: Samantha Boswell  
PREPARER TELEPHONE: 334-814-4540

1. Design Electrical Rating: 855  
2. Maximum Dependable Capacity (MWe-Net) 883

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,124.82	274,735.33
4. Number of Hours Generator On-line	744.00	5,025.15	272,029.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	652,094.00	4,405,800.00	224,646,753.00

## UNIT SHUTDOWNS

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

SUMMARY There were no significant power reductions this period.

# OPERATING DATA REPORT

DOCKET: 364  
UNIT\_NME: Farley Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: Samantha Boswell  
PREPARER TELEPHONE: 334-814-4540

1. Design Electrical Rating:	855		
2. Maximum Dependable Capacity (MWe-Net)	883		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,844.82	275,455.33
4. Number of Hours Generator On-line	720.00	5,745.15	272,749.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	635,367.00	5,041,167.00	225,282,120.00

## UNIT SHUTDOWNS

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

SUMMARY There were no significant power reductions this period.

# OPERATING DATA REPORT

DOCKET: 341  
UNIT\_NME: Fermi Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: E. Sorg  
PREPARER TELEPHONE: 734-586-4294

1. Design Electrical Rating:	1150		
2. Maximum Dependable Capacity (MWe-Net)	1094.9		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,896.85	203,270.95
4. Number of Hours Generator On-line	744.00	4,871.43	198,007.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	820,583.00	5,362,277.00	203,680,019.92

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power with the following exceptions:  
7/6/16 0439 to 2026: Unplanned downpower to 90% reactor power due to oil leak on #4 HPSV UA.

# OPERATING DATA REPORT

DOCKET: 341  
UNIT\_NME: Fermi Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: E. Sorg  
PREPARER TELEPHONE: 734.586.4294

1. Design Electrical Rating:	1150		
2. Maximum Dependable Capacity (MWe-Net)	1094.9		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,640.85	204,014.95
4. Number of Hours Generator On-line	744.00	5,615.43	198,751.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	735,534.00	6,097,811.00	204,415,553.92

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power with the following exceptions:  
8/13/16 0942 to 1142: Planned downpower to 90% reactor power for surveillance testing (not exempt)  
8/25/16 0828 to 9/2/16 0231: Unplanned downpower to 52% reactor power for condenser tube repairs (not exempt)

# OPERATING DATA REPORT

DOCKET: 341  
 UNIT\_NME: Fermi Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: E. Sorg  
 PREPARER TELEPHONE: 734-586-4294

1. Design Electrical Rating:	1150		
2. Maximum Dependable Capacity (MWe-Net)	1094.9		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,360.85	204,734.95
4. Number of Hours Generator On-line	720.00	6,335.43	199,471.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	781,395.00	6,879,206.00	205,196,948.92

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated at full power with the following exceptions:  
 8/25/16 0828 to 9/2/16 0231: Unplanned downpower to 52% reactor power for condenser tube repairs (not exempt)  
 9/3/16 2209 to 9/4/2016 0006: Planned downpower to 69% reactor power for rod pattern adjustment. (not exempt)  
 9/5/16 2200 to 9/5/16 2329: Planned downpower to 75% reactor power for rod pattern adjustment. (not exempt)  
 9/22/16 0824 to 9/23/16 1402: Unplanned downpower to 77.7% reactor power for condenser tube repair. (not exempt)

# OPERATING DATA REPORT

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: A. Spiridakis  
 PREPARER TELEPHONE: 315-326-2288

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	616.48	4,703.85	294,132.16
4. Number of Hours Generator On-line	591.10	4,628.67	288,035.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	392,480.00	3,753,588.00	222,663,083.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
FO22- 2	6/24/2016	F		152.90	A	4		Forced outage due to the failure of 71T-5(600V UNIT SUBSTATION L13 TRANSFORMER)

**SUMMARY** For the first 6 days in July, FitzPatrick was in a forced outage (FO 22-02). From 7/7/2016 to 7/31/2016, JAF was operating in a derated state (approximately 83% Rx Power) due to one of three Condensate Booster Pumps being out of service. On 7/28/2016, there was an unplanned downpower (from 83% to 69% Rx Power) for a Condenser de-fish and then returned to 83% power. On 7/8/2016, there was an unplanned power derate (83% to 61% Rx Power) due to a Circ Water Pump being taken out of service.

# OPERATING DATA REPORT

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: A. Spiridakis  
 PREPARER TELEPHONE: 315-326-2288

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,447.85	294,876.16
4. Number of Hours Generator On-line	744.00	5,372.67	288,779.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	474,400.00	4,227,988.00	223,137,483.00

## UNIT SHUTDOWNS

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

**SUMMARY** FitzPatrick was in a forced derate condition from 8/1/16 to 8/18/16 due to a Condensate Booster Pump out of service (~83% Rx Power). On 8/19/16, Operators began increasing power after returning the CBP to service (~94% Rx Power). The plant was forced into a derate condition on 8/21/2016 due to a trip of the A Reactor Water Recirc pump (Rx Power dropped from 90% to 39% and stabilized at ~48%). Operators began to increase power on 8/26/2016. Power was increased to ~91.5% on 8/28. 8/28 marks the start of coast down to refueling outage R22 scheduled for January 2017. The coast down is not considered as a planned energy loss. Note: There was a spike in Rx Power indication on 8/2/2016 due to APRM surveillance testing.



# OPERATING DATA REPORT

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: A. Spiridakis  
 PREPARER TELEPHONE: 315-326-2288

1. Design Electrical Rating:	816		
2. Maximum Dependable Capacity (MWe-Net)	813		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,167.85	295,596.16
4. Number of Hours Generator On-line	720.00	6,092.67	289,499.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	432,653.00	4,660,641.00	223,570,136.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY FitzPatrick was coasting down to refueling outage R22 scheduled for January. On 9/14/16, the plant experienced a trip of the B Reactor Feed Pump Turbine, causing an unplanned downpower (from ~84% to ~49% Rx Power). Power ascension from the unplanned downpower commenced on 9/21/16 (Rx Power was increased to ~90% and leveled off at 83%). Note: On 9/14/2016 and 9/27/2016, there were spikes in Rx power indication due to APRM surveillance testing. The losses from the Feed Pump Turbine Trip and the subsequent recovery have been counted as Unplanned (Forced) Losses.

# OPERATING DATA REPORT

DOCKET: 285  
UNIT\_NME: Fort Calhoun Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Kelsey Martz  
PREPARER TELEPHONE: 402-533-6723

1. Design Electrical Rating: 502  
2. Maximum Dependable Capacity (MWe-Net) 482

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,069.45	291,971.77
4. Number of Hours Generator On-line	744.00	4,985.83	290,196.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	360,086.11	2,471,723.36	129,933,996.87

## UNIT SHUTDOWNS

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

SUMMARY No planned or unplanned losses in the month of July 2016.

# OPERATING DATA REPORT

DOCKET: 285  
UNIT\_NME: Fort Calhoun Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Kelsey Martz  
PREPARER TELEPHONE: 402-533-6723

1. Design Electrical Rating: 502  
2. Maximum Dependable Capacity (MWe-Net) 482

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,813.45	292,715.77
4. Number of Hours Generator On-line	744.00	5,729.83	290,940.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	360,195.39	2,831,918.75	130,294,192.26

## UNIT SHUTDOWNS

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

SUMMARY No planned or unplanned energy loss for the month of August 2016.

# OPERATING DATA REPORT

DOCKET: 285  
 UNIT\_NME: Fort Calhoun Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Kelsey Martz  
 PREPARER TELEPHONE: 402-533-6723

1. Design Electrical Rating: 502  
 2. Maximum Dependable Capacity (MWe-Net) 482

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,533.45	293,435.77
4. Number of Hours Generator On-line	720.00	6,449.83	291,660.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	351,183.12	3,183,101.87	130,645,375.38

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Fort Calhoun has started coasting down for defueling accounting for the 215.9 planned energy loss.

# OPERATING DATA REPORT

DOCKET: 244  
UNIT\_NME: Ginna Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: John V. Walden  
PREPARER TELEPHONE: 315-791-3588

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	352,060.22
4. Number of Hours Generator On-line	744.00	5,111.00	348,523.31
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	418,359.76	2,943,796.52	169,176,565.35

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power for the entire month of July. Average power for the month was 99.9%.

# OPERATING DATA REPORT

DOCKET: 244  
 UNIT\_NME: Ginna Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: John V. Walden  
 PREPARER TELEPHONE: 315-791-3588

1. Design Electrical Rating:	585		
2. Maximum Dependable Capacity (MWe-Net)	560		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	352,804.22
4. Number of Hours Generator On-line	744.00	5,855.00	349,267.31
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	417,885.77	3,361,682.29	169,594,451.12

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated at full power for the entire month of August. Average power for the month was 99.9%.

# OPERATING DATA REPORT

DOCKET: 244  
UNIT\_NME: Ginna Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: John V. Walden  
PREPARER TELEPHONE: 315/791-3588

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	353,524.22
4. Number of Hours Generator On-line	720.00	6,575.00	349,987.31
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	404,917.99	3,766,600.28	169,999,369.11

## UNIT SHUTDOWNS

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

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

# OPERATING DATA REPORT

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: A. Hollowell  
 PREPARER TELEPHONE: 601-437-2318

1. Design Electrical Rating:	1485		
2. Maximum Dependable Capacity (MWe-Net)	1428		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	353.23	3,679.28	245,408.16
4. Number of Hours Generator On-line	261.63	3,483.80	240,350.08
5. Reserve Shutdown Hours	0.00	243.00	243.00
6. Net Electrical energy Generated (MWHrs)	314,109.00	4,689,144.00	288,944,464.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
140	6/25/2016	F		482.37	A	4		Reactor SCRAM caused by Turbine Control Valve fast closure.

SUMMARY FO 21-03 continued (unplanned) - 772,047 MWe  
 Downpower to Scram rods for troubleshooting drywell leakage (planned, but <10 day notice to grid dispatch)



# OPERATING DATA REPORT

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: A. Hollowell  
 PREPARER TELEPHONE: 601-437-2318

1. Design Electrical Rating:	1485		
2. Maximum Dependable Capacity (MWe-Net)	1428		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,423.28	246,152.16
4. Number of Hours Generator On-line	744.00	4,227.80	241,094.08
5. Reserve Shutdown Hours	0.00	243.00	243.00
6. Net Electrical energy Generated (MWHrs)	1,045,677.00	5,734,821.00	289,990,141.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Pattern Adjustment - 47 MWe

# OPERATING DATA REPORT

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: A. Hollowell  
 PREPARER TELEPHONE: 601-437-2318

1. Design Electrical Rating: 1485  
 2. Maximum Dependable Capacity (MWe-Net) 1428

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	179.07	4,602.35	246,331.23
4. Number of Hours Generator On-line	179.07	4,406.87	241,273.15
5. Reserve Shutdown Hours	0.00	243.00	243.00
6. Net Electrical energy Generated (MWHrs)	246,764.00	5,981,585.00	290,236,905.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
142	9/8/2016	F	S	540.93	A	1	The SCRAM on 9/8/2016 at 1104 hrs was a planned SCRAM per IOI-2 in order to repair a problem with RHR 'A'. Plant was shutdown due to RHR 'A' being INOP and repair was scheduled to longer than seven days.

SUMMARY All losses are due to FO 21-04 Shutdown to repair RHR pump after failed surveillance. Notice to grid was not sufficient to warrant 'planned' classification.

# OPERATING DATA REPORT

DOCKET: 400  
UNIT\_NME: Harris Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Dustin Martin  
PREPARER TELEPHONE: 9193622679

1. Design Electrical Rating: 973  
2. Maximum Dependable Capacity (MWe-Net) 928

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	228,367.82
4. Number of Hours Generator On-line	744.00	5,111.00	226,839.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	695,043.00	4,868,846.00	199,787,869.00

## UNIT SHUTDOWNS

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

SUMMARY There were no generation loss events in July, 2016.

# OPERATING DATA REPORT

DOCKET: 400  
UNIT\_NME: Harris Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Dustin Martin  
PREPARER TELEPHONE: 9193622679

1. Design Electrical Rating: 973  
2. Maximum Dependable Capacity (MWe-Net) 928

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	229,111.82
4. Number of Hours Generator On-line	744.00	5,855.00	227,583.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	696,569.00	5,565,415.00	200,484,438.00

## UNIT SHUTDOWNS

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

SUMMARY There were no generation loss events for August, 2016.

# OPERATING DATA REPORT

DOCKET: 400  
 UNIT\_NME: Harris Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Dustin Martin  
 PREPARER TELEPHONE: 9193622679

1. Design Electrical Rating: 973  
 2. Maximum Dependable Capacity (MWe-Net) 928

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,575.00	229,831.82
4. Number of Hours Generator On-line	720.00	6,575.00	228,303.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	672,401.00	6,237,816.00	201,156,839.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY End of Cycle fuel coastdown to refueling outage 20 began in September, accounting for 7435 MWh of generation losses.

# OPERATING DATA REPORT

DOCKET: 321  
 UNIT\_NME: Hatch Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Ben Mosley  
 PREPARER TELEPHONE: 912-537-5872

1. Design Electrical Rating:	885		
2. Maximum Dependable Capacity (MWe-Net)	876		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,475.89	301,582.96
4. Number of Hours Generator On-line	744.00	4,422.30	294,527.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	654,074.00	3,768,696.00	229,167,565.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY There were no significant (>20% rated thermal power) power change events this month.

# OPERATING DATA REPORT

DOCKET: 321  
UNIT\_NME: Hatch Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Ben Mosley  
PREPARER TELEPHONE: 912-537-5872

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

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,219.89	302,326.96
4. Number of Hours Generator On-line	744.00	5,166.30	295,271.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	652,698.00	4,421,394.00	229,820,263.00

## UNIT SHUTDOWNS

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

SUMMARY There were no significant generation loss events (>20% rated thermal power) this month.

# OPERATING DATA REPORT

DOCKET: 321  
 UNIT\_NME: Hatch Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Ben Mosley  
 PREPARER TELEPHONE: 912-537-5872

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,939.89	303,046.96
4. Number of Hours Generator On-line	720.00	5,886.30	295,991.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	610,868.00	5,032,262.00	230,431,131.00

## UNIT SHUTDOWNS

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

**SUMMARY** Reactor power was reduced to ~50% to repair a condenser tube leak, a cooling tower piping leak as well as perform turbine testing and a control rod sequence exchange on 09/10/2016. Reactor power was returned to rated thermal power on 09/12/2016. There were no additional significant (>20% rated thermal power) power changes during the month.



# OPERATING DATA REPORT

DOCKET: 366  
 UNIT\_NME: Hatch Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Ben Mosley  
 PREPARER TELEPHONE: 912-537-5872

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,006.85	276,900.88
4. Number of Hours Generator On-line	744.00	4,984.07	271,684.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	654,291.00	4,407,868.00	215,738,202.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY There were no significant (>20% rated thermal power) power change events this month.

# OPERATING DATA REPORT

DOCKET: 366  
 UNIT\_NME: Hatch Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Ben Mosley  
 PREPARER TELEPHONE: 912-537-5872

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,750.85	277,644.88
4. Number of Hours Generator On-line	744.00	5,728.07	272,428.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	656,329.00	5,064,197.00	216,394,531.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY There were no significant generation loss events (>20% rated thermal power) this month.

# OPERATING DATA REPORT

DOCKET: 366  
 UNIT\_NME: Hatch Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Ben Mosley  
 PREPARER TELEPHONE: 912-537-5872

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,470.85	278,364.88
4. Number of Hours Generator On-line	720.00	6,448.07	273,148.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	634,604.00	5,698,801.00	217,029,135.00

## UNIT SHUTDOWNS

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

SUMMARY Reactor power was reduced to ~80% rated thermal power to perform scheduled turbine surveillances and a control rod pattern adjustment on 09/24/2016. Reactor power was returned to rated thermal power on 09/24/2016. There were no additional significant (>20% rated thermal power) power changes during the month.

# OPERATING DATA REPORT

DOCKET: 354  
 UNIT\_NME: Hope Creek Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Timothy M Gingerich  
 PREPARER TELEPHONE: 856 339 2194

1. Design Electrical Rating:	1228.1		
2. Maximum Dependable Capacity (MWe-Net)	1172		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	230,213.50
4. Number of Hours Generator On-line	744.00	5,090.87	226,300.15
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	876,791.00	6,144,657.00	242,658,453.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The month began with the unit online and the reactor critical at 99.8% CTP  
 Zero (0) planned power changes greater than 15% occurred in July 2016  
 Zero(0) unplanned power changes greater than 15% occurred in July 2016  
 The month ended with the unit online and the reactor critical at 97.9% CTP  
 The SRVs were not challenged by any over pressurization events or transients that would have required the valves to respond automatically.

