DOCKET: 313 PREPARER NAME: Steven L. Coffman

UNIT\_NME: ARKANSAS NUCLEAR ONE 1 PREPARER TELEPHONE: 479-858-5560

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	220,542.44
4. Number of Hours Generator On-line	744.00	5,087.00	217,728.66
5. Reserve Shutdown Hours	0.00	0.00	817.50
	207 205 22		

6. Net Electrical energy Generated (MWHrs) 627,685.00 4,342,273.00 169,527,716.24

**UNIT SHUTDOWNS** 

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

DOCKET: 313 PREPARER NAME: Steven L. Coffman

UNIT\_NME: ARKANSAS NUCLEAR ONE 1 PREPARER TELEPHONE: 479-858-5560

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	744.00	5,831.00	221,286.44	
4. Number of Hours Generator On-line	744.00	5,831.00	218,472.66	
5. Reserve Shutdown Hours	0.00	0.00	817.50	
6. Net Electrical energy Generated (MWHrs)	626,554.00	4,968,827.00	170,154,270.24	

## **UNIT SHUTDOWNS**

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

DOCKET: 313 PREPARER NAME: Steven L. Coffman

UNIT\_NME: ARKANSAS NUCLEAR ONE 1 PREPARER TELEPHONE: 479-858-5560

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	222,006.44
4. Number of Hours Generator On-line	720.00	6,551.00	219,192.66
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	613,692.00	5,582,519.00	170,767,962.24

**UNIT SHUTDOWNS** 

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

DOCKET: 368 PREPARER NAME: Steven L. Coffman

UNIT\_NME: ARKANSAS NUCLEAR ONE 2 PREPARER TELEPHONE: 479-858-5560

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	191,755.13
4. Number of Hours Generator On-line	744.00	5,087.00	189,135.34
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 741,342.00 5,117,726.00 165,820,724.00

**UNIT SHUTDOWNS** 

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

DOCKET: 368 PREPARER NAME: Steven L. Coffman

UNIT\_NME: ARKANSAS NUCLEAR ONE 2 PREPARER TELEPHONE: 479-858-5560

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	192,499.13
4. Number of Hours Generator On-line	744.00	5,831.00	189,879.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	737,626.00	5,855,352.00	166,558,350.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: The Unit began the month at, or near full power. On 08/13/06, power was reduced to ~84% to perform maintenance on a Main Feedwater Turbine control valve. The Unit returned to full power the next day and operated the remainder of the month at, or near full power.

DOCKET: 368 PREPARER NAME: Steven L. Coffman

UNIT\_NME: ARKANSAS NUCLEAR ONE 2 PREPARER TELEPHONE: 479-858-5560

RPT\_PERIOD: 200609

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

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 454.08
 6,285.08
 192,953.21

 4. Number of Hours Generator On-line
 454.08
 6,285.08
 190,333.42

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 430,994.00 6,286,346.00 166,989,344.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2006-01	9/19/2006	S	265.92	С	1	2R18 Refueling Outage

SUMMARY: The Unit began the month at, or near full power. On 09/03/06, the Unit began a power coast down due to fuel depletion. The Unit was taken off line on 09/19/06 for the 2R18 Refueling Outage.

DOCKET: 334 PREPARER NAME: Glenn Mitchell UNIT\_NME: BEAVER VALLEY 1 PREPARER TELEPHONE: 330-384-5027

RPT\_PERIOD: 200607

PREPARER TELEPHONE: 330-384-5027

Design Electrical Rating: 835
 Maximum Dependable Capacity (MWe-Net) 821

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 3,500.74
 188,423.88

 4. Number of Hours Generator On-line
 744.00
 3,461.54
 185,838.68

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 613,690.00 2,824,207.00 141,434,406.00

**UNIT SHUTDOWNS** 

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

SUMMARY: The plant operated at full power for the entire month.

DOCKET:334PREPARER NAME:Glenn MitchellUNIT\_NME:BEAVER VALLEY 1PREPARER TELEPHONE:330-384-5027

RPT\_PERIOD: 200608

Design Electrical Rating: 835
 Maximum Dependable Capacity (MWe-Net) 821

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	638.05	4,138.79	189,061.93
4. Number of Hours Generator On-line	627.33	4,088.87	186,466.01
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	508,794.00	3,333,001.00	141,943,200.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
4	8/25/2006	S	116.67	В	1	Planned shutdown to inspect the steam generator for FME

SUMMARY: The unit performed a planned shutdown to inspect the steam generator for FME.

DOCKET: 334 PREPARER NAME: Glenn Mitchell UNIT\_NME: **BEAVER VALLEY 1** 

PREPARER TELEPHONE: 330-384-5027

RPT\_PERIOD: 200609

1. Design Electrical Rating: 835 2. Maximum Dependable Capacity (MWe-Net) 821

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	688.30	4,827.09	189,750.23
4. Number of Hours Generator On-line	677.62	4,766.49	187,143.63
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 577,479.00 3,910,480.00 142,520,679.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
5	9/7/2006	F	42.38	А	3	Uplanned Reactor SCRAM due to failed SSPS control card

SUMMARY: The plant experienced an unplanned reactor SCRAM on 9/7/06 due to a failure of a Solid State Protection System (SSPS) circuit card.

DOCKET: 412 PREPARER NAME: Glenn Mitchell UNIT\_NME: BEAVER VALLEY 2 PREPARER TELEPHONE: 330-384-5027

RPT\_PERIOD: 200607

Design Electrical Rating: 836
 Maximum Dependable Capacity (MWe-Net) 821

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,005.83
 139,582.06

 4. Number of Hours Generator On-line
 744.00
 5,001.42
 138,818.97

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 606,634.00 4,146,565.00 109,960,827.00

**UNIT SHUTDOWNS** 

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

SUMMARY: The plant operated at full power for the entire month, with the exception of 4 small derates due to high ambient weather conditions (outside of plant management control).

DOCKET: 412 PREPARER NAME: Glenn Mitchell UNIT\_NME: BEAVER VALLEY 2 PREPARER TELEPHONE: 330-384-5027

RPT\_PERIOD: 200608

Design Electrical Rating: 836
 Maximum Dependable Capacity (MWe-Net) 821

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,749.83	140,326.06
4. Number of Hours Generator On-line	744.00	5,745.42	139,562.97
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	604,410.00	4,750,975.00	110,565,237.00

**UNIT SHUTDOWNS** 

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

SUMMARY: The plant operated at full power for the entire month, with the exception of 4 small derates due to high ambient weather conditions (outside of plant management control).

DOCKET: 412 PREPARER NAME: Glenn Mitchell UNIT\_NME: **BEAVER VALLEY 2** 

PREPARER TELEPHONE: 330-384-5027 200609

RPT\_PERIOD:

1. Design Electrical Rating: 836 2. Maximum Dependable Capacity (MWe-Net) 821

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,469.83	141,046.06
4. Number of Hours Generator On-line	720.00	6,465.42	140,282.97
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	595,104.00	5,346,079.00	111,160,341.00

**UNIT SHUTDOWNS** 

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

SUMMARY: The unit occured 2 unplanned downpowers to 95% power for troubleshooting of the feedwater top end heater level control. The unit downpowered at the end of the month as part of the entry into the refuel outage in October.

DOCKET: 456 PREPARER NAME: Hildebrant

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

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,688.73	136,521.41
4. Number of Hours Generator On-line	744.00	4,679.18	135,515.28
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 876,515.00 5,553,574.00 148,829,911.00

**UNIT SHUTDOWNS** 

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

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

DOCKET: 456 PREPARER NAME: Hildebrant

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

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,432.73	137,265.41
4. Number of Hours Generator On-line	744.00	5,423.18	136,259.28
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 875,874.00 6,429,448.00 149,705,785.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit operated normally at full power for the entire month

DOCKET: 456 PREPARER NAME: Hildebrant

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

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,152.73	137,985.41
4. Number of Hours Generator On-line	720.00	6,143.18	136,979.28
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 858,742.00 7,288,190.00 150,564,527.00

**UNIT SHUTDOWNS** 

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

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

DOCKET: 457 PREPARER NAME: Hildebrant

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

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	140,576.48
4. Number of Hours Generator On-line	744.00	5,087.00	139,870.80
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 851,661.00 5,928,734.00 152,787,937.00

**UNIT SHUTDOWNS** 

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

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

DOCKET: 457 PREPARER NAME: Hildebrant

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

RPT\_PERIOD: 200608

1. Design Electrical Rating: 1155

2. Maximum Dependable Capacity (MWe-Net) 1131

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	141,320.48
4. Number of Hours Generator On-line	744.00	5,831.00	140,614.80
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 852,201.00 6,780,935.00 153,640,138.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit operated normally at full power for the entire month

DOCKET: 457 PREPARER NAME: Hildebrant

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

RPT\_PERIOD: 200609

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

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,551.00
 142,040.48

 4. Number of Hours Generator On-line
 720.00
 6,551.00
 141,334.80

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

 6. Net Electrical energy Generated (MWHrs)
 836,024.00
 7,616,959.00
 154,476,162.00

**UNIT SHUTDOWNS** 

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

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

DOCKET: 260 PREPARER NAME: Kathy C. Hollander

UNIT\_NME: BROWNS FERRY 2 PREPARER TELEPHONE: 256/729-7447

RPT\_PERIOD: 200607

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1118

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,976.90	178,133.51
4. Number of Hours Generator On-line	744.00	4,965.23	175,384.63
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 810,032.96 5,493,822.40 177,603,914.57

**UNIT SHUTDOWNS** 

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

DOCKET: 260 PREPARER NAME: Kathy C. Hollander

UNIT\_NME: BROWNS FERRY 2 PREPARER TELEPHONE: 256/729-7447

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,720.90	178,877.51
4. Number of Hours Generator On-line	744.00	5,709.23	176,128.63
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 807,518.92 6,301,341.32 178,411,433.49

**UNIT SHUTDOWNS** 

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

DOCKET: 260 PREPARER NAME: Kathy C. Hollander

UNIT\_NME: BROWNS FERRY 2 PREPARER TELEPHONE: 256/729-7447

RPT\_PERIOD: 200609

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1118

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,440.90	179,597.51
4. Number of Hours Generator On-line	720.00	6,429.23	176,848.63
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 789,140.47 7,090,481.79 179,200,573.96

**UNIT SHUTDOWNS** 

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

Kathy C. Hollander DOCKET: 296 PREPARER NAME:

UNIT\_NME: **BROWNS FERRY 3** PREPARER TELEPHONE: 256/729-7447

RPT\_PERIOD: 200607

1. Design Electrical Rating: 1120 2. Maximum Dependable Capacity (MWe-Net) 1118

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,436.00	134,633.83
4. Number of Hours Generator On-line	744.00	4,410.00	133,083.27
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 811,652.06 4,749,039.26 137,913,191.56

**UNIT SHUTDOWNS** 

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

DOCKET: 296 PREPARER NAME: Kathy C. Hollander

UNIT\_NME: BROWNS FERRY 3 PREPARER TELEPHONE: 256-729-7447

RPT\_PERIOD: 200608

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1118

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	674.23	5,110.23	135,308.06
4. Number of Hours Generator On-line	661.62	5,071.62	133,744.89
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 693,924.06 5,442,963.32 138,607,115.62

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
4	8/29/2006	F	34.82	Α	2	Manual reactor scram due to EHC oil leak.
3	8/19/2006	F	47.57	Α	2	Manual reactor scram on loss of both reactor recirculation pumps.

DOCKET: 296 PREPARER NAME: Kathy C. Hollander

UNIT\_NME: BROWNS FERRY 3 PREPARER TELEPHONE: 256/729-7447

RPT\_PERIOD: 200609

Design Electrical Rating: 1120
 Maximum Dependable Capacity (MWe-Net) 1118

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,830.23	136,028.06
4. Number of Hours Generator On-line	720.00	5,791.62	134,464.89
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 789,994.86 6,232,958.18 139,397,110.48

#### **UNIT SHUTDOWNS**

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

DOCKET: 325 PREPARER NAME: Chris Mills

UNIT\_NME: BRUNSWICK 1 PREPARER TELEPHONE: 910-457-2567

RPT\_PERIOD: 200607

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	744.00	4,278.24	190,150.74
4. Number of Hours Generator On-line	744.00	4,242.19	185,470.67
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 713,467.00 4,004,855.00 142,602,551.00

**UNIT SHUTDOWNS** 

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

DOCKET: 325 PREPARER NAME: Chris Mills

UNIT\_NME: BRUNSWICK 1 PREPARER TELEPHONE: 910-457-2567

RPT\_PERIOD: 200608

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

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 459.28 4,737.52 190,610.02

4. Number of Hours Generator On-line 431.83 4,674.02 185,902.50

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 382,134.00 4,386,989.00 142,984,685.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
B116F1	8/11/2006	F	312.17	А	1	Unit 1 shutdown to make repairs to the main generator stator cooling system to mitigate any possible damage to the generator.

SUMMARY: Unit 1 was shutdown to make repairs to the main generator stator cooling system to mitigate any possible damage to the generator. AR 202648

DOCKET: 325 PREPARER NAME: Chris Mills

UNIT\_NME: BRUNSWICK 1 PREPARER TELEPHONE: 910-457-2567

RPT\_PERIOD: 200609

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
 5,457.52
 191,330.02

 4. Number of Hours Generator On-line
 720.00
 5,394.02
 186,622.50

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 677,115.00 5,064,104.00 143,661,800.00

**UNIT SHUTDOWNS** 

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

DOCKET: 324 PREPARER NAME: Chris Mills

**BRUNSWICK 2** UNIT\_NME: PREPARER TELEPHONE: 910-457-2567

**This Month** 

RPT\_PERIOD: 200607

980 1. Design Electrical Rating:

2. Maximum Dependable Capacity (MWe-Net) 937

Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 744.00 4,871.02 199,699.62 4. Number of Hours Generator On-line 744.00 4,840.47 193,486.41

0.00 5. Reserve Shutdown Hours 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 696,644.00 4,515,150.00 143,107,106.00

**UNIT SHUTDOWNS** 

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

DOCKET: 324 PREPARER NAME: Chris Mills

UNIT\_NME: BRUNSWICK 2 PREPARER TELEPHONE: 910-457-2567

RPT\_PERIOD: 200608

Design Electrical Rating: 980
 Maximum Dependable Capacity (MWe-Net) 937

This Month Yr-to-Date Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,615.02
 200,443.62

 4. Number of Hours Generator On-line
 744.00
 5,584.47
 194,230.41

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 693,383.00 5,208,533.00 143,800,489.00

**UNIT SHUTDOWNS** 

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

DOCKET: 324 PREPARER NAME: Chris Mills

UNIT\_NME: BRUNSWICK 2 PREPARER TELEPHONE: 910-457-2567

RPT\_PERIOD: 200609

1. Design Electrical Rating: 980

2. Maximum Dependable Capacity (MWe-Net) 937

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 720.00 6,335.02 201,163.62
4. Number of Hours Generator On-line 720.00 6,304.47 194,950.41
5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 642,823.00 5,851,356.00 144,443,312.00

UNIT SHUTDOWNS

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

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

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	159,546.56
4. Number of Hours Generator On-line	744.00	5,087.00	158,476.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	871,111.00	6,032,310.00	169,128,613.00

**UNIT SHUTDOWNS** 

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

DOCKET: 454 PREPARER NAME: D. Eder

UNIT\_NME: BYRON 1 PREPARER TELEPHONE: 815 406-2194

RPT\_PERIOD: 200608

1. Design Electrical Rating: 1187

2. Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	160,290.56
4. Number of Hours Generator On-line	744.00	5,831.00	159,220.04
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 870,214.00 6,902,524.00 169,998,827.00

**UNIT SHUTDOWNS** 

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

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

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	239.03	6,070.03	160,529.59
4. Number of Hours Generator On-line	239.00	6,070.00	159,459.04
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 257,769.00 7,160,293.00 170,256,596.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
06-01	9/10/2006	S	481.00	С	1	Normal shutdown for B1R14

SUMMARY: Unit entered B1R14 on 9/10/06 at approximately 2300. Unit RTS date was 9/27/06 but has been delayed due to issues with the pressurizer weld overlay project.

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

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	151,804.58
4. Number of Hours Generator On-line	744.00	5,087.00	150,965.18
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	846,286.00	5,903,573.00	160,878,160.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Grid related energy loss was due to site generation limits due to a transmission line that was taken OOS. The line issue was external to the site switchyard. Site elected to reduce load on unit 2 and keep unit 1 at full power.

DOCKET: 455 PREPARER NAME: D. Eder

UNIT\_NME: BYRON 2 PREPARER TELEPHONE: 815 406-2194

RPT\_PERIOD: 200608

1. Design Electrical Rating: 1155

2. Maximum Dependable Capacity (MWe-Net) 1125

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 5,831.00 152,548.58
4. Number of Hours Generator On-line 744.00 5,831.00 151,709.18
5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 855,640.00 6,759,213.00 161,733,800.00

**UNIT SHUTDOWNS** 

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

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

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	153,268.58
4. Number of Hours Generator On-line	720.00	6,551.00	152,429.18
5. Reserve Shutdown Hours	0.00	0.00	0.00
0 1 (51 (1) 0 (1) (1)	000 000 00	7 500 050 00	400 500 000 00

6. Net Electrical energy Generated (MWHrs) 832,839.00 7,592,052.00 162,566,639.00

#### **UNIT SHUTDOWNS**

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

DOCKET: 483 PREPARER NAME: J. Hiller

UNIT\_NME: CALLAWAY 1 PREPARER TELEPHONE: 573-676-4259

RPT\_PERIOD: 200607

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

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,684.83
 168,628.74

 4. Number of Hours Generator On-line
 744.00
 4,651.75
 166,471.96

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 888,413.00 5,617,416.00 184,724,813.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Callaway Plant operated at approximately 100% power for the month of July 2006.

DOCKET: 483 PREPARER NAME: J. Hiller

UNIT\_NME: CALLAWAY 1 PREPARER TELEPHONE: 573-676-4259

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,428.83	169,372.74
4. Number of Hours Generator On-line	744.00	5,395.75	167,215.96
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 889,904.00 6,507,320.00 185,614,717.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Callaway Plant operated at approximately 100% power for the month of August 2006.

DOCKET: 483 PREPARER NAME: J. Hiller

UNIT\_NME: CALLAWAY 1 PREPARER TELEPHONE: 573-676-4259

RPT\_PERIOD: 200609

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

Maximum Dependable Capacity (MWe-Net)
 1190
 This Month

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,148.83
 170,092.74

 4. Number of Hours Generator On-line
 720.00
 6,115.75
 167,935.96

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 873,945.00 7,381,265.00 186,488,662.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Callaway Plant operated at approximately 100% power for the month of September 2006.

DOCKET: 317 PREPARER NAME: Herman O. Olsen

UNIT\_NME: CALVERT CLIFFS 1 PREPARER TELEPHONE: 410-495-6734

RPT\_PERIOD: 200607

Design Electrical Rating: 845
 Maximum Dependable Capacity (MWe-Net) 870

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,920.68	212,781.30
4. Number of Hours Generator On-line	744.00	3,886.25	209,533.42
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	639,797.00	3,391,502.00	172,691,518.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit began the month at 100% reactor power.

On 07/07/2006 at 1656 reactor power was rapidly reduced to 41% to maintain condenser vacuum at an acceptable value. The reduced vacuum was caused by a large mass intrusion of jellyfish which fouled the intake screens, and required the subsequent securing of a circulating water pump. The jellyfish intrusion abated and the circulating water pump was returned to operation. Reactor power was increased and returned to 100% at 2231.

The unit continued to operate at 100% power for the remainder of the month.

DOCKET: 317 PREPARER NAME: Herman O. Olsen

UNIT\_NME: CALVERT CLIFFS 1 PREPARER TELEPHONE: 410-495-6734

RPT\_PERIOD: 200608

Design Electrical Rating: 845
 Maximum Dependable Capacity (MWe-Net) 870

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,664.68	213,525.30
4. Number of Hours Generator On-line	744.00	4,630.25	210,277.42
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	637,775.00	4,029,277.00	173,329,293.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit began the month at 100% reactor power.

On 08/26/2006 at 0500 reactor power was reduced to 95% for waterbox cleaning. Power was further reduced to 87% for Main Turbine Valve Testing at 2000. Testing was completed and power was returned to 97% to continue waterbox cleaning. Waterbox cleaning was completed and power was returned to 100% on 08/27/2006 at 1430.

The unit continued to operate at 100% power for the remainder of the month.

DOCKET: 317 PREPARER NAME: Herman O. Olsen

UNIT\_NME: CALVERT CLIFFS 1 PREPARER TELEPHONE: 410-495-6734

RPT\_PERIOD: 200609

Design Electrical Rating: 845
 Maximum Dependable Capacity (MWe-Net) 870

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,384.68	214,245.30
4. Number of Hours Generator On-line	720.00	5,350.25	210,997.42
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	626,421.00	4,655,698.00	173,955,714.00

#### **UNIT SHUTDOWNS**

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

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

DOCKET: 318 PREPARER NAME: Herman O. Olsen

UNIT\_NME: CALVERT CLIFFS 2 PREPARER TELEPHONE: 410-495-6734

RPT\_PERIOD: 200607

Design Electrical Rating: 845
 Maximum Dependable Capacity (MWe-Net) 858

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	206,834.04
4. Number of Hours Generator On-line	744.00	5,074.53	204,892.11
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 627,003.00 4,390,034.00 169,799,832.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit began the month at 100% reactor power.

On 07/08/2006 at 2100, reactor power was reduced to ~97% to perform PSTP-4 Variable Tave testing. Testing was completed and power was returned to 100% on 07/09/2006 at 0215.

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

DOCKET: 318 PREPARER NAME: Herman O. Olsen

UNIT\_NME: CALVERT CLIFFS 2 PREPARER TELEPHONE: 410-495-6734

RPT\_PERIOD: 200608

Design Electrical Rating: 845
 Maximum Dependable Capacity (MWe-Net) 858

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,831.00
 207,578.04

 4. Number of Hours Generator On-line
 744.00
 5,818.53
 205,636.11

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 623,371.00 5,013,405.00 170,423,203.00

**UNIT SHUTDOWNS** 

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

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

DOCKET: 318 PREPARER NAME: Herman O. Olsen

UNIT\_NME: CALVERT CLIFFS 2 PREPARER TELEPHONE: 410-495-6734

RPT\_PERIOD: 200609

Design Electrical Rating: 845
 Maximum Dependable Capacity (MWe-Net) 858

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	208,298.04
4. Number of Hours Generator On-line	720.00	6,538.53	206,356.11
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	609,218.00	5,622,623.00	171,032,421.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit began the month at 100% power.

On 09/02/2006at 0000, reactor power was reduced to 78% to clean 21B waterbox due to storm related debris. The waterbox was cleaned and power was returned to 100% at 0600.

On 09/09/2006 at 0500, power was reduced to 95% for waterbox cleaning. Power was further reduced to 85% at 2000 for Main Turbine Valve Testing. Testing was completed and waterbox cleaning continued. On 09/10/2006 at 0015 power was increased. The reactor reached 100% at 0444.

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

DOCKET: 413 PREPARER NAME: Kay E Nicholson

UNIT\_NME: CATAWBA 1 PREPARER TELEPHONE: 803.831.3237

RPT\_PERIOD: 200607

1. Design Electrical Rating: 1145

2. Maximum Dependable Capacity (MWe-Net) 1129

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,578.75	155,872.26
4. Number of Hours Generator On-line	744.00	4,574.36	153,972.21
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 853,628.00 5,283,247.00 171,267,853.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Catawba Unit 1 began the month of July 2006 operating at or near 100% Full Power. At 1024 on 7/7/06, power reduction from 100% Full Power was commenced to perform corrective maintenance on Main Turbine Stop Valve #2's position indication. Power reduction was halted at 97% Full Power at 1124 on 7/7/06. At 1515 on 7/7/06, following successful completion of the Stop Valve indication corrective maintenance, power escalation was commenced from 97% F.P. Power escalation was halted at 100% Full Power at 1933 on 7/7/06. At 0722 on 7/8/06, power reduction from 100% Full Power was commenced for replacement of a Main Feedwater Header pressure transmitter. Power reduction was halted at 97% Full Power at 0815 on 7/8/06. At 1328 on 7/8/06, following successful completion of the pressure transmitter replacement, power escalation was commenced from 97% F.P. 100% Full Power was ultimately reached at 1529 on 7/8/06, and Unit 1 operated at or near 100% Full Power for the remainder of the month.

DOCKET: 413 PREPARER NAME: Kay E Nicholson

UNIT\_NME: CATAWBA 1 PREPARER TELEPHONE: 803.831.3237

RPT\_PERIOD: 200608

1. Design Electrical Rating: 1145

2. Maximum Dependable Capacity (MWe-Net) 1129

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,322.75
 156,616.26

 4. Number of Hours Generator On-line
 744.00
 5,318.36
 154,716.21

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 851,672.00 6,134,919.00 172,119,525.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Catawba Unit 1 began the month of August 2006 operating at or near 100% Full Power. At 1642 on 8/30/06, power reduction from 100% Full Power was commenced due to decrease in Main Condenser vacuum resulting from the loss of 6 Cooling Tower 1C fans (caused by lightning strike). Power reduction was halted at 95% Full Power at 1649 on 8/30/06. At 0128 on 8/31/06, following restoration of the Cooling Tower 1C fans, power escalation was commenced from 95% F.P. 100% Full Power was ultimately reached at 0256 on 8/31/06, and Unit 1 operated at or near 100% Full Power for the remainder of the month.

DOCKET: 413 PREPARER NAME: Kay E Nicholson

UNIT\_NME: CATAWBA 1 PREPARER TELEPHONE: 803.831.3237

RPT\_PERIOD: 200609

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

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 720.00 6,042.75 157,336.26

4. Number of Hours Generator On-line 720.00 6,038.36 155,436.21

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 829,278.00 6,964,197.00 172,948,803.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Catawba Unit 1 began the month of September 2006 operating at or near 100% Full Power. At 2159 on 9/23/06, power reduction from 100% Full Power was commenced for performance of Main Turbine Control Valve Movement periodic testing. Power reduction was halted at 88% Full Power at 2322 on 9/23/06. At 0006 on 9/24/06, following completion of Main Turbine Control Valve testing, power escalation was commenced from 88% F.P. 100% Full Power was ultimately reached at 0426 on 9/24/06, and Unit 1 operated at or near 100% Full Power for the remainder of the month.

DOCKET: 414 PREPARER NAME: Kay E Nicholson

UNIT\_NME: CATAWBA 2 PREPARER TELEPHONE: 803.831.3237 RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,078.04	148,503.44
4. Number of Hours Generator On-line	744.00	4,024.94	146,933.63
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 852,891.00 4,557,220.00 163,795,049.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Catawba Unit 2 began and concluded the month of July 2006 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

DOCKET: 414 PREPARER NAME: Kay E icholson UNIT\_NME: CATAWBA 2 PREPARER TELEPHONE: 803 831 3237

UNIT\_NME: CATAWBA 2 PREPARER TELEPHONE: 803.831.3237 RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,822.04	149,247.44
4. Number of Hours Generator On-line	744.00	4,768.94	147,677.63
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 855,129.00 5,412,349.00 164,650,178.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Catawba Unit 2 began and concluded the month of August 2006 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

DOCKET: 414 PREPARER NAME: Kay E Nicholson

UNIT\_NME: CATAWBA 2 PREPARER TELEPHONE: 803.831.3237

RPT\_PERIOD: 200609

1. Design Electrical Rating: 1145

2. Maximum Dependable Capacity (MWe-Net) 1129

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,542.04	149,967.44
4. Number of Hours Generator On-line	720.00	5,488.94	148,397.63
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 830,659.00 6,243,008.00 165,480,837.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Catawba Unit 2 began the month of September 2006 operating at or near 100% Full Power. At 0727 on 9/2/06, power reduction from 100% Full Power was commenced for performance of corrective maintenance on the Main Turbine Control (EHC) System. Power reduction was halted at 84% Full Power at 0927 on 9/2/06. At 1037 on 9/2/06, following completion of EHC System maintenance, power escalation was commenced from 84% F.P. 100% Full Power was ultimately reached at 1712 on 9/2/06, and Unit 2 operated at or near 100% Full Power for the remainder of the month.

