

# OPERATING DATA REPORT

DOCKET: 313  
UNIT\_NME: ANO Unit 1  
RPT\_PERIOD: 201604

PREPARER NAME: Michael K. Hall  
PREPARER TELEPHONE: 4798584438

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	720.00	2,903.00	298,361.38
4. Number of Hours Generator On-line	720.00	2,903.00	295,128.91
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	605,177.00	2,469,238.00	234,058,935.24

## 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	

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

# OPERATING DATA REPORT

DOCKET: 313  
UNIT\_NME: ANO Unit 1  
RPT\_PERIOD: 201605

PREPARER NAME: Michael K. Hall  
PREPARER TELEPHONE: 4798584438

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	3,647.00	299,105.38
4. Number of Hours Generator On-line	744.00	3,647.00	295,872.91
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	632,992.00	3,102,230.00	234,691,927.24

## 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	

SUMMARY The Unit began the month of May at, or near full power. On May 6, 2016 there was a planned power reduction to ~85% for Throttle Valve Governor Valve Testing. On May 7, 2016 the Unit was restored to full power operation and operated at, or near full power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 4798584438

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	720.00	4,367.00	299,825.38
4. Number of Hours Generator On-line	720.00	4,367.00	296,592.91
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	604,173.00	3,706,403.00	235,296,100.24

## 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 June at, or near full power.

# OPERATING DATA REPORT

DOCKET: 368  
 UNIT\_NME: ANO Unit 2  
 RPT\_PERIOD: 201604

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 4798584438

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	720.00	2,702.60	268,970.19
4. Number of Hours Generator On-line	720.00	2,694.65	266,148.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	721,591.00	2,665,655.00	242,144,303.00

## 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 the month of April at, or near full power.

# OPERATING DATA REPORT

DOCKET: 368  
 UNIT\_NME: ANO Unit 2  
 RPT\_PERIOD: 201605

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 4798584438

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	3,446.60	269,714.19
4. Number of Hours Generator On-line	724.48	3,419.13	266,872.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	715,379.00	3,381,034.00	242,859,682.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2F16-02	5/26/2016	F		19.52	B	5	The Unit was taken off line due to a Electro-Hydraulic Control (EHC) system leak. The leaking line was corrected.

**SUMMARY** The Unit began the month of May at, or near full power. On May 26, 2016 the Unit was taken off line due to a Electro-Hydraulic Control (EHC) system leak. On May 27, 2016 the Unit was reconnected to the grid and commenced power escalation. The Unit achieved full power on May 27, 2016. The Unit operated at, or near full power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 368  
 UNIT\_NME: ANO Unit 2  
 RPT\_PERIOD: 201606

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 4798584438

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	720.00	4,166.60	270,434.19
4. Number of Hours Generator On-line	720.00	4,139.13	267,592.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	710,448.00	4,091,482.00	243,570,130.00

## 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 the month of June at, or near full power.

# OPERATING DATA REPORT

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201604

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	720.00	2,903.00	268,540.10
4. Number of Hours Generator On-line	720.00	2,903.00	265,645.01
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	674,288.40	2,730,888.10	213,346,285.00

## 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 BVPS-1 operated at a nominal value of 100% power for the entire month except as follows: Output was reduced to approximately 97% at 0810 hours on 4/9/16 and returned to 100% at 1240 hours on 4/9/16 following planned Turbine Valve Testing.

# OPERATING DATA REPORT

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201605

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	3,647.00	269,284.10
4. Number of Hours Generator On-line	744.00	3,647.00	266,389.01
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	690,634.70	3,421,522.80	214,036,919.70

## 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 BVPS-1 operated at a nominal value of 100% power for the entire month.



# OPERATING DATA REPORT

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201606

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	720.00	4,367.00	270,004.10
4. Number of Hours Generator On-line	720.00	4,367.00	267,109.01
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	660,150.80	4,081,673.60	214,697,070.50

## 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-1 operated at a nominal value of 100% power for the entire month with exception of a seasonal derate to approximately 98% power due to high hotwel temperature conditions on 6/11/16. This small power reduction is not included as a loss per INPO Clarifying Note.

# OPERATING DATA REPORT

DOCKET: 412  
UNIT\_NME: Beaver Valley Unit 2  
RPT\_PERIOD: 201604

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	720.00	2,707.18	218,177.40
4. Number of Hours Generator On-line	720.00	2,698.33	217,173.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	669,948.10	2,495,384.50	179,987,058.00

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

# OPERATING DATA REPORT

DOCKET: 412  
UNIT\_NME: Beaver Valley Unit 2  
RPT\_PERIOD: 201605

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	3,451.18	218,921.40
4. Number of Hours Generator On-line	744.00	3,442.33	217,917.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	686,390.20	3,181,774.70	180,673,448.20

## 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.

# OPERATING DATA REPORT

DOCKET: 412  
 UNIT\_NME: Beaver Valley Unit 2  
 RPT\_PERIOD: 201606

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	720.00	4,171.18	219,641.40
4. Number of Hours Generator On-line	720.00	4,162.33	218,637.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	638,981.90	3,820,756.60	181,312,430.10

## 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 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 6/4/16 for 100.8 hours in order to identify and repair Main Unit Condenser tube leaks.

# OPERATING DATA REPORT

DOCKET: 456  
UNIT\_NME: Braidwood Unit 1  
RPT\_PERIOD: 201604

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	720.00	2,903.00	218,200.31
4. Number of Hours Generator On-line	720.00	2,903.00	217,086.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	876,834.00	3,538,986.00	245,222,527.00

## 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 full power for the entire month.

# OPERATING DATA REPORT

DOCKET: 456  
 UNIT\_NME: Braidwood Unit 1  
 RPT\_PERIOD: 201605

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	3,647.00	218,944.31
4. Number of Hours Generator On-line	744.00	3,647.00	217,830.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	903,646.00	4,442,632.00	246,126,173.00

## 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 full power throughout the except for a Turbine Governor Valve Test.

# OPERATING DATA REPORT

DOCKET: 456  
UNIT\_NME: Braidwood Unit 1  
RPT\_PERIOD: 201606

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	720.00	4,367.00	219,664.31
4. Number of Hours Generator On-line	720.00	4,367.00	218,550.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	802,829.00	5,245,461.00	246,929,002.00

## 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 except for a 61,774 MWh loss due to grid conditions.

# OPERATING DATA REPORT

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201604

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	2,903.00	221,984.94
4. Number of Hours Generator On-line	720.00	2,903.00	221,092.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	849,416.00	3,437,841.00	246,854,069.00

## 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 operated at full power excepted for a planned turbine valve test.



# OPERATING DATA REPORT

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201605

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	3,647.00	222,728.94
4. Number of Hours Generator On-line	744.00	3,647.00	221,836.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	871,873.00	4,309,714.00	247,725,942.00

## 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 operated at full power throughout the month except for; 2A MSR Shell Drain Tank on Emergency Drain 446 Mwe loss, 267 MWe down power for load following(not reportable), and 2B MSR Shell Drain Tank on Emergency Drain 21 Mwe loss (Planned Maintenance).

# OPERATING DATA REPORT

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201606

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	4,367.00	223,448.94
4. Number of Hours Generator On-line	720.00	4,367.00	222,556.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	777,191.00	5,086,905.00	248,503,133.00

## 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 40 MWh loss to repair an MSR normal level control valve and a 58,494 MWh loss due to grid conditions.

# OPERATING DATA REPORT

DOCKET: 259  
UNIT\_NME: Browns Ferry Unit 1  
RPT\_PERIOD: 201604

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	2,903.00	132,312.00
4. Number of Hours Generator On-line	720.00	2,883.33	130,308.06
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	810,840.70	3,244,473.70	131,469,193.41

## 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: 259  
UNIT\_NME: Browns Ferry Unit 1  
RPT\_PERIOD: 201605

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	3,647.00	133,056.00
4. Number of Hours Generator On-line	744.00	3,627.33	131,052.06
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	826,882.30	4,071,356.00	132,296,075.71

## 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: 259  
UNIT\_NME: Browns Ferry Unit 1  
RPT\_PERIOD: 201606

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	4,367.00	133,776.00
4. Number of Hours Generator On-line	720.00	4,347.33	131,772.06
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	782,077.30	4,853,433.30	133,078,153.01

## 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: 260  
UNIT\_NME: Browns Ferry Unit 2  
RPT\_PERIOD: 201604

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	2,903.00	256,399.91
4. Number of Hours Generator On-line	720.00	2,903.00	253,069.03
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	801,336.70	3,260,151.70	261,656,169.11

## 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	

SUMMARY

# OPERATING DATA REPORT

DOCKET: 260  
 UNIT\_NME: Browns Ferry Unit 2  
 RPT\_PERIOD: 201605

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	3,647.00	257,143.91
4. Number of Hours Generator On-line	744.00	3,647.00	253,813.03
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	821,218.30	4,081,370.00	262,477,387.41

## 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: 260  
UNIT\_NME: Browns Ferry Unit 2  
RPT\_PERIOD: 201606

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	4,367.00	257,863.91
4. Number of Hours Generator On-line	720.00	4,367.00	254,533.03
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	782,621.30	4,863,991.30	263,260,008.71

## 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: 201604

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	2,047.47	212,306.26
4. Number of Hours Generator On-line	720.00	2,025.29	210,206.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	792,520.70	1,844,664.70	220,940,016.84

## 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: 201605

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	2,791.47	213,050.26
4. Number of Hours Generator On-line	744.00	2,769.29	210,950.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	819,442.30	2,664,107.00	221,759,459.14

## 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: 296  
UNIT\_NME: Browns Ferry Unit 3  
RPT\_PERIOD: 201606

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	3,511.47	213,770.26
4. Number of Hours Generator On-line	720.00	3,489.29	211,670.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	783,877.30	3,447,984.30	222,543,336.44

## 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: 201604

PREPARER NAME: Jason Krupp  
 PREPARER TELEPHONE: 9104573526

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	2,141.20	268,048.84
4. Number of Hours Generator On-line	720.00	2,077.23	262,739.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	659,365.00	1,806,892.00	215,511,311.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 325  
UNIT\_NME: Brunswick Unit 1  
RPT\_PERIOD: 201605

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	2,885.20	268,792.84
4. Number of Hours Generator On-line	744.00	2,821.23	263,483.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	699,297.00	2,506,189.00	216,210,608.00

## 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: 325  
UNIT\_NME: Brunswick Unit 1  
RPT\_PERIOD: 201606

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	3,605.20	269,512.84
4. Number of Hours Generator On-line	720.00	3,541.23	264,203.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	685,858.00	3,192,047.00	216,896,466.00

## 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: 201604

PREPARER NAME: Jason Krupp  
PREPARER TELEPHONE: 9104573526

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	2,903.00	277,577.14
4. Number of Hours Generator On-line	720.00	2,903.00	270,496.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	670,749.00	2,701,098.00	213,854,869.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 324  
UNIT\_NME: Brunswick Unit 2  
RPT\_PERIOD: 201605

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	3,647.00	278,321.14
4. Number of Hours Generator On-line	744.00	3,647.00	271,240.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	693,509.00	3,394,607.00	214,548,378.00

## 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: 201606

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	4,367.00	279,041.14
4. Number of Hours Generator On-line	720.00	4,367.00	271,960.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	657,923.00	4,052,530.00	215,206,301.00

## 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: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201604

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	720.00	2,903.00	240,098.11
4. Number of Hours Generator On-line	720.00	2,903.00	238,873.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	858,419.00	3,456,941.00	263,098,097.00

## 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 1 on line entire month

# OPERATING DATA REPORT

DOCKET: 454  
UNIT\_NME: Byron Unit 1  
RPT\_PERIOD: 201605

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	3,647.00	240,842.11
4. Number of Hours Generator On-line	744.00	3,647.00	239,617.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	885,639.00	4,342,580.00	263,983,736.00

## 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 on line the entire month.

# OPERATING DATA REPORT

DOCKET: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201606

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	4,367.00	241,562.11
4. Number of Hours Generator On-line	720.00	4,367.00	240,337.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	846,306.00	5,188,886.00	264,830,042.00

## 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 entire month

# OPERATING DATA REPORT

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201604

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	408.00	2,591.00	233,133.71
4. Number of Hours Generator On-line	408.00	2,591.00	232,097.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	454,351.00	2,991,256.00	253,473,544.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
B2R19	4/18/2016	S	312.00	C	1	SCHEDULED SHUTDOWN FOR UNIT 2 REFUELING OUTAGE (B2R19)

SUMMARY Unit 2 entered refueling outage B2R19 4/18/16 00:00.  
 Exempt Energy losses  
 4/12/16 4800 MWhrs - Main Steam Safety valve and Aux Feedwater testing for Tech Spec required testing.  
 4/17/16 3788 MWhrs - ramp down for B2R19

# OPERATING DATA REPORT

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201605

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	364.67	2,955.67	233,498.38
4. Number of Hours Generator On-line	353.75	2,944.75	232,450.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	375,678.00	3,366,934.00	253,849,222.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
B2R19	4/18/2016	S	390.25	C	4	SCHEDULED SHUTDOWN FOR UNIT 2 REFUELING OUTAGE (B2R19)

SUMMARY Unit 2 completed B2R19 refueling outage on 5/17/16.  
 Exempt Energy loss  
 5/17/16-5/19/16 24521 MWhrs Post Refueling return to full power.

# OPERATING DATA REPORT

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201606

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	3,675.67	234,218.38
4. Number of Hours Generator On-line	720.00	3,664.75	233,170.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	825,747.00	4,192,681.00	254,674,969.00

## 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 entire month

# OPERATING DATA REPORT

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201604

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	27.58	2,210.58	246,236.10
4. Number of Hours Generator On-line	26.50	2,209.50	243,614.43
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	25,774.00	2,690,506.00	278,186,348.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2016-01	4/2/2016		S	693.50	C	1	Planned manual trip for shutdown to Refueling Outage 21.

**SUMMARY** Callaway Plant continued a power coastdown from March, until 2230 on April 1, 2016, when a power rampdown from approximately 86% power was initiated. At 0230 on April 2, 2016, a manual trip was performed to shutdown the plant for Refuel 22. The plant continued in a shutdown condition through the end of the month.



# OPERATING DATA REPORT

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201605

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	541.55	2,752.13	246,777.65
4. Number of Hours Generator On-line	513.05	2,722.55	244,127.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	545,916.00	3,236,422.00	278,732,264.00

## 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	
2016-01	4/2/2016		S	230.95	C	4		Planned manual trip for shutdown to Refueling Outage 21.

**SUMMARY** Callaway Plant RF21 outage continued from April until main breaker closure at 1547 on 05/10/2016. At 0310 on 05/11/2016, power escalation was halted at about 48% in order to complete work on Main Feedwater Pump (MFP) B which was incomplete at the end of RF21. At 1811 on 05/13/2016, power escalation resumed. Following discovery that minor leakage on the MFP A seal had increased, action was taken at 05/14/2016 to halt power escalation and reduce power from about 88% to 65%. Following completion of the emergent MFP A work, power was raised to 100% power by 1735 on 05/16/2016. Callaway operated at essentially 100% power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 483  
UNIT\_NME: Callaway Unit 1  
RPT\_PERIOD: 201606

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	3,472.13	247,497.65
4. Number of Hours Generator On-line	720.00	3,442.55	244,847.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	865,798.00	4,102,220.00	279,598,062.00

## UNIT SHUTDOWNS

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

SUMMARY Callaway Plant operated at essentially 100% power for the month of June 2016.

# OPERATING DATA REPORT

DOCKET: 317  
UNIT\_NME: Calvert Cliffs Unit 1  
RPT\_PERIOD: 201604

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	2,312.47	293,355.07
4. Number of Hours Generator On-line	720.00	2,282.88	289,730.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	650,187.00	2,002,809.00	242,971,319.00

## 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 began the month at 100% power.  
On 4/13/2016 at 0400, power was reduced to 98.3% to repair 11 Heater Drain Tank Normal Level Control Valve. Following the repairs, power was restored to 100% on 4/13/2016 at 1400.  
The unit operated at 100% power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201605

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

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	736.43	3,048.90	294,091.50
4. Number of Hours Generator On-line	736.43	3,019.31	290,467.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	663,225.00	2,666,034.00	243,634,544.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
16-	5/31/2016	F		7.57	A	3	IR 2676088 - Automatic reactor trip due to 11 Steam Generator high level module spurious trip causing trip of turbine and reactor. Root Cause is currently underway to determine corrective actions to prevent reoccurrence.

**SUMMARY** The unit began the month at 100% power.  
 On 5/4/2016 at 2238, power was reduced to 79.9% for Main Turbine Control Valve 4 repairs. Following repairs, power was restored to 100% on 5/5/2016 at 0600.  
 On 5/31/2016 at 1626, the unit tripped automatically due to a high Steam Generator level signal from the Engineered Safety Features Actuation System.  
 The unit remained shut down for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201606

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

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	701.20	3,750.10	294,792.70
4. Number of Hours Generator On-line	696.08	3,715.39	291,163.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	614,453.00	3,280,487.00	244,248,997.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
16-	5/31/2016	F		23.92	A	4	IR 2676088 - Automatic reactor trip due to 11 Steam Generator high level module spurious trip causing trip of turbine and reactor. Root Cause is currently underway to determine corrective actions to prevent reoccurrence.

**SUMMARY** The unit began the month shut down following a unit trip that occurred on 5/31/2016. On 6/1/2016 at 2315, the generator breaker was closed and power ascension commenced. On 6/2/2016 at 1100, power was restored to 100%. 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: 201604

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	2,903.00	288,085.76
4. Number of Hours Generator On-line	720.00	2,903.00	285,859.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	630,508.00	2,546,868.00	238,953,154.00

## 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 99.5% power for the entire month.

# OPERATING DATA REPORT

DOCKET: 318  
 UNIT\_NME: Calvert Cliffs Unit 2  
 RPT\_PERIOD: 201605

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	3,647.00	288,829.76
4. Number of Hours Generator On-line	744.00	3,647.00	286,603.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	648,739.00	3,195,607.00	239,601,893.00

## 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 began the month at 99.5% power.  
 On 5/21/2016 at 0800, power was reduced to 79.8% for Main Turbine valve testing. Following testing, power was restored to 100% on 5/21/2016 at 1430. The associated 740 MWH loss is exempt from the ORLF INPO indicator.  
 The unit operated at 99.5% power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 318  
 UNIT\_NME: Calvert Cliffs Unit 2  
 RPT\_PERIOD: 201606

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	4,367.00	289,549.76
4. Number of Hours Generator On-line	720.00	4,367.00	287,323.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	618,748.00	3,814,355.00	240,220,641.00

## 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 began the month at 99.5% power.  
 On 6/25/2016 at 0800, power was reduced to 93.9% for Variable RCS Average Temperature Testing and repairs to 21A Trash Rack. On 6/25/2016 at 2200, power was restored to 99.5% power. 190 MWH of this loss is exempt from the ORLF INPO indicator.  
 The unit operated at 99.5% power for the remainder of the month.



# OPERATING DATA REPORT

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201604

PREPARER NAME: Tolani Owusu  
 PREPARER TELEPHONE: 8037015385

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	2,903.00	234,121.61
4. Number of Hours Generator On-line	720.00	2,903.00	231,819.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	835,595.00	3,378,474.00	260,742,194.00

## 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 April 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: 201605

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 8037013014

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	3,647.00	234,865.61
4. Number of Hours Generator On-line	744.00	3,647.00	232,563.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	865,138.00	4,243,612.00	261,607,332.00

## 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 May 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: 201606

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	4,367.00	235,585.61
4. Number of Hours Generator On-line	720.00	4,367.00	233,283.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	838,933.00	5,082,545.00	262,446,265.00

## 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 June 2016 operating at or near 100% Full Power. At 2055 on 6/25/16, power reduction from 100% Full Power was commenced for performance of Main Turbine Control Valve Movement periodic testing. Power reduction was halted at 97.5% Full Power at 2114 on 6/25/16. At 0040 on 6/26/16, power escalation was commenced from 97.5% Full Power. 100% Full Power was reached at 0218 on 6/26/16, and Unit 1 concluded the month operating at or near 100% Full Power.

# OPERATING DATA REPORT

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201604

PREPARER NAME: Tolani Owusu  
 PREPARER TELEPHONE: 8037015385

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	720.00	2,903.00	228,235.33
4. Number of Hours Generator On-line	720.00	2,903.00	226,372.85
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	839,020.00	3,391,447.00	255,293,820.00

## 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 April 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: 201605

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 8037013014

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	3,647.00	228,979.33
4. Number of Hours Generator On-line	744.00	3,647.00	227,116.85
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	861,370.00	4,252,817.00	256,155,190.00

## 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 2 began the month of May 2016 operating at or near 100% Full Power. At 2031 on 5/28/16, power reduction from 100% Full Power was commenced for performance of Main Turbine Control Valve Movement periodic testing. Power reduction was halted at 98% Full Power at 2139 on 5/28/16. At 0042 on 5/29/16, power escalation was commenced from 98% Full Power. 100% Full Power was reached at 0225 on 5/29/16, and Unit 2 concluded the month operating at or near 100% Full Power.