# OPERATING DATA REPORT

DOCKET: 354  
 UNIT\_NME: Hope Creek Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Timothy M Gingerich  
 PREPARER TELEPHONE: 856 339 2194

1. Design Electrical Rating:	1228.1		
2. Maximum Dependable Capacity (MWe-Net)	1172		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	230,957.50
4. Number of Hours Generator On-line	744.00	5,834.87	227,044.15
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	857,061.00	7,001,718.00	243,515,514.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The month began with the unit online and the reactor critical at 97.9% CTP  
 Zero (0) planned power changes greater than 15% occurred in August 2016  
 Zero (0) unplanned power changes greater than 15% occurred in August 2016  
 The month ended with the unit online and the reactor critical at 100.0% CTP  
 The SRVs were not challenged by any over pressurization events or transients that would have required the valves to respond automatically.

# OPERATING DATA REPORT

DOCKET: 354  
 UNIT\_NME: Hope Creek Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Timothy M Gingerich  
 PREPARER TELEPHONE: 856 339 2194

1. Design Electrical Rating:	1228.1		
2. Maximum Dependable Capacity (MWe-Net)	1172		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	231,677.50
4. Number of Hours Generator On-line	720.00	6,554.87	227,764.15
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	847,305.00	7,849,023.00	244,362,819.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The month began with the unit online and the reactor critical at 99.9% CTP  
 Two (2) planned power changes greater than 15% occurred in September 2016  
 A power reduction of approximately 17% (98.8% to 82%) occurred on 9/3/16 at 22:00 for a rod pattern adjustment and condenser waterbox cleaning. Power was stabilized at 82% on 9/3/16 at 23:22. Ascension began on 9/3/16 at 23:25. Hope Creek reached full power on 9/4/16 at 02:47.  
 A power reduction of approximately 40% (99.5% to 60%) occurred on 9/16/16 at 22:00 for turbine valve testing. Power was stabilized at 60% on 9/16/16 at 23:41. Power ascension began on 9/17/16 at 03:46. Hope Creek reached full power on 9/17/16 at 16:50  
 Zero (0) unplanned power changes greater than 15% occurred in September 2016  
 The month ended with the unit online and the reactor critical at 99.9% CTP  
 The SRVs were not challenged by any over pressurization events or transients that would have required the valves to respond automatically.

# OPERATING DATA REPORT

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Michael Hasenbein  
 PREPARER TELEPHONE: 914-254-7485

1. Design Electrical Rating:	1035		
2. Maximum Dependable Capacity (MWe-Net)	998		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	724.97	2,628.72	285,699.29
4. Number of Hours Generator On-line	713.95	2,553.27	281,030.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	696,835.70	2,338,973.88	254,527,257.76

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2	7/6/2016	F	30.05	G	3	During a Reactor trip breaker testing the reactor trip breaker was opened causing a reactor trip. Procedure adherence at the site was elevated.

**SUMMARY** Indian Point 2 began the month online and shutdown on 7/6/16 at 09:38 and synced to the grid on 7/7/16 at 15:41 hours. It remained online for the remainder of the month  
 MONTHLY PLANNED LOSSES were due to condenser backwashes.  
 MONTHLY UNPLANNED LOSSES were due to the repair of 23 Circ Water Pump.

# OPERATING DATA REPORT

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Justin Sledzinski  
 PREPARER TELEPHONE: 9142547644

1. Design Electrical Rating:	1035		
2. Maximum Dependable Capacity (MWe-Net)	998		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	3,372.72	286,443.29
4. Number of Hours Generator On-line	744.00	3,297.27	281,774.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	723,357.07	3,062,330.95	255,250,614.83

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY ANALYSIS: Indian Point 2 began the month online and remained online for the entire month.  
 MONTHLY PLANNED LOSSES were due to condenser backwashes and a down power to support post work test on FCV-406C.  
 MONTHLY UNPLANNED LOSSES were due to the repair of 23 Circ Water Pump and a down power when 21 & 22 Heater Drain Pumps tripped.



# OPERATING DATA REPORT

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Justin Sledzinski  
 PREPARER TELEPHONE: 9142547644

1. Design Electrical Rating:	1035		
2. Maximum Dependable Capacity (MWe-Net)	998		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	4,092.72	287,163.29
4. Number of Hours Generator On-line	720.00	4,017.27	282,494.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	716,255.00	3,778,585.95	255,966,869.83

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Indian Point 2 was synchronized to the grid for a total of 720 hours, producing a gross generation of 740,968 MWhrs. The unit operated at full power for the entire month.  
 MONTHLY PLANNED LOSSES were due to condenser backwashes and frequent backwashes of 24 Circulating Water Pump due to 24 TSC being out of Service.  
 MONTHLY UNPLANNED LOSSES were due to the repair of 23 Circ Water Pump and the 1 MWe turbine load reduction in accordance with 2-POP-2.1.

# OPERATING DATA REPORT

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201607

PREPARER NAME: Michael Hasenbein  
 PREPARER TELEPHONE: 914-254-7485

1. Design Electrical Rating:	1048		
2. Maximum Dependable Capacity (MWe-Net)	1030		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	258,659.78
4. Number of Hours Generator On-line	744.00	5,111.00	255,180.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	759,189.00	5,290,361.00	242,391,762.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY ANALYSIS: Indian Point 3 was synchronized to the grid for a total of 744 hours, producing a gross generation of 785,199 MWHrs. The unit remained at full power for the entire month.  
 MONTHLY PLANNED LOSSES were due to Condenser Backwashes.  
 MONTHLY UNPLANNED LOSSES were due to the repair of 33 Circ Water Pump

# OPERATING DATA REPORT

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201608

PREPARER NAME: Justin Sledzinski  
 PREPARER TELEPHONE: 9142547644

1. Design Electrical Rating:	1048		
2. Maximum Dependable Capacity (MWe-Net)	1030		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	259,403.78
4. Number of Hours Generator On-line	744.00	5,855.00	255,924.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	754,219.00	6,044,580.00	243,145,981.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY ANALYSIS: Indian Point 3 was synchronized to the grid for a total of 744 hours, producing a gross generation of 780,483 MWhrs. The unit remained at full power for the entire month.  
 MONTHLY PLANNED LOSSES were due to Condenser Backwashes.  
 MONTHLY UNPLANNED LOSSES were due to the repair of 33 Circ. Water Pump

# OPERATING DATA REPORT

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201609

PREPARER NAME: Justin Sledzinski  
 PREPARER TELEPHONE: 9142547644

1. Design Electrical Rating:	1048		
2. Maximum Dependable Capacity (MWe-Net)	1030		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	260,123.78
4. Number of Hours Generator On-line	720.00	6,575.00	256,644.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	735,420.00	6,780,000.00	243,881,401.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Indian Point 3 was synchronized to the grid for a total of 720 hours, producing a gross generation of 760,771 MWhrs. The unit operated at full power for the entire month.  
 MONTHLY PLANNED LOSSES were due to Condenser Backwashes and the replacement of 34 CWP.  
 MONTHLY UNPLANNED LOSSES: None.  
 YEAR TO DATE PLANNED LOSSES were due to Condenser Backwashes and FIT-111 Calibration Testing, the Stop and Control Valve Testing and the 34 CWP replacement.  
 YEAR TO DATE UNPLANNED LOSSES were due to the HDT Pump Trips and the repair of 33 Circ Water Pump.

# OPERATING DATA REPORT

DOCKET: 373  
 UNIT\_NME: LaSalle Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Adam Pflugshaupt  
 PREPARER TELEPHONE: 815-415-3861

1. Design Electrical Rating:	1178		
2. Maximum Dependable Capacity (MWe-Net)	1111		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,412.68	229,794.41
4. Number of Hours Generator On-line	744.00	4,346.33	227,052.50
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	841,588.00	4,816,293.00	242,028,258.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 operated at or near full power for the month of July 2016.

# OPERATING DATA REPORT

DOCKET: 373  
 UNIT\_NME: LaSalle Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Steve Latimer  
 PREPARER TELEPHONE: 815-415-2463

1. Design Electrical Rating:	1178		
2. Maximum Dependable Capacity (MWe-Net)	1111		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,156.68	230,538.41
4. Number of Hours Generator On-line	744.00	5,090.33	227,796.50
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	837,233.00	5,653,526.00	242,865,491.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 had a downpower to approximately 1105 MWe on August 10th, 2016 due to high lake temperature (excluded). Unit 1 operated at or near full power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 373  
UNIT\_NME: LaSalle Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Steve Latimer  
PREPARER TELEPHONE: 815-415-2463

1. Design Electrical Rating:	1178		
2. Maximum Dependable Capacity (MWe-Net)	1111		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,876.68	231,258.41
4. Number of Hours Generator On-line	720.00	5,810.33	228,516.50
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	822,373.00	6,475,899.00	243,687,864.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 had a downpower to approximately 835 MWe on September 4th, 2016 for a planned sequence exchange. Unit 1 operated at or near full power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 374  
UNIT\_NME: LaSalle Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: Adam Pflugshaupt  
PREPARER TELEPHONE: 815-415-3861

1. Design Electrical Rating:	1178		
2. Maximum Dependable Capacity (MWe-Net)	1111		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	221,811.21
4. Number of Hours Generator On-line	744.00	5,111.00	220,345.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	841,502.00	5,856,439.00	236,540,223.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 was continuing power ascension on July 1, 2016 from the previous month due to a loss of transmission lines L0101 and L0102. Unit 2 operated at or near full power for the remainder of the month.



# OPERATING DATA REPORT

DOCKET: 374  
UNIT\_NME: LaSalle Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: Steve Latimer  
PREPARER TELEPHONE: 815-415-2463

1. Design Electrical Rating: 1178  
2. Maximum Dependable Capacity (MWe-Net) 1111

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	222,555.21
4. Number of Hours Generator On-line	744.00	5,855.00	221,089.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	839,025.00	6,695,464.00	237,379,248.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 operated at or near full power for the entire month.

# OPERATING DATA REPORT

DOCKET: 374  
 UNIT\_NME: LaSalle Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Steve Latimer  
 PREPARER TELEPHONE: 815-415-2463

1. Design Electrical Rating:	1178		
2. Maximum Dependable Capacity (MWe-Net)	1111		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	223,275.21
4. Number of Hours Generator On-line	720.00	6,575.00	221,809.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	819,588.00	7,515,052.00	238,198,836.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Unit 2 had a downpower to approximately 830 MWe on September 11th, 2016 for a planned sequence exchange. Unit 2 operated at or near full power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 352  
UNIT\_NME: Limerick Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Leonard J. Maioriello  
PREPARER TELEPHONE: 610-718-3512

1. Design Electrical Rating:	1205		
2. Maximum Dependable Capacity (MWe-Net)	1099		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,491.50	244,227.01
4. Number of Hours Generator On-line	744.00	4,459.50	241,604.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	847,049.00	5,035,896.00	261,603,866.50

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 began the month of July 2016 at 100.0% of rated thermal power (RTP).

There were no load reductions on Unit 1 during the month of July 2016.

Unit 1 ended the month of July 2016 at 99.8% RTP.

# OPERATING DATA REPORT

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Leonard J. Maioriello  
 PREPARER TELEPHONE: 610-718-3512

1. Design Electrical Rating:	1205		
2. Maximum Dependable Capacity (MWe-Net)	1099		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,235.50	244,971.01
4. Number of Hours Generator On-line	744.00	5,203.50	242,348.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	847,115.00	5,883,011.00	262,450,981.50

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 began the month of August 2016 at 99.8% of rated thermal power (RTP).

On August 29th at 01:58 hours, reactor power was reduced from 99.9% to 98.0% RTP due to HCU online Maintenance. Reactor power was restored to 99.5% RTP at 03:40 hours.

Unit 1 ended the month of August 2016 at 99.8% RTP.

# OPERATING DATA REPORT

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Leonard J. Maioriello  
 PREPARER TELEPHONE: 610-718-3512

1. Design Electrical Rating:	1205		
2. Maximum Dependable Capacity (MWe-Net)	1099		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	720.00	5,955.50	245,691.01
4. Number of Hours Generator On-line	720.00	5,923.50	243,068.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	823,705.00	6,706,716.00	263,274,686.50

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 began the month of September 2016 at 99.8% of rated thermal power (RTP).

On September 2nd at 22:00 hours, reactor power was reduced from 100.0% to 81.5% RTP due to a post summer readiness load drop  
 On September 3rd at 15:44 hours, reactor power was restored to 99.5% RTP.

On September 17th at 10:00 hours, reactor power was reduced from 100.0% to 98.1% RTP due to an unplanned issue with the Unit 1 ASD system. Reactor power was restored to 99.5% RTP at 10:51 hours.

On September 20th at 05:47 hours, reactor power was reduced from 100.0% to 94.6% RTP due to a grid related issue. Reactor power was restored to 99.6% RTP at 11:40 hours.

Unit 1 ended the month of September 2016 at 100.0% RTP.

# OPERATING DATA REPORT

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Leonard J. Maioriello  
 PREPARER TELEPHONE: 610 718-3512

- 1. Design Electrical Rating: 1205
- 2. Maximum Dependable Capacity (MWe-Net) 1108

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,083.03	220,348.35
4. Number of Hours Generator On-line	744.00	5,071.13	217,825.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	841,876.00	5,892,043.00	240,963,561.50

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 began the month of July 2016 at 100% of rated thermal power (RTP).

On July 14th at 12:52 hours, reactor power was reduced from 100.0% to 92.8% RTP due to high condensate temperature caused by high ambient temperature.

On July 15th at 01:35 hours, reactor power was restored to 99.7%. Reactor power was reduced from 99.8 % to 95.8% RTP at 18:24 hours. Reactor power was restored to 99.5% RTP at 23:52 hours.

On July 18th at 12:34 hours, reactor power was reduced from 99.50% to 96.0% RTP due to high condensate temperature caused by high ambient temperature. Reactor power was restored to 99.5% RTP at 20: 44 hours.

On July 22nd at 13:24 hours, reactor power was reduced from 99.9% to 92.2% RTP due to high condensate temperature caused by high ambient temperature. Reactor power was restored to 99.5% RTP at 22:36 hours.

On July 23rd at 13:54 hours, reactor power was reduced from 99.7% to 94.9% RTP due to high condensate temperature caused by high ambient temperature. Reactor power was restored to 99.5% RTP at 20:09 hours.

On July 24th at 16:53 hours, reactor power was reduced from 100.0% to 98.0% RTP due to high condensate temperature caused by high ambient temperature. Reactor power was restored to 99.6% RTP at 22:02 hours.

On July 25th at 11:42 hours, reactor power was reduced from 99.9% to 89.8% RTP due to high condensate temperature caused by high ambient temperature. Reactor power was restored to 99.5% RTP at 22:45 hours.

On July 30th at 13:45 hours, reactor power was reduced from 99.9% to 98.3% RTP due to high condensate temperature caused by high ambient temperature. Reactor power was restored to 99.5% RTP at 15:37 hours.

Unit 2 ended the month of July 2016 at 100.0% RTP.

# OPERATING DATA REPORT

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Leonard J. Maioriello  
 PREPARER TELEPHONE: 610-718-3512

1. Design Electrical Rating:	1205		
2. Maximum Dependable Capacity (MWe-Net)	1108		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,827.03	221,092.35
4. Number of Hours Generator On-line	744.00	5,815.13	218,569.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	836,982.00	6,729,025.00	241,800,543.50

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Unit 2 began the month of August 2016 at 99.9% of rated thermal power (RTP).

On August 6th at 15:39 hours, reactor power was reduced from 100.0% to 97.2% RTP due to high condensate temperature caused by high ambient temperature. Reactor power was restored to 99.6% RTP at 20:00 hours.

On August 10th at 11:38 hours, reactor power was reduced from 100% to 92.9% RTP due to high condensate temperature caused by high ambient temperature.

On August 11th at 04:41 hours, reactor power was restored to 99.6% RTP. Reactor power was again reduced from 99.9% to 88.2% RTP at 10:44 hours due to high condensate temperature caused by high ambient temperature.

On August 15th at 01:03 hours, reactor power was restored to 99.5% RTP. Reactor power was reduced from 99.8% to 99.3% RTP at 08:23 hours due to high condensate temperature caused by high ambient temperature. Reactor power was restored to 99.6% RTP at 15:36 hours.

On August 16th at 13:33 hours, reactor power was reduced from 99.8% to 93.9% RTP due to high condensate temperature caused by high ambient temperature.

On August 17th at 02:10 hours, reactor power was restored to 99.6% RTP.

On August 26th at 12:50 hours, reactor power was reduced from 100.0% to 97.2% RTP due to high condensate temperature caused by high ambient temperature. Reactor power was restored to 99.7% RTP at 21:38 hours.