DOCKET: 461 PREPARER NAME: P. K. Ryan
UNIT\_NME: CLINTON 1 PREPARER TELEPHONE: 217-937-2201

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,413.55	118,501.70
4. Number of Hours Generator On-line	744.00	4,357.95	115,992.76
5. Reserve Shutdown Hours	0.00	0.00	4.00
0 1 (51 (1) 0 (1) (1)	700 000 00	4 450 445 00	405 074 000 40

6. Net Electrical energy Generated (MWHrs) 793,326.00 4,458,115.00 105,671,089.48

#### **UNIT SHUTDOWNS**

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

SUMMARY: There were no planned or unplanned losses in July.

DOCKET: 461 PREPARER NAME: P. K. Ryan UNIT\_NME: CLINTON 1 PREPARER TELEPHONE: 217-937-2201

RPT\_PERIOD: 200608

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	706.88	5,120.43	119,208.58
4. Number of Hours Generator On-line	689.57	5,047.52	116,682.33
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	718,172.00	5,176,287.00	106,389,261.48

718,172.00 5,176,287.00 106,389,261.48

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
C1F48	8/27/2006	F	54.43	А	3	Performed repairs to the Division 4 nuclear system protection system power supply.

SUMMARY: Forced losses were incurred in August due to a downpower to repair a leak on a reactor feedpump suction valve, and due to an automatic scram caused by a malfunction in the Division 4 nuclear system protection system power supply.

DOCKET: 461 PREPARER NAME: P. K. Ryan
UNIT\_NME: CLINTON 1 PREPARER TELEPHONE: 217-937-2201

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,840.43	119,928.58
4. Number of Hours Generator On-line	720.00	5,767.52	117,402.33
5. Reserve Shutdown Hours	0.00	0.00	4.00
6 Not Floatrical anaray Congreted (MMIIIra)	765 464 00	E 041 7E1 00	107 154 705 40

6. Net Electrical energy Generated (MWHrs) 765,464.00 5,941,751.00 107,154,725.48

#### **UNIT SHUTDOWNS**

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

SUMMARY: Planned losses in September were due to a control rod pattern adjustment. Forced losses were due to #4 turbine control valve not opening during the power ascension. Grid related losses were due to Midwest ISO identifying a contingency violation of an operating limit on a nearby transformer that could only be mitigated by a reduction of Clinton's output.

DOCKET: 397 PREPARER NAME: Debbie Hebert

UNIT\_NME: COLUMBIA GEN STA 2 PREPARER TELEPHONE: 509-377-8036

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	147,904.91
4. Number of Hours Generator On-line	744.00	5,087.00	144,260.53
5. Reserve Shutdown Hours	0.00	0.00	3,274.70
6. Net Electrical energy Generated (MWHrs)	793,941.52	5,469,401.21	145,560,910.79

#### **UNIT SHUTDOWNS**

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

SUMMARY: Columbia Generating Station operated at 100% of its licensed thermal power for the entire month except for three unplanned derates caused by cooling problems with the power supply to the reactor recirculation pumps. In each instance reactor power was reduced below 80% and recovery took between one and three days. The first event was initiated on the 20th with restoration 20 hours later on the 21st with minimum reactor power at 70.2%, the second event was initiated on the 23rd with restoration 40 hours later on the 25th with minimum reactor power at 69.1%, and the third event was initiated on the 27th with restoration 56 hours later on the 29th with minimum reactor power at 25.7%.

DOCKET: 397 PREPARER NAME: Debbie Hebert

UNIT\_NME: COLUMBIA GEN STA 2 PREPARER TELEPHONE: 509-377-8036

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	148,648.91
4. Number of Hours Generator On-line	744.00	5,831.00	145,004.53
5. Reserve Shutdown Hours	0.00	0.00	3,274.70
6. Net Electrical energy Generated (MWHrs)	814,261.74	6,283,662.95	146,375,172.53

### **UNIT SHUTDOWNS**

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

SUMMARY: The plant operated at full power except as noted: There were two derates to 97% of less than one hour duration to support routine planned maintenance. At 23:43, 13-Aug-06, reactor power was reduced to ~60% due to a leak in the turbine's high pressure hydraulic control system. The plant returned to full power on 00:28, 15-Aug-06. At 09:00, 27-Aug-06, reactor power was lowered to 62% in support of a planned control rod sequence exchange. The plant returned to full power on 00:00, 28-Aug-06.

DOCKET: 397 PREPARER NAME: Debbie Hebert

UNIT\_NME: COLUMBIA GEN STA 2 PREPARER TELEPHONE: 509-377-8036

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	149,368.91
4. Number of Hours Generator On-line	720.00	6,551.00	145,724.53
5. Reserve Shutdown Hours	0.00	0.00	3,274.70
6. Net Electrical energy Generated (MWHrs)	803,112.55	7,086,775.50	147,178,285.08

### **UNIT SHUTDOWNS**

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

SUMMARY: The plant operated at full power except as noted:

There were two derates to 97% of less than two hours duration to support routine planned maintenance.

DOCKET: 445 PREPARER NAME: G.D. Lytle

UNIT\_NME: COMANCHE PEAK 1 PREPARER TELEPHONE: 254-897-5455

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	124,225.75
4. Number of Hours Generator On-line	744.00	5,087.00	123,286.37
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	868,102.00	5,979,567.00	133,200,650.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 began the month at 100% reactor, 1206 MWe turbine power. On 7/14/06, at 2238, Unit 1 commenced downpower ramp to 75% reactor, 875 MWe turbine power for OPT-217, routine main turbine stop and control valve testing. On 7/15/06, at 0015, completed OPT-217 and commenced uppower ramp to full power. On 7/15/06, at 0305, Unit 1 was stable at 100% reactor, 1205 MWe turbine power. Unit 1 ended the month at 100% reactor, 1206 MWe turbine power.

DOCKET: 445 PREPARER NAME: G.D. Lytle

UNIT\_NME: COMANCHE PEAK 1 PREPARER TELEPHONE: 254-897-5455

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	124,969.75
4. Number of Hours Generator On-line	744.00	5,831.00	124,030.37
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 868,147.00 6,847,714.00 134,068,797.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 began the month at 100% reactor, 1206 MWe turbine power. Unit 1 ended the month at 100% reactor, 1203 MWe turbine power.

DOCKET: 445 PREPARER NAME: G.D. Lytle

UNIT\_NME: COMANCHE PEAK 1 PREPARER TELEPHONE: 254-897-5455

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	125,689.75
4. Number of Hours Generator On-line	720.00	6,551.00	124,750.37
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	842,641.00	7,690,355.00	134,911,438.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 began the month at 100% reactor, 1203 MWe turbine power. On 9/22/06 at 2130, commenced downpower from 100% reactor, 1212 MWe turbine power to 75% reactor, 875 MWe turbine power for OPT-217, Routine Main Turbine Stop and Control Valve Testing. On 9/23/06 at 0200, returned to 100% reactor, 1212 MWe turbine power. Unit 1 ended the month at 100% reactor, 1213 MWe turbine power.

DOCKET: 446 PREPARER NAME: G.L. Lytle

UNIT\_NME: COMANCHE PEAK 2 PREPARER TELEPHONE: 254-897-5455

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	102,706.87
4. Number of Hours Generator On-line	744.00	5,087.00	102,137.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	862,073.00	5,975,276.00	112,294,795.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 began the month at 100% reactor, 1208 MWe turbine power. 7/5/06 at 0539 Unit 2 reduced turbine power 20 MWe to 1184 MWe (gross) to conduct NUC-202, At-Power Moderator Temperature Coefficient Measurement (EOL). 7/05/06 at 1300, Unit 2 completed NUC-202 and was stable at 100% reactor, 1204 MWe turbine power. 7/7/05 at 2109, Unit 2 commenced downpower ramp to 75% reactor reactor, 875 MWe turbine power to conduct OPT-217, routine main turbine stop and control valve testing. 7/8/06 at 0110, Unit 2 completed OPT-217 and commenced uppower ramp to full power. 7/8/06 at 0540, Unit 2 stable at 100% reactor, 1204 MWe turbine power. Unit 2 ended the month at 100% reactor, 1205 MWe turbine power.

DOCKET: 446 PREPARER NAME: G.D. Lytle

UNIT\_NME: COMANCHE PEAK 2 PREPARER TELEPHONE: 254-897-5455

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	103,450.87
4. Number of Hours Generator On-line	744.00	5,831.00	102,881.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
Net Electrical energy Generated (MWHrs)	862,521.00	6,837,797.00	113,157,316.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 began the month at 100% reactor, 1205 MWe turbine power. Unit 2 ended the month at 100% reactor, 1203 MWe turbine power.

DOCKET: 446 PREPARER NAME: G.D. Lytle

UNIT\_NME: COMANCHE PEAK 2 PREPARER TELEPHONE: 254-897-5455

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	104,170.87
4. Number of Hours Generator On-line	720.00	6,551.00	103,601.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	835,934.00	7,673,731.00	113,993,250.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 began the month at 100% reactor, 1203 MWe turbine power. On 9/15/06 at 0730, commenced downpower from 100% reactor, 1207 MWe turbine power to repair 2-LV-2704A, MSR Reheater Drain Tank B2 Normal Drain Valve. On 9/15/06 at 1445, Unit 2 returned to 100% reactor, 1207 MWe turbine power. On 9/27/06 at 1000, Unit 2 commenced fuel coastdown to refueling outage 2RF09. Unit 2 ended the month at 96% reactor, 1165 MWe turbine power.

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

RPT\_PERIOD: 200607

Design Electrical Rating: 1036
 Maximum Dependable Capacity (MWe-Net) 1016

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	706.23	5,049.23	195,550.65
4. Number of Hours Generator On-line	706.23	5,049.23	192,759.75
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	705,510.00	5,203,170.00	181,935,778.40

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
355	7/30/2006	F	37.77	D	1	Unit 1 Tech Spec Shutdown on 7/30/06 due to high containment temperatures.

SUMMARY: Unit 1 Tech Spec Shutdown on 7/30/06 @ 1014 hours due to high containment temperatures caused by unusual sustained elevated lake water temperatures.

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

RPT\_PERIOD: 200608

Design Electrical Rating: 1036
 Maximum Dependable Capacity (MWe-Net) 1016

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	704.52	5,753.75	196,255.17
4. Number of Hours Generator On-line	690.63	5,739.86	193,450.38
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	654,010.00	5,857,180.00	182,589,788.40

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
355	7/30/2006	F	53.37	D	4	Unit 1 Tech Spec Shutdown on 7/30/06 due to high containment temperatures.

SUMMARY: Unit 1 Tech Spec Shutdown on 7/30/06 @ 1014 hours due to high containment temperatures caused by unusual sustained elevated lake water temperatures. Startup data: Rx critical 8/2/06 @ 15:29 hours. Synch to grid 8/3/06 @ 05:22 hours.

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

RPT\_PERIOD: 200609

Design Electrical Rating: 1036
 Maximum Dependable Capacity (MWe-Net) 1016

**This Month** Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 360.02 6,113.77 196,615.19 4. Number of Hours Generator On-line 360.02 6,099.88 193,810.40 0.00 5. Reserve Shutdown Hours 0.00 321.00 6. Net Electrical energy Generated (MWHrs) 241,834.00 6,099,014.00 182,831,622.40

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
356	9/16/2006	S	359.98	С	1	U1C21 Refueling Outage began 9/16/06 @ 0001 hours

SUMMARY: U1C21 Refueling Outage began 9/16/06 @ 0001 hours.

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

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,067.69	168,462.52
4. Number of Hours Generator On-line	744.00	4,059.89	164,426.98
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 791,182.00 4,374,904.00 163,593,854.60

**UNIT SHUTDOWNS** 

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

SUMMARY: None.

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

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,811.69	169,206.52
4. Number of Hours Generator On-line	744.00	4,803.89	165,170.98
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 799,342.00 5,174,246.00 164,393,196.60

**UNIT SHUTDOWNS** 

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

SUMMARY: None.

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

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,531.69	169,926.52
4. Number of Hours Generator On-line	720.00	5,523.89	165,890.98
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 764,752.00 5,938,998.00 165,157,948.60

**UNIT SHUTDOWNS** 

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

SUMMARY: None.

DOCKET:298PREPARER NAME:Rodrick WilsonUNIT\_NME:COOPER 1PREPARER TELEPHONE:402 8255135

RPT\_PERIOD: 200607

Design Electrical Rating: 778
 Maximum Dependable Capacity (MWe-Net) 757

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,988.64	220,156.04
4. Number of Hours Generator On-line	744.00	4,962.83	217,143.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
0 11 (51 (1) 1 0 (1) (1)	500 000 00	0.700.440.00	4.40.007.444.00

6. Net Electrical energy Generated (MWHrs) 560,098.00 3,769,412.00 148,987,111.80

### **UNIT SHUTDOWNS**

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

SUMMARY: No outage information for this reporting period

DOCKET: 298 PREPARER NAME: Reg West
UNIT\_NME: COOPER 1 PREPARER TELEPHONE: 402-825-5434

RPT\_PERIOD: 200608

Design Electrical Rating: 778
 Maximum Dependable Capacity (MWe-Net) 757

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,732.64
 220,900.04

 4. Number of Hours Generator On-line
 744.00
 5,706.83
 217,887.02

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 559,952.00 4,329,364.00 149,547,063.80

**UNIT SHUTDOWNS** 

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

SUMMARY: No information for this reporting period.

DOCKET: 298 PREPARER NAME: Reg West
UNIT\_NME: COOPER 1 PREPARER TELEPHONE: 402-825-5434

RPT\_PERIOD: 200609

Design Electrical Rating: 778
 Maximum Dependable Capacity (MWe-Net) 757

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,452.64
 221,620.04

 4. Number of Hours Generator On-line
 720.00
 6,426.83
 218,607.02

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 529,890.00 4,859,254.00 150,076,953.80

**UNIT SHUTDOWNS** 

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

SUMMARY: No information for this period.

DOCKET: 302 PREPARER NAME: Louis Barbieri

UNIT\_NME: CRYSTAL RIVER 3 3 PREPARER TELEPHONE: (352) 563-2943

RPT\_PERIOD: 200607

Design Electrical Rating: 860
 Maximum Dependable Capacity (MWe-Net) 838

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,740.05	187,175.06
4. Number of Hours Generator On-line	744.00	4,658.52	184,641.86
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 613,749.45 3,940,774.59 145,444,022.45

**UNIT SHUTDOWNS** 

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

SUMMARY: The plant was on-line for the entire month.

DOCKET: 302 PREPARER NAME: Louis Barbieri

UNIT\_NME: CRYSTAL RIVER 3 3 PREPARER TELEPHONE: (352) 563-2943

RPT\_PERIOD: 200608

Design Electrical Rating: 860
 Maximum Dependable Capacity (MWe-Net) 838

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	641.07	5,381.12	187,816.13
4. Number of Hours Generator On-line	633.27	5,291.79	185,275.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	518,623.74	4,459,398.33	145,962,646.19

## **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2006-02	8/19/2006	S	110.73	В	1	The plant was shut down to repair a Feedwater Leak inside containment.

SUMMARY: The plant was shut down to repair a Feedwater Leak inside containment. The plant was on-line for the remiander of the month.

DOCKET: 302 PREPARER NAME: Louis Barbieri

UNIT\_NME: CRYSTAL RIVER 3 3 PREPARER TELEPHONE: (352) 563-2943

RPT\_PERIOD: 200609

Design Electrical Rating: 860
 Maximum Dependable Capacity (MWe-Net) 838

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,101.12	188,536.13
4. Number of Hours Generator On-line	720.00	6,011.79	185,995.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	602,770.80	5,062,169.13	146,565,416.99

### **UNIT SHUTDOWNS**

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

SUMMARY: Power was reduced to approximately 60% on 09/30 due to MCC Breaker/Bus Failure. The power reduction was still in progress at the end of the month.

DOCKET: PREPARER NAME: Glenn Mitchell 346 UNIT\_NME: DAVIS-BESSE 1

PREPARER TELEPHONE: 330-384-5027

RPT\_PERIOD: 200607

1. Design Electrical Rating: 906 2. Maximum Dependable Capacity (MWe-Net) 882

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,868.90	166,484.21
4. Number of Hours Generator On-line	744.00	3,808.95	163,601.79
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	662,730.00	3,307,273.50	135,394,928.50

## **UNIT SHUTDOWNS**

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

SUMMARY: The plant operated at full power for the entire month

DOCKET: 346 PREPARER NAME: Glenn Mitchell UNIT\_NME: **DAVIS-BESSE 1** 

PREPARER TELEPHONE: 330-384-5027

RPT\_PERIOD: 200608

1. Design Electrical Rating: 906 2. Maximum Dependable Capacity (MWe-Net) 882

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,612.90	167,228.21
4. Number of Hours Generator On-line	744.00	4,552.95	164,345.79
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	662,215.00	3,969,488.50	136,057,143.50

### **UNIT SHUTDOWNS**

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

SUMMARY: The plant operated at full power this month except for 1 unplanned downpower. There was a circuit card failure in the Integrated Control System. The automatic downpower was responded to by manual operator actions. The plant was restored to full power following equipment repair.

DOCKET: 346 PREPARER NAME: Glenn Mitchell UNIT\_NME: **DAVIS-BESSE 1** 

PREPARER TELEPHONE: 330-384-5027

RPT\_PERIOD: 200609

1. Design Electrical Rating: 906 2. Maximum Dependable Capacity (MWe-Net) 882

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	680.68	5,293.58	167,908.89
4. Number of Hours Generator On-line	667.22	5,220.17	165,013.01
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	574,727.10	4,544,215.60	136,631,870.60

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
5	9/6/2006	F	52.78	А	2	Reactor Power was reduced from 100% in response to degraded condenser vacuum. The reactor and generator were tripped from 45% power to complete the shutdown. Degraded condenser vacuum was due to a broken turbine waste water and oil drain line.

SUMMARY: Reactor Power was reduced from 100% in response to degraded condenser vacuum. The reactor and generator were tripped from 45% power to complete the shutdown. Degraded condenser vacuum was due to a broken turbine waste water and oil drain line.

A second power reduction to 90% power was required to repair a pin hole leak on the Moisture Seperator Drain line

DOCKET: 275 PREPARER NAME: Larry Parker

UNIT\_NME: DIABLO CANYON 1 PREPARER TELEPHONE: 805-545-3386

RPT\_PERIOD: 200607

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1103
 1103

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	162,929.67
4. Number of Hours Generator On-line	744.00	5,087.00	161,201.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	851,443.00	5,814,818.00	168,163,791.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Diablo Canyon Unit 1 remained in Mode 1 (Power Operation) at approximately 100 percent power during July 2006. There were no significant operational activities.

DOCKET: 275 PREPARER NAME: Larry Parker

UNIT\_NME: DIABLO CANYON 1 PREPARER TELEPHONE: 805-545-3386

RPT\_PERIOD: 200608

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1103
 1103

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	163,673.67
4. Number of Hours Generator On-line	744.00	5,831.00	161,945.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	848,275.00	6,663,093.00	169,012,066.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Diablo Canyon Unit 1 remained in Mode 1 (Power Operation) at approximately 100 percent power during August 2006. There were no significant operational activities.

DOCKET: 275 PREPARER NAME: Larry Parker

UNIT\_NME: DIABLO CANYON 1 PREPARER TELEPHONE: 805-545-3386

RPT\_PERIOD: 200609

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1103
 1103

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	164,393.67
4. Number of Hours Generator On-line	720.00	6,551.00	162,665.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	822,566.00	7,485,659.00	169,834,632.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Diablo Canyon Unit 1 remained in Mode 1 (Power Operation) at approximately 100 percent power during September 2006. There were no significant operational activities.

DOCKET: 323 PREPARER NAME: Larry Parker

UNIT\_NME: DIABLO CANYON 2 PREPARER TELEPHONE: 805-545-3386

RPT\_PERIOD: 200607

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1087

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,181.70	159,257.88
4. Number of Hours Generator On-line	744.00	4,149.75	157,559.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	850,282.00	4,534,946.00	166,411,824.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Diablo Canyon Unit 2 remained in Mode 1 (Power Operation) at approximately 100 percent power during July 2006. There were no significant operational activities.

DOCKET: 323 PREPARER NAME: Larry Parker

UNIT\_NME: DIABLO CANYON 2 PREPARER TELEPHONE: 805-545-3386

RPT\_PERIOD: 200608

1. Design Electrical Rating: 1119

2. Maximum Dependable Capacity (MWe-Net) 1087

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,925.70	160,001.88
4. Number of Hours Generator On-line	744.00	4,893.75	158,303.70
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 844,957.00 5,379,903.00 167,256,781.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Diablo Canyon Unit 2 remained in Mode 1 (Power Operation) during August 2006. On August 31, 2006, with Unit 2 at approximately 100 percent power, Operators initiated a shutdown in response to indications of a reactor coolant system leak in excess of 1 gallon per minute, and to comply with a technical specification action. Operators identified the source of the leak as a failed thimble tube, and terminated the leak by closing the associated isolation valve. The minimum power level reached was approximately 73 percent.

DOCKET: 323 PREPARER NAME: Larry Parker

UNIT\_NME: DIABLO CANYON 2 PREPARER TELEPHONE: 805-545-3386

RPT\_PERIOD: 200609

Design Electrical Rating: 1119
 Maximum Dependable Capacity (MWe-Net) 1087

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,645.70	160,721.88
4. Number of Hours Generator On-line	720.00	5,613.75	159,023.70
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 818,645.00 6,198,548.00 168,075,426.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Diablo Canyon Unit 2 remained in Mode 1 (Power Operation) during September 2006. On September 1, Unit 2 was returned to full power following an August 31 curtailment. On September 16, Operators reduced power to approximately 81 percent power to perform planned surveillance tests of the main turbine control valves. There were no other significant operational activities.

DOCKET: 237 PREPARER NAME: Joseph Reda
UNIT\_NME: DRESDEN 2 PREPARER TELEPHONE: (815) 416-3081

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	704.88	5,047.88	244,681.34
4. Number of Hours Generator On-line	694.58	5,037.58	235,702.48
5. Reserve Shutdown Hours	0.00	0.00	4.00

6. Net Electrical energy Generated (MWHrs) 589,834.00 4,346,516.00 161,559,178.00

#### **UNIT SHUTDOWNS**

		Type F: Forced	Duration		Method of Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments
D2F47	7/4/2006	F	49.42	A	3	Unit 2 1A Main Steam Isolation Valve (MSIV) failed closed. Valve failure is attributed to the failure of an associated pneumatic supply line. Reference Issue Report 506230.

SUMMARY: On July 4, at approximately 0300 hours, Unit 2 experienced an automatic reactor scram due to closure of the 1A Main Steam Isolation Valve from a failure of its pneumatic supply line. The unit returned online at approximately 0500 on July 6 and returned to full power operation at approximately 0500 hours on July 7.

On July 8, at approximately 0200 hours, load was reduced to approximately 88% electrical output to perform a control rod pattern adjustment that was required due to the forced outage. The unit returned to full power operation at approximately 0500 hours.

On July 30, at approximately 0200 hours, load was reduced to approximately 90% electrical output to maintain the plant within environmental limits for river discharge temperature. The unit remained at this power level for the remainder of the month.

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

DOCKET: 237 PREPARER NAME: Joseph Reda
UNIT\_NME: DRESDEN 2 PREPARER TELEPHONE: (815) 416-3081

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,791.88	245,425.34
4. Number of Hours Generator On-line	744.00	5,781.58	236,446.48
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	644,188.00	4,990,704.00	162,203,366.00

### **UNIT SHUTDOWNS**

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

SUMMARY: The unit began the month derated to maintain the plant within environmental limits for river discharge temperature. The unit returned to full power at approximately 1300 on August 1.

On August 28, load was reduced to approximately 96% electrical output on two separate occasions to perform control rod drive maintenance. The unit returned to full power operation at approximately 1700 hours.

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

DOCKET: 237 PREPARER NAME: Joseph Reda
UNIT\_NME: DRESDEN 2 PREPARER TELEPHONE: (815) 416-3081

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,511.88	246,145.34
4. Number of Hours Generator On-line	720.00	6,501.58	237,166.48
5. Reserve Shutdown Hours	0.00	0.00	4.00
C. Not Floatrical anarry Congreted (MM/IIra)	624 265 00	E 611 060 00	162 024 624 00

6. Net Electrical energy Generated (MWHrs) 621,265.00 5,611,969.00 162,824,631.00

### **UNIT SHUTDOWNS**

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

SUMMARY: On September 3, at approximately 0100 hours, load was reduced to approximately 61% electrical output to perform turbine valve testing, control rod drive scram time testing, and a control rod pattern adjustment. The unit returned to full power operation at approximately 0000 hours on September 4.

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

DOCKET: 249 PREPARER NAME: Joseph Reda
UNIT\_NME: DRESDEN 3 PREPARER TELEPHONE: (815) 416-3081

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	232,290.43
4. Number of Hours Generator On-line	744.00	5,087.00	224,080.33
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	642,793.00	4,414,416.00	154,210,991.00

### **UNIT SHUTDOWNS**

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

SUMMARY: On July 22, at approximately 0100 hours, load was reduced to approximately 87% electrical output to perform a control rod pattern adjustment that was required due to the unit approaching the end of its cycle. The unit returned to full power operation at approximately 0500 hours.

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

DOCKET: 249 PREPARER NAME: Joseph Reda
UNIT\_NME: DRESDEN 3 PREPARER TELEPHONE: (815) 416-3081

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	233,034.43
4. Number of Hours Generator On-line	744.00	5,831.00	224,824.33
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	643,226.00	5,057,642.00	154,854,217.00

### **UNIT SHUTDOWNS**

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

SUMMARY: On August 19, at approximately 0100 hours, load was reduced to approximately 87% electrical output to perform a control rod pattern adjustment that was required due to the unit approaching the end of its cycle. The unit returned to full power operation at approximately 0500 hours.

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

DOCKET: 249 PREPARER NAME: Joseph Reda
UNIT\_NME: DRESDEN 3 PREPARER TELEPHONE: (815) 416-3081

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	233,754.43
4. Number of Hours Generator On-line	720.00	6,551.00	225,544.33
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	625,627.00	5,683,269.00	155,479,844.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: On September 10, at approximately 0100 hours, load was reduced to approximately 90% electrical output to perform turbine valve testing and a control rod pattern adjustment. The unit returned to full power operation at approximately 0700 hours.

On September 30, at approximately 0100 hours, load was reduced to approximately 90% electrical output to perform a control rod pattern adjustment due to the unit approaching the end of its fuel cycle. The unit returned to full power operation at approximately 0400 hours. With the exception of short periods for routine maintenance and surveillances, Unit 3 operated at full power for the remainder of the reporting period.

DOCKET: 331 PREPARER NAME: Chet Sullivan

UNIT\_NME: DUANE ARNOLD 1 PREPARER TELEPHONE: 319-851-7212

RPT\_PERIOD: 200607

Design Electrical Rating: 593.8
 Maximum Dependable Capacity (MWe-Net) 581.9

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	744.00	5,087.00	223,326.79	
4. Number of Hours Generator On-line	744.00	5,087.00	218,852.51	
5. Reserve Shutdown Hours	0.00	0.00	192.80	
6. Net Electrical energy Generated (MWHrs)	428,371.76	2,997,762.74	104,427,414.42	

**UNIT SHUTDOWNS** 

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

SUMMARY: Power reduction for rod sequence exchange.

DOCKET: PREPARER NAME: Chet Sullivan 331 UNIT\_NME: DUANE ARNOLD 1

PREPARER TELEPHONE: 319-851-7212

RPT\_PERIOD: 200608

1. Design Electrical Rating: 593.8 2. Maximum Dependable Capacity (MWe-Net) 581.9

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	744.00	5,831.00	224,070.79	
4. Number of Hours Generator On-line	744.00	5,831.00	219,596.51	
5. Reserve Shutdown Hours	0.00	0.00	192.80	
6. Net Electrical energy Generated (MWHrs)	430,873.90	3,428,636.64	104,858,288.32	

## **UNIT SHUTDOWNS**

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

SUMMARY: Plant was at 100% power for entire month.