# OPERATING DATA REPORT

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201606

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	720.00	4,367.00	229,699.33
4. Number of Hours Generator On-line	720.00	4,367.00	227,836.85
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	797,551.00	5,050,368.00	256,952,741.00

## UNIT SHUTDOWNS

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

**SUMMARY** Catawba Unit 2 began the month of June 2016 operating at or near 100% Full Power. At 0239 on 6/12/16, power reduction from 100% Full Power (Unit Runback) was initiated by 2A Main Feedwater Pump trip (due to 2 out of 3 electrical solenoids tripped). At 0248 on 6/12/16, the Unit Runback concluded at 64% Full Power. Power reduction was commenced from 64% Full Power at 0329, and halted at 48% Full Power at 0607 on 6/12/16 to reduce stress on the remaining (2B) Main Feedwater Pump. At 2221 on 6/13/16, following restoration of 2A Main Feedwater Pump, power escalation was commenced from 48% Full Power. 100% Full Power was reached at 0430 on 6/14/16. At 0737 on 6/26/16, power reduction from 100% Full Power was commenced for performance of End-of-Life Moderator Temperature Coefficient Measurement. Power reduction was halted at 99% Full Power at 0817 on 6/26/16. At 1555 on 6/26/16, following completion of the EOL MTC Measurement, power escalation was commenced from 99% Full Power. 100% Full Power was reached at 1737 on 6/26/16, and Unit 2 concluded the month operating at or near 100% Full Power.

# OPERATING DATA REPORT

DOCKET: 461  
 UNIT\_NME: Clinton Unit 1  
 RPT\_PERIOD: 201604

PREPARER NAME: Ken Sheffield  
 PREPARER TELEPHONE: 217-937-3108

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	2,903.00	200,612.03
4. Number of Hours Generator On-line	720.00	2,903.00	197,482.52
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	719,428.90	3,074,451.38	191,309,618.81

## 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 04/01/16(00:00) - 4/1/2016 (03:40) -?291 MW-hrs of planned energy losses (> 28 days & > 10 days & scheduled/exempt)?due to control rod sequence exchange.  
 04/12/16 (14:35) - 04/23/16 (11:00) -?41,885 MW-hrs of unplanned energy losses (forced)?(< 28 days & ?< 10 days)?due to TDRFP 'B' degrading vibrations resulting in an unplanned power reduction.?(IR 2654953)

# OPERATING DATA REPORT

DOCKET: 461  
 UNIT\_NME: Clinton Unit 1  
 RPT\_PERIOD: 201605

PREPARER NAME: Ken Sheffield  
 PREPARER TELEPHONE: 217-937-3108

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	497.85	3,400.85	201,109.88
4. Number of Hours Generator On-line	479.77	3,382.77	197,962.29
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	439,586.69	3,514,038.07	191,749,205.50

## 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	
C1R1	5/16/2016		S	264.23	C	1		C1R16 Refueling Outage

SUMMARY C1R16 refuel Outage.



# OPERATING DATA REPORT

DOCKET: 461  
 UNIT\_NME: Clinton Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: Ken Sheffield  
 PREPARER TELEPHONE: 217-937-3108

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	4,120.85	201,829.88
4. Number of Hours Generator On-line	720.00	4,102.77	198,682.29
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	769,785.74	4,283,823.81	192,518,991.24

## 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 Planned Energy Loss was due to Bypass Valve Testing.  
 Unplanned energy Loss was due to Bypass Valve # 4 stuck Open. (IR 2677643).

# OPERATING DATA REPORT

DOCKET: 397  
 UNIT\_NME: Columbia Gen Sta Unit 2  
 RPT\_PERIOD: 201604

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	2,855.75	223,369.86
4. Number of Hours Generator On-line	720.00	2,839.87	218,807.36
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	814,036.36	3,215,150.32	226,146,474.43

## 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 April except for a downpower to 92% for Control Rod and Bypass Valve Testing (Exempt - 2.1.11.b Plant Equipment Testing) and the ramp up to 100% due to Manual Reactor Scram on 3/28/2016 (Not Exempt).

# OPERATING DATA REPORT

DOCKET: 397  
 UNIT\_NME: Columbia Gen Sta Unit 2  
 RPT\_PERIOD: 201605

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	3,599.75	224,113.86
4. Number of Hours Generator On-line	744.00	3,583.87	219,551.36
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	829,787.57	4,044,937.89	226,976,262.00

## 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 Columbia operated at 100% during the month of May except for a downpower to 87% for inserting control rods in support of maintenance (Not Exempt), a downpower to 81% due to HD-LIC-4B failure (Not Exempt), downpower to 70% for Bypass Valve Testing, Turbine Valve Testing, and Control Rod Exercise (Exempt - 2.1.11.b Plant Equipment Testing), a downpower to 87% and 95% for MELLLA testing (Exempt - 2.1.11.d Special Consideration, Regulatory Related), and a downpower to 70% for Rod Sequence Exchange (Exempt - 2.1.11a Reactor Core Manipulations).

# OPERATING DATA REPORT

DOCKET: 397  
 UNIT\_NME: Columbia Gen Sta Unit 2  
 RPT\_PERIOD: 201606

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

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	4,319.75	224,833.86
4. Number of Hours Generator On-line	720.00	4,303.87	220,271.36
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	814,124.51	4,859,062.40	227,790,386.51

## 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 Columbia operated at 100% during the month of June except for a downpower to 98% for Control Rod Settle Time Testing (Exempt - 2.1.11.b Plant Equipment Testing) and a downpower to 92% for Bypass Valve and MSIV Testing (Exempt - 2.1.11.b Plant Equipment Testing).

# OPERATING DATA REPORT

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201604

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	2,903.00	204,509.01
4. Number of Hours Generator On-line	720.00	2,903.00	203,365.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	881,662.00	3,571,127.00	229,502,447.00

## 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, 1276 MWe turbine power. On 4/26/16 at 15:54, the unit commenced end-of-core-life power coastdown toward refueling outage 1RF18 to commence 5/1/16 at 12:00. Unit 1 ended the month at 96% reactor, 1215 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201605

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	40.00	2,943.00	204,549.01
4. Number of Hours Generator On-line	20.65	2,923.65	203,386.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	4,491.00	3,575,618.00	229,506,938.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1-16-1	5/1/2016	S		723.35	C	1	Shutdown maintenance activities included: Full core offload 193 of 193 fuel assemblies (FA), FA insert shuffles, core reload with 89 fresh FAs, installation of 4 Reactor Coolant Pump (RCP) SHIELD thermal seals to complete final FLEX modification strategies, completion of remaining Fire Safe Shutdown modifications, Major Inspection of Main Generator Low Pressure #1 Turbine, Station Service Water Pump 1-01 Replacement, Replacement of Reactor Coolant Pump 1-01 Motor, Installation of Switchyard Breaker 8075 (Redundant feed to Unit 2 Station Service Transformer for improved reliability), Replacement of 4 Nuclear Instrument Power Range Detectors, Emergency Diesel Generator maintenance, Component Cooling Water valve maintenance, and numerous other valve and heat exchanger maintenance activities.

**SUMMARY** Unit 1 began the month at 96% reactor, 1215 MWe turbine power in power coastdown to refueling outage 1RF18. On 05/01/16 at 09:00, operators began a planned power descension to minimum load of about 12% reactor, 60 MWe turbine power for main turbine cooldown prior to entering MODE 3 and 1RF18 (SPEL = 1948 MWH) . At 11:33, operators manually tripped the reactor per staton procedures to enter MODE 3 and commence 1RF18. At 18:19, Unit 1 entered MODE 4. On 05/02/16 at 00:44, Unit 1 entered MODE 5. On 05/04/16 at 07:58, Unit 1 entered MODE 6. On 05/08/16 at 13:38, the final fuel assembly was removed from the reactor vessel, placed in the Spent Fuel Pool and Unit 1 entered the No MODE condition. On 05/16/16 at 11:49, Unit 1 entered MODE 6 to commence core reload. On 05/22/16 at 16:54, Unit 1 entered MODE 5. On 05/28/16 at 03:38, Unit 1 entered MODE 4. On 05/29/16 at 11:10, Unit 1 entered MODE 3. On 05/30/16 at 16:39, Unit 1 entered MODE 2 and commenced reactor startup evolutions. At 19:33, licensed operators declared the reactor critical. On 05/31/16 at 08:41, Unit 1 entered MODE 1. At 14:54, Unit 1 synchronized the main generator to the grid ending refueling outage 1RF18 with a duration of 30 days, 3 hours. At 15:51, Unit 1 commenced power ascension and testing. At 20:32, Unit 1 stopped the power ascension at about 45% reactor, 509 MWe turbine power for xenon stabilization and testing (SPEL = 8177.6 MWH) . Unit 1 ended the month at about 46% reactor, 508 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201606

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	3,663.00	205,269.01
4. Number of Hours Generator On-line	720.00	3,643.65	204,106.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	854,286.00	4,429,904.00	230,361,224.00

## 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 46% reactor, 509 MWe turbine power in power ascension to full power operation following completion of refueling outage, 1RF18. On 6/3/16 at 10:18, Unit 1 returned to full power operation at 100% reactor, 1264 MWe turbine power (SPEL = 17565.3 MWH) Unit 1 ended the month at 100% reactor, 1259 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201604

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	2,903.00	183,625.75
4. Number of Hours Generator On-line	720.00	2,903.00	182,831.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	880,156.00	3,547,734.00	208,482,428.00

## 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 Unit 2 began the month at 100% reactor, 1271 MWe turbine power. On 4/14/16 at 10:06, operators conducted OPT-206B, routine TDAFWP 2-01 operability testing (SPEL = 4.39 MWH). Unit 2 ended the month at 100% reactor, 1266 MWe turbine power.



# OPERATING DATA REPORT

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201605

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	3,647.00	184,369.75
4. Number of Hours Generator On-line	744.00	3,647.00	183,575.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	907,971.00	4,455,705.00	209,390,399.00

## 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, 1266 MWe turbine power. Unit 2 ended the month at 100% reactor, 1267 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201606

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	4,367.00	185,089.75
4. Number of Hours Generator On-line	720.00	4,367.00	184,295.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	874,359.00	5,330,064.00	210,264,758.00

## 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, 1267 MWe turbine power. On 6/9/2016 at 09:45, licensed operators performed OPT-206B, routine TDAFWP 2-01 operability testing -SAT (SPEL = 10.6 MWH). Unit 2 ended the month at 100% reactor, 1252 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 315  
 UNIT\_NME: Cook Unit 1  
 RPT\_PERIOD: 201604

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

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	88.07	2,055.09	261,718.78
4. Number of Hours Generator On-line	65.65	2,032.67	258,581.85
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	31,820.00	2,157,348.00	250,059,177.40

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
370	3/23/2016		S	654.35	C	4	Planned refueling outage began with Rx/Gen trip on 3/23/16 @ 0001.

SUMMARY Planned refueling outage began with Rx/Gen trip on 3/23/16 @ 0001. Unplanned Extension of Planned Outage began on 4/22/16 @ 0600. Rx taken critical on 4/27/16 @ 0756. Gen synch on 4/28/16 @ 0621.

# OPERATING DATA REPORT

DOCKET: 315  
UNIT\_NME: Cook Unit 1  
RPT\_PERIOD: 201605

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	2,799.09	262,462.78
4. Number of Hours Generator On-line	744.00	2,776.67	259,325.85
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	791,718.00	2,949,066.00	250,850,895.40

## 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 Rx reached 100% RTP on 5/2/16 @ 0600 following U1C27 planned refueling outage.

# OPERATING DATA REPORT

DOCKET: 315  
UNIT\_NME: Cook Unit 1  
RPT\_PERIOD: 201606

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	3,519.09	263,182.78
4. Number of Hours Generator On-line	720.00	3,496.67	260,045.85
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	751,206.00	3,700,272.00	251,602,101.40

## UNIT SHUTDOWNS

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

SUMMARY Waterbox Cycling and velocity flushing 6/4/16. Planned Main Turbine Control Valve Testing 6/18/16.

# OPERATING DATA REPORT

DOCKET: 316  
UNIT\_NME: Cook Unit 2  
RPT\_PERIOD: 201604

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	2,903.00	247,030.97
4. Number of Hours Generator On-line	720.00	2,903.00	242,617.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	810,480.00	3,269,496.00	248,900,625.60

## 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: 316  
UNIT\_NME: Cook Unit 2  
RPT\_PERIOD: 201605

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	3,647.00	247,774.97
4. Number of Hours Generator On-line	744.00	3,647.00	243,361.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	827,004.00	4,096,500.00	249,727,629.60

## UNIT SHUTDOWNS

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

SUMMARY Waterbox Cycling began on 5/14/16 @ 0930.

# OPERATING DATA REPORT

DOCKET: 316  
 UNIT\_NME: Cook Unit 2  
 RPT\_PERIOD: 201606

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

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	4,367.00	248,494.97
4. Number of Hours Generator On-line	720.00	4,367.00	244,081.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	787,310.00	4,883,810.00	250,514,939.60

## UNIT SHUTDOWNS

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

SUMMARY Planned Main Turbine Control Valve Testing performed on 6/10/16.



# OPERATING DATA REPORT

DOCKET: 298  
UNIT\_NME: Cooper Unit 1  
RPT\_PERIOD: 201604

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	720.00	2,903.00	299,296.08
4. Number of Hours Generator On-line	720.00	2,903.00	295,888.27
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	564,475.80	2,281,340.06	209,678,687.44

## 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 None for this reporting period.

# OPERATING DATA REPORT

DOCKET: 298  
UNIT\_NME: Cooper Unit 1  
RPT\_PERIOD: 201605

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	3,647.00	300,040.08
4. Number of Hours Generator On-line	744.00	3,647.00	296,632.27
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	581,388.66	2,862,728.72	210,260,076.10

## 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: 201606

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	720.00	4,367.00	300,760.08
4. Number of Hours Generator On-line	720.00	4,367.00	297,352.27
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	551,725.80	3,414,454.52	210,811,801.90

## 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 None for this reporting period.

# OPERATING DATA REPORT

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201604

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	0.00	1,993.20	241,439.70
4. Number of Hours Generator On-line	0.00	1,950.58	238,020.15
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	0.00	1,589,808.00	202,423,602.10

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2	3/26/2016	S	720.00	C	4	On March 25 a planned shutdown was commenced for the Nineteenth Refueling Outage, which started on March 26, 2016 and ended on May 9, 2016, when the unit was synchronized to the grid.

SUMMARY The Nineteenth Refueling Outage started March 26, 2016; the unit remained shutdown for the month of April.

# OPERATING DATA REPORT

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201605

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	557.43	2,550.63	241,997.13
4. Number of Hours Generator On-line	528.88	2,479.46	238,549.03
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	457,391.70	2,047,199.70	202,880,993.80

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2	3/26/2016		S	215.12	C	4	On March 25 a planned shutdown was commenced for the Nineteenth Refueling Outage, which started on March 26, 2016 and ended on May 9, 2016, when the unit was synchronized to the grid.

**SUMMARY** The unit was taken off line March 26, 2016, to start the on Nineteenth Refueling Outage. Following completion of outage activities, the reactor was taken critical on May 8, 2016, and the generator synchronized to the grid on May 9 at 23:07. The unit reached 100 percent full power on May 12. On May 18 a planned downpower to approximately 99.5% power was conducted for Integrated Control System maintenance, and on May 28 a planned downpower to approximately 95% power was conducted to support Control Rod Exercise Testing and Main Turbine Valve Testing. On May 31, an unplanned power transient occurred while testing the Steam Feedwater Rupture Control System with the plant stabilizing at approximately 87 percent power. Power was increased to approximately 90 percent by the end of the month.

# OPERATING DATA REPORT

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201606

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	720.00	3,270.63	242,717.13
4. Number of Hours Generator On-line	720.00	3,199.46	239,269.03
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	646,852.60	2,694,052.30	203,527,846.40

## 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** On June 1, 2016, following an unplanned power transient that occurred on May 31, power was increased from approximately 90 percent to approximately 98 percent power. On June 1 and 2 an unplanned downpower to approximately 83 percent was conducted to support emergent maintenance for a Control Rod Drive position indication. 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: 201604

PREPARER NAME: Michael Richardson  
PREPARER TELEPHONE: 8055454557

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	2,903.00	241,912.02
4. Number of Hours Generator On-line	720.00	2,903.00	239,780.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	825,796.00	3,325,040.00	256,488,037.00

## 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 during the month of April 2016.

# OPERATING DATA REPORT

DOCKET: 275  
UNIT\_NME: Diablo Canyon Unit 1  
RPT\_PERIOD: 201605

PREPARER NAME: Michael Richardson  
PREPARER TELEPHONE: 8055454557

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	3,647.00	242,656.02
4. Number of Hours Generator On-line	744.00	3,647.00	240,524.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	853,408.00	4,178,448.00	257,341,445.00

## 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 May 2016.



# OPERATING DATA REPORT

DOCKET: 275  
UNIT\_NME: Diablo Canyon Unit 1  
RPT\_PERIOD: 201606

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	720.00	4,367.00	243,376.02
4. Number of Hours Generator On-line	720.00	4,367.00	241,244.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	825,533.00	5,003,981.00	258,166,978.00

## 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 during the month of June 2016.

# OPERATING DATA REPORT

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201604

PREPARER NAME: Michael Richardson  
 PREPARER TELEPHONE: 8055454557

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	2,903.00	238,093.96
4. Number of Hours Generator On-line	720.00	2,903.00	236,112.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	812,866.00	3,286,225.00	253,698,353.00

## 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 2 operated at approximately 100 percent power until April 30, 2016. On April 30, 2016, Unit 2 began rampdown for the Unit 2 19th Refueling Outage (2R19) beginning on May 1, 2016.

# OPERATING DATA REPORT

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201605

PREPARER NAME: Michael Richardson  
 PREPARER TELEPHONE: 8055454557

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	0.02	2,903.02	238,093.98
4. Number of Hours Generator On-line	0.03	2,903.03	236,112.08
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	3,286,225.00	253,698,353.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	5/1/2016	S	743.97	C	1	No corrective actions are noted as a result of the planned shutdown for the refueling outage.

SUMMARY The Unit 2 19th Refueling Outage (2R19) began on May 1, 2016 and continued throughout the month of May 2016.

# OPERATING DATA REPORT

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201606

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	716.47	3,619.49	238,810.45
4. Number of Hours Generator On-line	681.22	3,584.25	236,793.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	702,391.00	3,988,616.00	254,400,744.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	5/1/2016	S	38.78	C	4	No corrective actions are noted as a result of the planned shutdown for the refueling outage.

**SUMMARY** Diablo Canyon Unit 2 completed Unit 2 Refueling Outage 19 on June 2. Following power ascension activities which completed on June 8, Diablo Canyon Unit 2 operated at approximately 100 percent power for the remainder of June 2016.

# OPERATING DATA REPORT

DOCKET: 237  
UNIT\_NME: Dresden Unit 2  
RPT\_PERIOD: 201604

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	2,903.00	326,482.14
4. Number of Hours Generator On-line	720.00	2,903.00	317,070.02
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	662,246.00	2,695,239.00	233,840,450.00

## 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 April 8, at approximately 2100 hours, load was reduced to approximately 89% to recover a Control Rod Drive after a Hydraulic Control Unit (HCU) leak was repaired. On the same day, at approximately 2215 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: 201605

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	3,647.00	327,226.14
4. Number of Hours Generator On-line	744.00	3,647.00	317,814.02
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	659,385.00	3,354,624.00	234,499,835.00

## 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** On May 3, at approximately 0900 hours, load was reduced to approximately 98% electrical when a Circ Water Pump was secured to support planned Core Spray Functional Testing. On the May 5, at approximately 0300 hours, the unit returned to full power operation.

On May 20, at approximately 2100 hours, load was reduced to approximately 98% when a Circ Water Pump was secured to support unplanned maintenance on the A lift station pump.

On May 21, at approximately 0100 hours, load was reduced to approximately 13% for a planned control rod pattern adjustment and planned Drywell Equipment Drain Sump repairs.

On May 22, at approximately 0730 hours, load increased from approximately 81% to 82% when the Circ Water Pump was restarted following the maintenance on the A lift station pump.

On May 22, at approximately 1600 hours, the unit returned to full power operation.