# OPERATING DATA REPORT

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Leonard J. Maioriello  
 PREPARER TELEPHONE: 610-718-3512

1. Design Electrical Rating:	1205		
2. Maximum Dependable Capacity (MWe-Net)	1108		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	720.00	6,547.03	221,812.35
4. Number of Hours Generator On-line	720.00	6,535.13	219,289.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	822,808.00	7,551,833.00	242,623,351.50

## UNIT SHUTDOWNS

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

**SUMMARY** Unit 2 began the month of September 2016 at 100.0% of rated thermal power (RTP).

On September 5th at 23:00 hours, reactor power was reduced from 100.0% to 94.4% RTP due to Online HCU maintenance. Reactor power was restored to 99.7% RTP at 23:29 hours.

On September 8th at 13:31 hours, reactor power was reduced from 100% to 93.7% RTP due to high condensate temperature caused by high ambient temperature.

On September 9th at 01:01 hours, reactor power was restored to 99.5% RTP. Reactor power was reduced from 99.8% to 97.7% RTP at 16:24 hours due to high condensate temperature caused by high ambient temperature.

On September 10th at 0:26 hours, reactor power was restored to 99.7% RTP. Reactor power was reduced from 99.9% to 94.5% RTP at 12:18 hours due to high condensate temperature caused by high ambient temperature. Reactor power was further reduced from 95.6% to 71.4% RTP due to a planned load drop for post summer readiness.

On September 11th at 13:44 hours, reactor power was restored to 99.8% RTP.

Unit 2 ended the month of September 2016 at 99.9% RTP.



# OPERATING DATA REPORT

DOCKET: 369  
UNIT\_NME: McGuire Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Brian H. Richards  
PREPARER TELEPHONE: 980.875.5171

1. Design Electrical Rating:	1199		
2. Maximum Dependable Capacity (MWe-Net)	1158		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,429.75	251,714.36
4. Number of Hours Generator On-line	744.00	4,411.73	250,050.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	864,558.00	5,194,529.00	274,445,340.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 operated at approximately 100% for July 2016.

# OPERATING DATA REPORT

DOCKET: 369  
UNIT\_NME: McGuire Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Brian H. Richards  
PREPARER TELEPHONE: 980.875.5171

1. Design Electrical Rating:	1199		
2. Maximum Dependable Capacity (MWe-Net)	1158		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,173.75	252,458.36
4. Number of Hours Generator On-line	744.00	5,155.73	250,794.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	867,698.00	6,062,227.00	275,313,038.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 operated at approximately 100% for August 2016.

# OPERATING DATA REPORT

DOCKET: 369  
UNIT\_NME: McGuire Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Brian H. Richards  
PREPARER TELEPHONE: 980.875.5171

1. Design Electrical Rating:	1199		
2. Maximum Dependable Capacity (MWe-Net)	1158		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,893.75	253,178.36
4. Number of Hours Generator On-line	720.00	5,875.73	251,514.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	837,461.00	6,899,688.00	276,150,499.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 operated at approximately 100% for September 2016.

# OPERATING DATA REPORT

DOCKET: 370  
UNIT\_NME: McGuire Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: Brian H. Richards  
PREPARER TELEPHONE: 980.875.5171

1. Design Electrical Rating:	1187		
2. Maximum Dependable Capacity (MWe-Net)	1158		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	245,659.14
4. Number of Hours Generator On-line	744.00	5,111.00	243,966.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	862,783.00	6,052,749.00	273,623,031.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 operated at approximately 100% for July 2016.

# OPERATING DATA REPORT

DOCKET: 370  
UNIT\_NME: McGuire Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: Brian H. Richards  
PREPARER TELEPHONE: 980.875.5171

1. Design Electrical Rating: 1187  
2. Maximum Dependable Capacity (MWe-Net) 1158

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	246,403.14
4. Number of Hours Generator On-line	744.00	5,855.00	244,710.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	854,977.00	6,907,726.00	274,478,008.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 operated at approximately 100% for August 2016.

# OPERATING DATA REPORT

DOCKET: 370  
UNIT\_NME: McGuire Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: Brian H. Richards  
PREPARER TELEPHONE: 980.875.5171

1. Design Electrical Rating:	1187		
2. Maximum Dependable Capacity (MWe-Net)	1158		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	247,123.14
4. Number of Hours Generator On-line	720.00	6,575.00	245,430.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	839,297.00	7,747,023.00	275,317,305.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 operated at approximately 100% for September 2016.

# OPERATING DATA REPORT

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: S. Claffey  
 PREPARER TELEPHONE: 860-447-1791 x2456

1. Design Electrical Rating:	877.2		
2. Maximum Dependable Capacity (MWe-Net)	869.5		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	258,675.75
4. Number of Hours Generator On-line	744.00	5,111.00	252,486.61
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	636,663.30	4,397,891.80	212,065,511.10

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Millstone Unit 2 operated at or near 100% power throughout the month of July 2016.

# OPERATING DATA REPORT

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: S. Claffey  
 PREPARER TELEPHONE: 860-447-1791

1. Design Electrical Rating:	877.2		
2. Maximum Dependable Capacity (MWe-Net)	869.5		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	704.17	5,815.17	259,379.92
4. Number of Hours Generator On-line	684.78	5,795.78	253,171.39
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	564,285.60	4,962,177.40	212,629,796.70

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2016-2	8/11/2016	F		47.37	A	2	Lost power to two circulating water pumps due to a grid disturbance caused by a passing thunder storm. The variable frequency drive units for the two circulating water pump motors lost control power due to dead or degraded batteries in the uninterruptable power supplies (UPS). Replaced all degraded batteries and tested the UPS units for the variable frequency drives.
2016-1	8/6/2016		S	11.85	B	5	Unit shutdown to repair main transformer output disconnect 15G-8T-8. Reactor maintained critical at 9-13% power.

**SUMMARY** Millstone Unit 2 operated at or near 100% power from the beginning of the month until August 05, 2016 at 1830 hours when the unit commenced a shutdown to repair a main transformer output disconnect. The Main Generator was taken off-line August 06, 2016 at 0433 hours. The output disconnect was repaired and the Main Generator was phased to the grid on August 06 2016 at 1624 hours. The unit reached 100% power on August 07, 2016 at about 1202 hours. The unit operated at or near 100% power until August 11, 2016 at 0958 hours when operators manually tripped the unit off-line due to degrading condenser vacuum. The degrading condenser vacuum was caused by the loss of two circulating water pumps due to a grid disturbance from a passing thunder storm. Reactor criticality occurred on August 13, 2016 at 0148 hours. The Main Generator was phased to the grid on August 13, 2016 at 0920 hours. The unit reached 100% power on August 14, 2016 at about 0243 hours. The unit operated at or near 100% power for the remainder of August 2016 .



# OPERATING DATA REPORT

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: S. Claffey  
 PREPARER TELEPHONE: 860-447-1791 x2456

1. Design Electrical Rating:	877.2		
2. Maximum Dependable Capacity (MWe-Net)	869.5		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,535.17	260,099.92
4. Number of Hours Generator On-line	720.00	6,515.78	253,891.39
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	614,174.90	5,576,352.30	213,243,971.60

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Millstone Unit 2 operated at or near 100% power throughout the month of September 2016.

# OPERATING DATA REPORT

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201607

PREPARER NAME: S. Claffey  
 PREPARER TELEPHONE: 860-447-1791 x2456

1. Design Electrical Rating:	1229		
2. Maximum Dependable Capacity (MWe-Net)	1210		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	3,945.71	212,053.99
4. Number of Hours Generator On-line	744.00	3,865.99	209,813.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	912,267.80	4,643,431.70	239,446,271.64

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Millstone Unit 3 operated at or near 100% power throughout the month of July 2016.

# OPERATING DATA REPORT

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201608

PREPARER NAME: S. Claffey  
 PREPARER TELEPHONE: 860-447-1791 x2456

1. Design Electrical Rating:	1229		
2. Maximum Dependable Capacity (MWe-Net)	1210		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	744.00	4,689.71	212,797.99
4. Number of Hours Generator On-line	744.00	4,609.99	210,557.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	905,225.70	5,548,657.40	240,351,497.34

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Millstone Unit 3 operated at or near 100% power from the beginning of the month until August 29, 2016. On August 29, 2016 at 0800 hours, the unit commenced a down power to 94% power to conduct routine Main Turbine Control Valve Testing. On August 29, 2016 at 0846 hours, the unit commenced Main Turbine Control Valve Testing. On August 29, 2016 at 1154, the unit commenced a return to full power, reaching 100% power on August 29, 2016 at 1344 hours. Millstone Unit 3 operated at or near 100% power for the remainder of August 2016.

# OPERATING DATA REPORT

DOCKET: 423  
UNIT\_NME: Millstone Unit 3  
RPT\_PERIOD: 201609

PREPARER NAME: S. Claffey  
PREPARER TELEPHONE: 860-447-1791 x2456

1. Design Electrical Rating: 1229  
2. Maximum Dependable Capacity (MWe-Net) 1210

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,409.71	213,517.99
4. Number of Hours Generator On-line	720.00	5,329.99	211,277.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	876,016.70	6,424,674.10	241,227,514.04

## UNIT SHUTDOWNS

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

SUMMARY Millstone Unit 3 operated at or near 100% power throughout the month of September 2016.

# OPERATING DATA REPORT

DOCKET: 263  
 UNIT\_NME: Monticello Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Kevin Austin  
 PREPARER TELEPHONE: 763-271-5875

1. Design Electrical Rating:	656.3		
2. Maximum Dependable Capacity (MWe-Net)	628.2		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	335,473.92
4. Number of Hours Generator On-line	744.00	5,111.00	331,069.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	473,065.00	3,330,377.00	176,815,866.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** There were two downpowers during the month: an excluded downpower to ~90% on 7/21/16 due to environmental conditions to maintain discharge canal temperature limits, and a planned downpower to ~96% on 7/30/16 for a followup rod pattern adjustment.

# OPERATING DATA REPORT

DOCKET: 263  
UNIT\_NME: Monticello Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Kevin Austin  
PREPARER TELEPHONE: 763-271-5875

1. Design Electrical Rating:	656.3		
2. Maximum Dependable Capacity (MWe-Net)	628.2		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	336,217.92
4. Number of Hours Generator On-line	744.00	5,855.00	331,813.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	475,297.00	3,805,674.00	177,291,163.30

## UNIT SHUTDOWNS

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

SUMMARY The reactor was operated at 100% power for the entire month.

# OPERATING DATA REPORT

DOCKET: 263  
 UNIT\_NME: Monticello Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Kevin Austin  
 PREPARER TELEPHONE: 763-271-5875

1. Design Electrical Rating:	656.3		
2. Maximum Dependable Capacity (MWe-Net)	628.2		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	336,937.92
4. Number of Hours Generator On-line	720.00	6,575.00	332,533.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	361,809.00	4,167,483.00	177,652,972.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The reactor was operated at 100% power until 9/17/16 when a planned downpower to 50% was performed for a sequence exchange and RO-4001 steam leak repair. During the downpower while at 50% power, 11RFP vibrations increased. Raising power was halted at 60% and eventually lowered to <40% as an unplanned evolution to remove 11RFP from service. On 9/23/16 power was raised to 58% with 11RFP still out of service. After restoring 11RFP to service, power was raised on 9/30/16 and had not reached 100% by the end of the month.

# OPERATING DATA REPORT

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Sean Goodwin  
 PREPARER TELEPHONE: 315-349-1213

1. Design Electrical Rating:	613		
2. Maximum Dependable Capacity (MWe-Net)	565		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	317,078.05
4. Number of Hours Generator On-line	744.00	5,111.00	311,856.93
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	443,415.71	3,153,115.52	179,292,798.89

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Exempt Losses (8 MWh total):

Tech specification surveillance testing - Feedwater Surveillance Testing - 8 MWh.



# OPERATING DATA REPORT

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Sean Goodwin  
 PREPARER TELEPHONE: 315-349-1213

1. Design Electrical Rating:	613		
2. Maximum Dependable Capacity (MWe-Net)	565		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	317,822.05
4. Number of Hours Generator On-line	744.00	5,855.00	312,600.93
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	443,492.00	3,596,607.52	179,736,290.89

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Exempt Losses (80 MWh total):

Tech specification surveillance testing - CRD Pump Swap - 1 MWh.  
 Load Line Adjustment - 79 MWh.

# OPERATING DATA REPORT

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Sean Goodwin  
 PREPARER TELEPHONE: 315-349-1213

1. Design Electrical Rating:	613		
2. Maximum Dependable Capacity (MWe-Net)	565		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	318,542.05
4. Number of Hours Generator On-line	720.00	6,575.00	313,320.93
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	431,296.87	4,027,904.39	180,167,587.76

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Exempt Losses (408 MWh total):

Feedwater Tech specification surveillance testing - 16 MWh.  
 Load Line Adjustment - 16 MWh.  
 Turbine Valve Testing, Load Line Adjustment, SCRAM Time Testing - 376 MWh.

# OPERATING DATA REPORT

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Sean Goodwin  
 PREPARER TELEPHONE: 315-349-1213

1. Design Electrical Rating:	1299.9		
2. Maximum Dependable Capacity (MWe-Net)	1276.8		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,544.98	214,655.73
4. Number of Hours Generator On-line	744.00	4,508.69	211,107.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	945,665.24	5,776,372.39	234,602,073.27

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Exempt Losses (151 MWh total):

Expected Thermal Loss - 6th Point Feedwater Heater partition plate leakage - 151 MWh.

# OPERATING DATA REPORT

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Sean Goodwin  
 PREPARER TELEPHONE: 315-349-1213

1. Design Electrical Rating:	1299.9		
2. Maximum Dependable Capacity (MWe-Net)	1276.8		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,288.98	215,399.73
4. Number of Hours Generator On-line	744.00	5,252.69	211,851.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	943,528.52	6,719,900.91	235,545,601.79

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Exempt Losses (230 MWh total):

Expected Thermal Loss - 6th Point Feedwater Heater partition plate leakage - 230 MWh.

# OPERATING DATA REPORT

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Sean Goodwin  
 PREPARER TELEPHONE: 315-349-1213

1. Design Electrical Rating:	1299.9		
2. Maximum Dependable Capacity (MWe-Net)	1276.8		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,008.98	216,119.73
4. Number of Hours Generator On-line	720.00	5,972.69	212,571.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	919,183.89	7,639,084.80	236,464,785.68

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Exempt Losses (1636 MWh total):

Turbine Valve Testing, Sequence Exchange, SCRAM Time Testing - 1286 MWh.  
 Expected Thermal Loss - 6th Point Feedwater Heater partition plate leakage - 350 MWh.

# OPERATING DATA REPORT

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: W.C.BEASLEY  
 PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating:	973		
2. Maximum Dependable Capacity (MWe-Net)	948		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	283,575.38
4. Number of Hours Generator On-line	744.00	5,111.00	279,777.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	706,080.53	4,962,944.40	247,560,404.85

## UNIT SHUTDOWNS

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

SUMMARY Began the Month @ 100% Power, 1008 MWe. Ended the Month @ 100% Power, 990 MWe.

Note: Unplanned Energy Loss (Forced) attributed to Main Feed Pump Swap on 7-13-16

Note: Ending MW reading in lower due to increase in lake water temperature. Reference power level of 1023 was utilized for unplanned energy loss, however actual power loss was only 18 MW as initial MW were only 1001 due to elevated circ water temperature.

# OPERATING DATA REPORT

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: W.C. BEASLEY  
 PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating: 973  
 2. Maximum Dependable Capacity (MWe-Net) 948

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,855.00	284,319.38
4. Number of Hours Generator On-line	744.00	5,855.00	280,521.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	701,717.49	5,664,661.89	248,262,122.34

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Began the Month @ 100% Power, 990 MWe.

At 1900 on 8-29-16, 99.4% Power, 987 MWe, commenced end of life power coast down.

Ended the Month @ 98.6%, 982 MWe, end of life power coast down in progress.

# OPERATING DATA REPORT

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: W.C.BEASLEY  
 PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating:	973		
2. Maximum Dependable Capacity (MWe-Net)	948		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	239.60	6,094.60	284,558.98
4. Number of Hours Generator On-line	239.02	6,094.02	280,760.35
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	217,601.77	5,882,263.66	248,479,724.11

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
N1-2016-001	9/10/2016		S	480.98	C	1		Scheduled refueling outage

SUMMARY Began the Month @ 98.6% power, 982 MWe, end of life power coastdown in progress.

At 1930 on 9-10-16, commence ramping unit off line for a scheduled refueling outage. At 2301 on 9-10-16, unit is off line.