DOCKET: 331 PREPARER NAME: Chet Sullivan UNIT\_NME: DUANE ARNOLD 1

PREPARER TELEPHONE: 319-851-7212

RPT\_PERIOD: 200609

593.8 1. Design Electrical Rating: 2. Maximum Dependable Capacity (MWe-Net) 581.9

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	224,790.79
4. Number of Hours Generator On-line	720.00	6,551.00	220,316.51
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	406,505.13	3,835,141.77	105,264,793.45

**UNIT SHUTDOWNS** 

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

SUMMARY: Plant reduced power beween 13:46 on 9/23/06 and 07:00 on 9/26/06 due to blown fuse on Recirc MG Set.

DOCKET: 348 PREPARER NAME: Mandy M. Ludlam

UNIT\_NME: FARLEY 1 PREPARER TELEPHONE: 334-794-0800 ext. 2449

RPT\_PERIOD: 200607

1. Design Electrical Rating: 854

2. Maximum Dependable Capacity (MWe-Net) 851

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critica	I 719.70	3,964.72	209,300.98
4. Number of Hours Generator On-line	698.25	3,906.41	206,763.68
5. Reserve Shutdown Hours	0.00	0.00	0.00

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 588,075.00 3,249,447.00 165,252,895.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2	6/30/2006	F	45.75	В	4	At 1545 on June 30, Unit 1 was removed from service and reactor manually shutdown to test/repair a main steam isolation valve. The unit remained offline at the end of June. At 0001 on July 1, Unit 1 remained off line for test/repair of a main steam isolation valve (MSIV). At 2145 on July 2, the unit was connected to the grid and began ramping to 100% power. At 1544 on July 3, the unit was at 100% power.

SUMMARY: At 0001 on July 1, Unit 1 remained off line for test/repair of a main steam isolation valve (MSIV). At 2145 on July 2, the unit was connected to the grid and began ramping to 100% power. At 1544 on July 3, the unit was at 100% power.

DOCKET: 348 PREPARER NAME: Mandy M. Ludlam

UNIT\_NME: FARLEY 1 PREPARER TELEPHONE: 334-899-5156 ext. 2449

RPT\_PERIOD: 200608

1. Design Electrical Rating: 854

2. Maximum Dependable Capacity (MWe-Net) 851

3. Number of Hours the Reactor was Critical

4. Number of Hours Generator On-line

 This Month
 Yr-to-Date
 Cumulative

 744.00
 4,708.72
 210,044.98

 744.00
 4,650.41
 207,507.68

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 634,400.00 3,883,847.00 165,887,295.00

**UNIT SHUTDOWNS** 

Type Method of
F: Forced Duration Shutting Cause - Corrective Action

No. Date S: Scheduled (Hours) Reason 1 Down 2 Comments

DOCKET: 348 PREPARER NAME: Mandy M. Ludlam

UNIT\_NME: FARLEY 1 PREPARER TELEPHONE: 334-899-5156 ext. 2449 RPT\_PERIOD: 200609

Design Electrical Rating: 854
 Maximum Dependable Capacity (MWe-Net) 851

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 5,428.72
 210,764.98

 4. Number of Hours Generator On-line
 720.00
 5,370.41
 208,227.68

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 616,749.00 4,500,596.00 166,504,044.00

**UNIT SHUTDOWNS** 

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

DOCKET: 364 PREPARER NAME: Mandy M. Ludlam

UNIT\_NME: FARLEY 2 PREPARER TELEPHONE: 334-794-0800 ext. 2449 RPT\_PERIOD: 200607

1. Design Electrical Rating: 855

Maximum Dependable Capacity (MWe-Net)
 860

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 5,087.00 192,614.75

4. Number of Hours Generator On-line 744.00 5,087.00 190,520.55

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 639,918.00 4,409,808.00 153,896,143.00

**UNIT SHUTDOWNS** 

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

DOCKET: 364 PREPARER NAME: Mandy M. Ludlam

UNIT\_NME: FARLEY 2 PREPARER TELEPHONE: 334-899-5156 ext. 2449 RPT\_PERIOD: 200608

1. Design Electrical Rating: 855

Maximum Dependable Capacity (MWe-Net)
 Month Yr-to-Date Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,831.00
 193,358.75

 4. Number of Hours Generator On-line
 744.00
 5,831.00
 191,264.55

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 636,440.00 5,046,248.00 154,532,583.00

**UNIT SHUTDOWNS** 

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

DOCKET: 364 PREPARER NAME: Mandy M. Ludlam

UNIT\_NME: FARLEY 2 PREPARER TELEPHONE: 334-899-5156 ext. 2449 RPT\_PERIOD: 200609

1. Design Electrical Rating: 855

Maximum Dependable Capacity (MWe-Net)
 860
 This Month Yr-to-Date Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,551.00
 194,078.75

 4. Number of Hours Generator On-line
 720.00
 6,551.00
 191,984.55

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 621,417.00 5,667,665.00 155,154,000.00

**UNIT SHUTDOWNS** 

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

DOCKET: 341 PREPARER NAME: E. Sorg

UNIT\_NME: FERMI 2 2 PREPARER TELEPHONE: 734.586.4294

RPT\_PERIOD: 200607

1. Design Electrical Rating: 1150

2. Maximum Dependable Capacity (MWe-Net) 1098

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	433.17	3,575.68	127,409.58
4. Number of Hours Generator On-line	369.08	3,435.44	123,167.16
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 305,419.00 3,436,918.00 125,281,208.92

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
PO 06-03	7/8/2006	S	318.75	В	1	Planned shutdown to replace the 2B Main Unit Transformer.
FO 06-04	7/29/2006	F	56.17	Α	3	Actuation of the Transformer #2 differential device 87T-2 resulted in lockout of 120kV bus 101 and subsequent reactor scram.

SUMMARY: The unit operated at ~63% power from 7/1/2006 to 7/8/2006 while preparations were made to replace the failed 2B MUT. On 7/8/2006 at 0830 a normal shutdown was commenced and at 1258 the plant was manually scrammed. The 2B Main Unit Transformer (MUT) was replaced, and on 7/19/2006 at 2317 the reactor achieved criticality. The MTG was synched to the grid on 7/21/2006 at 1943, ending Planned Outage 06-03. The unit completed a normal power ascension to approximately 100% reactor power on 7/22/2006 at 2158. The unit remained at full power until 7/29/2006 at 1550 when a trip of the Transformer #2 87T-2 device caused a lockout of 120kV Bus 101 and subsequent reactor scram. The reactor achieved criticality 7/31/2006 at 0421 following restoration of Bus 101, and the startup continued until the end of the reporting period.

DOCKET: 341 PREPARER NAME: E. Sorg

UNIT\_NME: FERMI 2 2 PREPARER TELEPHONE: 734.586.4294

RPT\_PERIOD: 200608

1. Design Electrical Rating: 1150

2. Maximum Dependable Capacity (MWe-Net) 1098

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,319.68	128,153.58
4. Number of Hours Generator On-line	732.88	4,168.32	123,900.04
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 778,553.00 4,215,471.00 126,059,761.92

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
FO 06-04	7/29/2006	F	11.12	А	4	Actuation of the Transformer #2 differential device 87T-2 resulted in lockout of 120kV bus 101 and subsequent reactor scram.

SUMMARY: From 0000 8/1/2006, the unit continued reactor and plant startup following restoration of 120 kV Bus 101. At 1107 on 8/1/2006 the MTG was synchronized with the Detroit Edison grid ending FO 06-04. Plant startup and power ascension continued, and at 0600 on 8/2/2006 full power was achieved. The unit maintained 100% reactor power for the remainder of the month with the following exceptions:

8/3/2006 0100 to 0620: Planned downpower to 80% for rod pattern adjustment.

8/8/2006 1018 to 8/9/2006 2103: Unplanned downpower to 65% reactor power due to failure of the South RRMG set speed controller.

8/11/2006 0100 to 0334: Planned downpower to 87% for rod pattern adjustment.

8/17/2006 1801 to 1833: Unplanned downpower to 95% for West Bypass Valve repairs.

8/18/2006 0129 to 0216: Planned downpower to 93% for rod pattern adjustment.

8/27/2006 0110 to 0253: Planned downpower to 95% for CRD Operability testing.

DOCKET: 341 PREPARER NAME: K. Burke

UNIT\_NME: FERMI 2 2 PREPARER TELEPHONE: 734-586-5148

RPT\_PERIOD: 200609

1. Design Electrical Rating: 1150

2. Maximum Dependable Capacity (MWe-Net) 1098

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,039.68	128,873.58
4. Number of Hours Generator On-line	720.00	4,888.32	124,620.04

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 795,716.00 5,011,187.00 126,855,477.92

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit operated at full power (excluding minor power changes for surveillance testing) for the entire month with the following exceptions:

<sup>--9/20/2006 2358</sup> to 9/21/2006 0042: Planned downpower to 87% for HCU maintenance and Rod Pattern Adjustment.

<sup>--9/22/2006 2200</sup> to 9/23/2006 0633: Planned downpower to 72% reactor power for Rod Pattern Adjustment and Scram Time Testing.

DOCKET: 333 PREPARER NAME: Mick Baker

UNIT\_NME: FITZPATRICK 1 PREPARER TELEPHONE: 315-349-6181

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	744.00	5,087.00	211,514.31	
4. Number of Hours Generator On-line	744.00	5,087.00	206,048.88	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (MWHrs)	619,587.00	4,266,534.00	155,680,536.00	

#### **UNIT SHUTDOWNS**

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

SUMMARY: The plant commenced a downpower to 87% power on July 6th at 1619 to perform a control rod adjustment. On July 7th at 0350 the plant returned to full power.

The plant commenced a downpower to 71% power on July 16th at 0831 to perform a sequence exchange and returned to full power on July 16th at 14:58.

DOCKET: 333 PREPARER NAME: Mick Baker

UNIT\_NME: FITZPATRICK 1 PREPARER TELEPHONE: 315-349-6181

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	212,258.31
4. Number of Hours Generator On-line	744.00	5,831.00	206,792.88
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	617,150.00	4,883,684.00	156,297,686.00

### **UNIT SHUTDOWNS**

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

SUMMARY: The plant commenced a planned downpower to 95% power for a control rod adjustment on August 3rd at 0410. The plant returned to full power on August 3rd 2006 at 0630. The plant commenced a planned downpower to 80% power on August 11th at 0402 to perform a control rod adjustment. The plant returned to full power on August 11th at 0923. The plant commenced a planned downpower to 75% power for a control rod adjustment on August 24th at 0400. The plant returned to full power on August 24th 2006 at 0908.

DOCKET: 333 PREPARER NAME: Mick Baker

UNIT\_NME: FITZPATRICK 1 PREPARER TELEPHONE: 315-349-6181

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	212,978.31
4. Number of Hours Generator On-line	720.00	6,551.00	207,512.88
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	585,962.00	5,469,646.00	156,883,648.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: During the month of September 2006, thermal power output started to coast down to approximately 91% power as the plant approached the planned refueling outage in October. The plant did not experience any other power reductions during the month of September.

DOCKET: 285 PREPARER NAME: E. Matzke

UNIT\_NME: FORT CALHOUN 1 PREPARER TELEPHONE: 402-533-6855

RPT\_PERIOD: 200607

Design Electrical Rating: 478
 Maximum Dependable Capacity (MWe-Net) 478

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,936.22	234,643.66
4. Number of Hours Generator On-line	744.00	4,923.53	233,229.10
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 349,658.80 2,356,422.80 101,873,463.90

**UNIT SHUTDOWNS** 

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

SUMMARY: Fort Calhoun Station operated at a nominal 100 percent power for the month of July.

DOCKET: 285 PREPARER NAME: E. P. Matzke

UNIT\_NME: FORT CALHOUN 1 PREPARER TELEPHONE: 402-533-6855

RPT\_PERIOD: 200608

Design Electrical Rating: 478
 Maximum Dependable Capacity (MWe-Net) 478

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,680.22	235,387.66
4. Number of Hours Generator On-line	744.00	5,667.53	233,973.10
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	350,176.60	2,706,599.40	102,223,640.50

**UNIT SHUTDOWNS** 

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

SUMMARY: Fort Calhoun Station operated at a nominal 100% power for the month of August 2006.

DOCKET: 285 PREPARER NAME: E. Matzke

UNIT\_NME: FORT CALHOUN 1 PREPARER TELEPHONE: 402-533-6855

RPT\_PERIOD: 200609

Design Electrical Rating: 478
 Maximum Dependable Capacity (MWe-Net) 478

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	212.50	5,892.72	235,600.16
4. Number of Hours Generator On-line	212.50	5,880.03	234,185.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	100,525.10	2,807,124.50	102,324,165.60

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2006-002	9/9/2006	S	507.50	С	1	Reactor shutdown to begin refueling outage as scheduled.

SUMMARY: The plant operated at a nominal 100 percent until September 9, 2006, when the plant was shutdown commencing a refueling outage.

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

RPT\_PERIOD: 200607

2. Maximum Dependable Capacity (MWe-Net)

Design Electrical Rating:
 470

Yr-to-Date Cumulative **This Month** 3. Number of Hours the Reactor was Critical 744.00 5,087.00 269,051.95 4. Number of Hours Generator On-line 744.00 5,087.00 265,774.75 5. Reserve Shutdown Hours 0.00 0.00 8.50 6. Net Electrical energy Generated (MWHrs) 359,642.48 2,521,763.20 122,024,433.10

480

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit operated at full power for the month of July. Average power for the month was 99.9%.

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

RPT\_PERIOD: 200608

Design Electrical Rating: 470
 Maximum Dependable Capacity (MWe-Net) 480

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	269,795.95
4. Number of Hours Generator On-line	744.00	5,831.00	266,518.75
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	358,381.59	2,880,144.79	122,382,814.69

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit operated at full power for the month of August. Average power for the month was 99.9%.

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

RPT\_PERIOD: 200609

Design Electrical Rating: 470
 Maximum Dependable Capacity (MWe-Net) 480

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	270,515.95
4. Number of Hours Generator On-line	720.00	6,551.00	267,238.75
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	354,164.96	3,234,309.75	122,736,979.65

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit operated at full power from the start of the month until September 29, 2006 when end of fuel cycle 32 coastdown began. Power gradually decreased to 97.9% by the end of the month. Average power for the month was 99.9%.

DOCKET: 416 PREPARER NAME: Jason Oliver

UNIT\_NME: GRAND GULF 1 PREPARER TELEPHONE: 601-437-6437

RPT\_PERIOD: 200607

1. Design Electrical Rating: 1279

2. Maximum Dependable Capacity (MWe-Net) 1266

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 4,920.25 166,439.24
4. Number of Hours Generator On-line 744.00 4,897.05 162,536.26
5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 937,732.00 6,151,740.00 189,706,325.00

**UNIT SHUTDOWNS** 

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

SUMMARY:

DOCKET: 416 PREPARER NAME: Jason Oliver

UNIT\_NME: GRAND GULF 1 PREPARER TELEPHONE: 601-437-6437

RPT\_PERIOD: 200608

1. Design Electrical Rating: 1279

2. Maximum Dependable Capacity (MWe-Net) 1266

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 5,664.25 167,183.24
4. Number of Hours Generator On-line 744.00 5,641.05 163,280.26
5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 937,155.00 7,088,895.00 190,643,480.00

**UNIT SHUTDOWNS** 

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

SUMMARY:

DOCKET: 416 PREPARER NAME: Jason Oliver

UNIT\_NME: GRAND GULF 1 PREPARER TELEPHONE: 601-437-6437

RPT\_PERIOD: 200609

1. Design Electrical Rating: 1279

2. Maximum Dependable Capacity (MWe-Net) 1266

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,384.25
 167,903.24

 4. Number of Hours Generator On-line
 720.00
 6,361.05
 164,000.26

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 905,894.00 7,994,789.00 191,549,374.00

**UNIT SHUTDOWNS** 

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

SUMMARY:

DOCKET: 400 PREPARER NAME: David Berens
UNIT\_NME: HARRIS 1 PREPARER TELEPHONE: 919-362-2679

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critica	I 744.00	4,177.26	146,784.55
4. Number of Hours Generator On-line	744.00	4,140.61	145,571.09
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 665,897.00 3,723,790.00 124,462,483.00

**UNIT SHUTDOWNS** 

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

SUMMARY: There were no unit shutdowns during July 2006.

DOCKET: 400 PREPARER NAME: David Berens
UNIT\_NME: HARRIS 1 PREPARER TELEPHONE: 919-362-2679

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,921.26	147,528.55
4. Number of Hours Generator On-line	744.00	4,884.61	146,315.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6 Not Floatrical anarmy Congreted (MIN/I Ira)	665 520 00	4 390 340 00	125 129 002 00

6. Net Electrical energy Generated (MWHrs) 665,520.00 4,389,310.00 125,128,003.00

**UNIT SHUTDOWNS** 

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

SUMMARY: There were no unit shutdowns during August 2006.

DOCKET: 400 PREPARER NAME: David Berens
UNIT\_NME: HARRIS 1 PREPARER TELEPHONE: 919-362-2679

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	663.40	5,584.66	148,191.95
4. Number of Hours Generator On-line	656.17	5,540.78	146,971.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	588,819.00	4,978,129.00	125,716,822.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	9/19/2006	F	63.83	А	3	There was one unit shutdown during September 2006 due to failure of a generator ground fault relay.

SUMMARY: On 9/16/09, failure of a generator ground fault relay caused and automatic turbine trip which subsequently caused an automatic reactor trip.

DOCKET: 321 PREPARER NAME: K. E. Drawdy
UNIT\_NME: HATCH 1 PREPARER TELEPHONE: 912-366-2007

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,031.10	219,222.37
4. Number of Hours Generator On-line	744.00	3,843.39	212,922.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	631,441.00	3,180,739.00	158,748,549.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 began the month of July operating at 100% rated thermal power(RTP)(~2804 CMWt). Shift reduced load to ~883 GMWe(~2692 CMWt) late on July 1 to perform a rod pattern adjustment. Shift ramped load at less than 3% per hour and reached 100% RTP early on July 2. Shift reduced load to ~826 GMWe(~2523 CMWt) on July 7 to perform TSV testing, and subsequently reduced load to ~578 GMWe(~1822 CMWt) to perform a rod sequence exchange, scram time testing, CRD exercises, TCV testing, rod pattern adjustment, and other minor maintenance activities. Shift ramped power at less than 3% per hour after reaching the precondition envelope, and reached ~909 GMWe (<2777 CMWt) early on July 9 with crossflow system out of service. Shift reduced load to ~725 GMWe(~2240 CMWt) later on July 9 to perform a rod pattern adjustment. Shift ramped load at less than 3% per hour and reached maximum power (~920 GMWe; ~2787 CMWt) on July 10 for the current rod pattern. Shift reduced load to ~876 GMWe(~2650 CMWt) to perform a rod pattern adjustment and ramped power to 100% RTP on July 10. Shift reduced load to ~324 GMWe(~1093 CMWt) on July 30 when 1A Recirc pump experienced a runback to 33% speed signal. After completing repairs, shift reached the precondition envelope, then ramped load at less than 3% per hour, and reached the maximum power for the current rod pattern late on July 31. Shift ended the month of July maintaining power at ~901 GMWe (<2777 CMWt) for the current rod pattern.

DOCKET: 321 PREPARER NAME: K. E. Drawdy
UNIT\_NME: HATCH 1 PREPARER TELEPHONE: 912-366-2007

RPT\_PERIOD: 200608

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 876

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,775.10	219,966.37
4. Number of Hours Generator On-line	744.00	4,587.39	213,666.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	629,186.00	3,809,925.00	159,377,735.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 began the month of August maintaining power at ~901 GMWe (<2777 CMWt) for the current rod pattern. Shift reduced load to ~801 GMWe(~2411 CMWt) early on August 2 to perform a rod pattern adjustment. Shift ramped power at less than 3% per hour on August 2 and reached 100% rated thermal power (RTP) early on August 2. Shift reduced load to ~877 GMWe(~2663 CMWt) late on August 3 to perform a rod pattern adjustment and ramped to 100% RTP early on August 3. Shift reduced load to ~816 GMWe(~2518 CMWt) on August 5 to perform CRD exercises and TSV testing, and then ramped unit to 100% RTP early on August 6. Shift reduced load to ~537 GMWe (~1696 CMWt) on August 10 when 1B RFPT speed decreased unexplainably. After completing repairs, shift ramped load at less than 3% per hour to a load of ~912 GMWe (~2770 CMWt) on August 13 for the current rod pattern. Shift reduced load to ~750 GMWe (~2293 CMWt) on August 13 to perform a rod pattern adjustment. Shift ramped power at less than 3% per hour and reached 100% RTP(~2804 CMWt) on August 14. Shift reduced load to ~864 GMWe(~2599 CMWt) on August 14 to perform a rod pattern adjustment and returned unit to 100% RTP early on August 15. Shift continued to operate unit at 100% RTP (~2804 CMWt) for the remainder of month.

DOCKET: 321 PREPARER NAME: K. E. Drawdy
UNIT\_NME: HATCH 1 PREPARER TELEPHONE: 912-366-2007

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,495.10	220,686.37
4. Number of Hours Generator On-line	720.00	5,307.39	214,386.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
C. Not Floatrical arrays Comparet of (MMIII Ira)	627 924 00	4 447 750 00	160 01F F60 00

6. Net Electrical energy Generated (MWHrs) 637,834.00 4,447,759.00 160,015,569.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 began the month of September operating at 100% rated thermal power (RTP)(~2804 CMWt). Shift reduced load to ~820 GMWe(~2523 CMWT) on September 09 to perform CRD exercises, TSV testing, and a rod pattern adjustment. Shift began a 3% per hour power ramp, and then maintained power at ~884 GMWe(~2677 CMWt) to investigate a GEN BUS COOLING alarm, later determined to be caused by a faulty flow switch. Shift continued the power ramp and reached 100% RTP (~2804 CMWT) on September 10. Shift continued to operate unit at 100% RTP (~2804 CMWt) for the remainder of month.

DOCKET: 366 PREPARER NAME: K. E. Drawdy
UNIT\_NME: HATCH 2 PREPARER TELEPHONE: 912-366-2007

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,045.77	196,216.32
4. Number of Hours Generator On-line	744.00	5,021.57	191,708.52
5. Reserve Shutdown Hours	0.00	0.00	0.00
C Not Floatrical anaray Canarated (MM/IIra)	657 124 00	4 202 050 00	146 221 707 00

6. Net Electrical energy Generated (MWHrs) 657,134.00 4,392,950.00 146,221,797.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 began the month of July operating at 100% rated thermal power (~2804 CMWt). Shift reduced load to ~891 GMWe(~2663 CMWt) on July 9 to perform a rod pattern adjustment. Shift ramped power at less than 3% per hour and reached 100% RTP early on July 10. Shift reduced load to ~824 GMWe(~2523 CMWt) on July 16 to perform CRD exercises, TSV testing, and a rod pattern adjustment. Shift ramped power at less than 3% per hour and reached 100% RTP early on July 17. Shift continued to operate the unit at 100% RTP (~2804 CMWt) for the remainder of the month.

DOCKET: 366 PREPARER NAME: K. E. Drawdy
UNIT\_NME: HATCH 2 PREPARER TELEPHONE: 912-366-2007

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,789.77	196,960.32
4. Number of Hours Generator On-line	744.00	5,765.57	192,452.52
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	646,966.00	5,039,916.00	146,868,763.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 began the month of August operating at 100% rated thermal power (RTP) (~2804 CMWt). Shift reduced load to ~823 GMWe (~2523 CMWt) on August 19 to perform TSV testing. Shift then reduced load to ~574 GMWe(~1822 CMWt) to perform a rod sequence exchange, scram time testing, CRD exercises, TCV testing, and other minor maintenance activities. Shift began power ascension late on August 19 and reached maximum operating power of ~896 GMWe (~2767 CMWt) on August 20 for the current rod pattern. Shift reduced load to ~856 GMWe (~2635 CMWt) early on August 21 to perform a rod pattern adjustment. Shift ramped unit at less than 3% per hour and reached 100% rated thermal power early on August 21. Shift reduced load to ~808 GMWe(~2439 CMWt) on August 22 to perform a rod pattern adjustment. Shift returned unit to 100% RTP (~2804 CMWt) on August 22. Shift continued to operate unit at 100% RTP (~2804 CMWt) for the remainder of the month.

DOCKET: 366 PREPARER NAME: K. E. Drawdy
UNIT\_NME: HATCH 2 PREPARER TELEPHONE: 912-366-2007

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,509.77	197,680.32
4. Number of Hours Generator On-line	720.00	6,485.57	193,172.52
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	632,225.00	5,672,141.00	147,500,988.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 began the month of September operating at 100% rated thermal power (RTP)(~2804 CMWt). Shift reduced load to ~826 GMWe (~2523 CMWt) on September 10 to perform CRD exercises, TSV testing, and a rod pattern adjustment. Shift ramped load at less than 3% per hour and reached 100% RTP (~2804 CMWT) on September 11. Shift reduced load to ~864 GMWe(~2607 CMWt) on September 24 to perform a rod pattern adjustment. Shift ramped load at less than 3% per hour and reached 100% RTP(~2804 CMWt) on September 25. Shift reduced load to ~539 GMWe (~1716 CMWt) on September 25 to repair 2B RFPT hydraulic oil leak previously identified on September 19. Shift commenced a power ramp at less than 10% per hour on September 26. After reaching the preconditioning envelope, shift ramped load at less than 3% per hour and reached a maximum power of ~905 GMWe (~2777 CMWt) on September 26 with crossflow system out of service. Shift ramped load at less than 3% per hour and reached 100% RTP early on September 27, after which shift then maintained a maximum power of ~916 GMWe (~2765 CMWt) for the current rod pattern. Shift reduced load to ~839 GMWe (~2467 CMWt) on September 27 to perform a rod pattern adjustment. Shift ramped load at less than 3% per hour and reached 100% RTP early on September 28. Shift reduced load to ~893 GMWe(~2664 CMWt) late on September 28 to perform a rod pattern adjustment. Shift ramped load at less than 3% per hour and reached 100% RTP (~2804 CMWt) for the remainder of the month.

DOCKET: 354 PREPARER NAME: F. Possessky

UNIT\_NME: HOPE CREEK 1 PREPARER TELEPHONE: 856-339-1160

RPT\_PERIOD: 200607

1083 1. Design Electrical Rating:

2. Maximum Dependable Capacity (MWe-Net) 1049

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,467.25	144,544.48
4. Number of Hours Generator On-line	744.00	4,370.15	146,296.10
5. Reserve Shutdown Hours	0.00	0.00	0.00

782,941.00 4,632,256.00 6. Net Electrical energy Generated (MWHrs) 146,105,161.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: The Unit entered and exited the month at approximately 100% power with the following exceptions.

On 07/11 at 1456 degrading condenser vacuum required an unplanned power reduction to 61%. The unit returned to approximately 100% on

The SRVs were not challenged by any overpressurization events or transients that would have required the valves to respond automatically.

DOCKET: 354 PREPARER NAME: F. Possessky

UNIT\_NME: HOPE CREEK 1 PREPARER TELEPHONE: 856-339-1160

RPT\_PERIOD: 200608

Design Electrical Rating: 1083
 Maximum Dependable Capacity (MWe-Net) 1049

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,211.25	145,288.48
4. Number of Hours Generator On-line	744.00	5,114.15	147,040.10
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	769,231.00	5,401,487.00	146,874,392.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: The Unit entered and exited the month at approximately 100% power with the following exceptions.

On 08/04 at 2204 a power supression testing required a planned downpower to 65%. The Unit returned to 100% at 1520 on 08/06.

On 08/07 at 2000 a control rod adjustment required a planned downpower to 90%. The Unit returned to 100% at 2211.