On May 28, at approximately 0100 hours, load was reduced to approximately 84% electrical for a planned control rod pattern adjustment. On the same day, at approximately 0400 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: 201606

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	4,367.00	327,946.14
4. Number of Hours Generator On-line	720.00	4,367.00	318,534.02
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	651,134.00	4,005,758.00	235,150,969.00

## 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 June 16, at approximately 2000 hours, load was reduced to approximately 79% electrical for 2B Moisture Separator Drain Tank (MSDT) leak repairs. On June 17, at approximately 0400 hours, the unit returned to full power operation. Note that Reactor Power was only reduced to 82% (<20%), so this was not an Operational Loss Event (OLE).

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: 201604

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	720.00	2,903.00	314,783.27
4. Number of Hours Generator On-line	720.00	2,903.00	306,190.11
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	658,360.00	2,672,979.00	226,028,232.00

## 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 On April 14, at approximately 2030 hours, load was reduced to approximately 98% electrical when a Circ Water Pump was secured for planned maintenance. On the April 16, at approximately 0230 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: 201605

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	3,647.00	315,527.27
4. Number of Hours Generator On-line	744.00	3,647.00	306,934.11
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	670,526.00	3,343,505.00	226,698,758.00

## 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** On May 21, at approximately 0300 hours, load was reduced to approximately 98% when a Circ Water Pump was secured to support unplanned maintenance on the A lift station pump. On the same day, at approximately 1100 hours, the unit returned to full power operation.

On May 28, at approximately 2200 hours, load was reduced to approximately 59% electrical for a planned control rod pattern adjustment. On May 29, at approximately 1400 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: 201606

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	720.00	4,367.00	316,247.27
4. Number of Hours Generator On-line	720.00	4,367.00	307,654.11
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	648,697.00	3,992,202.00	227,347,455.00

## 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 June 18, at approximately 2200 hours, load was reduced to approximately 86% electrical for a planned control rod pattern adjustment. On June 19, 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: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201604

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 319-851-7314

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	2,903.00	303,083.83
4. Number of Hours Generator On-line	720.00	2,903.00	298,073.02
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	437,215.20	1,769,662.40	151,507,883.19

## 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** All losses in April of 2016 were planned. These losses were associated with monthly Control Rod Drive exercises, two loadline adjustments, and planned operation and testing of the High Pressure Coolant Injection (HPCI) system.

# OPERATING DATA REPORT

DOCKET: 331  
UNIT\_NME: Duane Arnold Unit 1  
RPT\_PERIOD: 201605

PREPARER NAME: Matt Brandt  
PREPARER TELEPHONE: 319-851-7314

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	3,647.00	303,827.83
4. Number of Hours Generator On-line	744.00	3,647.00	298,817.02
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	442,094.50	2,211,756.90	151,949,977.69

## 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 All losses in May of 2016 were planned. These losses were associated with a control rod sequence exchange and surveillance testing, monthly Control Rod Drive exercises, and five loadline adjustments.

# OPERATING DATA REPORT

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 319-851-7314

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	4,367.00	304,547.83
4. Number of Hours Generator On-line	720.00	4,367.00	299,537.02
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	329,420.30	2,541,177.20	152,279,397.99

## 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** A downpower was performed beginning on June 5 in which the following activities were completed: Maintenance on the condenser and on the feedwater / condensate system, a control rod sequence exchange, and loadline adjustments.

# OPERATING DATA REPORT

DOCKET: 348  
UNIT\_NME: Farley Unit 1  
RPT\_PERIOD: 201604

PREPARER NAME: Khris Miller  
PREPARER TELEPHONE: 334-814-4549

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	2,903.00	289,375.35
4. Number of Hours Generator On-line	720.00	2,903.00	286,486.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	633,683.00	2,592,909.00	234,289,712.00

## 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: 201605

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	3,647.00	290,119.35
4. Number of Hours Generator On-line	744.00	3,647.00	287,230.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	657,832.00	3,250,741.00	234,947,544.00

## 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: 348  
UNIT\_NME: Farley Unit 1  
RPT\_PERIOD: 201606

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	4,367.00	290,839.35
4. Number of Hours Generator On-line	720.00	4,367.00	287,950.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	630,922.00	3,881,663.00	235,578,466.00

## 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: 201604

PREPARER NAME: Khris Miller  
 PREPARER TELEPHONE: 334-814-4549

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	226.83	2,409.83	272,020.34
4. Number of Hours Generator On-line	226.83	2,409.83	269,414.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	184,940.00	2,149,174.00	222,390,127.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
25	4/10/2016	S		493.17	C	1	At 0504 on 3/31/16 Unit 2 began ramp down prior to normal refueling outage 2R24. The unit was removed from the grid (Generator Breaker Opened) at 1050 on 4/10/16. The unit main generator was tied to on 5/11/16 at 0413 following 2R24. On 05/11/16 at 0653, the main generator was removed from the grid while at 29% power for a forced outage (Manual Trip/Scam) due to a Hi-Hi Steam Generator level. On 05/13/16 at 0351 the main generator was tied to the grid following the forced outage and reached 100% on 5/18/16.

**SUMMARY** At 0504 on 3/31/16 Unit 2 began ramp down prior to normal refueling outage 2R24. The unit was removed from the grid (Generator Breaker Opened) at 1050 on 4/10/16. The unit main generator was tied to on 5/11/16 at 0413 following 2R24. On 05/11/16 at 0653, the main generator was removed from the grid while at 29% power for a forced outage (Manual Trip/Scam) due to a Hi-Hi Steam Generator level. On 05/13/16 at 0351 the main generator was tied to the grid following the forced outage and reached 100% on 5/18/16.

# OPERATING DATA REPORT

DOCKET: 364  
 UNIT\_NME: Farley Unit 2  
 RPT\_PERIOD: 201605

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

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	530.72	2,940.55	272,551.06
4. Number of Hours Generator On-line	454.82	2,864.65	269,869.49
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	366,062.00	2,515,236.00	222,756,189.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
26	5/11/2016	F		44.97	G	2	Manual Rx Trip due to Hi-Hi Steam Generator level from Human Performance Error.
25	4/10/2016		S	244.22	C	4	At 0504 on 3/31/16 Unit 2 began ramp down prior to normal refueling outage 2R24. The unit was removed from the grid (Generator Breaker Opened) at 1050 on 4/10/16. The unit main generator was tied to on 5/11/16 at 0413 following 2R24. On 05/11/16 at 0653, the main generator was removed from the grid while at 29% power for a forced outage (Manual Trip/Scam) due to a Hi-Hi Steam Generator level. On 05/13/16 at 0351 the main generator was tied to the grid following the forced outage and reached 100% on 5/18/16.

**SUMMARY** At 0504 on 3/31/16 Unit 2 began ramp down prior to normal refueling outage 2R24. The unit was removed from the grid (Generator Breaker Opened) at 1050 on 4/10/16. The unit main generator was tied to on 5/11/16 at 0413 following 2R24. On 05/11/16 at 0653, the main generator was removed from the grid while at 29% power for a forced outage (Manual Trip/Scam) due to a Hi-Hi Steam Generator level. On 05/13/16 at 0351 the main generator was tied to the grid following the forced outage and reached 100% on 5/18/16.

# OPERATING DATA REPORT

DOCKET: 364  
 UNIT\_NME: Farley Unit 2  
 RPT\_PERIOD: 201606

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

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	696.27	3,636.82	273,247.33
4. Number of Hours Generator On-line	672.50	3,537.15	270,541.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	584,503.00	3,099,739.00	223,340,692.00

## 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	
27	6/15/2016	F	S	47.50	B	1		U2 Maintenance Outage to repair a broken drain line on the 2A Main Steam Line in the Main Steam Valve Room.

**SUMMARY** At 2320 on 6/14/16 Unit 2 began ramping down for a Maintenance Outage to repair a broken drain line on the 2A Main Steam Line. The unit was removed from the grid (Generator Breaker Opened) at 0300 on 6/15/16. The unit main generator was synched to the grid on 6/17/16 at 0230. Unit 2 reached 100% on 6/18/16 at 0042.

# OPERATING DATA REPORT

DOCKET: 341  
 UNIT\_NME: Fermi Unit 2  
 RPT\_PERIOD: 201604

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	2,903.00	201,277.10
4. Number of Hours Generator On-line	720.00	2,903.00	196,039.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	775,356.00	3,213,006.00	201,530,748.92

## 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 (except for minor power changes for surveillance testing) the entire month with the following exceptions:  
 --4/17/16 2200 to 4/21/16 1829: Unplanned downpower to 61% reactor power for suppression testing. (not exempt)  
 --4/23/16 2200 to 4/24/16 0027: Planned downpower for rod pattern adjustment. (not exempt)

# OPERATING DATA REPORT

DOCKET: 341  
 UNIT\_NME: Fermi Unit 2  
 RPT\_PERIOD: 201605

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	529.85	3,432.85	201,806.95
4. Number of Hours Generator On-line	504.43	3,407.43	196,543.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	533,360.00	3,746,366.00	202,064,108.92

## 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	
FO 16-01	5/3/2016	F	S	239.57	A	1	ICES Report	

SUMMARY 5/3/16 1630 to 2300: Planned downpower for plant shutdown to repair Bus 64 Potential Transformer Fuses  
 5/3/16 2301: Placed Mode Switch in Shutdown for planned shutdown to repair Bus 64 Potential Transformer Fuses  
 5/12/16 2110: Reactor is critical.  
 5/13/16 2235: Synchronized MTG.  
 5/16/16 2200 to 2317: Planned downpower to 61% reactor power for Rod Pattern Adjustment  
 5/18/16 2300 to 5/19/16 0109: Planned downpower to 70% reactor power for Rod Pattern Adjustment.

# OPERATING DATA REPORT

DOCKET: 341  
UNIT\_NME: Fermi Unit 2  
RPT\_PERIOD: 201606

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	4,152.85	202,526.95
4. Number of Hours Generator On-line	720.00	4,127.43	197,263.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	795,328.00	4,541,694.00	202,859,436.92

## 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:  
6/4/16 0902 to 1924: Unplanned downpower to 91% reactor to remove CFD from service. (not exempt)  
6/10/16 0300 to 0402: Planned downpower to 81% reactor power for HCU maintenance (exempt)  
6/11/16 2200 to 6/12/16 0844: Planned downpower to 72% reactor power for rod pattern adjustment (exempt)

# OPERATING DATA REPORT

DOCKET: 333  
UNIT\_NME: FitzPatrick Unit 1  
RPT\_PERIOD: 201604

PREPARER NAME: M.Lewis  
PREPARER TELEPHONE: 3153496107

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	2,778.77	292,207.08
4. Number of Hours Generator On-line	720.00	2,728.95	286,136.27
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	602,826.00	2,272,406.00	221,181,901.00

## 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 JAF Operated at 100% power throughout the month of May 2016 except for 3 planned downpowers and one unplanned downpower due to a control rod drift event.

# OPERATING DATA REPORT

DOCKET: 333  
UNIT\_NME: FitzPatrick Unit 1  
RPT\_PERIOD: 201605

PREPARER NAME: M.Lewis  
PREPARER TELEPHONE: 3153496107

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	744.00	3,522.77	292,951.08
4. Number of Hours Generator On-line	744.00	3,472.95	286,880.27
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	628,727.00	2,901,133.00	221,810,628.00

## 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 JAF Operated at 100% power throughout the month of May 2016 except for 1 planned downpower for Control Rod Pattern adjustment and HCU bolt replacements.



# OPERATING DATA REPORT

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: M.Lewis  
 PREPARER TELEPHONE: 3153496107

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	564.60	4,087.37	293,515.68
4. Number of Hours Generator On-line	564.25	4,037.20	287,444.52
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	459,975.00	3,361,108.00	222,270,603.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
FO22- 2	6/24/2016	F		155.75	A	2	Forced outage due to the failure of 71T-5(600V UNIT SUBSTATION L13 TRANSFORMER)

SUMMARY JAF Operated at 100% power throughout the month of June 2016 except for 3 planned downpowers and one unplanned downpower due to a transformer failing which caused operations to insert a manual SCRAM.

# OPERATING DATA REPORT

DOCKET: 285  
 UNIT\_NME: Fort Calhoun Unit 1  
 RPT\_PERIOD: 201604

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	720.00	2,903.00	289,805.32
4. Number of Hours Generator On-line	720.00	2,903.00	288,114.11
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	357,653.63	1,465,525.02	128,927,798.53

## 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 4/3/16: 10 MWh Scheduled Exempt Energy Loss for downpower to support Control Valve Testing.  
 4/5/16: 157.7 MWh Planned loss for CW-1C Circulator Preventative Maintenance.  
 4/17/16: 650.0 MWh Planned loss for securing CW-1A Circulator to support "A" Cell outage.

# OPERATING DATA REPORT

DOCKET: 285  
 UNIT\_NME: Fort Calhoun Unit 1  
 RPT\_PERIOD: 201605

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	744.00	3,647.00	290,549.32
4. Number of Hours Generator On-line	744.00	3,647.00	288,858.11
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	359,837.70	1,825,362.72	129,287,636.23

## 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 Energy Loss was for Condenser Cleaning.

# OPERATING DATA REPORT

DOCKET: 285  
 UNIT\_NME: Fort Calhoun Unit 1  
 RPT\_PERIOD: 201606

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	678.45	4,325.45	291,227.77
4. Number of Hours Generator On-line	594.83	4,241.83	289,452.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	286,274.53	2,111,637.25	129,573,910.76

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2016-001	6/22/2016	F	S	125.17	G	3	At 0841 an automatic turbine trip occurred resulting in an automatic reactor protective system (RPS) scram actuation due to loss of turbine load. Engineering was performing a modification to the digital control system (DCS) to eliminate a single point vulnerability (SPV) to multiple turbine trip logic parameters when the event occurred. All systems responded as expected post trip, and the reactor trip recovery procedure was entered at 0852.

SUMMARY June 2016 Comments:  
 6/22/16: 66,594.2 MWh Unplanned Loss for the Unit Trip associated with a DCS modification. CR 2016-05505.  
 6/28/16: 821.8 MWh Scheduled Exempt Energy Loss for MTC testing at 98% power.

# OPERATING DATA REPORT

DOCKET: 244  
UNIT\_NME: Ginna Unit 1  
RPT\_PERIOD: 201604

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	2,903.00	349,852.22
4. Number of Hours Generator On-line	720.00	2,903.00	346,315.31
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	417,497.30	1,682,687.42	167,915,456.25

## 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 of April. Average power for the month was 99.9%.

# OPERATING DATA REPORT

DOCKET: 244  
UNIT\_NME: Ginna Unit 1  
RPT\_PERIOD: 201605

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	3,647.00	350,596.22
4. Number of Hours Generator On-line	744.00	3,647.00	347,059.31
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	430,573.89	2,113,261.31	168,346,030.14

## 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 of May. Average power for the month was 99.8%.

# OPERATING DATA REPORT

DOCKET: 244  
UNIT\_NME: Ginna Unit 1  
RPT\_PERIOD: 201606

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	4,367.00	351,316.22
4. Number of Hours Generator On-line	720.00	4,367.00	347,779.31
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	412,175.45	2,525,436.76	168,758,205.59

## 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 of June. Average power for the month was 99.9%.

# OPERATING DATA REPORT

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201604

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	720.00	2,035.87	243,764.75
4. Number of Hours Generator On-line	720.00	1,947.30	238,813.58
5. Reserve Shutdown Hours	0.00	782.00	782.00
6. Net Electrical energy Generated (MWHrs)	964,026.00	2,601,984.00	286,857,304.00

## 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 Continued ascent to full power following FO 21-01: 45,392 MWe (unplanned)  
 Turbine HCU Maintenance: 22,861 MWe (unplanned)



# OPERATING DATA REPORT

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201605

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	2,779.87	244,508.75
4. Number of Hours Generator On-line	744.00	2,691.30	239,557.58
5. Reserve Shutdown Hours	0.00	782.00	782.00
6. Net Electrical energy Generated (MWHrs)	1,064,006.00	3,665,990.00	287,921,310.00

## 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 Turbine Stop Control Valve issues (unplanned) - 1393 MWe-hr

# OPERATING DATA REPORT

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: Adam 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	546.18	3,326.05	245,054.93
4. Number of Hours Generator On-line	530.87	3,222.17	240,088.45
5. Reserve Shutdown Hours	0.00	782.00	782.00
6. Net Electrical energy Generated (MWHrs)	709,045.00	4,375,035.00	288,630,355.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
140	6/25/2016	F	129.88	A	3	Reactor SCRAM caused by Turbine Control Valve fast closure.
139	6/17/2016	F	59.25	A	3	Reactor SCRAM caused by Turbine Control Valve oscillations.

SUMMARY Sequence Exchange 6/16  
 FO 21-02 Scram during Stop/Control Valve testing 6/17  
 FO 21-03 Scram due to Turbine Control issues 6/25

# OPERATING DATA REPORT

DOCKET: 400  
 UNIT\_NME: Harris Unit 1  
 RPT\_PERIOD: 201604

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	2,903.00	226,159.82
4. Number of Hours Generator On-line	720.00	2,903.00	224,631.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	687,985.00	2,790,466.00	197,709,489.00

## 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 Scheduled turbine valve testing was completed on 4/16/16. No other generation losses were incurred.

# OPERATING DATA REPORT

DOCKET: 400  
UNIT\_NME: Harris Unit 1  
RPT\_PERIOD: 201605

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	3,647.00	226,903.82
4. Number of Hours Generator On-line	744.00	3,647.00	225,375.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	706,362.00	3,496,828.00	198,415,851.00

## 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 related events for May, 2016.

# OPERATING DATA REPORT

DOCKET: 400  
UNIT\_NME: Harris Unit 1  
RPT\_PERIOD: 201606

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	720.00	4,367.00	227,623.82
4. Number of Hours Generator On-line	720.00	4,367.00	226,095.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	676,975.00	4,173,803.00	199,092,826.00

## 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 this month.

# OPERATING DATA REPORT

DOCKET: 321  
 UNIT\_NME: Hatch Unit 1  
 RPT\_PERIOD: 201604

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	681.62	2,267.89	299,374.96
4. Number of Hours Generator On-line	662.67	2,214.30	292,319.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	556,367.00	1,830,023.00	227,228,892.00

## 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	
16-	4/19/2016		S	57.33	A	1		An SRV pilot was leaking by causing an operational challenge. The unit was taken offline for repair.

**SUMMARY** Reactor power was reduced and the generator was taken offline followed by a manual reactor trip on 04/19/2016. Following replacement of Safety Relief valve pilot valves, the generator was tied on 04/22/2016 and the reactor was returned to rated power on 04/23/2016. Due to leakage in Reactor Feed Pump piping, reactor power was reduced to ~62% on 04/29/2016. Following repair, the reactor was returned to rated power on 04/30/2016.

# OPERATING DATA REPORT

DOCKET: 321  
UNIT\_NME: Hatch Unit 1  
RPT\_PERIOD: 201605

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	3,011.89	300,118.96
4. Number of Hours Generator On-line	744.00	2,958.30	293,063.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	662,165.00	2,492,188.00	227,891,057.00

## 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 (>20% rated thermal power) power change events this month.

# OPERATING DATA REPORT

DOCKET: 321  
 UNIT\_NME: Hatch Unit 1  
 RPT\_PERIOD: 201606

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	3,731.89	300,838.96
4. Number of Hours Generator On-line	720.00	3,678.30	293,783.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	622,434.00	3,114,622.00	228,513,491.00

## 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** Reactor power was reduced to ~80% rated thermal power to perform routine testing and make a rod pattern adjustment on 06/04/2016. Reactor power was returned to rated thermal power on 06/04/2016. Reactor power was reduced to ~60% rated thermal power to perform repair of Reactor Feedpump Turbine piping on 06/15/2016. Reactor power was returned to rated thermal power on 06/17/2016. 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: 201604

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

1. Design Electrical Rating: 908  
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	2,903.00	274,797.03
4. Number of Hours Generator On-line	720.00	2,903.00	269,603.37
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	642,728.00	2,625,893.00	213,956,227.00

## 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 (>20% rated thermal power) power change events this month.

# OPERATING DATA REPORT

DOCKET: 366  
 UNIT\_NME: Hatch Unit 2  
 RPT\_PERIOD: 201605

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	639.85	3,542.85	275,436.88
4. Number of Hours Generator On-line	617.07	3,520.07	270,220.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	524,544.00	3,150,437.00	214,480,771.00

## 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	
16-	5/20/2016		S	126.93	H	1		Replace 11 unit 2 SRVs that were considered Operable but Degraded based on condition of the unit 1 valves

**SUMMARY** Reactor power was reduced and the unit was taken offline for a planned outage on 05/20/2016 to replace 11 safety relief valves (SRVs). The Unit 2 SRVs, which were installed in 2015 prior to any industry learning of possible damage during testing, were replaced to allow a complete inspection and understanding of the condition of these 11 SRVs. Upon completion of the SRV replacements, the unit was tied to the grid on 05/26/2016 and reactor power was returned to rated thermal power on 05/29/2016. Subsequently, during testing of the Reactor Feed Pump Turbine Low pressure stop valve on 05/31/2016, the feed pump tripped and reactor power was reduced to about 44%. At the end of the month, the unit was ramping to rated thermal power.