Ended the Month defueled.

Note:Planned energy loss of 493076 MW, also includes 2036 MW exempt energy loss for ramping Unit off line for scheduled refueling outage.  
 491,040 2036 = 493076



# OPERATING DATA REPORT

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: W.C.BEASLEY  
 PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating: 973  
 2. Maximum Dependable Capacity (MWe-Net) 944

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	713.03	4,251.70	270,803.34
4. Number of Hours Generator On-line	712.52	4,233.62	268,949.11
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	672,605.05	4,029,585.52	239,825,997.37

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
N2- 2016- 002	7/30/2016	F	31.48	A	1	Cool down to Mode 5 to repair leak on 2-RC-P-1C Seal Return Line

SUMMARY Began the Month @ 100% Power, 1005 MWe.

At 1152 on 7-30-16, Commence ramp down due to leak on 2-RC-P-1C Seal Return Line. At 1631 on 7-30-16, Unit is off line.

Ended the Month in Mode 5

# OPERATING DATA REPORT

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: W.C.BEASLEY  
 PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating: 973  
 2. Maximum Dependable Capacity (MWe-Net) 944

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	683.25	4,934.95	271,486.59
4. Number of Hours Generator On-line	672.08	4,905.70	269,621.19
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	618,694.95	4,648,280.47	240,444,692.32

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
N2- 2016- 002	7/30/2016	F	S	71.92	A	4	Cool down to Mode 5 to repair leak on 2-RC-P-1C Seal Return Line

SUMMARY Began the Month in Mode 5

At 1245 on 8-3-16, reactor is critical. At 2355 on 8-3-16, unit placed on line. At 0700 on 8-5-16, 98% Power, 977 MWe. At 0700 on 8-18-16, 100% Power, 990 MWe.

At 1000 on 8-31-16, commence ramping unit to 95% power, to repair 2-MS-GOV-1A. At 1041 on 8-31-16, 93.7% power, 935 MWe. At 1320 on 8-31-16, Stroke of 2-MS-GOV-1A is SAT. At 1332 on 8-31-16, commence ramp to full power. At 1700 on 8-31-16, 99.60% Power, 991 MWe.

Ended the Month @ 100% Power, 992 MWe.

Note: Unplanned Energy Loss 86,664.25 MW for the Unit Shutdown to repair leak on RCS system, and 440 MW to repair 2-MS-GOV -1A 87,104.3 MW

# OPERATING DATA REPORT

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: W.C.BEASLEY  
 PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating: 973  
 2. Maximum Dependable Capacity (MWe-Net) 944

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,654.95	272,206.59
4. Number of Hours Generator On-line	720.00	5,625.70	270,341.19
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	688,438.63	5,336,719.10	241,133,130.95

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Began the Month @ 100% power, 992 MWe. Ended the Month @ 100% power, 1018 MWe.

# OPERATING DATA REPORT

DOCKET: 269  
UNIT\_NME: Oconee Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Thomas Hunter  
PREPARER TELEPHONE: Thomas Hunter

1. Design Electrical Rating: 865  
2. Maximum Dependable Capacity (MWe-Net) 847

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,576.07	310,290.33
4. Number of Hours Generator On-line	744.00	4,535.38	306,132.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	627,719.00	3,856,474.00	252,912,531.00

## UNIT SHUTDOWNS

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

SUMMARY Unit One was at 100% Full Power (FP) at the beginning of July, 2016.

Unit One was at 100% FP at the end of July, 2016.

# OPERATING DATA REPORT

DOCKET: 269  
UNIT\_NME: Oconee Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Thomas Hunter  
PREPARER TELEPHONE: 8648733986

1. Design Electrical Rating: 865  
2. Maximum Dependable Capacity (MWe-Net) 847

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,320.07	311,034.33
4. Number of Hours Generator On-line	744.00	5,279.38	306,876.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	618,957.00	4,475,431.00	253,531,488.00

## UNIT SHUTDOWNS

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

SUMMARY Unit One was at 100% Full Power (FP) at the beginning of August, 2016.

Unit One was at 100% FP at the end of August, 2016.

# OPERATING DATA REPORT

DOCKET: 269  
 UNIT\_NME: Oconee Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Thomas Hunter  
 PREPARER TELEPHONE: 8648733986

- 1. Design Electrical Rating: 865
- 2. Maximum Dependable Capacity (MWe-Net) 847

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,040.07	311,754.33
4. Number of Hours Generator On-line	720.00	5,999.38	307,596.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	596,137.00	5,071,568.00	254,127,625.00

## UNIT SHUTDOWNS

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

SUMMARY Unit One was at 100% Full Power (FP) at the beginning of September, 2016.

09/09/1613:00Began power decrease from 100% FP to 96% FP in order to perform Turbine Valve Movement Periodic Test.

09/09/1613:20Completed power decrease to 96% FP.

09/09/1615:49Began power increase from 96% FP to 99.5% FP following completion of Turbine Valve Movement Periodic Test.

09/09/1616:26Completed power increase to 99.5% FP.

09/09/1616:45Began power increase from 99.5% FP to 100% FP.

09/09/1616:55Completed power increase to 100% FP.

Unit One was at 100% FP at the end of September, 2016.

# OPERATING DATA REPORT

DOCKET: 270  
UNIT\_NME: Oconee Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: Thomas Hunter  
PREPARER TELEPHONE: Thomas Hunter

1. Design Electrical Rating: 872  
2. Maximum Dependable Capacity (MWe-Net) 848

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	311,618.14
4. Number of Hours Generator On-line	744.00	5,111.00	308,421.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	640,056.00	4,459,787.00	255,278,422.00

## UNIT SHUTDOWNS

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

SUMMARY Unit Two was at 100% Full Power (FP) at the beginning of July, 2016.

Unit Two was at 100% FP at the end of July, 2016.

# OPERATING DATA REPORT

DOCKET: 270  
 UNIT\_NME: Oconee Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Thomas Hunter  
 PREPARER TELEPHONE: 8648733986

1. Design Electrical Rating: 872  
 2. Maximum Dependable Capacity (MWe-Net) 848

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,855.00	312,362.14
4. Number of Hours Generator On-line	744.00	5,855.00	309,165.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	632,568.00	5,092,355.00	255,910,990.00

## UNIT SHUTDOWNS

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

SUMMARY Unit Two was at 100% FP at the beginning of August, 2016.

Unit Two was at 100% FP at the end of August, 2016.



# OPERATING DATA REPORT

DOCKET: 270  
UNIT\_NME: Oconee Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: Thomas Hunter  
PREPARER TELEPHONE: 8648733986

1. Design Electrical Rating: 872  
2. Maximum Dependable Capacity (MWe-Net) 848

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	313,082.14
4. Number of Hours Generator On-line	720.00	6,575.00	309,885.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	609,321.00	5,701,676.00	256,520,311.00

## UNIT SHUTDOWNS

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

SUMMARY Unit Two was at 100% FP at the beginning of September, 2016.

Unit Two was at 100% FP at the end of September, 2016.

# OPERATING DATA REPORT

DOCKET: 287  
 UNIT\_NME: Oconee Unit 3  
 RPT\_PERIOD: 201607

PREPARER NAME: Thomas Hunter  
 PREPARER TELEPHONE: Thomas Hunter

1. Design Electrical Rating:	881		
2. Maximum Dependable Capacity (MWe-Net)	859		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,566.34	304,394.88
4. Number of Hours Generator On-line	744.00	4,542.95	301,090.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	642,479.00	3,925,499.00	252,687,247.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit Three was at 100% Full Power (FP) at the beginning of July, 2016.

Unit Three was at 100% FP at the end of July, 2016.

# OPERATING DATA REPORT

DOCKET: 287  
UNIT\_NME: Oconee Unit 3  
RPT\_PERIOD: 201608

PREPARER NAME: Thomas Hunter  
PREPARER TELEPHONE: 8648733986

1. Design Electrical Rating: 881  
2. Maximum Dependable Capacity (MWe-Net) 859

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,310.34	305,138.88
4. Number of Hours Generator On-line	744.00	5,286.95	301,834.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	635,571.00	4,561,070.00	253,322,818.00

## UNIT SHUTDOWNS

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

SUMMARY Unit Three was at 100% FP at the beginning of August, 2016.

Unit Three was at 100% FP at the end of August, 2016.

# OPERATING DATA REPORT

DOCKET: 287  
 UNIT\_NME: Oconee Unit 3  
 RPT\_PERIOD: 201609

PREPARER NAME: Thomas Hunter  
 PREPARER TELEPHONE: 8648733986

1. Design Electrical Rating:	881		
2. Maximum Dependable Capacity (MWe-Net)	859		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,030.34	305,858.88
4. Number of Hours Generator On-line	720.00	6,006.95	302,554.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	612,636.00	5,173,706.00	253,935,454.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit Three was at 100% FP at the beginning of September, 2016.

09/03/1611:05Began power decrease from 100% FP to 96% FP in order to perform Turbine Valve Movement Periodic Test.

09/03/1611:25Completed power decrease to 96% FP.

09/03/1614:10Began power increase from 96% FP to 99.5% FP following completion of Turbine Valve Movement Periodic Test.

09/03/1614:45Completed power increase to 99.5% FP.

09/03/1615:03Began power increase from 99.5% FP to 100% FP.

09/03/1615:08Completed power increase to 100% FP.

Unit Three was at 100% FP at the end of September, 2016.

# OPERATING DATA REPORT

DOCKET: 219  
 UNIT\_NME: Oyster Creek Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: C. Lefler  
 PREPARER TELEPHONE: 609-971-2158

1. Design Electrical Rating:	650		
2. Maximum Dependable Capacity (MWe-Net)	619		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,752.99	321,959.93
4. Number of Hours Generator On-line	744.00	4,687.66	316,559.16
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWHrs)	447,472.00	2,915,042.00	184,744,169.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The planned energy loss for July was 3,801 MWHrs for Rod Pattern Adjustments, Main Condenser Backwashing and Drywell Bulk Temperature Monitoring.

The unplanned energy loss for July was 0 MWHrs.

# OPERATING DATA REPORT

DOCKET: 219  
UNIT\_NME: Oyster Creek Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: C. Lefler Jr.  
PREPARER TELEPHONE: 609-971-2158

1. Design Electrical Rating: 650  
2. Maximum Dependable Capacity (MWe-Net) 619

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,496.99	322,703.93
4. Number of Hours Generator On-line	744.00	5,431.66	317,303.16
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWhrs)	429,866.00	3,344,908.00	185,174,035.40

## UNIT SHUTDOWNS

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

SUMMARY The unplanned and planned energy loss for August was 0 MWhrs.

# OPERATING DATA REPORT

DOCKET: 219  
 UNIT\_NME: Oyster Creek Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: C. Lefler  
 PREPARER TELEPHONE: 609-971-2158

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	434.90	5,931.89	323,138.83
4. Number of Hours Generator On-line	432.67	5,864.33	317,735.83
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWhrs)	242,675.00	3,587,583.00	185,416,710.40

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
1R26	9/19/2016		S	287.33	C	1		1R26 Refuel Outage

SUMMARY The unplanned energy loss for September was 0 MWhrs.

The planned energy loss was 191,960 MWhrs for the following:

1. 1,571 MWhrs for Core Spray Surveillances on 9/7
2. 5,074 MWhrs for ramp down to 1R26 on 9/18
3. 185,315 MWhrs for 1R26 from breaker open on 9/19 to the end of the month.

Losses excluded were 1,023 MWhrs due to downpower for Drywell Bulk Temperature on 9/1.

# OPERATING DATA REPORT

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: E Edwards  
 PREPARER TELEPHONE: 269-764-2086

1. Design Electrical Rating: 805  
 2. Maximum Dependable Capacity (MWe-Net) 777

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,111.00	275,895.97
4. Number of Hours Generator On-line	744.00	5,111.00	269,671.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	583,080.00	4,107,974.48	195,275,579.97

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Palisades operated at full power during the month of July.



# OPERATING DATA REPORT

DOCKET: 255  
UNIT\_NME: Palisades Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: E Edwards  
PREPARER TELEPHONE: 2697642086

1. Design Electrical Rating: 805  
2. Maximum Dependable Capacity (MWe-Net) 777

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	276,639.97
4. Number of Hours Generator On-line	744.00	5,855.00	270,415.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	583,768.00	4,691,742.48	195,859,347.97

## UNIT SHUTDOWNS

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

SUMMARY Palisades operated at full power during August 2016.

# OPERATING DATA REPORT

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: E Edwards  
 PREPARER TELEPHONE: 269-764-2086

1. Design Electrical Rating: 805  
 2. Maximum Dependable Capacity (MWe-Net) 777

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,575.00	277,359.97
4. Number of Hours Generator On-line	720.00	6,575.00	271,135.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	568,757.30	5,260,499.78	196,428,105.27

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Palisades operated at full power during the month of September, 2016.

# OPERATING DATA REPORT

DOCKET: 528  
 UNIT\_NME: Palo Verde Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Pete McSparran  
 PREPARER TELEPHONE: 623-393-6224

1. Design Electrical Rating: 1333  
 2. Maximum Dependable Capacity (MWe-Net) 1311

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,274.87	218,259.38
4. Number of Hours Generator On-line	723.63	4,222.55	216,069.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	928,769.33	5,417,478.30	266,121,864.30

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
16-02	7/30/2016		S	20.37	B	5	RX power decrease (Turbine offline/RX critical) to repair the Motor Operated Disconnect 910 insulator. (CR#16-11233)

**SUMMARY** The unit began the month in Mode 1 with the reactor at full power. On July 29th at 2047 the unit began a RX power decrease to 12% for a Turbine Offline Outage (RX remained Critical) to repair the Motor Operated Disconnect 910 insulator. The Turbine was manually tripped on July 30th at 0151. Repairs were completed and unit was synchronized to the grid on July 30th at 2213. The unit reached full power on July 31st at 1948. The unit ended the month in Mode 1 with the reactor at full power.

# OPERATING DATA REPORT

DOCKET: 528  
UNIT\_NME: Palo Verde Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Pete McSparran  
PREPARER TELEPHONE: 623-393-6224

1. Design Electrical Rating: 1333  
2. Maximum Dependable Capacity (MWe-Net) 1311

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,018.87	219,003.38
4. Number of Hours Generator On-line	744.00	4,966.55	216,813.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	975,280.04	6,392,758.34	267,097,144.34

## UNIT SHUTDOWNS

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

SUMMARY The unit began the month and ended the month in Mode 1 with the reactor at full power.

# OPERATING DATA REPORT

DOCKET: 528  
 UNIT\_NME: Palo Verde Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Pete McSparran  
 PREPARER TELEPHONE: 623-393-6224

1. Design Electrical Rating:	1333		
2. Maximum Dependable Capacity (MWe-Net)	1311		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	611.75	5,630.62	219,615.13
4. Number of Hours Generator On-line	588.27	5,554.82	217,401.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	743,304.27	7,136,062.61	267,840,448.61

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
16-03	9/7/2016	F		131.73	A	2	Manual RX trip due to stuck open RC-PV-100F Pressurizer Spray Valve after a broken fire sprinkler required load center shutdown and NNN-D11 alternate electrical supply power failed to transfer, causing voltage oscillations that adversely affected the Pressurizer Pressure Transmitter. (CR#16-14219)

**SUMMARY** The unit began the month in Mode 1 with the reactor at full power. On September 7th at 2131 hours the Reactor was manually tripped due to a partially stuck open Pressurizer Spray Valve (RC-PV-100F). A broken fire protection sprinkler required load center shutdown and during realignment of the power feed to the NNN-D11 electrical distribution panel, the alternate electrical supply power failed to transfer. This subjected NNN-D11 to a rapid succession of voltage oscillations during the switching operation, adversely affecting the Pressurizer Pressure Transmitter, ultimately causing degraded operation of the Pressurizer Spray Valve. On September 12th at 0946 the unit went critical and entered mode 1 at 2248 the same day. The unit was synchronized to the grid on September 13th at 0915 and reached full power on September 14th at 2200. The unit ended the month in Mode 1 with the Reactor at full power.

# OPERATING DATA REPORT

DOCKET: 529  
 UNIT\_NME: Palo Verde Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Pete McSparran  
 PREPARER TELEPHONE: 623-393-6224

1. Design Electrical Rating:	1336		
2. Maximum Dependable Capacity (MWe-Net)	1314		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,112.00	220,604.76
4. Number of Hours Generator On-line	744.00	5,112.00	218,581.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	981,102.53	6,816,810.02	275,665,938.52

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit began the month and ended the month in Mode 1 with the reactor at full power.