On 08/25 at 1544 a loss of turbine auxiliaries cooling flow (TACS) required an unplanned power reduction to approximately 80%. A further power decrease to 78.2% was required due to speed oscillations occurring on the A & B reactor recirc pumps. The unit returned to 100% on 08/26 at 0455.

On 08/31 at 1718 an increase in main condenser air in leakage required an unplanned power reduction to 84.8%. Main condenser air in leakage was restored to normal and power ascension commenced on 08/31 at 2223.

The SRVs were not challenged by any overpressurization events or transients that would have required the valves to respond automatically.

DOCKET: 354 PREPARER NAME: F. Possessky

UNIT\_NME: HOPE CREEK 1 PREPARER TELEPHONE: 856-339-1160

RPT\_PERIOD: 200609

1. Design Electrical Rating: 1083

2. Maximum Dependable Capacity (MWe-Net) 1049

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,931.25	146,008.48
4. Number of Hours Generator On-line	720.00	5,834.15	147,760.10
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 764,985.00 6,166,472.00 147,639,377.00

### **UNIT SHUTDOWNS**

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

SUMMARY: The Unit entered and exited the month at approximately 100% power with the following exceptions.

On 9/22 at 0200 a control rod maneuver required a planned power reduction to 94%. The Unit returned to 100% power at 0226. On 9/23 at 0703 a deep - shallow rod swap required a planned power reduction to 61%. The Unit returned to 100% on 9/24 at 2115. The SRVs were not challenged by any overpressurization events or transients that would have required the valves to respond automatically.

DOCKET: 286 PREPARER NAME: Mike Tesoriero

UNIT\_NME: INDIAN POINT 3 3 PREPARER TELEPHONE: (914)271-7159

RPT\_PERIOD: 200607

Design Electrical Rating: 1034
 Maximum Dependable Capacity (MWe-Net) 1016

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	702.72	5,045.72	175,967.67
4. Number of Hours Generator On-line	689.37	5,032.37	172,945.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	694,182.00	5,189,822.00	157,619,614.00

#### **UNIT SHUTDOWNS**

		Type F: Forced	Duration		Method of Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments
1	7/6/2006	F	34.80	A	3	Unit Auto Scram caused by "Primary Lockout Relay" 86 device on main trubine generator. This was due to a Current Transformer lead wire and common ground wire wear and abrasion causing a short. CR-IP3- 2006-2071
2	7/21/2006	F	19.83	н	2	Unit Manual Scram due to a scaffold arcing against the "a" phase of the Isophase housing. CR-IP3-2006-2255

SUMMARY: Indian Point 3 was synchronized to the grid for 689.37 hours producing a gross generation of 718,563 MWhrs. The unit began the month at full power. On 7-6 at approximately 0352 hours the unit experienced an auto scram caused by "Primary Lockout Relay" 86 device on main turbine generator. This was due to a Current Transformer lead wire and common ground wire wear and abrasion causing a short. CR-IP3-2006-2071 was written. On 7-7 at approximately 0603 hours the reactor was brought critical and at approximately 1440 hours that same day the unit was synchronized to the grid. Full power was achieved on 7-8 at approximately 0130 hours.

On 7-21 at approximately 1031 hours the unit was manually scrammed due to a scaffold arcing against the "A" phase of the Isophase housing. CR-IP3-2006-2255 was written. On 7-22 at approximately 0137 hours the reactor was brought critical and at approximately 0621 hours that same day the unit was synchronized to the grid. Full power was achieved on 7-22 at approximately 1322 hours.

The unit operated at full power for the remainder of the month.

DOCKET: 286 PREPARER NAME: Mike Tesoriero

UNIT\_NME: INDIAN POINT 3 3 PREPARER TELEPHONE: (914)271-7159

RPT\_PERIOD: 200608

Design Electrical Rating: 1034
 Maximum Dependable Capacity (MWe-Net) 1016

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,789.72	176,711.67
4. Number of Hours Generator On-line	744.00	5,776.37	173,689.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	757,760.00	5,947,582.00	158,377,374.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Indian Point 3 was synchronized to the grid for 744 hours, producing a gross generation of 784,066 MWhrs. The unit operated at full power for the entire month.

DOCKET: 286 PREPARER NAME: Mike Tesoriero

UNIT\_NME: INDIAN POINT 3 3 PREPARER TELEPHONE: (914)271-7159

RPT\_PERIOD: 200609

Design Electrical Rating: 1034
 Maximum Dependable Capacity (MWe-Net) 1016

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,509.72	177,431.67
4. Number of Hours Generator On-line	720.00	6,496.37	174,409.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	741,230.00	6,688,812.00	159,118,604.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Indian Point 3 was synchronized to the grid for a total of 720 hours, producing a gross generation of 766,546 MWhrs. The unit operated at full power for the entire month.

DOCKET: 247 PREPARER NAME: Mike Tesoriero

UNIT\_NME: INDIAN POINT UNIT 2 PREPARER TELEPHONE: (914)271-7159

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,352.96	204,274.06
4. Number of Hours Generator On-line	744.00	4,329.45	200,083.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	750,961.00	4,328,806.00	172,839,276.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Indian Point 2 was synchronized to the grid for 744 hours, producing a gross generation of 776,556 MWhrs. The unit operated at full power for the entire month.

DOCKET: 247 PREPARER NAME: Mike Tesoriero

UNIT\_NME: INDIAN POINT UNIT 2 PREPARER TELEPHONE: (914)271-7159

RPT\_PERIOD: 200608

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	723.25	5,076.21	204,997.31
4. Number of Hours Generator On-line	713.05	5,042.50	200,796.60
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 706,680.00 5,035,486.00 173,545,956.00

#### **UNIT SHUTDOWNS**

Date	Type F: Forced S: Scheduled	Duration		Method of Shutting	Cause - Corrective Action
Date				Shutting	Cause - Corrective Action
Daic		(Hours)	Reason 1	Down 2	Comments
	5. Scheduled	(Hours)	Kcason 1	DOWII 2	Comments
3/2006	F	30.95	A	2	Unplanned Maunal Scram due to the mismatch of Reactor Power to Turbine Load caused by the cycling of HP steam dump valves. LER 2006-003-00
<i>31                                    </i>	000			30.30	

SUMMARY: Indian Point 2 was synchronized to the grid for a total of 713.05 hours, producing a gross generation of 732,186 MWhrs. The unit began the month at full power. On 8-23 at approximately 1035 hours the unit was manually scrammed due to a reactor power to turbine load mismatch caused by cycling of the High Pressure Steam Dump (HPSD) valves during power reduction for a trip of both Heater Drain Tank pumps (HDTP). The HDTPs tripped due to loss of Heater Drain Tank (HDT) level as a result of the failure of the HDT level controller power supply LIC-5003 (CR-IP2-2006-5065). The HPSD cycling was due to a miscalibration of the HPSD lead/lag controller (CR-IP2-2006-5066, 5081). On 8-24 at approximately 0720 hours the reactor was brought critical and at approximately 1732 hours that same day the unit was synchronized to the grid. Full power was achieved on 8-25 at approximately 0531 hours. The unit remained at full power for the remainder of the month.

DOCKET: 247 PREPARER NAME: Mike Tesoriero

UNIT\_NME: INDIAN POINT UNIT 2 PREPARER TELEPHONE: (914)271-7159

RPT\_PERIOD: 200609

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,796.21	205,717.31
4. Number of Hours Generator On-line	720.00	5,762.50	201,516.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6 Not Floatrical anarry Congreted (MM/IIIra)	724 264 00	E 766 950 00	174 277 220 00

6. Net Electrical energy Generated (MWHrs) 731,364.00 5,766,850.00 174,277,320.00

## **UNIT SHUTDOWNS**

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

SUMMARY: Indian Point 2 was synchronized to the grid for a total of 720 hours, producing a gross generation of 756,229 MWhrs. The unit operated at full power for the entire month.

DOCKET: 305 PREPARER NAME: J. A. Gadzinski

UNIT\_NME: KEWAUNEE 1 PREPARER TELEPHONE: 920-388-8776 RPT\_PERIOD: 200607

1. Design Electrical Rating: 574

Maximum Dependable Capacity (MWe-Net)
 556

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,479.90
 238,507.96

 4. Number of Hours Generator On-line
 744.00
 4,439.49
 236,129.71

 5. Reserve Shutdown Hours
 0.00
 0.00
 10.00

6. Net Electrical energy Generated (MWHrs) 422,279.00 2,485,739.00 119,204,111.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit is at 100% steady state power.

DOCKET: 305 PREPARER NAME: J. A. Gadzinski

UNIT\_NME: KEWAUNEE 1 PREPARER TELEPHONE: 920-388-8776

RPT\_PERIOD: 200608

Design Electrical Rating: 574
 Maximum Dependable Capacity (MWe-Net) 556

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,223.90	239,251.96
4. Number of Hours Generator On-line	744.00	5,183.49	236,873.71
5. Reserve Shutdown Hours	0.00	0.00	10.00

6. Net Electrical energy Generated (MWHrs) 416,143.00 2,901,882.00 119,620,254.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit is at 100% steady state power.

DOCKET: 305 PREPARER NAME: J. A. Gadzinski

UNIT\_NME: KEWAUNEE 1 PREPARER TELEPHONE: 920-388-8776

RPT\_PERIOD: 200609

Design Electrical Rating: 574
 Maximum Dependable Capacity (MWe-Net) 556

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	24.68	5,248.58	239,276.64
4. Number of Hours Generator On-line	24.67	5,208.16	236,898.38
5. Reserve Shutdown Hours	0.00	0.00	10.00

6. Net Electrical energy Generated (MWHrs) 11,353.00 2,913,235.00 119,631,607.00

### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
KR28	9/2/2006	S	695.33	С	1	On September 2, 2006 @ 0040, the Unit was shutdown for KR28 Refueling Outage.

SUMMARY: On September 2, 2006 @ 0040 the unit was shutdown for KR28 Refueling Outage.

DOCKET: 373 PREPARER NAME: S. Du Pont
UNIT\_NME: LASALLE 1 PREPARER TELEPHONE: (815) 415-2197

RPT\_PERIOD: 200607

Design Electrical Rating: 1154
 Maximum Dependable Capacity (MWe-Net) 1111

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,476.13	145,701.15
4. Number of Hours Generator On-line	744.00	4,456.77	143,409.62
5. Reserve Shutdown Hours	0.00	0.00	1.00

6. Net Electrical energy Generated (MWHrs) 824,081.00 4,956,169.00 147,101,857.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 operated at or near full power during the month of July without exceptions.

DOCKET: 373 PREPARER NAME: S. Du Pont UNIT\_NME: LASALLE 1 PREPARER TELEPHONE: (815) 415-2197

RPT\_PERIOD: 200608

Design Electrical Rating: 1154
 Maximum Dependable Capacity (MWe-Net) 1111

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,220.13	146,445.15
4. Number of Hours Generator On-line	744.00	5,200.77	144,153.62
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	823,680.00	5,779,849.00	147,925,537.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 operated at or near full power during the month of August without exceptions.

DOCKET: 373 PREPARER NAME: S. Du Pont
UNIT\_NME: LASALLE 1 PREPARER TELEPHONE: (815) 415-2197

RPT\_PERIOD: 200609

Design Electrical Rating: 1154
 Maximum Dependable Capacity (MWe-Net) 1111

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,940.13	147,165.15
4. Number of Hours Generator On-line	720.00	5,920.77	144,873.62
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	803,656.00	6,583,505.00	148,729,193.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 operated at or near full power during the month of September with the following exception: On September 3, 2006, power was reduced to approximately 745 MWe for rod pattern adjustment, sureveillances and scram timing. All activities were successfully completed and the unit was return to full power on September 4, 2006. The unit operated at or near full power for the remainder of the month.

DOCKET: 374 PREPARER NAME: S. Du Pont
UNIT\_NME: LASALLE 2 PREPARER TELEPHONE: (815) 415-2197

RPT\_PERIOD: 200607

Design Electrical Rating: 1154
 Maximum Dependable Capacity (MWe-Net) 1111

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	137,683.77
4. Number of Hours Generator On-line	744.00	5,087.00	136,502.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6 Not Floatrical anarry Congreted (MM/IIIra)	925 059 00	E 922 79E 00	141 609 024 00

6. Net Electrical energy Generated (MWHrs) 835,958.00 5,822,785.00 141,698,924.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit 2 operated at or near full power during the month of July without exceptions.

DOCKET: 374 PREPARER NAME: S. Du Pont
UNIT\_NME: LASALLE 2 PREPARER TELEPHONE: (815) 415-2197

RPT\_PERIOD: 200608

Design Electrical Rating: 1154
 Maximum Dependable Capacity (MWe-Net) 1111

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	138,427.77
4. Number of Hours Generator On-line	744.00	5,831.00	137,246.07
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 836,042.00 6,658,827.00 142,534,966.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit 2 operated at or near full power during the month of August without exceptions.

DOCKET: 374 PREPARER NAME: S. Du Pont
UNIT\_NME: LASALLE 2 PREPARER TELEPHONE: (815) 415-2197

RPT\_PERIOD: 200609

Design Electrical Rating: 1154
 Maximum Dependable Capacity (MWe-Net) 1111

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	139,147.77
4. Number of Hours Generator On-line	720.00	6,551.00	137,966.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	816,579.00	7,475,406.00	143,351,545.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 operated at or near full power during the month of September with the following exception: On September 10, 2006, power was reduced to approximately to 870 MWe for rod pattern adjustment and scram timing. All activities were completed successfully and the unit was returned to full power on the same day. The unit operated at or near full power for the remainder of the month.

DOCKET: 352 PREPARER NAME: Greg J. Lee

UNIT\_NME: LIMERICK 1 PREPARER TELEPHONE: 610-718-3707 RPT\_PERIOD: 200607

1. Design Electrical Rating: 1191 2. Maximum Dependable Capacity (MWe-Net) 1134

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,614.60	160,256.62
4. Number of Hours Generator On-line	744.00	4,552.48	158,122.43
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 840,536.00 5,081,550.00 166,373,840.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 began the month of July 2006 at 99.7% of rated thermal power (RTP). There were no power changes during the month of July.

Unit 1 ended the month of July 2006 at 99.9% RTP.

DOCKET: 352 PREPARER NAME: Greg J. Lee

UNIT\_NME: LIMERICK 1 PREPARER TELEPHONE: 610-718-3707 RPT\_PERIOD: 200608

Design Electrical Rating: 1191
 Maximum Dependable Capacity (MWe-Net) 1134

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,358.60	161,000.62
4. Number of Hours Generator On-line	744.00	5,296.48	158,866.43
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 842,999.00 5,924,549.00 167,216,839.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 began the month of August 2006 at 99.9% of rated thermal power (RTP).

On August 3rd at 1304 hours, reactor power was reduced from 99.7% to 97.1% RTP for high condensate temperature due to high ambient temperatures. At 2126 hours, reactor power was restored to 99.6% RTP.

Unit 1 ended the month of August 2006 at 99.8% RTP.

DOCKET: 352 PREPARER NAME: Greg J. Lee LIMERICK 1 UNIT\_NME:

PREPARER TELEPHONE: 610-718-3707

RPT\_PERIOD: 200609

1191 1. Design Electrical Rating: 2. Maximum Dependable Capacity (MWe-Net) 1134

**This Month** Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 720.00 6,078.60 161,720.62 4. Number of Hours Generator On-line 720.00 6,016.48 159,586.43 5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 819,558.00 6,744,107.00 168,036,397.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 began the month of September 2006 at 99.8% of rated thermal power (RTP).

On September 2nd at 0132 hours, reactor power was reduced from 99.8% to 62.4% RTP for the post summer readiness load drop. At 2214 hours, reactor power was restored to 99.8% RTP.

Unit 1 ended the month of September 2006 at 99.7% RTP.

DOCKET: 353 PREPARER NAME: Greg J. Lee

UNIT\_NME: LIMERICK 2 PREPARER TELEPHONE: 610-718-3707

RPT\_PERIOD: 200607

1. Design Electrical Rating: 1191 2. Maximum Dependable Capacity (MWe-Net) 1134

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,050.53	136,447.61
4. Number of Hours Generator On-line	744.00	5,037.13	134,544.68
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 839,437.00 5,778,256.00 145,876,301.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 began the month of July 2006 at 100.0% of rated thermal power (RTP). There were no power changes during the month of July.
Unit 2 ended the month of July 2006 at 100.0% RTP.

DOCKET: 353 PREPARER NAME: Greg J. Lee

UNIT\_NME: LIMERICK 2 PREPARER TELEPHONE: 610-718-3707

RPT\_PERIOD: 200608

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1134

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,794.53	137,191.61
4. Number of Hours Generator On-line	744.00	5,781.13	135,288.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	842,157.00	6,620,413.00	146,718,458.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 began the month of August 2006 at 100.0% of rated thermal power (RTP).

On August 1st at 1514 hours, reactor power was reduced from 99.9% to 98.0% RTP for high condensate temperature due to high ambient temperatures.

On August 2nd at 0004 hours, reactor power was restored to 99.9% RTP.

On August 3rd at 1453 hours, reactor power was reduced from 99.9% to 97.9% RTP for high condensate temperature due to high ambient temperatures. At 2206 hours, reactor power was restored to 99.8% RTP.

Unit 2 ended the month of August 2006 at 100.0% RTP.

DOCKET: 353 PREPARER NAME: Greg J. Lee

UNIT\_NME: LIMERICK 2 PREPARER TELEPHONE: 610-718-3707

RPT\_PERIOD: 200609

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1134

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,514.53	137,911.61
4. Number of Hours Generator On-line	720.00	6,501.13	136,008.68
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 821,092.00 7,441,505.00 147,539,550.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 began the month of September 2006 at 100.0% of rated thermal power (RTP).

On September 8th at 2203 hours, reactor power was reduced from 99.8% to 61.8% RTP for the post summer readiness load drop.

On September 9th at 1502 hours, reactor power was restored to 99.7% RTP.

On September 17th at 2203 hours, reactor power was reduced from 99.9% to 84.6% RTP for a rod pattern adjustment.

On September 18th at 0059 hours, reactor power was restored to 99.5% RTP.

Unit 2 ended the month of September 2006 at 99.9% RTP.

DOCKET: 369 PREPARER NAME: Kay Crane
UNIT\_NME: MCGUIRE 1 PREPARER TELEPHONE: (704) 875-4306

RPT\_PERIOD: 200607

Design Electrical Rating: 1180
 Maximum Dependable Capacity (MWe-Net) 1100

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	172,217.29
4. Number of Hours Generator On-line	744.00	5,087.00	170,857.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	827,075.00	5,803,219.00	183,838,632.00

## **UNIT SHUTDOWNS**

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

DOCKET: 369 PREPARER NAME: Kay Crane
UNIT\_NME: MCGUIRE 1 PREPARER TELEPHONE: (704) 875-43

UNIT\_NME: MCGUIRE 1 PREPARER TELEPHONE: (704) 875-4306 RPT\_PERIOD: 200608

Design Electrical Rating: 1180
 Maximum Dependable Capacity (MWe-Net) 1100

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	172,961.29
4. Number of Hours Generator On-line	744.00	5,831.00	171,601.50
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 829,710.00 6,632,929.00 184,668,342.00

**UNIT SHUTDOWNS** 

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

DOCKET: PREPARER NAME: Kay Crane 369 UNIT\_NME: MCGUIRE 1

RPT\_PERIOD: 200609 PREPARER TELEPHONE: (704) 875-4306

1. Design Electrical Rating: 1180 2. Maximum Dependable Capacity (MWe-Net) 1100

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	173,681.29
4. Number of Hours Generator On-line	720.00	6,551.00	172,321.50
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 803,478.00 7,436,407.00 185,471,820.00

**UNIT SHUTDOWNS** 

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

DOCKET: 370 PREPARER NAME: Kay Crane
UNIT\_NME: MCGUIRE 2
PREPARER TELEPHONE: (704) 875-431

UNIT\_NME: MCGUIRE 2 PREPARER TELEPHONE: (704) 875-4306 RPT\_PERIOD: 200607

Design Electrical Rating: 1180
 Maximum Dependable Capacity (MWe-Net) 1100

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 165,342.53

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 164,019.76

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 834,300.00 5,846,098.00 181,796,296.00

**UNIT SHUTDOWNS** 

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

DOCKET: 370 PREPARER NAME: Kay Crane MCGUIRE 2 UNIT\_NME:

PREPARER TELEPHONE: (704) 875-4306

RPT\_PERIOD: 200608

1180 1. Design Electrical Rating:

2. Maximum Dependable Capacity (MWe-Net) 1100 **This Month** 

Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 744.00 5,831.00 166,086.53 4. Number of Hours Generator On-line 744.00 5,831.00 164,763.76 0.00 5. Reserve Shutdown Hours 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 829,692.00 6,675,790.00 182,625,988.00

**UNIT SHUTDOWNS** 

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

DOCKET: 370 PREPARER NAME: Kay Crane

UNIT\_NME: MCGUIRE 2 PREPARER TELEPHONE: (704) 875-4306

RPT\_PERIOD: 200609

1. Design Electrical Rating: 1180

2. Maximum Dependable Capacity (MWe-Net) 1100

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	367.03	6,198.03	166,453.56
4. Number of Hours Generator On-line	367.03	6,198.03	165,130.79

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 403,485.00 7,079,275.00 183,029,473.00

#### **UNIT SHUTDOWNS**

		Type F: Forced	Duration		Method of Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments
1	9/16/2006	S	352.97	С	1	The unit was shutdown on 9/16/2006 at 07:02 for the 2EOC17 scheduled refueling outage.

SUMMARY: Unit 2 began a planned power reduction on 9/15/06 at 2207 in preparation for the 2EOC17 refueling outage. Both generator breakers were opened following a planned manual reactor trip from approximately 15% power, per the shutdown procedure, on 9/16/06 at 0702 to enter the refueling outage. The unit is scheduled to return to power in October 2006.

DOCKET: 336 PREPARER NAME: S. Claffey

UNIT\_NME: MILLSTONE 2 PREPARER TELEPHONE: 860-447-1791 x2456

RPT\_PERIOD: 200607

Design Electrical Rating: 883.5
 Maximum Dependable Capacity (MWe-Net) 877.7

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 4,879.40 179,446.70
4. Number of Hours Generator On-line 744.00 4,822.73 173,548.60

5. Reserve Shutdown Hours 0.00 0.00 468.20

6. Net Electrical energy Generated (MWHrs) 653,039.40 4,232,330.70 143,548,962.40

**UNIT SHUTDOWNS** 

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

SUMMARY: Millstone Unit 2 operated at or near 100% power for the entire month of July 2006.

DOCKET: 336 PREPARER NAME: S. Claffey

UNIT\_NME: MILLSTONE 2 PREPARER TELEPHONE: 860-447-1791 x2456

RPT\_PERIOD: 200608

1. Design Electrical Rating: 883.5

2. Maximum Dependable Capacity (MWe-Net) 877.7

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,623.40	180,190.70
4. Number of Hours Generator On-line	744.00	5,566.73	174,292.60
5. Reserve Shutdown Hours	0.00	0.00	468.20

6. Net Electrical energy Generated (MWHrs) 651,970.10 4,884,300.80 144,200,932.50

**UNIT SHUTDOWNS** 

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

SUMMARY: Millstone Unit 2 operated at or near 100% power for the entire month of August 2006.

DOCKET: 336 PREPARER NAME: K. Cook

UNIT\_NME: MILLSTONE 2 PREPARER TELEPHONE: 860-447-1791x6572

RPT\_PERIOD: 200609

Design Electrical Rating: 883.5
 Maximum Dependable Capacity (MWe-Net) 877.7

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 720.00 6,343.40 180,910.70

 3. Number of Hours the Reactor was Critical
 720.00
 6,343.40
 180,910.70

 4. Number of Hours Generator On-line
 720.00
 6,286.73
 175,012.60

 5. Reserve Shutdown Hours
 0.00
 0.00
 468.20

6. Net Electrical energy Generated (MWHrs) 631,430.70 5,515,731.50 144,832,363.20

**UNIT SHUTDOWNS** 

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

SUMMARY: Millstone Unit 2 operated at or near 100% power for the entire month of September 2006.

DOCKET: 423 PREPARER NAME: K. Cook

UNIT\_NME: MILLSTONE 3 PREPARER TELEPHONE: 860-447-1791 x6572

RPT\_PERIOD: 200607

Design Electrical Rating: 1156.5
 Maximum Dependable Capacity (MWe-Net) 1148

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	131,892.25
4. Number of Hours Generator On-line	744.00	5,087.00	130,045.56
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 853,082.60 5,901,611.70 143,499,504.60

**UNIT SHUTDOWNS** 

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

SUMMARY: Millstone Unit 3 operated at or near 100% power for the entire month of July 2006.

DOCKET: 423 PREPARER NAME: K. Cook

UNIT\_NME: MILLSTONE 3 PREPARER TELEPHONE: 860-447-1791 X6572

RPT\_PERIOD: 200608

Design Electrical Rating: 1156.5
 Maximum Dependable Capacity (MWe-Net) 1148

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	132,636.25
4. Number of Hours Generator On-line	744.00	5,831.00	130,789.56
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 850,081.00 6,751,692.70 144,349,585.60

**UNIT SHUTDOWNS** 

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

SUMMARY: Millstone Unit 3 operated at or near 100% power for the entire month of August 2006.

DOCKET: 423 PREPARER NAME: K. Cook

UNIT\_NME: MILLSTONE 3 PREPARER TELEPHONE: 860-447-1791x6572

RPT\_PERIOD: 200609

Design Electrical Rating: 1156.5
 Maximum Dependable Capacity (MWe-Net) 1148

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	133,356.25
4. Number of Hours Generator On-line	720.00	6,551.00	131,509.56
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 826,040.90 7,577,733.60 145,175,626.50

**UNIT SHUTDOWNS** 

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

SUMMARY: Millstone Unit 3 operated at or near 100% power for the entire month of September 2006.

DOCKET: 263 PREPARER NAME: Jody Helland

UNIT\_NME: MONTICELLO 1 PREPARER TELEPHONE: 763-295-1333

RPT\_PERIOD: 200607

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 578.1

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	258,557.47
4. Number of Hours Generator On-line	744.00	5,087.00	254,992.03
5. Reserve Shutdown Hours	0.00	0.00	0.00
C. Not Floatrical angur. Consusted (MANILLA)	444 722 00	2 0 4 2 2 4 2 0 0	122 240 447 20

6. Net Electrical energy Generated (MWHrs) 411,732.00 2,942,313.00 133,210,117.30

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit operated continuously with the exception of the following notable thermal power reduction: 3 loaddrops due to environmental limitations (river and discharge canal temperatures approached limits). The first loaddrop had a minimum power of ~85 % and a duration of 11 hours 05 minutes on the 29th. The second loaddrop had a minimum power of ~82 % and a duration of 12 hours 19 minutes on the 30th. The third loaddrop had a minimum power of ~67 % and a duration of 19 hours 28 minutes on the 31st.

DOCKET: 263 PREPARER NAME: Jody Helland

UNIT\_NME: MONTICELLO 1 PREPARER TELEPHONE: 763-295-1333

RPT\_PERIOD: 200608

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 578.1

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	259,301.47
4. Number of Hours Generator On-line	744.00	5,831.00	255,736.03
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	419,876.00	3,362,189.00	133,629,993.30

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit operated continuously with the exception of the following notable thermal power reductions: 1 load drop/rod pattern adjustment due to environmental limitations (river and discharge canal temperatures approached limits) and another rod pattern adjustment. The first loaddrop had a minimum power of ~95 % and a duration of 12 hours 03 minutes on the 1st. The second loaddrop had a minimum power of ~90 % and a duration of 7 hours 36 minutes on the 19th.