# OPERATING DATA REPORT

DOCKET: 366  
UNIT\_NME: Hatch Unit 2  
RPT\_PERIOD: 201606

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

1. Design Electrical Rating: 908  
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	4,262.85	276,156.88
4. Number of Hours Generator On-line	720.00	4,240.07	270,940.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	603,140.00	3,753,577.00	215,083,911.00

## 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 Reactor power was reduced >20% three times during the month due to increasing condensate temperatures on 06/04/2016, 06/10/2016 and 06/15/2016. Reactor power was subsequently increased as conditions would allow. Reactor power was reduced to ~80% rated thermal power to perform routine testing and make a rod pattern adjustment and then to ~25% to swap Steam Jet Air Ejectors on 06/19/2016. Reactor power was returned to rated thermal power on 06/19/2016. 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: 201604

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	2,903.00	228,005.50
4. Number of Hours Generator On-line	720.00	2,903.00	224,112.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	882,404.00	3,569,929.00	240,083,725.00

## 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  
 Zero (0) planned power changes greater than 15% occurred in April 2016  
 Zero (0) unplanned power changes greater than 15% occurred in April 2016  
 The month ended with the unit online and the reactor critical at 99.8% 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: 201605

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	3,647.00	228,749.50
4. Number of Hours Generator On-line	744.00	3,647.00	224,856.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	902,840.00	4,472,769.00	240,986,565.00

## 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 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 May 2016  
 Zero (0) unplanned power changes greater than 15% occurred in May 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: 354  
 UNIT\_NME: Hope Creek Unit 1  
 RPT\_PERIOD: 201606

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	4,367.00	229,469.50
4. Number of Hours Generator On-line	699.87	4,346.87	225,556.15
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	795,097.00	5,267,866.00	241,781,662.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
HC-F-16-01	6/6/2016	F		20.13	A	5	On 6/5/16 at 09:00 while at reduced power (70%) for a planned downpower to perform turbine valve testing and waterbox cleaning, a pop sound was heard in the Hope Creek condenser bay. This event was followed by increased temperature and humidity in the turbine building indicative of a steam leak. On 6/5/16 at 22:03, Hope Creek began reducing power from 69% to 18% to locate the steam leak and perform repairs. Power was stabilized on 6/6/16 at 05:48 at approximately 18% CTP. On 6/6/16 at 08:53, the turbine and main generator were removed from service. The leak was identified as a failed weld on a drainpot for a turbine valve drain line. On 6/7/16 at 01:30, steam leak repairs were complete. The Hope Creek turbine/generator was synchronized to the grid on 6/7/16 at 05:01 and power ascension from 17% to 100% commenced on 6/7/16 at 05:27. Hope Creek reached 100% CTP on 6/7/16 at 20:44. The Hope Creek reactor remained critical during the evolution and was not removed from service.

**SUMMARY** The month began with the unit online and the reactor critical at 99.9% CTP  
 One (1) planned power change greater than 15% occurred in June 2016  
 A power decrease of approximately 40% (100% to 60%) occurred on 6/3/16 20:01 for Main Turbine valve testing and condenser waterbox cleaning. Power was stabilized on 6/4/16 at 00:29 at approximately 70% CTP. This is a planned power reduction IAW NEI 99-02.  
 One (1) unplanned power change greater than 15% occurred in June 2016  
 On 6/5/16 at 09:00 while at reduced power (70%) for a planned downpower to perform turbine valve testing and waterbox cleaning, a pop sound was heard in the Hope Creek condenser bay. This event was followed by increased temperature and humidity in the turbine building indicative of a steam leak. On 6/5/16 at 22:03, Hope Creek began reducing power from 69% to 18% to locate the steam leak and perform repairs. Power was stabilized on 6/6/16 at 05:48 at approximately 18% CTP. On 6/6/16 at 08:53, the turbine and main generator were removed from service. The leak was identified as a failed weld on a drainpot for a turbine valve drain line. On 6/7/16 at 01:30, steam leak repairs were complete. The Hope Creek turbine/generator was synchronized to the grid on 6/7/16 at 05:01 and power ascension from 17% to 100% commenced on 6/7/16 at 05:27. Hope Creek reached 100% CTP on 6/7/16 at 20:44. The Hope Creek reactor remained critical during the evolution and was not removed from service. This is an unplanned power reduction IAW NEI 99-02.  
 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: 201604

PREPARER NAME: John Garry  
 PREPARER TELEPHONE: (914)254-6881

1. Design Electrical Rating: 1035  
 2. Maximum Dependable Capacity (MWe-Net) 998

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	1,584.00	284,654.57
4. Number of Hours Generator On-line	0.00	1,584.00	280,061.18
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	1,524,340.18	253,712,624.06

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
3	3/7/2016		S	720.00	C	4	On 3/7/16 Indian Point Unit 2 shutdown to for 2R22. The Unit was returned online on 06/16/2016.

**SUMMARY** Indian Point 2 was not synchronized to the grid this month. The unit began the month in the 2R22 Refueling Outage. The unit remained off line for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201605

PREPARER NAME: John Garry  
 PREPARER TELEPHONE: (914)254-6881

1. Design Electrical Rating: 1035  
 2. Maximum Dependable Capacity (MWe-Net) 998

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	1,584.00	284,654.57
4. Number of Hours Generator On-line	0.00	1,584.00	280,061.18
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	1,524,340.18	253,712,624.06

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
3	3/7/2016		S	744.00	C	4	On 3/7/16 Indian Point Unit 2 shutdown to for 2R22. The Unit was returned online on 06/16/2016.

**SUMMARY** Indian Point 2 was not synchronized to the grid this month. The unit began the month in the 2R22 Refueling Outage. The unit remained off line for the remainder of the month.



# OPERATING DATA REPORT

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201606

PREPARER NAME: John Garry  
 PREPARER TELEPHONE: 9142546881

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	319.75	1,903.75	284,974.32
4. Number of Hours Generator On-line	255.32	1,839.32	280,316.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	117,798.00	1,642,138.18	253,830,422.06

## 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	6/24/2016	F		81.20	A	1		On 6/24/16 at 0800 hours, the unit was manually shutdown after a CCW AOT expired. The unit was synced to the grid on 6/27/16 17:11.
3	3/7/2016		S	383.48	C	4		On 3/7/16 Indian Point Unit 2 shutdown to for 2R22. The Unit was returned online on 06/16/2016.

**SUMMARY** Indian Point 2 was synchronized to the grid for 255.33 hours. The unit began the month in the 2R22 Refueling Outage that was extended due to findings under MRP-227-A of degraded reactor vessel baffle-former bolts. On 6/14/16, at 17:44 hours, the reactor was made critical and on 6/16/16 at 23:28 hours, the unit was synchronized to the grid. On 6/24/16 at 7:59 hours, the unit was taken off line due to a CCW TS AOT expiration as a result of a leaking weld flaw in a SW pipe. The unit was taken back online on 6/27/16 at 17:11 hours and returned to full power on 6/30/16 at 0:00. The unit was online for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201604

PREPARER NAME: John Garry  
 PREPARER TELEPHONE: (914)254-6881

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	2,903.00	256,451.78
4. Number of Hours Generator On-line	720.00	2,903.00	252,972.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	734,719.00	3,010,571.00	240,111,972.00

## UNIT SHUTDOWNS

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

**SUMMARY** Indian Point 3 was synchronized to the grid for a total of 720 hours, producing a gross generation of 757,746 MWHrs. On 4/26/2016 at 0305 hours, both heater drain tank pumps tripped due to a failed level controller on the heater drain tank. The unit was reduced to under 50% power until the controller was repaired. Full power was achieved on 4/27/16 at 0616 hours. The unit operated at full power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201605

PREPARER NAME: John Garry  
 PREPARER TELEPHONE: (914)254-6881

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	3,647.00	257,195.78
4. Number of Hours Generator On-line	744.00	3,647.00	253,716.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	775,014.00	3,785,585.00	240,886,986.00

## 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 744 hours, producing a gross generation of 798,880 MWHrs. The unit operated at full power for the entire month.

# OPERATING DATA REPORT

DOCKET: 286  
UNIT\_NME: Indian Point Unit 3  
RPT\_PERIOD: 201606

PREPARER NAME: John Garry  
PREPARER TELEPHONE: (914)254-6881

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	4,367.00	257,915.78
4. Number of Hours Generator On-line	720.00	4,367.00	254,436.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	745,587.00	4,531,172.00	241,632,573.00

## 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 Indian Point 3 was synchronized to the grid for a total of 720 hours, producing a gross generation of 770,433 MWHrs. The unit operated at full power for the entire month.

# OPERATING DATA REPORT

DOCKET: 373  
UNIT\_NME: LaSalle Unit 1  
RPT\_PERIOD: 201604

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	720.00	2,204.68	227,586.41
4. Number of Hours Generator On-line	720.00	2,138.33	224,844.50
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	839,118.00	2,348,005.00	239,559,970.00

## 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 920 MWe on April 2, 2016 for a Sequence Exchange and a downpower to approximately 960 MWe on April 7, 2016 for an EHC hose leak. 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: 201605

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	2,948.68	228,330.41
4. Number of Hours Generator On-line	744.00	2,882.33	225,588.50
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	861,752.00	3,209,757.00	240,421,722.00

## 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 800 MWe on May 19, 2016 for a Sequence Exchange. 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: 201606

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	720.00	3,668.68	229,050.41
4. Number of Hours Generator On-line	720.00	3,602.33	226,308.50
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	764,948.00	3,974,705.00	241,186,670.00

## 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 825 MWe on June 22, 2016 due to a loss of transmission lines L0101 and L0102. 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: 201604

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	720.00	2,903.00	219,603.21
4. Number of Hours Generator On-line	720.00	2,903.00	218,137.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	841,551.00	3,397,590.00	234,081,374.00

## 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 month of April 2016.



# OPERATING DATA REPORT

DOCKET: 374  
 UNIT\_NME: LaSalle Unit 2  
 RPT\_PERIOD: 201605

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	3,647.00	220,347.21
4. Number of Hours Generator On-line	744.00	3,647.00	218,881.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	859,664.00	4,257,254.00	234,941,038.00

## 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 700 MWe on May 29, 2016 for a Sequence Exchange. 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: 201606

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	720.00	4,367.00	221,067.21
4. Number of Hours Generator On-line	720.00	4,367.00	219,601.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	757,683.00	5,014,937.00	235,698,721.00

## 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 1170 MWe on June 9th, 2016 due to a 2D Condensate Prefilter Leak. Unit 2 also had a downpower to approximately 830 MWe on June 22, 2016 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: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201604

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

1. Design Electrical Rating: 1205  
 2. Maximum Dependable Capacity (MWe-Net) 1099

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	362.95	2,283.50	242,019.01
4. Number of Hours Generator On-line	332.32	2,251.50	239,396.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	370,147.00	2,502,862.00	259,070,832.50

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
001	3/21/2016		S	387.68	C	4	.Generator was sync'd to the grid on 04/17/2016 at 03:41 hours.

**SUMMARY** Unit 1 began the month of April 2016 at 0% of rated thermal power (RTP).

On April 15th at 21:03 hours, the Unit 1 reactor was taken critical coming out of the Li1R16 refueling outage.  
 On April 17th at 03:41 hours, the Unit 1 generator was sync'd to the grid ending the Li1R16 refueling outage.

On April 18th at 08:38 hours, reactor power was restored to 100.0% RTP. Reactor power was reduced from 99.9% to 96.9% RTP at 13:22 hours due to an unplanned failure of the ASD system. Reactor power was restored to 99.7% RTP at 14:16 hours. Reactor power was reduced from 98.4% to 82.7% at 21:02 hours for a planned load drop to perform a control rod pattern adjustment.

On April 19th at 01:46 hours, reactor power was restored to 99.8% RTP. Reactor Power was reduced from 99.7% to 98.8% RTP at 09:43 hours due to an unplanned failure of the LEFM system.

On April 21st at 11:00 hours, reactor power was restored to 99.6% RTP.

On April 23rd at 22:01 hours, reactor power was reduced from 99.9% to 91.7% for a planned rod pattern adjustment.  
 On April 24th at 03:05 hours, reactor power was restored to 99.6% RTP.

Unit 1 ended the month of April 2016 at 99.9% RTP.

# OPERATING DATA REPORT

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201605

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	3,027.50	242,763.01
4. Number of Hours Generator On-line	744.00	2,995.50	240,140.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	858,742.00	3,361,604.00	259,929,574.50

## 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 May 2016 at 99.9% of rated thermal power (RTP).

On May 9th at 01:36 hours, reactor power was reduced from 100.0% to 96.7% for HCU online maintenance. Reactor power was restored to 99.7% RTP at 02:22 hours.

On May 13th at 23:01 hours, reactor power was reduced from 99.8% to 59.4% RTP for Turbine valve testing and a control rod pattern adjustment. On May 14th at 15:55 hours, reactor power was restored to 99.5% RTP.

Unit 1 ended the month of May 2016 at 100% RTP.

# OPERATING DATA REPORT

DOCKET: 352  
UNIT\_NME: Limerick Unit 1  
RPT\_PERIOD: 201606

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	3,747.50	243,483.01
4. Number of Hours Generator On-line	720.00	3,715.50	240,860.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	827,243.00	4,188,847.00	260,756,817.50

## 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 1 began the month of June 2016 at 100.0% of rated thermal power (RTP).

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

Unit 1 ended the month of June 2016 at 100% RTP.

# OPERATING DATA REPORT

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201604

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	2,903.00	218,168.32
4. Number of Hours Generator On-line	720.00	2,903.00	215,657.11
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	846,357.00	3,436,495.00	238,508,013.50

## 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 April 2016 at 100% of rated thermal power (RTP).

There were no power reductions on Unit 2 during the month of April, 2016

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

# OPERATING DATA REPORT

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201605

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	3,647.00	218,912.32
4. Number of Hours Generator On-line	744.00	3,647.00	216,401.11
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	854,936.00	4,291,431.00	239,362,949.50

## 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 May 2016 at 100% of rated thermal power (RTP).

On May 15th at 09:26 hours, reactor power was reduced from 100.0% to 96.9% for HCU online maintenance. Reactor power was restored to 99.6% RTP at 13:35 hours.

On May 20th at 22:01 hours, reactor power was reduced from 100% to 60.3% RTP for Turbine valve testing and a control rod pattern adjustment and water box cleaning.

On May 22nd at 00:10 hours, reactor power was restored to 99.6% RTP. Reactor power was reduced from 99.7% to 96.4% RTP at 06:30 hours for a follow-up rod pattern adjustment. Reactor power was restored to 99.7% RTP at 22:59 hours.

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

# OPERATING DATA REPORT

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201606

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	692.03	4,339.03	219,604.35
4. Number of Hours Generator On-line	680.13	4,327.13	217,081.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	758,736.00	5,050,167.00	240,121,685.50

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
Li2F53	6/1/2016	F		39.87	A	2	Manual Scram following a dual recirc pump trip on 06/01/16 at 09:01 hours. Unit returned to full power on 06/03/16 at 18:59 hours

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

On June 1st at 09:01 hours, reactor power was reduced from 100.0% to 0% following a manual scram due to a dual recirc pump trip.  
 On June 2nd at 12:59 hours, the unit 2 reactor was taken critical.  
 On June 3rd at 00:54 hours, the Unit 2 generator was sync'd to the grid. Reactor power was restored to 100% RTP at 18:59 hours. Reactor power was reduced from 99.5% to 84.0 % RTP at 19:36 hours for a follow-up rod pattern adjustment.  
 On June 4th at 13:31 hours, reactor power was restored to 99.6% RTP.

On June 11th at 16:56 hours, reactor power was reduced from 99.7% to 98.0% RTP due to high condensate temperature caused by high ambient temperature. Reactor power was restored to 99.6% at 22:45 hours.

On June 12th at 06:27 hours, reactor power was reduced from 100.0% to 84.4% RTP due to a Main Turbine control valve failing closed.  
 On June 14th at 09:58 hours, reactor power was restored to 99.5% RTP.

On June 16th at 10:54 hours, reactor power was reduced from 99.9% to 99.3% RTP to perform a HPCI pump, valve, and flow test. Reactor power was restored to 100% RTP at 13:12 hours.

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



# OPERATING DATA REPORT

DOCKET: 369  
 UNIT\_NME: McGuire Unit 1  
 RPT\_PERIOD: 201604

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	346.55	2,221.75	249,506.36
4. Number of Hours Generator On-line	328.73	2,203.73	247,842.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	365,112.00	2,599,431.00	271,850,242.00

## 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	
1	3/19/2016		S	391.27	C	4		Unit 1 commenced load reduction for the 1EOC24 refueling outage at 19:02 on 3/18/2016. The 1B generator breaker was opened due to 1B busline work at 23:41 on 3/18/2016. Unit 1 manually tripped the turbine and opened the 1A generator breaker at 04:00 on 3/19/2016. Unit 1 manual trip (opened reactor trip breakers) occurred at 04:12 on 3/19/2016. Outage completed in 699.27 hours or 29.14 days. Power escalation continued following closing the generator breakers and Unit 1 reached 100% power on 04/19/2016 at 23:45.

**SUMMARY** Unit 1 began the month of April in No Mode due to the planned 1EOC24 refueling outage. Unit 1 entered Mode 2 and commenced Zero Power Physics Testing (ZPPT) at 12:54 on 04/16/2016. Unit 1 was declared critical at 13:27 on 04/16/2016. On 04/16/2016, ZPPT was completed at 19:33 and power escalation to 15% RTP commenced at 20:49. Unit 1 entered Mode 1 at 21:15 on 04/16/2016. On 04/17/2016, the main generator was tied to the grid at 07:16:07 after closing the 1A generator breaker. The 1B generator breaker was closed at 07:17:38 on 04/17/2016. Unit 1 commenced power increase to ~30% RTP for the low power flux map at 07:49 on 04/17/2016. Unit 1 secured power ~29% RTP for the flux map at 14:12 on 04/17/2016. The flux map was taken at 29% RTP and completed at 16:40 on 04/17/2016. Unit 1 commenced power increase to 78% RTP at 16:42 on 04/17/2016. At 19:22 on 04/17/2016 Unit 1 secured power increase ~ 53% RTP to place the 1A feed pump in service. Unit 1 recommenced power increase to 78% RTP for the intermediate power flux map at 21:29 on 04/17/2016. Unit 1 secured power at 78% RTP at 11:42 on 04/18/2016 and the flux map was completed at 13:23 on 04/18/2016. Unit 1 commenced power increase to 95% RTP at 14:50 on 04/18/2016. Unit 1 secured power at 95% RTP at 22:41 on 04/18/2016 for thermal power output measurement and Delta-T check (Loop A and B Delta-T's were non-conservative so Unit 1 held at 95% RTP until calibration of these loops were complete). Unit 1 commenced power increase to 98% RTP at 11:45 on 04/19/2016. Secured Unit 1 at 98% RTP at 12:53 on 04/19/2016 due to issues with the Leading Edge Flow Meters (LEFM); the unit cannot increase past 98.3% RTP until resolved. Unit 1 commenced power increase to 100% RTP following resolution of LEFM issue at 15:20 on 04/19/2016. Unit 1 at 100% RTP at 23:45 on 04/19/2016. Unit 1 remained at 100% RTP for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 369  
UNIT\_NME: McGuire Unit 1  
RPT\_PERIOD: 201605

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	744.00	2,965.75	250,250.36
4. Number of Hours Generator On-line	744.00	744.00	2,947.73	248,586.32
5. Reserve Shutdown Hours	0.00	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	884,355.00	884,355.00	3,483,786.00	272,734,597.00

## 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 1 operated at approximately 100% for May 2016.

# OPERATING DATA REPORT

DOCKET: 369  
 UNIT\_NME: McGuire Unit 1  
 RPT\_PERIOD: 201606

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	3,685.75	250,970.36
4. Number of Hours Generator On-line	720.00	3,667.73	249,306.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	846,185.00	4,329,971.00	273,580,782.00

## 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 approximately 100% for June 2016.

# OPERATING DATA REPORT

DOCKET: 370  
UNIT\_NME: McGuire Unit 2  
RPT\_PERIOD: 201604

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	2,903.00	243,451.14
4. Number of Hours Generator On-line	720.00	2,903.00	241,758.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	856,857.00	3,457,010.00	271,027,292.00

## 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 April 2016.

# OPERATING DATA REPORT

DOCKET: 370  
UNIT\_NME: McGuire Unit 2  
RPT\_PERIOD: 201605

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	3,647.00	244,195.14
4. Number of Hours Generator On-line	744.00	3,647.00	242,502.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	884,689.00	4,341,699.00	271,911,981.00

## 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 May 2016.

# OPERATING DATA REPORT

DOCKET: 370  
UNIT\_NME: McGuire Unit 2  
RPT\_PERIOD: 201606

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	4,367.00	244,915.14
4. Number of Hours Generator On-line	720.00	4,367.00	243,222.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	848,267.00	5,189,966.00	272,760,248.00

## 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 approximately 100% for June 2016.

# OPERATING DATA REPORT

DOCKET: 336  
UNIT\_NME: Millstone Unit 2  
RPT\_PERIOD: 201604

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	2,903.00	256,467.75
4. Number of Hours Generator On-line	720.00	2,903.00	250,278.61
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	620,323.70	2,502,295.40	210,169,914.70

## 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 Millstone Unit 2 operated at or near 100% power throughout the month of April 2016.