# OPERATING DATA REPORT

DOCKET: 529  
UNIT\_NME: Palo Verde Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: Pete McSparran  
PREPARER TELEPHONE: 623-393-6224

1. Design Electrical Rating:	1336		
2. Maximum Dependable Capacity (MWe-Net)	1314		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,856.00	221,348.76
4. Number of Hours Generator On-line	744.00	5,856.00	219,325.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	980,798.95	7,797,608.97	276,646,737.47

## UNIT SHUTDOWNS

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

SUMMARY The unit began the month and ended the month in Mode 1 with the reactor at full power.

# OPERATING DATA REPORT

DOCKET: 529  
 UNIT\_NME: Palo Verde Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Pete McSparran  
 PREPARER TELEPHONE: 623-393-6224

1. Design Electrical Rating:	1336		
2. Maximum Dependable Capacity (MWe-Net)	1314		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,576.00	222,068.76
4. Number of Hours Generator On-line	720.00	6,576.00	220,045.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	952,102.24	8,749,711.21	277,598,839.71

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit began the month and ended the month in Mode 1 with the reactor at full power.



# OPERATING DATA REPORT

DOCKET: 530  
 UNIT\_NME: Palo Verde Unit 3  
 RPT\_PERIOD: 201607

PREPARER NAME: Peter McSparran  
 PREPARER TELEPHONE: 623-393-6224

1. Design Electrical Rating: 1334  
 2. Maximum Dependable Capacity (MWe-Net) 1312

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,112.00	215,638.05
4. Number of Hours Generator On-line	744.00	5,112.00	213,822.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	975,229.15	6,770,027.26	267,234,916.25

## UNIT SHUTDOWNS

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

SUMMARY The unit began the month and ended the month in Mode 1 with the reactor at full power.

# OPERATING DATA REPORT

DOCKET: 530  
UNIT\_NME: Palo Verde Unit 3  
RPT\_PERIOD: 201608

PREPARER NAME: Pete McSparran  
PREPARER TELEPHONE: 623-393-6224

1. Design Electrical Rating:	1334		
2. Maximum Dependable Capacity (MWe-Net)	1312		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,856.00	216,382.05
4. Number of Hours Generator On-line	744.00	5,856.00	214,566.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	974,644.46	7,744,671.72	268,209,560.71

## UNIT SHUTDOWNS

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

SUMMARY The unit began the month and ended the month in Mode 1 with the reactor at full power.

# OPERATING DATA REPORT

DOCKET: 530  
 UNIT\_NME: Palo Verde Unit 3  
 RPT\_PERIOD: 201609

PREPARER NAME: Pete McSparran  
 PREPARER TELEPHONE: 623-393-6224

- 1. Design Electrical Rating: 1334
- 2. Maximum Dependable Capacity (MWe-Net) 1312

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	654.03	6,510.03	217,036.08
4. Number of Hours Generator On-line	635.53	6,491.53	215,201.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	793,052.41	8,537,724.13	269,002,613.12

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
16-01	9/19/2016	F	S	84.47	A	2		Main Turbine trip and RX Power Cutback due to degraded solder connection on voltage regulator circuit card for MG set causing voltage fluctuation on CEDMCS bus tripping the turbine. Conservatively initiated RX trip due to large power change at end of core life. (CR#16-14791)

**SUMMARY** The unit began the month in Mode 1 with the reactor at full power. On September 19th at 1434 hours the unit experienced a Main Turbine trip with Reactor Power Cutback. This was due to a degraded soldered connection on a voltage regulator circuit card at the Control Element Drive Mechanism Control System (CEDMCS) Motor/Generator Set, causing a voltage fluctuation on the CEDMCS bus which then tripped the turbine. A conservative decision was made to manually trip the Reactor at 1554 the same day due to the large power change with the unit at the end of core life. On September 22nd at 0952 the unit went critical, and entered Mode 1 at 1641 the same day. The generator was synchronized to the grid on September 23rd at 0302 and reached full power on September 27th at 1600. The unit ended the month in Mode 1 with the Reactor at full power.

# OPERATING DATA REPORT

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 717-456-4420

1. Design Electrical Rating:	1308		
2. Maximum Dependable Capacity (MWe-Net)	1217		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	744.00	5,111.00	295,356.69
4. Number of Hours Generator On-line	744.00	5,088.22	290,508.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	916,267.10	6,531,964.40	303,109,000.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 began the month of July at the 100% of maximum allowable power (3951 MWth).

On July 9, 2016 at 00:05, Unit 2 commenced a planned load reduction for a Rod Sequence Exchange. Minimum power of 3024 MWth (76.5% CTP) was reached on 7/9/16 at 01:05. The Unit was returned to 100% power on July 9, 2016 at 04:05.

Unit 2 ended the month of July at the 100% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 717-456-4420

1. Design Electrical Rating:	1308		
2. Maximum Dependable Capacity (MWe-Net)	1217		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	296,100.69
4. Number of Hours Generator On-line	744.00	5,832.22	291,252.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	886,036.70	7,418,001.10	303,995,037.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 began the month of August at the 100% of maximum allowable power (3951 MWth).

On August 20, 2016 at 23:01, Unit 2 commenced a planned load reduction to remove the 5A & 5C FWH from service as part of P2R21 coastdown. Minimum power of 3534 MWth (89.3% CTP) was reached on 8/20/16 at 23:32. The Unit was returned to 100% power on August 21, 2016 at 01:15.

Unit 2 ended the month of August at the 3878 MWth, 98.15% of maximum allowable power (3951 MWth) due to environmental conditions.

# OPERATING DATA REPORT

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 717-456-4420

1. Design Electrical Rating:	1308		
2. Maximum Dependable Capacity (MWe-Net)	1217		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	296,820.69
4. Number of Hours Generator On-line	720.00	6,552.22	291,972.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	853,883.50	8,271,884.60	304,848,920.50

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Unit 2 began the month of September at 3878 MWth, 98.15% of maximum allowable power (3951 MWth) due to environmental conditions.

On September 2, 2016 at 23:02, Unit 2 commenced a planned load reduction for a rod pattern adjustment and to clean condenser water boxes. Minimum power of 2329 MWth (58.9% CTP) was reached on 9/3/16 at 01:10. The Unit was returned to 100% power on September 3, 2016 at 11:01.

On September 7, 2016 at 23:01, Unit 2 commenced a planned load reduction to remove the 5B and 4A,B&C FWH from service due to End of Cycle Coast Down. Minimum power of 3659 MWth (92.6% CTP) was reached on 9/7/16 at 23:48. The Unit was returned to 100% power on September 8, 2016 at 03:45.

Unit 2 ended the month of September at the 3894 MWth, 98.6% of maximum allowable power (3951 MWth) due to P2R21 coast down.

# OPERATING DATA REPORT

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201607

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 717-456-4420

1. Design Electrical Rating:	1309		
2. Maximum Dependable Capacity (MWe-Net)	1234		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	744.00	5,111.00	294,169.15
4. Number of Hours Generator On-line	744.00	5,111.00	289,706.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	934,067.10	6,673,220.40	300,709,674.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 3 began the month of July at the 100% of maximum allowable power (3951 MWth).

On July 19, 2016 at 11:46, Unit 3 commenced a planned load reduction for a Rod Pattern Change. Minimum power of 3901.7 MWth (98.7% CTP) was reached on 7/19/16 at 11:52. The Unit was returned to 100% power on July 19, 2016 at 12:26.

On July 29, 2016 at 03:47, Unit 3 commenced an unplanned load reduction to secure 3C main circ water pump due to rotating screen high d/p. Minimum power of 3334.5 MWth (84.4% CTP) was reached on 7/29/16 at 05:24. The Unit was returned to 100% power on July 29, 2016 at 06:32.

Unit 3 ended the month of July at the 100% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201608

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 717-456-4420

1. Design Electrical Rating:	1309		
2. Maximum Dependable Capacity (MWe-Net)	1234		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	294,913.15
4. Number of Hours Generator On-line	744.00	5,855.00	290,450.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	929,594.70	7,602,815.10	301,639,268.70

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 3 began the month of August at the 100% of maximum allowable power (3951 MWth).  
 Unit 3 did not conduct any load reductions during the month of August 2016.  
 Unit 3 ended the month of August at the 100% of maximum allowable power (3951 MWth).



# OPERATING DATA REPORT

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201609

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 717-456-4420

1. Design Electrical Rating:	1309		
2. Maximum Dependable Capacity (MWe-Net)	1234		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	295,633.15
4. Number of Hours Generator On-line	720.00	6,575.00	291,170.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	906,055.50	8,508,870.60	302,545,324.20

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 3 began the month of September at the 100% of maximum allowable power (3951 MWth).

On September 11, 2016 at 09:01, Unit 3 commenced an unplanned load reduction for a rod sequence exchange (excluded per NEI 99-02) and condenser tube repair (excluded < 20% load reduction per NEI 99-02). Minimum power of 2020.3 MWth (51.1% CTP) was reached on 9/11/16 at 11:43. The Unit was returned to 100% power on September 12, 2016 at 03:45.

Unit 3 ended the month of September at the 100% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 440  
 UNIT\_NME: Perry Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: T. Phelps  
 PREPARER TELEPHONE: 440-280-7660

1. Design Electrical Rating:	1268		
2. Maximum Dependable Capacity (MWe-Net)	1240		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,841.70	210,451.52
4. Number of Hours Generator On-line	744.00	4,761.47	206,535.58
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	915,017.30	5,865,788.60	243,790,335.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Perry Nuclear Power Plant was on line the entire month of July 2016

# OPERATING DATA REPORT

DOCKET: 440  
 UNIT\_NME: Perry Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: T. Phelps  
 PREPARER TELEPHONE: 440-280-7660

1. Design Electrical Rating:	1268		
2. Maximum Dependable Capacity (MWe-Net)	1240		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,585.70	211,195.52
4. Number of Hours Generator On-line	744.00	5,505.47	207,279.58
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	902,058.80	6,767,847.40	244,692,394.10

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The Perry Nuclear Power Plant was on line the entire month of August, 2016

# OPERATING DATA REPORT

DOCKET: 440  
 UNIT\_NME: Perry Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: T. Phelps  
 PREPARER TELEPHONE: 440-280-7660

1. Design Electrical Rating:	1268		
2. Maximum Dependable Capacity (MWe-Net)	1240		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,305.70	211,915.52
4. Number of Hours Generator On-line	720.00	6,225.47	207,999.58
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	850,546.60	7,618,394.00	245,542,940.70

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The Perry Nuclear Power Plant was on line the entire month of September. The plant performed one planned downpower for a control rod sequence exchange. A forced/unplanned downpower was performed due to a trip of Reactor Feed Booster Pump A. Plant ended the month at full power,

# OPERATING DATA REPORT

DOCKET: 293  
 UNIT\_NME: Pilgrim Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Brent Lyons  
 PREPARER TELEPHONE: 508-830-8270

1. Design Electrical Rating:	690		
2. Maximum Dependable Capacity (MWe-Net)	684.7		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,065.88	294,092.55
4. Number of Hours Generator On-line	744.00	5,037.33	291,126.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	501,419.94	3,366,222.32	180,614,718.85

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Pilgrim entered the month operating at 100% Rated Core Thermal Power (RCTP) and maintained this power level throughout the month.

# OPERATING DATA REPORT

DOCKET: 293  
 UNIT\_NME: Pilgrim Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Brent Lyons  
 PREPARER TELEPHONE: 508-830-8270

1. Design Electrical Rating:	690		
2. Maximum Dependable Capacity (MWe-Net)	684.7		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	673.20	5,739.08	294,765.75
4. Number of Hours Generator On-line	660.67	5,698.00	291,786.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	396,645.00	3,762,867.32	181,011,363.85

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2	8/21/2016	F		83.33	A	1	On August 21st, 2016 at 08:05, operators commenced a controlled reactor shutdown in order to repair MSIV AO-203-1C. The main generator was removed from the grid on August 21st, 2016 at 13:09. The reactor was declared shutdown on August 21st, 2016 at 14:25. As of August 21st, 2016 at 16:52, all control rods were fully inserted. On August 24th, 2016 at 13:13, the reactor was declared critical. On August 25th, 2016 at 00:29, the main generator was synchronized to the grid. On August 25th 2016 at 23:09, reactor power achieved 100% RCTP.

**SUMMARY** Pilgrim entered August 2016 operating at 100% Rated Core Thermal Power (RCTP). On August 3rd, 2016 at 04:19, reactor power was reduced due to high Salt Service Water (SSW) inlet temperature. On August 4th, 2016 at 01:10, reactor power was returned to 100% Rate Core Thermal Power (RCTP). The minimum power level achieved during this evolution was 88.6% RCTP. On August 15th, 2016 at 13:07, reactor power was reduced to approximately 63% RCTP due to high SSW inlet temperature. Reactor power was maintained at this value until August 16th, 2016 at 01:48. At this time, reactor power was reduced to approximately 40.8% RCTP to support a main condenser thermal backwash evolution. The minimum power achieved during the evolution was 40.8%. On August 17th, 2016 at 04:57, reactor power ascension was secured at 75%RCTP due to MSIV AO-203-1C being declared inoperable as a result of excessive stroke time. On August 21st, 2016 at 08:05, operators commenced a controlled reactor shutdown in order to repair MSIV AO-203-1C. The main generator was removed from the grid on August 21st, 2016 at 13:09. The reactor was declared shutdown on August 21st, 2016 at 14:25. As of August 21st, 2016 at 16:52, all control rods were fully inserted. On August 24th, 2016 at 13:13, the reactor was declared critical. On August 25th, 2016 at 00:29, the main generator was synchronized to the grid. On August 25th 2016 at 23:09, reactor power achieved 100% RCTP. On August 26th 2016 at 03:00, reactor power was reduced to perform a control rod pattern adjustment. On August 26th, 2016 at 04:57, reactor power was returned to 100% RCTP. The minimum reactor power level achieved during the evolution was 73.7%. On August 26th 2016 at 23:00, reactor power was reduced to perform another control rod pattern adjustment. On August 27th, 2016 at 01:16, reactor power was returned to 100%. The minimum reactor power level achieved during the evolution was 73.4%. Reactor power was maintained at 100%RCTP throughout the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 293  
 UNIT\_NME: Pilgrim Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Brent Lyons  
 PREPARER TELEPHONE: 508-830-8270

1. Design Electrical Rating:	690		
2. Maximum Dependable Capacity (MWe-Net)	684.7		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	501.02	6,240.10	295,266.77
4. Number of Hours Generator On-line	461.07	6,159.07	292,247.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	297,303.00	4,060,170.32	181,308,666.85

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
3	9/6/2016	F		258.93	A	2	On September 6th, 2016 at 08:27, a manual scram was inserted due to a malfunctioning Feedwater Regulating valve 'A'. Following repairs to the Feedwater Regulating valves, on September 12th, 2016 at 03:43, operators commenced withdrawal of control rods for reactor startup. On September 12th, 2016 at 08:41, the reactor was declared critical. On September 12th, 2016 at 09:46, the Main Turbine Turning Gear failed to engage. Due to the anticipated repair time, on September 13th, 2016 at 11:16, an orderly reactor shutdown was initiated by inserting control rods in accordance with PNPS 2.1.5 Attachment 1 Section A. On September 13th, 2016 at 12:23 with the reactor at approximately 6% RCTP, a manual reactor scram was inserted as part of a planned evolution in accordance with PNPS 2.1.5 Attachment 1 Section 'A'. Following the repair of the Main Turbine Turning Gear, on September 16th, 2016 at 09:59, operators commenced control rod withdrawal for reactor startup and at 14:02, the reactor was declared critical. On September 17th, 2016 at 03:23, the Main Turbine Generator was synchronized to the grid. On September 18th, 2016 at 01:48, the reactor attained 100% RCTP.