DOCKET: 263 PREPARER NAME: Jody Helland

UNIT\_NME: MONTICELLO 1 PREPARER TELEPHONE: 763-295-1333

RPT\_PERIOD: 200609

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 578.1

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	260,021.47
4. Number of Hours Generator On-line	720.00	6,551.00	256,456.03
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	414,853.00	3,777,042.00	134,044,846.30

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit operated continuously with the exception of the following notable thermal power reductions: 2 rod pattern adjustments (1 with turbine valve testing). The first loaddrop had a minimum power of ~90% adn a duration of 3 hours 34 minutes on the 9th. The second load drop had a minimum power of ~73% and a duration of 21 hours 08 minutes on the 23rd/24th.

DOCKET: 220 PREPARER NAME: Bruce L Eastman

UNIT\_NME: NINE MILE POINT 1 PREPARER TELEPHONE: 315-349-2559

RPT\_PERIOD: 200607

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 565

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,050.83	234,018.62
4. Number of Hours Generator On-line	744.00	5,040.82	229,207.32
5. Reserve Shutdown Hours	0.00	0.00	20.40
	.=		

6. Net Electrical energy Generated (MWHrs) 450,934.00 3,089,006.00 128,963,759.00

**UNIT SHUTDOWNS** 

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

SUMMARY: The unit operated the month of July 2006 with a Net Electric Design capacity factor of 98.8 percent.

DOCKET: 220 PREPARER NAME: Gerald Munyan

UNIT\_NME: NINE MILE POINT 1 PREPARER TELEPHONE: 315-349-4218

RPT\_PERIOD: 200608

Design Electrical Rating: 613
 Maximum Dependable Capacity (MWe-Net) 565

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,794.83	234,762.62
4. Number of Hours Generator On-line	744.00	5,784.82	229,951.32
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	446,149.40	3,535,155.40	129,409,908.40

#### **UNIT SHUTDOWNS**

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

SUMMARY: Nine Mile Point Unit One operated with a capacity factor (MDC) of 106.1% for the month of Aug 2006

DOCKET: 220 PREPARER NAME: Gerald Munyan

UNIT\_NME: NINE MILE POINT 1 PREPARER TELEPHONE: 3153494218

RPT\_PERIOD: 200609

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 565

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,514.83	235,482.62
4. Number of Hours Generator On-line	720.00	6,504.82	230,671.32
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	443,162.90	3,978,318.30	129,853,071.30

#### **UNIT SHUTDOWNS**

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

SUMMARY: Nine Mile Point Unit One operated with a capacity factor (MDC) of 108.9% for the month of September 2006. On 9/2/06 at 00:08, Operations commenced a downpower to approximately 85% power for power suppression of previously identified leaker. Power was returned to 100% at 0732 of 9/2/06.

DOCKET: 410 PREPARER NAME: G.R.Munyan

UNIT\_NME: NINE MILE POINT 2 PREPARER TELEPHONE: 3153494218

RPT\_PERIOD: 200607

Design Electrical Rating: 1143.3
 Maximum Dependable Capacity (MWe-Net) 1119.8

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,466.22	132,316.94
4. Number of Hours Generator On-line	744.00	4,427.94	129,281.76
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 832,956.98 4,895,973.95 137,543,181.15

**UNIT SHUTDOWNS** 

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

SUMMARY: Nine Mile Point Unit Two operated with a capacity factor (MDC) of 99.98% for the month of July 2006.

DOCKET: 410 PREPARER NAME: GeraldMunyan

UNIT\_NME: NINE MILE POINT 2 PREPARER TELEPHONE: 3153494218

RPT\_PERIOD: 200608

Design Electrical Rating: 1143.3
 Maximum Dependable Capacity (MWe-Net) 1119.8

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,210.22	133,060.94
4. Number of Hours Generator On-line	744.00	5,171.94	130,025.76
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	838,076.21	5,734,050.16	138,381,257.36

**UNIT SHUTDOWNS** 

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

SUMMARY: Nine Mile Point Unit Two operated with a capacity factor (MDC) of 100.6% for the month of Aug 2006.

DOCKET: 410 PREPARER NAME: Gerald Munyan

UNIT\_NME: NINE MILE POINT 2 PREPARER TELEPHONE: 3153494218

RPT\_PERIOD: 200609

Design Electrical Rating: 1143.3
 Maximum Dependable Capacity (MWe-Net) 1119.8

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,930.22	133,780.94
4. Number of Hours Generator On-line	720.00	5,891.94	130,745.76
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	815,125.04	6,549,175.20	139,196,382.40

#### **UNIT SHUTDOWNS**

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

SUMMARY: Nine Mile Point Unit Two operated with a capacity factor (MDC) of 101.1% for the month of September 2006. On 9/2/06 at 12:34,Operations commenced a downpower to approximately 83% power due to rod drift of rod 34-23. Power was returned to 100% at 1625 of 9/2/06. 9/3/06 at 00:57,Operations commenced a downpower to approximately 85% power to recover rod 34-23. Power was returned to 100% at 0305 of 9/3/06. On 9/23/06 at 08:00,Operations commenced a downpower to approximately 70% power for rod sequence exchange. Power was returned to 100% at 2245 of 9/23/06.

DOCKET: 338 PREPARER NAME: W.C.Beasley

UNIT\_NME: NORTH ANNA 1 PREPARER TELEPHONE: 540-894-2520

RPT\_PERIOD: 200607

Design Electrical Rating: 907
 Maximum Dependable Capacity (MWe-Net) 924

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,347.47
 203,475.33

 4. Number of Hours Generator On-line
 744.00
 4,307.70
 200,066.84

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 685,961.68 3,861,239.57 172,875,264.29

**UNIT SHUTDOWNS** 

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

SUMMARY: Began the Month in Mode 1, 100% Power, 975 MWe. Ended the Month in Mode 1, 100% Power, 970 MWe.

DOCKET: 338 PREPARER NAME: W.C.Beasley

UNIT\_NME: NORTH ANNA 1 PREPARER TELEPHONE: 540-894-2520

RPT\_PERIOD: 200608

Design Electrical Rating: 907
 Maximum Dependable Capacity (MWe-Net) 924

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,091.47	204,219.33
4. Number of Hours Generator On-line	744.00	5,051.70	200,810.84
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 684,544.46 4,545,784.03 173,559,808.75

#### **UNIT SHUTDOWNS**

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

SUMMARY: Began the Month in Mode 1, 100% power, 970 MWe. Ended the Month in Mode 1, 100% power, 976 MWe.

DOCKET: 338 PREPARER NAME: W.C.Beasley

UNIT\_NME: NORTH ANNA 1 PREPARER TELEPHONE: 540-894-2520

RPT\_PERIOD: 200609

Design Electrical Rating: 907
 Maximum Dependable Capacity (MWe-Net) 924

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,811.47	204,939.33
4. Number of Hours Generator On-line	720.00	5,771.70	201,530.84
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 667,128.15 5,212,912.18 174,226,936.90

#### **UNIT SHUTDOWNS**

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

SUMMARY: Began the Month in mode 1, 100% power, 976 MWe. Ended the Month in mode 1, 100% power, 979 MWe.

DOCKET: 339 PREPARER NAME: W.C.Beasley

UNIT\_NME: NORTH ANNA 2 PREPARER TELEPHONE: 540-894-2520

RPT\_PERIOD: 200607

Design Electrical Rating: 907
 Maximum Dependable Capacity (MWe-Net) 910

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	192,716.12
4. Number of Hours Generator On-line	744.00	5,087.00	191,267.32
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 672,662.96 4,637,477.93 166,885,479.72

#### **UNIT SHUTDOWNS**

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

SUMMARY: Began the Month in Mode 1, 100% Power, 962 MWe. Ended the Month in Mode 1, 100% Power, 953 MWe.

DOCKET: 339 PREPARER NAME: W.C.Beasley

UNIT\_NME: NORTH ANNA 2 PREPARER TELEPHONE: 540-894-2520

RPT\_PERIOD: 200608

Design Electrical Rating: 907
 Maximum Dependable Capacity (MWe-Net) 910

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	193,460.12
4. Number of Hours Generator On-line	744.00	5,831.00	192,011.32
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 671,296.48 5,308,774.41 167,556,776.20

**UNIT SHUTDOWNS** 

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

SUMMARY: Began the Month in Mode 1, 100% power, 953 MWe. Ended the Month in Mode 1, 100% power, 958 MWe.

DOCKET: 339 PREPARER NAME: W.C.Beasley

UNIT\_NME: NORTH ANNA 2 PREPARER TELEPHONE: 540-894-2520

RPT\_PERIOD: 200609

Design Electrical Rating: 907
 Maximum Dependable Capacity (MWe-Net) 910

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	194,180.12
4. Number of Hours Generator On-line	720.00	6,551.00	192,731.32
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 655,383.24 5,964,157.65 168,212,159.44

#### **UNIT SHUTDOWNS**

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

SUMMARY: Began the Month in mode 1, 100% power, 958 MWe. @ 0100 on 9-16-6 commenced rampdown to perform Turbine Valve Freedom Test (2-PT-34.3). @ 0150 on 9-16-6 92% power 891 MWe. @ 0400 on 9-16-6 2-PT-34.3 complete Sat, commencing power increase to 100%. @ 0700 on 9-16-6 unit @ 100% power. Ended the Month in mode 1, 100% power, 965 MWe.

DOCKET: 269 PREPARER NAME: Judy Smith
UNIT\_NME: OCONEE 1 PREPARER TELEPHONE: 864-885-4309

RPT\_PERIOD: 200607

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Cr	ritical 744.00	4,931.28	231,413.55
4. Number of Hours Generator On-line	744.00	4,918.75	227,695.94
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 633,153.00 4,215,107.00 186,334,341.00

**UNIT SHUTDOWNS** 

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

DOCKET: 269 PREPARER NAME: Judy Smith
UNIT\_NME: OCONEE 1 PREPARER TELEPHONE: 864-885-4309

RPT\_PERIOD: 200608

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,675.28	232,157.55
4. Number of Hours Generator On-line	744.00	5,662.75	228,439.94
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 626,066.00 4,841,173.00 186,960,407.00

**UNIT SHUTDOWNS** 

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

DOCKET: 269 PREPARER NAME: Judy Smith
UNIT\_NME: OCONEE 1 PREPARER TELEPHONE: 864-885-4309

RPT\_PERIOD: 200609

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,395.28	232,877.55
4. Number of Hours Generator On-line	720.00	6,382.75	229,159.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
0 11 (51 (1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	500 700 00	F 407 000 00	407 557 400 00

6. Net Electrical energy Generated (MWHrs) 596,726.00 5,437,899.00 187,557,133.00

## **UNIT SHUTDOWNS**

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

DOCKET: 270 PREPARER NAME: Judy Smith
UNIT\_NME: OCONEE 2 PREPARER TELEPHONE: 864-885-4309

RPT\_PERIOD: 200607

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	744.00	4,975.28	229,446.65	
4. Number of Hours Generator On-line	744.00	4,968.97	226,696.91	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (MWHrs)	644,052.00	4,336,760.00	184,980,237.00	

**UNIT SHUTDOWNS** 

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

DOCKET: 270 PREPARER NAME: Judy Smith
UNIT\_NME: OCONEE 2 PREPARER TELEPHONE: 864-885-4309

RPT\_PERIOD: 200608

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,719.28	230,190.65
4. Number of Hours Generator On-line	744.00	5,712.97	227,440.91
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 636,307.00 4,973,067.00 185,616,544.00

**UNIT SHUTDOWNS** 

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

PREPARER TELEPHONE: 864-885-4309

DOCKET: 270 PREPARER NAME: Judy Smith UNIT\_NME: OCONEE 2

RPT PERIOD: 200609

886 1. Design Electrical Rating: 2. Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,439.28	230,910.65
4. Number of Hours Generator On-line	631.83	6,344.80	228,072.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	502,145.00	5,475,212.00	186,118,689.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2	9/1/2006	S	88.17	А	5	This was a planned shutdown to ivestigate increasing Turbine Oil Temperature.

#### SUMMARY: Summary

Oconee Unit 2 initiated a power reduction from 100% Full Power (FP) per OP/2/A/1002/004 (Operations at Power) due to increasing Turbine Lube Oil Temperature at 17:56 on 09/01/06. Reactor Power decrease stopped at 47% FP per OP/2/A/1002/004 to adjust steam seal header pressure at 20:12. Reactor Power decrease started from 47% FP per OP/2/A/1002/004 at 20:16. Power decrease stopped at 18% per OP/2/A/1002/004 in order to place the Unit 2 Turbine offline at 21:30. Power was also held at 18% while work was performed on the Unit 2 Turbine Oil Coolers. Unit 2 Turbine tripped per OP/2/A/1106/001 (Turbine Generator) at 21:59. On 09/05/06 at 05:34, Unit 2 experienced a power oscillation from 18% to 21% (As indicated by Power Range Nuclear Instrumentation) due to Turbine Bypass Valve 2MS-19 failing OPEN. Power was stabilized at 17% FP so that the failure could be evaluated. Reactor Power increase started from 17% FP per OP/2/A/1102/001 (Controlling Procedure for Unit Startup) at 11:38. Reactor Power increase stopped at 19% FP per OP/2/A/1102/001 in order to place the Unit 2 Turbine Generator online at 11:51. The Unit 2 Generator is placed online per OP/2/A/1106/001 at 14:09. Reactor Power increase started from 19% FP per OP/2/A/1102/001 at 15:40. Reactor Power increase stopped at 30% FP due to 2LPE-10 (Heater Drain Inlet Valve) failing to OPEN while performing OP/2/A/1106/023 (High and Low Pressure Extraction) at 17:37. Reactor Power increase started from 30% FP per OP/2/A/1102/004 at 22:02. Reactor Power increase stopped at 55% FP per OP/2/A/1102/004 to investigate low Hydraulic Oil Pressure found on 2B Feedwater Pump Auxiliary Oil Pump (2B FDW AOP) on 09/06/06 at 00:06. Reactor Power increase started from 55% FP per OP/2/A/1102/004 after 2B FWPT was reset on 09/08/06 at 11:47. Reactor Power stopped at 89.9% FP to mitigate a high Excore Imbalance at 15:29. Reactor Power increase started from 89.9% FP per OP/2/A/1102/004 at 15:48. Reactor Power increase stopped at 99.48% FP as a hold point for Operations to perform shift turnover at 18:52. Reactor Power increase started from 99.48% FP per OP/2/A/1102/004 at 21:20.

Reactor Power increase stopped at 100% Core Thermal Power per OP/2/A/1102/004 at 23:35.

DOCKET: 287 PREPARER NAME: Judy Smith
UNIT\_NME: OCONEE 3 PREPARER TELEPHONE: 864-885-4309

RPT\_PERIOD: 200607

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,285.34	222,129.45
4. Number of Hours Generator On-line	744.00	4,186.85	219,157.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	645,488.00	3,619,127.00	181,817,842.00

**UNIT SHUTDOWNS** 

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

SUMMARY:

DOCKET: 287 PREPARER NAME: Judy Smith
UNIT\_NME: OCONEE 3 PREPARER TELEPHONE: 864-885-4309

RPT\_PERIOD: 200608

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 846

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	705.08	4,990.42	222,834.53
4. Number of Hours Generator On-line	689.92	4,876.77	219,847.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	551,639.00	4,170,766.00	182,369,481.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
3	8/18/2006	F	54.08	А	1	Reactor Power was reduced to 55% as a result of an automatic runback due to a dropped control rod on Control Rod Group 6 Rod 6. The decision was made to shutdown Unit 3 in order to investigate the dropped rod.

SUMMARY: Brief Summary

Reactor Power was reduced to 55%FP on 8/17/06 as a result of an automatic runback due to a dropped control rod on Control Rod Group 6 Rod 6. The decision was made to shutdown Unit 3 in order to investigate the dropped rod. The Unit 3 turbine was placed offline on 8/18/06 at 12:06 and the Reactor was tripped at 13:58. Unit 3 was critical on 8/20/06 at 04:53 and the Unit 3 generator was placed back on-line at 18:11.

#### **Detailed Summary**

On 08/16/06 at 23:38, an Automatic runback of the Integrated Control System (ICS) was initiated from 100% Full Power (FP) due to a dropped rod (Group 6, Control Rod #6). Abnormal Procedure AP/3/A/1700/015 (Dropped or Misaligned Control Rod) was entered as a result. On 08/17/06 at 00:20, the automatic runback of the ICS was complete at 55% FP while in AP/3/A/1700/015. Reactor power was reduced to 54% FP per OP/3/A/1102/004 (Operation at Power) to prevent the highest reading Nuclear Instrument (NI) power range detector from reading greater than 60% FP. Power reduction began from 54% FP at 01:34 per OP/3/A/1102/004 (Operation at Power) to prevent the highest reading NI from reading greater than 60% FP.

Stopped power reduction at 53% FP per OP/3/A/1102/004 at 01:37. Began power reduction from 53% FP per OP/3/A/1102/004 to prevent the highest reading NI from reading greater than 60% FP at 04:03. Power reduction stopped at 50% FP per OP/3/A/1102/004 at 04:06. Power reduction began from 50% per OP/3/A/1102/004 to prevent highest reading NI from reading greater than 60% FP at 07:37. Power reduction stopped at 47% FP per OP/3/A/1102/004 at 07:50. Began power reduction from 47% FP per OP/3/A/1102/004 as a conservative action since the cause of the dropped rod on group 6 had yet to be determined at 13:20. Stopped power reduction at 18% FP per OP/3/A/1102/004 to prepare for taking the Unit 3 turbine offline and to determine if Unit 3 should be shutdown due to the dropped rod at the time of 15:15. On 08/18/06 at 12:06, Unit 3 Turbine Generator tripped per OP/3/A/1106/001 (Turbine Generator). Resumed power decrease from 18% FP per OP/3/A/1102/010 (Controlling Procedure for Unit Shutdown) to shutdown the reactor at 13:06. Tripped U3 Reactor per OP/3/A/1102/010 at approximately 2% FP at the time of 13:58 on 8/18/06.

On 08/20/06 at 04:53, the Unit 3 reactor is critical and ICS is in manual for unit startup per OP/3/A/1102/001(Controlling Procedure for Unit Startup). Stopped reactor power increase at approximately 6% FP per OP/3/A/1102/001 due to an Operator Aid Computer (OAC) Reactor trip Alarm at 07:54. Began power increase from 6% FP per OP/3/A/1102/001 after it was determined that the received OAC Reactor trip Alarm was expected for plant conditions at 08:43. Reactor power increase stopped at approximately 11% FP per OP/3/A/1102/001, for Single Rod Power Supply 20-B replacement at 10:22. Resumed power increase from 11% FP per OP/3/A/1102/001 at 10:35. Power increase stopped at 19% FP per OP/3/A/1102/001 to place the Unit 3 turbine online at 12:58. Unit 3 Generator is on-line by closing Generator Breaker PCB-58 at 18:11. Began power increase from 18% FP per OP/3/A/1102/001 at 19:14. Power increase stopped at 30% FP to transfer Unit 3 Auxiliaries from Startup Transformer to Auxiliary Transformer per OP/3/A/1107/002 (Normal Power) at the time of 23:31. Resumed power increase from 30% FP upon completion of transferring Auxiliaries per OP/3/A/1107/002 at 23:41. On 08/21/06 at 08:44, the power increase was stopped at 55.8% power per OP/3/A/1102/004 to perform an Nuclear Instrumentation (NI) calibration. Resumed power increase from 55.8% FP per OP/3/A/1102/004 after NI calibration at 11:43. Stopped power increase at 71.69% FP per OP/3/A/1102/004 in order to investigate a Control Rod Drive (CRD) Global System Fault at 17:00. Reactor power increased from 71.69% per OP/3/A/1102/004 at 21:16. Power increase was stopped per OP/3/A/1102/004 when the CRD Global System Fault Alarm and the CRD Return Flow Low Alarm were received at 21:26. On 08/22/06 at 00:13, power was increase from 72.0% FP per OP/3/A/1102/004. Reactor power increase stopped at 90% FP per OP/3/A/1102/004 for an NI calibration check at 6:16. Power increase started from 90.0% FP per OP/3/A/1102/004 at 06:27. Power increase stopped at 99.5% FP per OP/3/A/1102/004 for 10 minute hold (slow approach to 100% FP) at 09:39. Resumed reactor power increase from 99.5% per OP/3/A/1102/004 at 10:25. Reactor power at 100% FP at 10:36 on 8/22/06.

DOCKET: 287 PREPARER NAME: Judy Smith
UNIT\_NME: OCONEE 3 PREPARER TELEPHONE: 864-885-4309

RPT\_PERIOD: 200609

Design Electrical Rating: 886
 Maximum Dependable Capacity (MWe-Net) 846

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 5,710.42
 223,554.53

 4. Number of Hours Generator On-line
 720.00
 5,596.77
 220,567.79

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 616,543.00 4,787,309.00 182,986,024.00

**UNIT SHUTDOWNS** 

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

SUMMARY:

DOCKET: 219 PREPARER NAME: Roger B. Gayley

UNIT\_NME: OYSTER CREK 1 PREPARER TELEPHONE: (609) 971-4406 RPT\_PERIOD: 200607

RPT\_PERIOD: 200607

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 650
 650

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,815.56	240,011.03
4. Number of Hours Generator On-line	744.00	4,763.90	235,641.20
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWHrs)	441,405.00	2,891,449.00	135,508,085.00

### **UNIT SHUTDOWNS**

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

SUMMARY: During July, Oyster Creek generated 441,405 net MWh electric, which was 95.8% of its MDC rating.

DOCKET: 219 PREPARER NAME: Roger B. Gayley

UNIT\_NME: OYSTER CREEK 1 PREPARER TELEPHONE: (609) 971-4406

RPT\_PERIOD: 200608

Design Electrical Rating: 650
 Maximum Dependable Capacity (MWe-Net) 619

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,559.56	240,755.03
4. Number of Hours Generator On-line	744.00	5,507.90	236,385.20
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWHrs)	424,938.00	3,316,387.00	135,933,023.00

### **UNIT SHUTDOWNS**

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

SUMMARY: During August, Oyster Creek generated 424,938 net MWh electric, which was 92.3% of its MDC rating.

DOCKET: 219 PREPARER NAME: Roger B. Gayley

UNIT\_NME: OYSTER CREEK 1 PREPARER TELEPHONE: (609) 971-4406

RPT\_PERIOD: 200609

Design Electrical Rating: 650
 Maximum Dependable Capacity (MWe-Net) 619

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,279.56	241,475.03
4. Number of Hours Generator On-line	720.00	6,227.90	237,105.20
5. Reserve Shutdown Hours	0.00	0.00	918.20
Net Electrical energy Generated (MWHrs)	413.071.00	3.729.458.00	136.346.094.00

### **UNIT SHUTDOWNS**

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

SUMMARY: During September, Oyster Creek generated 413,071 net MWh electric, which was 92.7% of its MDC rating. The unit is in coastdown.

DOCKET: 255 PREPARER NAME: SFPierce

UNIT\_NME: PALISADES 1 PREPARER TELEPHONE: (269)764-2239

RPT\_PERIOD: 200607

1. Design Electrical Rating: 805

2. Maximum Dependable Capacity (MWe-Net) 730

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 3,934.29
 197,215.23

 4. Number of Hours Generator On-line
 744.00
 3,886.47
 191,389.73

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 585,700.00 3,025,243.00 133,238,562.00

**UNIT SHUTDOWNS** 

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

SUMMARY: The plant operated at essentially full power for the entire month of July.

DOCKET: 255 PREPARER NAME: SFPierce

UNIT\_NME: PALISADES 1 PREPARER TELEPHONE: (616)764-2239

RPT\_PERIOD: 200608

Design Electrical Rating: 805
 Maximum Dependable Capacity (MWe-Net) 730

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 4,678.29
 197,959.23

 4. Number of Hours Generator On-line
 744.00
 4,630.47
 192,133.73

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 590,628.00 3,615,871.00 133,829,190.00

**UNIT SHUTDOWNS** 

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

SUMMARY: The plant operated at essentially full power for the entire month.

DOCKET: 255 PREPARER NAME: SFPierce

UNIT\_NME: PALISADES 1 PREPARER TELEPHONE: (269) 764-2239

RPT\_PERIOD: 200609

1. Design Electrical Rating: 805

2. Maximum Dependable Capacity (MWe-Net) 730

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 5,398.29
 198,679.23

 4. Number of Hours Generator On-line
 720.00
 5,350.47
 192,853.73

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 574,389.00 4,190,260.00 134,403,579.00

**UNIT SHUTDOWNS** 

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

SUMMARY: The Palisades Plant operated at essentially full power for the entire month.

DOCKET: 528 PREPARER NAME: Kevin Sweeney

PALO VERDE 1 UNIT\_NME: PREPARER TELEPHONE: 623-393-5049

RPT\_PERIOD: 200607

1. Design Electrical Rating: 1336 2. Maximum Dependable Capacity (MWe-Net) 1314

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	598.17	2,350.75	139,134.70
4. Number of Hours Generator On-line	582.85	2,318.55	137,574.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	636,033.09	1,034,792.91	163,738,583.22

636,033.09 163,738,583.22 1,034,792.91

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
06-03	3/18/2006	S	161.15	F	4	Manually tripped the RX in accordance with the SI-651 vibration troubleshooting plan to add additional instrumentation to the 'A' train shutdown cooling suction line.

SUMMARY: The unit began the month in Mode 3 in a maintenance outage for the train "A" shutdown cooling suction valve (UV651) vibration issue. On July 3rd the plant was cooled back to Mode 4 due to an valve actuator issue on the UV651 valve. The plant entered Mode 3 again on July 3rd, but was returned to Mode 4 to deal with continuing issues with the UV651 valve. The plant re-entered Mode 3 on July 6th and went critical at 0150 on July 7th. The unit was synchronized to the grid on July 7th at 1709 and reached full RX power on July 16th after completing all uprated power ascension testing. Ended the month in Mode 1; RX power at full power.

DOCKET: 528 PREPARER NAME: Kevin Sweeney

UNIT\_NME: PALO VERDE 1 PREPARER TELEPHONE: 623-393-5049

RPT\_PERIOD: 200608

Design Electrical Rating: 1336
 Maximum Dependable Capacity (MWe-Net) 1314

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,094.75	139,878.70
4. Number of Hours Generator On-line	744.00	3,062.55	138,318.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	965,045.36	1,999,838.27	164,703,628.58

#### **UNIT SHUTDOWNS**

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

SUMMARY: Began the month in Mode 1; RX power at full power. On August 6th at 2238, a CEA position malfunction occurred and RX power was reduced to 79%. On August 7th, commenced RX power increase and unit reached full power on August 8th at 0147. Ended the month in Mode 1; RX power at full power.

DOCKET: 528 PREPARER NAME: Kevin Sweeney

UNIT\_NME: PALO VERDE 1 PREPARER TELEPHONE: 623-393-5049

RPT\_PERIOD: 200609

Design Electrical Rating: 1336
 Maximum Dependable Capacity (MWe-Net) 1314

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	435.12	3,529.87	140,313.82
4. Number of Hours Generator On-line	435.12	3,497.67	138,753.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	558,964.58	2,558,802.85	165,262,593.16

### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
06-04	9/19/2006	F	284.88	А	1	Manually tripped the RX for troubleshooting and rework of pressurizer heaters.

SUMMARY: Began the month in Mode 1; RX power at full power. On September 19 the unit was downpowered and manually tripped at 0307 for troubleshooting and rework of the pressurizer heaters. Later the same day the unit entered Mode 4 and on September 20 it entered Mode 5. The unit ended the month in Mode 5 with rework of pressurizer heaters in progress.

DOCKET: 529 PREPARER NAME: Kevin Sweeney

UNIT\_NME: PALO VERDE 2 PREPARER TELEPHONE: 623-393-5049

RPT\_PERIOD: 200607

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1336
 1344

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	707.53	4,999.26	141,297.64
4. Number of Hours Generator On-line	690.75	4,952.63	139,768.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	861,066.92	6,472,121.74	171,949,514.18

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
06-02	7/26/2006	F	53.25	А	3	Automatic RX trip from 89% power during restoration of main turbine control valve #2 following valve maintenance.