# OPERATING DATA REPORT

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201605

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	3,647.00	257,211.75
4. Number of Hours Generator On-line	744.00	3,647.00	251,022.61
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	640,152.80	3,142,448.20	210,810,067.50

## 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** Millstone Unit 2 operated at or near 100% power from the beginning of the month until May 26, 2016. On May 26, 2016 at 0700 hours, the unit commenced a down power to 90% power to conduct routine Main Turbine Control Valve Testing. On May 26, 2016 at 1027 hours, the unit commenced Main Turbine Control Valve Testing. On May 26, 2016 at 1200, the unit commenced a return to full power, reaching 100% power on May 26, 2016 at 1500 hours. Millstone Unit 2 operated at or near 100% power for the remainder of the month.



# OPERATING DATA REPORT

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201606

PREPARER NAME: A. Gallis  
 PREPARER TELEPHONE: 860-440-0244

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	4,367.00	257,931.75
4. Number of Hours Generator On-line	720.00	4,367.00	251,742.61
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	618,780.30	3,761,228.50	211,428,847.80

## 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 June 2016.

# OPERATING DATA REPORT

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201604

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

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	216.88	2,314.76	210,423.04
4. Number of Hours Generator On-line	215.23	2,295.91	208,243.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	252,854.30	2,784,921.30	237,587,761.24

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2016-	4/9/2016		S	504.77	C	1	Entering Refueling Outage 3R17 Major Activities include: "B" and "C" Reactor Coolant Pump upgraded seal replacements, "B" Primary Component Cooling heat exchanger replacement, "C" Reactor Coolant Pump Motor replacement, 10 year Reactor Vessel in-service inspection, Steam Generator secondary side chemical cleaning, "B" Emergency Diesel Generator Governor replacement, Turbine Driven Aux. Feed Water Pump speed change modification, Alloy 600 pipe issue mitigation, FAC piping replacements.

**SUMMARY** Millstone Unit 3 operated at or near 100% power until April 09, 2016. At 2314 hours on April 09, 2016, the unit was removed from service for a refueling and maintenance outage scheduled for 29 days. The unit remained in the outage through the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201605

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	413.00	2,727.76	210,836.04
4. Number of Hours Generator On-line	370.33	2,666.24	208,613.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	404,859.30	3,189,780.60	237,992,620.54

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2016-	4/9/2016	S		304.30	C	4	Entering Refueling Outage 3R17 Major Activities include: "B" and "C" Reactor Coolant Pump upgraded seal replacements, "B" Primary Component Cooling heat exchanger replacement, "C" Reactor Coolant Pump Motor replacement, 10 year Reactor Vessel in-service inspection, Steam Generator secondary side chemical cleaning, "B" Emergency Diesel Generator Governor replacement, Turbine Driven Aux. Feed Water Pump speed change modification, Alloy 600 pipe issue mitigation, FAC piping replacements.
2016-	5/17/2016	F		12.62	G	5	Maintenance troubleshooting on the main steam reheat supply valves to the moisture separators required isolating the reheat steam supply valves to the moisture separators as well as the moisture separator drains to the condenser. The on-coming crew thought that only the reheater supply valves were affected which would allow turbine start up to 30% power. During the plant start up, the moisture separator drain tanks filled to the high level trip set point due to the drain path being isolated resulting in a turbine trip. A cause evaluation was assigned to investigate.
2016-	5/15/2016	F		56.75	A	2	A manual reactor trip was performed when elevated hydrogen levels were detected on the turbine deck near the generator. Subsequent investigation found a fitting on the generator end shield sealant groove that had become dislodged that provided a direct flow path for the hydrogen from the generator to the atmosphere. The loose fitting was repaired and all other plugs checked for tightness.

**SUMMARY** Millstone Unit 3 restarted from a planned refueling outage on May 12, 2016. Cycle 18 initial criticality occurred on May 12, 2016 at 2042 hours. The main generator was phased to the grid on May 13, 2016 at 1618 hours. The unit was at 74% power on May 15, 2016 when the reactor was manually tripped at 0644 hours due to a hydrogen leak from the Main Generator. The reactor was again made critical on May 17, 2016 at 0502 hours. The main generator was phased to the grid on May 17, 2016 at 1529 hours. The unit was at 20% power on May 17, 2016 when the main turbine automatically tripped at 1643 hours due to Moisture Separator drain tank high level. The main generator was phased to the grid on May 18, 2016 at 0520 hours. The unit reached 100% power on May 20, 2016 at about 0232 hours. The unit operated at or near 100% power for the remainder of May 2016.

# OPERATING DATA REPORT

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201606

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

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	473.95	3,201.71	211,309.99
4. Number of Hours Generator On-line	455.75	3,121.99	209,069.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	541,383.30	3,731,163.90	238,534,003.84

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2016-	6/12/2016	F		264.25	A	2	Reactor coolant leakage due to failure of the "A" Reactor Coolant Pump seal. Replaced failed pump seal.

**SUMMARY** Millstone Unit 3 operated at or near 100% power from the beginning of the month until June 12, 2016. On June 12, 2016 at 2218 hours, the unit commenced a rapid down power to remove the unit from service due to a Reactor Coolant System leak rate greater than 1 gpm. On June 12, 2016 at 2337 hours, feedwater flow isolated, followed by a main generator trip, due to high "B" steam generator water level. Operators manually tripped the reactor on June 12, 2016 at 2337 hours. After replacement of the "A" Reactor Coolant Pump seal, criticality occurred on June 23, 2016 at 0540 hours. The main generator was phased to the grid on June 23, 2016 at 2352 hours. The unit reached approximately 100% power on June 25, 2016 at 0745 hours. The unit operated at or near 100% power for the remainder of June 2016.

# OPERATING DATA REPORT

DOCKET: 263  
UNIT\_NME: Monticello Unit 1  
RPT\_PERIOD: 201604

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	2,903.00	333,265.92
4. Number of Hours Generator On-line	720.00	2,903.00	328,861.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	475,660.00	1,913,472.00	175,398,961.30

## 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 There was one unplanned downpower on April 7-8 due to loss of the CTP computer point. Power was lowered to 97.5% RTP per procedure for loss of process computer until the failed equipment could be repaired.

# OPERATING DATA REPORT

DOCKET: 263  
UNIT\_NME: Monticello Unit 1  
RPT\_PERIOD: 201605

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	3,647.00	334,009.92
4. Number of Hours Generator On-line	744.00	3,647.00	329,605.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	486,354.00	2,399,826.00	175,885,315.30

## 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 the entire month.

# OPERATING DATA REPORT

DOCKET: 263  
UNIT\_NME: Monticello Unit 1  
RPT\_PERIOD: 201606

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	4,367.00	334,729.92
4. Number of Hours Generator On-line	720.00	4,367.00	330,325.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	457,486.00	2,857,312.00	176,342,801.30

## UNIT SHUTDOWNS

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

SUMMARY There was a planned downpower to 75% starting on 6/4/16 for a sequence exchange and quarterly turbine/MSIV testing. 100% steady-state power was restored after the final rod pattern adjustment on 6/7/16.

# OPERATING DATA REPORT

DOCKET: 220  
UNIT\_NME: Nine Mile Point Unit 1  
RPT\_PERIOD: 201604

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	2,903.00	314,870.05
4. Number of Hours Generator On-line	720.00	2,903.00	309,648.93
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	449,126.18	1,809,793.33	177,949,476.70

## 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 Exempt Losses (24 MWh total):  
Surveillance Testing - Feedwater - 24 MWh.



# OPERATING DATA REPORT

DOCKET: 220  
UNIT\_NME: Nine Mile Point Unit 1  
RPT\_PERIOD: 201605

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	3,647.00	315,614.05
4. Number of Hours Generator On-line	744.00	3,647.00	310,392.93
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	461,577.16	2,271,370.49	178,411,053.86

## 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 Exempt Losses (349 MWh total)

Tech specification surveillance testing - Feedwater Surveillance Testing: 12 MWh.  
Sequence Exchange: 292 MWh.  
Rodline/Power Adjustments: 45 MWh.

# OPERATING DATA REPORT

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201606

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	4,367.00	316,334.05
4. Number of Hours Generator On-line	720.00	4,367.00	311,112.93
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	438,329.32	2,709,699.81	178,849,383.18

## 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 Exempt Losses (77 MWh total)

Turbine Valve Testing: 72 MWh.  
 Rodline/Power Adjustments: 5 MWh.

# OPERATING DATA REPORT

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201604

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	244.33	2,427.33	212,538.08
4. Number of Hours Generator On-line	240.22	2,423.22	209,021.75
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	306,381.84	3,122,147.30	231,947,848.18

## 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	
15	4/11/2016		S	479.78	C	1		N2R15 Planned Refueling Outage

SUMMARY Planned Refueling Outage N2R15 - 653,796 MWh.

Exempt Losses (4971 MWh total):

Power ramp-down to N2R15 - 3781 MWh.

Expected Thermal Loss - 6th Point Feedwater Heater partition plate leakage - 1190 MWh.

# OPERATING DATA REPORT

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201605

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	653.65	3,080.98	213,191.73
4. Number of Hours Generator On-line	621.47	3,044.69	209,643.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	785,783.97	3,907,931.27	232,733,632.15

## 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	
15	4/11/2016		S	122.53	C	4		N2R15 Planned Refueling Outage

SUMMARY N2R15 Planned Unit 2 Refueling Outage - 166,976 MWh.

Exempt Losses (15,019 MWh total)

Power ramp-up post RFO N2R15: 13,233 MWh.  
 Reactor Flow Control Adjustment: 18 MWh.  
 Rodline Adjustment: 520 MWh.  
 Sequence Exchange/ Turbine Valve Testing: 1248 MWh.

# OPERATING DATA REPORT

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201606

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	3,800.98	213,911.73
4. Number of Hours Generator On-line	720.00	3,764.69	210,363.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	922,775.88	4,830,707.15	233,656,408.03

## 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 Exempt Losses (3 MWh total)

Rodline Adjustment: 3 MWh.

# OPERATING DATA REPORT

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201604

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	720.00	2,903.00	281,367.38
4. Number of Hours Generator On-line	720.00	2,903.00	277,569.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	701,376.45	2,839,266.85	245,436,727.30

## 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 Began the Month @ 100% Power, 1023 MWe. Ended the Month @ 100% Power, 1025 MWe.

Note: Unplanned MW loss was attributed to the loss of "A RSST" on 4-29-16

# OPERATING DATA REPORT

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201605

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	3,647.00	282,111.38
4. Number of Hours Generator On-line	744.00	3,647.00	278,313.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	724,650.02	3,563,916.87	246,161,377.32

## 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, 1025 MWe.

At 1027 on 5-11-16, commence ramp to 96% power to perform Turbine Valve Freedom Test, (1-PT-34.3). At 1048 on 5-11-16, 96% Power, 985 MWe. At 1130 on 5-11-16, 1-PT-34.3 complete and Sat. At 1135 on 5-11-16, commence ramp to full power. At 1445 on 5-11-16, stabilized power @ 99.5% power, 1021 MWe.

Ended the Month @ 100% Power, 1018 MWe.

Note: Exempt energy loss due to Turbine Valve Freedom test on 5-11-16.

Note: The ending MW reading is lower due to increase in lakewater temperature

# OPERATING DATA REPORT

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: W.B.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	720.00	4,367.00	282,831.38
4. Number of Hours Generator On-line	720.00	4,367.00	279,033.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	692,947.00	4,256,863.87	246,854,324.32

## 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, 1018 MWe.

At 1024 on 6-27-16, commenced ramping unit down to perform 1-PT-13.4 (Moderator Temperature Coefficient). At 1032 on 6-27-16, Stabilized @ 976 MWe. At 1342 on 6-27-16, commenced ramping unit up to return to full power. At 1433 on 6-27-16, 1-PT-13.4 is complete and SAT. At 1900 on 6-27-16, 100% Power, 1007 MWe.

Ended the Month @ 100% Power, 1008 MWe.

Note: Exempt Energy Loss of 220 MW was attributed to planned 1-PT-13.4 (Moderator Temperature Coefficient).

Note: Ending MW reading is lower due to increase in lake water temperature.



# OPERATING DATA REPORT

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201604

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	511.92	2,074.67	268,626.31
4. Number of Hours Generator On-line	494.93	2,057.10	266,772.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	453,514.01	1,943,137.23	237,739,549.08

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
N2- 2016- 001	3/6/2016	S	225.07	C	4	Scheduled Refueling Outage

SUMMARY Began the Month Defueled.

At 1605 on 4-9-16, Reactor is Critical  
 At 0904 on 4-10-16, Placed Unit on Line

Ended the Month @ 100% Power, 1024 MWe.

Note: Exempt Energy Loss attributed to Ramping up from Scheduled Refueling Outage

# OPERATING DATA REPORT

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201605

PREPARER NAME: W.C.BEASLEY  
 PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating:	973		
2. Maximum Dependable Capacity (MWe-Net)	944		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	2,818.67	269,370.31
4. Number of Hours Generator On-line	744.00	2,801.10	267,516.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	724,079.10	2,667,216.33	238,463,628.18

## 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 Began the Month @ 100% power, 1024 MWe. Ended the Month @ 100% Power, 1017 MWe.

Note: Ending MW reading is lower due to increase in lake water temperature.

# OPERATING DATA REPORT

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201606

PREPARER NAME: W.C.BEASLEY  
 PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating:	973		
2. Maximum Dependable Capacity (MWe-Net)	944		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	3,538.67	270,090.31
4. Number of Hours Generator On-line	720.00	3,521.10	268,236.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	689,764.14	3,356,980.47	239,153,392.32

## 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, 1017 MWe. Ended the Month @ 100% Power, 1005 MWe.

Note: Ending MW reading is lower due to increase in lake water temperature.

# OPERATING DATA REPORT

DOCKET: 269  
UNIT\_NME: Oconee Unit 1  
RPT\_PERIOD: 201604

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	720.00	2,368.07	308,082.33
4. Number of Hours Generator On-line	720.00	2,327.38	303,924.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	618,394.00	1,976,787.00	251,032,844.00

## 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 April, 2016.

Unit One was at 100% FP at the end of April, 2016.

# OPERATING DATA REPORT

DOCKET: 269  
UNIT\_NME: Oconee Unit 1  
RPT\_PERIOD: 201605

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	3,112.07	308,826.33
4. Number of Hours Generator On-line	744.00	3,071.38	304,668.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	638,480.00	2,615,267.00	251,671,324.00

## 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 May, 2016.

Unit One was at 100% FP at the end of May, 2016.

# OPERATING DATA REPORT

DOCKET: 269  
 UNIT\_NME: Oconee Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: Thomas Hunter  
 PREPARER TELEPHONE: Thomas Hunter

- 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	3,832.07	309,546.33
4. Number of Hours Generator On-line	720.00	3,791.38	305,388.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	613,488.00	3,228,755.00	252,284,812.00

## 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 June, 2016.

06/25/1609:01 Began power decrease from 100% FP to 96% FP in order to perform Turbine Valve Movement Periodic Test.

06/25/1609:25 Completed power decrease to 96% FP.

06/25/1611:33 Began power increase from 96% FP to 99.5% FP following completion of Turbine Valve Movement Periodic Test.

06/25/1612:15 Completed power increase to 99.5% FP.

06/25/1612:30 Began power increase from 99.5% FP to 100% FP.

06/25/1612:40 Completed power increase to 100% FP.

Unit One was at 100% FP at the end of June, 2016.

# OPERATING DATA REPORT

DOCKET: 270  
UNIT\_NME: Oconee Unit 2  
RPT\_PERIOD: 201604

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	720.00	2,903.00	309,410.14
4. Number of Hours Generator On-line	720.00	2,903.00	306,213.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	630,808.00	2,545,723.00	253,364,358.00

## 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% FP at the beginning of April, 2016.

Unit Two was at 100% FP at the end of April, 2016.

# OPERATING DATA REPORT

DOCKET: 270  
UNIT\_NME: Oconee Unit 2  
RPT\_PERIOD: 201605

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	3,647.00	310,154.14
4. Number of Hours Generator On-line	744.00	3,647.00	306,957.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	648,636.00	3,194,359.00	254,012,994.00

## 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% FP at the beginning of May, 2016.

Unit Two was at 100% FP at the end of May, 2016.



# OPERATING DATA REPORT

DOCKET: 270  
 UNIT\_NME: Oconee Unit 2  
 RPT\_PERIOD: 201606

PREPARER NAME: Thomas Hunter  
 PREPARER TELEPHONE: Thomas Hunter

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	720.00	4,367.00	310,874.14
4. Number of Hours Generator On-line	720.00	4,367.00	307,677.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	625,372.00	3,819,731.00	254,638,366.00

## 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% FP at the beginning of June, 2016.

06/11/1611:55Began power decrease from 100% FP to 96% FP in order to perform Turbine Valve Movement Periodic Test.

06/11/1612:15Completed power decrease to 96% FP.

06/11/1614:58Began power increase from 96% FP to 100% FP following completion of Turbine Valve Movement Periodic Test.

06/11/1615:54Completed power increase to 100% FP.

Unit Two was at 100% FP at the end of June, 2016.

# OPERATING DATA REPORT

DOCKET: 287  
UNIT\_NME: Oconee Unit 3  
RPT\_PERIOD: 201604

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	526.37	2,709.37	302,537.91
4. Number of Hours Generator On-line	525.20	2,708.20	299,255.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	442,839.00	2,347,483.00	251,109,231.00

### UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason 1	Method of Shutting Down 2		Cause - Corrective Action Comments
		F: Forced S: Scheduled					
4	4/22/2016	S	194.80	C	1	none	

SUMMARY Unit Three was at 100% FP at the beginning of April, 2016.

04/09/1602:23Began power decrease from 100% FP to 99.5% FP for Unit coast down at end of life.

04/09/1602:24Completed power decrease to 99.5% FP.

04/10/1614:46Began power decrease from 99.5% FP to 99.0% FP for Unit coast down at end of life.

04/10/1614:56Completed power decrease to 99.0% FP.

04/12/1604:04Began power decrease from 99.0% FP to 98.2% FP for Unit coast down at end of life.

04/12/1604:10Completed power decrease to 98.2% FP.

04/15/1609:16Began power decrease from ~98.2% FP to 97.5% FP for Unit coast down at end of life.

04/15/1609:40Completed power decrease to 97.5% FP.

04/17/1604:16Began power decrease from 97.5% FP to 97.2% FP for Unit coast down at end of life.

04/17/1604:20Completed power decrease to 97.2% FP.

04/17/1608:56Began power decrease from 97.2% FP to 96.7% FP for Unit coast down at end of life.

04/17/1609:00Completed power decrease to 96.7% FP.

04/17/1614:51Began power decrease from 96.7% FP to 96.5% FP for Unit coast down at end of life.

04/17/1615:00Completed power decrease to 96.5% FP.

04/18/1600:18Began power decrease from 96.5% FP to 96.0% FP for Unit coast down at end of life.

04/18/1600:25Completed power decrease to 96.0% FP.

04/18/1614:55Began power decrease from 96.0% FP to 95.5% FP for Unit coast down at end of life.

04/18/1615:00Completed power decrease to 95.5% FP.

04/19/1603:43Began power decrease from 95.5% FP to 95.0% FP for Unit coast down at end of life.

04/19/1604:15Completed power decrease to 95.0% FP.

04/19/1623:39Began power decrease from 95.0% FP to 94.5% FP for Unit coast down at end of life.

04/20/1600:09Completed power decrease to 94.5% FP.

04/20/1606:40Began power decrease from 94.5% FP to 94.0% FP for Unit coast down at end of life.

04/20/1607:40Completed power decrease to 94.0% FP.

04/20/1614:11Began power decrease from 94.0% FP to 93.5% FP for Unit coast down at end of life.

04/20/1615:12Completed power decrease to 93.5% FP.