**SUMMARY** Pilgrim entered September 2016 operating at 100% Rated Core Thermal Power (RCTP). On September 5th, 2016 at 10:13, reactor power was reduced due to approximately 90% RCTP due to high Salt Service Water (SSW) inlet temperature. On September 6th, 2016 at 08:27, a manual scram was inserted due to a malfunctioning Feedwater Regulating valve 'A'. Following repairs to the Feedwater Regulating valves, on September 12th, 2016 at 03:43, operators commenced withdrawal of control rods for reactor startup. On September 12th, 2016 at 08:41, the reactor was declared critical. On September 12th, 2016 at 09:46, the Main Turbine Turning Gear failed to engage. Due to the anticipated repair time, on September 13th, 2016 at 11:16, an orderly reactor shutdown was initiated by inserting control rods in accordance with PNPS 2.1.5 Attachment 1 Section A. On September 13th, 2016 at 12:18 with the reactor at approximately 6% RCTP, a manual reactor scram was inserted as part of a planned evolution in accordance with PNPS 2.1.5 Attachment 1 Section 'A'. Following the repair of the Main Turbine Turning Gear, on September 9th, 2016 at 09:59, operators commenced control rod withdrawal for reactor startup and at 14:02, the reactor was declared critical. On September 17th, 2016 at 09:23, the Main Turbine Generator was synchronized to the grid. On September 18th, 2016 at 01:48, the reactor attained 100% RCTP. On September 18th, 2016 at 08:09, operators commenced a reactor downpower to adjust the control rod pattern. On September 18th, 2016 at 10:51, the reactor was returned to 100% RCTP. The minimum reactor power level achieved during the evolution was 68.8% RCTP. On September 19th, 2016 at 01:00, operators once again commenced a downpower to adjust the control rod pattern. On September 19th, 2016 at 02:39, reactor power was once again returned to 100% RCTP. The minimum reactor power level achieved during the evolution was 75.7%. Reactor power was maintained at 100% RCTP throughout the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 266  
UNIT\_NME: Point Beach Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Roger Clark  
PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating: 615  
2. Maximum Dependable Capacity (MWe-Net) 576

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,547.47	340,289.70
4. Number of Hours Generator On-line	744.00	4,522.48	336,179.41
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	444,649.90	2,677,659.30	163,283,919.10

## UNIT SHUTDOWNS

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

SUMMARY



# OPERATING DATA REPORT

DOCKET: 266  
UNIT\_NME: Point Beach Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Roger Clark  
PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating: 615  
2. Maximum Dependable Capacity (MWe-Net) 576

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,291.47	341,033.70
4. Number of Hours Generator On-line	744.00	5,266.48	336,923.41
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	439,170.30	3,116,829.60	163,723,089.40

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 266  
UNIT\_NME: Point Beach Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Roger Clark  
PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating: 615  
2. Maximum Dependable Capacity (MWe-Net) 576

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,011.47	341,753.70
4. Number of Hours Generator On-line	720.00	5,986.48	337,643.41
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	428,720.40	3,545,550.00	164,151,809.80

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 301  
UNIT\_NME: Point Beach Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: Roger Clark  
PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating: 615  
2. Maximum Dependable Capacity (MWe-Net) 578

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	333,314.65
4. Number of Hours Generator On-line	744.00	5,111.00	329,751.52
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	446,063.90	3,079,110.80	162,958,283.60

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 301  
UNIT\_NME: Point Beach Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: Roger Clark  
PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating: 615  
2. Maximum Dependable Capacity (MWe-Net) 578

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	334,058.65
4. Number of Hours Generator On-line	744.00	5,855.00	330,495.52
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	440,648.30	3,519,759.10	163,398,931.90

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 301  
UNIT\_NME: Point Beach Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: Roger Clark  
PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating: 615  
2. Maximum Dependable Capacity (MWe-Net) 578

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	334,778.65
4. Number of Hours Generator On-line	720.00	6,575.00	331,215.52
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	430,501.40	3,950,260.50	163,829,433.30

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Jonathan Pomales  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557		
2. Maximum Dependable Capacity (MWe-Net)	522.1		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	328,061.28
4. Number of Hours Generator On-line	744.00	5,111.00	325,396.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	392,544.00	2,727,037.00	165,653,635.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 was baseloaded for the month of July 2016.

# OPERATING DATA REPORT

DOCKET: 282  
UNIT\_NME: Prairie Island Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Jonathan Pomales  
PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557		
2. Maximum Dependable Capacity (MWe-Net)	522.1		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	328,805.28
4. Number of Hours Generator On-line	744.00	5,855.00	326,140.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	393,423.00	3,120,460.00	166,047,058.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 was baseloaded for the month of August 2016.

# OPERATING DATA REPORT

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Jonathan Pomales  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557		
2. Maximum Dependable Capacity (MWe-Net)	522.1		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	329,525.28
4. Number of Hours Generator On-line	720.00	6,575.00	326,860.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	386,062.00	3,506,522.00	166,433,120.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 was baseloaded for the month of September 2016



# OPERATING DATA REPORT

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Jonathan Pomales  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557		
2. Maximum Dependable Capacity (MWe-Net)	518.8		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	3,849.23	323,266.94
4. Number of Hours Generator On-line	744.00	3,826.63	321,017.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	397,471.00	2,052,181.00	163,125,716.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 was baseloaded for the month of July 2016.

# OPERATING DATA REPORT

DOCKET: 306  
UNIT\_NME: Prairie Island Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: Jonathan Pomales  
PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557		
2. Maximum Dependable Capacity (MWe-Net)	518.8		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,593.23	324,010.94
4. Number of Hours Generator On-line	744.00	4,570.63	321,761.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	399,010.00	2,451,191.00	163,524,726.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 was baseloaded for the month of August 2016.

# OPERATING DATA REPORT

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Jonathan Pomales  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557		
2. Maximum Dependable Capacity (MWe-Net)	518.8		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,313.23	324,730.94
4. Number of Hours Generator On-line	720.00	5,290.63	322,481.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	390,146.00	2,841,337.00	163,914,872.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 was baseloaded for the month of September 2016

# OPERATING DATA REPORT

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Lisa J. Clark  
 PREPARER TELEPHONE: 309-227-2815

1. Design Electrical Rating:	963.99		
2. Maximum Dependable Capacity (MWe-Net)	887.2		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	323,459.88
4. Number of Hours Generator On-line	744.00	5,111.00	317,511.34
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	675,104.00	4,715,552.00	232,651,510.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1  
 7/30, 135.5 MWh, Rod Pattern Adjustment, SPEL  
 Unplanned - None

# OPERATING DATA REPORT

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Lisa J Clark  
 PREPARER TELEPHONE: 309-227-2815

1. Design Electrical Rating:	963.99		
2. Maximum Dependable Capacity (MWe-Net)	887.2		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	324,203.88
4. Number of Hours Generator On-line	744.00	5,855.00	318,255.34
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	676,253.00	5,391,805.00	233,327,763.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1  
 PEL - none  
 UPEL - none

# OPERATING DATA REPORT

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Lisa J. Clark  
 PREPARER TELEPHONE: 309-227-2815

1. Design Electrical Rating:	963.99		
2. Maximum Dependable Capacity (MWe-Net)	887.2		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	324,923.88
4. Number of Hours Generator On-line	720.00	6,575.00	318,975.34
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	657,123.00	6,048,928.00	233,984,886.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1  
 9/3 - 9/4/2016, 1494 MWh, EREL, Turbine Testing  
 9/16/2016, 266 MWh, PEL, Control Rod Recovery  
 9/18, 9/19, 9/20, 9/21, 9/22, 9/23, 9/25, 9/26, 9/28/2016, 3747 MWh, Not P or U, Advanced Nuclear Dispatch  
 UPEL - none

# OPERATING DATA REPORT

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Lisa J. Clark  
 PREPARER TELEPHONE: 309-227-2815

1. Design Electrical Rating:	957.3		
2. Maximum Dependable Capacity (MWe-Net)	888		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,696.20	315,601.90
4. Number of Hours Generator On-line	744.00	4,662.73	310,308.33
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	670,331.00	4,167,300.00	234,270,910.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2  
 7/4, 7/6, 7/8, 7/11, 7/12, 7/13, 7/14, 7/14, 7/17, 7/19-7/20, 4462 MWh, Not P or U, Advanced Nuclear Dispatch  
 Planned - None  
 Unplanned - None

# OPERATING DATA REPORT

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Lisa J Clark  
 PREPARER TELEPHONE: 309-227-2815

1. Design Electrical Rating:	957.3		
2. Maximum Dependable Capacity (MWe-Net)	888		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,440.20	316,345.90
4. Number of Hours Generator On-line	744.00	5,406.73	311,052.33
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	672,548.00	4,839,848.00	234,943,458.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2  
 8/1, 8/11, 8/22, 8/23/2016, 1282 MWh, Not P or U, Advanced Nuclear Dispatch  
 PEL - none  
 UPEL - none



# OPERATING DATA REPORT

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Lisa J. Clark  
 PREPARER TELEPHONE: 309-227-2815

1. Design Electrical Rating:	957.3		
2. Maximum Dependable Capacity (MWe-Net)	888		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,160.20	317,065.90
4. Number of Hours Generator On-line	720.00	6,126.73	311,772.33
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	661,035.00	5,500,883.00	235,604,493.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2  
 PEL - none  
 UPEL - none

# OPERATING DATA REPORT

DOCKET: 458  
UNIT\_NME: River Bend Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Thomas J. Bolke  
PREPARER TELEPHONE: (225)381-3719

1. Design Electrical Rating: 967  
2. Maximum Dependable Capacity (MWe-Net) 967

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	3,931.91	228,621.78
4. Number of Hours Generator On-line	744.00	3,827.82	223,634.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	716,246.00	3,547,542.00	206,031,150.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 458  
UNIT\_NME: River Bend Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Thomas J. Bolke  
PREPARER TELEPHONE: (225)381-3719

1. Design Electrical Rating: 967  
2. Maximum Dependable Capacity (MWe-Net) 967

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,675.91	229,365.78
4. Number of Hours Generator On-line	744.00	4,571.82	224,378.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	713,604.00	4,261,146.00	206,744,754.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 458  
UNIT\_NME: River Bend Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Thomas J. Bolke  
PREPARER TELEPHONE: (225)381-3719

1. Design Electrical Rating: 967  
2. Maximum Dependable Capacity (MWe-Net) 967

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,395.91	230,085.78
4. Number of Hours Generator On-line	720.00	5,291.82	225,098.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	696,778.00	4,957,924.00	207,441,532.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 261  
UNIT\_NME: Robinson Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: T. Surma  
PREPARER TELEPHONE: 843-857-1086

1. Design Electrical Rating: 795  
2. Maximum Dependable Capacity (MWe-Net) 741

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	317,890.41
4. Number of Hours Generator On-line	744.00	5,111.00	314,161.83
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	551,596.00	3,939,179.00	214,841,829.00

## UNIT SHUTDOWNS

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

SUMMARY No July losses.

# OPERATING DATA REPORT

DOCKET: 261  
 UNIT\_NME: Robinson Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: T. Surma  
 PREPARER TELEPHONE: 843-857-1086

1. Design Electrical Rating: 795  
 2. Maximum Dependable Capacity (MWe-Net) 741

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	565.63	5,676.63	318,456.04
4. Number of Hours Generator On-line	565.63	5,676.63	314,727.46
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	415,119.00	4,354,298.00	215,256,948.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
R230 M2	8/24/2016	F		178.37	H	3	Unit tripped (auto scram) due to turbine trip block contacting the turbine trip box during removal.

SUMMARY Unit tripped (auto scram) due to turbine trip block contacting the turbine trip box. Performed planned LP turbine blade replacement.

# OPERATING DATA REPORT

DOCKET: 261  
 UNIT\_NME: Robinson Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: T. Surma  
 PREPARER TELEPHONE: 843-857-1086

1. Design Electrical Rating: 795  
 2. Maximum Dependable Capacity (MWe-Net) 741

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	619.97	6,296.60	319,076.01
4. Number of Hours Generator On-line	611.08	6,287.71	315,338.54
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	441,462.00	4,795,760.00	215,698,410.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
R230 M2	8/24/2016	F		108.92	H	4	Unit tripped (auto scram) due to turbine trip block contacting the turbine trip box during removal.

SUMMARY Performed planned LP turbine blade replacement.

# OPERATING DATA REPORT

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Kevin Falciani  
 PREPARER TELEPHONE: 856-339-2017

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1116		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	67.57	2,582.57	250,639.77
4. Number of Hours Generator On-line	25.57	2,540.57	244,812.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	6,431.00	2,970,935.00	263,207,553.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
1R24	4/14/2016		S	718.43	C	4		1R24 Refueling Outage

**SUMMARY** Refueling outage 1R24 scheduled end date was 5/12/16 at 20:00, unit remained offline through 07/30/2016 22:26 due to an outage extension from Degraded Reactor Baffle Bolts discovered during routine inspection.



# OPERATING DATA REPORT

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Alexander Barch  
 PREPARER TELEPHONE: 8563392545

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1116		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	3,326.57	251,383.77
4. Number of Hours Generator On-line	744.00	3,284.57	245,556.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	816,285.00	3,787,220.00	264,023,838.00

## UNIT SHUTDOWNS

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

# OPERATING DATA REPORT

DOCKET: 272  
UNIT\_NME: Salem Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Alexander Barch  
PREPARER TELEPHONE: 856-339-2545

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1116		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	4,046.57	252,103.77
4. Number of Hours Generator On-line	720.00	4,004.57	246,276.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	633,146.00	4,420,366.00	264,656,984.00

## UNIT SHUTDOWNS

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

SUMMARY Unplanned losses due to 11 SGFP downpower

# OPERATING DATA REPORT

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Kevin Falciani  
 PREPARER TELEPHONE: 856-339-2017

1. Design Electrical Rating: 1181  
 2. Maximum Dependable Capacity (MWe-Net) 1134

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	734.27	4,982.10	228,741.58
4. Number of Hours Generator On-line	112.03	4,301.44	223,799.71
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	59,562.00	4,931,060.00	241,034,433.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
S16-5	7/11/2016	F		249.77	A	5	An initial reactor turbine trip occurred in June due to generator protection. Second of three unplanned generator trips that occurred in the month of July due to the same issue. The trips were due to a ground in the "A" Main Power Transformer. Troubleshooting was performed to identify the intermittent ground. A root cause evaluation will be performed on order 70187998.
S216-6	7/24/2016	F		168.92	A	5	An initial reactor turbine trip occurred in June due to generator protection. Third of three unplanned generator trips that occurred in the month of July due to the same issue. The trips were due to a ground in the "A" Main Power Transformer. Troubleshooting was performed to identify the intermittent ground. A root cause evaluation will be performed on order 70187998.
S216-3	6/28/2016	F		62.07	A	4	Unplanned trip due to Generator Voltage Regulator Protection. Reference notification 20733682.
S216-3	7/4/2016	F		151.22	A	5	An initial reactor turbine trip occurred in June due to generator protection. First of three unplanned generator trips that occurred in the month of July due to the same issue. The trips were due to a ground in the "A" Main Power Transformer. Troubleshooting was performed to identify the intermittent ground. A root cause evaluation will be performed on order 70187998.

**SUMMARY** An initial reactor turbine trip occurred in June due to generator protection. Three unplanned generator trips occurred in the month of July due to the same issue. The trips were due to a ground in the "A" Main Power Transformer. Troubleshooting was performed to identify the intermittent ground. A root cause evaluation will be performed on order 70187998.

# OPERATING DATA REPORT

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Alexander Barch  
 PREPARER TELEPHONE: 8563392545

1. Design Electrical Rating:	1181		
2. Maximum Dependable Capacity (MWe-Net)	1134		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	735.20	5,717.30	229,476.78
4. Number of Hours Generator On-line	562.90	4,864.34	224,362.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	622,717.00	5,553,777.00	241,657,150.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
S216-07	8/31/2016	F		8.80	A	3	21 RCP trip Root Cause to be performed under 20739531 / 60131079
S216-6	7/24/2016	F		172.30	A	4	An initial reactor turbine trip occurred in June due to generator protection. Third of three unplanned generator trips that occurred in the month of July due to the same issue. The trips were due to a ground in the "A" Main Power Transformer. Troubleshooting was performed to identify the intermittent ground. A root cause evaluation will be performed on order 70187998.

SUMMARY

# OPERATING DATA REPORT

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Alexander Barch  
 PREPARER TELEPHONE: 856-339-2545

1. Design Electrical Rating: 1181  
 2. Maximum Dependable Capacity (MWe-Net) 1134

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	602.10	6,319.40	230,078.88
4. Number of Hours Generator On-line	588.12	5,452.46	224,950.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	628,018.00	6,181,795.00	242,285,168.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
S216-07	8/31/2016	F		131.88	A	4	21 RCP trip Root Cause to be performed under 20739531 / 60131079

SUMMARY Unplanned losses due to RCP trip on 8/31/16

# OPERATING DATA REPORT

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Kathleen C. Mahoney  
 PREPARER TELEPHONE: 603-773-7077

1. Design Electrical Rating:	1248		
2. Maximum Dependable Capacity (MWe-Net)	1246		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,006.72	204,652.73
4. Number of Hours Generator On-line	744.00	4,994.37	201,002.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	928,940.69	6,178,262.98	234,628,926.47

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit operated at 100% power 744 out of 744 hours this month. This yielded an availability factor of 100% and a capacity factor of 100.2068 based on the MDC of 1246 MWe.