SUMMARY: Began month in Mode 1: RX power at full power. On July 26th at 0733 a variable overpower automatic RX trip occurred during restoration of main turbine control valve #2 following rework of the valve position indication linkage. On July 27th the unit entered Mode 2 and went critical at 2001. The unit was synchronized to the grid at 1248 on July 28th. RX power increase was stopped at 81% on July 29th due to an LP feedwater heater leak. Power ascension was restarted July 31st and stopped at 90% due to heater drain pump 'A' maintenance issue. Ended month in Mode 1: RX power at 90%.

DOCKET: 529 PREPARER NAME: Kevin Sweeney

UNIT\_NME: PALO VERDE 2 PREPARER TELEPHONE: 623-393-5049

RPT\_PERIOD: 200608

Design Electrical Rating: 1336
 Maximum Dependable Capacity (MWe-Net) 1314

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,743.26	142,041.64
4. Number of Hours Generator On-line	744.00	5,696.63	140,512.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	970,950.98	7,443,072.72	172,920,465.16

#### **UNIT SHUTDOWNS**

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

SUMMARY: Began month in Mode 1: RX power at 90% for heater drain pump maintenance. On August 3rd, commenced RX power increase to 100%. Unit reached full power on August 3rd at 1259. Ended month in Mode 1: RX power at full power.

DOCKET: 529 PREPARER NAME: Kevin Sweeney

UNIT\_NME: PALO VERDE 2 PREPARER TELEPHONE: 623-393-5049

RPT\_PERIOD: 200609

Design Electrical Rating: 1336
 Maximum Dependable Capacity (MWe-Net) 1314

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	696.00	6,439.26	142,737.64
4. Number of Hours Generator On-line	696.00	6,392.63	141,208.50
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 918,406.34 8,361,479.06 173,838,871.50

### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
06-03	9/30/2006	S	24.00	С	1	U2R13 - Planned Refueling Outage

SUMMARY: Began month in Mode 1; RX power at full power. On September 30 at 00:00 the unit was manually tripped to begin the R13 refueling outage. The unit ended the month in Mode 5.

DOCKET: 530 PREPARER NAME: Kevin Sweeney

UNIT\_NME: PALO VERDE 3 PREPARER TELEPHONE: 623-393-5049

RPT\_PERIOD: 200607

Design Electrical Rating: 1269
 Maximum Dependable Capacity (MWe-Net) 1247

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	708.22	4,042.99	136,383.02
4. Number of Hours Generator On-line	698.08	3,995.70	135,110.64
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	835,967.71	4,876,701.05	165,325,856.09

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
06-03	7/1/2006	F	45.92	A	2	Manually tripped the RX at 55% after a reactor power cut-back due to loss of a main feedwater pump.

SUMMARY: Began month in Mode 1: RX power at full power. On July 1st the RX was manually tripped from 55% power at 1928 after an automatic RX cutback occurred due to the loss of the 'B' MFWP following the failure of a condensate demineralizer vessel site glass. On July 3rd the unit entered Mode 2, went critical at 0715 and entered Mode 1. The unit was synchronized to the grid at 1723 on July 3rd and reached full power on July 5th. Ended month in Mode 1: RX power at full power.

DOCKET: 530 PREPARER NAME: Kevin Sweeney

UNIT\_NME: PALO VERDE 3 PREPARER TELEPHONE: 623-393-5049

RPT\_PERIOD: 200608

Design Electrical Rating: 1269
 Maximum Dependable Capacity (MWe-Net) 1247

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,786.99	137,127.02
4. Number of Hours Generator On-line	744.00	4,739.70	135,854.64
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 912,848.12 5,789,549.17 166,238,704.21

**UNIT SHUTDOWNS** 

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

SUMMARY: Began month in Mode 1: RX power at full power. Ended month in Mode 1: RX power at full power.

DOCKET: 530 PREPARER NAME: Kevin Sweeney

UNIT\_NME: PALO VERDE 3 PREPARER TELEPHONE: 623-393-5049

RPT\_PERIOD: 200609

Design Electrical Rating: 1269
 Maximum Dependable Capacity (MWe-Net) 1247

		This Month	Yr-to-Date	Cumulative
3	3. Number of Hours the Reactor was Critical	720.00	5,506.99	137,847.02
4	4. Number of Hours Generator On-line	720.00	5,459.70	136,574.64
Ę	5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 883,763.77 6,673,312.94 167,122,467.98

**UNIT SHUTDOWNS** 

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

SUMMARY: Began month in Mode 1: RX power at full power. Ended month in Mode 1: RX power at full power.

DOCKET: 277 PREPARER NAME: Brad Deihl

UNIT\_NME: PEACH BOTTOM 2 PREPARER TELEPHONE: 717-456-3623

RPT\_PERIOD: 200607

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	211,612.32
4. Number of Hours Generator On-line	744.00	5,087.00	207,030.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	815,260.70	5,722,151.10	207,374,895.40

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 began the month of July at 100.0% of maximum allowable power (3514 MWth).

At 23:00 on July 28th, Unit 2 commenced power reduction to 63.0% for planned removal of 5th stage feed water heaters for end of cycle coast down. Two condenser water boxes were also cleaned during the load reduction. The Unit returned to 100.0% power by 07:39 on July 30th.

Unit 2 ended the month of July at 100% of maximum allowable power (3514 MWth).

DOCKET: 277 PREPARER NAME: Brad Deihl

UNIT\_NME: PEACH BOTTOM 2 PREPARER TELEPHONE: 717-456-3623

RPT\_PERIOD: 200608

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1138
 1112

2. Maximum Dependable Capacity (Mivve-Net) 1112

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,831.00
 212,356.32

 4. Number of Hours Generator On-line
 744.00
 5,831.00
 207,774.13

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 788,843.70 6,510,994.80 208,163,739.10

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 began the month of August at 100.0% of maximum allowable power (3514 MWth) with the 5th stage FWH removed from service for coastdown to P2R16.

There were no Unit 2 power reductions for the month of August 2006.

Unit 2 ended the month of August at 93% of maximum allowable power (3514 MWth) due to coastdown to P2R16.

DOCKET: 277 PREPARER NAME: Brad Deihl

UNIT\_NME: PEACH BOTTOM 2 PREPARER TELEPHONE: 717-456-3623

RPT\_PERIOD: 200609

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1112

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	352.37	6,183.37	212,708.69
4. Number of Hours Generator On-line	351.00	6,182.00	208,125.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	345,423.00	6,856,417.80	208,509,162.10

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
P2R16	9/15/2006	S	369.00	С	1	Planned refueling outage

SUMMARY: Unit 2 began the month of September at 93.0% of maximum allowable power (3514 MWth) due to coastdown to P2R16.

At 23:28 on September 4th, Unit 2 commenced power reduction to 82.98% for planned pre outage work on 2A RFP. The Unit returned to 90.0% power by 01:07 on September 5th.

At 21:22 on September 12th, Unit 2 commenced power reduction to 83.0% for planned restart of 2A RFP. The Unit returned to 88.4% power by 23:15 on September 12th.

At 23:15 on September 13th, Unit 2 commenced power reduction to 83.62% for planned pre outage work on 2B RFP. The Unit returned to 88.4% power by 00:39 on September 14th.

At 15:00 on September 15th, Unit 2 generator breaker opened to commence planned P2R16 refueling outage.

At 16:22 on September 15th, Unit 2 Reactor Scram to start planned P2R16 refueling outage.

Unit 2 ended the month of September at 0.0% of maximum allowable power (3514 MWth).

DOCKET: 278 PREPARER NAME: Brad Deihl

UNIT\_NME: PEACH BOTTOM 3 PREPARER TELEPHONE: 717-456-3623

RPT\_PERIOD: 200607

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

Month Yr-t	to-Date (	Cumulative
00 5,08	87.00 2	210,274.57
00 5,08	87.00 2	206,296.45
0.00	0 (	0.00
	00 5,00 00 5,00	5,087.00 2 00 5,087.00 2

6. Net Electrical energy Generated (MWHrs) 833,959.70 5,759,926.10 205,651,709.40

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 3 began the month of July at 100.0% of maximum allowable power (3514 MWth).

There were no Unit 3 power reductions for the month of July 2006.

Unit 3 ended the month of July at 100.0% of maximum allowable power (3514 MWth).

DOCKET: 278 PREPARER NAME: Brad Deihl

UNIT\_NME: PEACH BOTTOM 3 PREPARER TELEPHONE: 717-456-3623

RPT\_PERIOD: 200608

1. Design Electrical Rating: 1138

2. Maximum Dependable Capacity (MWe-Net) 1112

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	211,018.57
4. Number of Hours Generator On-line	744.00	5,831.00	207,040.45
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 829,443.70 6,589,369.80 206,481,153.10

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 3 began the month of August at 100.0% of maximum allowable power (3514 MWth).

There were no Unit 3 power reductions for the month of August 2006.

Unit 3 ended the month of August at 100.0% of maximum allowable power (3514 MWth).

DOCKET: 278 PREPARER NAME: Brad Deihl

UNIT\_NME: PEACH BOTTOM 3 PREPARER TELEPHONE: 717-456-3623

RPT\_PERIOD: 200609

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1138
 1112

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	211,738.57
4. Number of Hours Generator On-line	720.00	6,551.00	207,760.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	810,571.00	7,399,940.80	207,291,724.10

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 3 began the month of September at 100.0% of maximum allowable power (3514 MWth).

At 23:12 on September 8th, Unit 3 commenced power reduction to 56.95% for planned rod pattern adjustment. The Unit returned to 100.0% power by 12:17 on September 9th.

At 23:19 on September 10th, Unit 3 commenced power reduction to 89.81% for planned follow up rod pattern adjustment. The Unit returned to 100.0% power by 01:24 on September 11th.

Unit 3 ended the month of September at 100.0% of maximum allowable power (3514 MWth).

DOCKET: 440 PREPARER NAME: Glenn Mitchell UNIT\_NME: PERRY 1 PREPARER TELEPHONE: 330-384-5027

RPT\_PERIOD: 200607

Design Electrical Rating: 1260
 Maximum Dependable Capacity (MWe-Net) 1235

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	132,225.28
4. Number of Hours Generator On-line	744.00	5,009.12	129,263.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	906,324.00	6,169,000.00	149,192,274.00

### **UNIT SHUTDOWNS**

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

SUMMARY: The plant operated for the entire month. A planned downpower was performed for Control Rod Sequence Exchange. It was derated 2 times for high ambient weather conditions.

DOCKET: 440 PREPARER NAME: Glenn Mitchell UNIT\_NME: PERRY 1 PREPARER TELEPHONE: 330-384-5027

RPT\_PERIOD: 200608

Design Electrical Rating: 1260
 Maximum Dependable Capacity (MWe-Net) 1235

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	132,969.28
4. Number of Hours Generator On-line	744.00	5,753.12	130,007.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
C. Net Fleetrieel enemy Conserted (MAN/Line)	015 002 40	7 004 002 40	150 100 177 10

6. Net Electrical energy Generated (MWHrs) 915,903.40 7,084,903.40 150,108,177.40

### **UNIT SHUTDOWNS**

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

SUMMARY: The plant operated at full power for the entire month except for: Approximately 3 hours for Turbine Valve Testing,

Approximately 60 hours due to high ambient weather conditions.

DOCKET: 440 PREPARER NAME: Glenn Mitchell UNIT\_NME: PERRY 1 PREPARER TELEPHONE: 330-384-5027

RPT\_PERIOD: 200609

Design Electrical Rating: 1260
 Maximum Dependable Capacity (MWe-Net) 1235

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	133,689.28
4. Number of Hours Generator On-line	720.00	6,473.12	130,727.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	878,179.40	7,963,082.80	150,986,356.80

### **UNIT SHUTDOWNS**

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

SUMMARY: An unplanned downpower to 79% power occured in order to remove the Reactor Feed Pump Turbine from service for troubleshooting of the trust bearing wear detector. Planned downpowers for turbine control valve testing and control rod pattern adjustment were performed

DOCKET: 293 PREPARER NAME: Mary J. Gatslick UNIT\_NME: PILGRIM 1 PREPARER TELEPHONE: (508) 830-8373

RPT\_PERIOD: 200607

690 1. Design Electrical Rating: 2. Maximum Dependable Capacity (MWe-Net) 684.7

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,049.02	212,151.75
4. Number of Hours Generator On-line	744.00	5,011.79	209,845.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	507,332.93	3,342,021.14	126,408,013.84

507,332.93 3,342,021.14

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit began the reporting period operating at 100% (2028 MWt) reactor power. Planned power reductions for control rod exercising took place on the following dates: 7/06/06 (100% to ~92%), 7/13/06 (100% to ~92%), 7/20/06 (100% to ~ 92%), and 7/27/06 (100% to ~92%). After each control rod exercise, the reactor was returned to 100% power about one hour after the power reduction. The unit continued to operate at 100% reactor power for the remainder of the reporting period.

DOCKET: 293 PREPARER NAME: Mary J. Gatslick
UNIT\_NME: PILGRIM 1 PREPARER TELEPHONE: (508) 830-8373

RPT\_PERIOD: 200608

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 684.7

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,793.02	212,895.75
4. Number of Hours Generator On-line	744.00	5,755.79	210,589.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	498,144.99	3,840,166.13	126,906,158.83

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit began the reporting period operating at 100% (2028 MWt) reactor power. Planned power reductions for control rod exercising took place on the following dates: 8/04/06 (100% to 92%) and 8/10/06 (100% to 92%). After each control rod exercise, the reactor was soon returned to 100% power. On 8/15/06 at 1000 hours, a planned power reduction commenced for a main condenser thermal backwash. The lowest reactor power during the power reduction was about 47.5%. During the backwash, a control exercise was completed on 8/15/06. Subsequently, 100% reactor power was achieved on 8/17/06 at 0026 hours. Additional control rod exercising took place on 8/23/06 (100% to 92%) and 8/31/06 (100% to 92%), the reactor was soon returned to 100% power after each exercise. The unit continued to operate at 100% reactor power for the remainder of the reporting period.

DOCKET: 293 PREPARER NAME: Mary J. Gatslick
UNIT\_NME: PILGRIM 1 PREPARER TELEPHONE: (508) 830-8373

RPT\_PERIOD: 200609

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 684.7

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,513.02	213,615.75
4. Number of Hours Generator On-line	720.00	6,475.79	211,309.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	487,980.29	4,328,146.42	127,394,139.12

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit began the reporting period operating at 100% (2028 MWt) reactor power. Planned power reductions for control rod exercising took place on the following dates: 9/07/06 (100% to ~92%), 9/14/06 (100% to ~92%), 9/21/06 (100% to ~92%), and 9/28/06 (100% to ~92%). After each control rod exercise, the reactor was returned to 100% power about one hour after the power reduction. The unit continued to operate at 100% reactor power for the remainder of the reporting period.

DOCKET: 266 PREPARER NAME: M. B. Arnold

UNIT\_NME: POINT BEACH 1 PREPARER TELEPHONE: 920-755-6315

RPT\_PERIOD: 200607

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 516

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 259,729.72

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 256,103.38

 5. Reserve Shutdown Hours
 0.00
 0.00
 846.90

6. Net Electrical energy Generated (MWHrs) 378,809.50 2,598,577.50 119,769,969.50

**UNIT SHUTDOWNS** 

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

SUMMARY:

DOCKET: 266 PREPARER NAME: M. B. Arnold

POINT BEACH 1 UNIT\_NME: PREPARER TELEPHONE: 920-755-6315

RPT\_PERIOD: 200608

522 1. Design Electrical Rating:

2. Maximum Dependable Capacity (MWe-Net) 516

Yr-to-Date Cumulative **This Month** 3. Number of Hours the Reactor was Critical 744.00 5,831.00 260,473.72 4. Number of Hours Generator On-line 744.00 5,831.00 256,847.38 5. Reserve Shutdown Hours 0.00 0.00 846.90

6. Net Electrical energy Generated (MWHrs) 370,882.50 2,969,460.00 120,140,852.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit 1 planned energy loss - quarterly crossover steam dump test.

DOCKET: 266 PREPARER NAME: M. B. Arnold

UNIT\_NME: POINT BEACH 1 PREPARER TELEPHONE: 920-755-6315

RPT\_PERIOD: 200609

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 516

Maximum Dependable Capacity (MWe-Net)
 516

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,551.00
 261,193.72

 4. Number of Hours Generator On-line
 720.00
 6,551.00
 257,567.38

 5. Reserve Shutdown Hours
 0.00
 0.00
 846.90

6. Net Electrical energy Generated (MWHrs) 363,564.50 3,333,024.50 120,504,416.50

**UNIT SHUTDOWNS** 

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

SUMMARY: Several auxiliary feedwater pump tests were run - quarterly-required and planned tests.

DOCKET: 301 PREPARER NAME: M. B. Arnold

UNIT\_NME: POINT BEACH 2 PREPARER TELEPHONE: 920-755-6315

RPT\_PERIOD: 200607

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 518

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 253,454.82

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 250,240.45

 5. Reserve Shutdown Hours
 0.00
 0.00
 302.20

6. Net Electrical energy Generated (MWHrs) 384,895.50 2,631,637.50 118,750,233.50

**UNIT SHUTDOWNS** 

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

SUMMARY:

DOCKET: 301 PREPARER NAME: M. B. Arnold

UNIT\_NME: POINT BEACH 2 PREPARER TELEPHONE: 920-755-6315

RPT\_PERIOD: 200608

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 518

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	254,198.82
4. Number of Hours Generator On-line	744.00	5,831.00	250,984.45
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	374,864.50	3,006,502.00	119,125,098.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit 2 planned quarterly crossover steam dump test.

DOCKET: 301 PREPARER NAME: M. B. Arnold

UNIT\_NME: POINT BEACH 2 PREPARER TELEPHONE: 920-755-6315

RPT\_PERIOD: 200609

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 518

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	254,918.82
4. Number of Hours Generator On-line	720.00	6,551.00	251,704.45
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	367,917.50	3,374,419.50	119,493,015.50

### **UNIT SHUTDOWNS**

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

SUMMARY: Quarterly-required and planned tests occurred of the auxiliary feedwater pumps.

DOCKET: 282 PREPARER NAME: Brian Glennie

UNIT\_NME: PRAIRIE ISLAND 1 PREPARER TELEPHONE: 651-388-1121 ext. 4442

RPT\_PERIOD: 200607

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 522

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,148.87	248,730.79
4. Number of Hours Generator On-line	744.00	4,112.56	246,459.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	376,300.00	2,131,757.00	123,912,385.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: During the month of July, Unit 1 was base loaded except as noted below. On July 29, Operations initiated a power reduction to comply with the requirements of the National Pollutant Discharge Elimination System Permit. The permit restricts blow down of water from the plant when the Mississipi River reaches 86 degrees down stream of the plant. Unit 1 returned to full power within 40 hours of the initiating event.

DOCKET: 282 PREPARER NAME: Brian Glennie

UNIT\_NME: PRAIRIE ISLAND 1 PREPARER TELEPHONE: 651-388-1121 ext. 4442

RPT\_PERIOD: 200608

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 522

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,892.87	249,474.79
4. Number of Hours Generator On-line	744.00	4,856.56	247,203.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	390,858.00	2,522,615.00	124,303,243.00

**UNIT SHUTDOWNS** 

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

SUMMARY: During the month of August, Unit 1 was base loaded. There are no other items to report.

DOCKET: 282 PREPARER NAME: Brian Glennie

UNIT\_NME: PRAIRIE ISLAND 1 PREPARER TELEPHONE: 651-388-1121 ext. 4442

RPT\_PERIOD: 200609

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 522

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,612.87	250,194.79
4. Number of Hours Generator On-line	720.00	5,576.56	247,923.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	385,609.00	2,908,224.00	124,688,852.00

**UNIT SHUTDOWNS** 

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

SUMMARY: During the month of September, Unit 1 was base loaded. There are no other items to report.

DOCKET: 306 PREPARER NAME: Brian Glennie

UNIT\_NME: PRAIRIE ISLAND 2 PREPARER TELEPHONE: 651-388-1121 ext. 4442

RPT\_PERIOD: 200607

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 522

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,733.12	247,044.90
4. Number of Hours Generator On-line	744.00	4,723.50	245,216.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	368,776.00	2,480,049.00	123,359,817.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: During the month of July, Unit 2 was base loaded except as noted below. On July 29, Operations initiated a power reduction to comply with the requirements of the National Pollutant Discharge Elimination System Permit. The permit restricts blow down of water from the plant when the Mississipi River reaches 86 degrees down stream of the plant. Unit 2 returned to full power within 50 hours of the initiating event.

DOCKET: 306 PREPARER NAME: Brian Glennie

UNIT\_NME: PRAIRIE ISLAND 2 PREPARER TELEPHONE: 651-388-1121 ext. 4442

RPT\_PERIOD: 200608

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 522

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,477.12	247,788.90
4. Number of Hours Generator On-line	744.00	5,467.50	245,960.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	385,126.00	2,865,175.00	123,744,943.00

**UNIT SHUTDOWNS** 

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

SUMMARY: During the month of August, Unit 2 was base loaded. There are no other items to report.

DOCKET: 306 PREPARER NAME: Brian Glennie

UNIT\_NME: PRAIRIE ISLAND 2 PREPARER TELEPHONE: 651-388-1121 ext. 4442

RPT\_PERIOD: 200609

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 522

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,197.12	248,508.90
4. Number of Hours Generator On-line	720.00	6,187.50	246,680.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	370,377.00	3,235,552.00	124,115,320.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: During the month of September, Unit 2 was base loaded except as noted below. On September 29, Operations initiated a down power to perform work on cleaning the inner pass of the condenser and to repair Amertap screens. Generator output was reduced 63.9%. This work continued into October.

DOCKET: 254 PREPARER NAME: Debbie Cline

UNIT\_NME: QUAD CITIES 1 PREPARER TELEPHONE: 309-227-2801

RPT\_PERIOD: 200607

Design Electrical Rating: 867
 Maximum Dependable Capacity (MWe-Net) 855

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,542.82	239,031.85
4. Number of Hours Generator On-line	744.00	4,489.93	233,466.74
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	641,781.00	3,563,154.00	157,381,138.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: On July 02, 2006, Unit 1 power was decreased to approximately 660 MWe for planned Control Rod Drive (CRD) positioning. Unit 1 returned to full power on July 02. On July 03, Unit 1 experienced an unplanned load drop to approximately 780 MWe, for repair of the 1B Reactor Feedwater pump, and returned to full power on July 04. Unit 1 remained at full power, with the exception of short periods for planned load drops to support Main Condenser flow reversals, until July 19, when load was reduced to approximately 780 MWe for repair of the Reactor Feedwater pump drain line, and resumed full power operation. With the exception of short periods for planned load drops to support Main Condenser flow reversals, Unit 1 remained at full power until July 31, when the unit was reduced to approximately 700 MWe due to high river temperatures.

DOCKET: 254

PREPARER NAME:

UNIT\_NME: QUAD CITIES 1

PREPARER TELEPHONE: 309-227-2801

Debbie Cline

RPT\_PERIOD: 200608

Design Electrical Rating:

867

2. Maximum Dependable Capacity (MWe-Net) 855

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,286.82	239,775.85
4. Number of Hours Generator On-line	744.00	5,233.93	234,210.74
5. Reserve Shutdown Hours	0.00	0.00	1,655.20

6. Net Electrical energy Generated (MWHrs) 634,723.00 4,197,877.00 158,015,861.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit 1 began the month of August at a reduced level of approximately 700 MWe due to high water temperatures. On August 1st, the load on Unit 1 was decreased to approximately 600 MWe to support a Main Condenser flow reversal, and then increased to 700 MWe, and again was reduced due to river temperatures to approximately 435 MWe. On August 2nd, load was increased to approximately 760 MWe. On August 3nd, Unit 1 power was increased to full power of approximately 912 MWe and remained at this level throughout the remainder of the reporting period, with the exception of several planned load drops to support Main Condenser flow reversals.

Debbie Cline

DOCKET: 254 PREPARER NAME:

UNIT\_NME: QUAD CITIES 1 PREPARER TELEPHONE: 309-227-2801

RPT\_PERIOD: 200609

Design Electrical Rating: 867
 Maximum Dependable Capacity (MWe-Net) 855

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,006.82	240,495.85
4. Number of Hours Generator On-line	720.00	5,953.93	234,930.74
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	623,401.00	4,821,278.00	158,639,262.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 1 operated at full power throughout the reporting period with two exceptions. On September 17, 2006, Unit 1 reduced power to approximately 760 MWe to support planned Control Rod shuffle and Scram timing, and returned to full power. On September 21, 2006, Unit 1 experienced an unplanned load drop to approximately 740 MWe due to a Feedwater Heater transient. The unit was returned to full power on September 21, 2006.

DOCKET: 265 PREPARER NAME: Debbie Cline

UNIT\_NME: QUAD CITIES 2 PREPARER TELEPHONE: 309-227-2801

RPT\_PERIOD: 200607

Design Electrical Rating: 867
 Maximum Dependable Capacity (MWe-Net) 855

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,366.60	231,620.07
4. Number of Hours Generator On-line	744.00	4,328.39	226,672.21
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	642,575.00	3,455,530.00	159,061,940.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: With the exception of short periods for planned load drops to support Main Condenser flow reversals, Unit 2 remained at full power until July 31, 2006, when load was decreased to approximately 700 MWe due to high river temperatures.

Debbie Cline

DOCKET: 265 PREPARER NAME:

UNIT\_NME: QUAD CITIES 2 PREPARER TELEPHONE: 309-227-2801

RPT\_PERIOD: 200608

Design Electrical Rating: 867
 Maximum Dependable Capacity (MWe-Net) 855

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,110.60	232,364.07
4. Number of Hours Generator On-line	744.00	5,072.39	227,416.21
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	619,125.00	4,074,655.00	159,681,065.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 began the month of August at a reduced level of approximately 700 MWe due to high water temperatures, and the Unit 2 load was further decreased to approximately 465 MWe, due to high river temperatures. On August 2nd, load was increased to approximately 775 MWe. On August 3rd, Unit 2 power was increased to full power of approximately 912 MWe and remained at this level until August 8th, when load was decreased to approximately 790 MWe due to emergent repairs being done on the 2B Reactor Feed Pump, due to high vibration levels. Unit 2 was returned to full power of approximately 912 MWe on August 13th. With the exception of short periods to support planned Main Condenser flow reversals, Unit 2 remained at full power throughout the remainder of the reporting period.

Debbie Cline

DOCKET: 265 PREPARER NAME:

UNIT\_NME: QUAD CITIES 2 PREPARER TELEPHONE: 309-227-2801

RPT\_PERIOD: 200609

Design Electrical Rating: 867
 Maximum Dependable Capacity (MWe-Net) 855

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,830.60	233,084.07
4. Number of Hours Generator On-line	720.00	5,792.39	228,136.21
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	622,640.00	4,697,295.00	160,303,705.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 continued to operate at full power with the exception of one planned load drop to approximately 675 MWe on September 03, 2006 for Control Rod shuffle, Scram timing and Main Turbine testing. Unit 2 remained at full power throughout the remainder of the reporting period.