# OPERATING DATA REPORT

DOCKET: 287  
UNIT\_NME: Oconee Unit 3  
RPT\_PERIOD: 201605

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>
3. Number of Hours the Reactor was Critical	392.97	3,102.34	302,930.88
4. Number of Hours Generator On-line	370.75	3,078.95	299,626.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	308,932.00	2,656,415.00	251,418,163.00

### UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason 1	Method of Shutting Down 2		Cause - Corrective Action Comments
		F: Forced S: Scheduled					
4	4/22/2016	S	373.25	C	4	none	

SUMMARY Unit Three was at 0% FP at the beginning of May, 2016.

05/15/1615:02 Unit 3 reactor critical for O3C29 operation following a refueling outage.

05/16/1601:03 Began power increase to ~6% FP.

05/16/1601:20 Completed power increase to ~6% FP.

05/16/1601:25 Began power increase to 15% FP.

05/16/1602:07 Completed power increase to 15% FP.

05/16/1602:20 Began power increase to ~19% FP.

05/16/1602:32 Paused power increase at 17% FP to ensure reactor power imbalance would remain in acceptable range.

05/16/1602:32 Decreased power to from 17% FP to 16% FP as a conservative measure for reactor power imbalance.

05/16/1602:36 Completed power decrease to 16% FP.

05/16/1602:54 Resumed power increase to ~19% FP after power imbalance determined to be acceptable.

05/16/1603:12 Completed power increase to ~19% FP.

05/16/1608:11 Unit 3 Main Turbine Generator online to end the O3EOC28 refueling outage.

05/16/1612:24 Tripped Unit 3 Main Turbine Generator for the turbine generator over speed test.

05/16/1613:15 Unit 3 Main Turbine Generator online following the turbine generator over speed test.

05/16/1614:06 Began power increase from ~19% FP to 25% FP.

05/16/1614:37 Completed power increase to 25% FP to perform a Nuclear Instrument calibration.

05/16/1618:19 Began power increase from 25% FP to 50% FP following completion of Nuclear Instrument calibration.

05/16/1620:24 Completed power increase to 50% FP and changed the power maneuvering rate.

05/16/1620:44 Began power increase from 50% FP to 73% FP at 4.8%/hr.

05/17/1601:37 Completed power increase to 73% FP to perform a Nuclear Instrument calibration and perform Power Imbalance Detector Correlation (PIDC) testing.

05/17/1605:06 Began power increase from 73% FP to 90% FP.

05/17/1608:45 Completed power increase to 90% FP and changed the power maneuvering rate.

05/17/1609:06 Began power increase from 90% FP to 99% FP at 2.8%/hr.

05/17/1612:20 Completed power increase to 99% FP.

05/17/1612:49 Began power increase from 99% FP to 99.5% FP.

05/17/1613:07 Completed power increase to 99.5% FP.

# OPERATING DATA REPORT

DOCKET: 287  
UNIT\_NME: Oconee Unit 3  
RPT\_PERIOD: 201606

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	720.00	3,822.34	303,650.88
4. Number of Hours Generator On-line	720.00	3,798.95	300,346.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	626,605.00	3,283,020.00	252,044,768.00

## 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 June, 2016.

Unit Three was at 100% FP at the end of June, 2016.

# OPERATING DATA REPORT

DOCKET: 219  
 UNIT\_NME: Oyster Creek Unit 1  
 RPT\_PERIOD: 201604

PREPARER NAME: C. Lefler Jr.  
 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	587.17	2,770.17	319,977.11
4. Number of Hours Generator On-line	576.08	2,759.08	314,630.58
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWHrs)	359,421.00	1,741,113.00	183,570,240.40

## 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	
1M38	4/25/2016		S	143.92	B	1		1M38 Maintenance Outage

SUMMARY The planned energy loss for April was 83,867 MWhrs:  
 1. 1M38 Ramp Down - 2,346 MWhrs - 4/24  
 2. 1M38 breaker open to scheduled breaker closed - 81,521 MWhrs - 4/25  
 The unplanned energy loss for April was 12,025 MWhrs due to 1M38 outage extension passed the scheduled breaker closed date.

# OPERATING DATA REPORT

DOCKET: 219  
 UNIT\_NME: Oyster Creek Unit 1  
 RPT\_PERIOD: 201605

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	518.82	3,288.99	320,495.93
4. Number of Hours Generator On-line	464.58	3,223.66	315,095.16
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWhrs)	283,272.00	2,024,385.00	183,853,512.40

## 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	
1M38	4/25/2016		S	279.42	B	4		1M38 Maintenance Outage

SUMMARY The planned energy loss for May was 4,826 MWhrs:  
 1. 1M38 Ramp Up - 4,173 MWhrs - 5/12  
 2. 1M38 Follow-up load drop - 554 MWhrs - 5/13  
 3. Surveillance testing - 99 MWhrs - 5/27

The unplanned energy loss for May was 182,000 MWhrs due to 1M38 outage extension.



# OPERATING DATA REPORT

DOCKET: 219  
 UNIT\_NME: Oyster Creek Unit 1  
 RPT\_PERIOD: 201606

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	720.00	4,008.99	321,215.93
4. Number of Hours Generator On-line	720.00	3,943.66	315,815.16
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWHrs)	443,185.00	2,467,570.00	184,296,697.40

## 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 June was 380 MWHrs for Rod Pattern Adjustment on 6/4.

The unplanned energy loss for June was 0 MWHrs.

# OPERATING DATA REPORT

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201604

PREPARER NAME: E Edwards  
 PREPARER TELEPHONE: 2697642086

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	2,903.00	273,687.97
4. Number of Hours Generator On-line	720.00	2,903.00	267,463.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	581,702.18	2,360,365.85	193,527,971.34

## 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 Palisades operated at full power with the exception of one derate to 95.2% power on 4/06/16 to perform maintenance.

# OPERATING DATA REPORT

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201605

PREPARER NAME: E Edwards  
 PREPARER TELEPHONE: 2697642086

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	3,647.00	274,431.97
4. Number of Hours Generator On-line	744.00	3,647.00	268,207.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	594,084.44	2,954,450.29	194,122,055.78

## 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.

# OPERATING DATA REPORT

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: E Edwards  
 PREPARER TELEPHONE: 2697642086

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	4,367.00	275,151.97
4. Number of Hours Generator On-line	720.00	4,367.00	268,927.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	570,444.19	3,524,894.48	194,692,499.97

## 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 for June 2016.

# OPERATING DATA REPORT

DOCKET: 528  
 UNIT\_NME: Palo Verde Unit 1  
 RPT\_PERIOD: 201604

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	192.00	2,376.00	216,360.51
4. Number of Hours Generator On-line	192.00	2,376.00	214,222.85
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	240,978.17	3,150,532.83	263,854,918.83

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			1	2	
16-01	4/9/2016		S	528.00	C	1		Manually tripped the RX to commence 19th refueling outage.

**SUMMARY** The unit began the month in Mode 1 with the reactor at full power. On April 2nd at 0600 the unit began a planned RX power end of cycle coastdown. On April 8th at 2000 the unit began a planned RX power decrease to shutdown the RX for refueling. The reactor was manually tripped from 20% on April 9th at 0000 and entered Mode 3 to commence the R19 outage. The unit entered Mode 4 and Mode 5 on April 9th. The unit entered Mode 6 on April 13th. The unit entered a defueled condition on April 18th. The unit began fuel reload and entered Mode 6 on April 30th. The unit ended the month in Mode 6 with the R19 core reload in progress.

# OPERATING DATA REPORT

DOCKET: 528  
 UNIT\_NME: Palo Verde Unit 1  
 RPT\_PERIOD: 201605

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	434.87	2,810.87	216,795.38
4. Number of Hours Generator On-line	402.92	2,778.92	214,625.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	401,638.53	3,552,171.36	264,256,557.36

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
16-01	4/9/2016	S	341.08	C	4	Manually tripped the RX to commence 19th refueling outage.

**SUMMARY** The unit began the month in Mode 6 with the R19 core reload in progress. On May 6th, the unit entered mode 5. On May 10th the unit entered Mode 4, and then Mode 3 on May 11th. The unit entered Mode 2 on May 13th, and was taken critical at 2108 that same day. Mode 1 was reached on May 14th and the unit was synchronized to the grid at 1701 that day, in preparation for planned over-speed testing. The turbine was taken offline on May 15th at 0048 for the test. Testing was completed successfully and the unit was resynchronized to the grid on May 15th at 0505. Completed power ascension for 1R19 to full power on May 18th at 0141. On May 19th at 0922 the unit commenced an unplanned downpower to ~40% to repair a Condenser Hotwell tube leak, but stabilized RX power at ~67% during the Condenser tube leak downpower when no sodium indication was indicated. On May 20th at 0145 the unit began a RX power increase to ~78% for the Condenser tube leak troubleshooting, to regain sodium indication and locate the Hotwell with leakage. RX power was stabilized at ~78 at 0700 on May 20th, and condenser tube leakage was determined to be from the 2B Hotwell. Commenced a downpower to ~40% at 1130 on May 20th for the Condenser tube leak repairs. The unit was stabilized at ~40% at 1442. Repairs were completed and a RX power increase to full power began on May 22nd at 2208. On May 24th at 0335, the unit returned to full power. 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: 201606

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	720.00	3,530.87	217,515.38
4. Number of Hours Generator On-line	720.00	3,498.92	215,345.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	936,537.61	4,488,708.97	265,193,094.97

## 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** The unit began the month in Mode 1 with the reactor at full power. On June 21st at 2154 the unit commenced an unplanned downpower to ~83% to establish conditions for maintenance on Heater Drain Pump 'A' Normal Level Control Valve due to failure. On June 22nd at 0318 the unit began a RX power increase to ~93% to repair Heater Drain Pump 'A' Normal Level Control Valve. RX power was stabilized at ~93% at 0624 on June 22nd. Repair was completed and a RX power increase to full power began on June 25th at 0055 and the unit returned to full power June 25th at 0245. 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: 201604

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	2,904.00	218,396.76
4. Number of Hours Generator On-line	720.00	2,904.00	216,373.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	962,989.36	3,890,946.44	272,740,074.94

## 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: 201605

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	3,648.00	219,140.76
4. Number of Hours Generator On-line	744.00	3,648.00	217,117.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	990,335.00	4,881,281.44	273,730,409.94

## 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: 201606

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	4,368.00	219,860.76
4. Number of Hours Generator On-line	720.00	4,368.00	217,837.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	954,426.05	5,835,707.49	274,684,835.99

## 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 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: 201604

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	720.00	2,904.00	213,430.05
4. Number of Hours Generator On-line	720.00	2,904.00	211,614.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	955,373.48	3,860,535.54	264,325,424.53

## 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: 201605

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	3,648.00	214,174.05
4. Number of Hours Generator On-line	744.00	3,648.00	212,358.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	985,828.50	4,846,364.04	265,311,253.03

## 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 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: 201606

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	720.00	4,368.00	214,894.05
4. Number of Hours Generator On-line	720.00	4,368.00	213,078.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	948,434.07	5,794,798.11	266,259,687.10

## UNIT SHUTDOWNS

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

SUMMARY The unit began the month and 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: 201604

PREPARER NAME: Emil Weil  
 PREPARER TELEPHONE: 7174564541

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	2,903.00	293,148.69
4. Number of Hours Generator On-line	720.00	2,903.00	288,323.43
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	921,846.70	3,801,019.50	300,378,055.40

## 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** Unit 2 began the month of April at the 100% of maximum allowable power (3951 MWth).

On April 8, 2016 at 23:03, Unit 2 commenced a planned load reduction for a Rod Pattern Adjustment. Minimum power of 2742 MWth (69.4% CTP) was reached on 4/09/16 at 01:57. The Unit was returned to 100% power on April 9, 2016 at 11:53.

On April 27, 2016 at 23:02, Unit 2 commenced a planned load reduction for a Rod Sequence Exchange. Minimum power of 2097 MWth (53.1% CTP) was reached on 4/30/16 at 02:06. The Unit was returned to 100% power on April 30, 2016 at 17:44.

Unit 2 ended the month of April at the 100% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201605

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	3,647.00	293,892.69
4. Number of Hours Generator On-line	744.00	3,647.00	289,067.43
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	950,742.80	4,751,762.30	301,328,798.20

## 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 2 began the month of May at the 100% of maximum allowable power (3951 MWth).

On May 26, 2016 at 22:01, Unit 2 commenced a planned load reduction for a Rod Pattern Adjustment. Minimum power of 2994 MWth (75.8% CTP) was reached on 5/27/16 at 00:56. The Unit was returned to 100% power on May 27, 2016 at 06:00.

On May 27, 2016 at 16:36, Unit 2 commenced an unplanned load reduction due to manual trip of 2C Reactor Feed Pump. Minimum power of 1998 MWth (50.6% CTP) was reached on 5/27/16 at 21:20. The Unit was returned to 100% power on May 30, 2016 at 06:31.

Unit 2 ended the month of May at the 100% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201606

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	4,367.00	294,612.69
4. Number of Hours Generator On-line	697.22	4,344.22	289,764.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	863,935.00	5,615,697.30	302,192,733.20

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2M08	6/17/2016	S		22.78	A	5	On June 16, 2016 at 20:02, Unit 2 commenced a planned load reduction to repair SRV 71K ground issue. Minimum power of 477 MWth (12.1% CTP) was reached on 6/17/16 at 07:24. The Unit was returned to 100% power on June 18, 2016 at 16:28. Based on time in core life the unit was de-rated until the follow up rod pattern adjustment could be implemented based on rod position and core flow.

**SUMMARY** Unit 2 began the month of June at the 100% of maximum allowable power (3951 MWth).

On June 10, 2016 at 23:01, Unit 2 commenced a planned load reduction for a Rod Pattern Adjustment. Minimum power of 3671 MWth (92.9% CTP) was reached on 6/10/16 at 23:17. The Unit was returned to 100% power on June 11, 2016 at 00:30.

On June 16, 2016 at 20:02, Unit 2 commenced a planned load reduction to repair SRV 71K ground issue. Minimum power of 477 MWth (12.1% CTP) was reached on 6/17/16 at 07:24. The Unit was returned to 100% power on June 18, 2016 at 16:28. Based on time in core life the unit was de-rated until the follow up rod pattern adjustment could be implemented based on rod position and core flow.

On June 19, 2016 at 20:02, Unit 2 commenced a planned load reduction for a Follow Up Rod Pattern Adjustment. Minimum power of 2711 MWth (68.6% CTP) was reached on 6/19/16 at 20:51. The Unit was returned to 100% power on June 19, 2016 at 23:45.

Unit 2 ended the month of June at the 100% of maximum allowable power (3951 MWth).



# OPERATING DATA REPORT

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201604

PREPARER NAME: Emil Weil  
 PREPARER TELEPHONE: 7174564541

1. Design Electrical Rating:	1179		
2. Maximum Dependable Capacity (MWe-Net)	1095		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	2,903.00	291,961.15
4. Number of Hours Generator On-line	720.00	2,903.00	287,498.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	953,259.70	3,853,099.50	297,889,553.10

## 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 Unit 3 began the month of April at the 100% of maximum allowable power (3951 MWth).

There were no planned or unplanned load reductions for Unit 3 during the month of April.

Unit 3 ended the month of April at the 100% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201605

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 717-456-4420

1. Design Electrical Rating: 1179  
 2. Maximum Dependable Capacity (MWe-Net) 1095

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,647.00	292,705.15
4. Number of Hours Generator On-line	744.00	3,647.00	288,242.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	963,024.80	4,816,124.30	298,852,577.90

## 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 3 began the month of May at the 100% of maximum allowable power (3951 MWth).

On May 6, 2016 at 10:01, Unit 3 commenced a planned load reduction for Rod Pattern Adjustment / Quarterly Testing / MELLA Testing. Minimum power of 2843 MWth (72.0% CTP) was reached on 5/8/16 at 01:01. The Unit was returned to 100% power on May 8, 2016 at 07:00.

On May 20, 2016 at 23:01, Unit 3 commenced a planned load reduction for Rod Sequence Exchange. Minimum power of 1974 MWth (50.0% CTP) was reached on 5/21/16 at 01:57. The Unit was returned to 100% power on May 21, 2016 at 20:06.

Unit 3 ended the month of May at the 100% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201606

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 717-456-4420

1. Design Electrical Rating:	1179		
2. Maximum Dependable Capacity (MWe-Net)	1095		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	4,367.00	293,425.15
4. Number of Hours Generator On-line	720.00	4,367.00	288,962.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	923,029.00	5,739,153.30	299,775,606.90

## 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 Unit 3 began the month of June at the 100% of maximum allowable power (3951 MWth).  
 There were no planned or unplanned load reductions for Unit 3 during the month of June.  
 Unit 3 ended the month of June at the 100% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 440  
UNIT\_NME: Perry Unit 1  
RPT\_PERIOD: 201604

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	2,633.70	208,243.52
4. Number of Hours Generator On-line	720.00	2,595.27	204,369.38
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	914,375.00	3,192,680.30	241,117,227.00

## 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 Perry Nuclear Power Plant Unit 1, was on line the entire month of April, 2016

# OPERATING DATA REPORT

DOCKET: 440  
UNIT\_NME: Perry Unit 1  
RPT\_PERIOD: 201605

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	3,377.70	208,987.52
4. Number of Hours Generator On-line	744.00	3,339.27	205,113.38
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	943,605.00	4,136,285.30	242,060,832.00

## 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 Perry Nuclear Power Plant was on line the entire month of May, 2016.

# OPERATING DATA REPORT

DOCKET: 440  
 UNIT\_NME: Perry Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: T. Phelps  
 PREPARER TELEPHONE: 440-280-7660

1. Design Electrical Rating: 1268  
 2. Maximum Dependable Capacity (MWe-Net) 1240

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	4,097.70	209,707.52
4. Number of Hours Generator On-line	678.20	4,017.47	205,791.58
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	814,486.00	4,950,771.30	242,875,318.00

## 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	
3	6/24/2016	F		25.08	A	5		Reduced power for electrohydraulic control leak.
4	6/26/2016	F		16.72	A	5		Down power for steam leak, blank flange

**SUMMARY** The Perry Nuclear Power Plant was on line for 678.2 hours during the month of June. The turbine was taken offline twice during the month: 6/24/16 @ 2149, EHC leak and 6/26/16 @ 0142 steam leak on Main Steam Drain line. Both work activities were completed successfully. The unit was back at 100% on 6/30/16 @0827. Forced outage time was 41.8 hours

# OPERATING DATA REPORT

DOCKET: 293  
UNIT\_NME: Pilgrim Unit 1  
RPT\_PERIOD: 201604

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	720.00	2,857.88	291,884.55
4. Number of Hours Generator On-line	720.00	2,829.33	288,918.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	489,091.19	1,898,479.38	179,146,975.91

## 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 Pilgrim entered April 2016 operating at 100% Rated Core Thermal Power (RCTP). On April 29th, 2016 at 08:00, reactor power was reduced to adjust the control rod pattern. Full power was once again achieved on April 29th, 2016 at 12:08. This minimum power level experienced during this evolution was 57.7% RCTP. The reactor was maintained at 100% RCTP throughout the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 293  
 UNIT\_NME: Pilgrim Unit 1  
 RPT\_PERIOD: 201605

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	3,601.88	292,628.55
4. Number of Hours Generator On-line	744.00	3,573.33	289,662.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	495,026.00	2,393,505.38	179,642,001.91

## 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** Pilgrim entered May 2016 operating at 100% Rated Core Thermal Power (RCTP). On May 5th, 2016 at 22:15, reactor power was reduced in response to degrading main condenser vacuum as a result of an accumulation of seaweed in the intake canal. On May 6th, 2016 at 18:35, reactor power was returned to 100% RCTP. The minimum reactor power level experienced during the evolution was 48%. On May 7th, 2016 at 14:20, reactor power was reduced to conduct a control rod pattern adjustment. On May 7th, 2016 at 15:39, reactor power was returned to 100% RCTP. The minimum power level experienced during the evolution was 91.1%. On May 24th, 2016 at 06:25, reactor power was reduced to conduct a main condenser thermal backwash. On May 25th, 2016 at 00:08, reactor power was returned to 100% RCTP. The minimum power level experienced during this evolution was 46.2%. On May 26th, 2016 at 08:30, reactor power was reduced to conduct a control rod pattern adjustment. On May 26th, 2016 at 10:13, reactor power was returned to 100%. The minimum power level experienced during this evolution was 91.3%. The reactor was maintained at 100% RCTP throughout the remainder of the month.