# OPERATING DATA REPORT

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Kathleen C. Mahoney  
 PREPARER TELEPHONE: 603-773-7077

1. Design Electrical Rating:	1248		
2. Maximum Dependable Capacity (MWe-Net)	1246		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,750.72	205,396.73
4. Number of Hours Generator On-line	744.00	5,738.37	201,746.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	926,219.11	7,104,482.09	235,555,145.58

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit operated at 100% power 744 out of 744 hours this month. Unplanned energy loss due to issues with a Circulating Water pump which decreased plant efficiency. This yielded an availability factor of 100.000% and a capacity factor of 99.9132% based on the MDC of 1246 MWe.

# OPERATING DATA REPORT

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Kathleen C. Mahoney  
 PREPARER TELEPHONE: 603-773-7077

1. Design Electrical Rating:	1248		
2. Maximum Dependable Capacity (MWe-Net)	1246		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,470.72	206,116.73
4. Number of Hours Generator On-line	720.00	6,458.37	202,466.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	897,044.49	8,001,526.58	236,452,190.07

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit operated at 100% power 714 out of 720 hours this month. This yielded an availability factor of 100% and a capacity factor of 99.9916% based on the MDC of 1246 MWe.



# OPERATING DATA REPORT

DOCKET: 327  
UNIT\_NME: Sequoyah Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Marlena Northington  
PREPARER TELEPHONE: 423-843-8418

1. Design Electrical Rating:	1184.37		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,049.22	233,257.81
4. Number of Hours Generator On-line	744.00	3,974.37	230,649.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	831,863.80	4,505,376.90	256,405,793.10

## UNIT SHUTDOWNS

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

SUMMARY U1 NRC Capacity Factor is 97.1% for the month of July 2016.

# OPERATING DATA REPORT

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Marlena Northington  
 PREPARER TELEPHONE: 423-843-8418

1. Design Electrical Rating:	1184.37		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,793.22	234,001.81
4. Number of Hours Generator On-line	744.00	4,718.37	231,393.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	826,574.50	5,331,951.40	257,232,367.60

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY U1 NRC Capacity Factor is 96.44% for the month of August 2016.

# OPERATING DATA REPORT

DOCKET: 327  
UNIT\_NME: Sequoyah Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Marlena Northington  
PREPARER TELEPHONE: 423-751-2950

1. Design Electrical Rating:	1184.37		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,513.22	234,721.81
4. Number of Hours Generator On-line	720.00	5,438.37	232,113.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	807,288.00	6,139,239.40	258,039,655.60

## UNIT SHUTDOWNS

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

SUMMARY U1 NRC Capacity Factor is 97.3% for the month of September 2016.

# OPERATING DATA REPORT

DOCKET: 328  
 UNIT\_NME: Sequoyah Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Marlena Northington  
 PREPARER TELEPHONE: 423-843-8418

1. Design Electrical Rating:	1177.46		
2. Maximum Dependable Capacity (MWe-Net)	1139.5		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,077.27	238,642.28
4. Number of Hours Generator On-line	744.00	4,852.80	235,482.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	823,639.20	5,451,782.40	257,391,552.90

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY U2 NRC Capacity Factor is 97.2% for the month of July 2016.

# OPERATING DATA REPORT

DOCKET: 328  
UNIT\_NME: Sequoyah Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: Marlena Northington  
PREPARER TELEPHONE: 423-843-8418

1. Design Electrical Rating:	1177.46		
2. Maximum Dependable Capacity (MWe-Net)	1139.5		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,821.27	239,386.28
4. Number of Hours Generator On-line	744.00	5,596.80	236,226.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	818,070.50	6,269,852.90	258,209,623.40

## UNIT SHUTDOWNS

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

SUMMARY U2 NRC Capacity Factor is 96.49% for the month of August 2016.

# OPERATING DATA REPORT

DOCKET: 328  
 UNIT\_NME: Sequoyah Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: Marlena Northington  
 PREPARER TELEPHONE: 423-751-2950

1. Design Electrical Rating:	1177.46		
2. Maximum Dependable Capacity (MWe-Net)	1139.5		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,541.27	240,106.28
4. Number of Hours Generator On-line	720.00	6,316.80	236,946.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	798,704.00	7,068,556.90	259,008,327.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY U2 NRC Capacity Factor is 97.4% for the month of September 2016.

# OPERATING DATA REPORT

DOCKET: 498  
UNIT\_NME: South Texas Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: R.L. Hill  
PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.6		
2. Maximum Dependable Capacity (MWe-Net)	1250.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,947.37	208,076.28
4. Number of Hours Generator On-line	744.00	4,925.77	203,317.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	963,382.00	6,473,921.00	257,130,955.00

## UNIT SHUTDOWNS

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

SUMMARY Normal operation

# OPERATING DATA REPORT

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: R.L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.6		
2. Maximum Dependable Capacity (MWe-Net)	1250.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,691.37	208,820.28
4. Number of Hours Generator On-line	744.00	5,669.77	204,061.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	963,503.00	7,437,424.00	258,094,458.00

## UNIT SHUTDOWNS

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

SUMMARY Normal operation



# OPERATING DATA REPORT

DOCKET: 498  
UNIT\_NME: South Texas Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: R.L. Hill  
PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.6		
2. Maximum Dependable Capacity (MWe-Net)	1250.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,411.37	209,540.28
4. Number of Hours Generator On-line	720.00	6,389.77	204,781.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	934,420.00	8,371,844.00	259,028,878.00

## UNIT SHUTDOWNS

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

SUMMARY Normal operation

# OPERATING DATA REPORT

DOCKET: 499  
 UNIT\_NME: South Texas Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: R.L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.6		
2. Maximum Dependable Capacity (MWe-Net)	1250.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	199,090.65
4. Number of Hours Generator On-line	744.00	5,111.00	196,474.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	960,181.00	6,724,605.00	248,314,943.00

## UNIT SHUTDOWNS

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

# OPERATING DATA REPORT

DOCKET: 499  
 UNIT\_NME: South Texas Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: R.L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.6		
2. Maximum Dependable Capacity (MWe-Net)	1250.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	199,834.65
4. Number of Hours Generator On-line	744.00	5,855.00	197,218.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	959,892.00	7,684,497.00	249,274,835.00

## UNIT SHUTDOWNS

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

# OPERATING DATA REPORT

DOCKET: 499  
UNIT\_NME: South Texas Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: R.L. Hill  
PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.6		
2. Maximum Dependable Capacity (MWe-Net)	1250.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	200,554.65
4. Number of Hours Generator On-line	720.00	6,575.00	197,938.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	930,566.00	8,615,063.00	250,205,401.00

## UNIT SHUTDOWNS

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

SUMMARY Normal operation

# OPERATING DATA REPORT

DOCKET: 335  
UNIT\_NME: St. Lucie Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: K R Boller  
PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1062		
2. Maximum Dependable Capacity (MWe-Net)	981		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	291,082.91
4. Number of Hours Generator On-line	744.00	5,111.00	288,515.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	734,854.00	5,082,514.00	242,418,149.00

## UNIT SHUTDOWNS

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

SUMMARY PSL 1 operated in mode 1 the entire report period.

# OPERATING DATA REPORT

DOCKET: 335  
 UNIT\_NME: St. Lucie Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1062		
2. Maximum Dependable Capacity (MWe-Net)	981		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	167.77	5,278.77	291,250.68
4. Number of Hours Generator On-line	94.90	5,205.90	288,610.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	42,264.00	5,124,778.00	242,460,413.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
41	8/1/2016	F		486.65	A	2	Unit shutdown performed after a rapid down power IAW 1-AOP-22.01 for a leak at FE 3311 initially identified as within the RCS pressure boundary, but subsequently determined not to be RCS pressure boundary leakage. PSL1 returned to service on 8/21/2016 at 1202 and shut down later the same day (SSN 42).
42	8/21/2016	F		162.45	A	3	PSL 1 online ascending power until 1926 when a generator trip device improperly actuated causing the main generator to trip resulting in an automatic SCRAM. PSL 1 experienced a loss of offsite power following the shutdown. PSL 1 returned to service on 8/28/2016 and remained online until 09/26/2016 (SSN 43).

SUMMARY PSL 1 exited mode 1 operation on 8/1/2016 at 0523. PSL 1 returned to mode 1 operation on 8/21/2016 at 0352 and exited mode 1 at 1926 also on 8/21/2016. PSL 1 entered mode 1 operation on 8/26/2016 at 0105 and exited mode 1 at 0435 also on 8/26/2016. PSL 1 returned to mode 1 on 8/28/2016 at 0341. PSL 1 remained in mode 1 through the end of the report period.

# OPERATING DATA REPORT

DOCKET: 335  
 UNIT\_NME: St. Lucie Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1062		
2. Maximum Dependable Capacity (MWe-Net)	981		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	600.02	5,878.79	291,850.70
4. Number of Hours Generator On-line	600.02	5,805.92	289,210.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	579,318.00	5,704,096.00	243,039,731.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
43	9/26/2016	S	119.98	C	1	Scheduled refueling and maintenance SL1-27.

SUMMARY PSL 1 operated in mode 1 until 9/26/2016 at 00:01 when the unit was shutdown for refueling and maintenance. PSL 1 remained offline through the end of the report period.

# OPERATING DATA REPORT

DOCKET: 389  
UNIT\_NME: St. Lucie Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: K R Boller  
PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1074		
2. Maximum Dependable Capacity (MWe-Net)	987		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	249,578.60
4. Number of Hours Generator On-line	744.00	5,111.00	246,990.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	746,434.00	5,172,241.00	209,463,312.00

## UNIT SHUTDOWNS

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

SUMMARY PSL 2 operated in mode 2 the entire report period.



# OPERATING DATA REPORT

DOCKET: 389  
UNIT\_NME: St. Lucie Unit 2  
RPT\_PERIOD: 201608

PREPARER NAME: K R Boller  
PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1074		
2. Maximum Dependable Capacity (MWe-Net)	987		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	250,322.60
4. Number of Hours Generator On-line	744.00	5,855.00	247,734.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	747,149.00	5,919,390.00	210,210,461.00

## UNIT SHUTDOWNS

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

SUMMARY PSL 2 operated inmode 1 the entire report period.

# OPERATING DATA REPORT

DOCKET: 389  
UNIT\_NME: St. Lucie Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: K R Boller  
PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1074		
2. Maximum Dependable Capacity (MWe-Net)	987		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	251,042.60
4. Number of Hours Generator On-line	720.00	6,575.00	248,454.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	718,940.00	6,638,330.00	210,929,401.00

## UNIT SHUTDOWNS

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

SUMMARY PSL 2 operated in mode 1 the entire report period.

# OPERATING DATA REPORT

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Wesley R. Higgins  
 PREPARER TELEPHONE: 8033454042

1. Design Electrical Rating:	972.7		
2. Maximum Dependable Capacity (MWe-Net)	966		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	246,436.90
4. Number of Hours Generator On-line	744.00	5,111.00	243,808.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	719,413.00	5,042,396.00	223,403,428.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Reactor Power was reduced to 93% on 7/26/2016 at 01:17 due to failure of 'C' Main Feedwater Booster Pump Motor (MPP0028C). The failed motor was replaced with the rebuilt spare. Reactor power was returned to 100% on 08/02/2016 at 23:59. Total time at reduced power was 142.72 hours for the Month of July..

# OPERATING DATA REPORT

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Wesley R. Higgins  
 PREPARER TELEPHONE: 8033454042

1. Design Electrical Rating:	972.7		
2. Maximum Dependable Capacity (MWe-Net)	966		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	247,180.90
4. Number of Hours Generator On-line	744.00	5,855.00	244,552.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	724,235.00	5,766,631.00	224,127,663.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Reactor Power was reduced to 93% on 7/26/2016 at 01:17 due to failure of 'C' Main Feedwater Booster Pump Motor (MPP0028C). The failed motor was replaced with the rebuilt spare. Reactor power was returned to 100% on 08/03/2016 at 06:00. Total time at reduced power was 54 hours for the Month of August.

# OPERATING DATA REPORT

DOCKET: 395  
UNIT\_NME: Summer Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Wesley R. Higgins  
PREPARER TELEPHONE: 8033454042

1. Design Electrical Rating:	972.7		
2. Maximum Dependable Capacity (MWe-Net)	966		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	247,900.90
4. Number of Hours Generator On-line	720.00	6,575.00	245,272.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	706,187.00	6,472,818.00	224,833,850.00

## UNIT SHUTDOWNS

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

SUMMARY Reactor Power was reduced to 90.5% on 9/9/2016 at 22:35 to support scheduled main turbine valve testing. Testing was completed and reactor power was returned to 100% on 9/10/2016 at 04:17. Total time at reduced power was 5.7 hours for the month of September.

# OPERATING DATA REPORT

DOCKET: 280  
UNIT\_NME: Surry Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Marlene Haskett  
PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating:	874		
2. Maximum Dependable Capacity (MWe-Net)	838		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	303,442.79
4. Number of Hours Generator On-line	744.00	5,111.00	300,244.76
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	625,001.80	4,420,086.41	232,394,094.45

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 280  
UNIT\_NME: Surry Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Marlene Haskett  
PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating: 874  
2. Maximum Dependable Capacity (MWe-Net) 838

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	304,186.79
4. Number of Hours Generator On-line	744.00	5,855.00	300,988.76
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	624,733.31	5,044,819.72	233,018,827.75

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 280  
UNIT\_NME: Surry Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Marlene Haskett  
PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating: 874  
2. Maximum Dependable Capacity (MWe-Net) 838

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	304,906.79
4. Number of Hours Generator On-line	720.00	6,575.00	301,708.76
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	613,110.42	5,657,930.14	233,631,938.18

## UNIT SHUTDOWNS

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

SUMMARY



# OPERATING DATA REPORT

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating:	874		
2. Maximum Dependable Capacity (MWe-Net)	838		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	301,032.86
4. Number of Hours Generator On-line	744.00	5,111.00	298,219.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	626,852.20	4,420,501.02	231,177,653.64

## UNIT SHUTDOWNS

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

# OPERATING DATA REPORT

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating:	874		
2. Maximum Dependable Capacity (MWe-Net)	838		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	301,776.86
4. Number of Hours Generator On-line	744.00	5,855.00	298,963.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	623,957.39	5,044,458.41	231,801,611.03

## UNIT SHUTDOWNS

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

# OPERATING DATA REPORT

DOCKET: 281  
UNIT\_NME: Surry Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: Marlene Haskett  
PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating:	874		
2. Maximum Dependable Capacity (MWe-Net)	838		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	302,496.86
4. Number of Hours Generator On-line	720.00	6,575.00	299,683.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	614,133.68	5,658,592.09	232,415,744.71

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287		
2. Maximum Dependable Capacity (MWe-Net)	1257		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	3,458.06	247,847.85
4. Number of Hours Generator On-line	744.00	3,342.72	244,394.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	931,298.00	4,074,426.00	267,355,622.70

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY There was one power reduction greater than 20% this month. It was for a planned Control Rod Sequence Exchange on 7/29/16. The lowest power achieved was 57.9% and full power was restored on 7/31/16.  
 This is also counted as a SPEL for INPO Performance Tracking.

# OPERATING DATA REPORT

DOCKET: 387  
UNIT\_NME: Susquehanna Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: J. Henings  
PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating: 1287  
2. Maximum Dependable Capacity (MWe-Net) 1257

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,202.06	248,591.85
4. Number of Hours Generator On-line	744.00	4,086.72	245,138.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	937,240.00	5,011,666.00	268,292,862.70

## UNIT SHUTDOWNS

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

SUMMARY There were no power changes greater than 20% this month. Power changes throughout the month were much less than 20%, and were performed for minor control rod position adjustments and changes due to hot weather conditions (not counted in forced loss accounting).

# OPERATING DATA REPORT

DOCKET: 387  
UNIT\_NME: Susquehanna Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: J. Hennings  
PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287		
2. Maximum Dependable Capacity (MWe-Net)	1257		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	4,922.06	249,311.85
4. Number of Hours Generator On-line	720.00	4,806.72	245,858.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	913,951.00	5,925,617.00	269,206,813.70

## UNIT SHUTDOWNS

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

SUMMARY There were no power reductions greater than 20% this month.

# OPERATING DATA REPORT

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201607

PREPARER NAME: J.Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287		
2. Maximum Dependable Capacity (MWe-Net)	1257		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,037.07	244,696.33
4. Number of Hours Generator On-line	744.00	5,017.10	241,628.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	919,551.00	6,317,742.00	267,141,403.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY There was one power reduction greater than 20% this month. It was for a planned Control Rod Sequence Exchange on 7/01/16. The lowest power achieved was 66.2% and full power was restored on 7/02/16. This is also counted as a SPEL for INPO Performance Tracking.