DOCKET: 458 PREPARER NAME: Thomas J. Bolke

UNIT\_NME: RIVER BEND 1 PREPARER TELEPHONE: (225)346-8651 ext 2940

RPT\_PERIOD: 200607

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 744.00 4,410.28 148,720.05
4. Number of Hours Generator On-line 744.00 4,330.95 144,652.57

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 715,991.00 4,120,032.00 131,088,489.00

**UNIT SHUTDOWNS** 

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

DOCKET: 458 PREPARER NAME: Thomas J. Bolke

UNIT\_NME: RIVER BEND 1 PREPARER TELEPHONE: (225)346-8651 ext 2940

RPT\_PERIOD: 200608

Design Electrical Rating: 967
 Maximum Dependable Capacity (MWe-Net) 967

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,154.28
 149,464.05

 4. Number of Hours Generator On-line
 744.00
 5,074.95
 145,396.57

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 720,271.00 4,840,303.00 131,808,760.00

**UNIT SHUTDOWNS** 

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

DOCKET: 458 PREPARER NAME: Thomas J. Bolke

UNIT\_NME: RIVER BEND 1 PREPARER TELEPHONE: (225)346-8651 ext 2940

RPT\_PERIOD: 200609

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 720.00 5,874.28 150,184.05
4. Number of Hours Generator On-line 720.00 5,794.95 146,116.57

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 701,555.00 5,541,858.00 132,510,315.00

**UNIT SHUTDOWNS** 

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

DOCKET: 261 PREPARER NAME: Tim Surma

**ROBINSON 2** UNIT\_NME: PREPARER TELEPHONE: 843-857-1086

**This Month** 

RPT\_PERIOD: 200607

765 1. Design Electrical Rating:

2. Maximum Dependable Capacity (MWe-Net) 710

Yr-to-Date Cumulative 3. Number of Hours the Reactor was Critical 744.00 5,087.00 241,349.64 4. Number of Hours Generator On-line 744.00 5,087.00 237,976.61

0.00 23.20 5. Reserve Shutdown Hours 0.00

6. Net Electrical energy Generated (MWHrs) 538,030.00 3,769,313.00 157,659,020.00

**UNIT SHUTDOWNS** 

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

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

DOCKET: 261 PREPARER NAME: Tim Surma

UNIT\_NME: ROBINSON 2 PREPARER TELEPHONE: 843-857-1086

RPT\_PERIOD: 200608

Design Electrical Rating: 765
 Maximum Dependable Capacity (MWe-Net) 710

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 5,831.00 242,093.64

4. Number of Hours Generator On-line 744.00 5,831.00 238,720.61

 5. Reserve Shutdown Hours
 0.00
 0.00
 23.20

6. Net Electrical energy Generated (MWHrs) 535,996.00 4,305,309.00 158,195,016.00

**UNIT SHUTDOWNS** 

Type Method of

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

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

DOCKET: 261 PREPARER NAME: Tim Surma

UNIT\_NME: ROBINSON 2 PREPARER TELEPHONE: 843-857-1086

RPT\_PERIOD: 200609

1. Design Electrical Rating: 765

2. Maximum Dependable Capacity (MWe-Net) 710

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,551.00
 242,813.64

 4. Number of Hours Generator On-line
 720.00
 6,551.00
 239,440.61

 5. Reserve Shutdown Hours
 0.00
 0.00
 23.20

 5. Reserve Shutdown Hours
 0.00
 0.00
 23.20

 6. Net Electrical energy Generated (MWHrs)
 525,620.00
 4,830,929.00
 158,720,636.00

**UNIT SHUTDOWNS** 

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

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

DOCKET: 272 PREPARER NAME: Gary A. Loeb
UNIT\_NME: SALEM 1 PREPARER TELEPHONE: 856.339.1049

RPT\_PERIOD: 200607

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1130
 1096

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,061.38	170,837.44
4. Number of Hours Generator On-line	744.00	5,052.05	165,874.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	854,379.00	5,939,398.00	171,833,331.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Lightning strike on line caused power reduction and grid-related loss of 5153 MWh-net on 07/22/2006.

DOCKET: 272 PREPARER NAME: Gary A. Loeb
UNIT\_NME: SALEM 1 PREPARER TELEPHONE: 856.339.1049

RPT\_PERIOD: 200608

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1130
 1096

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,805.38	171,581.44
4. Number of Hours Generator On-line	744.00	5,796.05	166,618.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
	054.054.00	0.704.050.00	470 004 005 00

6. Net Electrical energy Generated (MWHrs) 851,654.00 6,791,052.00 172,684,985.00

**UNIT SHUTDOWNS** 

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

DOCKET: 272 PREPARER NAME: G. A. Loeb
UNIT\_NME: SALEM 1 PREPARER TELEPHONE: 856.339.1049

RPT\_PERIOD: 200609

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1130
 1096

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,525.38	172,301.44
4. Number of Hours Generator On-line	720.00	6,516.05	167,338.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6 N . = 1	000 004 00		

6. Net Electrical energy Generated (MWHrs) 829,934.00 7,620,986.00 173,514,919.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unplanned energy loss due to failure of two turbine stop valves during routine turbine valve testing.

DOCKET: 311 PREPARER NAME: Gary A. Loeb
UNIT\_NME: SALEM 2 PREPARER TELEPHONE: 856.339.1049

RPT\_PERIOD: 200607

Design Electrical Rating: 1131
 Maximum Dependable Capacity (MWe-Net) 1092

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	148,958.27
4. Number of Hours Generator On-line	744.00	5,087.00	145,241.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	823,228.00	5,711,531.00	150,681,908.00

**UNIT SHUTDOWNS** 

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

DOCKET: 311 PREPARER NAME: Gary A. Loeb
UNIT\_NME: SALEM 2 PREPARER TELEPHONE: 856.339.1049

RPT\_PERIOD: 200608

Design Electrical Rating: 1131
 Maximum Dependable Capacity (MWe-Net) 1092

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	149,702.27
4. Number of Hours Generator On-line	744.00	5,831.00	145,985.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	817,625.00	6,529,156.00	151,499,533.00

#### **UNIT SHUTDOWNS**

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

DOCKET: 311 PREPARER NAME: G. A. Loeb
UNIT\_NME: SALEM 2 PREPARER TELEPHONE: 856.339.1049

RPT\_PERIOD: 200609

Design Electrical Rating: 1131
 Maximum Dependable Capacity (MWe-Net) 1092

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	704.53	6,535.53	150,406.80
4. Number of Hours Generator On-line	695.80	6,526.80	146,681.14
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 741,256.00 7,270,412.00 152,240,789.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2006-01	9/26/2006	F	24.20	А	2	Reactor manually tripped at 15:13 on 09/26/2006 due to 21 RCP leakoff flow greater than 6 gpm.

SUMMARY: Reactor manually tripped 9/26/06 15:13 due to 21 RCP leakoff flow greater than 6 GPM.

DOCKET: 361 PREPARER NAME: Clay Williams

UNIT\_NME: SAN ONOFRE 2 PREPARER TELEPHONE: (949) 368-6707

RPT\_PERIOD: 200607

Design Electrical Rating: 1070
 Maximum Dependable Capacity (MWe-Net) 1070

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 2,683.38
 164,081.46

 4. Number of Hours Generator On-line
 744.00
 2,462.05
 161,771.30

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 826,713.26 2,645,866.74 173,761,578.86

**UNIT SHUTDOWNS** 

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

SUMMARY: 7/1/06 Unit in Mode 1. 7/31/06 Unit in Mode 1.

DOCKET: 361 PREPARER NAME: Clay Williams SAN ONOFRE 2

UNIT\_NME: PREPARER TELEPHONE: 949-368-6707

RPT\_PERIOD: 200608

1. Design Electrical Rating: 1070 2. Maximum Dependable Capacity (MWe-Net) 1070

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,427.38	164,825.46
4. Number of Hours Generator On-line	744.00	3,206.05	162,515.30
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 832,706.77 3,478,573.51 174,594,285.63

**UNIT SHUTDOWNS** 

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

SUMMARY: 8/1/06 Unit in Mode 1. 8/31/06 Unit in Mode 1.

DOCKET: 361 PREPARER NAME: Clay Williams

UNIT\_NME: SAN ONOFRE 2 PREPARER TELEPHONE: 949-368-6707

RPT\_PERIOD: 200609

1. Design Electrical Rating: 1070 2. Maximum Dependable Capacity (MWe-Net) 1070

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	4,147.38	165,545.46
4. Number of Hours Generator On-line	720.00	3,926.05	163,235.30
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 806,706.64 4,285,280.15 175,400,992.27

**UNIT SHUTDOWNS** 

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

SUMMARY: 9/1/06 Unit in Mode 1. 9/30/06 Unit in Mode 1.

DOCKET: 362 PREPARER NAME: Clay Williams

UNIT\_NME: SAN ONOFRE 3 PREPARER TELEPHONE: (949) 368-6707

RPT\_PERIOD: 200607

Design Electrical Rating: 1080
 Maximum Dependable Capacity (MWe-Net) 1080

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,109.10	162,549.93
4. Number of Hours Generator On-line	744.00	4,083.71	160,263.97
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 828,197.16 4,549,490.59 170,535,612.68

**UNIT SHUTDOWNS** 

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

SUMMARY: 7/1/06 Unit in Mode 1. 7/31/06 Unit in Mode 1.

DOCKET: 362 PREPARER NAME: Clay Williams UNIT\_NME: SAN ONOFRE 3

PREPARER TELEPHONE: 949-368-6707

RPT\_PERIOD: 200608

1. Design Electrical Rating: 1080 2. Maximum Dependable Capacity (MWe-Net) 1080

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,853.10	163,293.93
4. Number of Hours Generator On-line	744.00	4,827.71	161,007.97
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 835,309.92 5,384,800.51 171,370,922.60

**UNIT SHUTDOWNS** 

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

SUMMARY: 8/1/06 Unit in Mode 1. 8/31/06 Unit in Mode 1.

DOCKET: 362 PREPARER NAME: Clay Williams UNIT\_NME: SAN ONOFRE 3

PREPARER TELEPHONE: 949-368-6707

RPT\_PERIOD: 200609

1. Design Electrical Rating: 1080 2. Maximum Dependable Capacity (MWe-Net) 1080

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,573.10	164,013.93
4. Number of Hours Generator On-line	720.00	5,547.71	161,727.97
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	807,408.04	6,192,208.55	172,178,330.64

807,408.04 6,192,208.55

**UNIT SHUTDOWNS** 

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

SUMMARY: 9/1/06 Unit in Mode 1. 9/30/06 Unit in Mode 1.

DOCKET: 443 PREPARER NAME: Peter Nardone
UNIT\_NME: SEABROOK 1
PREPARER TELEPHONE: (603) 773-7074

UNIT\_NME: SEABROOK 1 PREPARER TELEPHONE: (603) 773-7074

RPT\_PERIOD: 200607

Design Electrical Rating: 1222
 Maximum Dependable Capacity (MWe-Net) 1221

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	124,714.68
4. Number of Hours Generator On-line	744.00	5,087.00	121,714.16
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 909,231.82 6,209,488.62 138,295,991.88

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit operated at 100% power for the entire month. This yielded an availability factor of 100% and a capacity factor of 100.09% based on the MDC value of 1221.0 Net MWe.

DOCKET: 443 PREPARER NAME: Peter Nardone

UNIT\_NME: SEABROOK 1 PREPARER TELEPHONE: (603) 773-7074

RPT\_PERIOD: 200608

Design Electrical Rating: 1222
 Maximum Dependable Capacity (MWe-Net) 1221

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	740.87	5,827.87	125,455.55
4. Number of Hours Generator On-line	740.07	5,827.07	122,454.23
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 900,740.58 7,110,229.20 139,196,732.46

#### **UNIT SHUTDOWNS**

			•			
No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
06-01	8/31/2006	F	3.93	A	1	Both Emergency Diesel Generators failed to operate as expected during operability/surveillance testing. Shutdown to Mode 3 to comply with requirements of Technical Specification LCO 3.8.1.1 d - both Emergency Diesel Generators declared inoperable. Licensee will submit an LER for T.S. required shutdown.

SUMMARY: The unit operated at 100% power for 730 hours this month. It was off-line for 3.93 hours, the result of a forced outage on 08/31 that continued into September. This yielded an availability factor of 99.47% and a capacity factor of 99.15% based on the MDC value of 1221.0 Net Mwe.

DOCKET: 443 PREPARER NAME: Peter Nardone

UNIT\_NME: SEABROOK 1 PREPARER TELEPHONE: (603) 773-7074

RPT\_PERIOD: 200609

Design Electrical Rating: 1222
 Maximum Dependable Capacity (MWe-Net) 1221

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	653.40	6,481.27	126,108.95
4. Number of Hours Generator On-line	645.78	6,472.85	123,100.01
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 773,927.76 7,884,156.96 139,970,660.22

#### **UNIT SHUTDOWNS**

			• • • • • • • • • • • • • • • • • • • •			
No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
06-01	8/31/2006	F	74.22	A	4	Both Emergency Diesel Generators failed to operate as expected during operability/surveillance testing. Shutdown to Mode 3 to comply with requirements of Technical Specification LCO 3.8.1.1 d - both Emergency Diesel Generators declared inoperable. Licensee will submit an LER for T.S. required shutdown.

SUMMARY: The unit operated at 100% power for 625 hours this month. It was off-line for 74.22 hours, the result of a forced outage from 08/31/06. Following the return to power on 09/04/06, the unit continued to operate at 100% RTP until 09/30/06 when it ramped down to commence its eleventh refueling outage. This yielded an availability factor of 89.7% and a capacity factor of 88.0% based on the MDC value of 1221.0 Net Mwe.

DOCKET: 327 PREPARER NAME: Sharon Powell UNIT\_NME: SEQUOYAH 1 PREPARER TELEPHONE: 423/843-7855

RPT\_PERIOD: 200607

70

Design Electrical Rating: 1173
 Maximum Dependable Capacity (MWe-Net) 1148

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,266.50	153,044.53
4. Number of Hours Generator On-line	744.00	4,242.55	150,913.60
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 846,109.00 4,841,250.00 165,843,469.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit 1 Gross Maximum Dependable Capacity factor was 99.302 for the month of July 2006.

DOCKET: 327 PREPARER NAME: Renee Mckaig
UNIT\_NME: SEQUOYAH 1 PREPARER TELEPHONE: 423/843-8963

UNIT\_NME: SEQUOYAH 1 PREPARER TELEPHONE: 423/843-8963 RPT\_PERIOD: 200608

Design Electrical Rating: 1173
 Maximum Dependable Capacity (MWe-Net) 1148

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,010.50	153,788.53
4. Number of Hours Generator On-line	744.00	4,986.55	151,657.60
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 841,337.00 5,682,587.00 166,684,806.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit 1 Gross Maximum Dependable Capacity factor was 98.885 for the month of August 2006.

DOCKET: 327 PREPARER NAME: Sharon Powell UNIT\_NME: SEQUOYAH 1 PREPARER TELEPHONE: 423/843-7855

UNIT\_NME: SEQUOYAH 1 PREPARER TELEPHONE: 423/843-7855
RPT\_PERIOD: 200609

Design Electrical Rating: 1173
 Maximum Dependable Capacity (MWe-Net) 1148

		This Month	Yr-to-Date	Cumulative
3. Number	of Hours the Reactor was Critical	720.00	5,730.50	154,508.53
4. Number	of Hours Generator On-line	720.00	5,706.55	152,377.60
5. Reserve	Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 824,256.00 6,506,843.00 167,509,062.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit 1 Gross Maximum Dependable Capacity factor was 100.088 for the month of September 2006.

DOCKET: 328 PREPARER NAME: Sharon Powell UNIT\_NME: SEQUOYAH 2 PREPARER TELEPHONE: 423/843-7855

RPT\_PERIOD: 200607

Design Electrical Rating: 1151
 Maximum Dependable Capacity (MWe-Net) 1126

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,021.37	158,069.20
4. Number of Hours Generator On-line	744.00	4,972.33	155,694.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	832,056.00	5,659,307.00	168,029,138.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 2 Gross Maximum Dependable Capacity factor was 99.184 for the month of July 2006.

DOCKET: 328 PREPARER NAME: Renee McKaig
UNIT\_NME: SEQUOYAH 2 PREPARER TELEPHONE: 423/843-8963

UNIT\_NME: SEQUOYAH 2 PREPARER TELEPHONE: 423/843-8963 RPT\_PERIOD: 200608

Design Electrical Rating: 1151
 Maximum Dependable Capacity (MWe-Net) 1126

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,765.37	158,813.20
4. Number of Hours Generator On-line	744.00	5,716.33	156,438.59
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 823,351.00 6,482,658.00 168,852,489.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit 2 Gross Maximum Dependable Capacity factor was 98.744 for the month of August 2006.

DOCKET: 328 PREPARER NAME: Sharon Powell UNIT\_NME: SEQUOYAH 2 PREPARER TELEPHONE: 423/843-7855

RPT\_PERIOD: 200609

Design Electrical Rating: 1151
 Maximum Dependable Capacity (MWe-Net) 1126

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,485.37	159,533.20
4. Number of Hours Generator On-line	720.00	6,436.33	157,158.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6 Not Floatrical anarry Congreted (MM/IIIa)	900 074 00	7 201 722 00	160 661 562 00

6. Net Electrical energy Generated (MWHrs) 809,074.00 7,291,732.00 169,661,563.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit 2 Gross Maximum Dependable Capacity factor was 99.926 for the month of September 2006.

DOCKET: 498 PREPARER NAME: R.L. Hill

UNIT\_NME: SOUTH TEXAS 1 PREPARER TELEPHONE: 361 972-7667

RPT\_PERIOD: 200607

Design Electrical Rating: 1250.6
 Maximum Dependable Capacity (MWe-Net) 1250.6

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 5,087.00 128,793.04
4. Number of Hours Generator On-line 744.00 5,087.00 124,414.54
5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 946,740.00 6,523,978.00 152,590,320.00

**UNIT SHUTDOWNS** 

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

DOCKET: 498 PREPARER NAME: R.L. Hill

UNIT\_NME: SOUTH TEXAS 1 PREPARER TELEPHONE: 361 972-7667

RPT\_PERIOD: 200608

1. Design Electrical Rating: 1250.6

2. Maximum Dependable Capacity (MWe-Net) 1250.6

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,831.00
 129,537.04

 4. Number of Hours Generator On-line
 744.00
 5,831.00
 125,158.54

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 944,362.00 7,468,340.00 153,534,682.00

**UNIT SHUTDOWNS** 

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

DOCKET: 498 PREPARER NAME: R.L. Hill

UNIT\_NME: SOUTH TEXAS 1 PREPARER TELEPHONE: 361 972-7667

RPT\_PERIOD: 200609

Design Electrical Rating: 1250.6
 Maximum Dependable Capacity (MWe-Net) 1250.6

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 720.00
 6,551.00
 130,257.04

 4. Number of Hours Generator On-line
 720.00
 6,551.00
 125,878.54

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 836,585.00 8,304,925.00 154,371,267.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Fuel coastdown began on 9/5/06.

DOCKET: 499 PREPARER NAME: R.L. Hill

UNIT\_NME: SOUTH TEXAS 2 PREPARER TELEPHONE: 361 972-7667

RPT\_PERIOD: 200607

Design Electrical Rating: 1250.6
 Maximum Dependable Capacity (MWe-Net) 1250.6

This Month Yr-to-Date

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 122,821.60

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 120,481.01

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 947,400.00 6,527,895.00 147,868,664.00

**UNIT SHUTDOWNS** 

Cumulative

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

DOCKET: 499 PREPARER NAME: R.L. Hill

UNIT\_NME: SOUTH TEXAS 2 PREPARER TELEPHONE: 361 972-7667

RPT\_PERIOD: 200608

5. Reserve Shutdown Hours

1. Design Electrical Rating: 1250.6

2. Maximum Dependable Capacity (MWe-Net) 1250.6

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 744.00 5,831.00 123,565.60
4. Number of Hours Generator On-line 744.00 5,831.00 121,225.01

6. Net Electrical energy Generated (MWHrs) 944,756.00 7,472,651.00 148,813,420.00

0.00

**UNIT SHUTDOWNS** 

0.00

0.00

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

DOCKET: 499 PREPARER NAME: R.L. Hill

UNIT\_NME: SOUTH TEXAS 2 PREPARER TELEPHONE: 361 972-7667

RPT\_PERIOD: 200609

1250.6 1. Design Electrical Rating: 1250.6

2. Maximum Dependable Capacity (MWe-Net)

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	124,285.60
4. Number of Hours Generator On-line	720.00	6,551.00	121,945.01
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 917,996.00 8,390,647.00 149,731,416.00

**UNIT SHUTDOWNS** 

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

DOCKET: 335 PREPARER NAME: k. R. Boller
UNIT\_NME: ST. LUCIE 1 PREPARER TELEPHONE: 772 467-7465

RPT\_PERIOD: 200607

Design Electrical Rating: 830
 Maximum Dependable Capacity (MWe-Net) 839

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	213,458.12
4. Number of Hours Generator On-line	744.00	5,087.00	211,533.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
C. Not Floatrical angur. Consusted (MMM Inc)	625 460 00	4 240 620 00	172 952 067 00

6. Net Electrical energy Generated (MWHrs) 635,168.00 4,340,639.00 173,853,967.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: St. Lucie Unit 1 operated in Mode 1 for the entire reporting period. There were no challenges to the power operated relief valves or safety valves during this report period.

DOCKET: 335 PREPARER NAME: K. R. Boller
UNIT\_NME: ST. LUCIE 1 PREPARER TELEPHONE: 772 467-7465

RPT\_PERIOD: 200608

Design Electrical Rating: 830
 Maximum Dependable Capacity (MWe-Net) 839

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	214,202.12
4. Number of Hours Generator On-line	744.00	5,831.00	212,277.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
6 Not Floatrical anaray Congreted (MMIIIra)	636 300 00	4 076 920 00	174 400 167 00

6. Net Electrical energy Generated (MWHrs) 636,200.00 4,976,839.00 174,490,167.00

### **UNIT SHUTDOWNS**

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

SUMMARY: St. Lucie Unit 1 operated in Mode 1 for the entire reporting period. There were no challenges to the power operated relief valves or safety valves during this report period.

DOCKET: 335 PREPARER NAME: K. R. Boller
UNIT\_NME: ST. LUCIE 1 PREPARER TELEPHONE: 772 467-7465

RPT\_PERIOD: 200609

Design Electrical Rating: 830
 Maximum Dependable Capacity (MWe-Net) 839

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	214,922.12
4. Number of Hours Generator On-line	720.00	6,551.00	212,997.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
C. Not Flootrical arrays Compreted (MMIII)	640 705 00	F F07 F64 00	175 100 000 00

6. Net Electrical energy Generated (MWHrs) 610,725.00 5,587,564.00 175,100,892.00

## **UNIT SHUTDOWNS**

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

SUMMARY: St. Lucie Unit 1 operated in Mode 1 for the entire reporting period. There were no challenges to the power operated relief valves or safety valves during this report period.

DOCKET: 389 PREPARER NAME: K. R. Boller
UNIT\_NME: ST. LUCIE 2 PREPARER TELEPHONE: 772 467-7465

RPT\_PERIOD: 200607

Design Electrical Rating: 830
 Maximum Dependable Capacity (MWe-Net) 839

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	3,805.08	175,616.99
4. Number of Hours Generator On-line	744.00	3,762.11	173,548.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	618,441.00	3,022,723.00	143,134,280.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: St. Lucie Unit 2 operated in Mode 1 for the entire reporting period. There were no challenges to the power operated relief valves or safety valves during this report period.

DOCKET: 389 PREPARER NAME: K. R. Boller
UNIT\_NME: ST. LUCIE 2 PREPARER TELEPHONE: 772 467-7469

UNIT\_NME: ST. LUCIE 2 PREPARER TELEPHONE: 772 467-7465
RPT\_PERIOD: 200608

Design Electrical Rating: 830
 Maximum Dependable Capacity (MWe-Net) 839

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,549.08	176,360.99
4. Number of Hours Generator On-line	744.00	4,506.11	174,292.20
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 618,328.00 3,641,051.00 143,752,608.00

**UNIT SHUTDOWNS** 

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

SUMMARY: St. Lucie Unit 2 operated in Mode 1 for the entire reporting period. There were no challenges to the power operated relief valves or safety valves during this report period.

DOCKET: 389 PREPARER NAME: K. R. Boller
UNIT\_NME: ST. LUCIE 2 PREPARER TELEPHONE: 772 467-7465

RPT\_PERIOD: 200609

Design Electrical Rating: 830
 Maximum Dependable Capacity (MWe-Net) 839

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,269.08	177,080.99
4. Number of Hours Generator On-line	720.00	5,226.11	175,012.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6 Not Floatrical anarmy Congreted (MM/IIra)	E04 E77 00	4 225 629 00	144 247 195 00

6. Net Electrical energy Generated (MWHrs) 594,577.00 4,235,628.00 144,347,185.00

### **UNIT SHUTDOWNS**

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

SUMMARY: St. Lucie Unit 2 operated in Mode 1 for the entire reporting period. There were no challenges to the power operated relief valves or safety valves during this report period.

DOCKET: 395 PREPARER NAME: Wesley Higgins UNIT\_NME: SUMMER 1 PREPARER TELEPHONE: 8033454042

RPT\_PERIOD: 200607

Design Electrical Rating: 972.7
 Maximum Dependable Capacity (MWe-Net) 966

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	744.00	5,087.00	168,184.73	
4. Number of Hours Generator On-line	744.00	5,087.00	166,083.75	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (MWHrs)	753,076.80	4,421,289.60	147,595,300.20	

**UNIT SHUTDOWNS** 

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

SUMMARY: Reactor power was reduced to 90% on 07/12/06 at 07:01 due to the B Main Feedwater Pump trip. The unit returned to full power operation on 07/13/06 at 21:45.

DOCKET: 395 PREPARER NAME: Wesley Higgins UNIT\_NME: SUMMER 1 PREPARER TELEPHONE: 8033454042

RPT\_PERIOD: 200608

Design Electrical Rating: 972.7
 Maximum Dependable Capacity (MWe-Net) 966

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,831.00
 168,928.73

 4. Number of Hours Generator On-line
 744.00
 5,831.00
 166,827.75

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 753,076.80 5,174,366.40 148,348,377.00

**UNIT SHUTDOWNS** 

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

DOCKET: 395 PREPARER NAME: Wesley Higgins UNIT\_NME: SUMMER 1 PREPARER TELEPHONE: 8033454042

RPT\_PERIOD: 200609

Design Electrical Rating: 972.7
 Maximum Dependable Capacity (MWe-Net) 966

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	169,648.73
4. Number of Hours Generator On-line	720.00	6,551.00	167,547.75
5. Reserve Shutdown Hours	0.00	0.00	0.00
C. Not Floatrical arrays Consented (MM/III)	700 704 00	E 002 150 10	140 077 161 00

6. Net Electrical energy Generated (MWHrs) 728,784.00 5,903,150.40 149,077,161.00

## **UNIT SHUTDOWNS**

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

SUMMARY: Power was reduced to 93.6% on 09/13/06 at 20:36 due to the 'A' RHDT normal drain valve ILV03705-HD malfunctioned. The valve positioner was replaced and power was restored on 09/14/06 at 08:00.

DOCKET: 280 PREPARER NAME: Marlene Haskett UNIT\_NME: SURRY 1 PREPARER TELEPHONE: 757-365-2146

RPT\_PERIOD: 200607

Design Electrical Rating: 788
 Maximum Dependable Capacity (MWe-Net) 799

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,317.50	222,142.46
4. Number of Hours Generator On-line	744.00	4,259.00	219,185.72
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	588,423.19	3,406,076.49	164,840,037.22

## **UNIT SHUTDOWNS**

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

SUMMARY: 07/07/06 Ramped unit down for repair of the Unit 1 feedwater pump.