# OPERATING DATA REPORT

DOCKET: 293  
 UNIT\_NME: Pilgrim Unit 1  
 RPT\_PERIOD: 201606

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	720.00	4,321.88	293,348.55
4. Number of Hours Generator On-line	720.00	4,293.33	290,382.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	471,297.00	2,864,802.38	180,113,298.91

## 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** Pilgrim entered June 2016 operating at 100% Rated Core Thermal Power (RCTP). On June 22nd, 2016 at 03:00, reactor power was reduced to repair a main condenser tube leak. On June 23rd, 2016 at 14:50, the reactor was returned to full power. The minimum power level during the evolution was 28.1 RCTP. On June 24th, 2016 at 03:39, reactor power was reduced to perform a control rod pattern adjustment. On June 24th, 2016 at 04:51, the reactor was returned to full power. The minimum power level during the evolution was 86.3 RCTP. On June 24th, 2016 at 20:00, reactor power was again reduced to perform a control rod pattern adjustment. On June 24th, 2016 at 22:00, the reactor was returned to full power. The minimum power level during the evolution was 75.2 RCTP. The reactor was maintained at 100% RCTP throughout the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 266  
 UNIT\_NME: Point Beach Unit 1  
 RPT\_PERIOD: 201604

PREPARER NAME: R Clark  
 PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating: 615  
 2. Maximum Dependable Capacity (MWe-Net) 576

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	634.35	2,339.47	338,081.70
4. Number of Hours Generator On-line	609.88	2,314.48	333,971.41
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	337,190.90	1,355,011.30	161,961,271.10

## 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	
118	3/12/2016		S	110.12	C	4		Refueling outage U1R36.

SUMMARY

# OPERATING DATA REPORT

DOCKET: 266  
UNIT\_NME: Point Beach Unit 1  
RPT\_PERIOD: 201605

PREPARER NAME: R 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	3,083.47	338,825.70
4. Number of Hours Generator On-line	744.00	3,058.48	334,715.41
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	447,428.50	1,802,439.80	162,408,699.60

## 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: 266  
UNIT\_NME: Point Beach Unit 1  
RPT\_PERIOD: 201606

PREPARER NAME: R 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	3,803.47	339,545.70
4. Number of Hours Generator On-line	720.00	3,778.48	335,435.41
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	430,569.60	2,233,009.40	162,839,269.20

## 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: 201604

PREPARER NAME: R 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	2,903.00	331,106.65
4. Number of Hours Generator On-line	720.00	2,903.00	327,543.52
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	435,696.50	1,753,259.80	161,632,432.60

## 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: 201605

PREPARER NAME: R 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	3,647.00	331,850.65
4. Number of Hours Generator On-line	744.00	3,647.00	328,287.52
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	447,833.50	2,201,093.30	162,080,266.10

## 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: 301  
UNIT\_NME: Point Beach Unit 2  
RPT\_PERIOD: 201606

PREPARER NAME: R 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	4,367.00	332,570.65
4. Number of Hours Generator On-line	720.00	4,367.00	329,007.52
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	431,953.60	2,633,046.90	162,512,219.70

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201604

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	2,903.00	325,853.28
4. Number of Hours Generator On-line	720.00	2,903.00	323,188.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	386,311.00	1,567,977.00	164,494,575.00

## 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 25.4 MWHr loss due to CV-31035 failing open.



# OPERATING DATA REPORT

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201605

PREPARER NAME: Laura Jean Noonan  
 PREPARER TELEPHONE: 651-267-6449

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	3,647.00	326,597.28
4. Number of Hours Generator On-line	744.00	3,647.00	323,932.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	390,888.00	1,958,865.00	164,885,463.00

## 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 was baseloaded for the month of May 2016.

# OPERATING DATA REPORT

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: Laura Jean Noonan  
 PREPARER TELEPHONE: 651-267-6449

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	4,367.00	327,317.28
4. Number of Hours Generator On-line	720.00	4,367.00	324,652.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	375,628.00	2,334,493.00	165,261,091.00

## UNIT SHUTDOWNS

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

SUMMARY Unit was baseloaded for the month of June 2016.

# OPERATING DATA REPORT

DOCKET: 306  
UNIT\_NME: Prairie Island Unit 2  
RPT\_PERIOD: 201604

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	1,641.23	321,058.94
4. Number of Hours Generator On-line	720.00	1,618.63	318,809.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	392,621.00	873,574.00	161,947,109.00

## 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 base loaded for the month of April 2016.

# OPERATING DATA REPORT

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201605

PREPARER NAME: Laura Jean Noonan  
 PREPARER TELEPHONE: 651-267-6449

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	2,385.23	321,802.94
4. Number of Hours Generator On-line	744.00	2,362.63	319,553.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	398,251.00	1,271,825.00	162,345,360.00

## 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 was baseloaded for the month of May 2016.

# OPERATING DATA REPORT

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201606

PREPARER NAME: Laura Jean Noonan  
 PREPARER TELEPHONE: 651-267-6449

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	3,105.23	322,522.94
4. Number of Hours Generator On-line	720.00	3,082.63	320,273.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	382,885.00	1,654,710.00	162,728,245.00

## 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 was baseloaded for the month of June 2016.

# OPERATING DATA REPORT

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201604

PREPARER NAME: Lisa 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	2,903.00	321,251.88
4. Number of Hours Generator On-line	720.00	2,903.00	315,303.34
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	654,671.00	2,693,632.00	230,629,590.00

## 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  
 4/1, 4/3, 4/4, 4/5, 4/6, 4/10, 4/11, 4/13, 4/14, 4/15, 4/16, 4/17, 4/18, 4/19, 4/20, 4/21, 4/22, 4/23, 4/24, 4/25, 4/26, 4/27, 4/30 - 19,001 MWh, Not P  
 or U, Economic Load Dispatch  
 PEL - none  
 UPEL - none

# OPERATING DATA REPORT

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201605

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	3,647.00	321,995.88
4. Number of Hours Generator On-line	744.00	3,647.00	316,047.34
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	689,611.00	3,383,243.00	231,319,201.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1  
 5/8/2016, 63 MWh, Not P or U, Economic Load Dispatch  
 5/14 - 5/15/2016, 1629 MWe, EREL, Turbine Testing  
 UPEL - none

# OPERATING DATA REPORT

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201606

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	4,367.00	322,715.88
4. Number of Hours Generator On-line	720.00	4,367.00	316,767.34
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	657,205.00	4,040,448.00	231,976,406.00

## 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  
 Planned - none  
 Unplanned - none



# OPERATING DATA REPORT

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201604

PREPARER NAME: Lisa 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	568.27	2,488.20	313,393.90
4. Number of Hours Generator On-line	535.73	2,454.73	308,100.33
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	485,040.00	2,190,279.00	232,293,889.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
Q2R2 3	3/21/2016	S		184.27	C	4	

SUMMARY Unit 2  
 4/1 - 4/7, 134,916.6 MWh, PEL, Refueling Outage  
 4/7 - 4/8, 37,726 MWh, UPELOE, Refueling Outage Extension  
 4/8 - 4/9, 8538 MWh, EREL, Ramp-up Refueling Outage  
 4/11 - 4/12, 2463 MWh, UPEL, Feedwater Heater Repair  
 4/23, 120 MWh, EREL, Rod Sequence Exchange  
 4/19, 4/21, 4/28, 4/30, 1069 MWh, Not P or U, Economic Load Dispatch

# OPERATING DATA REPORT

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201605

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	3,232.20	314,137.90
4. Number of Hours Generator On-line	744.00	3,198.73	308,844.33
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	670,985.00	2,861,264.00	232,964,874.00

## 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  
 5/3, 5/6, 5/12, 5/13, 5/16, 5/19, 5/23, 5/31/2016, 3490 MWh, Not P or U, Economic Load Dispatch  
 5/26/2016, 135 MWh, EREL, Rod Pattern Adjustment  
 5/24 - 5/25/2016, 16,522 MWh, UPEL, 2A Recirc Pump Oil Leak Repair, IR 02672593

# OPERATING DATA REPORT

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201606

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	3,952.20	314,857.90
4. Number of Hours Generator On-line	720.00	3,918.73	309,564.33
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	635,705.00	3,496,969.00	233,600,579.00

## 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 2  
 6/1, 6/3, 6/6, 6/8, 6/9, 6/10, 6/27/2016, 2165 MWh, Not P or U, Economic Load Dispatch  
 6/15 - 6/16/2016, 396 MWh, UPEL, Off-Gas Level Control Valve full open, IR02681784  
 6/18 - 6/23/2016, 18,175 MWh, UPEL, 2C Reactor Feed Pump Repair, IR02683268  
 6/18/2016, 1563 MWh, EREL, Turbine Testing

# OPERATING DATA REPORT

DOCKET: 458  
UNIT\_NME: River Bend Unit 1  
RPT\_PERIOD: 201604

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	2,040.41	226,730.28
4. Number of Hours Generator On-line	720.00	1,954.57	221,761.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	678,097.00	1,777,009.00	204,260,617.00

## 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: 201605

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	2,784.41	227,474.28
4. Number of Hours Generator On-line	744.00	2,698.57	222,505.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	722,895.00	2,499,904.00	204,983,512.00

## 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: 201606

PREPARER NAME: Thomas J. Bolke  
 PREPARER TELEPHONE: (225)381-3719

1. Design Electrical Rating: 967  
 2. Maximum Dependable Capacity (MWe-Net) 967

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	403.50	3,187.91	227,877.78
4. Number of Hours Generator On-line	385.25	3,083.82	222,890.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	331,392.00	2,831,296.00	205,314,904.00

## 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	
PO-1	6/11/2016		S	334.75	A	1		Planned outage to remove failed fuel from the core.

SUMMARY Planned outage to remove failed fuel from the core.

# OPERATING DATA REPORT

DOCKET: 261  
UNIT\_NME: Robinson Unit 2  
RPT\_PERIOD: 201604

PREPARER NAME: Tim 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	720.00	2,903.00	315,682.41
4. Number of Hours Generator On-line	720.00	2,903.00	311,953.83
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	563,757.00	2,289,052.00	213,191,702.00

## 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 April losses.

# OPERATING DATA REPORT

DOCKET: 261  
UNIT\_NME: Robinson Unit 2  
RPT\_PERIOD: 201605

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	3,647.00	316,426.41
4. Number of Hours Generator On-line	744.00	3,647.00	312,697.83
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	561,010.00	2,850,062.00	213,752,712.00

## 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 Turbine valve testing and heater drain pump repairs.



# OPERATING DATA REPORT

DOCKET: 261  
UNIT\_NME: Robinson Unit 2  
RPT\_PERIOD: 201606

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	720.00	4,367.00	317,146.41
4. Number of Hours Generator On-line	720.00	4,367.00	313,417.83
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	537,521.00	3,387,583.00	214,290,233.00

## UNIT SHUTDOWNS

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

SUMMARY No June losses.

# OPERATING DATA REPORT

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201604

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	332.00	2,515.00	250,572.20
4. Number of Hours Generator On-line	332.00	2,515.00	244,786.52
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	388,012.00	2,964,504.00	263,201,122.00

## 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	
1R24	4/14/2016		S	388.00	C	1		1R24 Refueling Outage

SUMMARY Salem 1 entered its 24th Refueling Outage (1R24) on 4/14/16 at 20:00

# OPERATING DATA REPORT

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201605

PREPARER NAME: Alexander Barch  
 PREPARER TELEPHONE: \*56-339-2545

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	0.00	2,515.00	250,572.20
4. Number of Hours Generator On-line	0.00	2,515.00	244,786.52
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	2,964,504.00	263,201,122.00

## 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	744.00	C	4		1R24 Refueling Outage

**SUMMARY** Refueling outage 1R24 scheduled end date was 5/12/16 at 20:00, unit remained offline through the end of the month due to outage extension from Degraded Reactor Baffle Bolts discovered during routine inspection.

# OPERATING DATA REPORT

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: Kevin Falciani  
 PREPARER TELEPHONE: 856-889-2017

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	0.00	2,515.00	250,572.20
4. Number of Hours Generator On-line	0.00	2,515.00	244,786.52
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	2,964,504.00	263,201,122.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1R24	4/14/2016	S	720.00	C	4	1R24 Refueling Outage

**SUMMARY** Refueling outage 1R24 scheduled end date was 5/12/16 at 20:00, unit remained offline through the end of the month due to outage extension from Degraded Reactor Baffle Bolts discovered during routine inspection.

# OPERATING DATA REPORT

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201604

PREPARER NAME: Alexander Barch  
 PREPARER TELEPHONE: 856-339-2545

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	720.00	2,851.45	226,610.93
4. Number of Hours Generator On-line	720.00	2,793.03	222,291.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	840,210.00	3,251,339.00	239,354,712.00

## 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 Majority of monthly generation losses due to planned Downpowers to support FLEX Modifications. 143 MWh loss from 4/20/16 12:57 to 4/22/16 12:46 not counted as grid-related loss because it was a planned evolution.

# OPERATING DATA REPORT

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201605

PREPARER NAME: Alexander Barch  
 PREPARER TELEPHONE: 856-339-2545

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	744.00	3,595.45	227,354.93
4. Number of Hours Generator On-line	744.00	3,537.03	223,035.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	868,056.00	4,119,395.00	240,222,768.00

## 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 Major derates for the month were WB cleanings and Circ Water System Scheduled Maintenance.

# OPERATING DATA REPORT

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201606

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	652.38	4,247.83	228,007.31
4. Number of Hours Generator On-line	652.38	4,189.41	223,687.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	752,103.00	4,871,498.00	240,974,871.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
S216- 3	6/28/2016	F		67.62	A	3	Unplanned trip due to Generator Voltage Regulator Protection. Reference notification 20733682.

SUMMARY Unplanned trip due to Generator Voltage Regulator Protection. Reference notification 20733682.

# OPERATING DATA REPORT

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201604

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	2,798.72	202,444.73
4. Number of Hours Generator On-line	720.00	2,786.37	198,794.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	901,149.71	3,418,798.37	231,869,461.86

## 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 720 out of 720 hours this month. This yielded an availability factor of 100% and a capacity factor of 100.4492% based on the MDC of 1246 MWe.



# OPERATING DATA REPORT

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201605

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	3,542.72	203,188.73
4. Number of Hours Generator On-line	744.00	3,530.37	199,538.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	930,775.01	4,349,573.38	232,800,236.87

## 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 100.4046% based on the MDC of 1246 MWe.

# OPERATING DATA REPORT

DOCKET: 443  
UNIT\_NME: Seabrook Unit 1  
RPT\_PERIOD: 201606

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	4,262.72	203,908.73
4. Number of Hours Generator On-line	720.00	4,250.37	200,258.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	899,748.91	5,249,322.29	233,699,985.78

## 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 100% power 715 of 720 hours this month. This yielded an availability factor of 100% and a capacity factor of 100.2930% based on the MDC of 1246 MWe.

# OPERATING DATA REPORT

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201604

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	720.00	1,841.22	231,049.81
4. Number of Hours Generator On-line	720.00	1,766.37	228,441.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	831,880.40	1,995,790.50	253,896,206.70

## 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 U1 NRC Capacity Factor is 100.29% for the month of April 2016.

# OPERATING DATA REPORT

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201605

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	2,585.22	231,793.81
4. Number of Hours Generator On-line	744.00	2,510.37	229,185.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	855,146.10	2,850,936.60	254,751,352.80

## 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 99.8% for the month of May 2016.

# OPERATING DATA REPORT

DOCKET: 327  
UNIT\_NME: Sequoyah Unit 1  
RPT\_PERIOD: 201606

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	720.00	3,305.22	232,513.81
4. Number of Hours Generator On-line	720.00	3,230.37	229,905.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	822,576.50	3,673,513.10	255,573,929.30

## 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 U1 NRC Capacity Factor is 99.2% for the month of June 2016.

# OPERATING DATA REPORT

DOCKET: 328  
UNIT\_NME: Sequoyah Unit 2  
RPT\_PERIOD: 201604

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	720.00	2,903.00	236,468.01
4. Number of Hours Generator On-line	720.00	2,757.60	233,387.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	822,304.60	3,144,649.80	255,084,420.30

## 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 U2 NRC Capacity Factor is 100.23% for the month of April 2016.

# OPERATING DATA REPORT

DOCKET: 328  
 UNIT\_NME: Sequoyah Unit 2  
 RPT\_PERIOD: 201605

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	710.27	3,613.27	237,178.28
4. Number of Hours Generator On-line	631.20	3,388.80	234,018.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	680,719.90	3,825,369.70	255,765,140.20

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
3	5/10/2016		S	10.13	B	5	Forced Outage F206 - Down power to address turbine vibrations.
2	5/6/2016		S	90.37	B	1	Forced Outage F206 - During down power to address turbine vibrations, experienced a steam leak which prompted Operations to trip the turbine.
1	5/6/2016		S	12.30	B	5	Forced Outage F206 - Down power to address turbine vibrations.

SUMMARY U2 NRC Capacity Factor is 80.3% for the month of May 2016.

# OPERATING DATA REPORT

DOCKET: 328  
UNIT\_NME: Sequoyah Unit 2  
RPT\_PERIOD: 201606

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	720.00	4,333.27	237,898.28
4. Number of Hours Generator On-line	720.00	4,108.80	234,738.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	802,773.50	4,628,143.20	256,567,913.70

## 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 U2 NRC Capacity Factor is 97.8% for the month of June 2016.



# OPERATING DATA REPORT

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201604

PREPARER NAME: R.L. Hill  
 PREPARER TELEPHONE: 361-972-7667

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	2,831.72	205,960.63
4. Number of Hours Generator On-line	720.00	2,825.17	201,217.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	951,281.00	3,749,734.00	254,406,768.00

## 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 Unexpected Rx pwr reduction to 95%. High pressure FW control valve unexpectedly isolated due to instrument air valve that was inadvertently closed.

# OPERATING DATA REPORT

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201605

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	651.65	3,483.37	206,612.28
4. Number of Hours Generator On-line	636.60	3,461.77	201,853.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	823,859.00	4,573,593.00	255,230,627.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
83	5/1/2016	F		107.40	A	3	Degraded rubber boot on main generator neutral bus ???B??? phase bushing was the reason for the ground fault relay picking up. Rubber boots on all 3 phases were replaced prior to returning the unit online.

SUMMARY Degraded rubber boot on main generator neutral bus phase bushing was the reason for the ground fault relay picking up. Rubber boots on all 3 phases were replaced prior to returning the unit online.

# OPERATING DATA REPORT

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: R.L. Hill  
 PREPARER TELEPHONE: 3619767667

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	4,203.37	207,332.28
4. Number of Hours Generator On-line	720.00	4,181.77	202,573.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	936,946.00	5,510,539.00	256,167,573.00

## 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: 499  
 UNIT\_NME: South Texas Unit 2  
 RPT\_PERIOD: 201604

PREPARER NAME: R.L. Hill  
 PREPARER TELEPHONE: 361-972-7667

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	2,903.00	196,882.65
4. Number of Hours Generator On-line	720.00	2,903.00	194,266.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	950,320.00	3,854,419.00	245,444,757.00

## 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: 201605

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	3,647.00	197,626.65
4. Number of Hours Generator On-line	744.00	3,647.00	195,010.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	975,488.00	4,829,907.00	246,420,245.00

## 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 Main turbine inlet valve test.

# OPERATING DATA REPORT

DOCKET: 499  
UNIT\_NME: South Texas Unit 2  
RPT\_PERIOD: 201606

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	4,367.00	198,346.65
4. Number of Hours Generator On-line	720.00	4,367.00	195,730.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	934,517.00	5,764,424.00	247,354,762.00

## 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: 201604

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	720.00	2,903.00	288,874.91
4. Number of Hours Generator On-line	720.00	2,903.00	286,307.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	719,861.00	2,896,418.00	240,232,053.00

## 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: 201605

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	3,647.00	289,618.91
4. Number of Hours Generator On-line	744.00	3,647.00	287,051.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	740,386.00	3,636,804.00	240,972,439.00

## 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: 201606

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	720.00	4,367.00	290,338.91
4. Number of Hours Generator On-line	720.00	4,367.00	287,771.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	710,856.00	4,347,660.00	241,683,295.00

## 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 PSL 1 operated in mode 1 the entire report period.

# OPERATING DATA REPORT

DOCKET: 389  
UNIT\_NME: St. Lucie Unit 2  
RPT\_PERIOD: 201604

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	2,903.00	247,370.60
4. Number of Hours Generator On-line	720.00	2,903.00	244,782.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	729,151.00	2,953,778.00	207,244,849.00

## 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: 389  
UNIT\_NME: St. Lucie Unit 2  
RPT\_PERIOD: 201605

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	3,647.00	248,114.60
4. Number of Hours Generator On-line	744.00	3,647.00	245,526.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	750,542.00	3,704,320.00	207,995,391.00

## 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: 389  
UNIT\_NME: St. Lucie Unit 2  
RPT\_PERIOD: 201606

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	4,367.00	248,834.60
4. Number of Hours Generator On-line	720.00	4,367.00	246,246.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	721,487.00	4,425,807.00	208,716,878.00

## 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 PSL 2 operated in mode 1 the entire report period.

# OPERATING DATA REPORT

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201604

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	2,903.00	244,228.90
4. Number of Hours Generator On-line	720.00	2,903.00	241,600.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	713,812.00	2,877,508.00	221,238,540.00

## 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 plant operated at full power for the month of April 2016.

# OPERATING DATA REPORT

DOCKET: 395  
UNIT\_NME: Summer Unit 1  
RPT\_PERIOD: 201605

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	3,647.00	244,972.90
4. Number of Hours Generator On-line	744.00	3,647.00	242,344.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	736,346.00	3,613,854.00	221,974,886.00

## 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 plant operated at full power for the entire month.

# OPERATING DATA REPORT

DOCKET: 395  
UNIT\_NME: Summer Unit 1  
RPT\_PERIOD: 201606

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	4,367.00	245,692.90
4. Number of Hours Generator On-line	720.00	4,367.00	243,064.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	709,129.00	4,322,983.00	222,684,015.00

## UNIT SHUTDOWNS

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

SUMMARY 6/3/2016 - Plant power was reduced to 89.3% power for quarterly Turbine Stop Valve testing.