# OPERATING DATA REPORT

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating: 1287  
 2. Maximum Dependable Capacity (MWe-Net) 1257

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,781.07	245,440.33
4. Number of Hours Generator On-line	744.00	5,761.10	242,372.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	910,784.00	7,228,526.00	268,052,187.30

## UNIT SHUTDOWNS

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

**SUMMARY** In August, there was one power change greater than 20%:  
 On 8/11/16 an Unplanned Power Change was experienced due to the automatic isolation of turbine extraction steam to the B feedwater heater string. The isolation was due to a faulty feedwater heater level switch. The lowest power seen during this evolution was 59.2 %. Full power was achieved on 8/12/16.  
 Other power changes throughout the month were much less than 20%, and were performed for minor control rod position adjustments, and other changes were in response to hot weather conditions (not counted in forced loss accounting).  
 Note: This Unplanned Power Change impacts the Performance Indicators for NRC Unplanned Power Changes, and the INPO Operational Loss Events.



# OPERATING DATA REPORT

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201609

PREPARER NAME: J.. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287		
2. Maximum Dependable Capacity (MWe-Net)	1257		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,501.07	246,160.33
4. Number of Hours Generator On-line	720.00	6,481.10	243,092.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	894,588.00	8,123,114.00	268,946,775.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** There were two power changes greater than 20% this month and they were both planned power changes. At 09/16/16 22:03 The Control Room began lowering power by 34.5% to support Scram Time Testing and a Sequence Exchange. At 09/17/16 19:39 power was raised to full power. (note: The losses from this power reduction have INPO classification of SPEL). The second planned power reduction was initiated late on 9/30/2016 in preparation for the planned outage scheduled for 10/1/16 for turbine maintenance.

# OPERATING DATA REPORT

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: Mark Fauber  
 PREPARER TELEPHONE: (717) 948-8787

1. Design Electrical Rating:	819		
2. Maximum Dependable Capacity (MWe-Net)	802		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	279,138.73
4. Number of Hours Generator On-line	744.00	5,111.00	277,271.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	599,964.00	4,262,186.00	229,881,532.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY 7/11/2016 17:16 to 7/12/2016 11:40, Forced power reduction for heater drain pipe vibrations. 2530.6 MWHr of forced energy losses. See IR-2691518 for additional details.  
 7/16/2016 21:02 to 7/18/2016 03:17, Forced power reduction for heater drain valve HD-V-3A corrective maintenance. 6015.9 MWHr of forced energy losses. See IR-2691518 for additional details.

# OPERATING DATA REPORT

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Mark Fauber  
 PREPARER TELEPHONE: (717) 948-8787

1. Design Electrical Rating: 819  
 2. Maximum Dependable Capacity (MWe-Net) 802

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,855.00	279,882.73
4. Number of Hours Generator On-line	744.00	5,855.00	278,015.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	609,354.00	4,871,540.00	230,490,886.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated at nominal full power for the entire month of August.

# OPERATING DATA REPORT

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Mark Fauber  
 PREPARER TELEPHONE: (717) 948-8787

1. Design Electrical Rating: 819  
 2. Maximum Dependable Capacity (MWe-Net) 802

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,575.00	280,602.73
4. Number of Hours Generator On-line	720.00	6,575.00	278,735.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	593,371.00	5,464,911.00	231,084,257.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Planned / exempt power reduction to approximately 87.9% for main turbine control valve and control rod testing from 22:31 on 9/3/16 to 07:19 on 9/4/16. Load reduction for economic dispatch (neither planned nor unplanned) on 9/26/16 from 06:46 to 22:05. Minimum power approximately 90.7%.

# OPERATING DATA REPORT

DOCKET: 250  
 UNIT\_NME: Turkey Point Unit 3  
 RPT\_PERIOD: 201607

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 305-246-7106

1. Design Electrical Rating: 831  
 2. Maximum Dependable Capacity (MWe-Net) 811

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	699.55	5,066.55	298,638.43
4. Number of Hours Generator On-line	699.55	5,066.55	295,052.78
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	555,007.43	4,185,091.47	199,015,712.74

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
2016010	7/30/2016	F		44.45	A	1		3B Feedwater heater Tube Leak

**SUMMARY** Unit 3 commenced a unplanned downpower on 7/27/16 and performed manual Reactor shutdown on 7/30/16 due to a feedwater heater tube leak. Unit 3 was returned on line on 8/2/16.

# OPERATING DATA REPORT

DOCKET: 250  
 UNIT\_NME: Turkey Point Unit 3  
 RPT\_PERIOD: 201608

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 305-246-7106

- 1. Design Electrical Rating: 831
- 2. Maximum Dependable Capacity (MWe-Net) 811

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	739.43	5,805.98	299,377.86
4. Number of Hours Generator On-line	713.67	5,780.22	295,766.45
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	569,311.64	4,754,403.11	199,585,024.38

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
2016010	7/30/2016	F	S	30.33	A	4		3B Feedwater heater Tube Leak

SUMMARY PTN Unit 3 commenced a unplanned downpower on 7/27/16 and performed manual Reactor shutdown on 7/30/16 due to a feedwater heater tube leak. Unit 3 was returned on line on 8/2/16.

# OPERATING DATA REPORT

DOCKET: 250  
UNIT\_NME: Turkey Point Unit 3  
RPT\_PERIOD: 201609

PREPARER NAME: Colleen Phillips  
PREPARER TELEPHONE: 305-246-7106

1. Design Electrical Rating: 831  
2. Maximum Dependable Capacity (MWe-Net) 811

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,525.98	300,097.86
4. Number of Hours Generator On-line	720.00	6,500.22	296,486.45
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	586,159.24	5,340,562.35	200,171,183.62

## UNIT SHUTDOWNS

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

SUMMARY PTN Unit 3 was at approximately 100% for the month.

# OPERATING DATA REPORT

DOCKET: 251  
UNIT\_NME: Turkey Point Unit 4  
RPT\_PERIOD: 201607

PREPARER NAME: Colleen Phillips  
PREPARER TELEPHONE: 305-246-7106

1. Design Electrical Rating: 840  
2. Maximum Dependable Capacity (MWe-Net) 821

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,394.51	296,678.93
4. Number of Hours Generator On-line	744.00	4,366.68	291,318.95
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	609,210.29	3,579,793.63	198,700,832.60

## UNIT SHUTDOWNS

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

SUMMARY PTn Unit 4 was at approximately 100% for the month.



# OPERATING DATA REPORT

DOCKET: 251  
 UNIT\_NME: Turkey Point Unit 4  
 RPT\_PERIOD: 201608

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 305-246-7106

1. Design Electrical Rating:	840		
2. Maximum Dependable Capacity (MWe-Net)	821		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,138.51	297,422.93
4. Number of Hours Generator On-line	744.00	5,110.68	292,062.95
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	612,144.09	4,191,937.72	199,312,976.69

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY PTN Unit 4 was at approximately 100% for the month.

# OPERATING DATA REPORT

DOCKET: 251  
UNIT\_NME: Turkey Point Unit 4  
RPT\_PERIOD: 201609

PREPARER NAME: Colleen Phillips  
PREPARER TELEPHONE: 305-246-7106

1. Design Electrical Rating: 840  
2. Maximum Dependable Capacity (MWe-Net) 821

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,858.51	298,142.93
4. Number of Hours Generator On-line	720.00	5,830.68	292,782.95
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	591,804.70	4,783,742.42	199,904,781.39

## UNIT SHUTDOWNS

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

SUMMARY PTN Unit 4 was at approximately 100% for the month.

# OPERATING DATA REPORT

DOCKET: 424  
UNIT\_NME: Vogtle Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: Christopher Vachovetz  
PREPARER TELEPHONE: 706-826-3467

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1150		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	234,019.73
4. Number of Hours Generator On-line	744.00	5,111.00	231,617.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	855,247.00	5,981,574.00	263,616,775.50

## UNIT SHUTDOWNS

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

SUMMARY Unit was at 100% power for entire month.

# OPERATING DATA REPORT

DOCKET: 424  
UNIT\_NME: Vogtle Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: Christopher Vachovetz  
PREPARER TELEPHONE: 706-826-3467

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1150		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	234,763.73
4. Number of Hours Generator On-line	744.00	5,855.00	232,361.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	855,889.00	6,837,463.00	264,472,664.50

## UNIT SHUTDOWNS

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

SUMMARY No generation losses for the month.

# OPERATING DATA REPORT

DOCKET: 424  
UNIT\_NME: Vogtle Unit 1  
RPT\_PERIOD: 201609

PREPARER NAME: Christopher Vachovetz  
PREPARER TELEPHONE: 706-826-3467

1. Design Electrical Rating: 1169  
2. Maximum Dependable Capacity (MWe-Net) 1150

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	235,483.73
4. Number of Hours Generator On-line	720.00	6,575.00	233,081.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	834,072.00	7,671,535.00	265,306,736.50

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 425  
UNIT\_NME: Vogtle Unit 2  
RPT\_PERIOD: 201607

PREPARER NAME: Christopher Vachovetz  
PREPARER TELEPHONE: 706-826-3467

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,576.87	218,745.86
4. Number of Hours Generator On-line	744.00	4,546.56	217,168.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	860,121.00	5,272,865.00	247,981,524.50

## UNIT SHUTDOWNS

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

SUMMARY Planned restoration of 6A Feedwater heater to service.

# OPERATING DATA REPORT

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201608

PREPARER NAME: Christopher Vachovetz  
 PREPARER TELEPHONE: 706-8263467

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,320.87	219,489.86
4. Number of Hours Generator On-line	744.00	5,290.56	217,912.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	862,562.00	6,135,427.00	248,844,086.50

## UNIT SHUTDOWNS

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

# OPERATING DATA REPORT

DOCKET: 425  
UNIT\_NME: Vogtle Unit 2  
RPT\_PERIOD: 201609

PREPARER NAME: Christopher Vachovetz  
PREPARER TELEPHONE: 706-826-3467

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,040.87	220,209.86
4. Number of Hours Generator On-line	720.00	6,010.56	218,632.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	839,665.00	6,975,092.00	249,683,751.50

## UNIT SHUTDOWNS

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

SUMMARY



# OPERATING DATA REPORT

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201607

PREPARER NAME: Jai Jung  
 PREPARER TELEPHONE: 504-739-6405

1. Design Electrical Rating:	1173		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	238,155.92
4. Number of Hours Generator On-line	744.00	5,111.00	236,399.76
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	856,982.00	6,014,740.00	260,922,415.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** In July 2016, the plant experienced unplanned generation losses of 8,496 MWH associated with unplanned downpower(73.8%) due to 6B/5B FW Heater malfunction/Isolation (07/02/2016, CR-WF3-2016-4289) and additional 1,446MWH generation losses due to main condenser B1 waterbox tube leak repair.

# OPERATING DATA REPORT

DOCKET: 382  
UNIT\_NME: Waterford Unit 3  
RPT\_PERIOD: 201608

PREPARER NAME: Jai Jung  
PREPARER TELEPHONE: 504-739-6405

1. Design Electrical Rating:	1173		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	238,899.92
4. Number of Hours Generator On-line	744.00	5,855.00	237,143.76
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	867,242.00	6,881,982.00	261,789,657.00

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at an average reactor power level of 99.9% and experienced no shutdowns or significant power reductions during the period.

# OPERATING DATA REPORT

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201609

PREPARER NAME: Jai Jung  
 PREPARER TELEPHONE: 504-739-6405

1. Design Electrical Rating:	1173		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,575.00	239,619.92
4. Number of Hours Generator On-line	720.00	6,575.00	237,863.76
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	838,897.00	7,720,879.00	262,628,554.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit operated at an average reactor power level of 99.9% and experienced no shutdowns or significant power reductions during the period. The units performed Turbine Governor Valve testing IAW Sect. 7.2 of OP-903-007, Turbine Inlet Valve Cycling Test (Reactor power has been lowered to 99.2 % for test).

# OPERATING DATA REPORT

DOCKET: 390  
UNIT\_NME: Watts Bar Unit 1  
RPT\_PERIOD: 201607

PREPARER NAME: 4234524331  
PREPARER TELEPHONE: Dennis Hicks

1. Design Electrical Rating:	1160		
2. Maximum Dependable Capacity (MWe-Net)	1135		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,037.43	160,537.77
4. Number of Hours Generator On-line	744.00	5,021.87	159,738.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	744,153.40	5,444,963.00	178,923,053.08

## UNIT SHUTDOWNS

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

SUMMARY Generation losses due LP-C design backpressure limits.

# OPERATING DATA REPORT

DOCKET: 390  
 UNIT\_NME: Watts Bar Unit 1  
 RPT\_PERIOD: 201608

PREPARER NAME: Samuel P. Delk  
 PREPARER TELEPHONE: (423)365-8068

1. Design Electrical Rating:	1160		
2. Maximum Dependable Capacity (MWe-Net)	1135		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,781.43	161,281.77
4. Number of Hours Generator On-line	744.00	5,765.87	160,482.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	726,892.10	6,171,855.10	179,649,945.18

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Generation losses primarily due to LP-C design backpressure limits. U1 NRC Capacity Factor is 86.08% for the month of August 2016.

# OPERATING DATA REPORT

DOCKET: 390  
 UNIT\_NME: Watts Bar Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: Samuel P. Delk  
 PREPARER TELEPHONE: 423-365-8068

1. Design Electrical Rating:	1160		
2. Maximum Dependable Capacity (MWe-Net)	1135		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,501.43	162,001.77
4. Number of Hours Generator On-line	680.98	6,446.85	161,163.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	720,558.00	6,892,413.10	180,370,503.18

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
9-01FO	9/1/2016	F	39.02	B	5	Shutdown to perform precautionary transfer of RCP power feeds due to exposure of normal power feeds to fire from Unit 2 2B Main Bank Transformer fire.

SUMMARY WBN Unit 1 NRC Capacity Factor is 88.17% for the month of September 2016.

# OPERATING DATA REPORT

DOCKET: 482  
 UNIT\_NME: Wolf Creek Unit 1  
 RPT\_PERIOD: 201607

PREPARER NAME: W T Muilenburg  
 PREPARER TELEPHONE: 620 364-8831

1. Design Electrical Rating:	1200		
2. Maximum Dependable Capacity (MWe-Net)	1164		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,111.00	233,209.40
4. Number of Hours Generator On-line	744.00	5,111.00	231,419.58
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	877,570.00	6,183,660.00	266,713,335.00

## UNIT SHUTDOWNS

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

**SUMMARY** The unit operated in mode 1, at or near 100% power from July 1, 2016 through July 5, 2016 when unit power was reduced to 68% for grid instability due to a shorted terminal block that tripped the transmission breaker at the LaCygne substation. The electrical components were repaired on July 6, 2016. With the unit power in a reduced state, Turbine Control Valve testing was completed. Upon completion of the Turbine Control Valve testing, the unit load was increased back to 100% on July 6, 2016 with the unit remaining at or near 100% power through the end of the month.

# OPERATING DATA REPORT

DOCKET: 482  
UNIT\_NME: Wolf Creek Unit 1  
RPT\_PERIOD: 201608

PREPARER NAME: W T Muilenburg  
PREPARER TELEPHONE: 620 364-8831

1. Design Electrical Rating:	1200		
2. Maximum Dependable Capacity (MWe-Net)	1164		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,855.00	233,953.40
4. Number of Hours Generator On-line	744.00	5,855.00	232,163.58
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	884,908.00	7,068,568.00	267,598,243.00

## UNIT SHUTDOWNS

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

SUMMARY The unit operated in mode 1, at or near 100% power from August 1, 2016 through August 31, 2016. On August 31st unit power was reduced to 97% for planned Non-Safety Aux Feedwater Pump Full-Flow Testing. After successful testing was complete the unit was returned to 100% power that same day.



# OPERATING DATA REPORT

DOCKET: 482  
 UNIT\_NME: Wolf Creek Unit 1  
 RPT\_PERIOD: 201609

PREPARER NAME: W T Muilenburg  
 PREPARER TELEPHONE: 620 364-8831

1. Design Electrical Rating:	1200		
2. Maximum Dependable Capacity (MWe-Net)	1164		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	35.98	5,890.98	233,989.38
4. Number of Hours Generator On-line	35.97	5,890.97	232,199.55
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	24,882.00	7,093,450.00	267,623,125.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
16-01	9/2/2016	F		684.03	A	1	Unit shutdown due to unidentified RCS leakage. The source of the leak was identified on Core Exit Thermocouple Nozzle Assembly (CETNA) penetration #77. The unit remained shutdown and the refuel outage began on 9/17/16.

**SUMMARY** The unit operated at or near 100% from September 1, 2016 through September 2, 2016 when the unit was shutdown due to an Reactor Coolant System (RCS) leak. Based on agreement between System Dispatch and Wolf Creek management, the Refuel 21 start date was moved up from September 24th, 2016 to September 17th, 2016. The unit remained in refueling mode through the month of September.