DOCKET: 280 PREPARER NAME: Marlene Haskett UNIT\_NME: SURRY 1 PREPARER TELEPHONE: 757-365-2146

RPT\_PERIOD: 200608

Design Electrical Rating: 788
 Maximum Dependable Capacity (MWe-Net) 799

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,061.50	222,886.46
4. Number of Hours Generator On-line	744.00	5,003.00	219,929.72
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	596,771.58	4,002,848.07	165,436,808.80

### **UNIT SHUTDOWNS**

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

DOCKET: 280 PREPARER NAME: Marlene Haskett UNIT\_NME: SURRY 1 PREPARER TELEPHONE: 757-365-2146

RPT\_PERIOD: 200609

Design Electrical Rating: 788
 Maximum Dependable Capacity (MWe-Net) 799

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,781.50	223,606.46
4. Number of Hours Generator On-line	720.00	5,723.00	220,649.72
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	582,109.01	4,584,957.08	166,018,917.81

## **UNIT SHUTDOWNS**

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

DOCKET: 281 PREPARER NAME: Marlene Haskett UNIT\_NME: SURRY 2 PREPARER TELEPHONE: 757-365-2146

RPT\_PERIOD: 200607

Design Electrical Rating: 788
 Maximum Dependable Capacity (MWe-Net) 799

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	220,761.64
4. Number of Hours Generator On-line	744.00	5,087.00	218,186.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	596,636.12	4,105,587.03	164,770,580.13

UNIT SHUTDOWNS

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

DOCKET: 281 PREPARER NAME: Marlene Haskett UNIT\_NME: SURRY 2 PREPARER TELEPHONE: 757-365-2146

RPT\_PERIOD: 200608

Design Electrical Rating: 788
 Maximum Dependable Capacity (MWe-Net) 799

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	221,505.64
4. Number of Hours Generator On-line	744.00	5,831.00	218,930.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
		. =	

6. Net Electrical energy Generated (MWHrs) 595,864.30 4,701,451.33 165,366,444.43

**UNIT SHUTDOWNS** 

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

DOCKET: 281 PREPARER NAME: Marlene Haskett UNIT\_NME: SURRY 2 PREPARER TELEPHONE: 757-365-2146

RPT\_PERIOD: 200609

Design Electrical Rating: 788
 Maximum Dependable Capacity (MWe-Net) 799

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	222,225.64
4. Number of Hours Generator On-line	720.00	6,551.00	219,650.44
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 580,421.27 5,281,872.60 165,946,865.70

**UNIT SHUTDOWNS** 

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

DOCKET: 387 PREPARER NAME: J. Hennings

UNIT\_NME: SUSQUEHANNA 1 PREPARER TELEPHONE: 570-542-3747

RPT\_PERIOD: 200607

Design Electrical Rating: 1177
 Maximum Dependable Capacity (MWe-Net) 1135

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,112.67	170,490.17
4. Number of Hours Generator On-line	742.93	4,059.74	168,016.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6 N - E1	00400000		

6. Net Electrical energy Generated (MWHrs) 824,263.00 4,536,857.00 174,619,916.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
3	7/2/2006	S	1.07	В	5	Took the turbine off line for a planned EHC control card change-out 7/2/06 00:27. At 7/2/06 01:31 the Main Generator was synchronized to the grid. The reactor remained at approximately 18% power while the turbine was off line.

SUMMARY: The only power reduction greater than 20% this month was on July 1 in prepartation for a planned turbine outage to replace a turbine EHC controll card. The turbine was put on line on July 2. 100% power was also achieved on July 2.

DOCKET: 387 PREPARER NAME: J. Hennings

UNIT\_NME: SUSQUEHANNA 1 PREPARER TELEPHONE: 570-542-3747

RPT\_PERIOD: 200608

Design Electrical Rating: 1177
 Maximum Dependable Capacity (MWe-Net) 1135

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,856.67	171,234.17
4. Number of Hours Generator On-line	744.00	4,803.74	168,760.28
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 839,334.00 5,376,191.00 175,459,250.00

**UNIT SHUTDOWNS** 

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

SUMMARY: There were no power reductions greater than 20% power this month.

DOCKET: 387 PREPARER NAME: J. Hennings

UNIT\_NME: SUSQUEHANNA 1 PREPARER TELEPHONE: 570-542-3747

RPT\_PERIOD: 200609

Design Electrical Rating: 1177
 Maximum Dependable Capacity (MWe-Net) 1135

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,576.67	171,954.17
4. Number of Hours Generator On-line	720.00	5,523.74	169,480.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	795,357.00	6,171,548.00	176,254,607.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Two power changes greater than 20% include:

1) 9/1/06 to 75% power for a planned Sequence Exchange. 9/5/06 achieved 100% power.

<sup>2) 9/16/06</sup> planned reduction to 70% Reactor power to peform rod testing and maintenance and a sequence exchange. On 09/18/06 power was raised to 100%.

DOCKET: 388 PREPARER NAME: J. Hennings

UNIT\_NME: SUSQUEHANNA 2 PREPARER TELEPHONE: 570-542-3747

RPT\_PERIOD: 200607

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1182
 1140

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,957.82	165,629.49
4. Number of Hours Generator On-line	744.00	4,935.97	163,529.37
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	819,588.00	5,620,213.00	173,321,086.30

#### **UNIT SHUTDOWNS**

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

SUMMARY: There were 2 power changes greater than 20% this month. On July 1 a power reduction to 70% was performed for a planned sequence exchange. On July 16 a power reduction to 74 % was performed to support Transmission/Distribution maintenance activities. 100 % was achieved on July 17.

DOCKET: 388 PREPARER NAME: J. Hennings

UNIT\_NME: SUSQUEHANNA 2 PREPARER TELEPHONE: 570-542-3747

RPT\_PERIOD: 200608

Design Electrical Rating:
 Maximum Dependable Capacity (MWe-Net)
 1140

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,701.82	166,373.49
4. Number of Hours Generator On-line	744.00	5,679.97	164,273.37
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	826,316.00	6,446,529.00	174,147,402.30

UNIT SHUTDOWNS

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

SUMMARY: The only power reduction greater than 20% was on August 26 for a scheduled down power to 75%. The time required at reduced power was extended to address a stuck control rod. 100% power was achieved on 8/29/2006.

DOCKET: 388 PREPARER NAME: J. Hennings

UNIT\_NME: SUSQUEHANNA 2 PREPARER TELEPHONE: 570-542-3747

RPT\_PERIOD: 200609

1. Design Electrical Rating: 1182

2. Maximum Dependable Capacity (MWe-Net) 1140

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	700.93	6,402.75	167,074.42
4. Number of Hours Generator On-line	696.03	6,376.00	164,969.40
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 790,891.00 7,237,420.00 174,938,293.30

#### **UNIT SHUTDOWNS**

			Oltil	011010011110		
		Type F: Forced	Duration		Method of Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments
2	9/30/2006	S	23.97	В	1	9/29/06 Commenced lowering power from 100% using Reactor Recirc Flow for Fall Rechanneling Outage. 9/30/06 Tripped Main Turbine.

SUMMARY: 9/29/06 20:00 Commenced Lowering Power from 100% using Reactor Recirc Flow for Fall Channeling Outage. 9/30/06 00:02 Tripped Main Turbine.

9/30/06 04:56 All Rods are In.

No other power reductions greater than 20% we performed in September. There were no challenges to Main Steam Relief Valves this month.

DOCKET: 289 PREPARER NAME: Mark Fauber

UNIT\_NME: THREE MILE ISLAND 1 PREPARER TELEPHONE: 717-948-8787

RPT\_PERIOD: 200607

Design Electrical Rating: 819
 Maximum Dependable Capacity (MWe-Net) 802

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 196,913.80

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 195,280.64

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 607,023.00 4,262,788.00 161,805,765.40

**UNIT SHUTDOWNS** 

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

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

DOCKET: 289 PREPARER NAME: Mark Fauber

UNIT\_NME: THREE MILE ISLAND 1 PREPARER TELEPHONE: (717) 948-8787

RPT\_PERIOD: 200608

Design Electrical Rating: 819
 Maximum Dependable Capacity (MWe-Net) 802

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	197,657.80
4. Number of Hours Generator On-line	744.00	5,831.00	196,024.64
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 610,066.00 4,872,854.00 162,415,831.40

**UNIT SHUTDOWNS** 

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

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

DOCKET: 289 PREPARER NAME: Mark Fauber

UNIT\_NME: THREE MILE ISLAND 1 PREPARER TELEPHONE: (717) 948-8787

RPT\_PERIOD: 200609

Design Electrical Rating: 819
 Maximum Dependable Capacity (MWe-Net) 802

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	720.00	6,551.00	198,377.80	
4. Number of Hours Generator On-line	720.00	6,551.00	196,744.64	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (MWHrs)	598,981.00	5,471,835.00	163,014,812.40	

**UNIT SHUTDOWNS** 

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

SUMMARY: On 9/23/06, at 22:00, Unit power was reduced from nominal full power to approx. 90% for Mn. Turb. control valve & control rod testing. The unit returned to nominal full power at 05:07 on 9/24/06 & remained at full power for the remainder of the month.

DOCKET: 250 PREPARER NAME: Robert A. Gwinn

UNIT\_NME: TURKEY POINT 3 PREPARER TELEPHONE: 305-246-6090

RPT\_PERIOD: 200607

Design Electrical Rating: 720
 Maximum Dependable Capacity (MWe-Net) 693

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,295.55	222,382.61
4. Number of Hours Generator On-line	744.00	4,232.27	219,691.04
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	524,182.00	2,973,203.00	143,883,398.00

## **UNIT SHUTDOWNS**

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

SUMMARY: Unit 3 was at approximately 100% power for the month of July.

DOCKET: 250 PREPARER NAME: Ron Everett

UNIT\_NME: TURKEY POINT 3 PREPARER TELEPHONE: 305-246-6190

RPT\_PERIOD: 200608

Design Electrical Rating: 720
 Maximum Dependable Capacity (MWe-Net) 693

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,039.55	223,126.61
4. Number of Hours Generator On-line	744.00	4,976.27	220,435.04
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	512,544.00	3,485,747.00	144,395,942.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 3 operated at essentially 100% power in August until it had an unplanned down power to approximately 75% on 8/28/06 @21:42 due to the failure of M6 Rod Position Indicator coupled with failure of the flux mapping system. The flux mapping system failed due to the loss of power associated with loss of the 3E load Icenter. On 8/29/06 @ 13:59 Unit 3 decreased power from 75% to 60% due to Hurricane Ernesto. Unit 3 returned to 100% power on 8/30/06 @ 13:20.

DOCKET: 250 PREPARER NAME: Ron Everett

UNIT\_NME: TURKEY POINT 3 PREPARER TELEPHONE: 305-246-6190

RPT\_PERIOD: 200609

Design Electrical Rating: 720
 Maximum Dependable Capacity (MWe-Net) 693

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,759.55	223,846.61
4. Number of Hours Generator On-line	720.00	5,696.27	221,155.04
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	506,554.00	3,992,301.00	144,902,496.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 3 was at approximately 100% power for the month.

DOCKET: 251 PREPARER NAME: Robert A. Gwinn

UNIT\_NME: TURKEY POINT 4 PREPARER TELEPHONE: 305-246-6090

RPT\_PERIOD: 200607

Design Electrical Rating: 720
 Maximum Dependable Capacity (MWe-Net) 693

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,988.79	219,535.30
4. Number of Hours Generator On-line	744.00	4,975.28	214,853.09
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	524,501.00	3,541,936.00	142,384,656.00

### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 4 was at approximately 100% power for the month of July.

DOCKET: 251 PREPARER NAME: Ron Everett

UNIT\_NME: TURKEY POINT 4 PREPARER TELEPHONE: 305-246-6190

RPT\_PERIOD: 200608

Design Electrical Rating: 720
 Maximum Dependable Capacity (MWe-Net) 693

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,732.79	220,279.30
4. Number of Hours Generator On-line	744.00	5,719.28	215,597.09
5. Reserve Shutdown Hours	0.00	0.00	577.20
Net Electrical energy Generated (MWHrs)	518,044.00	4,059,980.00	142,902,700.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 4 operated at essentially 100% power until on 8/29/06 @ 14:58, unit 4 down powered to approximately 60% due to Hurricane Ernesto. Unit 4 returned to 100% on 8/30/06 @06:06.

DOCKET: 251 PREPARER NAME: Ron Everett

UNIT\_NME: TURKEY POINT 4 PREPARER TELEPHONE: 305-246-6190

RPT\_PERIOD: 200609

Design Electrical Rating: 720
 Maximum Dependable Capacity (MWe-Net) 693

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,452.79	220,999.30
4. Number of Hours Generator On-line	720.00	6,439.28	216,317.09
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	506,525.00	4,566,505.00	143,409,225.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: Unit 4 was at approximately 100% power for the month.

DOCKET: 271 PREPARER NAME: Greg Wallin

UNIT\_NME: VERMONT YANKEE 1 PREPARER TELEPHONE: 1-802-451-3309

RPT\_PERIOD: 200607

Design Electrical Rating: 617
 Maximum Dependable Capacity (MWe-Net) 605

 This Month
 Yr-to-Date
 Cumulative

 3. Number of Hours the Reactor was Critical
 744.00
 5,087.00
 252,796.19

 4. Number of Hours Generator On-line
 744.00
 5,087.00
 249,030.79

 5. Reserve Shutdown Hours
 0.00
 0.00
 0.00

6. Net Electrical energy Generated (MWHrs) 455,681.00 2,888,433.00 121,479,414.00

**UNIT SHUTDOWNS** 

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

SUMMARY: There were no planned or unplanned losses for the month of August.

DOCKET: 271 PREPARER NAME: Greg Wallin

UNIT\_NME: VERMONT YANKEE 1 PREPARER TELEPHONE: 1-802-451-3309

RPT\_PERIOD: 200608

Design Electrical Rating: 617
 Maximum Dependable Capacity (MWe-Net) 605

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	253,540.19
4. Number of Hours Generator On-line	744.00	5,831.00	249,774.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	442,307.00	3,330,740.00	121,921,721.00

**UNIT SHUTDOWNS** 

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

SUMMARY: The planned energy losses were the result of a quarterly downpower rod pattern exchange and the subsequent two rod pattern exchange passes.

DOCKET: 271 PREPARER NAME: Greg Wallin

UNIT\_NME: VERMONT YANKEE 1 PREPARER TELEPHONE: 1-802-451-3309

RPT\_PERIOD: 200609

Design Electrical Rating: 617
 Maximum Dependable Capacity (MWe-Net) 605

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	254,260.19
4. Number of Hours Generator On-line	720.00	6,551.00	250,494.79
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 432,211.00 3,762,951.00 122,353,932.00

**UNIT SHUTDOWNS** 

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

SUMMARY: There were no planned or unplanned losses for the month of September.

DOCKET: 424 PREPARER NAME: Amy Whaley

UNIT\_NME: VOGTLE 1 PREPARER TELEPHONE: 3858

RPT\_PERIOD: 200607

5. Reserve Shutdown Hours

1. Design Electrical Rating: 1169

2. Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,919.43	152,011.04
4. Number of Hours Generator On-line	744.00	4,911.70	150,294.31

6. Net Electrical energy Generated (MWHrs) 858,085.00 5,692,289.00 169,571,003.00

0.00

**UNIT SHUTDOWNS** 

0.00

0.00

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

SUMMARY: Unit 1 was at approximately 100% power with no significant operating problems during the month of July 2006.

DOCKET: 424 PREPARER NAME: Amy Whaley
UNIT\_NME: VOGTLE 1 PREPARER TELEPHONE: 706-826-3858

RPT\_PERIOD: 200608

Design Electrical Rating: 1169
 Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,663.43	152,755.04
4. Number of Hours Generator On-line	744.00	5,655.70	151,038.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6 N . = 1	055 000 00	0.540.074.00	470 400 005 00

6. Net Electrical energy Generated (MWHrs) 855,982.00 6,548,271.00 170,426,985.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit 1 was at approximately 100% power with no significant operating problems during the month of August 2006.

DOCKET: 424 PREPARER NAME: Amy Whaley
UNIT\_NME: VOGTLE 1 PREPARER TELEPHONE: 706-826-3858

RPT\_PERIOD: 200609

Design Electrical Rating: 1169
 Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	387.92	6,051.35	153,142.96
4. Number of Hours Generator On-line	386.07	6,041.77	151,424.38
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	431,451.60	6,979,722.60	170,858,436.60

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2006-06	9/17/2006	S	333.93	С	1	1R13 outage starts. No corrective actions or comments.

SUMMARY: September 01st at 00:00, Unit 1 at approximately 100% power with no significant operating problems. September 13th at 20:00, Unit 1 began coastdown for scheduled Refueling Outage 1R13. September 17th at 02:04, the reactor was shutdown for the scheduled 1R13 Refueling Outage. On September 30 at 23:59, Unit 1 remained shutdown for 1R13 refueling outage activities.

DOCKET: 425 PREPARER NAME: Amy Whaley

UNIT\_NME: VOGTLE 2 PREPARER TELEPHONE: 3858

RPT\_PERIOD: 200607

1. Design Electrical Rating: 1169

2. Maximum Dependable Capacity (MWe-Net) 1149

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	4,533.87	136,996.87
4. Number of Hours Generator On-line	744.00	4,487.47	135,896.74
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 857,170.00 5,178,341.00 153,887,921.00

**UNIT SHUTDOWNS** 

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

SUMMARY: Unit 2 was at approximately 100% power with no significant operating problems during the month of July 2006.

An error was found in a time stamp for a Unit 2 Shutdown in February 2006. The error was corrected, and the data in the Unit 2 MOR for February 2006 changed as a result of this update. The "Number of Hours Generator On-line" changed from 380.95 to 368.95.

DOCKET: 425 PREPARER NAME: Amy Whaley
UNIT\_NME: VOGTLE 2 PREPARER TELEPHONE: 706-826-3858

RPT\_PERIOD: 200608

Design Electrical Rating: 1169
 Maximum Dependable Capacity (MWe-Net) 1149

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	630.52	5,164.39	137,627.39
4. Number of Hours Generator On-line	630.52	5,117.99	136,527.26
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 718,788.00 5,897,129.00 154,606,709.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2006-5	8/27/2006	F	113.48	А	3	Unit 2 trip from low loop flow on loop 4.

SUMMARY: August 01st at 00:00, Unit 2 at approximately 100% power with no significant operating problems. August 27th at 06:31, Unit 2 experienced an automatic reactor trip due to a trip of Reactor Coolant Pump #4 resulting from a conductor that short circuited in the motor connection box. The Unit remained shutdown on August 31st at 23:59.

DOCKET: 425 PREPARER NAME: Amy Whaley
UNIT\_NME: VOGTLE 2 PREPARER TELEPHONE: 706-826-3858

RPT\_PERIOD: 200609

Design Electrical Rating: 1169
 Maximum Dependable Capacity (MWe-Net) 1149

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	713.50	5,877.89	138,340.89
4. Number of Hours Generator On-line	700.65	5,818.64	137,227.91
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 794,772.00 6,691,901.00 155,401,481.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2006-5	8/27/2006	F	19.35	Α	4	Unit 2 trip from low loop flow on loop 4.

SUMMARY: September 01st at 00:00, Unit 2 remained shutdown due to an automatic reactor trip as a result of a trip of Reactor Coolant Pump #4. September 01st at 19:21, Unit 2 began ramp up after forced outage. September 04th at 00:00 - September 30th, Unit 2 at approximately 100% power with no significant operating problems.

DOCKET: 382 PREPARER NAME: Jim Pollock

UNIT\_NME: WATERFORD 3 PREPARER TELEPHONE: (504) 739-6561

RPT\_PERIOD: 200607

Design Electrical Rating: 1173
 Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,087.00	159,111.29
4. Number of Hours Generator On-line	744.00	5,087.00	157,664.97
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	857,255.00	5,960,190.00	169,611,714.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit operated at an average reactor power level of 99.9% and experienced no shutdowns or significant power reductions during the period.

DOCKET: 382 PREPARER NAME: Jim Pollock

UNIT\_NME: WATERFORD 3 PREPARER TELEPHONE: (504) 739-6561

RPT\_PERIOD: 200608

Design Electrical Rating: 1173
 Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,831.00	159,855.29
4. Number of Hours Generator On-line	744.00	5,831.00	158,408.97
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	840,281.00	6,800,471.00	170,451,995.00

### **UNIT SHUTDOWNS**

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

SUMMARY: The unit operated at an average reactor power level of 99.0% and experienced no shutdowns or significant power reductions during the period.

DOCKET: 382 PREPARER NAME: Jim Pollock

UNIT\_NME: WATERFORD 3 PREPARER TELEPHONE: (504) 739-6561

RPT\_PERIOD: 200609

Design Electrical Rating: 1173
 Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	160,575.29
4. Number of Hours Generator On-line	720.00	6,551.00	159,128.97
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	825,074.00	7,625,545.00	171,277,069.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit operated at an average reactor power level of 100.0% and experienced no shutdowns or significant power reductions during the period.

DOCKET: 390 PREPARER NAME: E.J. Kreil

UNIT\_NME: WATTS BAR 1 PREPARER TELEPHONE: 423-365-8022

RPT\_PERIOD: 200607

Design Electrical Rating: 1155
 Maximum Dependable Capacity (MWe-Net) 1121

This Month Yr-to-Date Cumulative
3. Number of Hours the Reactor was Critical 732.23 4,484.31 81,833.60

4. Number of Hours Generator On-line 732.22 4,460.47 81,434.23

5. Reserve Shutdown Hours 0.00 0.00 0.00

6. Net Electrical energy Generated (MWHrs) 808,855.86 4,955,876.82 90,644,899.46

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
Exciter Forced Outage	7/31/2006	F	11.78	А	3	While operating at 100%, plant experienced electrical output transient ending with exciter field overcurrent and turbine/reactor trip. The unit was stabilized in hot standby.

SUMMARY: Power reduction (but not less than 80% power) to fix oil leak on 1A MFP. Forced Outage started 7/31/06.

DOCKET: 390 PREPARER NAME: E.J. Kreil

UNIT\_NME: WATTS BAR 1 PREPARER TELEPHONE: 423-365-8022

RPT\_PERIOD: 200608

Design Electrical Rating: 1155
 Maximum Dependable Capacity (MWe-Net) 1121

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	667.00	5,151.31	82,500.60
4. Number of Hours Generator On-line	654.03	5,114.50	82,088.26
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 696,280.08 5,652,156.90 91,341,179.54

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
Exciter Forced Outage	7/31/2006	F	89.97	Α	4	While operating at 100%, plant experienced electrical output transient ending with exciter field overcurrent and turbine/reactor trip. The unit was stabilized in hot standby.

SUMMARY:

DOCKET: 390 PREPARER NAME: E.J. Kreil

UNIT\_NME: WATTS BAR 1 PREPARER TELEPHONE: 423-365-8022

RPT\_PERIOD: 200609

1. Design Electrical Rating: 1155

2. Maximum Dependable Capacity (MWe-Net) 1121

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	240.00	5,391.31	82,740.60
4. Number of Hours Generator On-line	240.00	5,354.50	82,328.26
5. Reserve Shutdown Hours	0.00	0.00	0.00

6. Net Electrical energy Generated (MWHrs) 255,818.96 5,907,975.86 91,596,998.50

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
U1C7 RFO	9/11/2006	S	480.00	С	1	

SUMMARY: Manual reactor trip to begin U1C7 RFO on 9/11/06 00:00.

DOCKET: 482 PREPARER NAME: D.M. Hooper

UNIT\_NME: WOLF CREEK 1 PREPARER TELEPHONE: (620) 364-4041

RPT\_PERIOD: 200607

Design Electrical Rating: 1170
 Maximum Dependable Capacity (MWe-Net) 1166

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	744.00	5,087.00	159,135.34	
4. Number of Hours Generator On-line	744.00	5,087.00	157,810.10	
5. Reserve Shutdown Hours	0.00	0.00	339.80	
6. Net Electrical energy Generated (MWHrs)	869,974.00	6,029,979.00	179,964,821.00	

### **UNIT SHUTDOWNS**

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

SUMMARY: The unit operated in Mode 1, at or near 100% power, from July 1, 2006, through July 31, 2006.

DOCKET: PREPARER NAME: D. M. Hooper 482

UNIT\_NME: WOLF CREEK 1 PREPARER TELEPHONE: (620) 364-4041

RPT\_PERIOD: 200608

1. Design Electrical Rating: 1170 2. Maximum Dependable Capacity (MWe-Net) 1166

	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	744.00	5,831.00	159,879.34	
4. Number of Hours Generator On-line	744.00	5,831.00	158,554.10	
5. Reserve Shutdown Hours	0.00	0.00	339.80	
6. Net Electrical energy Generated (MWHrs)	869,842.00	6,899,821.00	180,834,663.00	

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit operated in Mode 1, at or near 100% power, from August 1, 2006, through August 31, 2006.

DOCKET: PREPARER NAME: 482 D. M. Hooper UNIT\_NME: WOLF CREEK 1

PREPARER TELEPHONE: 620 364-4041

RPT\_PERIOD: 200609

1. Design Electrical Rating: 1170 2. Maximum Dependable Capacity (MWe-Net) 1166

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	6,551.00	160,599.34
4. Number of Hours Generator On-line	720.00	6,551.00	159,274.10
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	847,422.00	7,747,243.00	181,682,085.00

#### **UNIT SHUTDOWNS**

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

SUMMARY: The unit operated in Mode 1, at or near 100% power, from September 1, 2006, through September 30, 2006.

**DOCKET NO.** 50-259

 UNIT NAME
 Browns Ferry Unit 1

 DATE
 October 30, 2006

 COMPLETED BY
 Kathy C. Hollander

 TELEPHONE
 256-729-7447

REPORTING PERIOD: July 2006

1.Design Electrical Rating1,065.002.Maximum Dependable Capacity (MWe-Net)0.00

		This Month	<u>Yr-to-Date</u>	<u>Cumulative</u>
3.	Number of Hours the Reactor was Critical	0.00	0.00	59,521.00
4.	Number of Hours Generator On-line	0.00	0.00	58,267.00
5.	Reserve Shutdown Hours	0.00	0.00	0.00
6.	Net Electrical Energy Generated (MWHrs)	0.00	0.00	53,796,427.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
^	03/19/1985	S	744.00	F	4	Excludes hours under Administration hold
U	100/10/1000		1 7 7 7 . 0 0			Excludes flours under Administration floid

#### SUMMARY:

Reason:

1

A Equipment Failure (Explain)

**B** Maintenance or Test

C Refueling

D Regulatory Restriction

**E** Operator Training & License Examination

F Administration

G Operational Error (Explain)

H Other (Explain)

2

Method:

1 Manual

2 Manual Trip/Scram

3 Automatic Trip/Scram

4 Continuation

5 Other (Explain)

**DOCKET NO.** 50-259

 UNIT NAME
 Browns Ferry Unit 1

 DATE
 October 30, 2006

 COMPLETED BY
 Kathy C. Hollander

 TELEPHONE
 256-729-7447

REPORTING PERIOD: August 2006

1.Design Electrical Rating1,065.002.Maximum Dependable Capacity (MWe-Net)0.00

		<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3.	Number of Hours the Reactor was Critical	0.00	0.00	59,521.00
4.	Number of Hours Generator On-line	0.00	0.00	58,267.00
5.	Reserve Shutdown Hours	0.00	0.00	0.00
6.	Net Electrical Energy Generated (MWHrs)	0.00	0.00	53,796,427.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
^	03/19/1985	S	744.00	F	4	Excludes hours under Administration hold
U	100/10/1000		1 7 7 7 . 0 0			Excludes flours under Administration floid

#### SUMMARY:

Reason:

1

A Equipment Failure (Explain)

**B** Maintenance or Test

C Refueling

D Regulatory Restriction

**E** Operator Training & License Examination

F Administration

G Operational Error (Explain)

H Other (Explain)

2

Method:

1 Manual

2 Manual Trip/Scram

3 Automatic Trip/Scram

4 Continuation

5 Other (Explain)

**DOCKET NO.** 50-259

 UNIT NAME
 Browns Ferry Unit 1

 DATE
 October 30, 2006

 COMPLETED BY
 Kathy C. Hollander

 TELEPHONE
 256-729-7447

**REPORTING PERIOD:** September 2006

1.Design Electrical Rating1,065.002.Maximum Dependable Capacity (MWe-Net)0.00

		<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3.	Number of Hours the Reactor was Critical	0.00	0.00	59,521.00
4.	Number of Hours Generator On-line	0.00	0.00	58,267.00
5.	Reserve Shutdown Hours	0.00	0.00	0.00
6.	Net Electrical Energy Generated (MWHrs)	0.00	0.00	53,796,427.00

#### **UNIT SHUTDOWNS**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
0	03/19/1985	S	720.00	F	4	Excludes hours under Administration hold
1 -						

#### SUMMARY:

1

Reason:

A Equipment Failure (Explain)

**B** Maintenance or Test

C Refueling

D Regulatory Restriction

**E** Operator Training & License Examination

F Administration

G Operational Error (Explain)

H Other (Explain)

2

Method:

1 Manual

2 Manual Trip/Scram

3 Automatic Trip/Scram

4 Continuation

5 Other (Explain)