# OPERATING DATA REPORT

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201604

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating: 874  
 2. Maximum Dependable Capacity (MWe-Net) 838

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	2,903.00	301,234.79
4. Number of Hours Generator On-line	720.00	2,903.00	298,036.76
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	626,564.15	2,537,872.32	230,511,880.35

## 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 1 Waterboxes	Start MWe	Finish MWe	Loss	Start Time	Finish Time
	4/12/2016	Removing 1-CW-E-1C from service	912904	84/11/16	4:32 PM	4/12/16 11:30 PM
	4/13/2016	Removing 1-CW-E-1D from service	914904		104/13/16 7:45 PM	4/14/16 5:40 PM
	4/14/2016	Removing 1-CW-E-1B from service	918910	84/14/16	9:30 PM	4/15/16 5:50 PM
	4/18/2016	Removing 1-CW-E-1A from service	918908		104/18/16 1:01 AM	4/21/16 9:10 PM



# OPERATING DATA REPORT

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201605

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	3,647.00	301,978.79
4. Number of Hours Generator On-line	744.00	3,647.00	298,780.76
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	643,932.24	3,181,804.56	231,155,812.59

## 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 5/18/2016 Turbine Freedom Valve Test.  
 0910 - Unit 1 @ 100% Rx power/908 MWe. Commence ramp down to 96% Rx power for Turbine Freedom Valve Test.  
 0936 - Unit 1 @ 96% Rx power/861 MWe.  
 1110 - Unit 1 @ 100% Rx power/907 MWe

Unit 1 Waterbox/Turbine Freedom Valve Test	Start MWe	Finish MWe	Loss	Start Time	Finish Time
5/14/2016 Waterbox MOV Stroke/Timing Testing	9128	96165		5/14/16 11:18 PM	5/15/16 3:52 AM
5/18/2016 Turbine Freedom Valve Test	908	861475		5/18/16 9:10 AM	5/18/16 11:10 AM

# OPERATING DATA REPORT

DOCKET: 280  
UNIT\_NME: Surry Unit 1  
RPT\_PERIOD: 201606

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	4,367.00	302,698.79
4. Number of Hours Generator On-line	720.00	4,367.00	299,500.76
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	613,280.05	3,795,084.61	231,769,092.65

## 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: 201604

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating: 874  
 2. Maximum Dependable Capacity (MWe-Net) 838

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	2,903.00	298,824.86
4. Number of Hours Generator On-line	720.00	2,903.00	296,011.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	625,407.63	2,537,047.09	229,294,199.71

## 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 Waterboxes Start Mwe Finish MWe Loss Start Time Finish Time

4/4/2016 Removing 2-CW-E-1D from service 912906 64/4/16 4:00 AM 4/9/16 12:18 AM

4/11/2016 Removing 2-CW-E-1A from service 908899 94/11/16 3:00 AM 4/12/16 3:00 AM

4/18/2016 Removing 2-CW-E-1B from service 910900 104/18/16 11:44 AM 4/19/16 9:41 AM

4/19/2016 Removing 2-CW-E-1D from service 910895 154/19/16 1:08 PM 4/20/16 1:06 PM

4/20/2016 Removing 2-CW-E-1A from service 910895 154/20/16 3:35 PM 4/21/16 2:45 PM

4/21/2016 Removing 2-CW-E-1C from service 911898 134/21/16 4:42 PM 4/22/16 2:56 PM

# OPERATING DATA REPORT

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201605

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	3,647.00	299,568.86
4. Number of Hours Generator On-line	744.00	3,647.00	296,755.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	642,437.84	3,179,484.93	229,936,637.55

## 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 Waterbox MOV Testing Start MWe Finish MWeLossStart Time Finish Time  
 5/21/2016Waterbox MOV Stroke/Timing Testing904891135/21/16 11:46 PM5/22/16 2:50 AM

# OPERATING DATA REPORT

DOCKET: 281  
UNIT\_NME: Surry Unit 2  
RPT\_PERIOD: 201606

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	4,367.00	300,288.86
4. Number of Hours Generator On-line	720.00	4,367.00	297,475.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	614,163.89	3,793,648.82	230,550,801.44

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201604

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	44.82	1,756.17	246,145.96
4. Number of Hours Generator On-line	0.00	1,706.12	242,758.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	2,103,507.00	265,384,703.70

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
U1 2016-	3/12/2016		S	720.00	C	4	The Planned Cycle 19 Refueling Outage began 03/12/16 02:07. A pre outage main turbine overspeed test was performed, and the breaker tripped as planned. The outage continued throughout April and the generator was put on line 5/3/16 11:09.

**SUMMARY** Unit 1 remained in Cycle 19 Refueling outage the entire month of April. During initial startup activities, there was a 44.8 hr period beginning on 4/21/16 when the reactor was critical and reached a maximum of 17.7 % power. The reactor was, however, then shutdown to repair a Main Generator oil leak on 4/23/16. Following Generator repairs, startup criticality was declared on 5/02/16 and the Generator put on line 5/3/16.

# OPERATING DATA REPORT

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201605

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	712.82	2,468.99	246,858.78
4. Number of Hours Generator On-line	684.85	2,390.97	243,442.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	807,861.00	2,911,368.00	266,192,564.70

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
U1 2016-	3/12/2016		S	59.15	C	4	The Planned Cycle 19 Refueling Outage began 03/12/16 02:07. A pre outage main turbine overspeed test was performed, and the breaker tripped as planned. The outage continued throughout April and the generator was put on line 5/3/16 11:09.

**SUMMARY** The Refueling Outage ended on 5/3/16 and the power ramp continued until May 10. There was a power reduction required during that ramping period on May 7 for a Rod Pattern Adjustment. This reduced power from 85 to 59% (a 26% reduction). Another Rod Pattern adjustment was performed on 5/13/16, from 99.7% down to 69.1% (a 30.6% reduction).

**Note:**

The energy loss during the ramp-up from the Refueling Outage is considered Exempt Energy Loss for the Online Reliability Factor calculation.

# OPERATING DATA REPORT

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201606

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	245.07	2,714.06	247,103.85
4. Number of Hours Generator On-line	207.75	2,598.72	243,650.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	231,760.00	3,143,128.00	266,424,324.70

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
U1 2016-	6/6/2016		S	512.25	A	1	06/05/16 22:02 Commenced Unit 1 shutdown to locate and correct reactor coolant leakage into the Drywell. On 06/06/16 03:52 the Main Turbine was tripped and a soft shutdown of the reactor concluded on 06/06/16 13:35 when all rods were inserted. On 06/26/16 08:31, U1 Reactor was critical. 06/27/16 12:07 the final breaker closure connected the main generator to the grid.

**SUMMARY** A Reactor Shutdown was performed to locate and correct Reactor coolant leakage into the Drywell. A soft shutdown of the reactor concluded on 06/06/16 13:35 when all rods were inserted.  
 On 06/26/16 08:31 U1 Reactor was declared critical, and on 06/27/16 the main generator was connected to the grid.  
 The outage was planned for 9 days. However, additional work scope required the extension of the outage to 21 days. Therefore, the generation losses for that extended period were classified as unplanned losses for INPO. None of the generation losses (Planned or Unplanned) were considered Excluded per INPO's new Operational Loss Factor definitions. The losses for the entire outage were considered Unplanned for WANO definitions.

There was one additional power reduction greater than 20% this month, and it was associated with the ramp-up from the Outage: On 06/29/16 a reduction from 94.2% down to the lowest power of 70.6% was performed, and the reactor was returned to 94 % on the same day.



# OPERATING DATA REPORT

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201604

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	2,903.00	242,562.26
4. Number of Hours Generator On-line	720.00	2,903.00	239,514.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	898,608.00	3,696,027.00	264,519,688.30

## 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 2 power reductions greater than 20% in the month of April:  
 04/07/16 began reducing power from 100% for a planned Sequence Exchange. The lowest power reading was 68.3%. Achieved 99.9% on 04/09/16  
 04/29/16 00:06 Began power reduction from 99.8% for Scheduled Scram time testing and Condenser Water box cleaning. the lowest power reading was 74.3% and on 5/01/16 Achieved Reactor power of 99.9%.

# OPERATING DATA REPORT

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201605

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	670.07	3,573.07	243,232.33
4. Number of Hours Generator On-line	650.10	3,553.10	240,164.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	798,359.00	4,494,386.00	265,318,047.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
U2- 2016- 01	5/13/2016	F	93.90	A	2	A power reduction was initiated on May 12 due to rising Drywell pressures caused by a loss of Drywell cooling. DW pressure increase to a point that a Manual Scram was initiated on May 13. The Drywell cooling condition was corrected, and the Generator was on line late May 16. This was classified as a complicated scram due to the loss of a 1E class MCC power supply Bus.

**SUMMARY** On May 13 there was an Unplanned Manual Scram initiated due to a loss of Drywell cooling. The condition was corrected, and the Generator was on line late May 16.

Other than the power reduction immediately prior to the May 13 scram, there were no other power reductions greater than 20 % in May.

This scram was classified as a complicated scram due to the loss of a 1E class MCC power supply Bus.

# OPERATING DATA REPORT

DOCKET: 388  
UNIT\_NME: Susquehanna Unit 2  
RPT\_PERIOD: 201606

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	4,293.07	243,952.33
4. Number of Hours Generator On-line	720.00	4,273.10	240,884.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	903,805.00	5,398,191.00	266,221,852.30

## UNIT SHUTDOWNS

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

SUMMARY There were no power changes greater than 20% this month.

# OPERATING DATA REPORT

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201604

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	2,903.00	276,930.73
4. Number of Hours Generator On-line	720.00	2,903.00	275,063.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	607,175.00	2,452,668.00	228,072,014.40

## 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 April 2016.

# OPERATING DATA REPORT

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201605

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	3,647.00	277,674.73
4. Number of Hours Generator On-line	744.00	3,647.00	275,807.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	620,555.00	3,073,223.00	228,692,569.40

## 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 power reduction for main turbine control valve and control rod drive testing. Began 5/28/16 at 20:31. Returned to nominal full power on 5/29/16 at 06:15. Minimum power level 85.85%.

# OPERATING DATA REPORT

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201606

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	4,367.00	278,394.73
4. Number of Hours Generator On-line	720.00	4,367.00	276,527.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	588,999.00	3,662,222.00	229,281,568.40

## 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 Planned power reduction to 88.2% from 21:55 on 6/14/15 to 04:04 on 6/15/16 to support return to service of "B" high pressure feedwater heaters.

# OPERATING DATA REPORT

DOCKET: 250  
UNIT\_NME: Turkey Point Unit 3  
RPT\_PERIOD: 201604

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	2,903.00	296,474.88
4. Number of Hours Generator On-line	720.00	2,903.00	292,889.23
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	599,092.54	2,430,105.72	197,260,726.99

## 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 3 was at approximately 100% power for the month.

# OPERATING DATA REPORT

DOCKET: 250  
UNIT\_NME: Turkey Point Unit 3  
RPT\_PERIOD: 201605

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	744.00	3,647.00	297,218.88
4. Number of Hours Generator On-line	744.00	3,647.00	293,633.23
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	612,448.57	3,042,554.29	197,873,175.56

## 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 PTN Unit 3 was a 100% power for the month.



# OPERATING DATA REPORT

DOCKET: 250  
 UNIT\_NME: Turkey Point Unit 3  
 RPT\_PERIOD: 201606

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	720.00	4,367.00	297,938.88
4. Number of Hours Generator On-line	720.00	4,367.00	294,353.23
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	587,529.75	3,630,084.04	198,460,705.31

## 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 3 was at 100% power for the month.

# OPERATING DATA REPORT

DOCKET: 251  
 UNIT\_NME: Turkey Point Unit 4  
 RPT\_PERIOD: 201604

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 305-246-7106

1. Design Electrical Rating: 840  
 2. Maximum Dependable Capacity (MWe-Net) 821

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	74.13	2,186.51	294,470.93
4. Number of Hours Generator On-line	46.28	2,158.68	289,110.95
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	2,368.22	1,780,548.66	196,901,587.63

## 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	
2016006	3/29/2016		S	673.72	C	4		Cycle 29 RFO

SUMMARY PTN Unit 4 commenced a planned down power on 3/28/16 and performed a normal reactor shutdown on 3/29/16 to support the Unit 4 Cycle 29 planned refueling outage. PTN Unit 4 Completed RFO Cycle 29 on 4/29/16.

# OPERATING DATA REPORT

DOCKET: 251  
 UNIT\_NME: Turkey Point Unit 4  
 RPT\_PERIOD: 201605

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	2,930.51	295,214.93
4. Number of Hours Generator On-line	744.00	2,902.68	289,854.95
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	596,155.18	2,376,703.84	197,497,742.81

## 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 completed Cycle 29 RFO on 4/29/16 and was returned to approximately 100% power on 5/3/16. PTN Unit 4 performed a unplanned down power on 5/19/16 due to a EHC leak on the 4C MSR. PTN Unit 4 was returned to 100% power on 5/20/16.

# OPERATING DATA REPORT

DOCKET: 251  
 UNIT\_NME: Turkey Point Unit 4  
 RPT\_PERIOD: 201606

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	3,650.51	295,934.93
4. Number of Hours Generator On-line	720.00	3,622.68	290,574.95
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	593,879.50	2,970,583.34	198,091,622.31

## 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 100% power for the month.

# OPERATING DATA REPORT

DOCKET: 424  
UNIT\_NME: Vogtle Unit 1  
RPT\_PERIOD: 201604

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	2,903.00	231,811.73
4. Number of Hours Generator On-line	720.00	2,903.00	229,409.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	846,273.00	3,426,143.00	261,061,344.50

## 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 The unit operated at 100% power for the month of April 2016, with no generation loss of consequence.

# OPERATING DATA REPORT

DOCKET: 424  
UNIT\_NME: Vogtle Unit 1  
RPT\_PERIOD: 201605

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	3,647.00	232,555.73
4. Number of Hours Generator On-line	744.00	3,647.00	230,153.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	868,631.00	4,294,774.00	261,929,975.50

## 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 Vogtle unit 1 operated at approximately 100% power for the month of May with no generation losses.

# OPERATING DATA REPORT

DOCKET: 424  
UNIT\_NME: Vogtle Unit 1  
RPT\_PERIOD: 201606

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	4,367.00	233,275.73
4. Number of Hours Generator On-line	720.00	4,367.00	230,873.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	831,553.00	5,126,327.00	262,761,528.50

## 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

# OPERATING DATA REPORT

DOCKET: 425  
UNIT\_NME: Vogtle Unit 2  
RPT\_PERIOD: 201604

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	2,392.20	216,561.19
4. Number of Hours Generator On-line	720.00	2,373.68	214,995.56
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	852,371.00	2,767,520.00	245,476,179.50

## 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 The unit operated at 100% power for the month of April 2016, with no generation loss of consequence.



# OPERATING DATA REPORT

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201605

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	720.67	3,112.87	217,281.86
4. Number of Hours Generator On-line	708.88	3,082.56	215,704.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	818,334.00	3,585,854.00	246,294,513.50

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2016-02	5/25/2016	F		35.12	G	3	At 0206 on 5/25/16, Unit 2 automatically tripped on Steam Generator Loop #1 low-low steam generator level. During I&C steam generator level calibration on Loop #1, the incorrect level channel was disabled within the digital feedwater system. This error resulted in a 0.6% level deviation being locked into the control loop and the Loop #1 feedwater regulating valve drifting closed. Closure of the regulating valve lowered steam generator level to the automatic trip set point of 38%.

**SUMMARY** At 0206 on 5/25/16, Unit 2 automatically tripped on Steam Generator Loop #1 low-low steam generator level. During I&C steam generator level calibration on Loop #1, the incorrect level channel was disabled within the digital feedwater system. This error resulted in a 0.6% level deviation being locked into the control loop and the Loop #1 feedwater regulating valve drifting closed. Closure of the regulating valve lowered steam generator level to the automatic trip set point of 38%.

# OPERATING DATA REPORT

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201606

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	3,832.87	218,001.86
4. Number of Hours Generator On-line	720.00	3,802.56	216,424.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	826,890.00	4,412,744.00	247,121,403.50

## 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 Generation losses associated with repair of 6A feedwater heater.

# OPERATING DATA REPORT

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201604

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	2,903.00	235,947.92
4. Number of Hours Generator On-line	720.00	2,903.00	234,191.76
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	851,889.00	3,433,782.00	258,341,457.00

## 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. There were Planned losses (533 MWhr) due to Condenser Waterbox B2/B1 Summer Reliability Cleaning.

# OPERATING DATA REPORT

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201605

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	3,647.00	236,691.92
4. Number of Hours Generator On-line	744.00	3,647.00	234,935.76
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	878,962.00	4,312,744.00	259,220,419.00

## 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. There were Planned losses (1592 MWh) due to Condenser Waterbox C2/C1/A1 Summer Reliability Cleaning and Unplanned losses (322 MWh) for CW-111C (Condenser Waterbox C2 Inlet Isolation Valve) maintenance.

# OPERATING DATA REPORT

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201606

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	4,367.00	237,411.92
4. Number of Hours Generator On-line	720.00	4,367.00	235,655.76
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	845,014.00	5,157,758.00	260,065,433.00

## 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. There were unplanned losses (464 MWh) due to Heater Drain Pump B tripping on low suction pressure while attempting to restore FHD-460B (Heater Drain Pump B Recirculation Valve) after its repair (CR-WF3-2016-3710).

# OPERATING DATA REPORT

DOCKET: 390  
UNIT\_NME: Watts Bar Unit 1  
RPT\_PERIOD: 201604

PREPARER NAME: Dennis Hicks  
PREPARER TELEPHONE: 4234354331

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	2,829.43	158,329.77
4. Number of Hours Generator On-line	720.00	2,813.87	157,530.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	800,663.00	3,171,050.00	176,649,140.08

## UNIT SHUTDOWNS

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

SUMMARY planned losses are manageable losses

# OPERATING DATA REPORT

DOCKET: 390  
 UNIT\_NME: Watts Bar Unit 1  
 RPT\_PERIOD: 201605

PREPARER NAME: Dennis Hicks  
 PREPARER TELEPHONE: 4234524331

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	3,573.43	159,073.77
4. Number of Hours Generator On-line	744.00	3,557.87	158,274.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	818,177.00	3,989,227.00	177,467,317.08

## 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 losses are manageable losses

# OPERATING DATA REPORT

DOCKET: 390  
 UNIT\_NME: Watts Bar Unit 1  
 RPT\_PERIOD: 201606

PREPARER NAME: Dennis Hicks  
 PREPARER TELEPHONE: 423-452-4331

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	4,293.43	159,793.77
4. Number of Hours Generator On-line	720.00	4,277.87	158,994.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	711,582.60	4,700,809.60	178,178,899.68

## 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 Losses primarily due condenser backpressure limitations on the LP 'C' Turbine.



# OPERATING DATA REPORT

DOCKET: 482  
UNIT\_NME: Wolf Creek Unit 1  
RPT\_PERIOD: 201604

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	720.00	2,903.00	231,001.40
4. Number of Hours Generator On-line	720.00	2,903.00	229,211.58
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	878,858.00	3,542,045.00	264,071,720.00

## 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 April 1, 2016 through April 30, 2016.

# OPERATING DATA REPORT

DOCKET: 482  
UNIT\_NME: Wolf Creek Unit 1  
RPT\_PERIOD: 201605

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	3,647.00	231,745.40
4. Number of Hours Generator On-line	744.00	3,647.00	229,955.58
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	903,726.00	4,445,771.00	264,975,446.00

## 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 in mode 1, at or near 100% power from May 1, 2016 through May 31, 2016.

# OPERATING DATA REPORT

DOCKET: 482  
UNIT\_NME: Wolf Creek Unit 1  
RPT\_PERIOD: 201606

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	720.00	4,367.00	232,465.40
4. Number of Hours Generator On-line	720.00	4,367.00	230,675.58
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	860,319.00	5,306,090.00	265,835,765.00

## 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 in mode 1, at or near 100% power from June 1, 2016 through June 30, 2016.